

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119409.D
 Acq On : 18 Mar 2020 11:43
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 18 14:32:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 14:23:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	287681	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1088377	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	545909	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1040637	20.00	ng	0.00
76) Chrysene-d12	14.03	240	802865	20.00	ng	0.00
87) Perylene-d12	15.50	264	861380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	786843	45.71	ng	0.00
7) Phenol-d6	6.47	99	1009866	48.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	800973	38.86	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	233233	32.66	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1585300	42.78	ng	0.00
79) Terphenyl-d14	12.97	244	1719742	36.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	186773	24.369	ng	99
3) Pyridine	3.35	79	504800	24.117	ng	99
4) n-Nitrosodimethylamine	3.29	42	248788	39.236	ng	# 98
6) Aniline	6.51	93	684031	26.479	ng	99
8) 2-Chlorophenol	6.63	128	411504	22.151	ng	97
9) Benzaldehyde	6.40	77	321496	22.985	ng	99
10) Phenol	6.48	94	528532	23.350	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	416497	24.048	ng	98
12) 1,3-Dichlorobenzene	6.80	146	446818	20.067	ng	97
13) 1,4-Dichlorobenzene	6.87	146	451319	20.255	ng	97
14) 1,2-Dichlorobenzene	7.03	146	426229	20.975	ng	98
15) Benzyl Alcohol	6.99	79	374244	24.734	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	845727	56.371	ng	99
17) 2-Methylphenol	7.10	107	372438	24.727	ng	99
18) Hexachloroethane	7.37	117	156676	19.654	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	296522	24.307	ng	96
20) 3+4-Methylphenols	7.25	107	481223	26.079	ng	96
22) Acetophenone	7.26	105	554840	22.033	ng	99
24) Nitrobenzene	7.43	77	436414	21.409	ng	100
25) Isophorone	7.67	82	819612	22.895	ng	100
26) 2-Nitrophenol	7.75	139	149538	13.845	ng	93
27) 2,4-Dimethylphenol	7.79	122	357250	24.372	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	495729	21.275	ng	98
29) 2,4-Dichlorophenol	7.99	162	327786	18.995	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	367754	17.974	ng	99
31) Naphthalene	8.16	128	1214938	21.524	ng	99
32) Benzoic acid	7.87	122	184808	18.505	ng	95
33) 4-Chloroaniline	8.20	127	542781	22.357	ng	98
34) Hexachlorobutadiene	8.29	225	206200	16.180	ng	98
35) Caprolactam	8.56	113	107641	20.258	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	359401	20.579	ng	100
37) 2-Methylnaphthalene	8.86	142	782263	20.594	ng	98
38) 1-Methylnaphthalene	8.96	142	742738	20.791	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	341651	18.562	ng	100

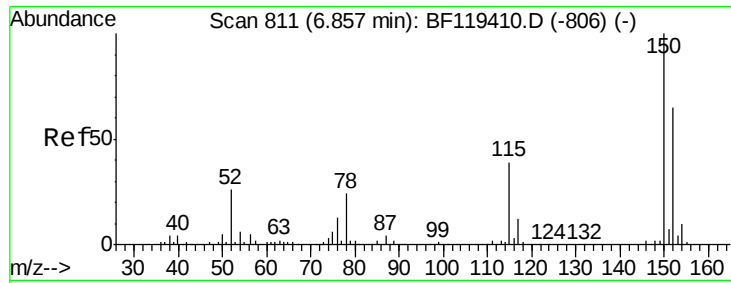
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	183718	34.035	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	233687	20.105	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	262669	21.536	ng	97
46) 1,1'-Biphenyl	9.32	154	968356	21.948	ng	98
47) 2-Chloronaphthalene	9.35	162	745795	20.976	ng	99
48) 2-Nitroaniline	9.43	65	227870	22.978	ng	98
49) Acenaphthylene	9.76	152	1196856	23.307	ng	98
50) Dimethylphthalate	9.62	163	814134	19.503	ng	100
51) 2,6-Dinitrotoluene	9.68	165	165741	17.871	ng	88
52) Acenaphthene	9.93	154	730188	23.582	ng	97
53) 3-Nitroaniline	9.85	138	214873	20.898	ng	98
54) 2,4-Dinitrophenol	9.95	184	44849	11.730	ng	# 30
55) Dibenzofuran	10.10	168	1075325	23.267	ng	98
56) 4-Nitrophenol	9.99	139	169204	27.390	ng	94
57) 2,4-Dinitrotoluene	10.08	165	200894	16.711	ng	98
58) Fluorene	10.45	166	797230	22.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199484	19.383	ng	99
60) Diethylphthalate	10.32	149	831828	21.145	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	393965	20.725	ng	93
62) 4-Nitroaniline	10.46	138	199080	18.925	ng	95
63) Azobenzene	10.60	77	843256	24.661	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	71007	11.276	ng	98
66) n-Nitrosodiphenylamine	10.56	169	730480	21.438	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	248814	18.292	ng	93
68) Hexachlorobenzene	11.00	284	253862	16.187	ng	94
69) Atrazine	11.09	200	194395	16.329	ng	98
70) Pentachlorophenol	11.19	266	142771	22.599	ng	99
71) Phenanthrene	11.41	178	1182518	20.837	ng	98
72) Anthracene	11.46	178	1203981	21.233	ng	99
73) Carbazole	11.62	167	1202019	23.795	ng	99
74) Di-n-butylphthalate	11.95	149	1241501	20.294	ng	99
75) Fluoranthene	12.60	202	1295654	21.508	ng	99
77) Benzidine	12.72	184	719573	22.038	ng	97
78) Pyrene	12.83	202	1326821	20.581	ng	98
80) Butylbenzylphthalate	13.46	149	493973	18.205	ng	95
81) Benzo(a)anthracene	14.02	228	1115686	20.395	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	437299	20.587	ng	97
83) Chrysene	14.06	228	1139079	20.897	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	634919	18.522	ng	# 99
85) Di-n-octyl phthalate	14.63	149	1127135	20.637	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1145191	21.698	ng	100
88) Benzo(b)fluoranthene	15.07	252	1119255	19.713	ng	99
89) Benzo(k)fluoranthene	15.10	252	1156058	21.971	ng	98
90) Benzo(a)pyrene	15.44	252	1073585	20.951	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	956733	21.219	ng	100
92) Benzo(g,h,i)perylene	17.41	276	934274	20.972	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

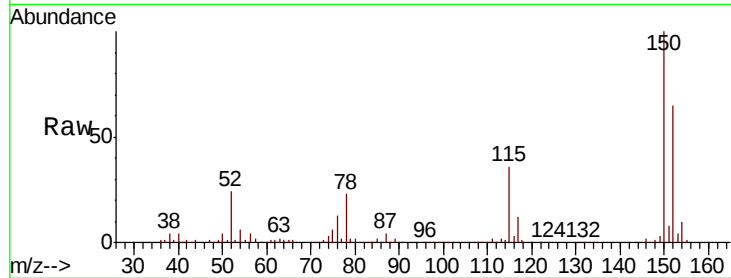


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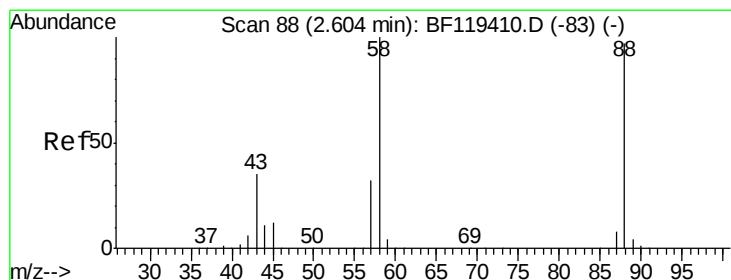
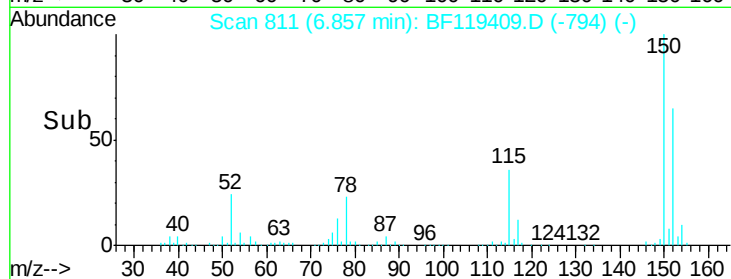
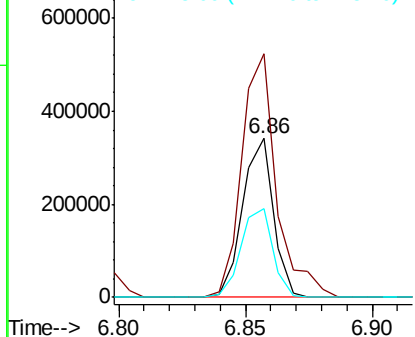
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:152 Resp: 287681
Ion Ratio Lower Upper
152 100
150 153.5 123.9 185.9
115 55.7 47.8 71.6



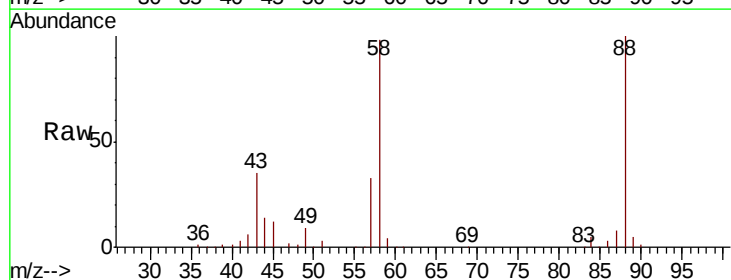
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



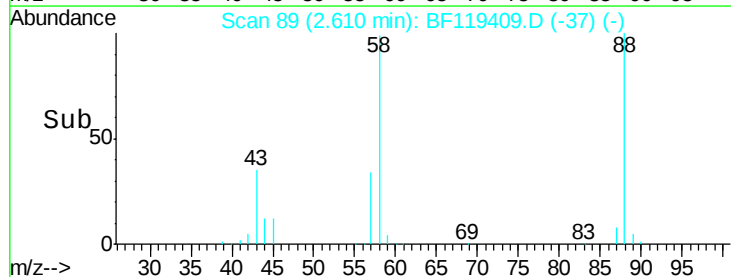
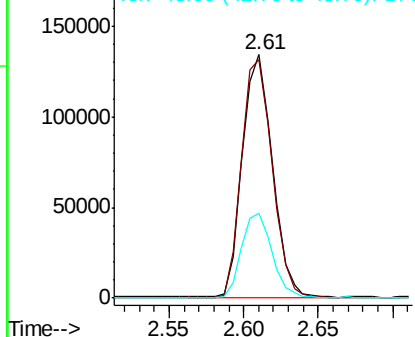
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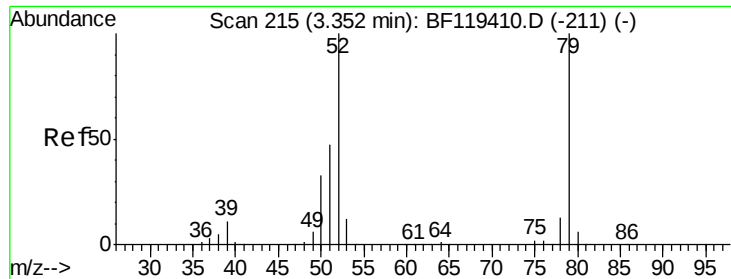
1,4-Dioxane
Concen: 24.369 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion: 88 Resp: 186773
Ion Ratio Lower Upper
88 100
58 100.4 79.4 119.2
43 36.0 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.117 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

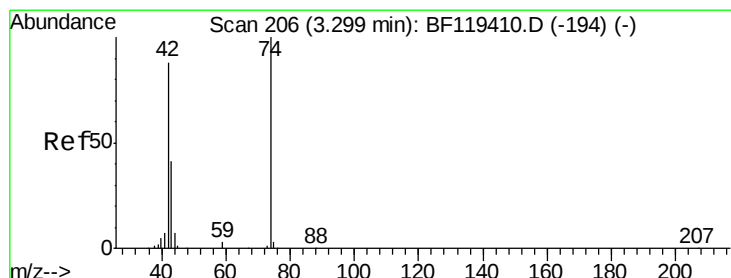
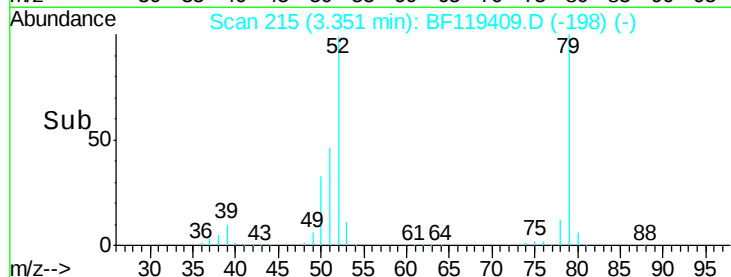
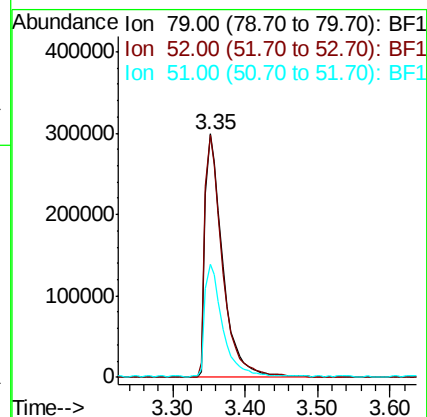
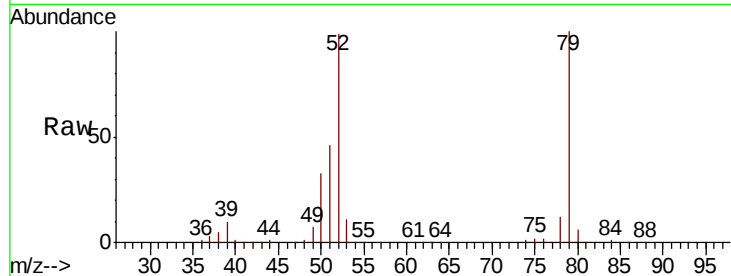
Tot Ion: 79 Resp: 504800

Ion Ratio Lower Upper

79 100

52 99.4 80.0 120.0

51 46.3 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 39.236 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

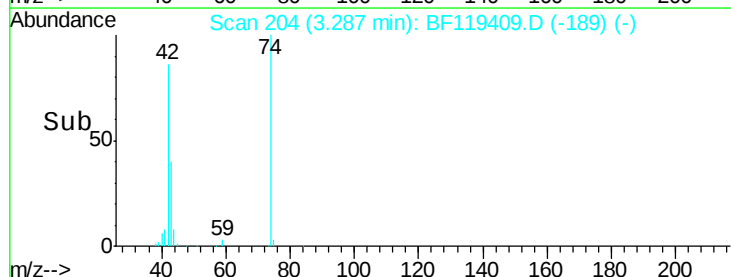
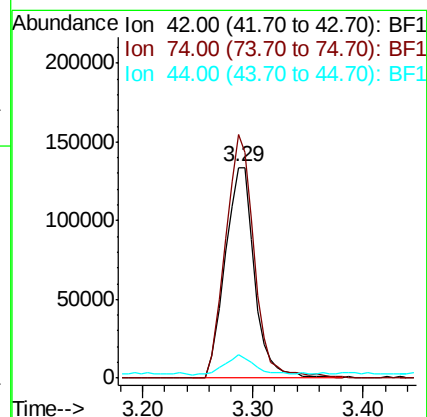
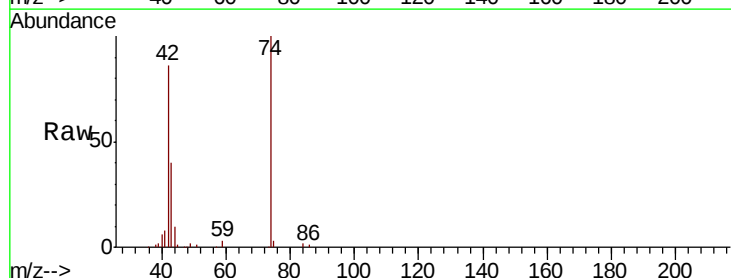
Tgt Ion: 42 Resp: 248788

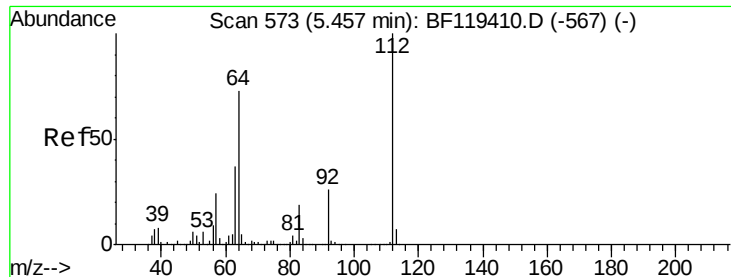
Ion Ratio Lower Upper

42 100

74 115.6 91.3 136.9

44 11.1 7.1 10.7#





#5

2-Fluorophenol

Concen: 45.709 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

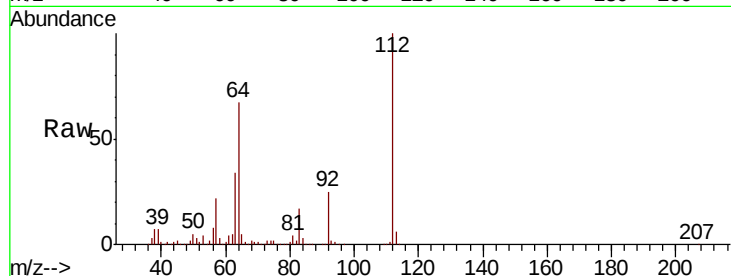
Tot Ion:112 Resp: 786843

Ion Ratio Lower Upper

112 100

64 67.0 58.1 87.1

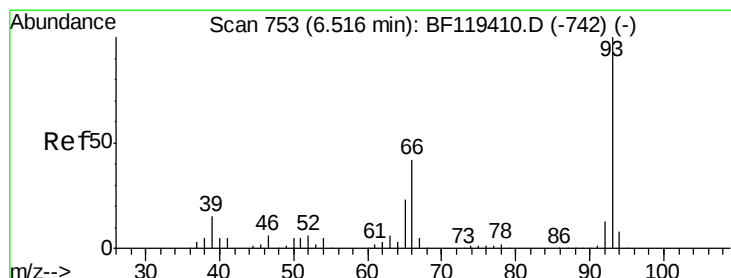
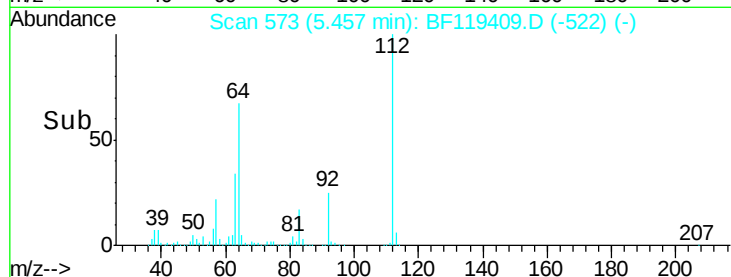
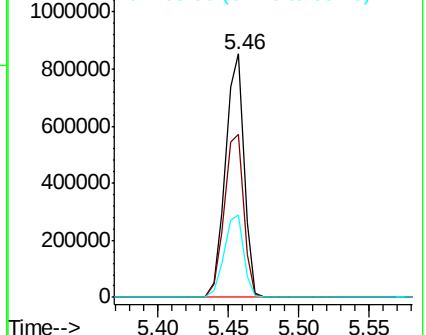
63 33.9 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.479 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

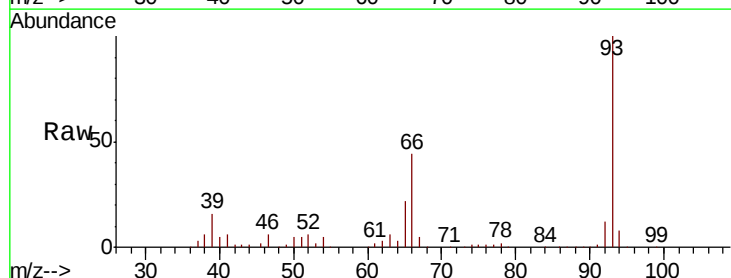
Tgt Ion: 93 Resp: 684031

Ion Ratio Lower Upper

93 100

66 43.6 34.2 51.4

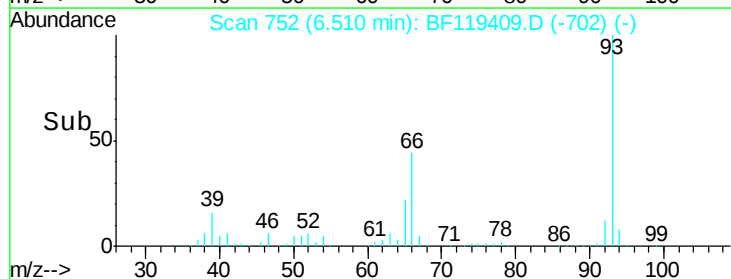
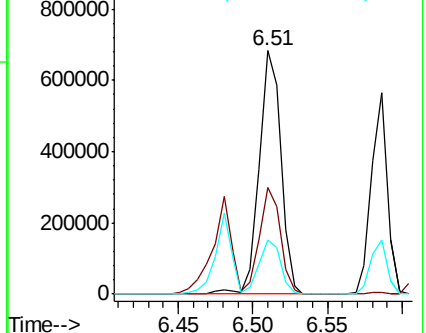
65 22.3 18.2 27.4

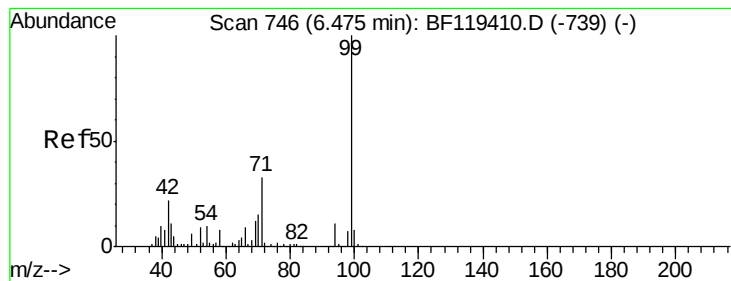


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.236 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

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SSTDICC020

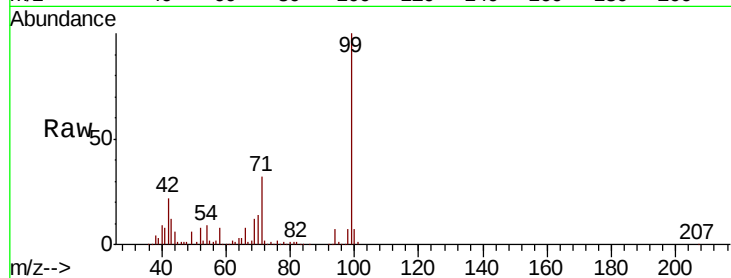
Tot Ion: 99 Resp: 1009866

Ion Ratio Lower Upper

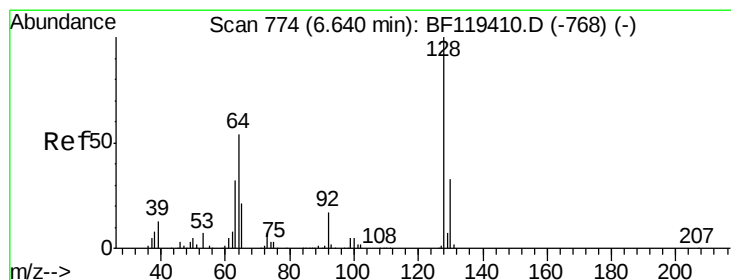
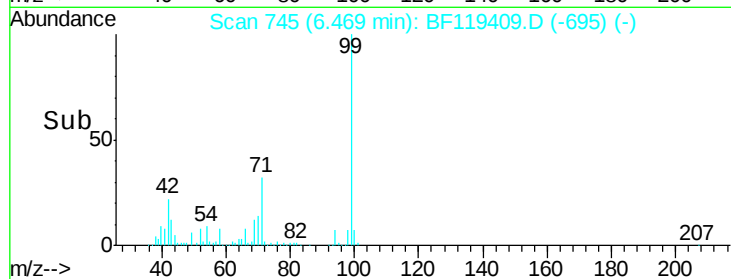
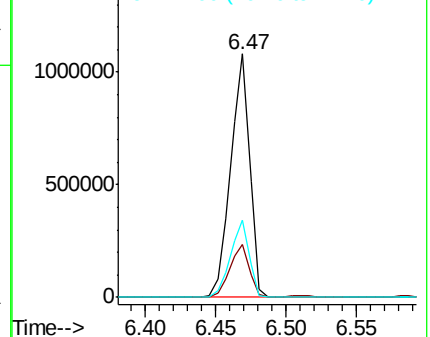
99 100

42 21.5 17.8 26.6

71 31.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 22.151 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

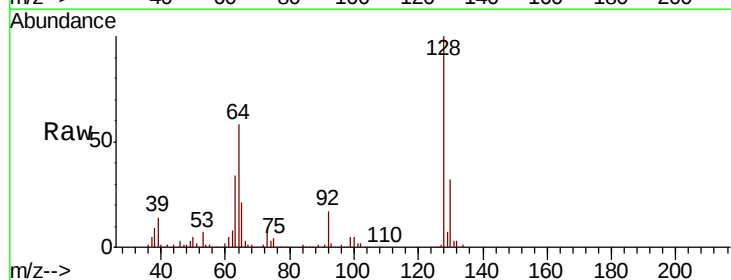
Tgt Ion: 128 Resp: 411504

Ion Ratio Lower Upper

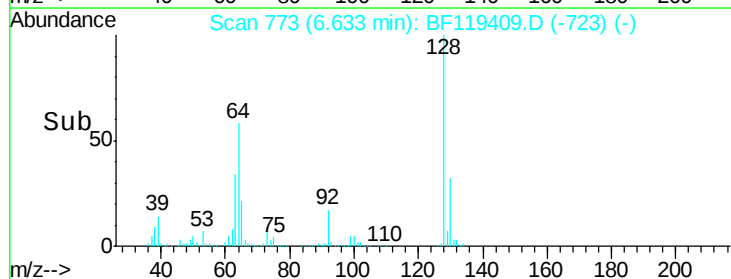
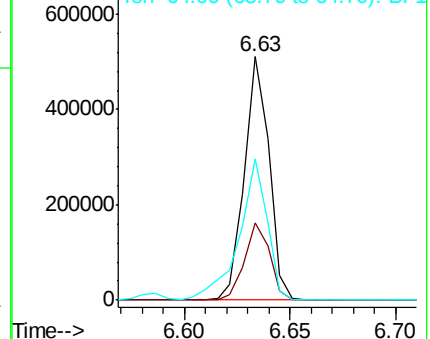
128 100

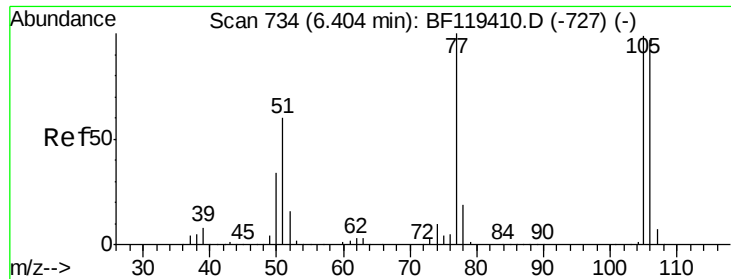
130 31.6 13.0 53.0

64 58.1 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.985 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

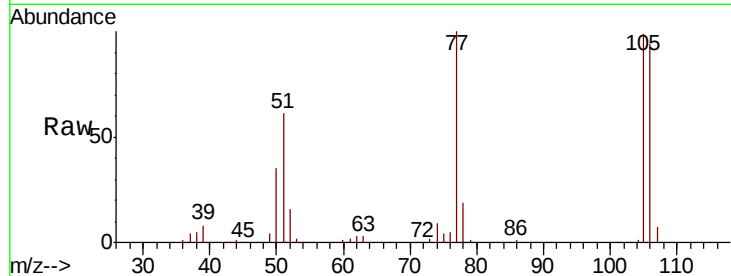
Tot Ion: 77 Resp: 321496

Ion Ratio Lower Upper

77 100

105 98.6 78.6 118.6

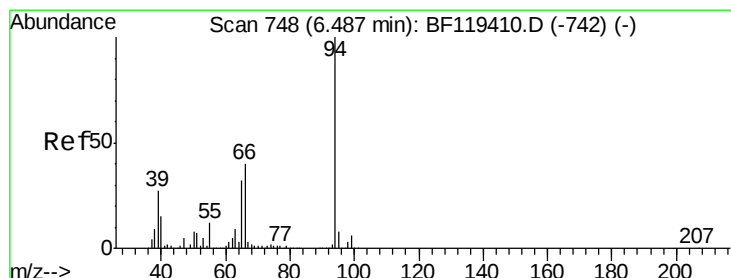
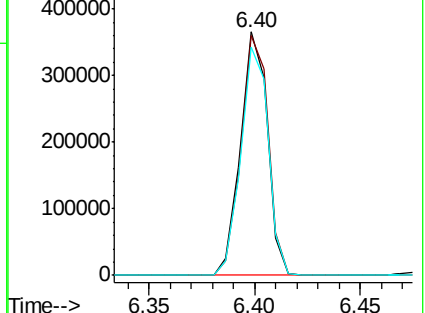
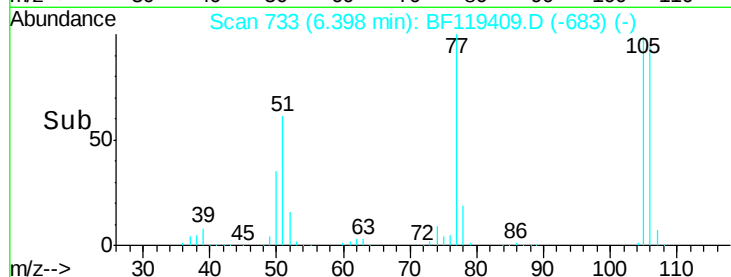
106 93.7 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.350 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

