

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119052.D
 Acq On : 25 Feb 2020 7:14
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 25 07:43:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183934	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	643060	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	339362	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	574227	20.00	ng	0.00
76) Chrysene-d12	13.91	240	362178	20.00	ng	0.00
87) Perylene-d12	15.33	264	413389	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	897810	81.57	ng	0.00
7) Phenol-d6	6.40	99	1069677	79.91	ng	0.00
23) Nitrobenzene-d5	7.32	82	997669	81.92	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	344558	77.61	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1842527	79.98	ng	0.00
79) Terphenyl-d14	12.85	244	1843732	87.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	189765	38.725	ng	99
3) Pyridine	3.16	79	516927	38.626	ng	99
4) n-Nitrosodimethylamine	3.10	42	167465	41.307	ng	92
6) Aniline	6.42	93	642715	38.913	ng	# 59
8) 2-Chlorophenol	6.55	128	482705	40.639	ng	97
9) Benzaldehyde	6.30	77	340918	38.121	ng	98
10) Phenol	6.42	94	569962	39.383	ng	88
11) bis(2-Chloroethyl)ether	6.49	93	444895	40.177	ng	98
12) 1,3-Dichlorobenzene	6.70	146	577497	40.565	ng	99
13) 1,4-Dichlorobenzene	6.77	146	579660	40.689	ng	99
14) 1,2-Dichlorobenzene	6.93	146	529852	40.781	ng	99
15) Benzyl Alcohol	6.90	79	397515	41.090	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	382449	39.870	ng	89
17) 2-Methylphenol	7.02	107	381158	39.580	ng	95
18) Hexachloroethane	7.27	117	207946	40.800	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	304955	39.098	ng	95
20) 3+4-Methylphenols	7.17	107	464482	39.369	ng	# 84
22) Acetophenone	7.17	105	608120	40.872	ng	98
24) Nitrobenzene	7.34	77	488594	40.568	ng	98
25) Isophorone	7.58	82	834842	39.469	ng	99
26) 2-Nitrophenol	7.66	139	262652	41.159	ng	98
27) 2,4-Dimethylphenol	7.70	122	348589	40.249	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	555300	40.334	ng	100
29) 2,4-Dichlorophenol	7.90	162	410741	40.285	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	491774	40.681	ng	100
31) Naphthalene	8.06	128	1347804	40.414	ng	99
32) Benzoic acid	7.85	122	231926	38.273	ng	99
33) 4-Chloroaniline	8.11	127	563473	39.282	ng	99
34) Hexachlorobutadiene	8.18	225	312458	41.495	ng	100
35) Caprolactam	8.49	113	119135	37.948	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	400657	38.828	ng	100
37) 2-Methylnaphthalene	8.75	142	895030	39.879	ng	99
38) 1-Methylnaphthalene	8.85	142	842141	39.898	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	471212	41.183	ng	100

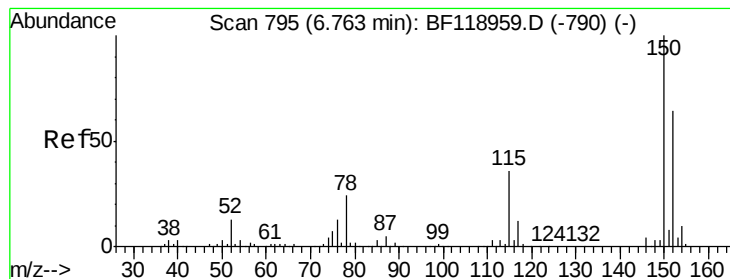
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	129146	36.762	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	299822	41.495	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	304029	40.098	ng	99
46) 1,1'-Biphenyl	9.22	154	1126017	41.054	ng	99
47) 2-Chloronaphthalene	9.24	162	902203	40.819	ng	98
48) 2-Nitroaniline	9.33	65	244960	39.736	ng	96
49) Acenaphthylene	9.65	152	1290438	40.424	ng	99
50) Dimethylphthalate	9.52	163	1035914	39.919	ng	100
51) 2,6-Dinitrotoluene	9.58	165	225288	39.076	ng	96
52) Acenaphthene	9.82	154	777784	40.407	ng	99
53) 3-Nitroaniline	9.75	138	243092	38.033	ng	97
54) 2,4-Dinitrophenol	9.86	184	85945	35.281	ng	97
55) Dibenzofuran	10.00	168	1150154	40.033	ng	99
56) 4-Nitrophenol	9.92	139	134096	34.919	ng	98
57) 2,4-Dinitrotoluene	9.99	165	289680	38.763	ng	96
58) Fluorene	10.34	166	889849	39.859	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	251033	39.238	ng	99
60) Diethylphthalate	10.21	149	964476	39.439	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	477639	40.419	ng	99
62) 4-Nitroaniline	10.36	138	243007	37.161	ng	99
63) Azobenzene	10.49	77	848082	39.897	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	137937	39.697	ng	99
66) n-Nitrosodiphenylamine	10.45	169	785723	41.789	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	320698	42.726	ng	99
68) Hexachlorobenzene	10.89	284	362820	41.926	ng	94
69) Atrazine	10.97	200	246989	37.597	ng	98
70) Pentachlorophenol	11.09	266	139938	40.143	ng	98
71) Phenanthrene	11.30	178	1278793	40.836	ng	100
72) Anthracene	11.35	178	1287671	41.154	ng	99
73) Carbazole	11.50	167	1090873	39.134	ng	99
74) Di-n-butylphthalate	11.83	149	1403501	41.577	ng	100
75) Fluoranthene	12.48	202	1260882	37.932	ng	100
77) Benzidine	12.60	184	520373	35.329	ng	99
78) Pyrene	12.71	202	1246175	42.850	ng	100
80) Butylbenzylphthalate	13.33	149	529563	43.265	ng	92
81) Benzo(a)anthracene	13.90	228	1016596	41.195	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	400252	41.769	ng	99
83) Chrysene	13.93	228	1001524	40.730	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	693096	44.821	ng	100
85) Di-n-octyl phthalate	14.49	149	1073584	43.574	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1327653	55.763	ng	98
88) Benzo(b)fluoranthene	14.93	252	1034499	37.966	ng	99
89) Benzo(k)fluoranthene	14.96	252	1017794	40.306	ng	99
90) Benzo(a)pyrene	15.27	252	985294	40.065	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	1080513	49.935	ng	97
92) Benzo(g,h,i)perylene	17.17	276	1107970	51.823	ng	97