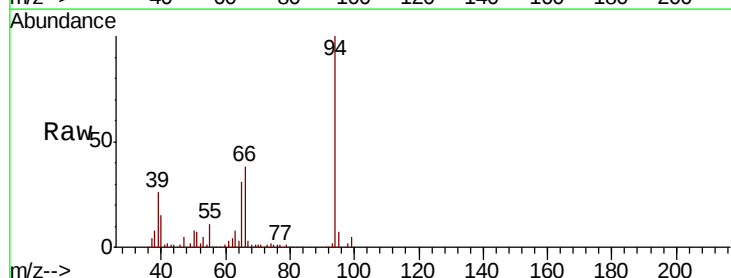
Tgt Ion: 94 Resp: 528532

Ion Ratio Lower Upper

94 100

65 31.1 12.0 52.0

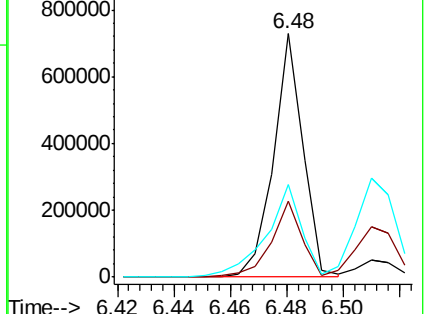
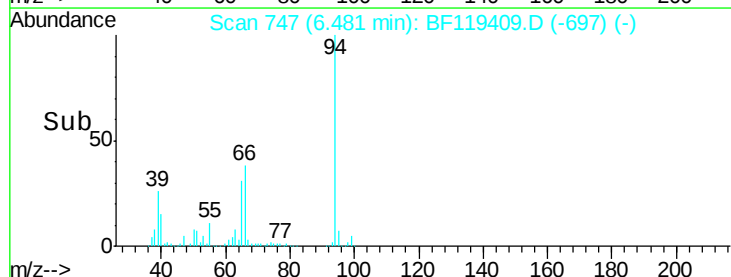
66 37.8 20.6 60.6

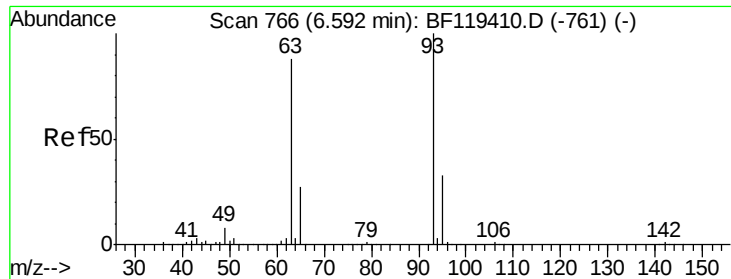


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.048 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

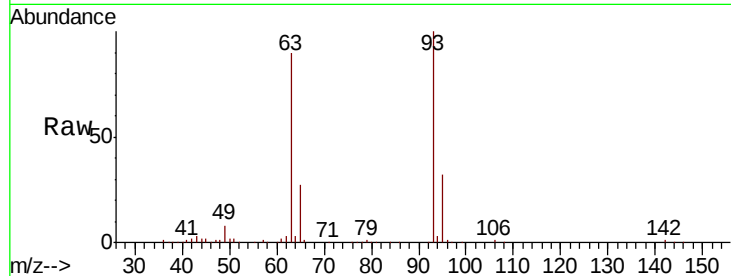
Tot Ion: 93 Resp: 416497

Ion Ratio Lower Upper

93 100

63 90.2 68.4 108.4

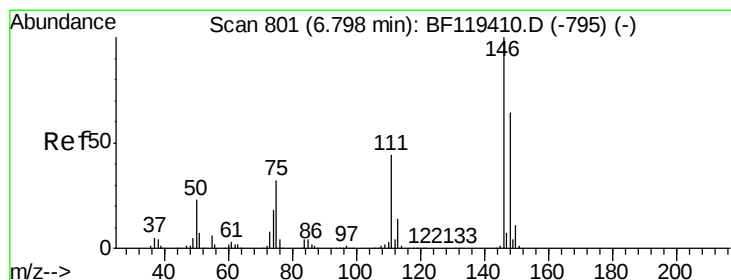
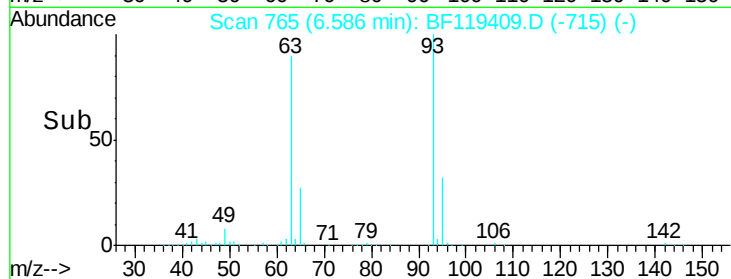
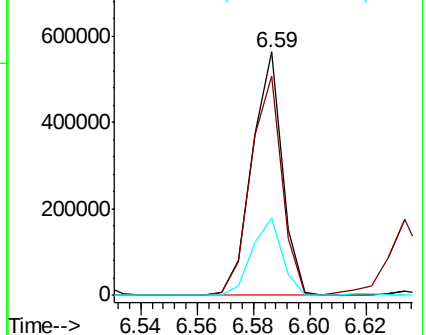
95 31.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 20.067 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

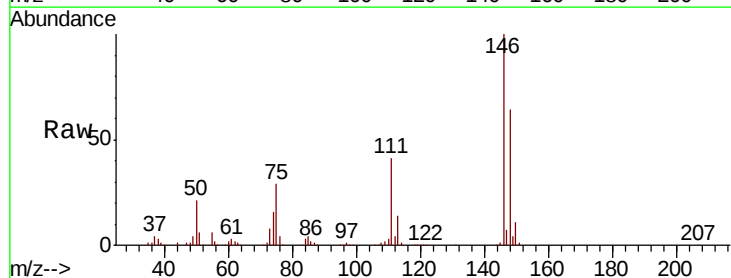
Tgt Ion: 146 Resp: 446818

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

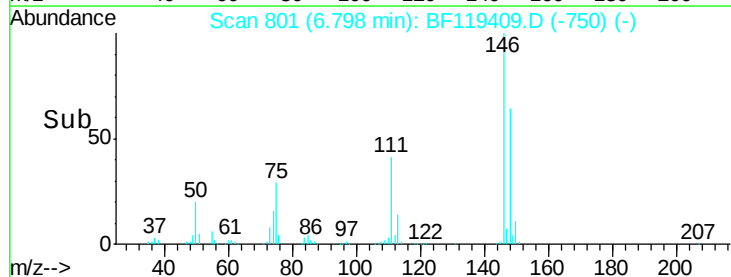
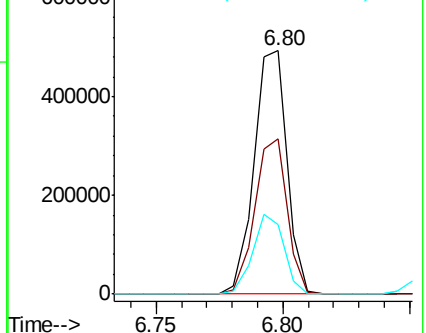
75 28.7 25.8 38.8

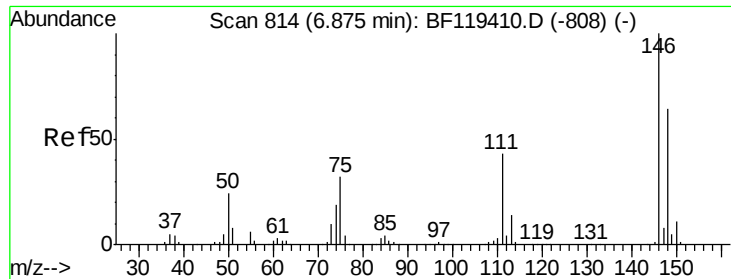


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

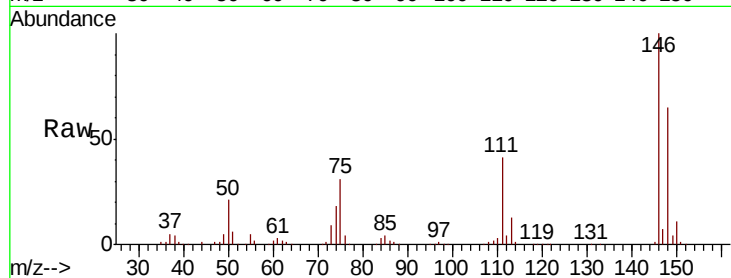




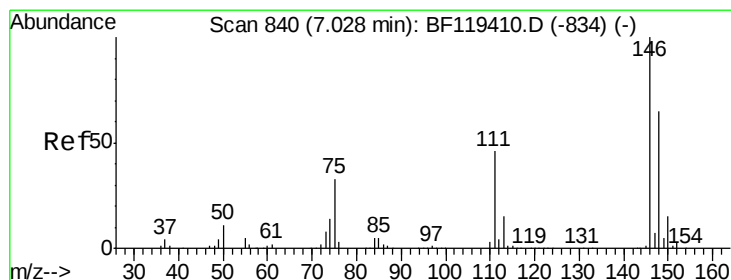
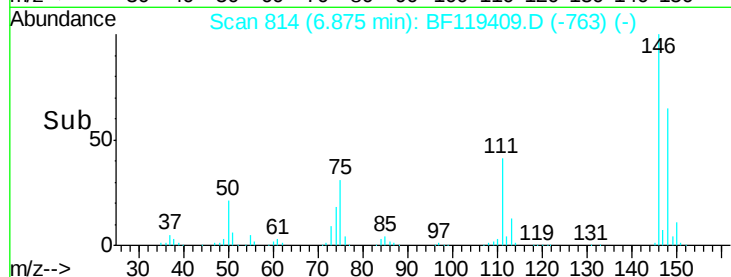
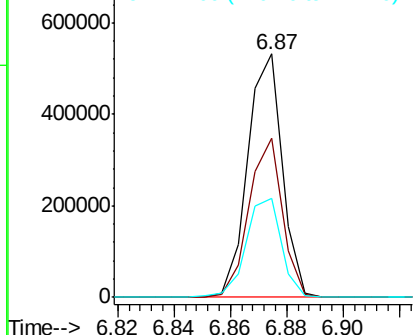
#13
 1,4-Dichlorobenzene
 Concen: 20.255 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC020

Tot Ion:146 Resp: 451319
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.9 76.3
 111 40.7 34.6 52.0

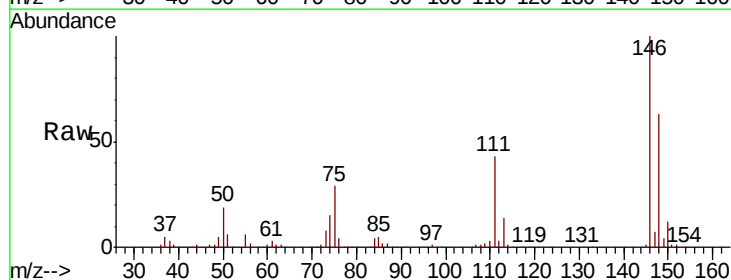


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

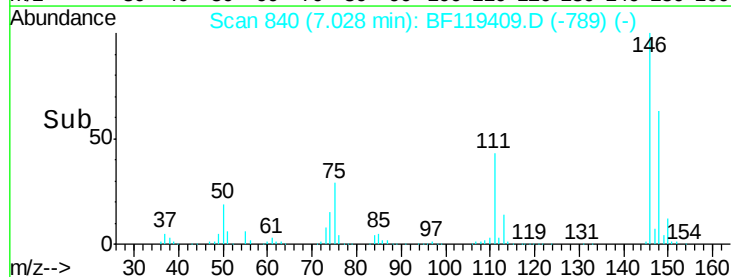
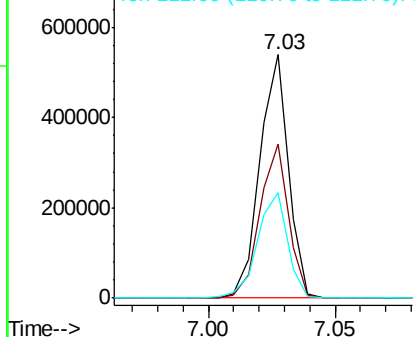


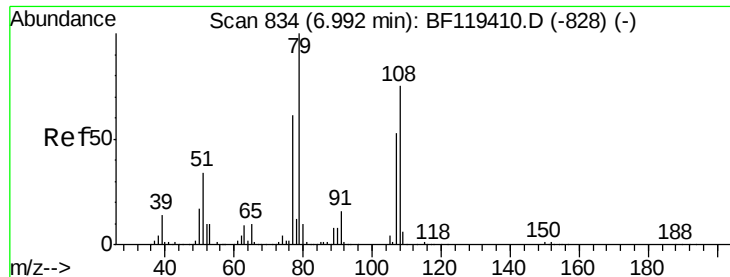
#14
 1,2-Dichlorobenzene
 Concen: 20.975 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Tgt Ion:146 Resp: 426229
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.7 77.5
 111 43.2 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.734 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

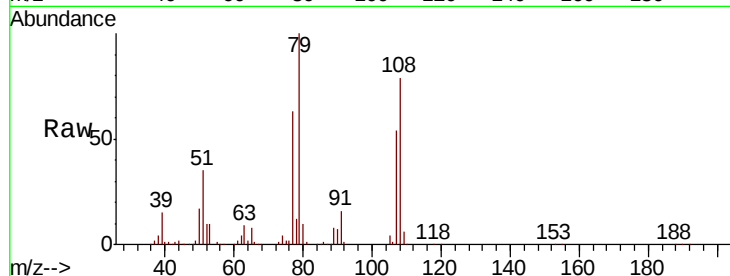
Tot Ion: 79 Resp: 374244

Ion Ratio Lower Upper

79 100

108 78.8 60.4 90.6

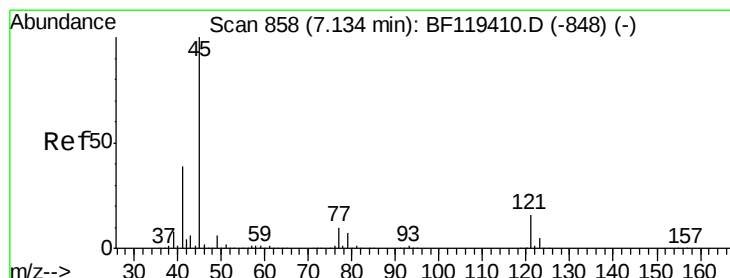
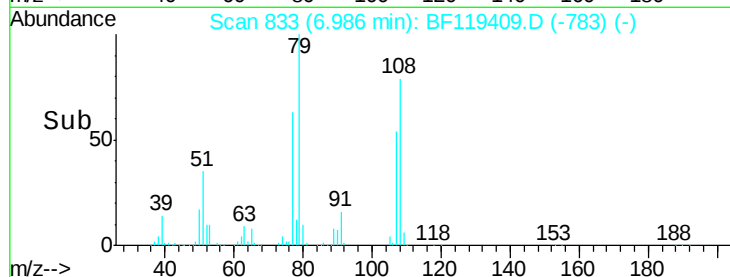
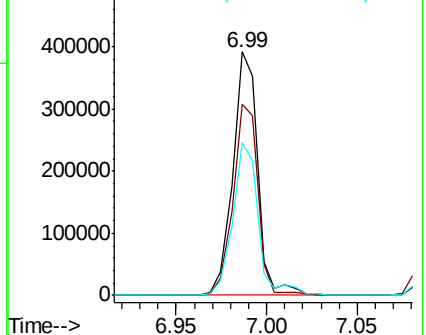
77 62.5 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.371 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

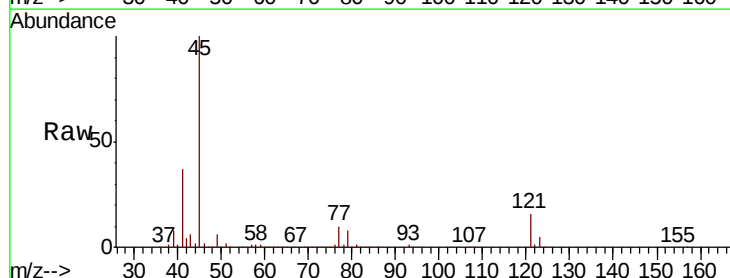
Tgt Ion: 45 Resp: 845727

Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.1

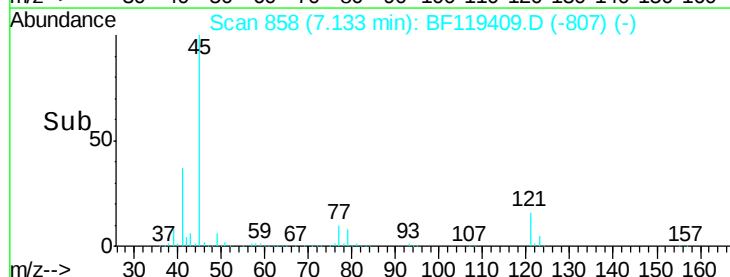
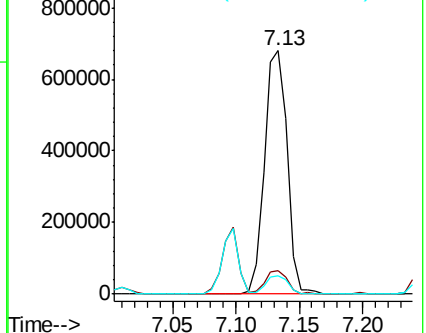
79 7.5 0.0 27.4

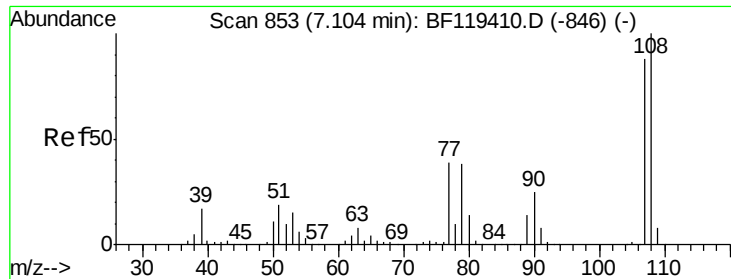


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

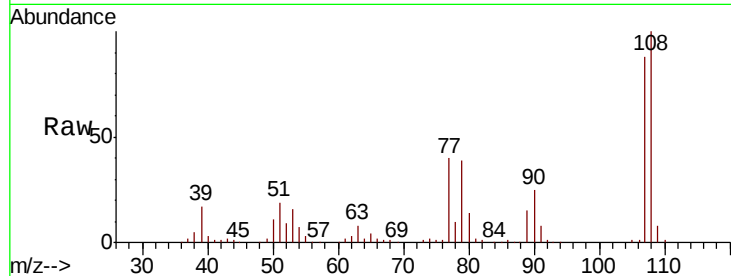




#17
2-Methylphenol
Concen: 24.727 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.7	136.1
77	45.1	35.6	53.4
79	44.0	34.7	52.1



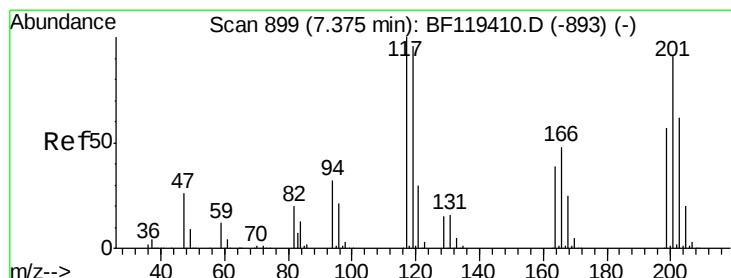
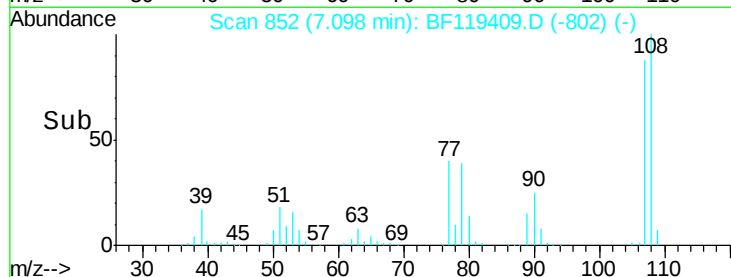
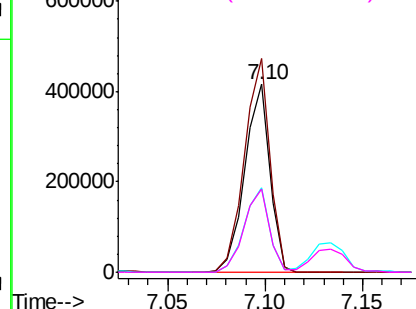
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

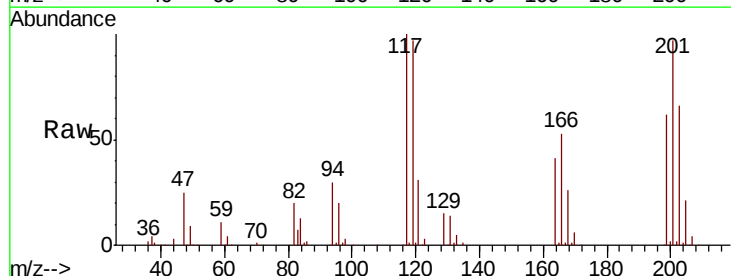
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 19.654 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.8	115.2
201	97.5	72.5	108.7

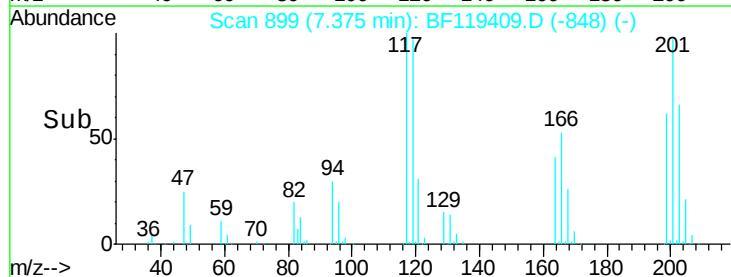
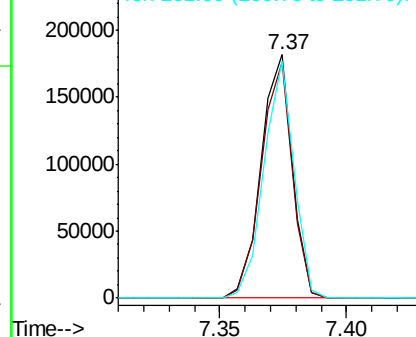


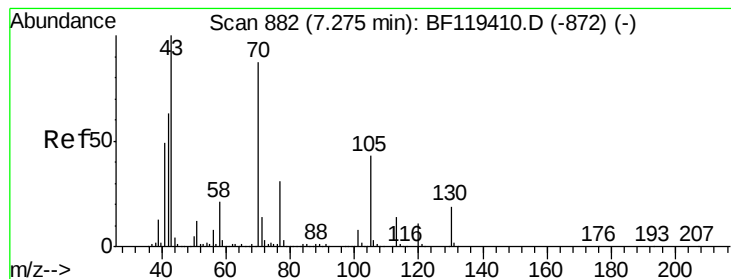
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 24.307 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion: 70 Resp: 296522

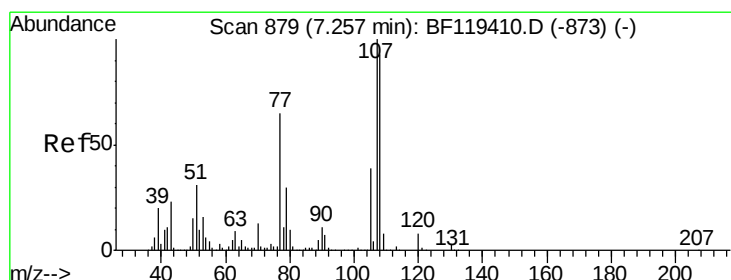
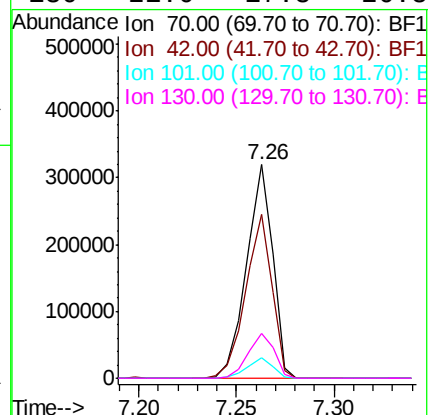
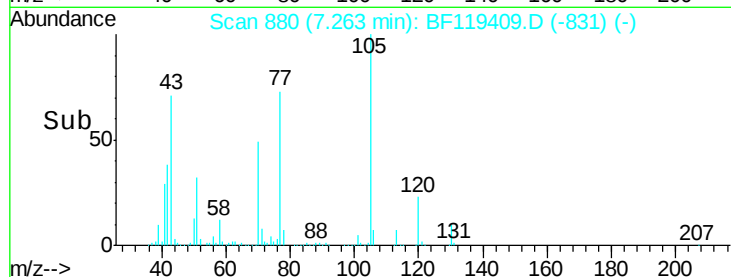
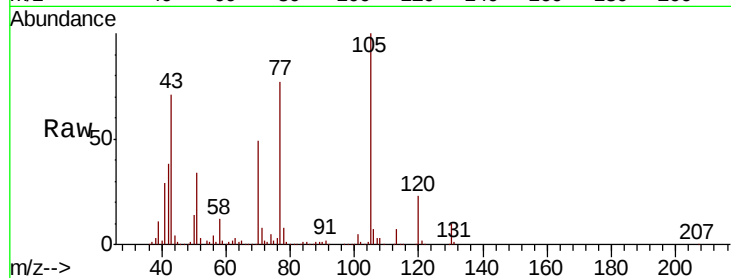
Ion Ratio Lower Upper

70 100

42 76.9 58.2 87.4

101 9.6 7.4 11.2

130 21.0 17.8 26.8



#20

3+4-Methylphenols

Concen: 26.079 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Tgt Ion: 107 Resp: 481223

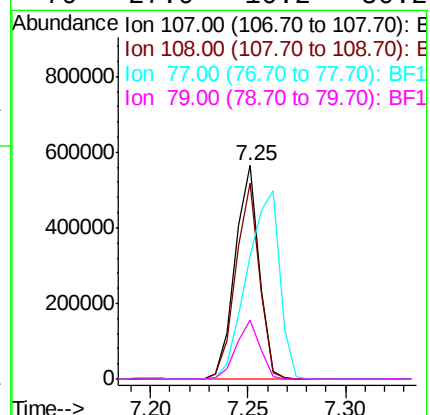
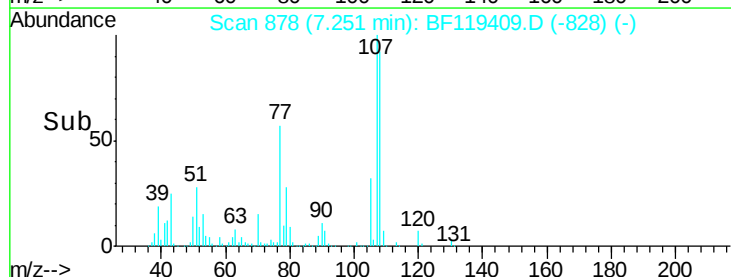
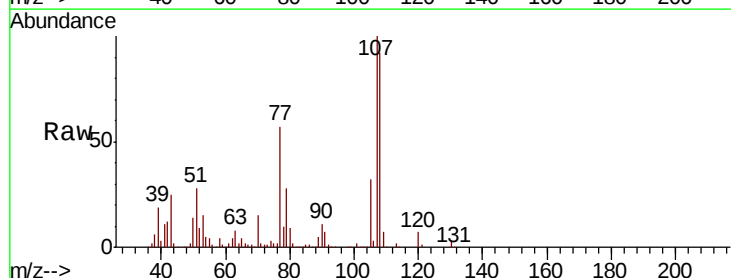
Ion Ratio Lower Upper

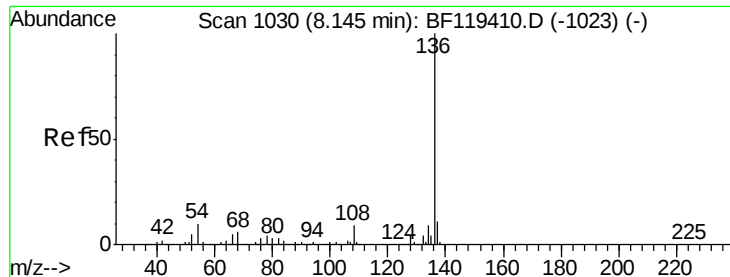
107 100

108 91.9 72.6 112.6

77 57.3 44.7 84.7

79 27.9 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:136 Resp: 1088377

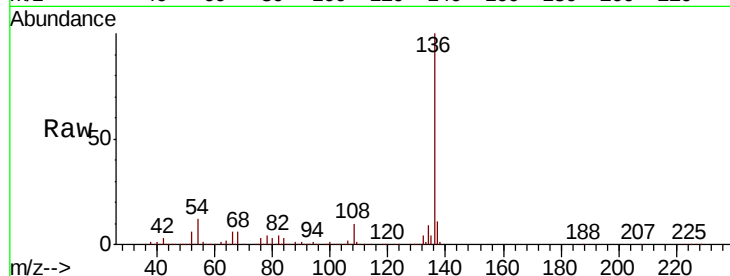
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.9 8.3 12.5

68 6.4 4.9 7.3

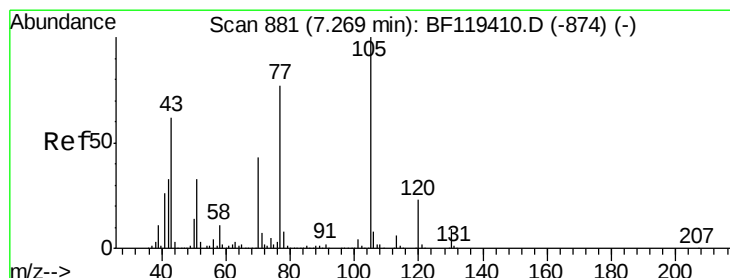
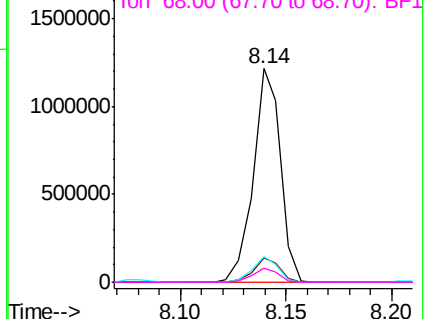
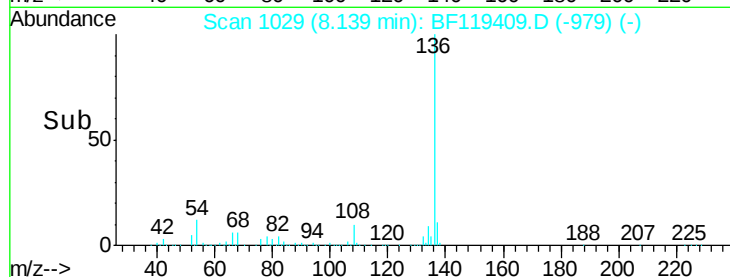


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 22.033 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Tgt Ion:105 Resp: 554840

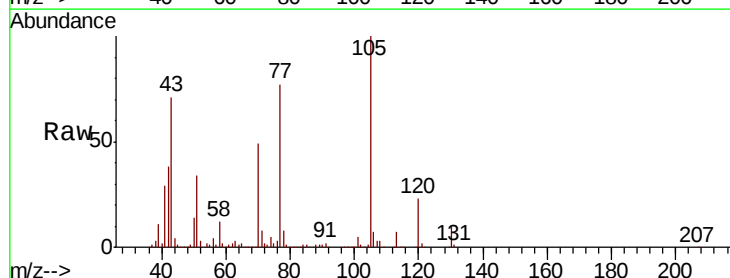
Ion Ratio Lower Upper

105 100

71 8.4 5.8 8.6

51 33.8 26.8 40.2

120 22.8 18.0 27.0

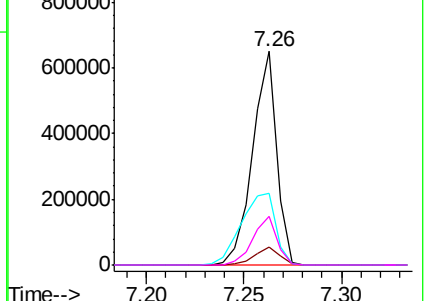
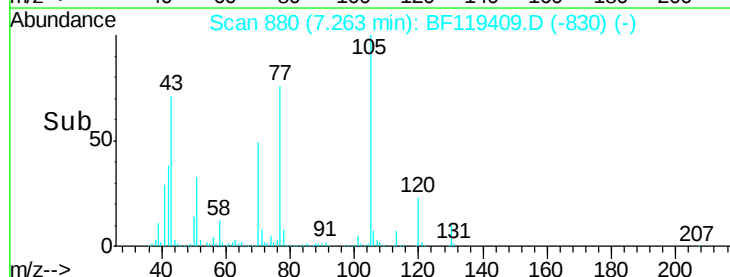


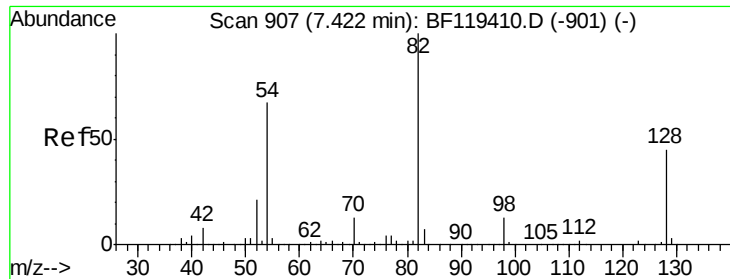
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

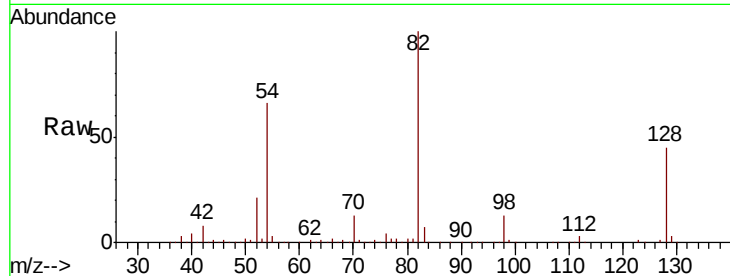




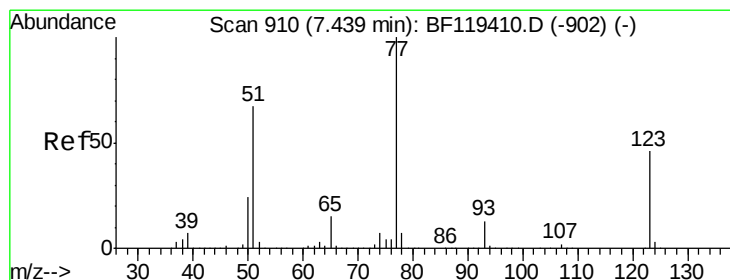
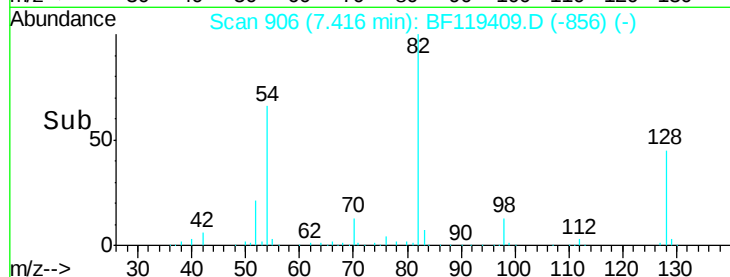
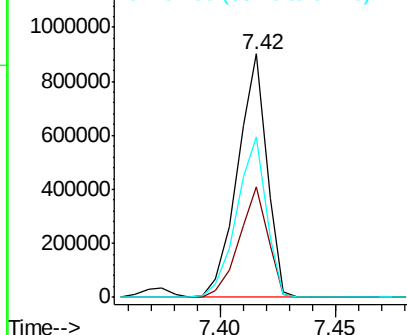
#23
Nitrobenzene-d5
Concen: 38.857 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion: 82 Resp: 800973
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.8
54 66.0 53.4 80.0

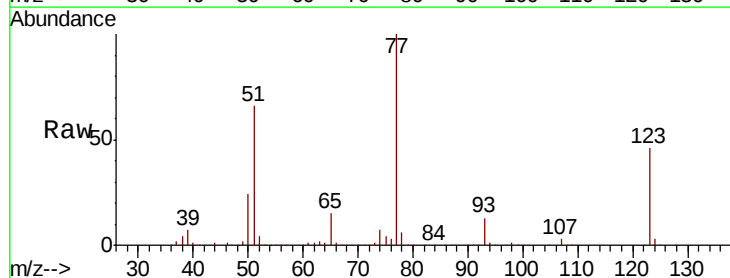


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

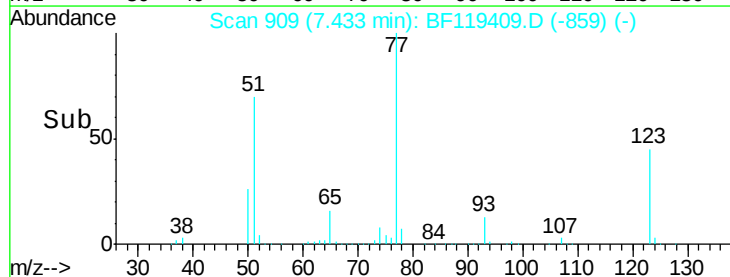
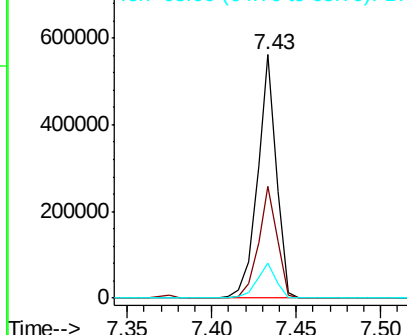


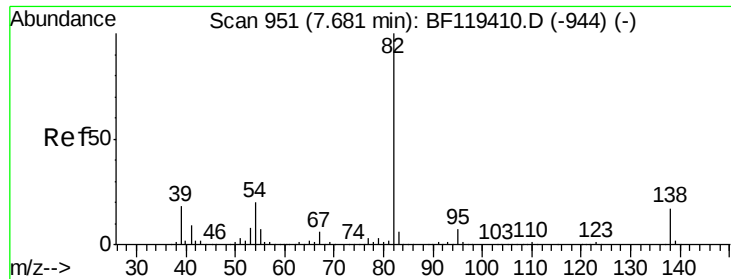
#24
Nitrobenzene
Concen: 21.409 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion: 77 Resp: 436414
Ion Ratio Lower Upper
77 100
123 46.1 36.9 55.3
65 14.5 12.2 18.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 22.895 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

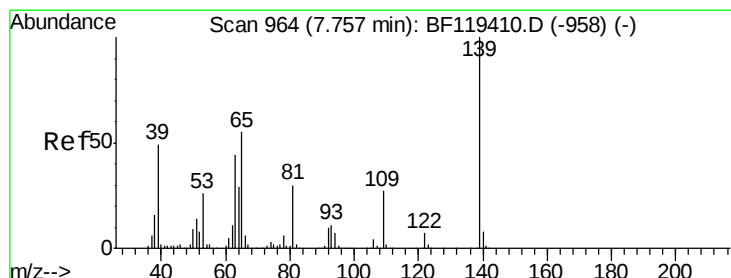
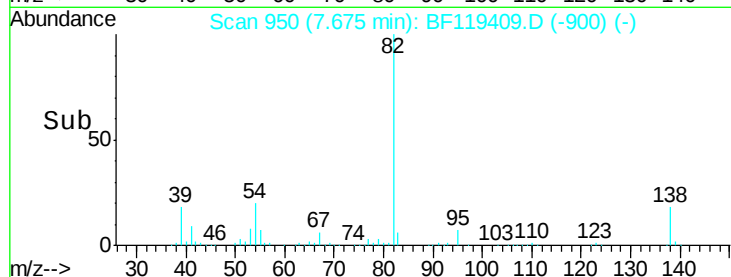
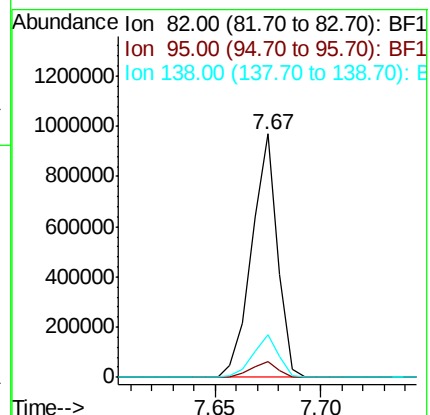
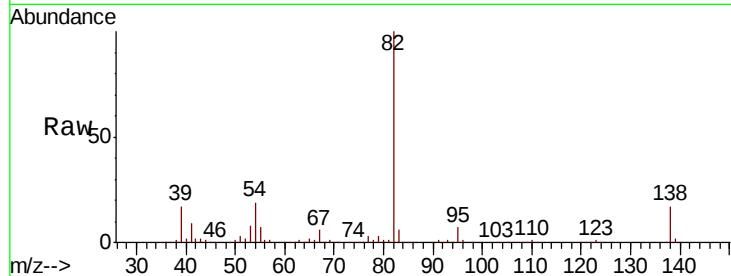
Tot Ion: 82 Resp: 819612

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 17.4 13.8 20.8



#26

2-Nitrophenol

Concen: 13.845 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

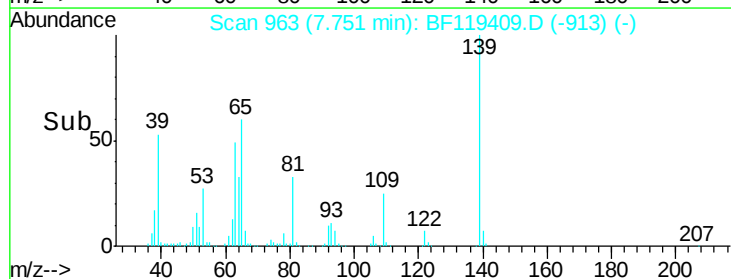
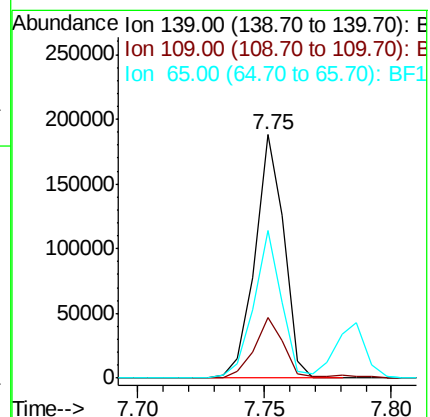
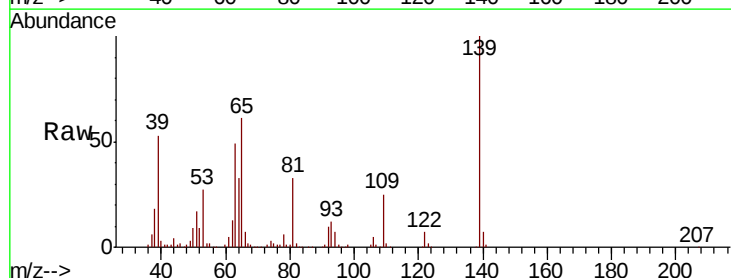
Tgt Ion: 139 Resp: 149538

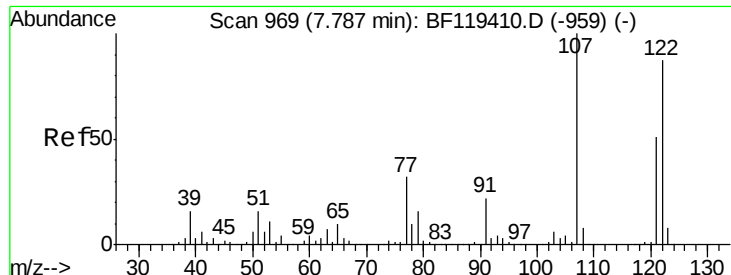
Ion Ratio Lower Upper

139 100

109 25.0 21.7 32.5

65 60.6 43.9 65.9

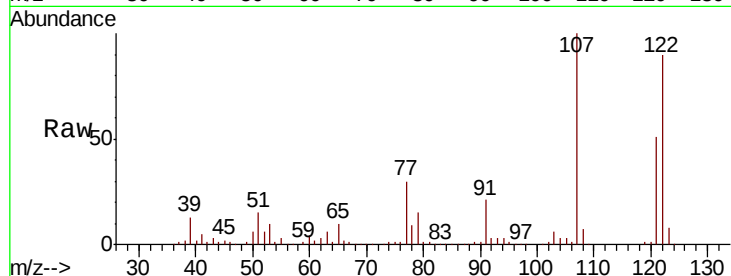




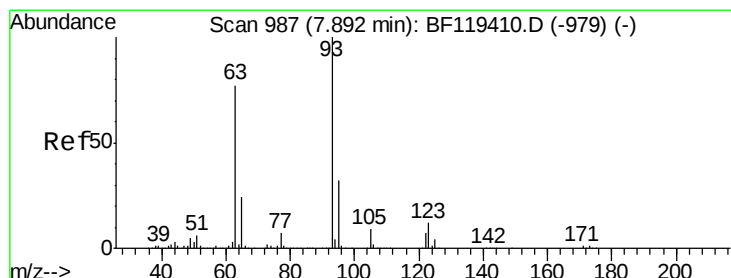
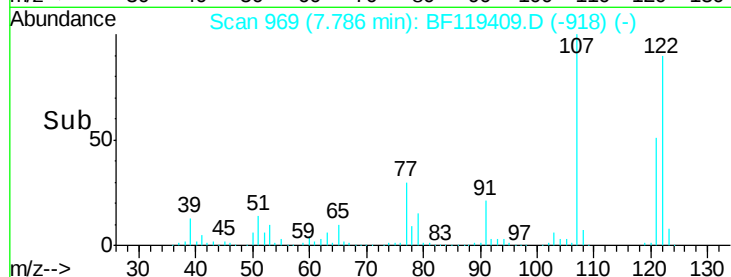
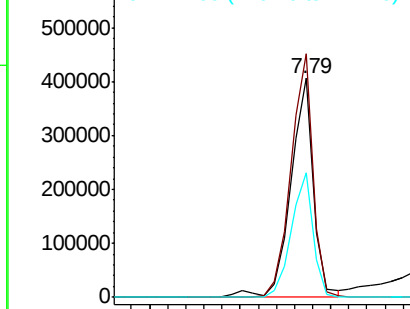
#27
2,4-Dimethylphenol
Concen: 24.372 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:122 Resp: 357250
Ion Ratio Lower Upper
122 100
107 111.2 91.8 137.6
121 57.0 46.5 69.7

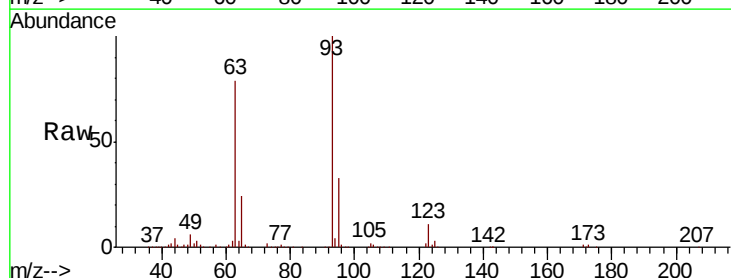


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

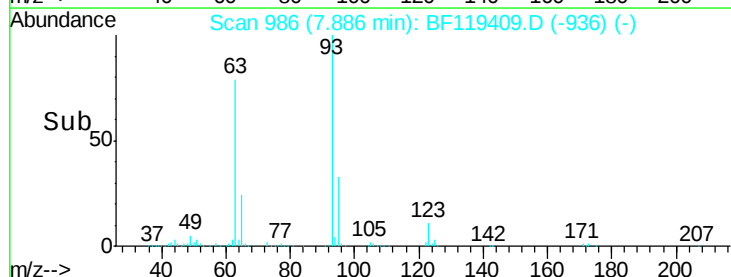
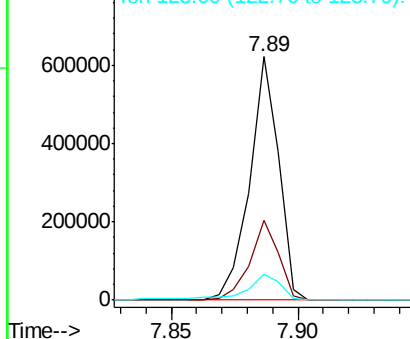


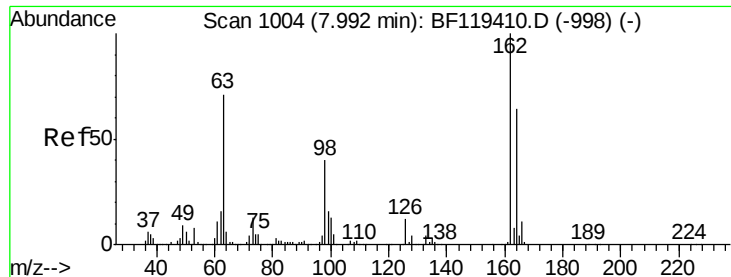
#28
bis(2-Chloroethoxy)methane
Concen: 21.275 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion: 93 Resp: 495729
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 10.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

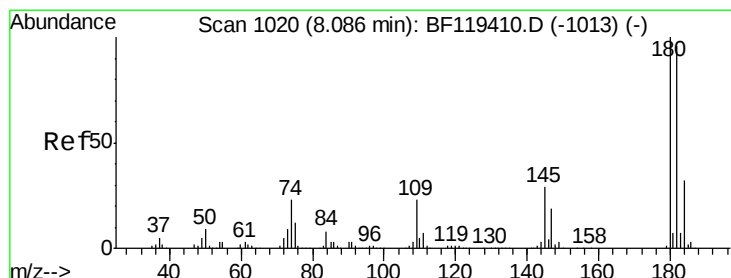
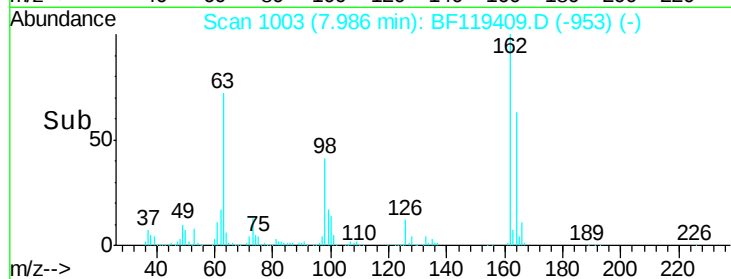
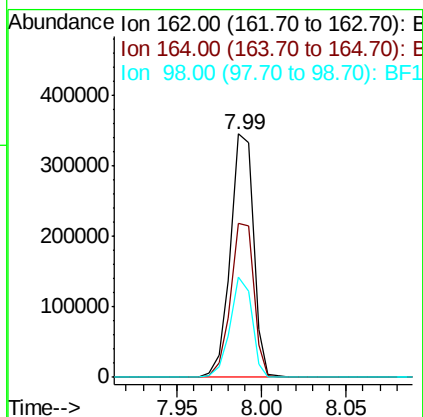
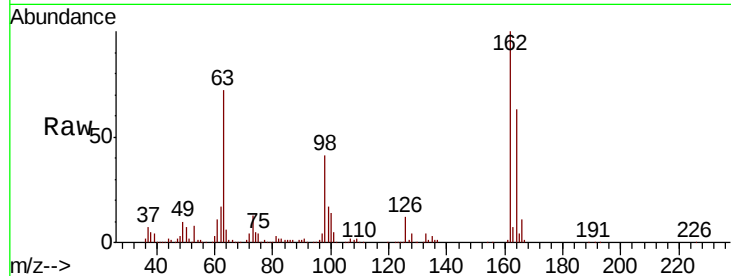




#29
2,4-Dichlorophenol
Concen: 18.995 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

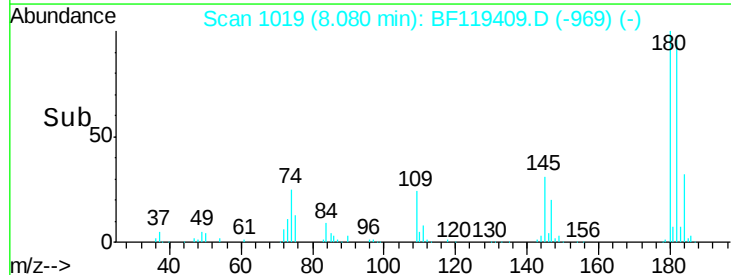
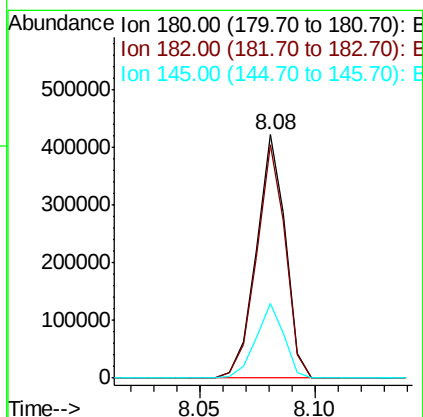
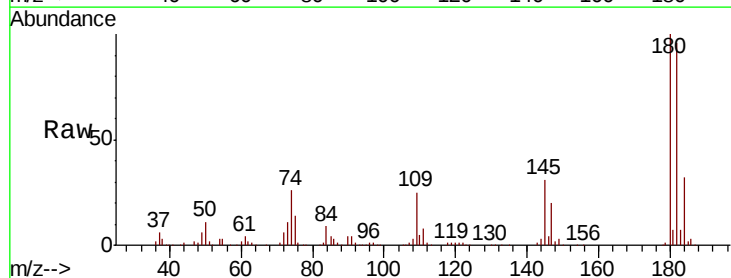
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

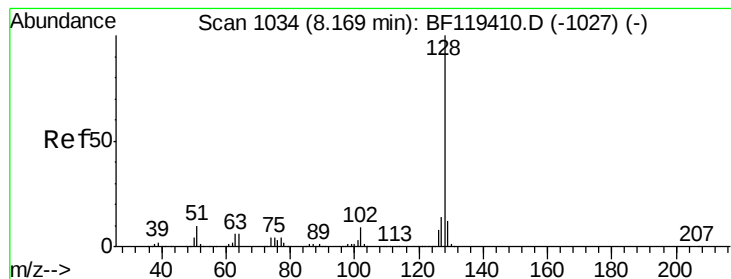
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	41.4	20.4	60.4



#30
1,2,4-Trichlorobenzene
Concen: 17.974 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	30.7	23.2	34.8





#31

Naphthalene

Concen: 21.524 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

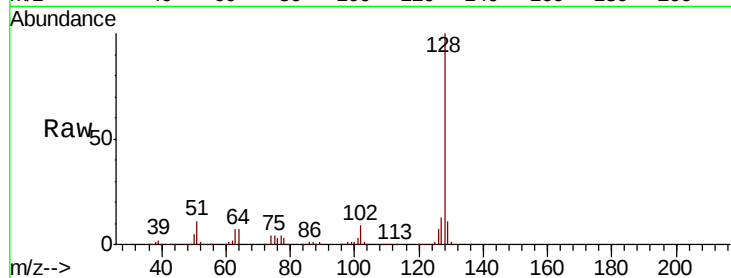
Tot Ion:128 Resp: 1214938

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

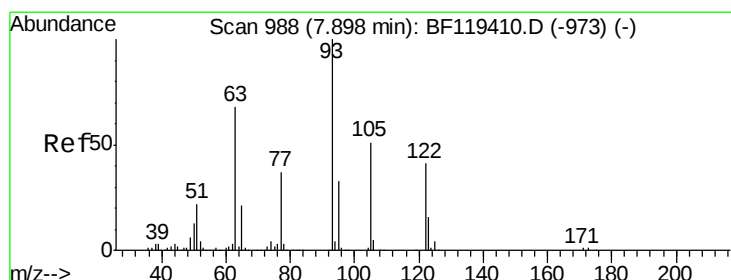
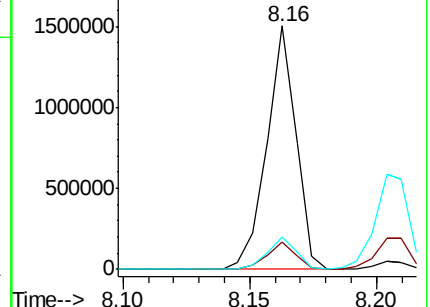
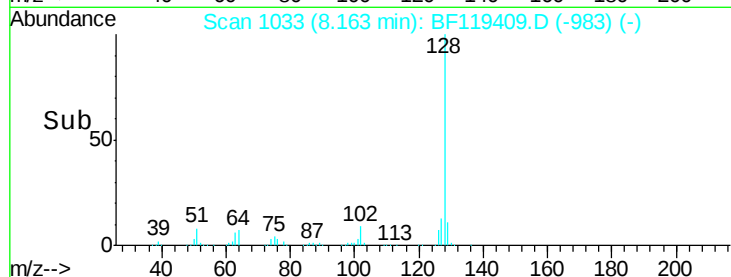
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.505 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

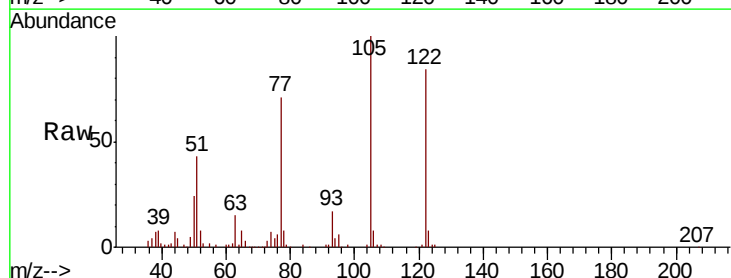
Tgt Ion:122 Resp: 184808

Ion Ratio Lower Upper

122 100

105 118.6 102.9 142.9

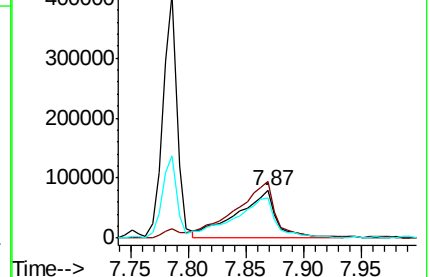
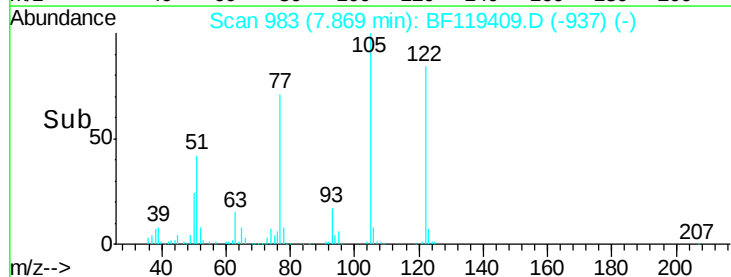
77 84.1 70.1 110.1

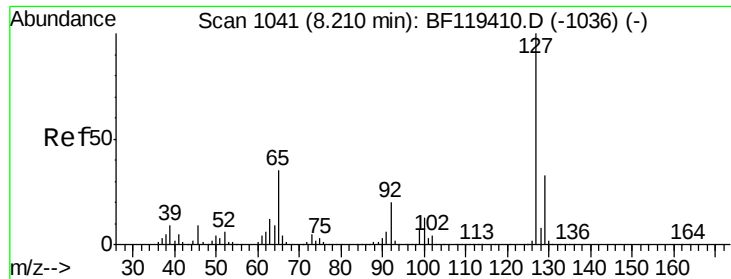


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

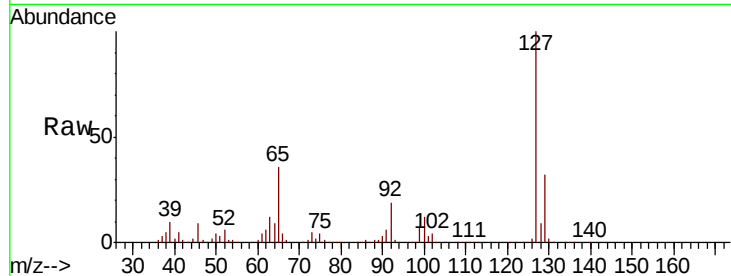




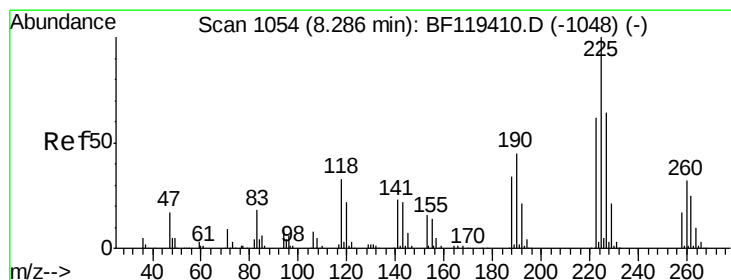
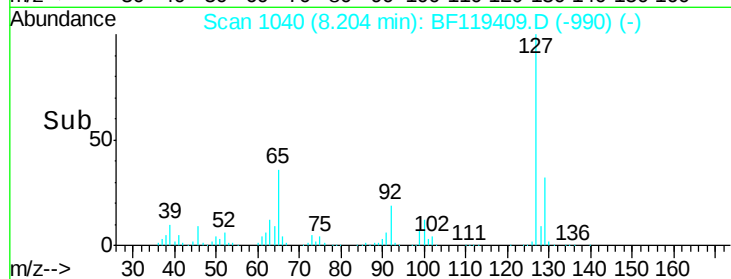
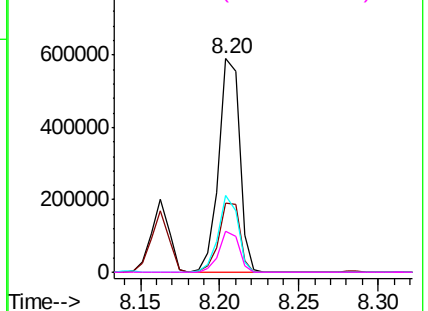
#33
4-Chloroaniline
Concen: 22.357 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	127	Resp:	542781
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	36.1	27.7	41.5
92	19.0	15.8	23.6