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

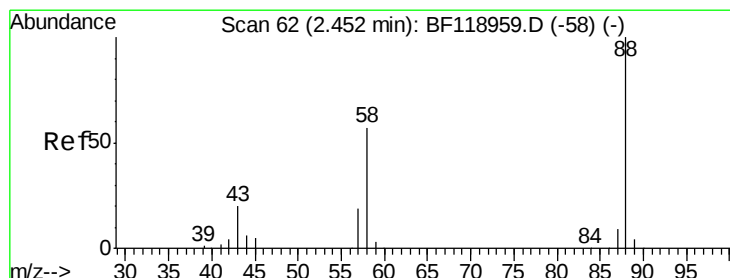
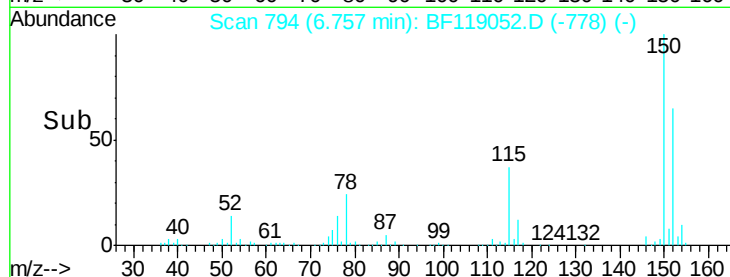
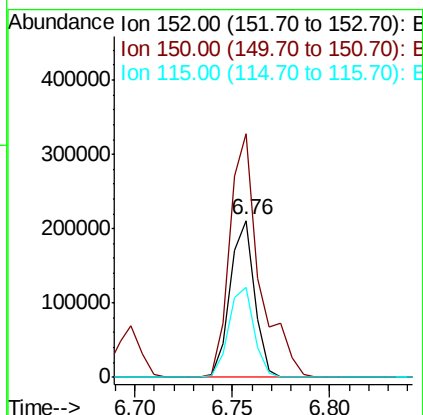
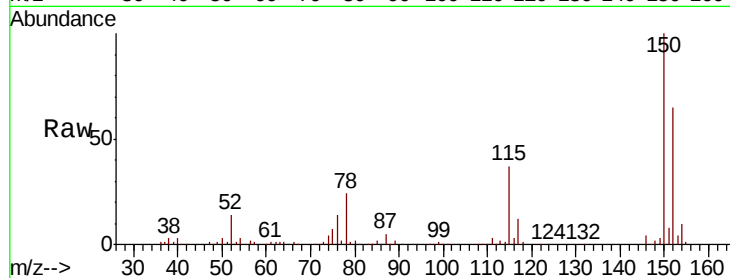


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

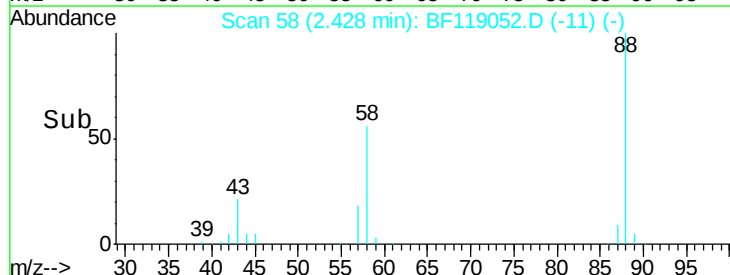
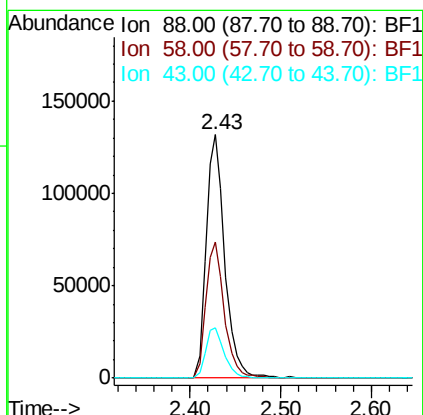
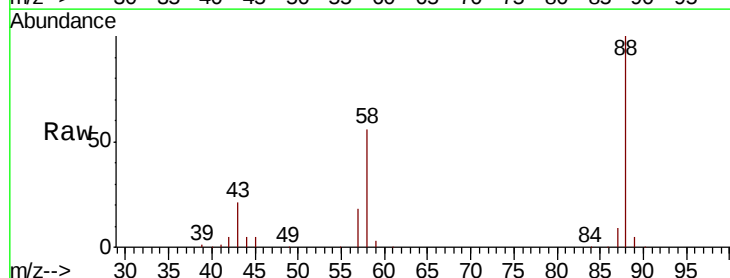
Tot Ion:152 Resp: 183934
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 57.7 44.6 67.0

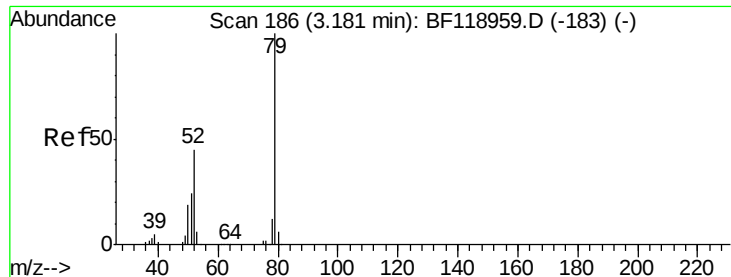


#2

1,4-Dioxane
Concen: 38.725 ng
RT: 2.43 min Scan# 58
Delta R.T. -0.02 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion: 88 Resp: 189765
Ion Ratio Lower Upper
88 100
58 55.3 44.6 66.8
43 20.6 16.0 24.0

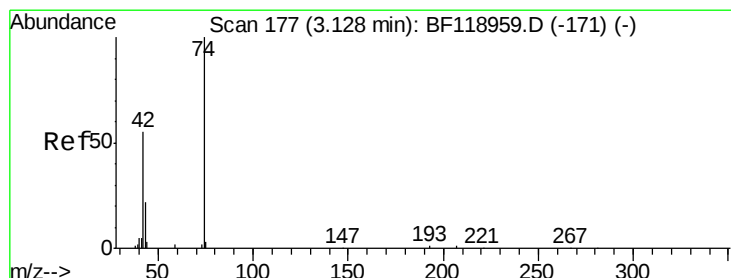
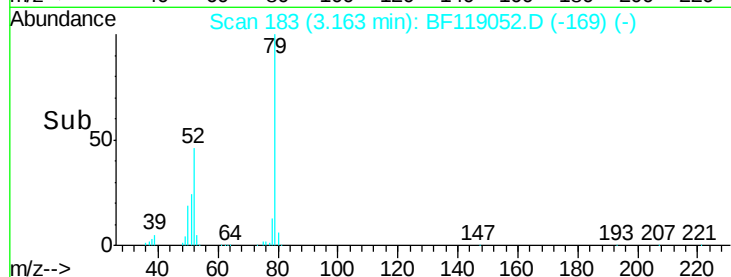
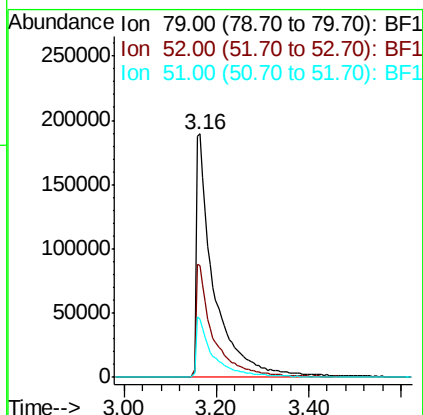
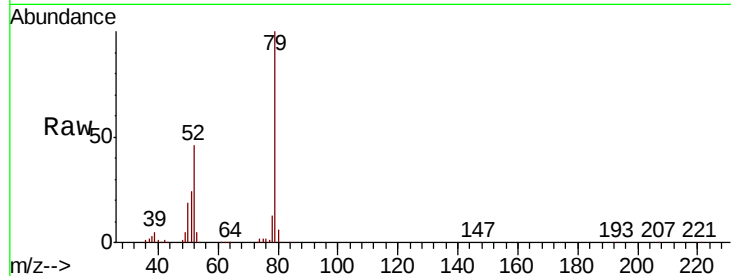




#3
 Pvridine
 Concen: 38.626 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