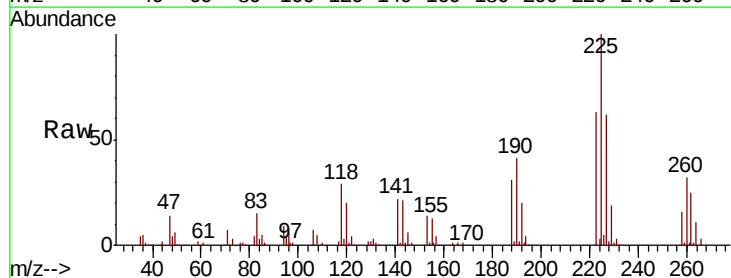


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

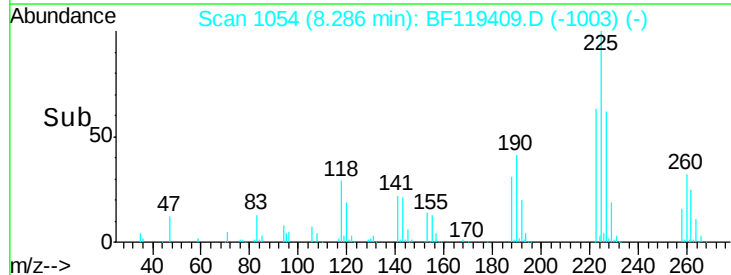
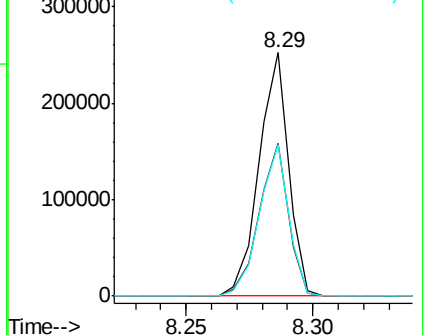


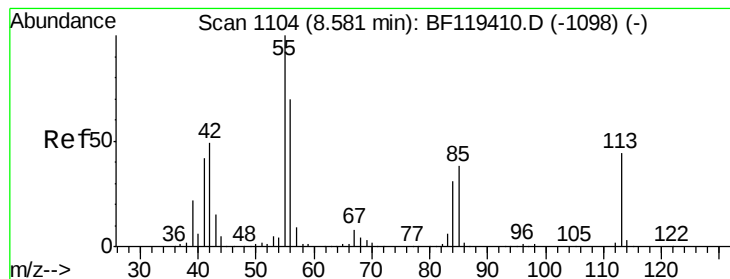
#34
Hexachlorobutadiene
Concen: 16.180 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:	225	Resp:	206200
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.2	73.8
227	62.3	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.258 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

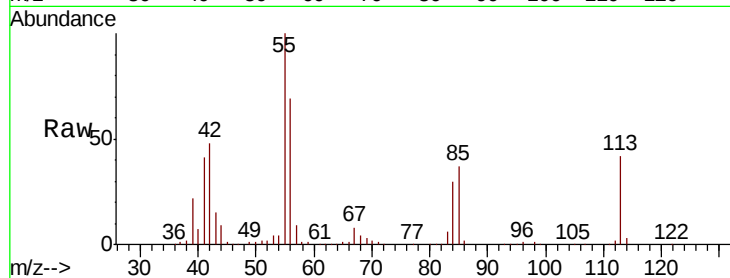
Tot Ion:113 Resp: 107641

Ion Ratio Lower Upper

113 100

55 235.6 208.4 248.4

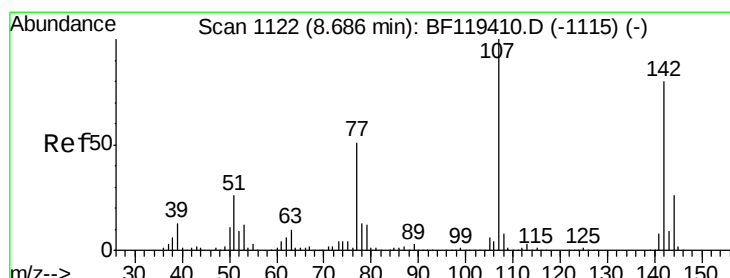
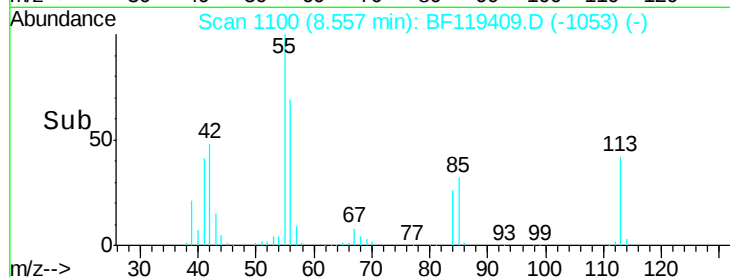
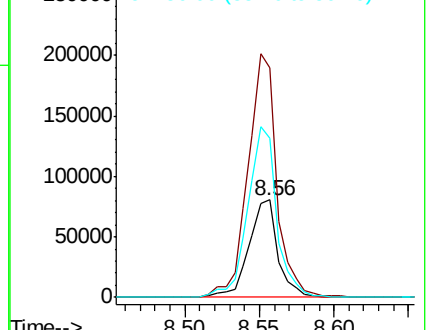
56 163.6 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 20.579 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

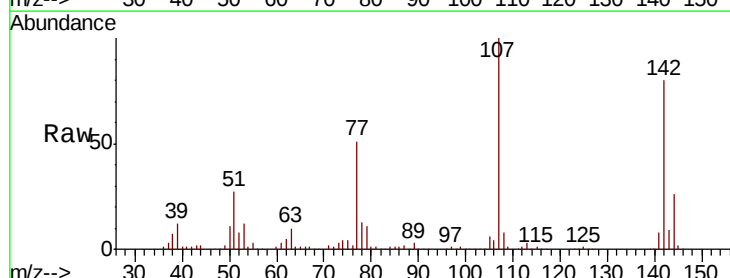
Tgt Ion:107 Resp: 359401

Ion Ratio Lower Upper

107 100

144 26.0 20.6 31.0

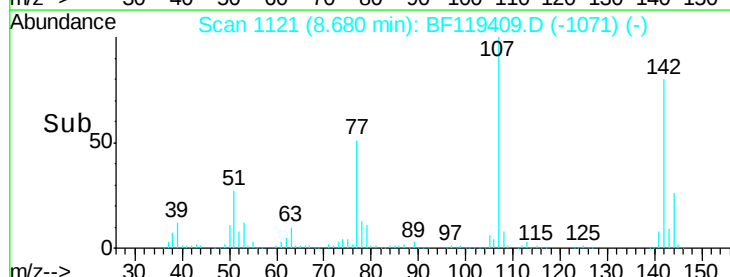
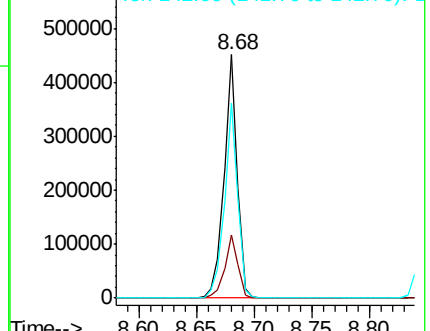
142 80.0 63.8 95.6

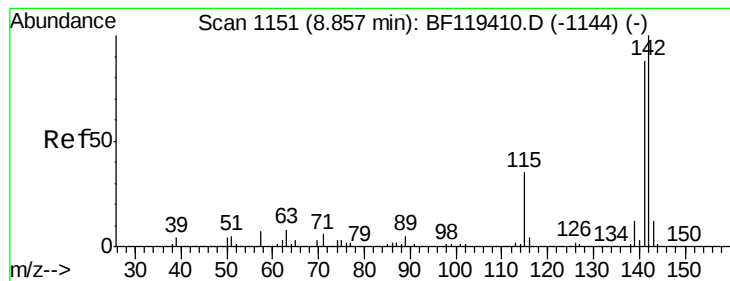


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.594 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

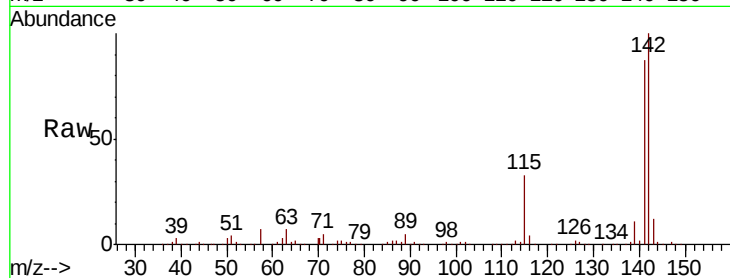
Tot Ion:142 Resp: 782263

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6

115 32.8 27.8 41.6



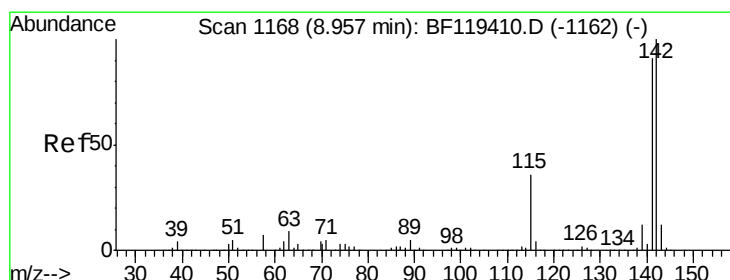
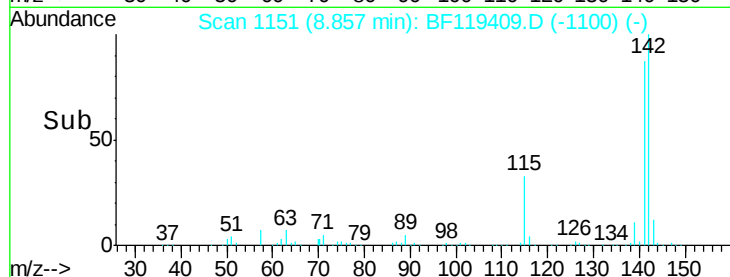
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.86

Time-->



#38

1-Methylnaphthalene

Concen: 20.791 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

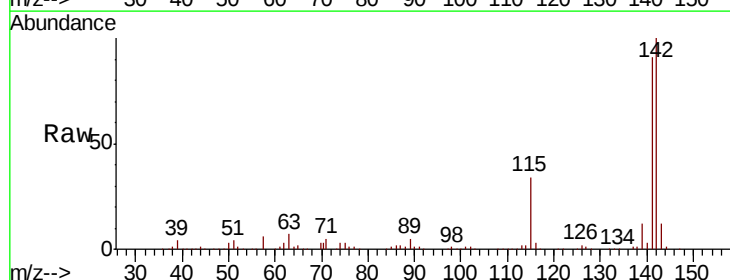
Tgt Ion:142 Resp: 742738

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7

116 3.4 3.0 4.6



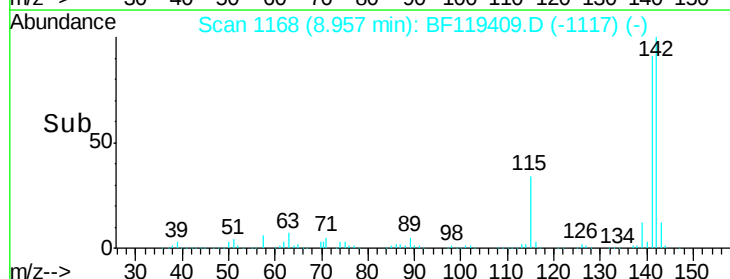
Abundance Ion 142.00 (141.70 to 142.70): E

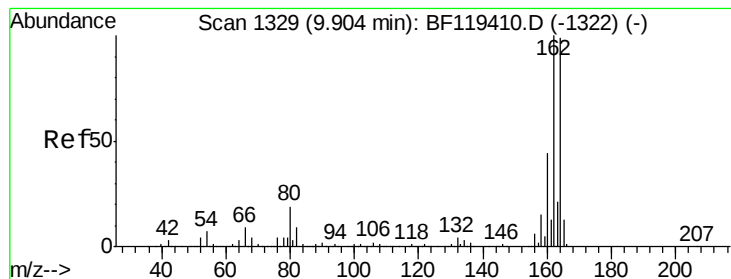
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.96

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

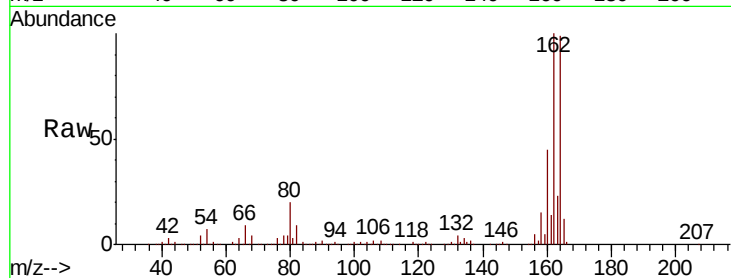
Tot Ion:164 Resp: 545909

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 45.4 35.5 53.3

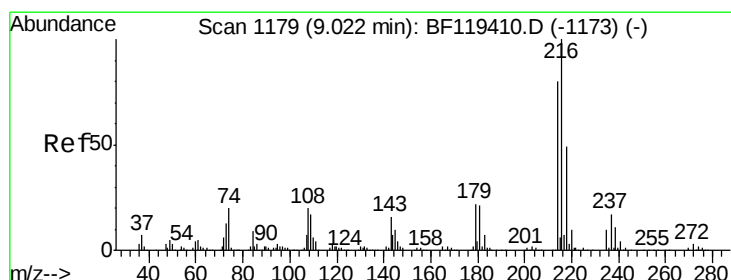
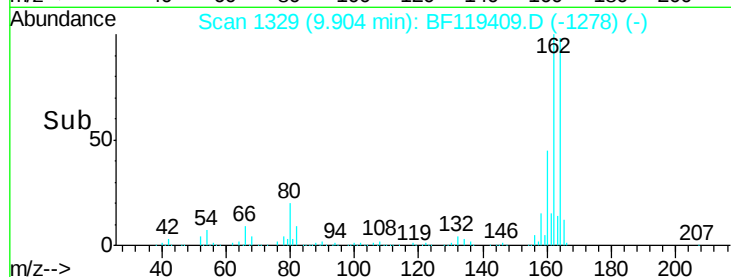
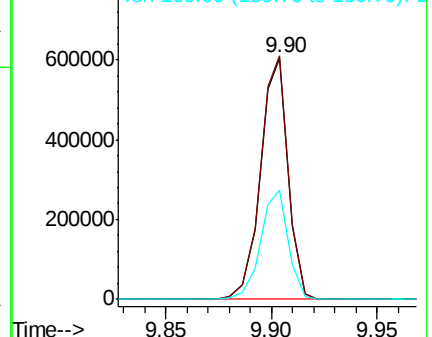


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.562 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Tgt Ion:216 Resp: 341651

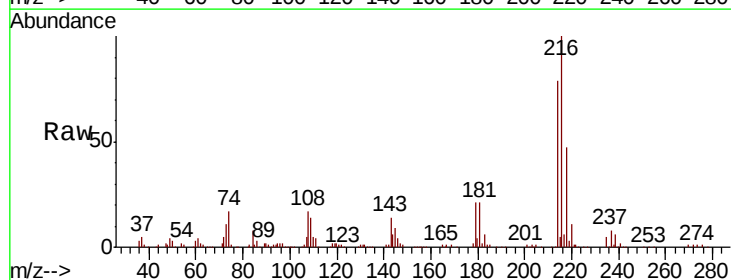
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 21.1 17.0 25.4

108 19.1 15.4 23.0



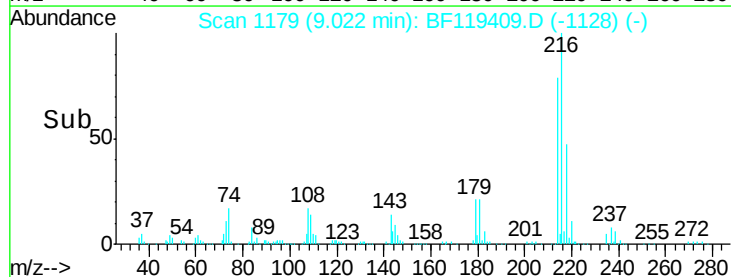
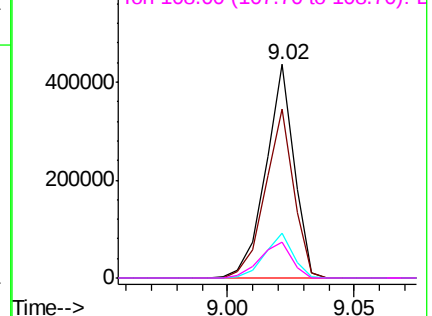
Abundance

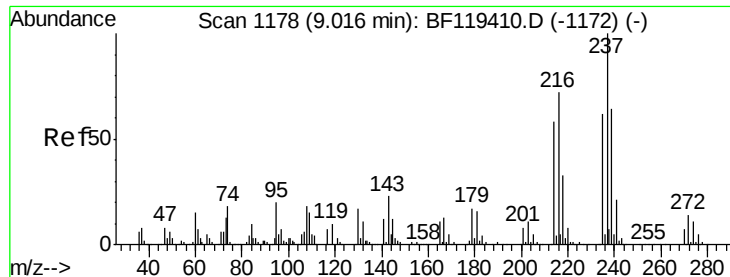
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.035 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

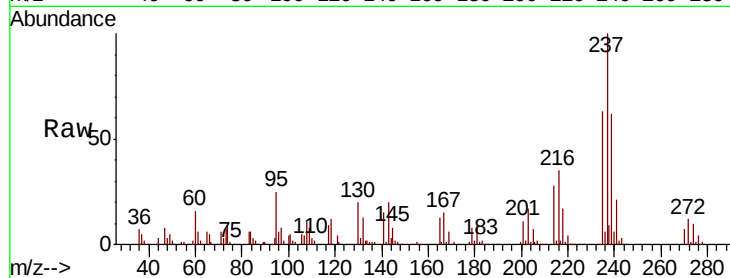
Tot Ion:237 Resp: 183718

Ion Ratio Lower Upper

237 100

235 63.3 42.5 82.5

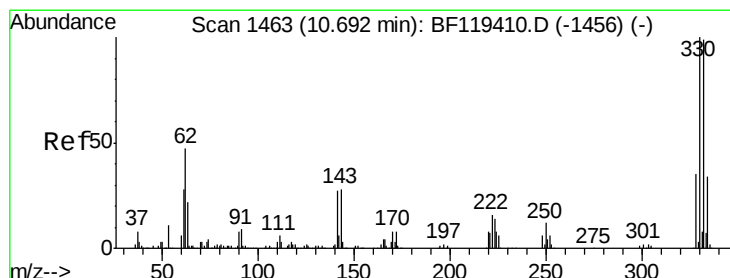
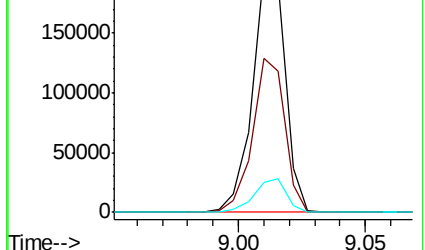
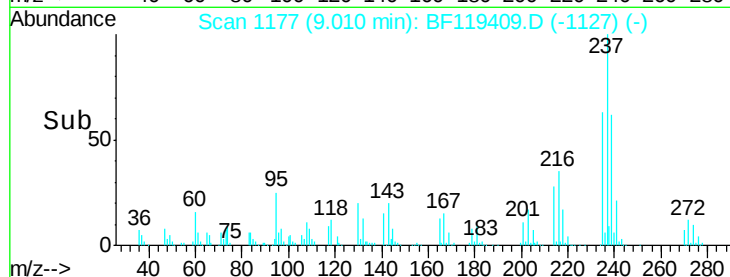
272 12.4 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 32.659 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

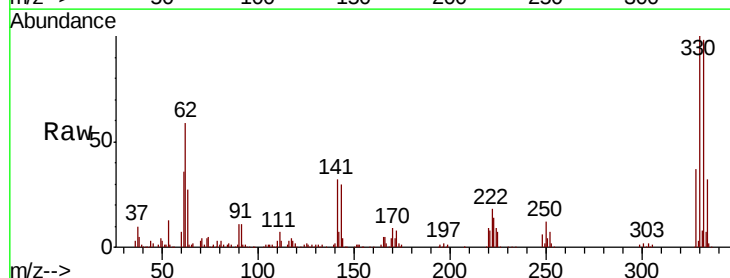
Tgt Ion:330 Resp: 233233

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

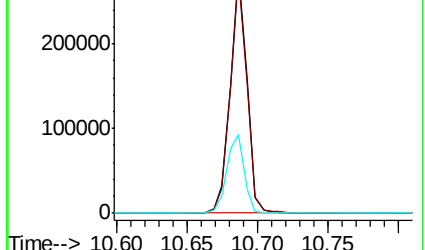
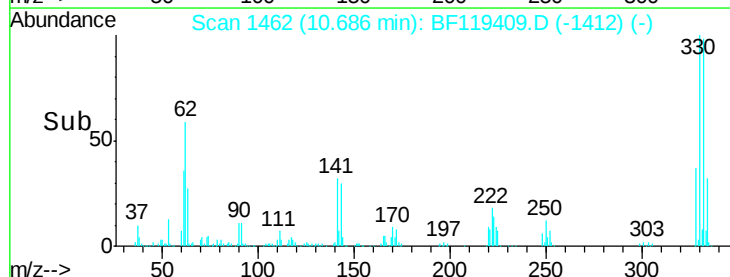
141 34.0 26.6 40.0

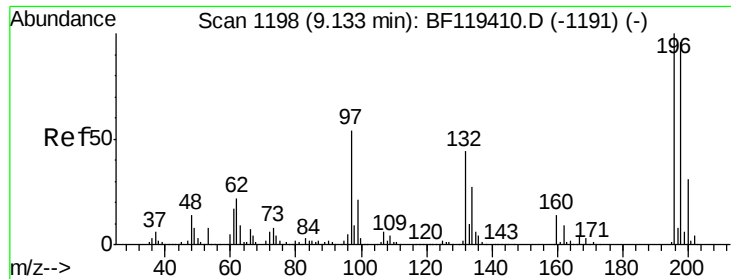


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

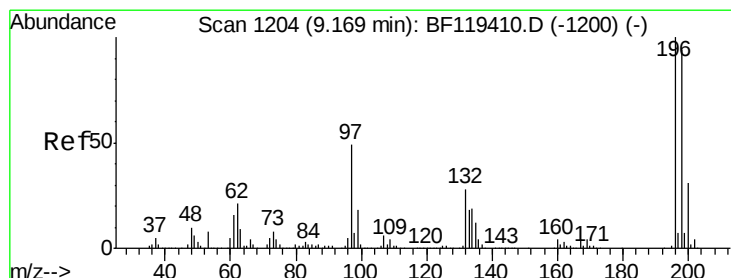
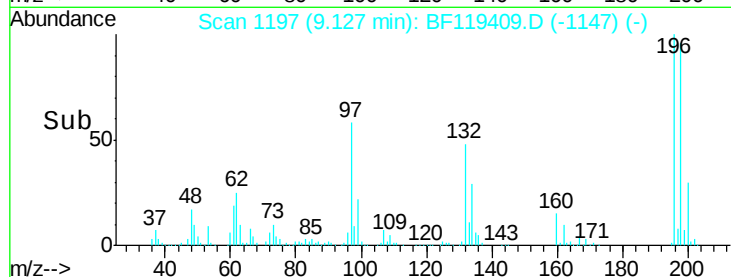
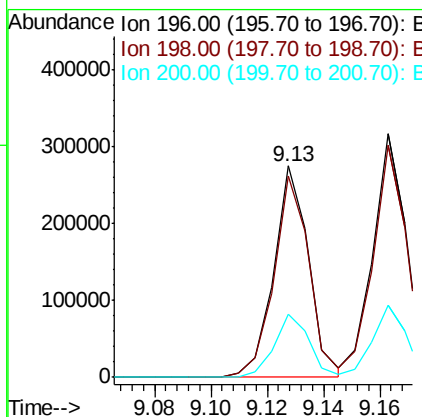
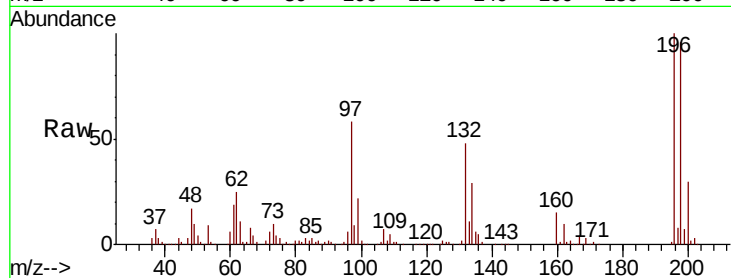




#43
 2,4,6-Trichlorophenol
 Concen: 20.105 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

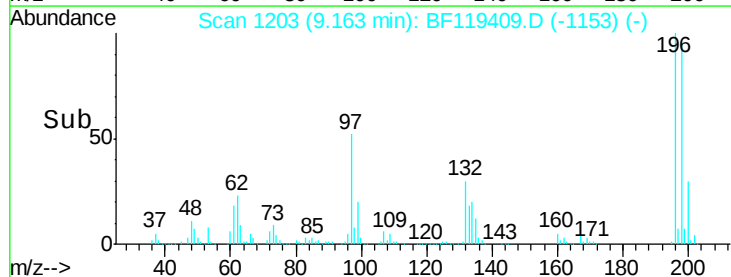
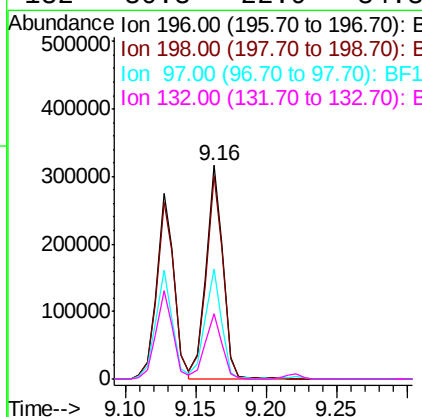
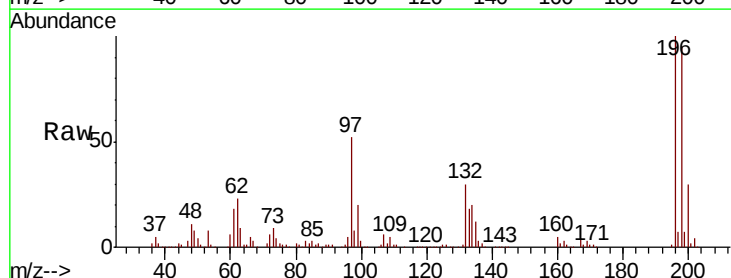
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

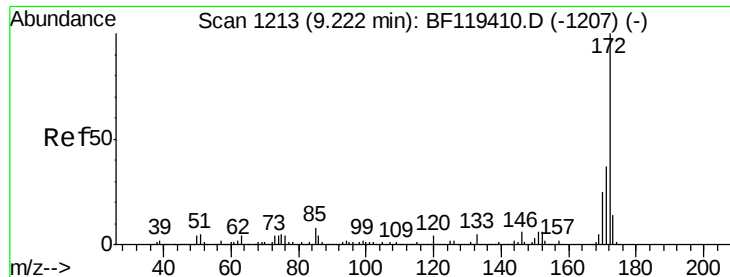
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.0	115.4
200	30.2	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 21.536 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.3	112.9
97	51.7	39.0	58.4
132	30.3	22.9	34.3

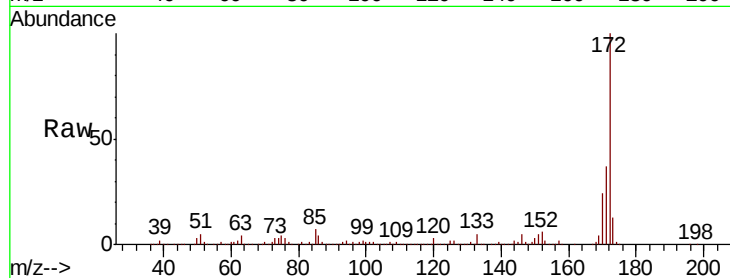




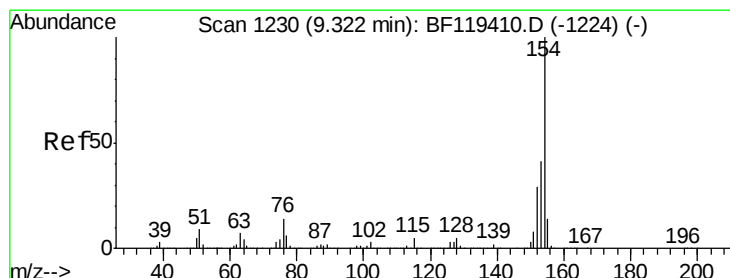
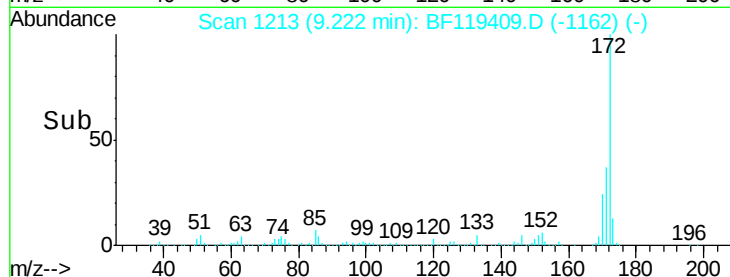
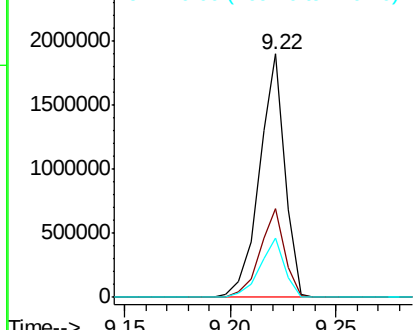
#45
2-Fluorobiphenyl
Concen: 42.780 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:172 Resp: 1585300
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.2 20.1 30.1