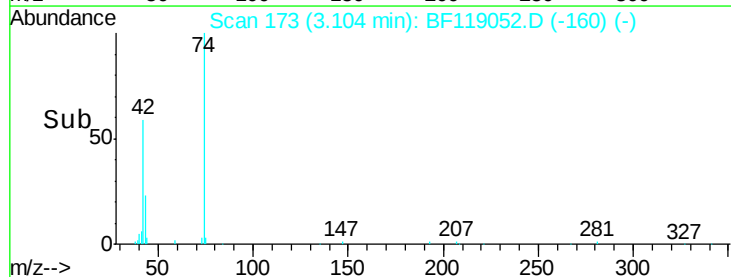
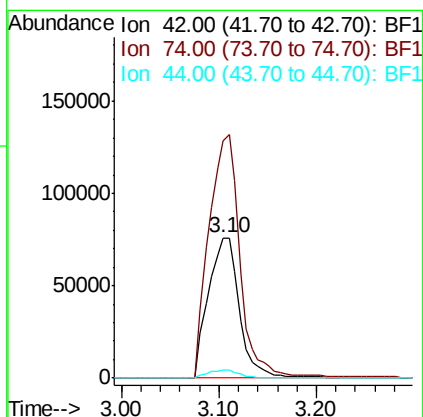
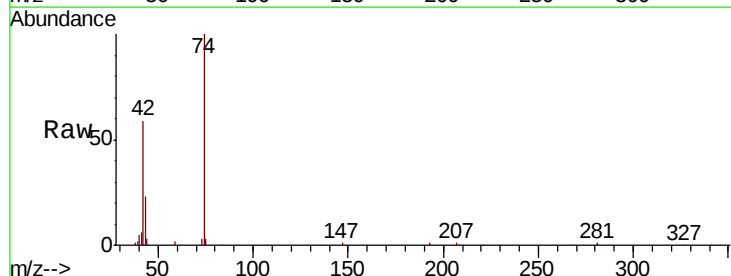
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

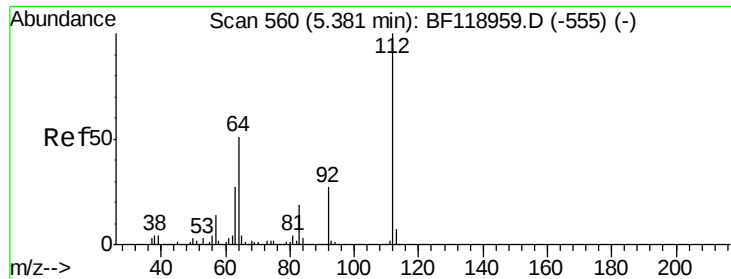
Tot Ion	Ratio	Lower	Upper
79	100		
52	45.7	36.3	54.5
51	23.8	19.5	29.3



#4
 n-Nitrosodimethylamine
 Concen: 41.307 ng
 RT: 3.10 min Scan# 173
 Delta R.T. -0.02 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.1	144.4	216.6
44	5.9	4.5	6.7





#5

2-Fluorophenol

Concen: 81.573 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

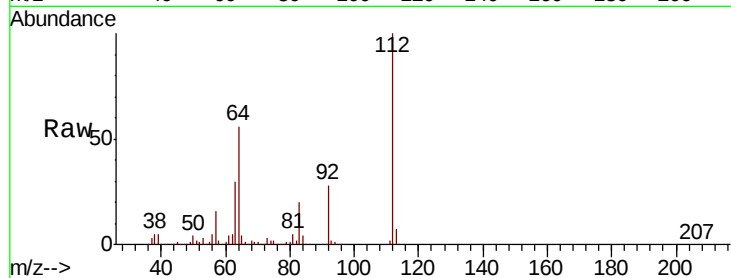
Tot Ion:112 Resp: 897810

Ion Ratio Lower Upper

112 100

64 55.8 40.4 60.6

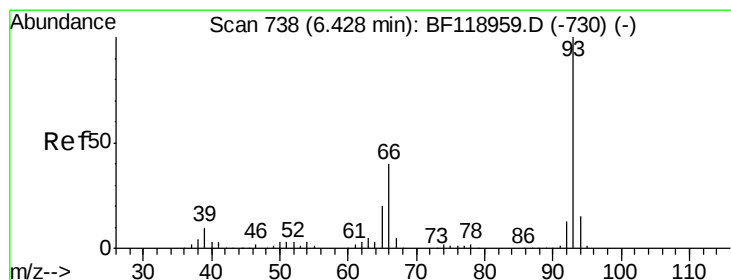
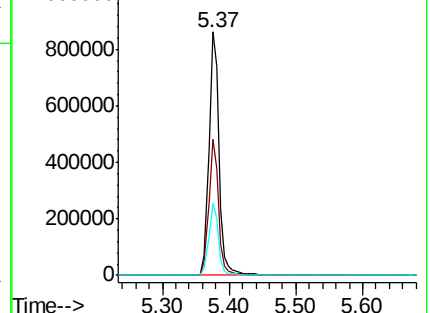
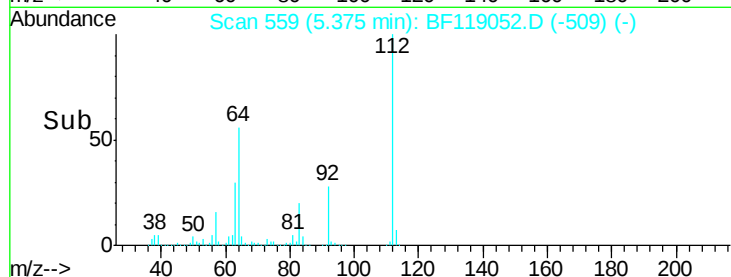
63 29.8 21.3 31.9



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: 38.913 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

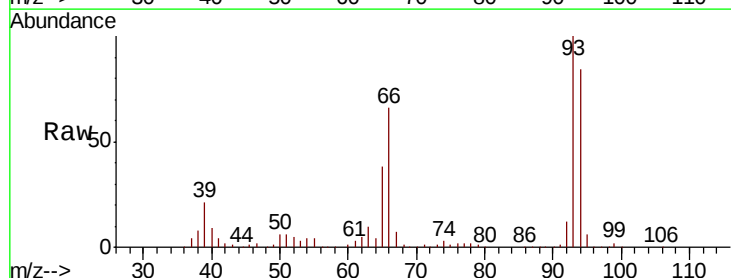
Tgt Ion: 93 Resp: 642715

Ion Ratio Lower Upper

93 100

66 66.0 32.2 48.2#

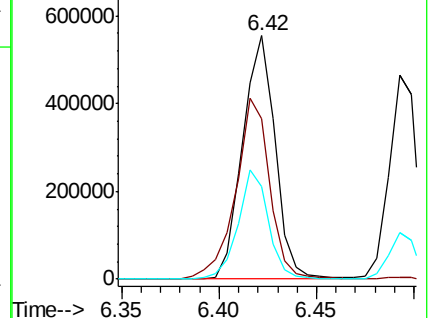
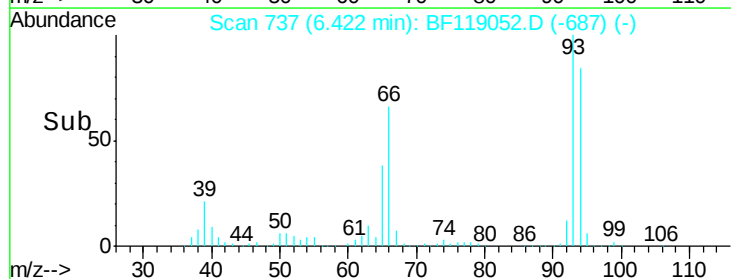
65 38.2 16.1 24.1#

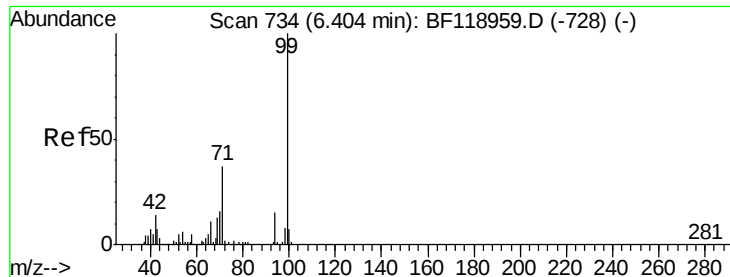


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.912 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