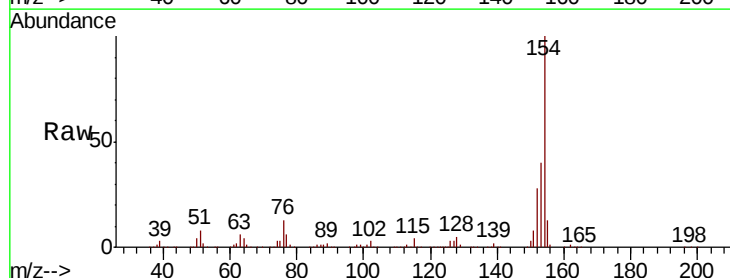


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

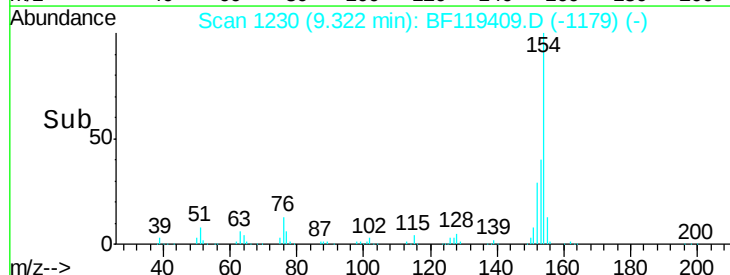
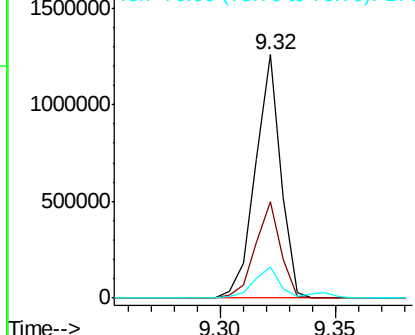


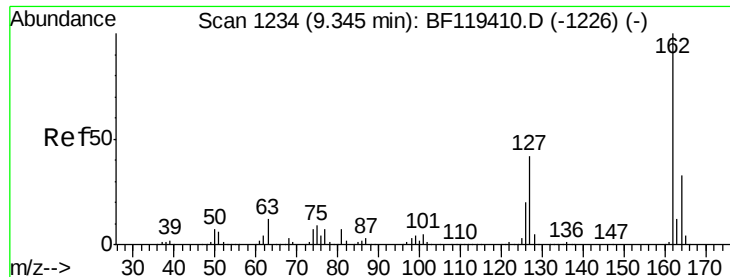
#46
1,1'-Biphenyl
Concen: 21.948 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:154 Resp: 968356
Ion Ratio Lower Upper
154 100
153 39.9 21.4 61.4
76 12.7 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

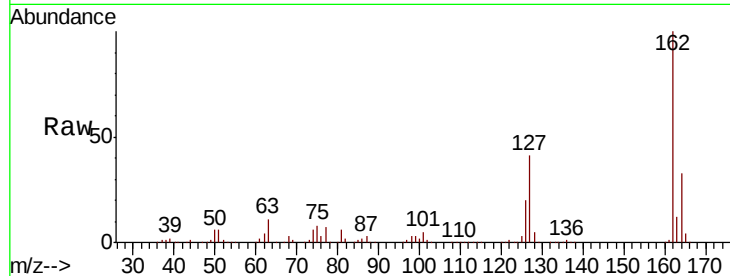




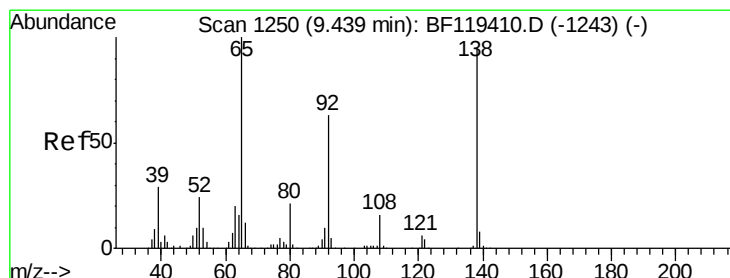
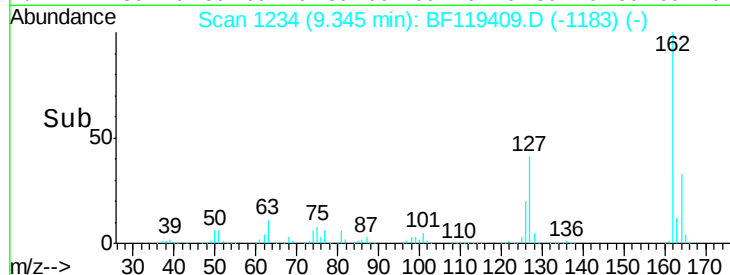
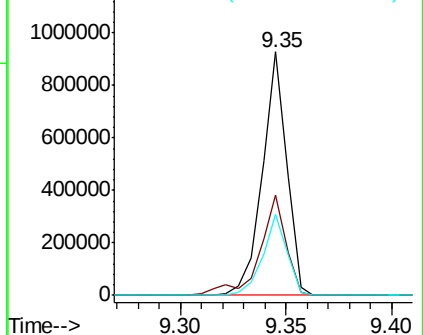
#47
2-Chloronaphthalene
Concen: 20.976 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:162 Resp: 745795
Ion Ratio Lower Upper
162 100
127 41.0 33.7 50.5
164 33.4 26.2 39.4

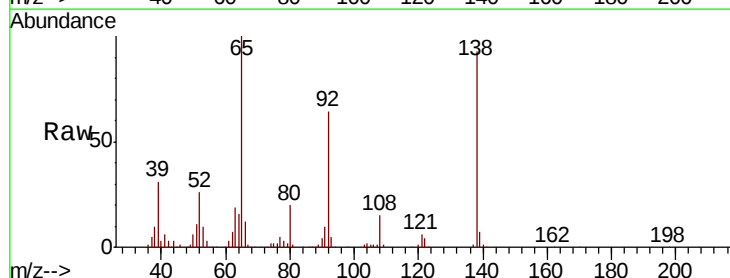


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

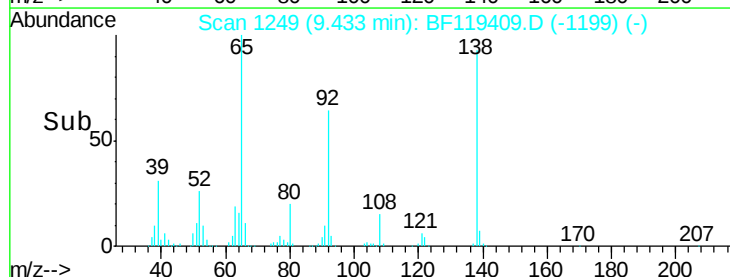
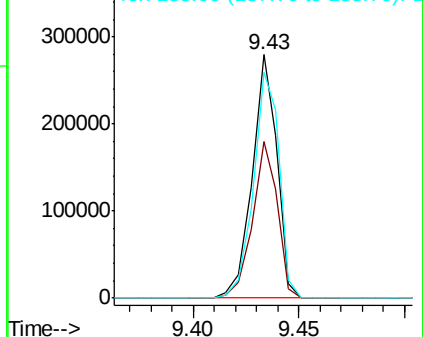


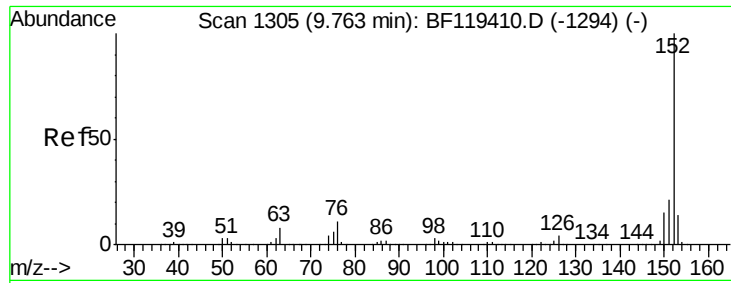
#48
2-Nitroaniline
Concen: 22.978 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion: 65 Resp: 227870
Ion Ratio Lower Upper
65 100
92 64.0 50.5 75.7
138 92.9 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.307 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

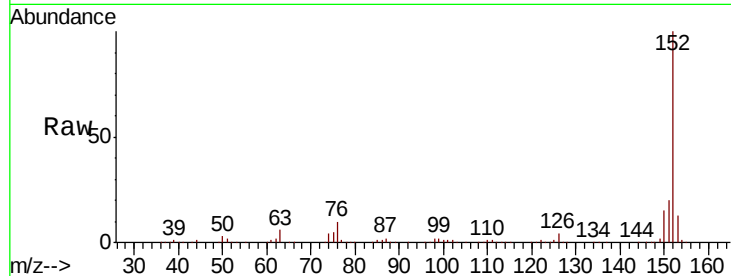
Tot Ion:152 Resp: 1196856

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

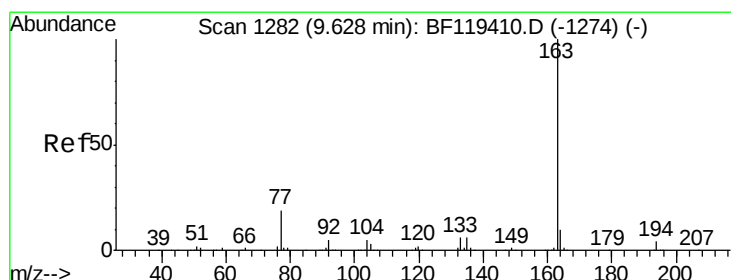
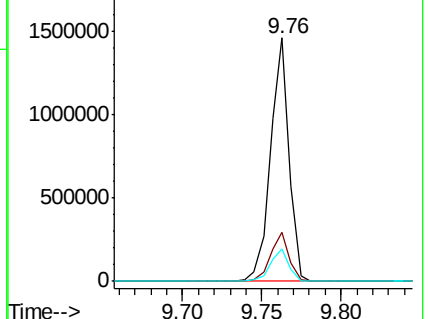
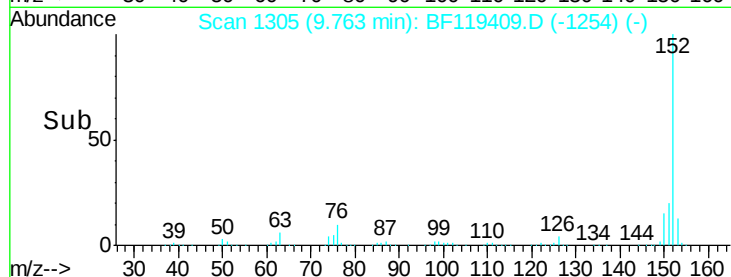
153 13.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 19.503 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

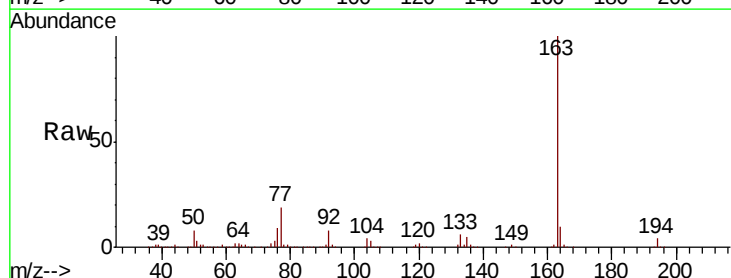
Tgt Ion:163 Resp: 814134

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

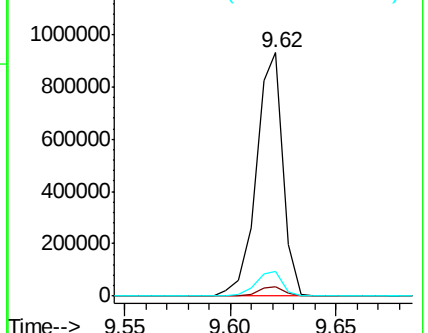
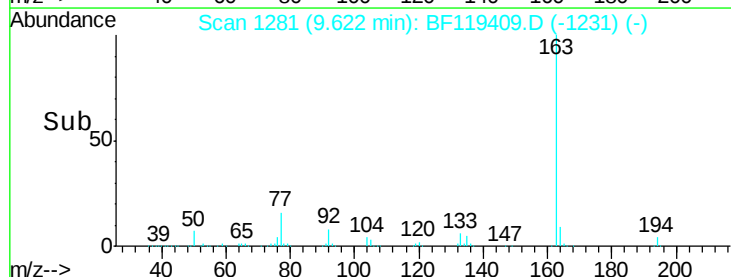
164 10.1 8.1 12.1

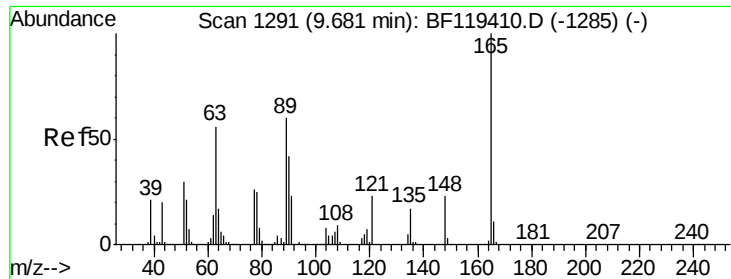


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

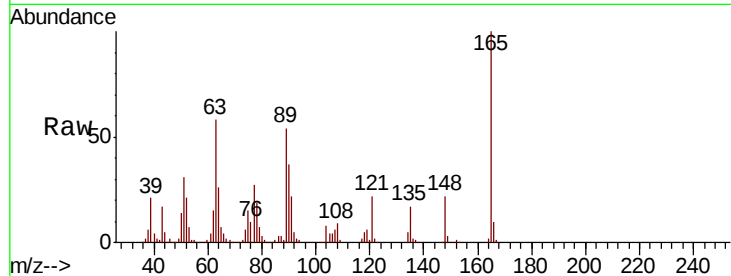




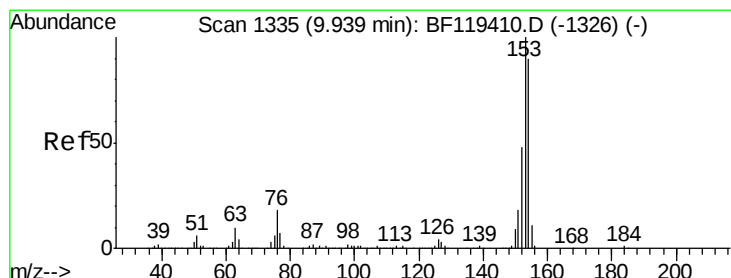
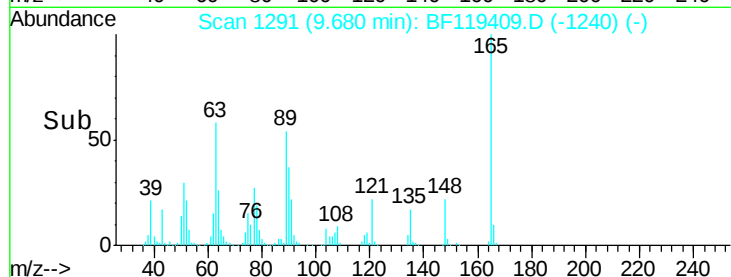
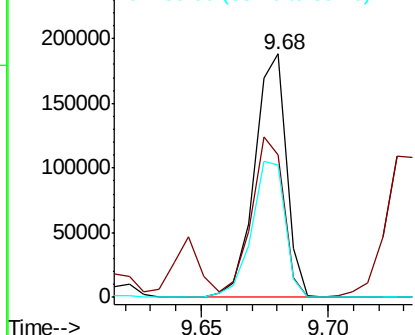
#51
2,6-Dinitrotoluene
Concen: 17.871 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:165 Resp: 165741
Ion Ratio Lower Upper
165 100
63 58.3 57.3 85.9
89 54.2 47.8 71.8

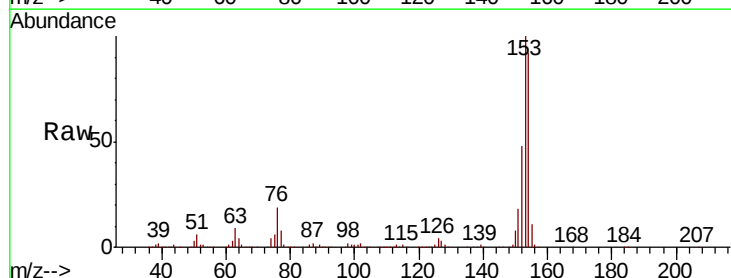


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

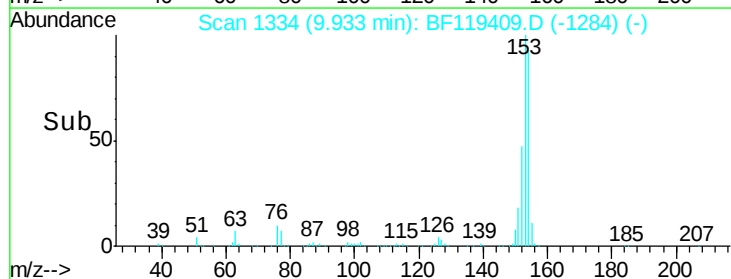
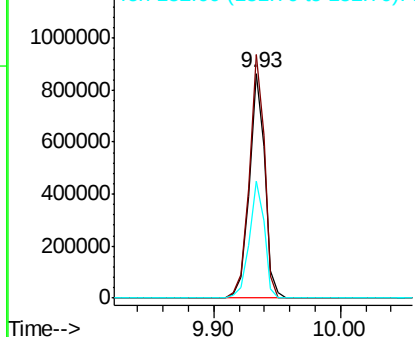


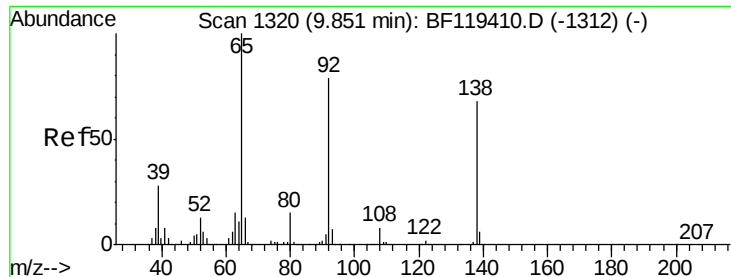
#52
Acenaphthene
Concen: 23.582 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:154 Resp: 730188
Ion Ratio Lower Upper
154 100
153 108.4 89.0 133.6
152 52.1 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

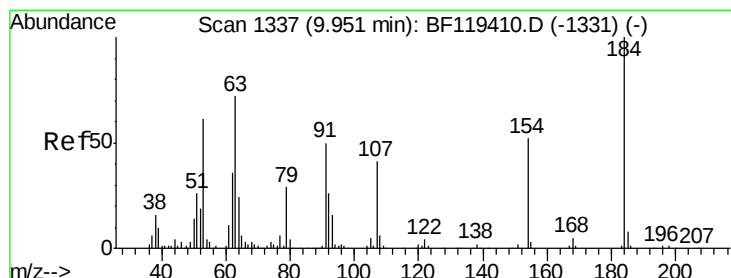
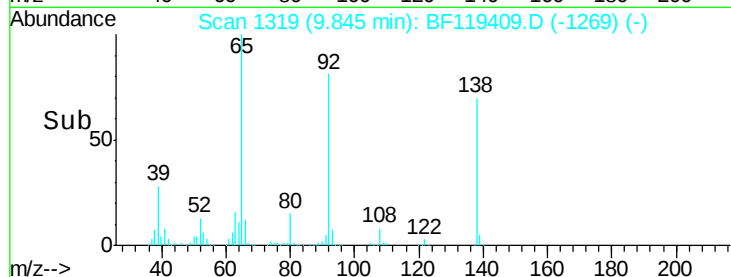
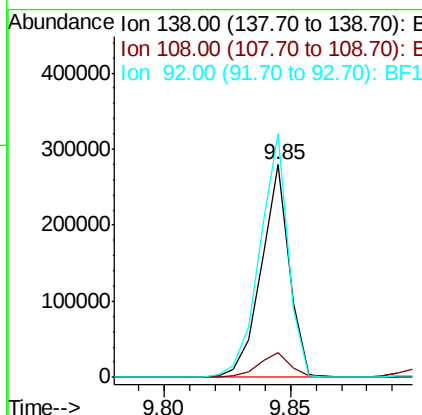
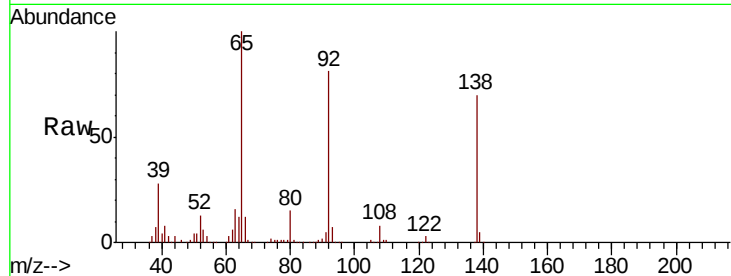




#53
3-Nitroaniline
Concen: 20.898 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

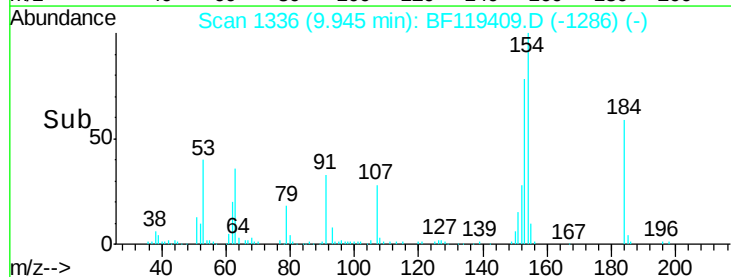
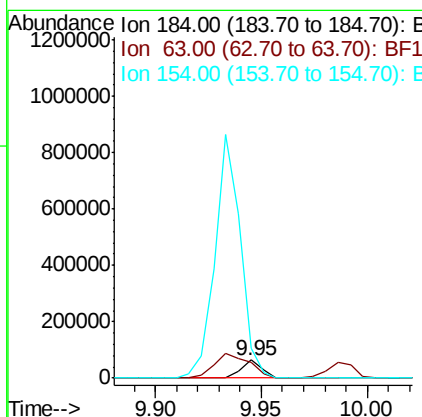
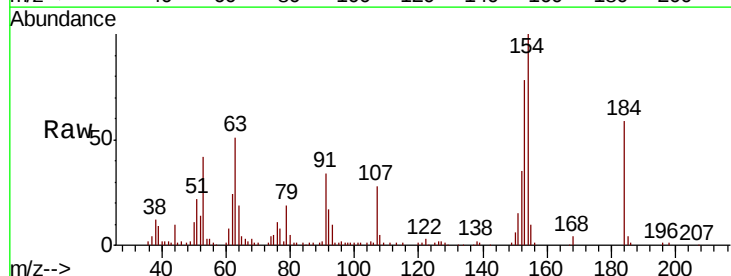
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

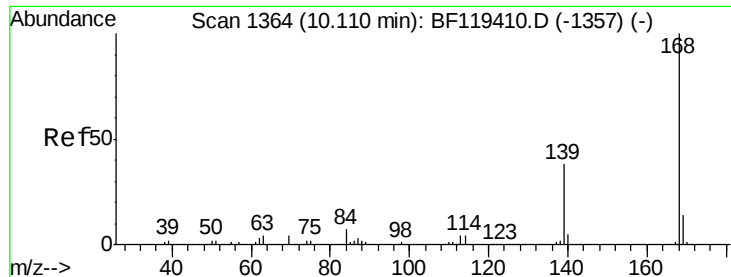
Tot Ion:138 Resp: 214873
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.6
92 114.6 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 11.730 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:184 Resp: 44849
Ion Ratio Lower Upper
184 100
63 85.7 58.5 87.7
154 168.2 51.8 77.6#

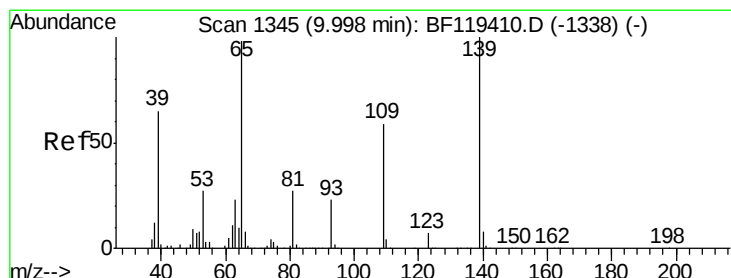
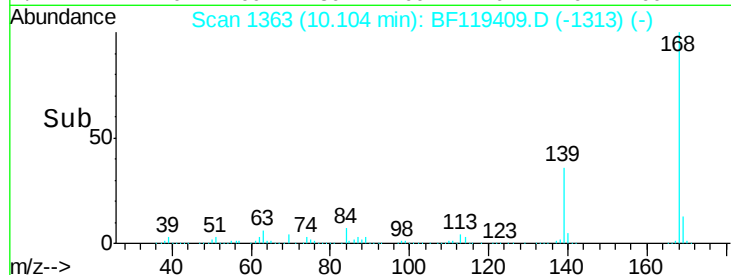
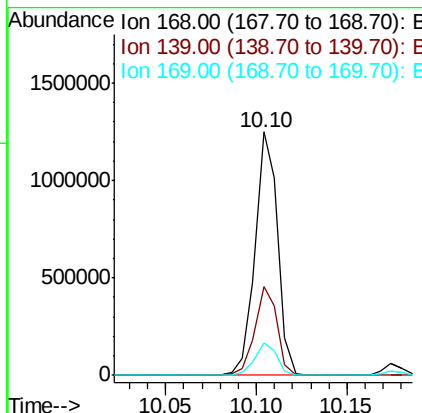
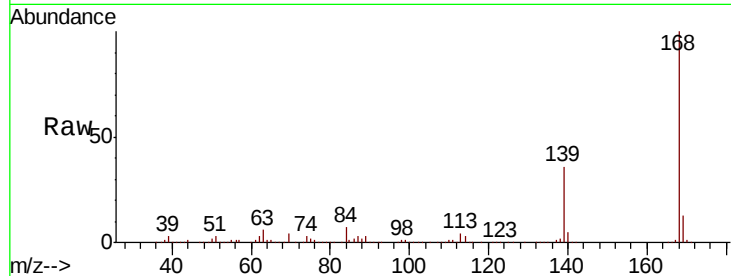




#55
Dibenzenofuran
Concen: 23.267 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

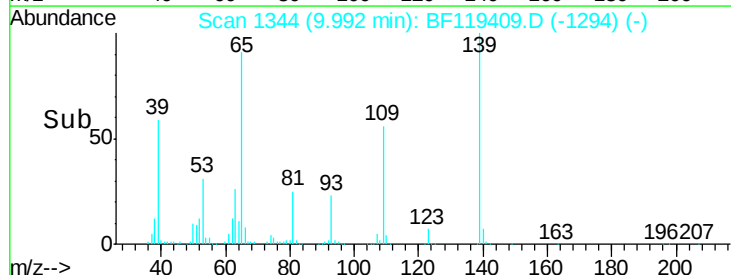
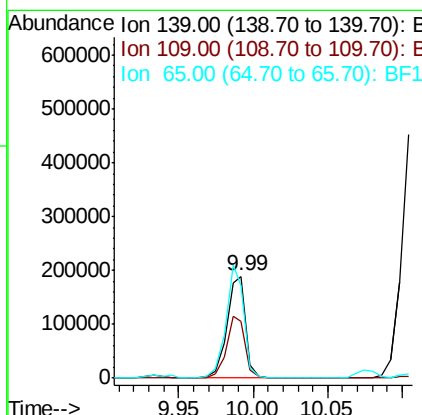
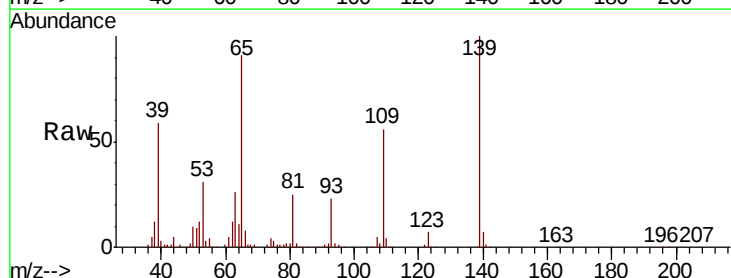
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

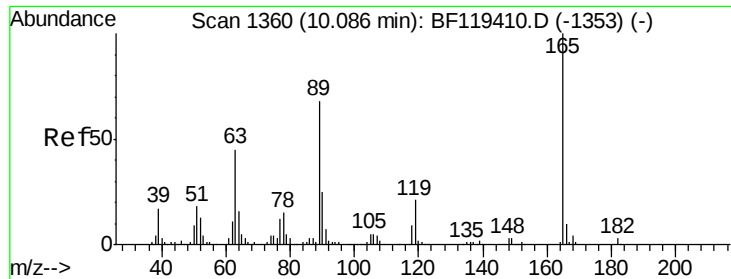
Tot Ion:168 Resp: 1075325
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.4
169 13.4 11.1 16.7



#56
4-Nitrophenol
Concen: 27.390 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:139 Resp: 169204
Ion Ratio Lower Upper
139 100
109 55.6 39.6 79.6
65 91.4 78.3 118.3