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ClientSampleId :

SSTDCCC040

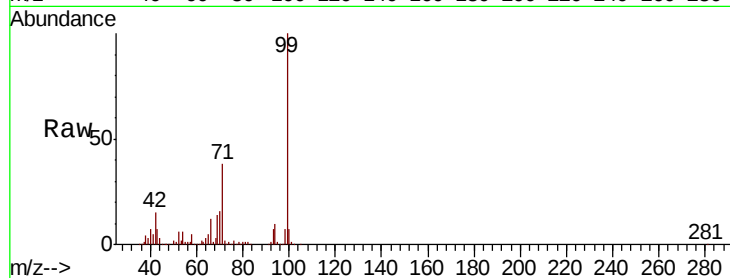
Tot Ion: 99 Resp: 1069677

Ion Ratio Lower Upper

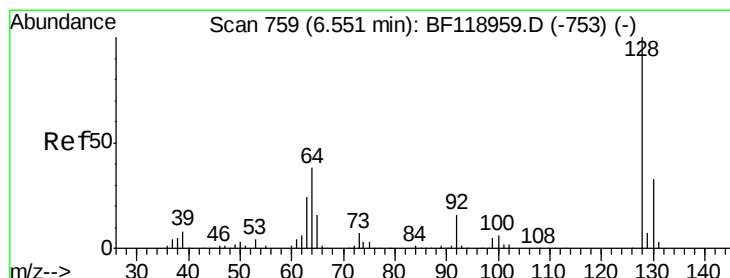
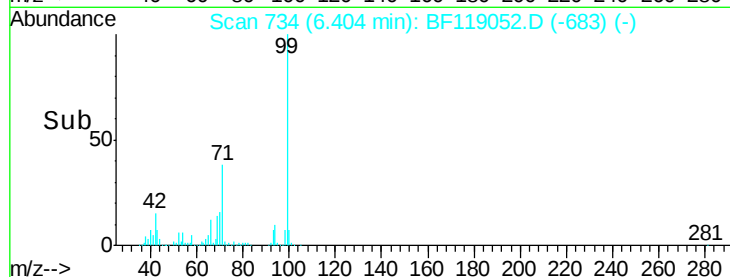
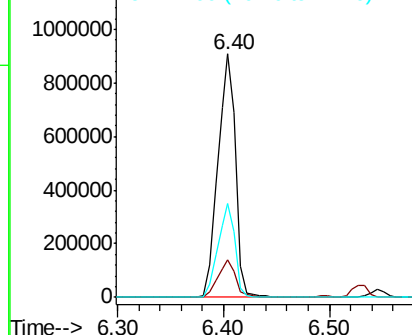
99 100

42 15.2 11.4 17.0

71 38.3 29.8 44.6



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: 40.639 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

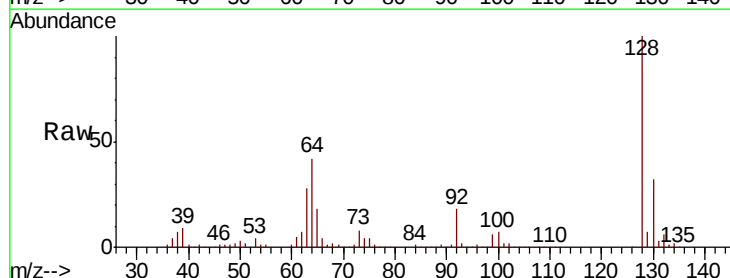
Tgt Ion:128 Resp: 482705

Ion Ratio Lower Upper

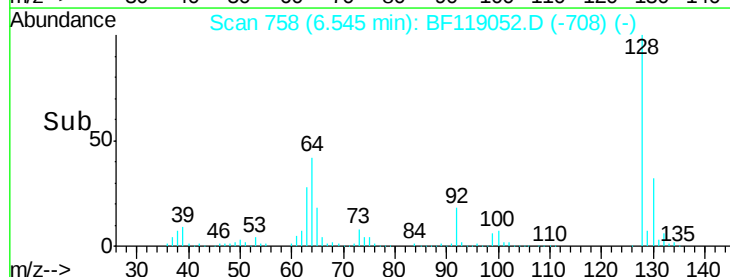
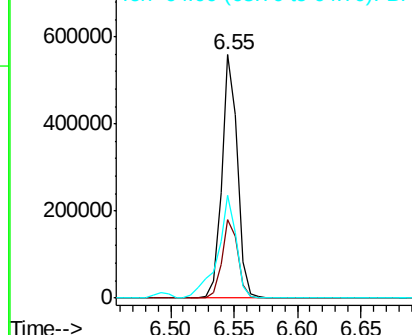
128 100

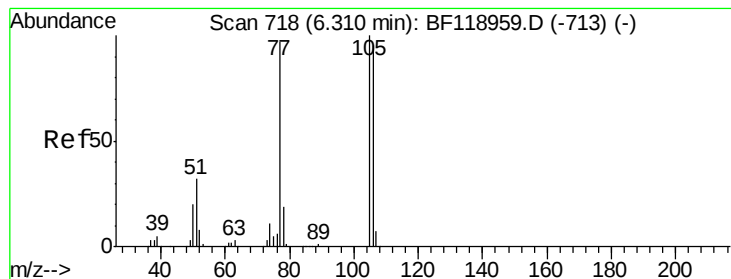
130 32.4 12.7 52.7

64 42.3 18.7 58.7



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: 38.121 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

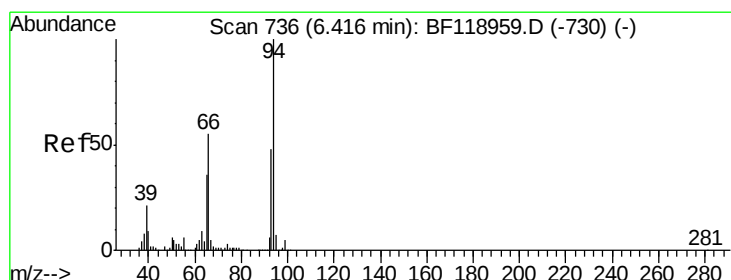
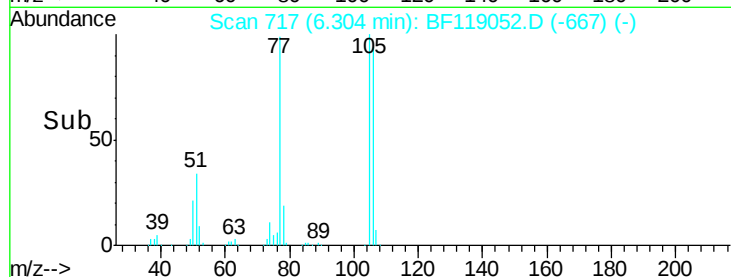
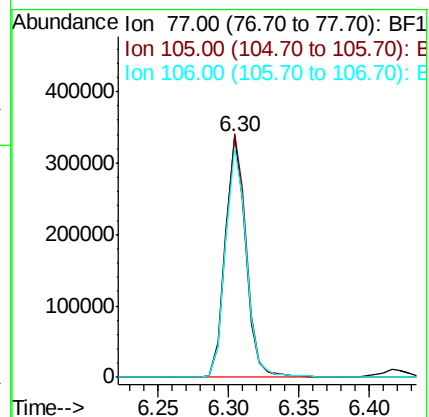
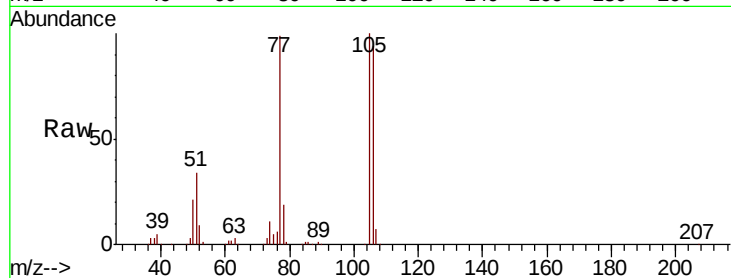
Tot Ion: 77 Resp: 340918