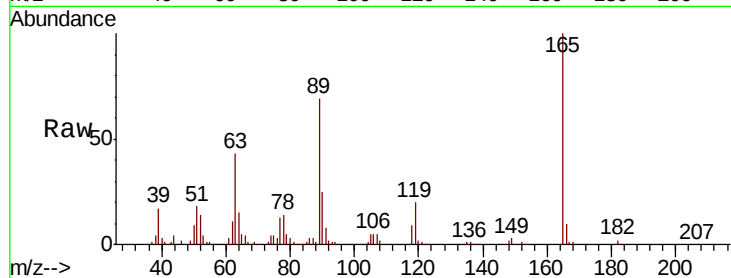




#57
2,4-Dinitrotoluene
Concen: 16.711 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	36.2	54.4
89	68.9	54.3	81.5
182	2.2	2.0	3.0

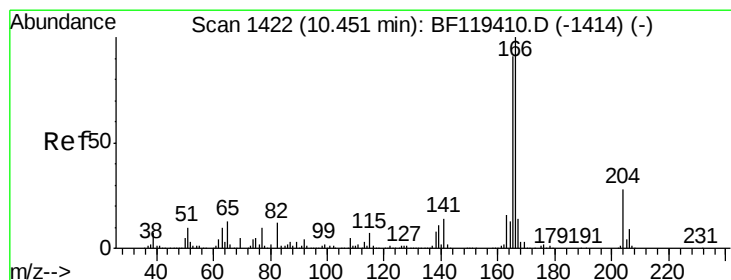
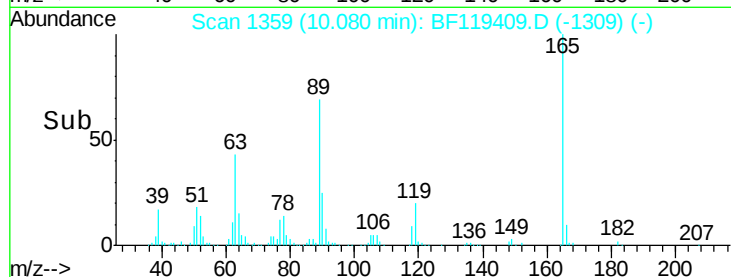
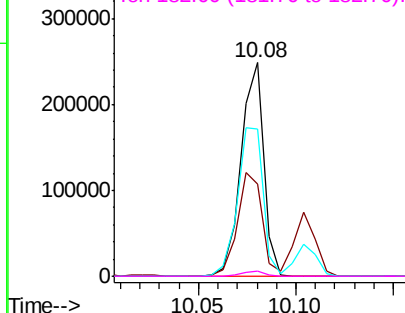


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

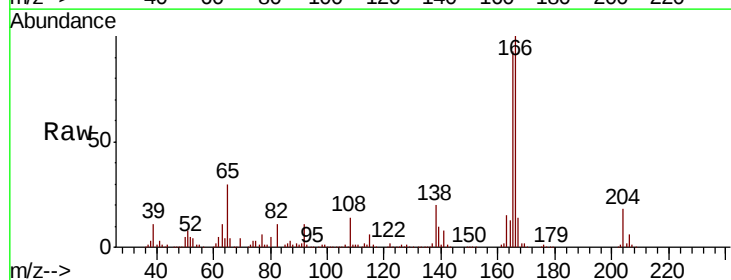
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 22.199 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

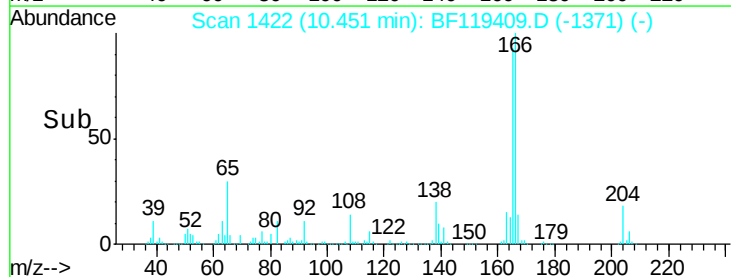
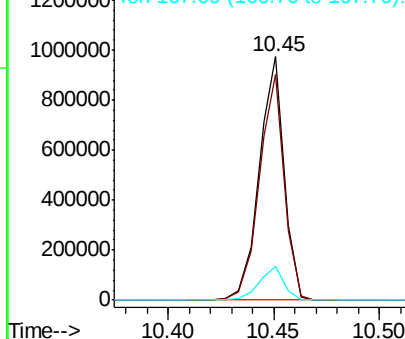
Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.8	73.1	109.7
167	13.6	11.0	16.6

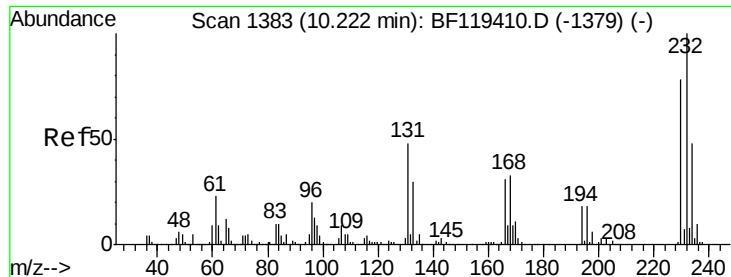


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

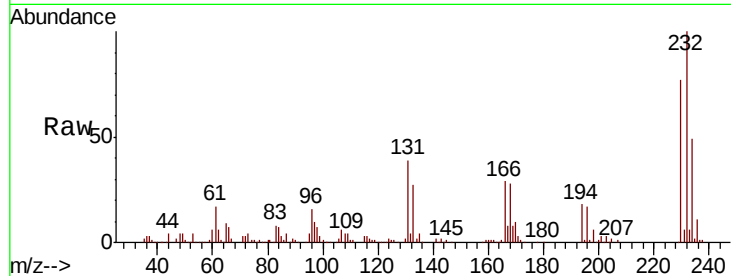




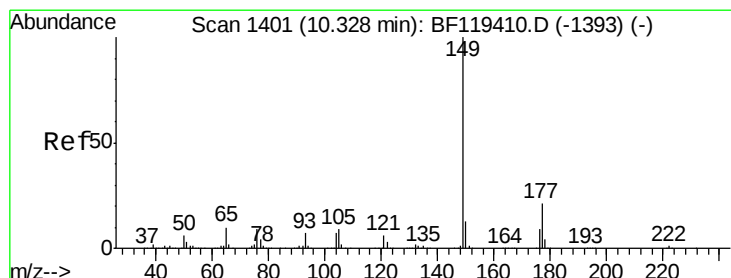
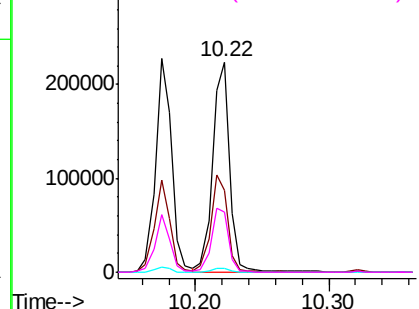
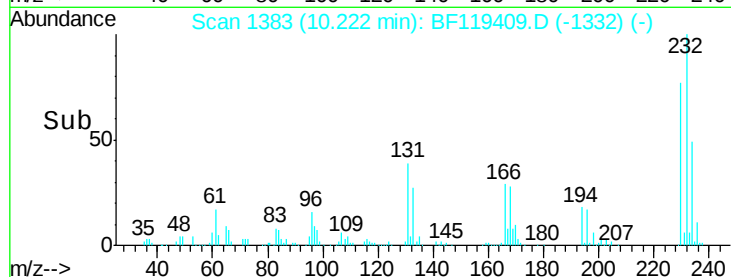
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.383 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:232 Resp: 199484
 Ion Ratio Lower Upper
 232 100
 131 44.8 36.3 54.5
 130 1.9 1.8 2.6
 166 31.2 24.9 37.3

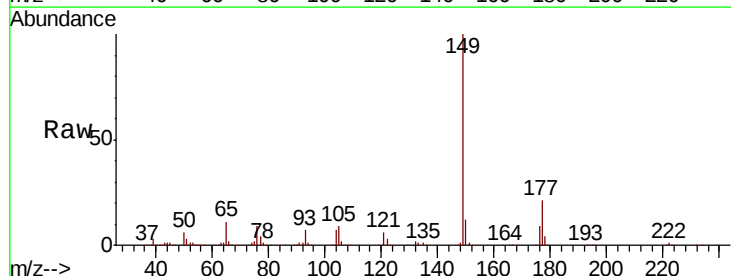


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

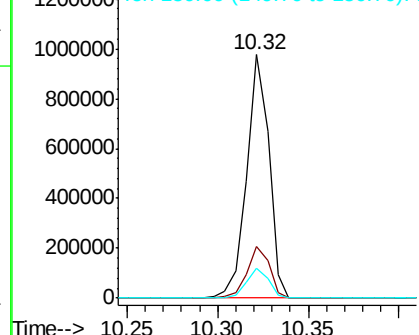
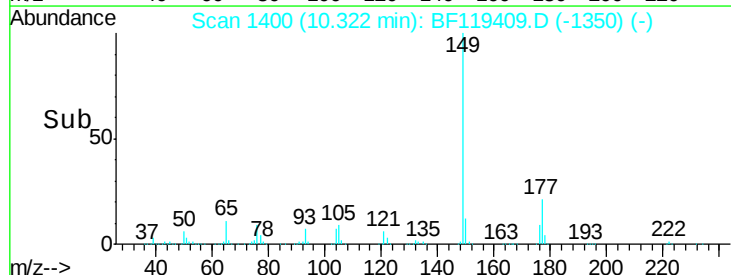


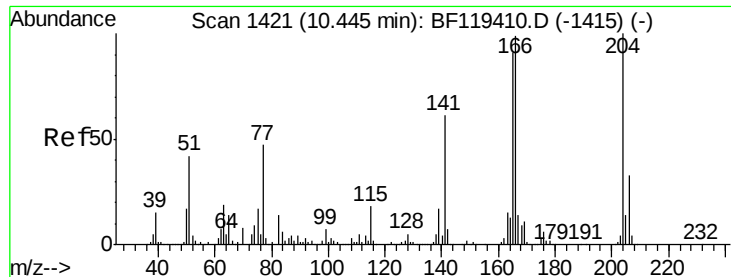
#60
 Diethylphthalate
 Concen: 21.145 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Tgt Ion:149 Resp: 831828
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.0 25.6
 150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

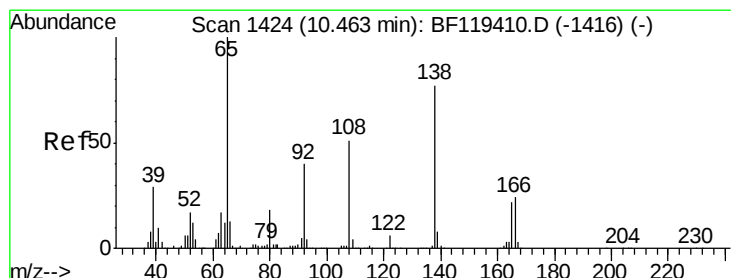
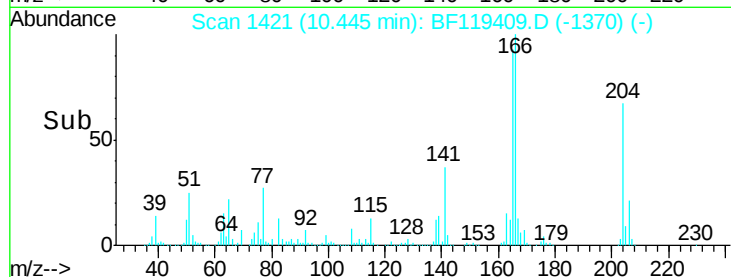
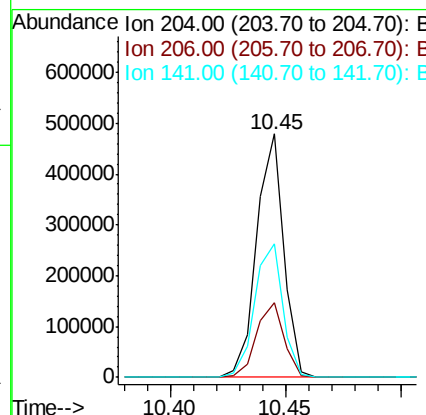
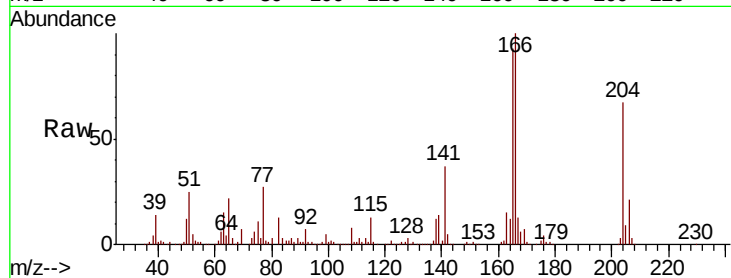




#61
 4-Chlorophenyl-phenylether
 Concen: 20.725 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

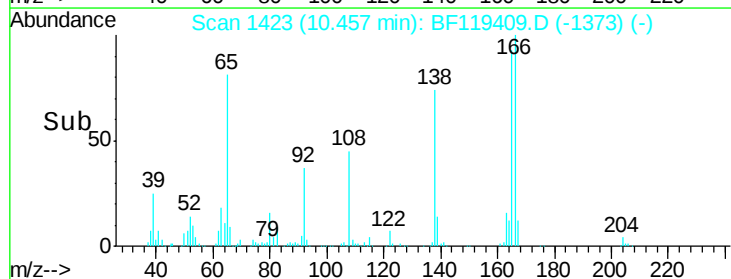
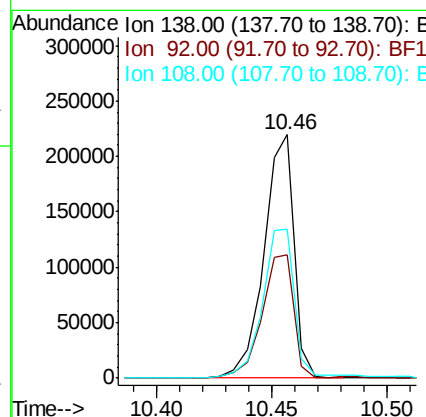
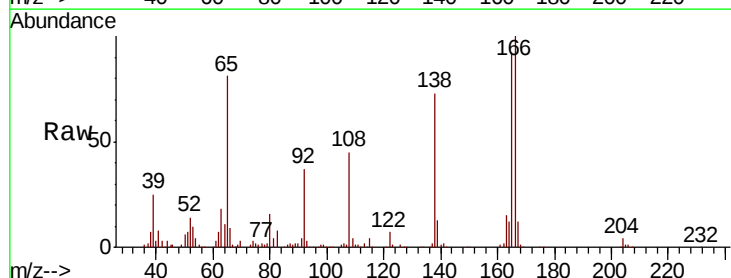
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

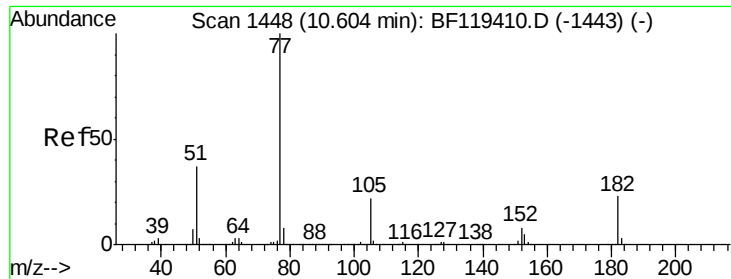
Tot Ion	Ratio	Lower	Upper
204	100		
206	30.7	26.7	40.1
141	54.9	48.8	73.2



#62
 4-Nitroaniline
 Concen: 18.925 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119409.D
 Acq: 18 Mar 2020 11:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	32.0	72.0
108	61.0	46.0	86.0

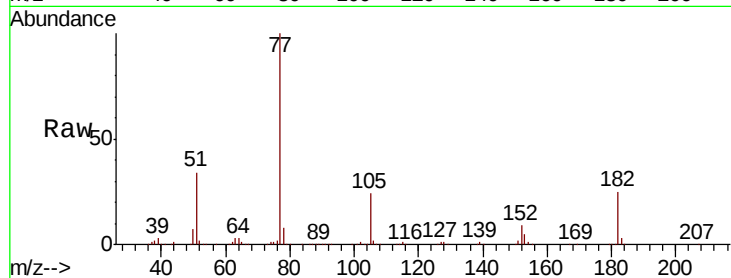




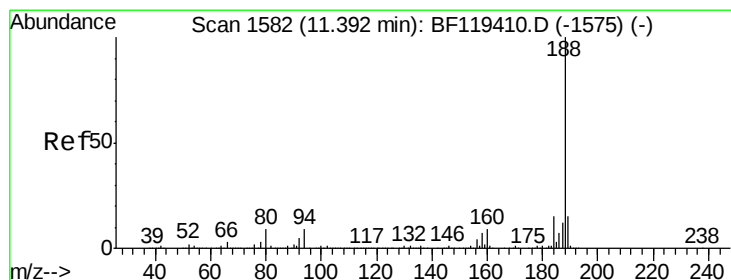
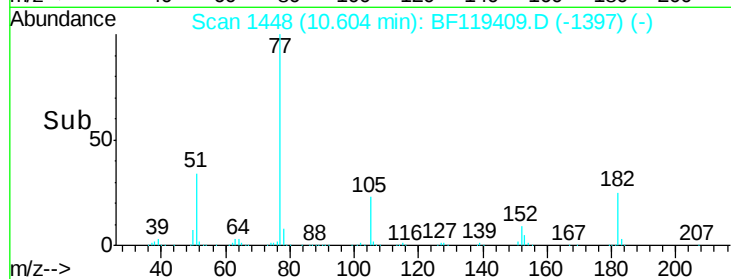
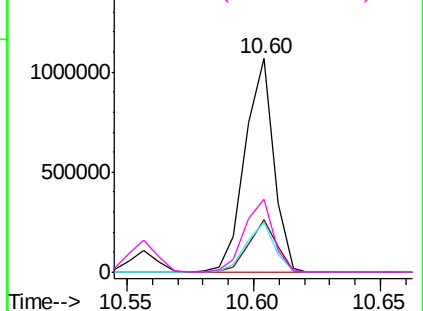
#63
Azobenzene
Concen: 24.661 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	77	Resp:	843256
Ion	Ratio	Lower	Upper
77	100		
182	24.6	2.5	42.5
105	23.5	2.5	42.5
51	34.4	17.1	57.1

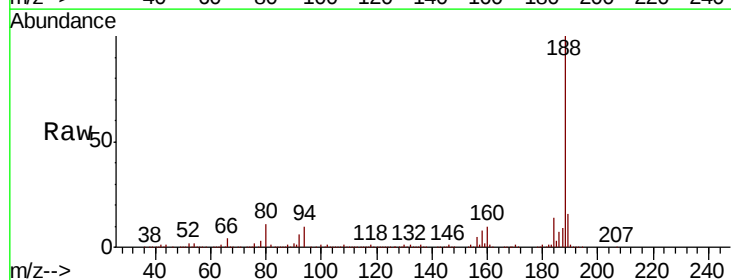


Abundance Ion 77.00 (76.70 to 77.70): BF1

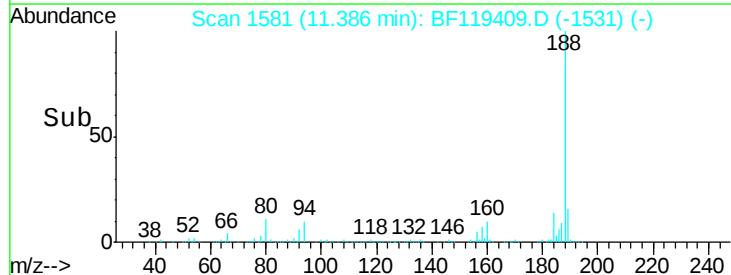
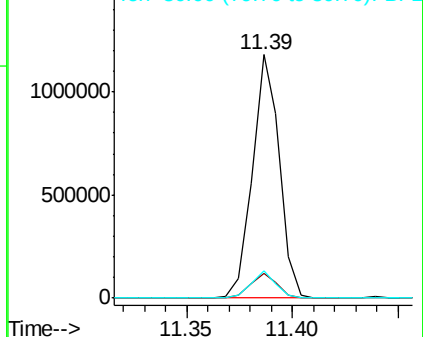


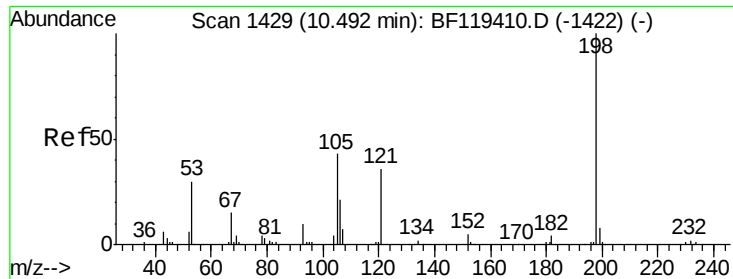
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:	188	Resp:	1040637
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	11.2	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

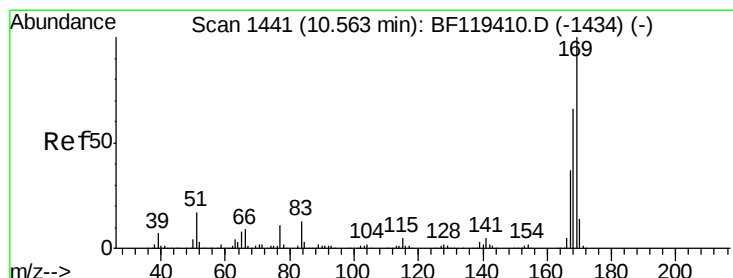
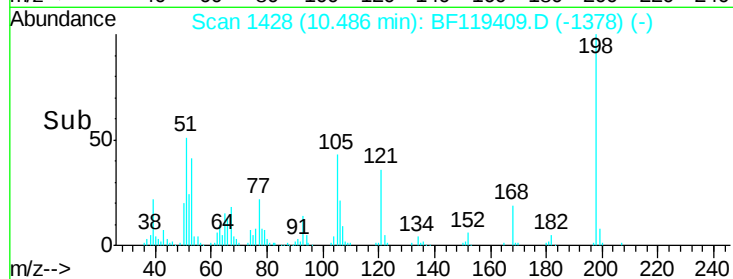
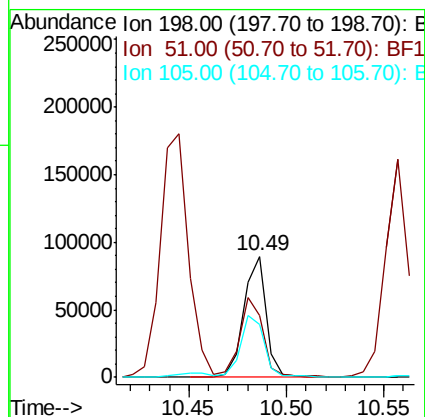
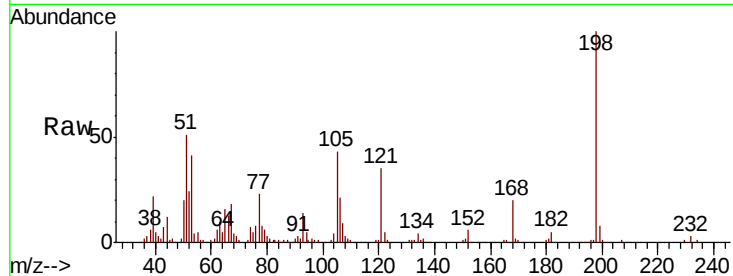




#65
4,6-Dinitro-2-methylphenol
Concen: 11.276 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

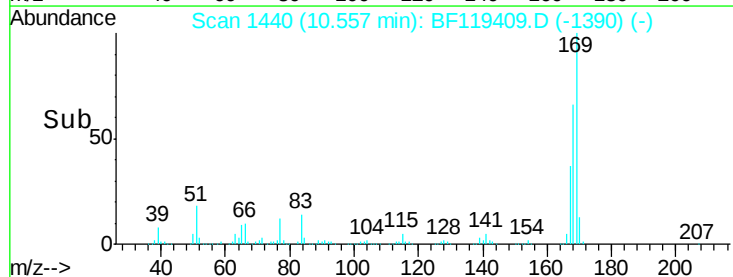
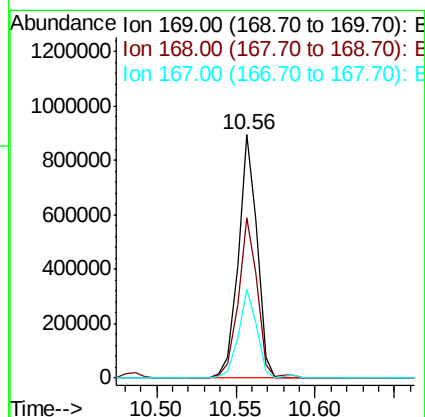
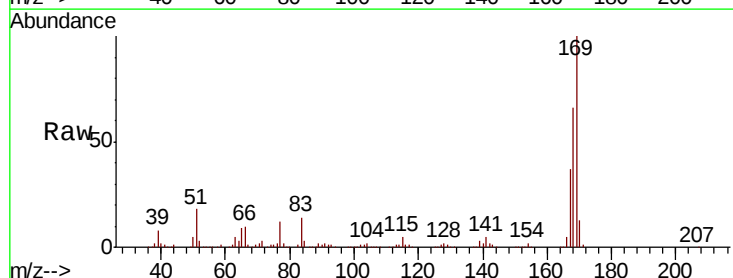
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

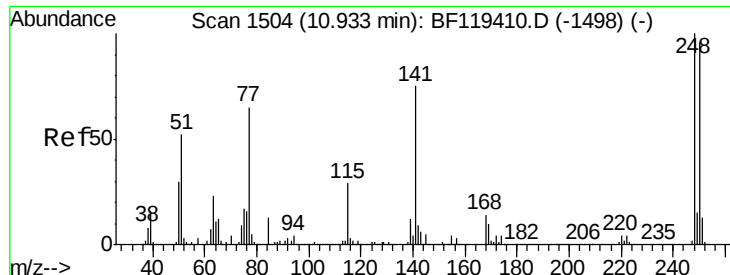
Tot Ion:198 Resp: 71007
Ion Ratio Lower Upper
198 100
51 51.0 33.1 73.1
105 43.4 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 21.438 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:169 Resp: 730480
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.7 29.3 43.9

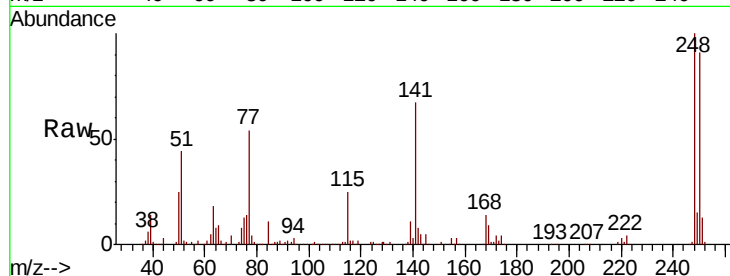




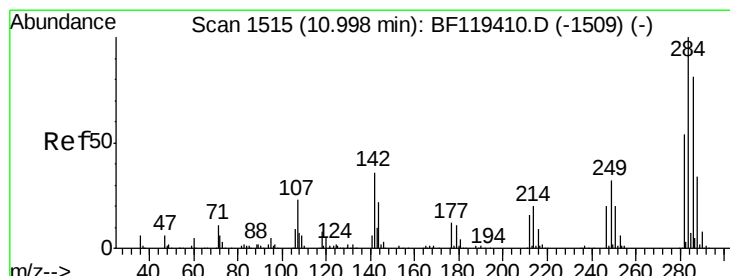
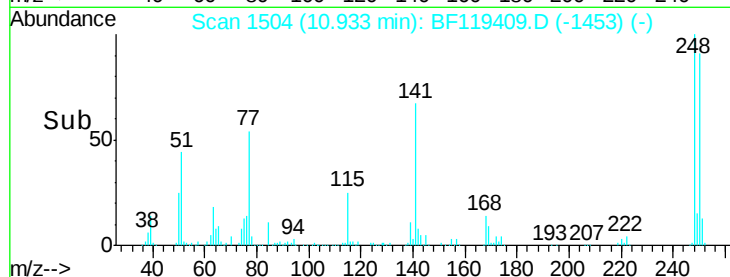
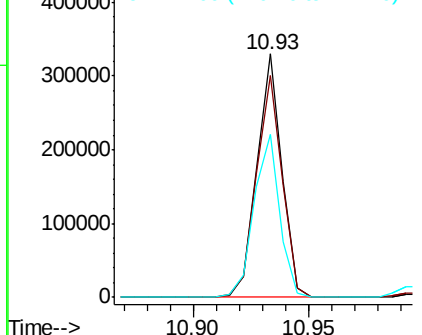
#67
4-Bromophenyl-phenylether
Concen: 18.292 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:248 Resp: 248814
Ion Ratio Lower Upper
248 100
250 91.3 77.0 115.6
141 67.1 59.7 89.5

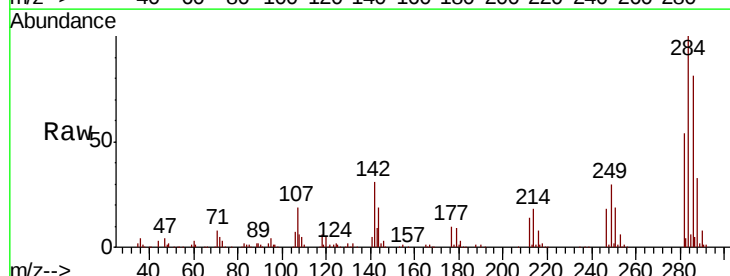


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

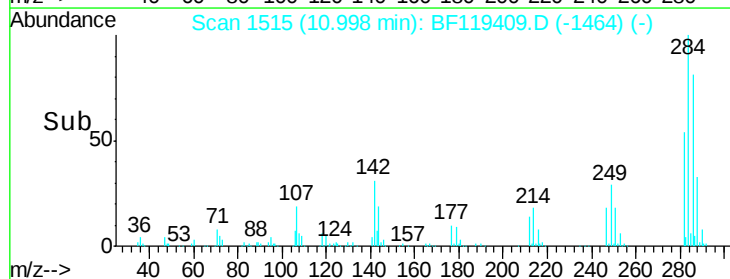
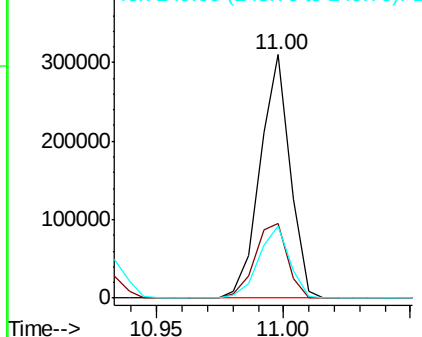


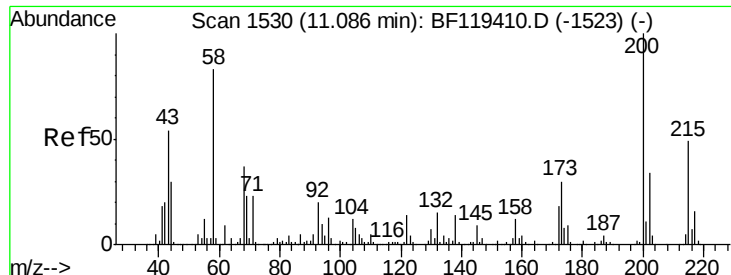
#68
Hexachlorobenzene
Concen: 16.187 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:284 Resp: 253862
Ion Ratio Lower Upper
284 100
142 30.7 28.7 43.1
249 29.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 16.329 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

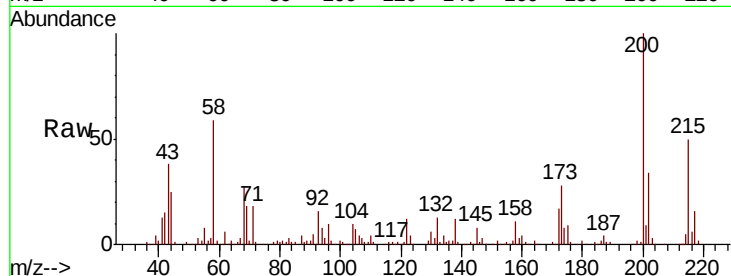
Tot Ion:200 Resp: 194395

Ion Ratio Lower Upper

200 100

173 27.8 9.9 49.9

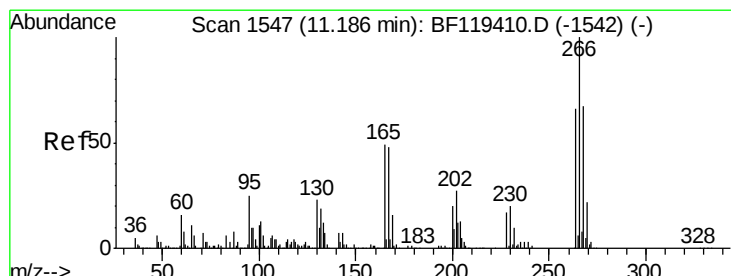
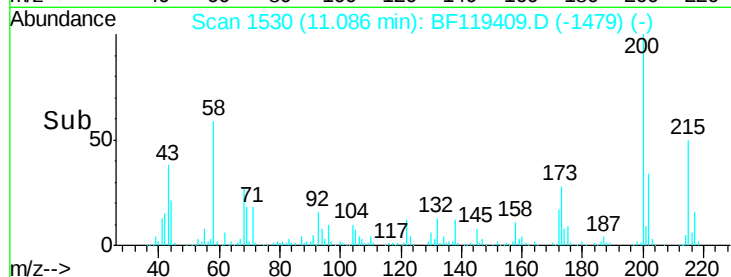
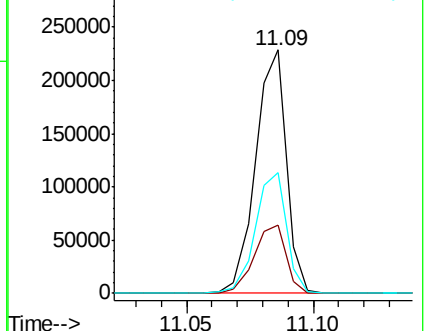
215 49.8 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 22.599 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

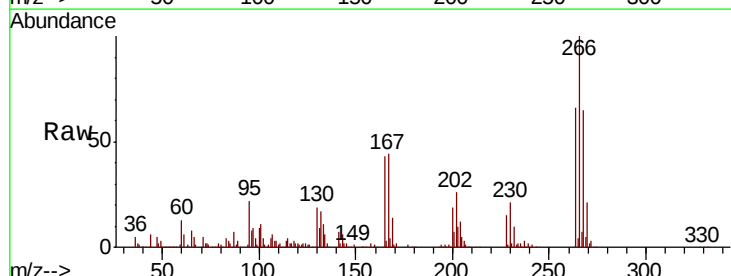
Tgt Ion:266 Resp: 142771

Ion Ratio Lower Upper

266 100

268 65.0 53.7 80.5

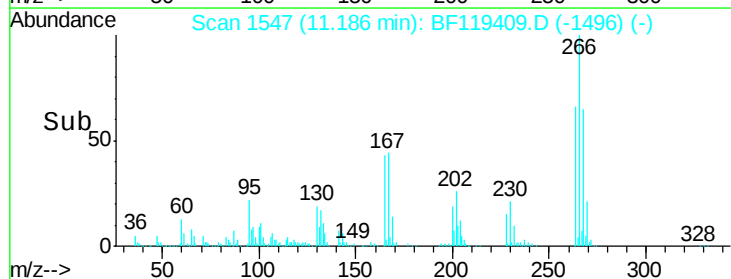
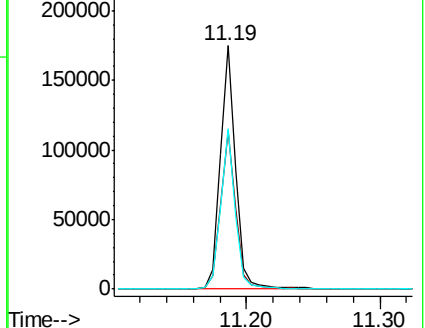
264 65.7 52.5 78.7

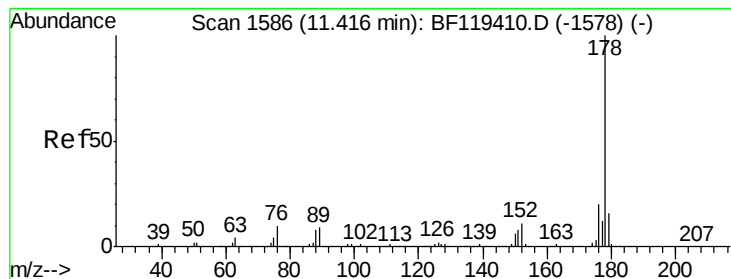


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 20.837 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

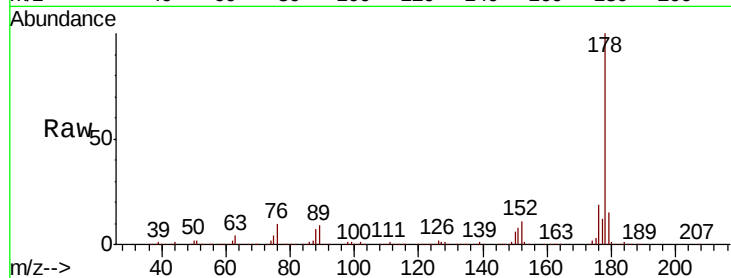
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:178 Resp: 1182518

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.9	19.3

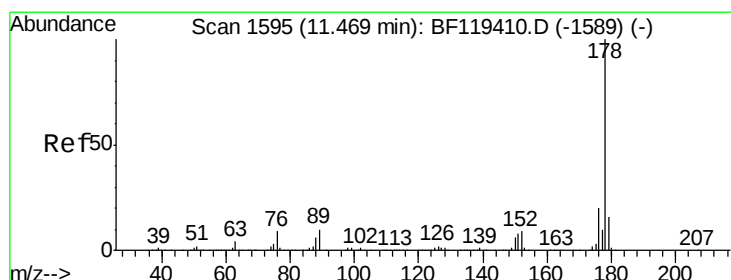
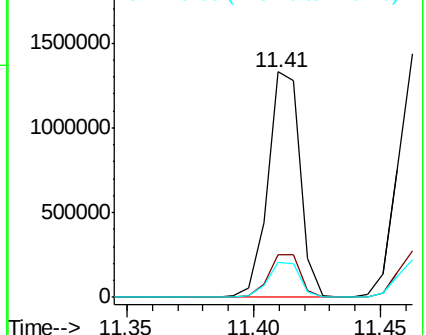
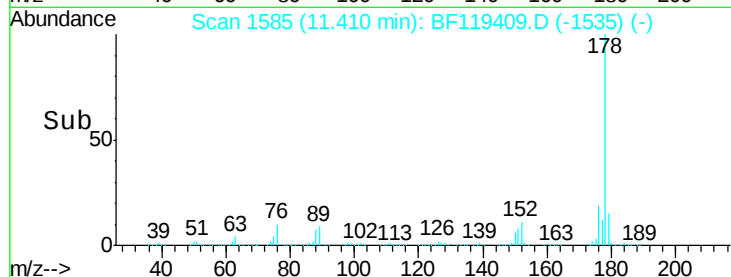


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.233 ng

RT: 11.46 min Scan# 1594

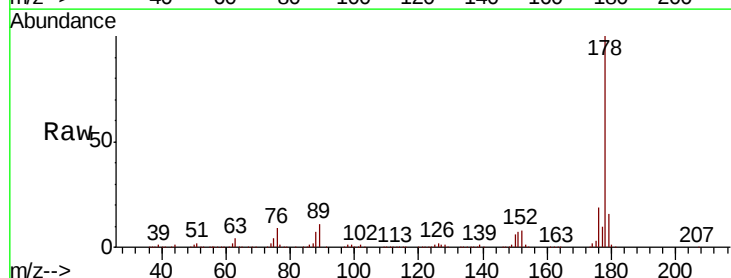
Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Tgt Ion:178 Resp: 1203981

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	13.1	19.7

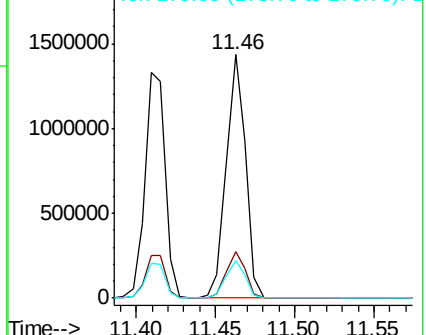
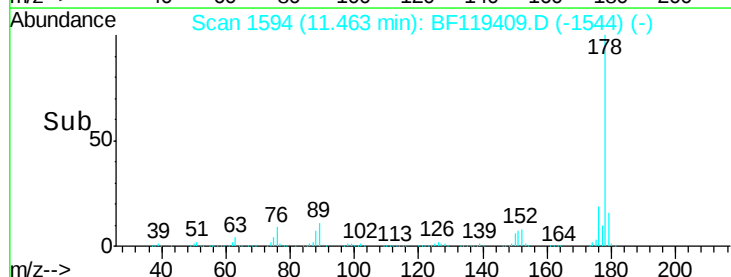


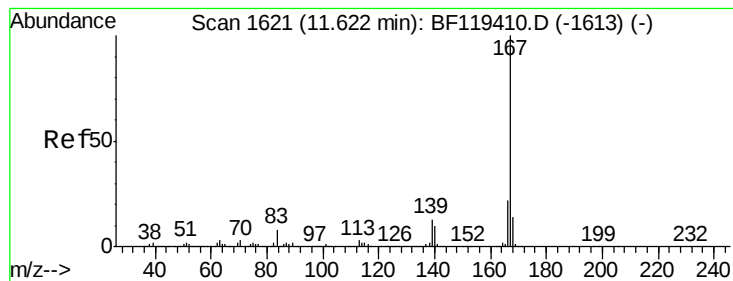
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 23.795 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

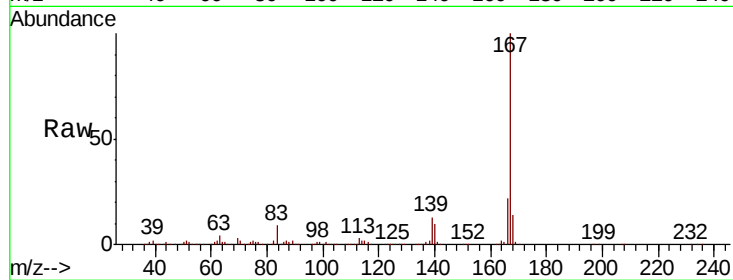
BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:167 Resp: 1202019

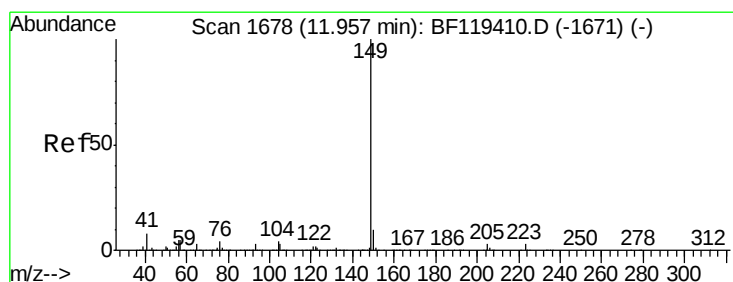
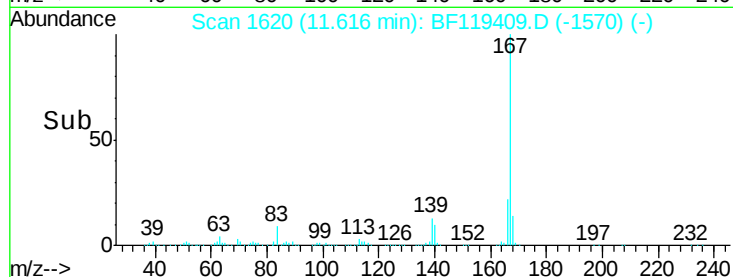
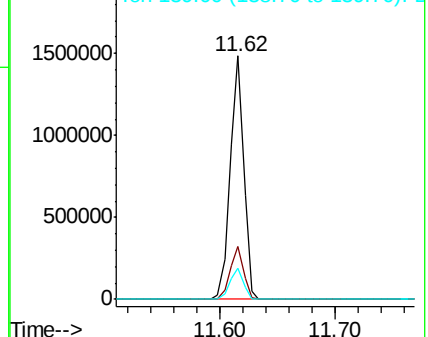
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	12.6	10.2	15.4



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 20.294 ng

RT: 11.95 min Scan# 1677

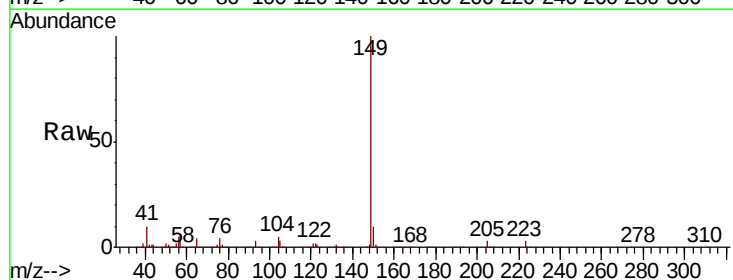
Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Tgt Ion:149 Resp: 1241501

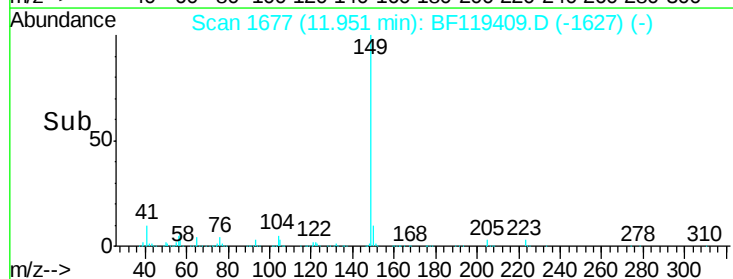
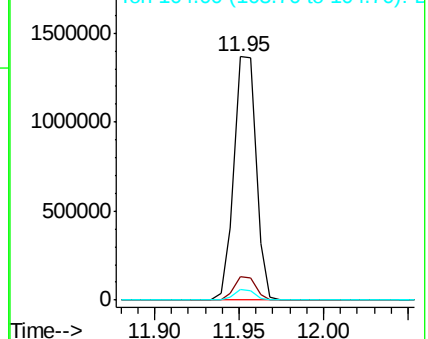
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.6	3.5	5.3

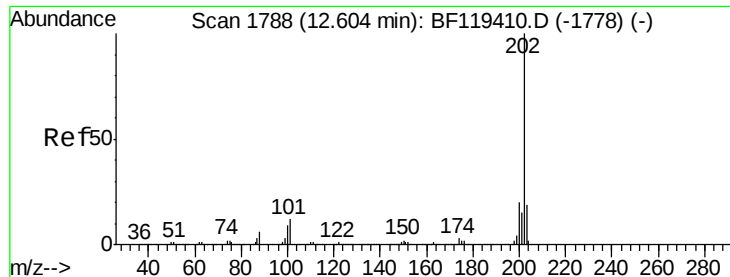


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.508 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

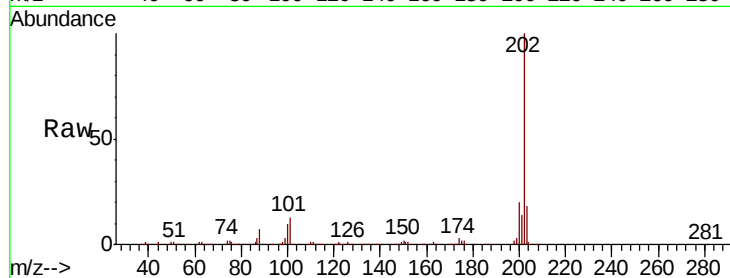
Tot Ion:202 Resp: 1295654

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.4

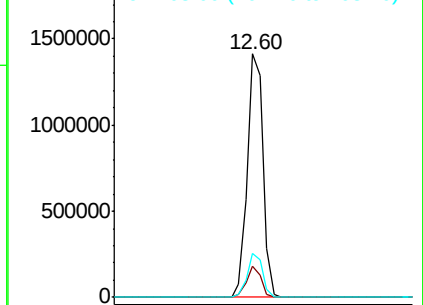
203 18.0 0.0 38.5



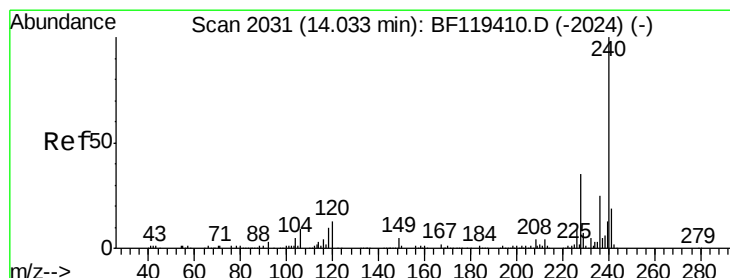
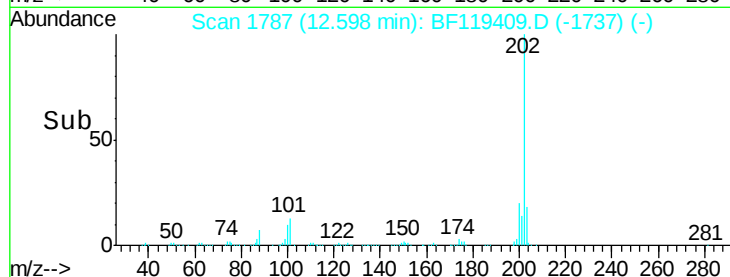
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.60 12.70



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

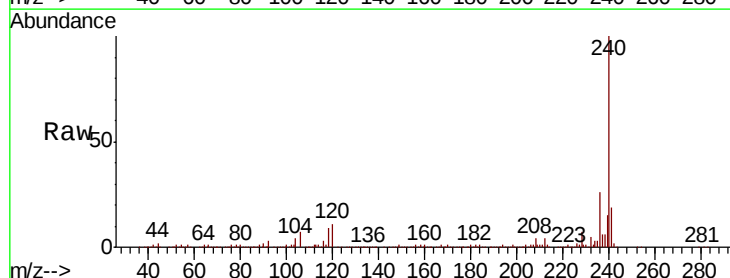
Tgt Ion:240 Resp: 802865

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.4

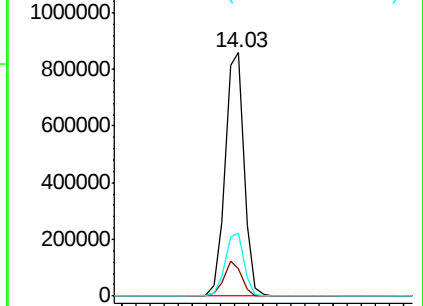
236 26.1 20.4 30.6



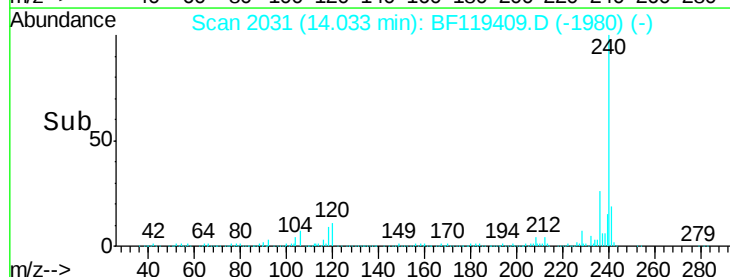
Abundance Ion 240.00 (239.70 to 240.70): E

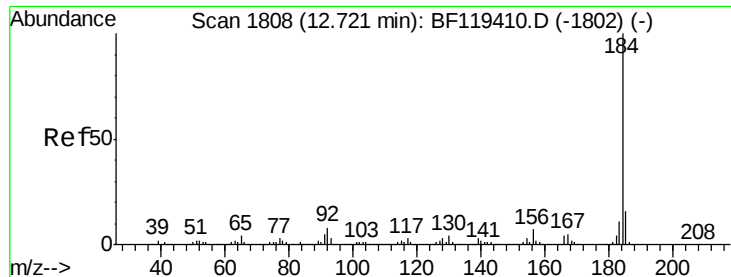
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.95 14.00 14.05 14.10





#77

Benzidine

Concen: 22.038 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

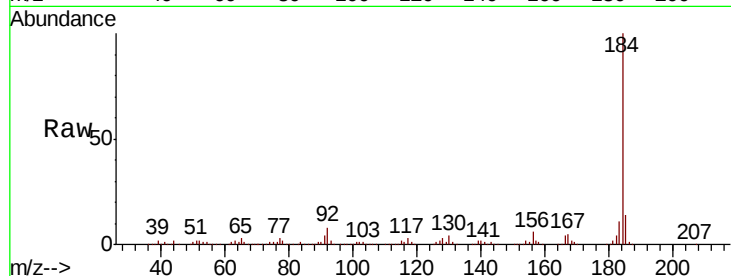
Tot Ion:184 Resp: 719573

Ion Ratio Lower Upper

184 100

185 14.4 12.9 19.3

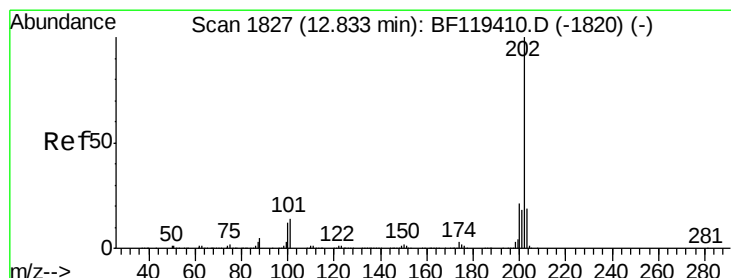
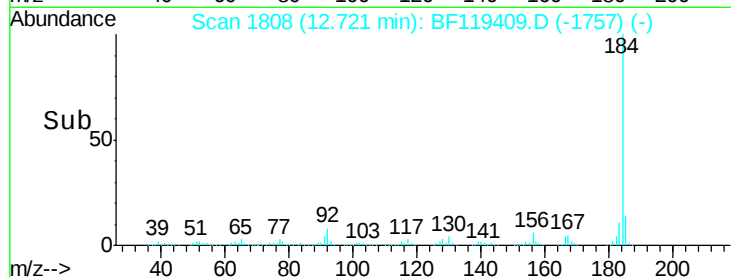
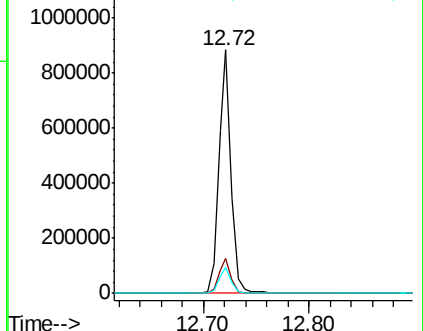
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 20.581 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

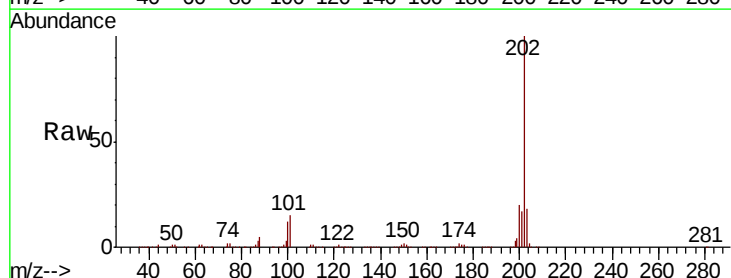
Tgt Ion:202 Resp: 1326821

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

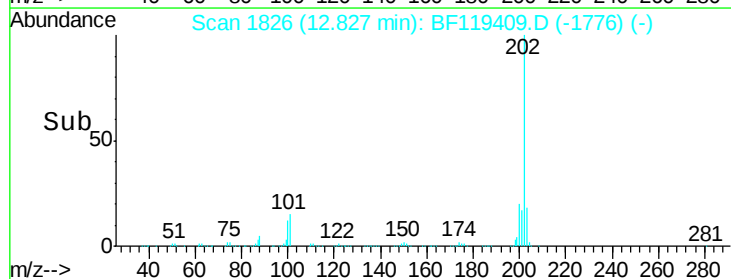
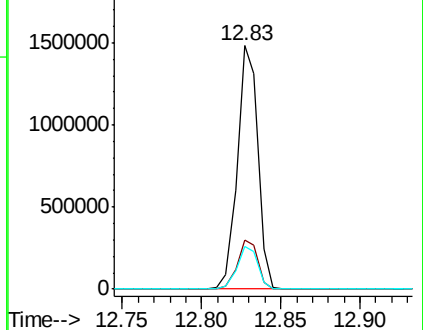
203 17.5 14.8 22.2

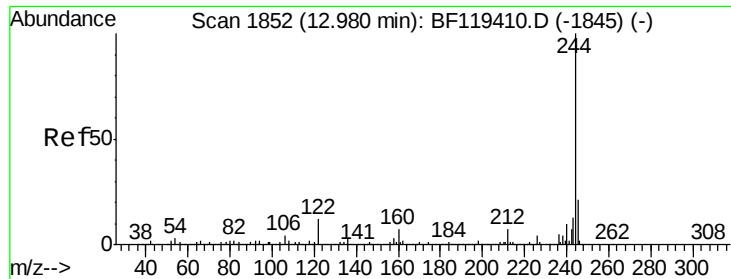


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 36.878 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

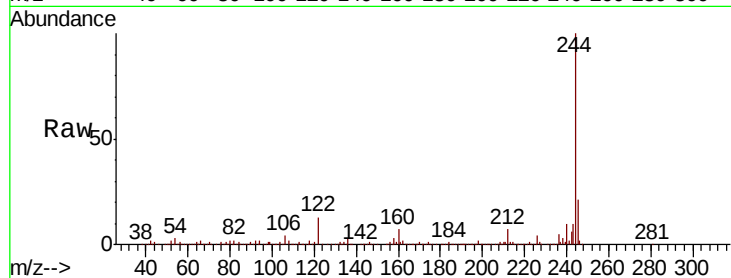
Tot Ion:244 Resp: 1719742

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 12.7 9.8 14.8

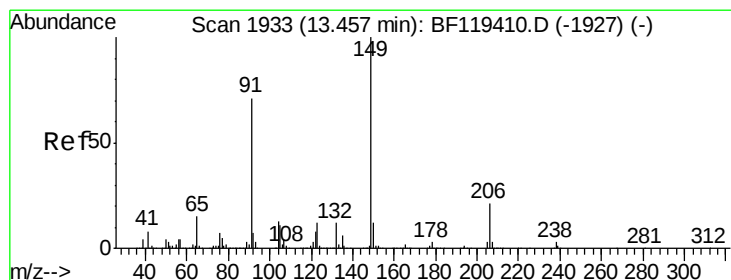
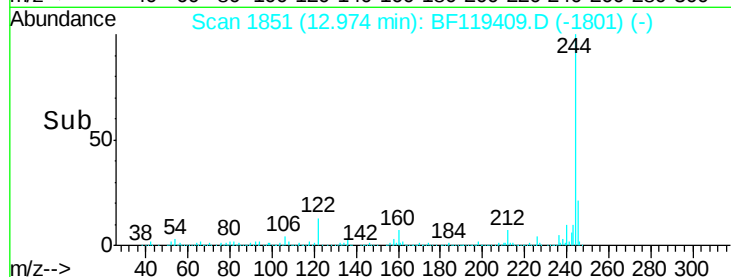
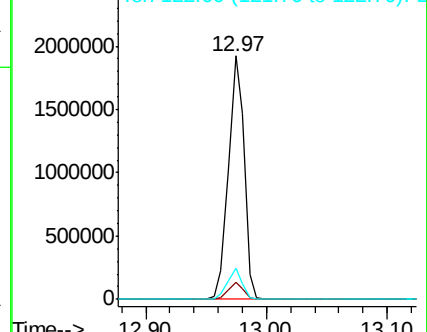


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 18.205 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

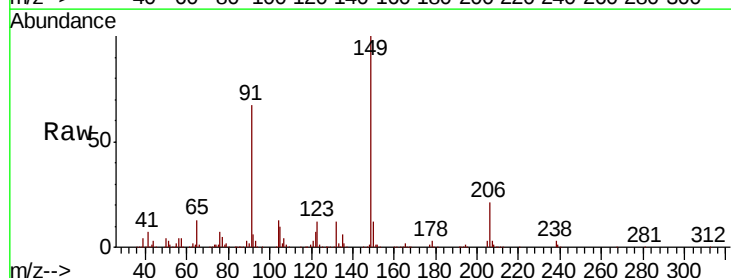
Tgt Ion:149 Resp: 493973

Ion Ratio Lower Upper

149 100

91 66.7 57.0 85.6

206 21.5 16.4 24.6

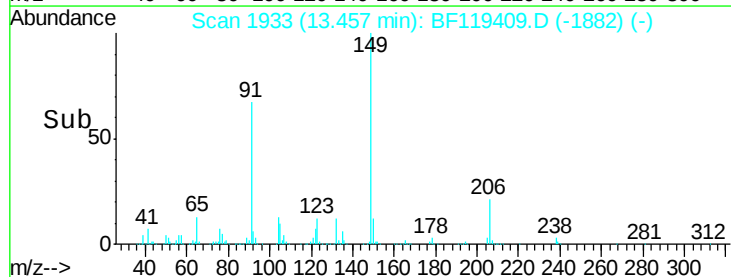
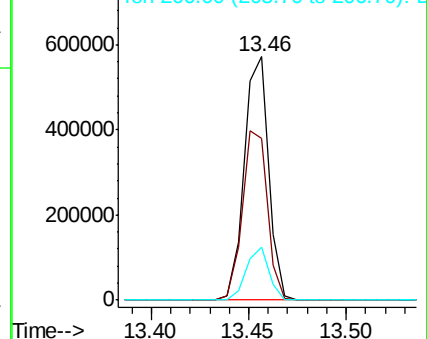