Ion Ratio Lower Upper

77 100

105 101.3 83.0 123.0

106 95.3 78.3 118.3



#10

Phenol

Concen: 39.383 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

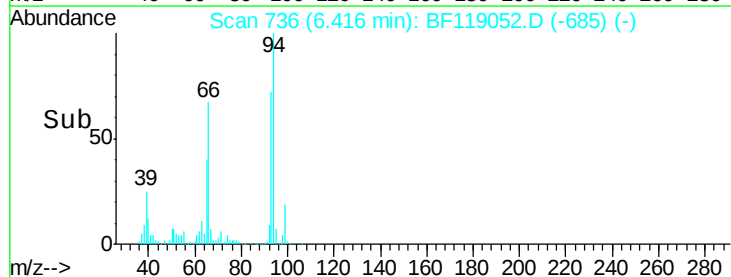
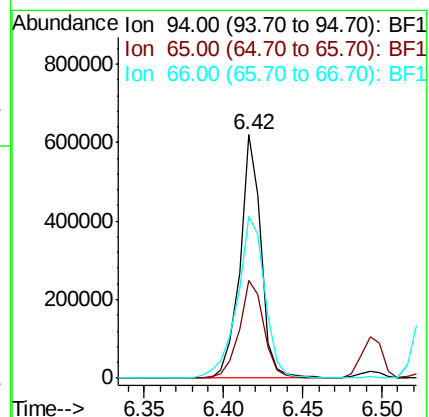
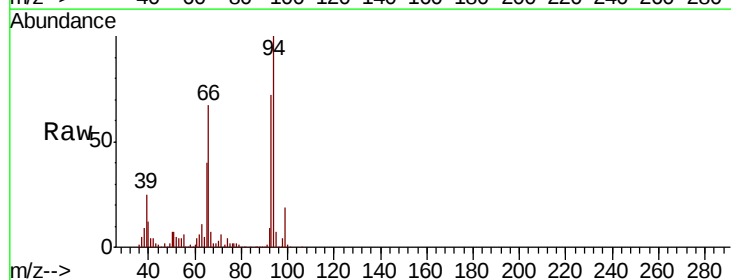
Tgt Ion: 94 Resp: 569962

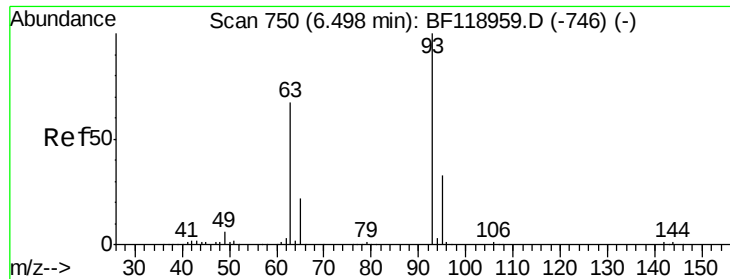
Ion Ratio Lower Upper

94 100

65 40.3 15.5 55.5

66 66.5 35.6 75.6

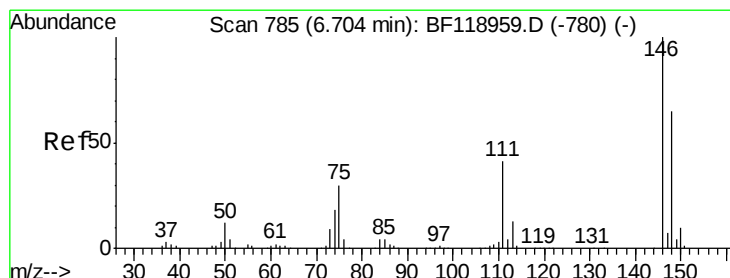
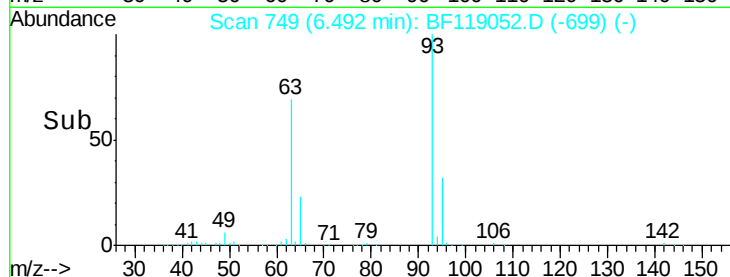
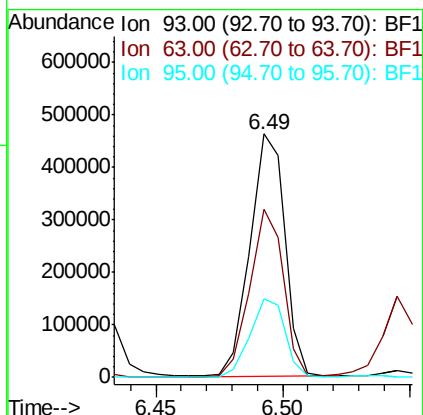
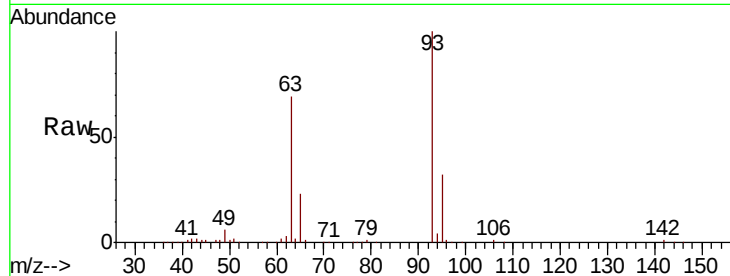




#11
bis(2-Chloroethyl)ether
Concen: 40.177 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

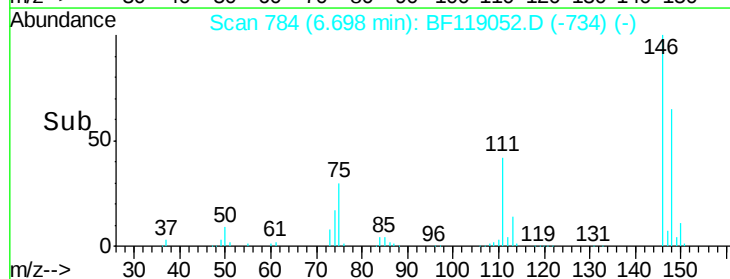
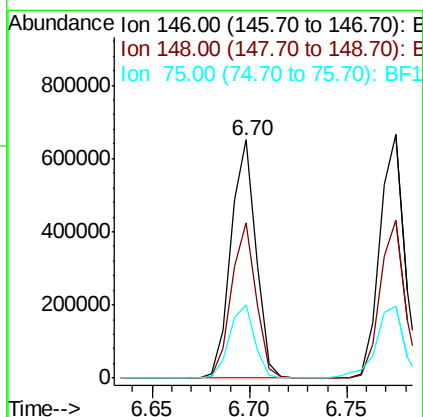
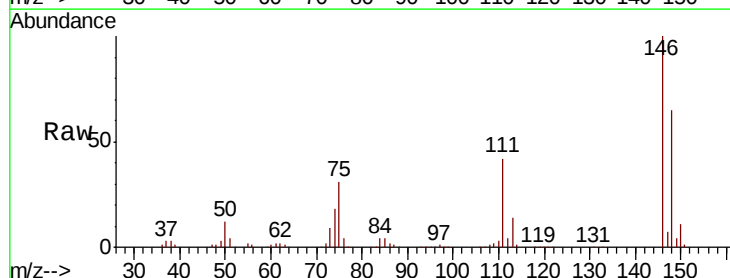
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