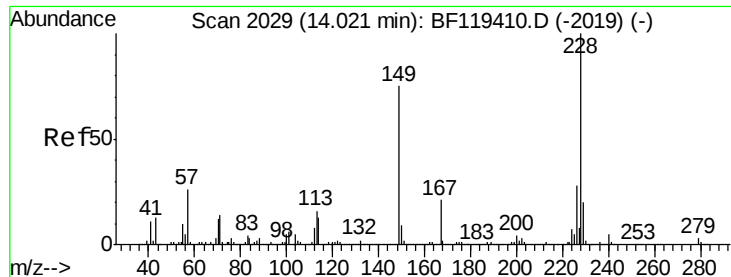
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.395 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

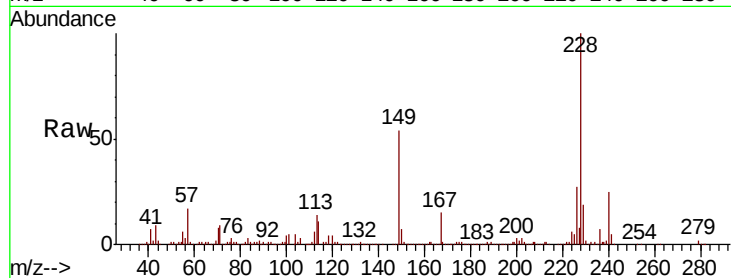
Tot Ion:228 Resp: 1115686

Ion Ratio Lower Upper

228 100

226 26.9 22.3 33.5

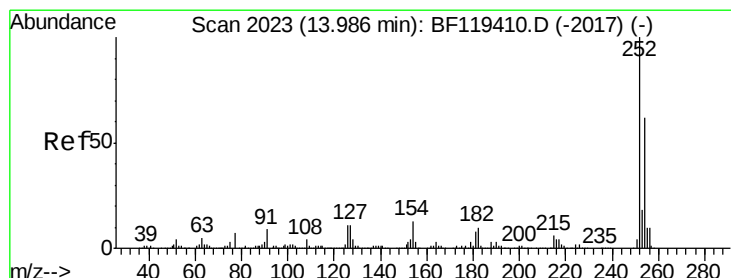
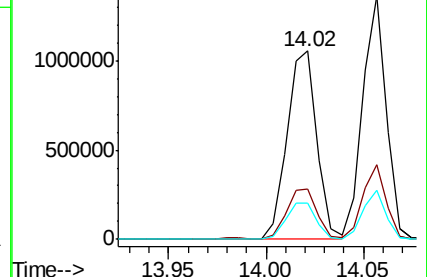
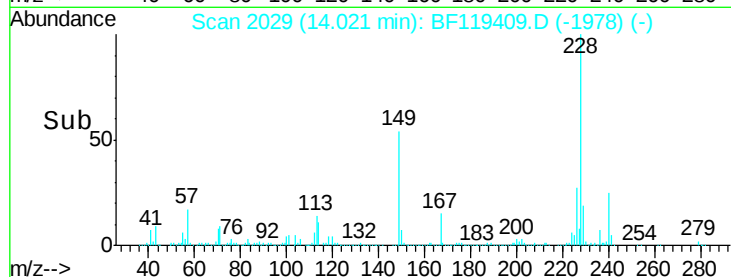
229 19.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.587 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

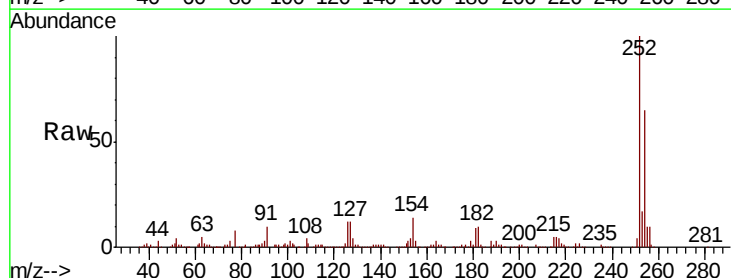
Tgt Ion:252 Resp: 437299

Ion Ratio Lower Upper

252 100

254 64.8 49.8 74.8

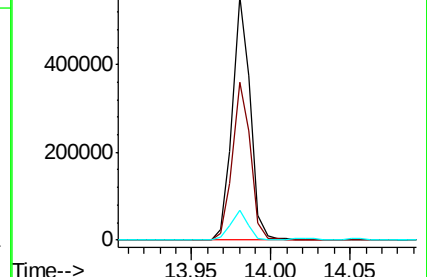
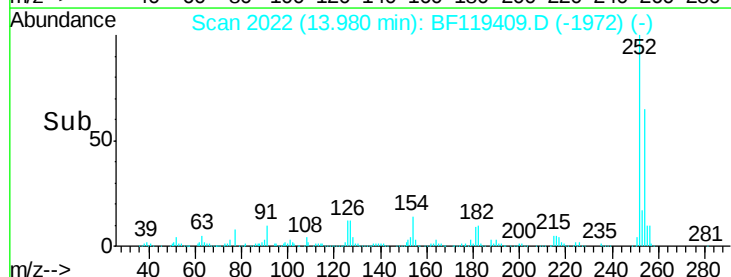
126 12.0 8.9 13.3

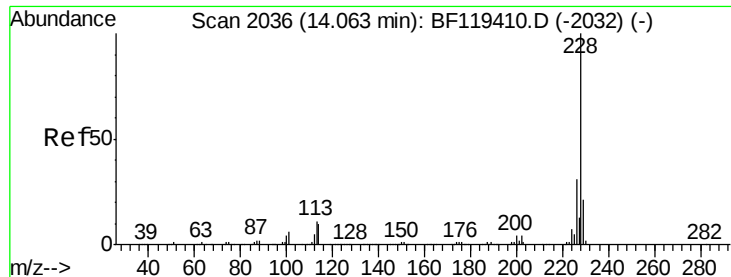


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.897 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

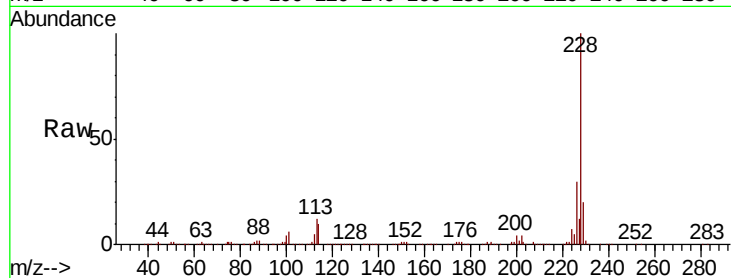
Tot Ion:228 Resp: 1139079

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

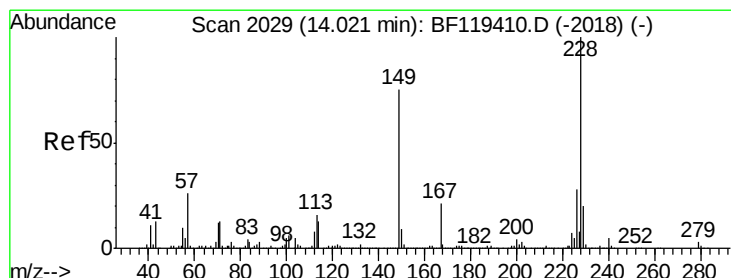
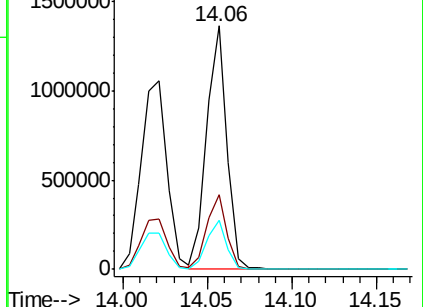
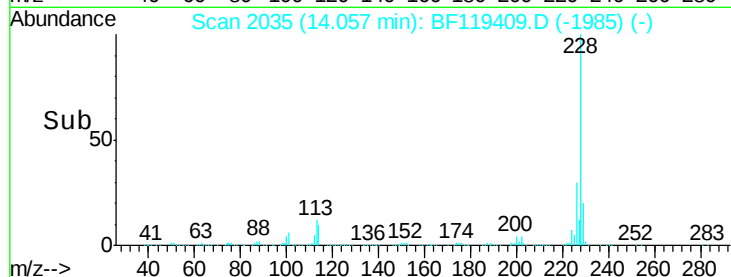
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.522 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

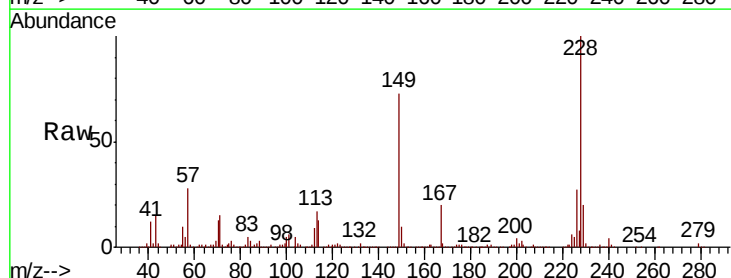
Tgt Ion:149 Resp: 634919

Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

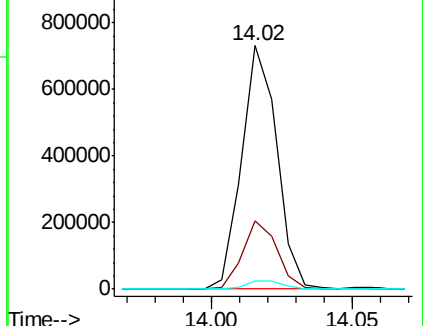
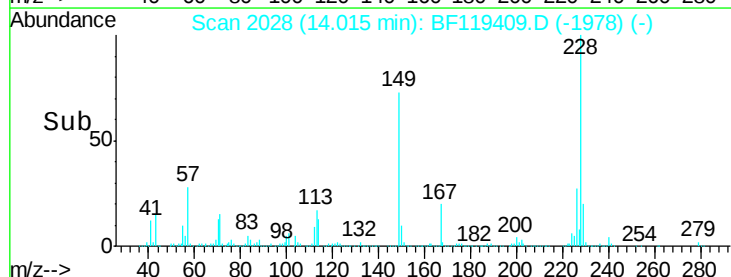
279 3.2 3.2 4.8#

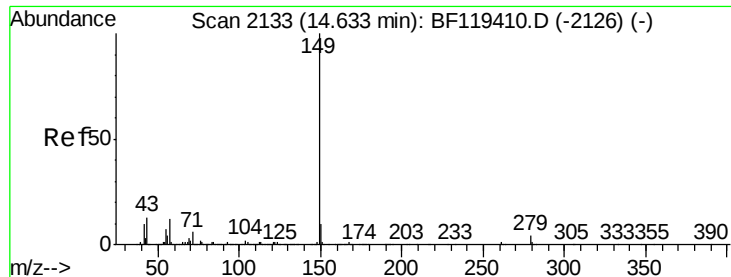


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

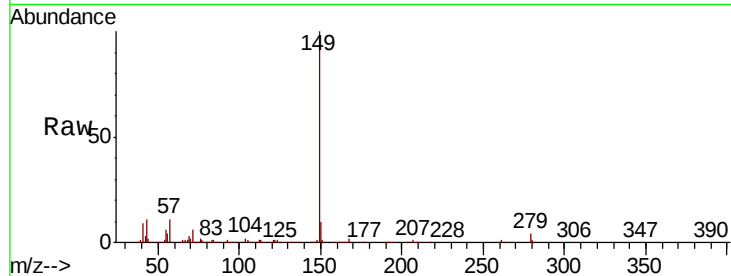




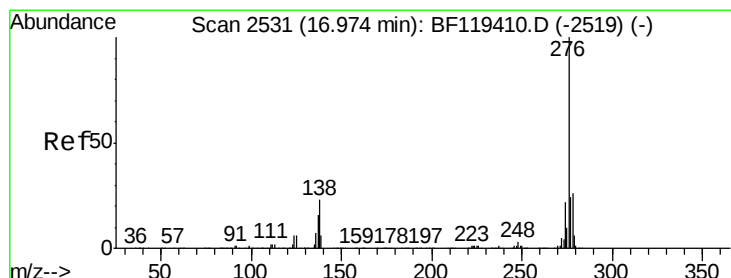
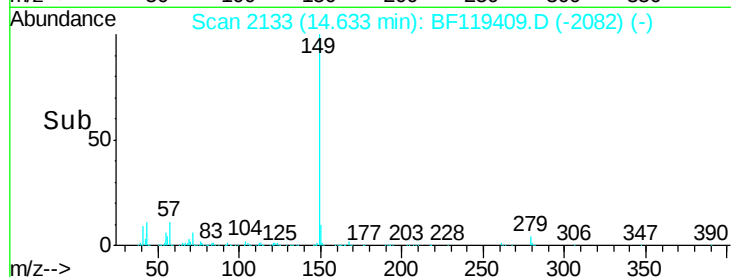
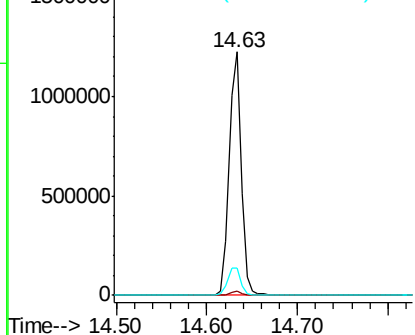
#85
Di-n-octyl phthalate
Concen: 20.637 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:149 Resp: 1127135
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.3 10.1 15.1

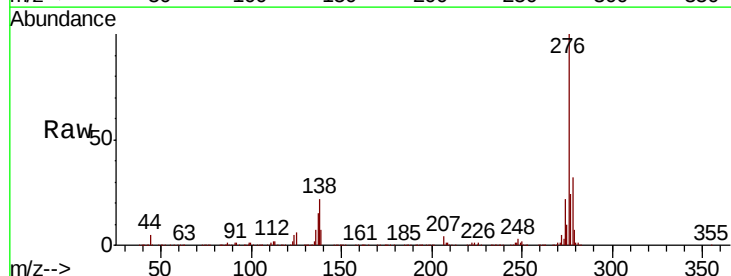


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

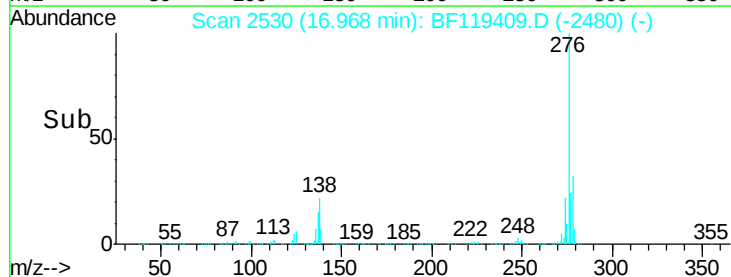
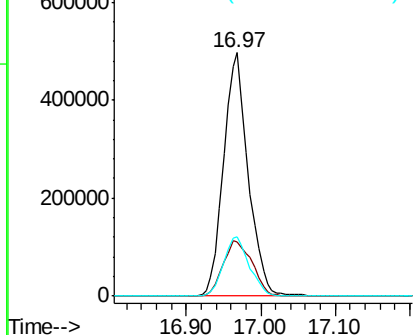


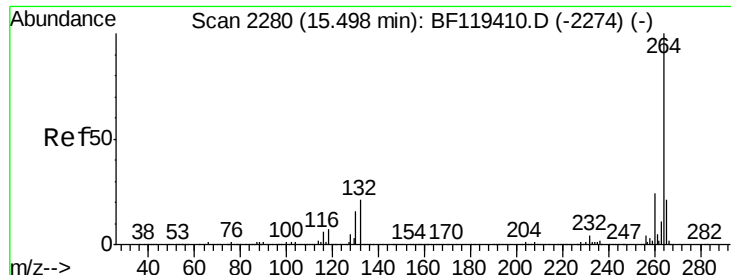
#86
Indeno(1,2,3-cd)pyrene
Concen: 21.698 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:276 Resp: 1145191
Ion Ratio Lower Upper
276 100
138 26.8 21.3 31.9
277 25.4 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

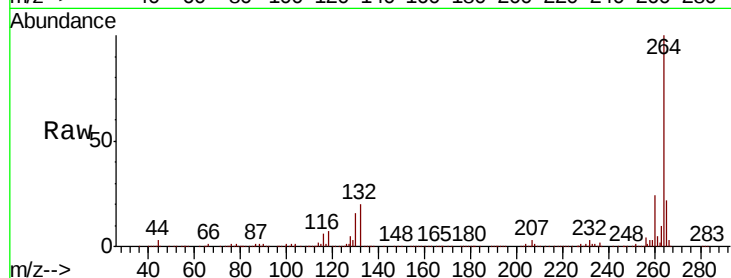
Tot Ion:264 Resp: 861380

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

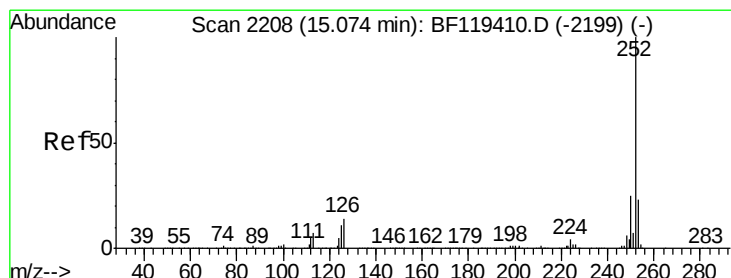
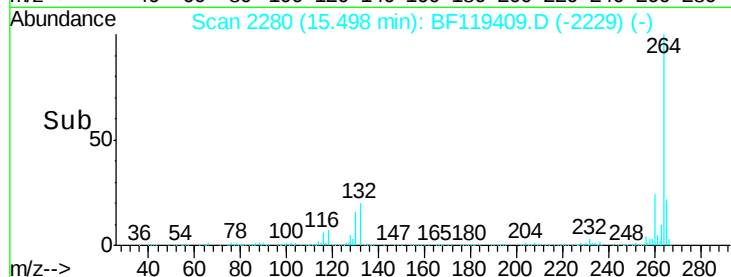
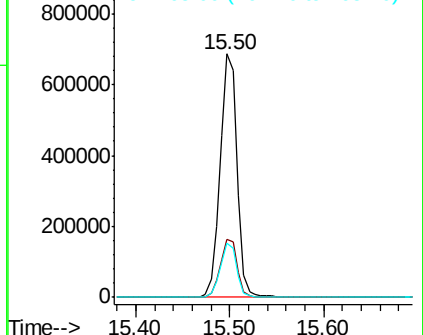
265 22.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 19.713 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

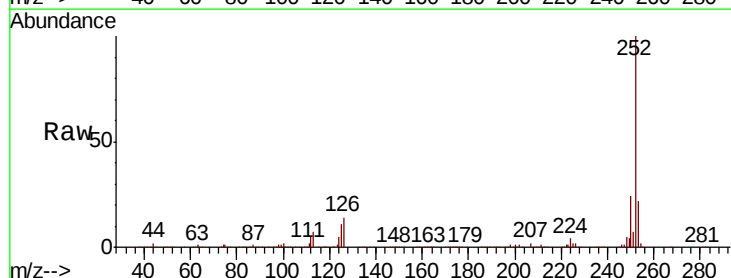
Tgt Ion:252 Resp: 1119255

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

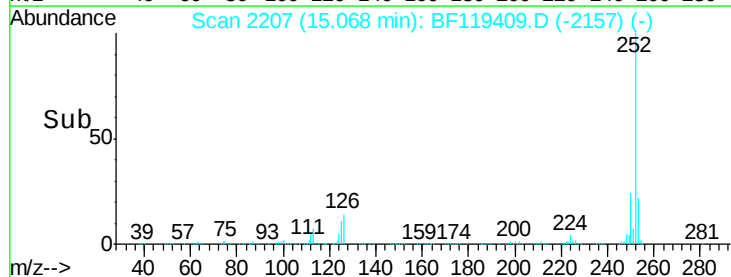
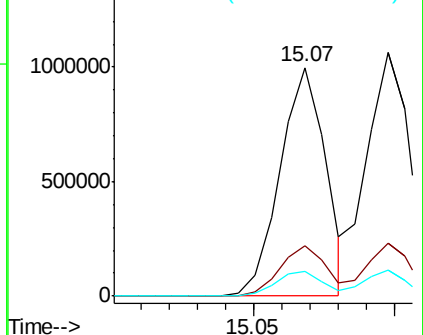
125 10.6 8.8 13.2

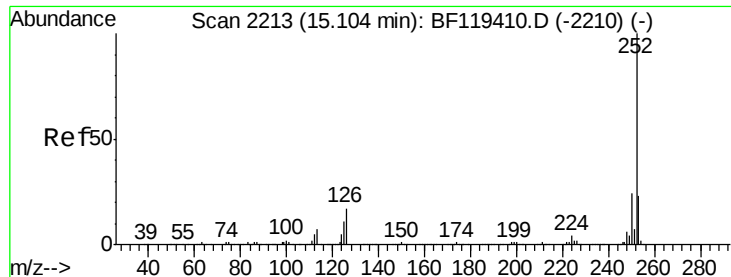


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

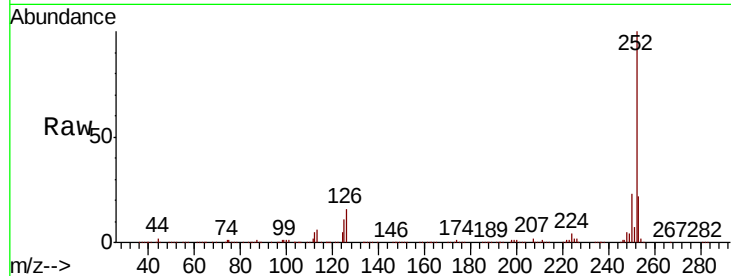




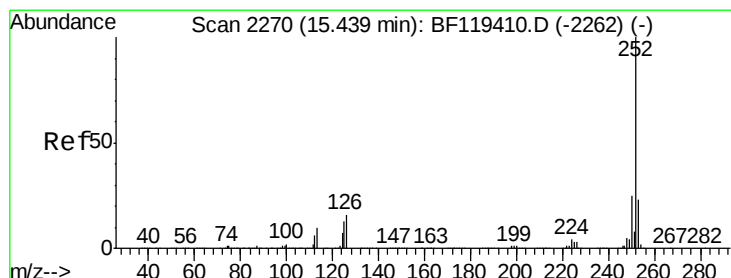
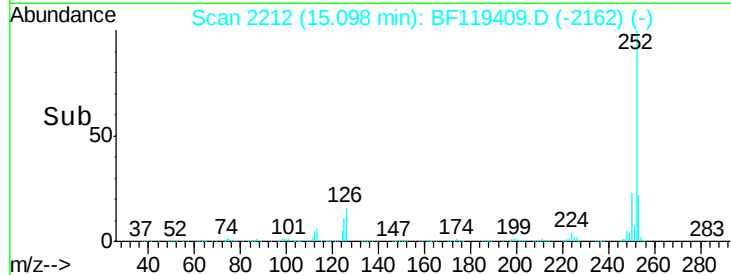
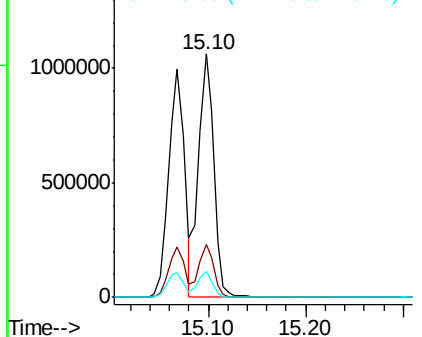
#89
Benzo(k)fluoranthene
Concen: 21.971 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:252 Resp: 1156058
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 10.6 9.0 13.4

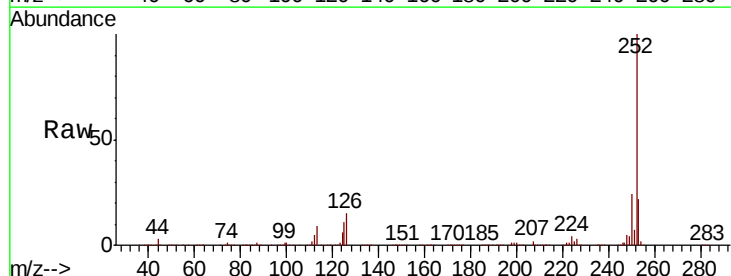


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

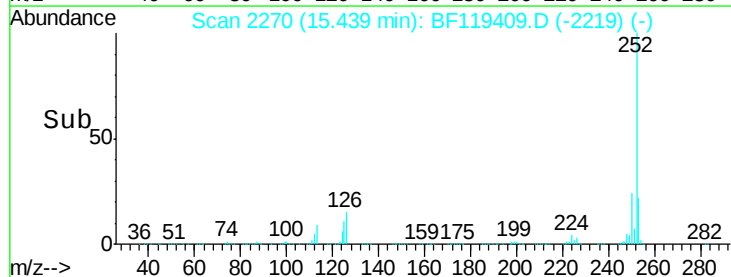
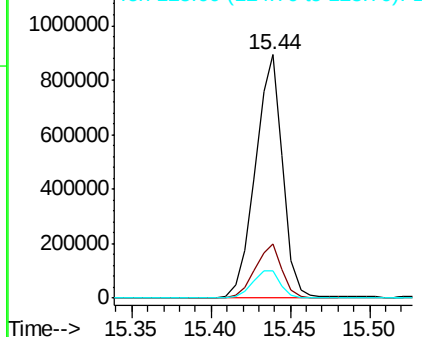


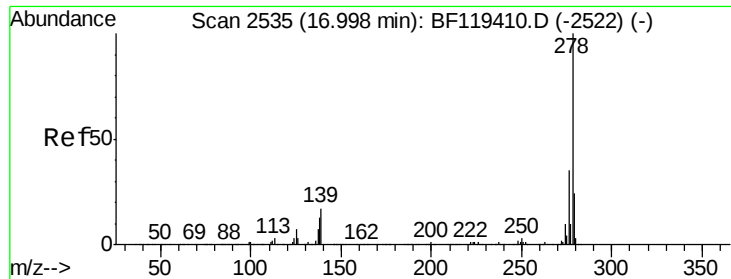
#90
Benzo(a)pyrene
Concen: 20.951 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF119409.D
Acq: 18 Mar 2020 11:43

Tgt Ion:252 Resp: 1073585
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.1 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 21.219 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

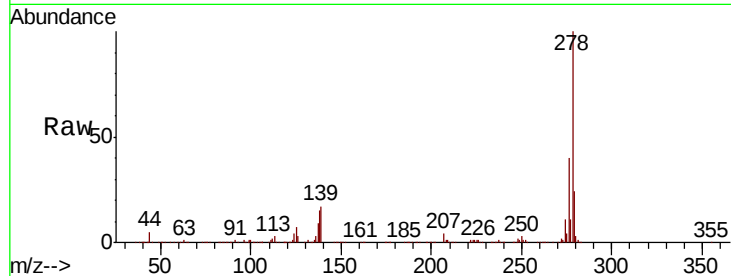
Tot Ion:278 Resp: 956733

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

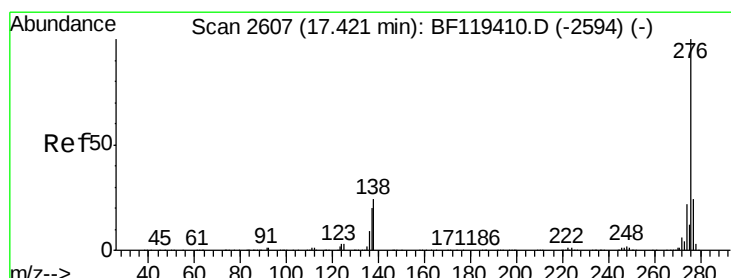
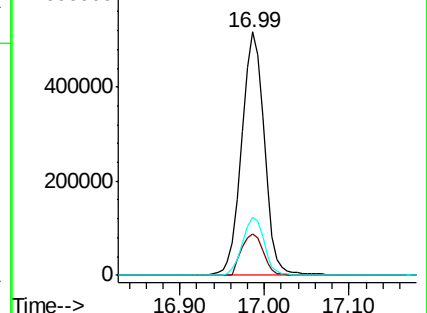
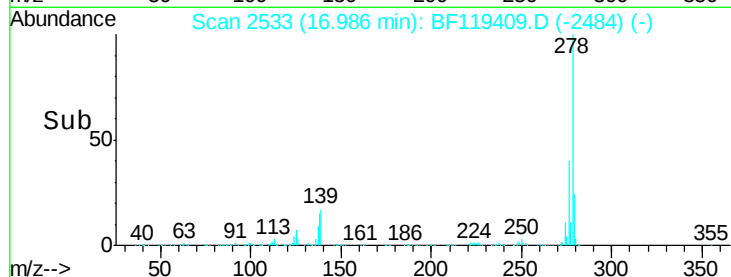
279 23.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.972 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119409.D

Acq: 18 Mar 2020 11:43

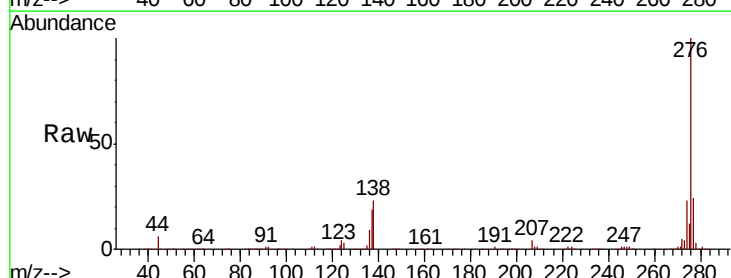
Tgt Ion:276 Resp: 934274

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.6 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