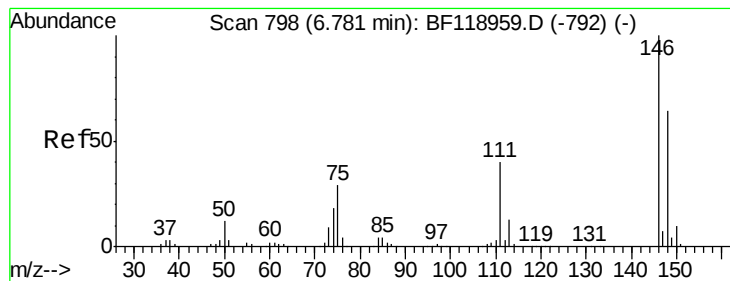
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.2	46.8	86.8
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.565 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	30.8	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 40.689 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

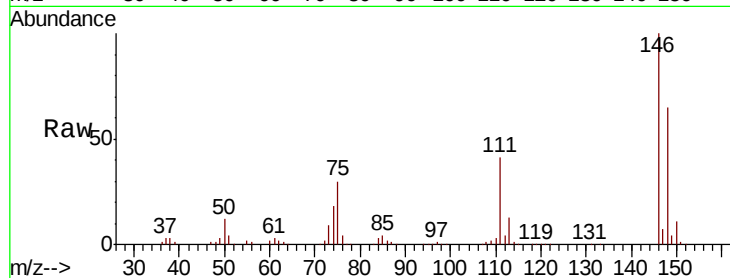
Tot Ion:146 Resp: 579660

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 41.1 31.9 47.9



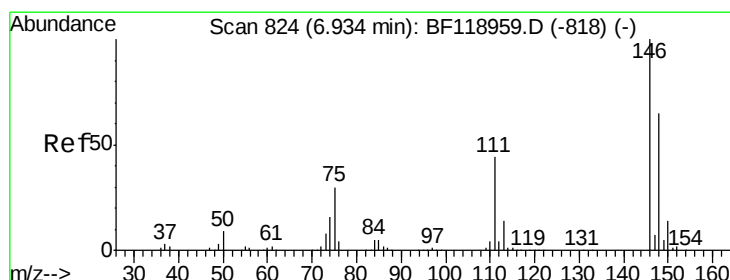
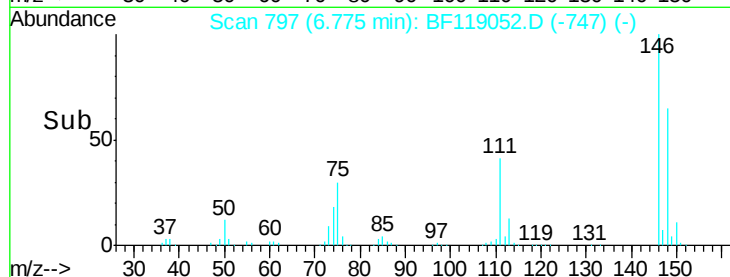
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.77

Time-->



#14

1,2-Dichlorobenzene

Concen: 40.781 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

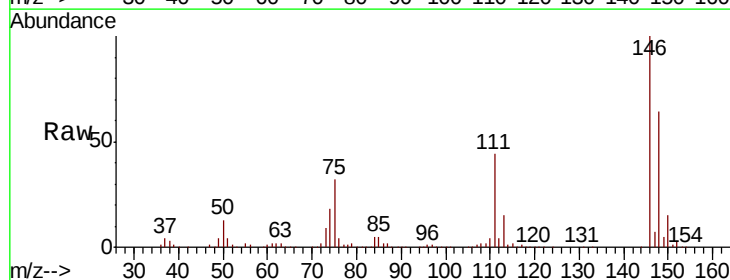
Tgt Ion:146 Resp: 529852

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

111 44.2 35.5 53.3



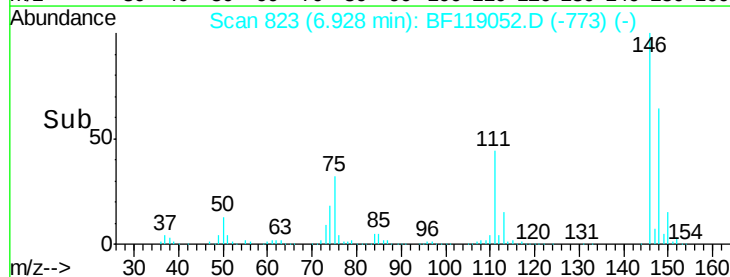
Abundance Ion 146.00 (145.70 to 146.70): E

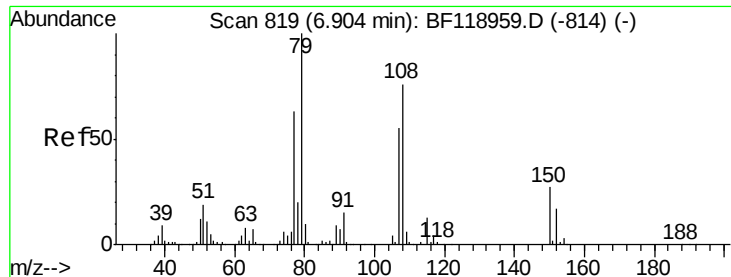
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.93

Time-->





#15

Benzyl Alcohol

Concen: 41.090 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

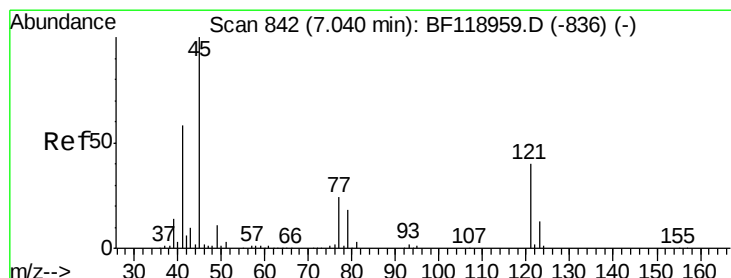
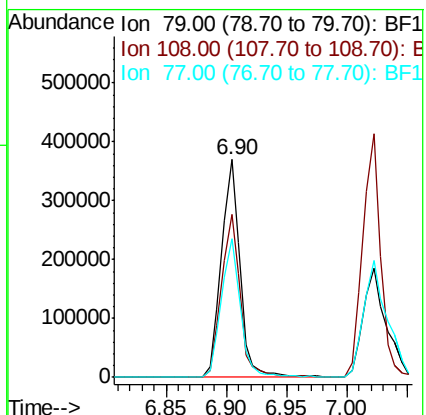
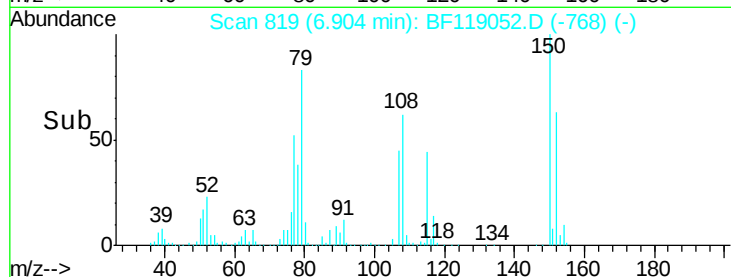
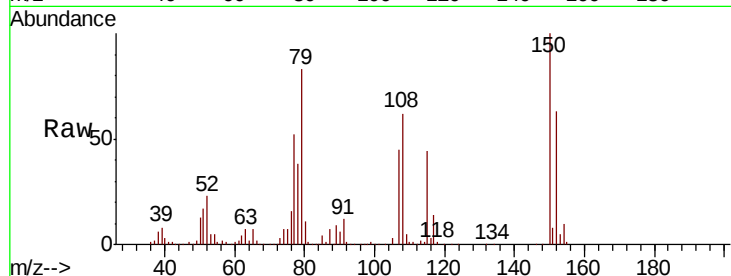
Tot Ion: 79 Resp: 397515

Ion Ratio Lower Upper

79 100

108 75.1 61.1 91.7

77 63.5 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.870 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

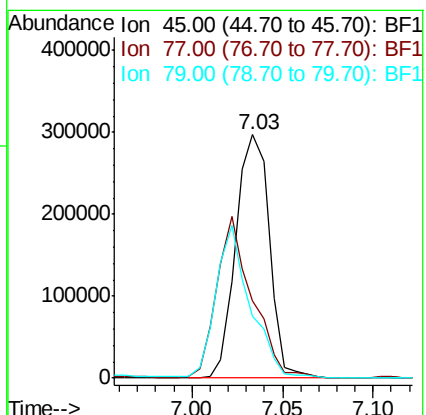
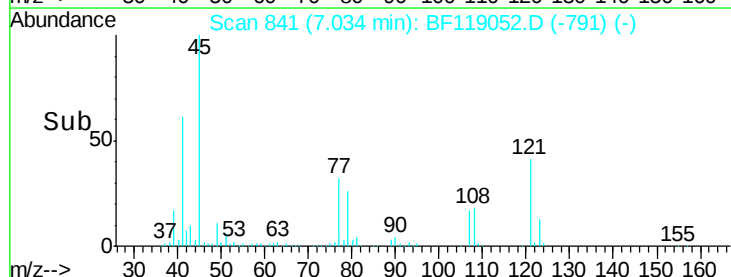
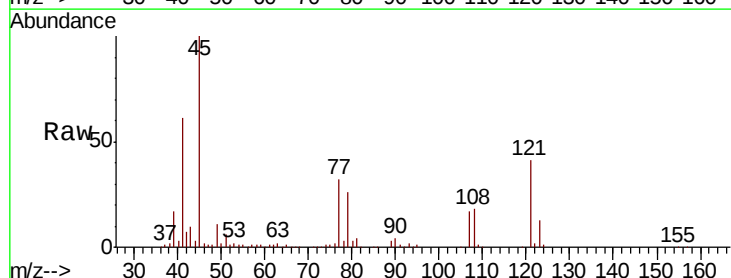
Tgt Ion: 45 Resp: 382449

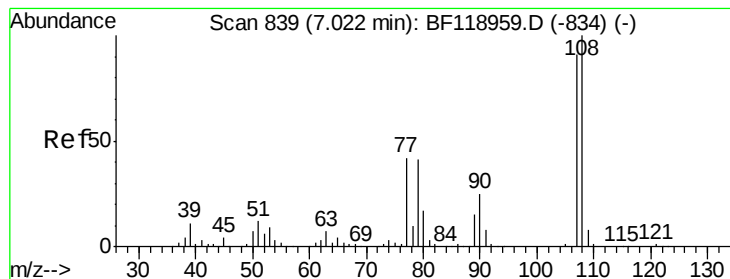
Ion Ratio Lower Upper

45 100

77 31.6 6.1 46.1

79 25.6 0.5 40.5





#17

2-Methylphenol

Concen: 39.580 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 381158

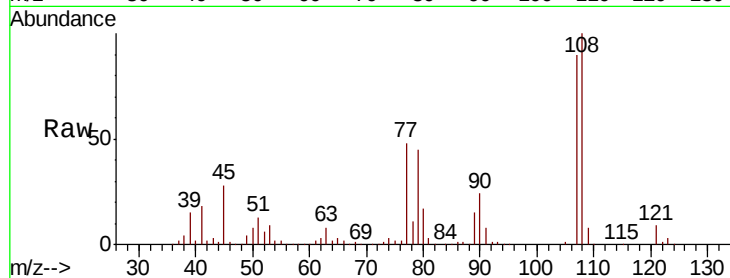
Ion Ratio Lower Upper

107 100

108 110.9 87.7 131.5

77 53.0 36.8 55.2

79 50.0 36.4 54.6

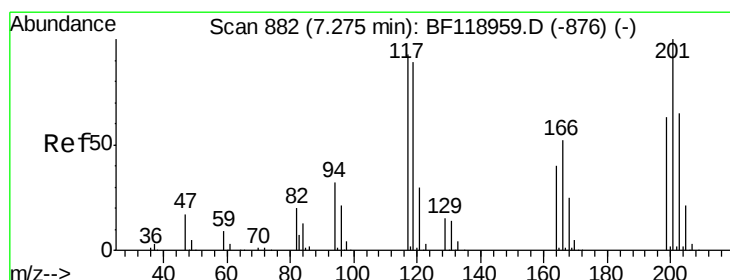
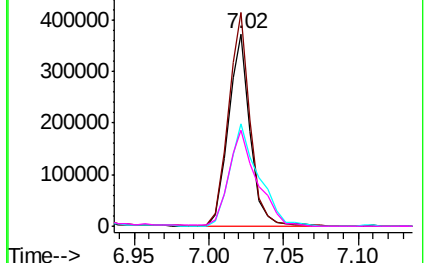
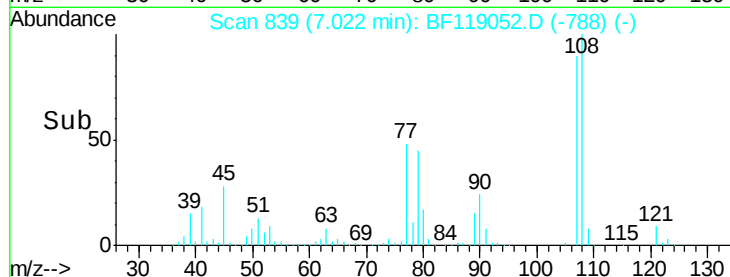


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.800 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

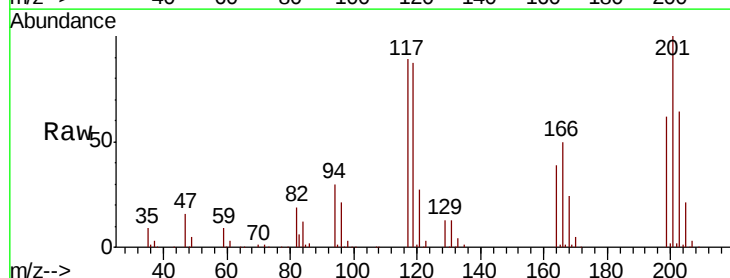
Tgt Ion:117 Resp: 207946

Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.6

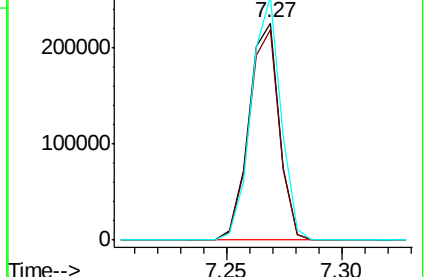
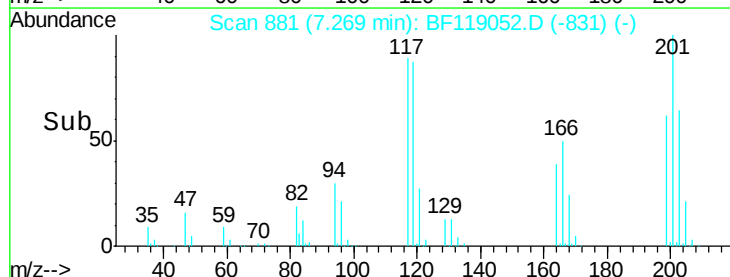
201 112.4 86.4 129.6

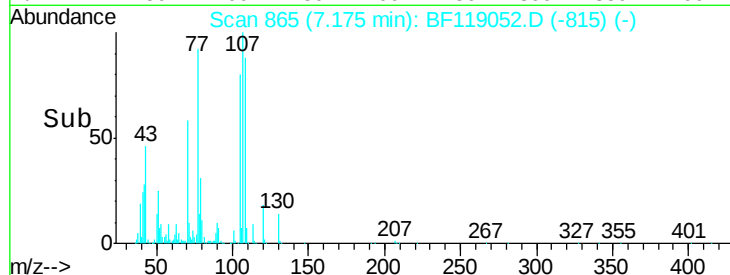
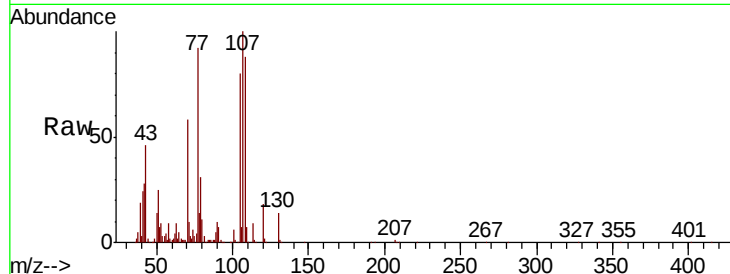
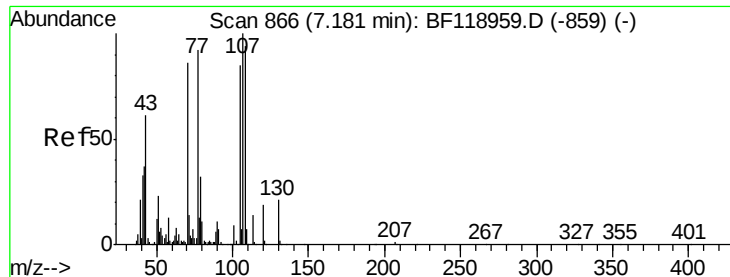


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

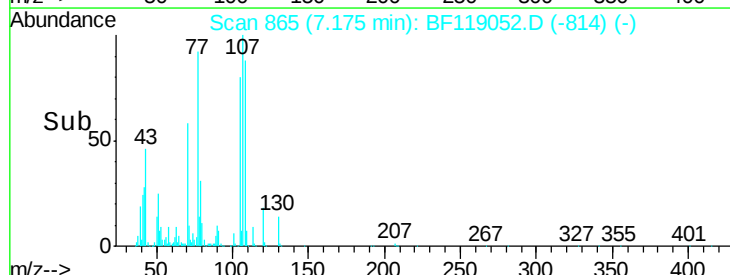
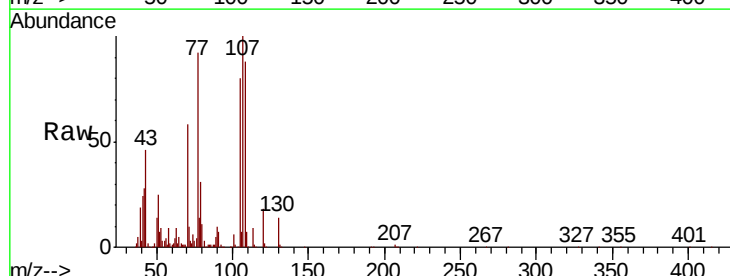
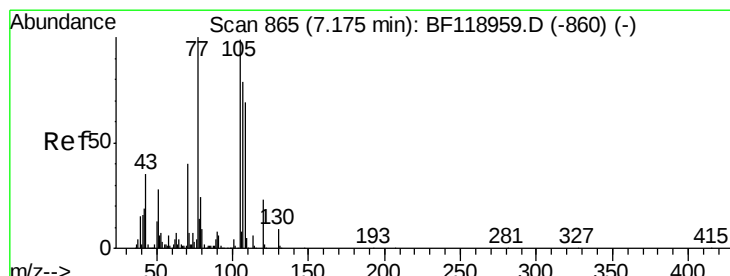
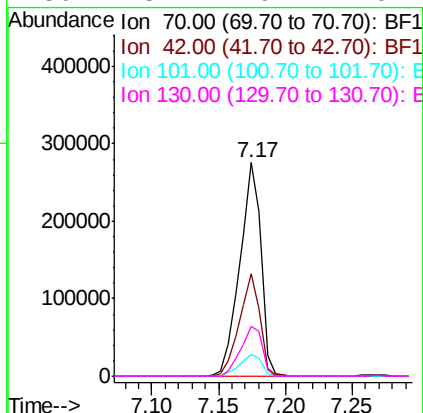




#19
n-Nitroso-di-n-propylamine
Concen: 39.098 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

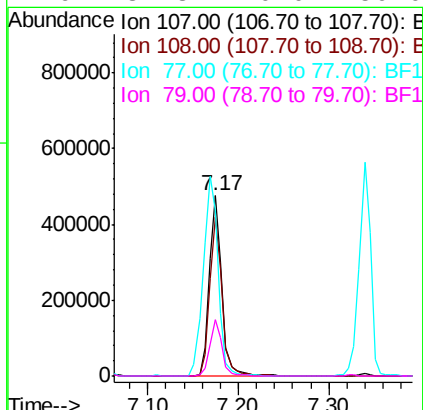
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

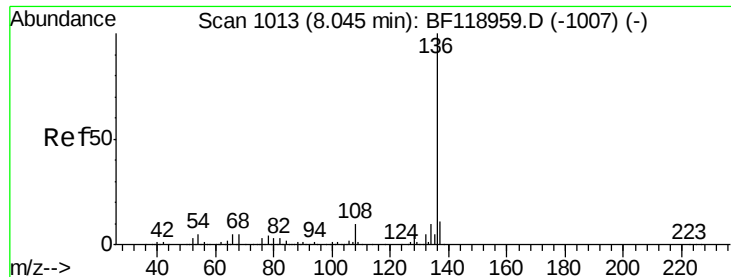
Tot Ion:	70	Resp:	304955
Ion	Ratio	Lower	Upper
70	100		
42	47.9	34.6	51.8
101	10.3	8.1	12.1
130	23.4	19.4	29.2



#20
3+4-Methylphenols
Concen: 39.369 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:	107	Resp:	464482
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.0	107.0
77	91.8	106.2	146.2#
79	31.3	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 643060

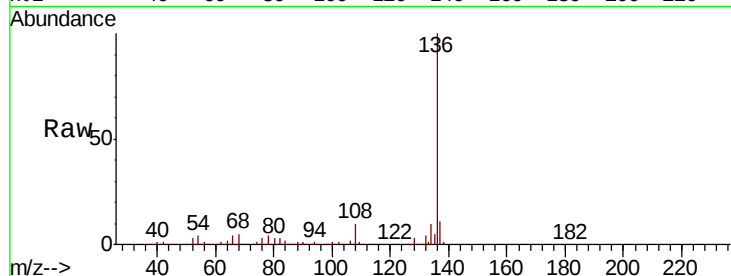
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 4.4 3.8 5.6

68 4.7 4.2 6.2

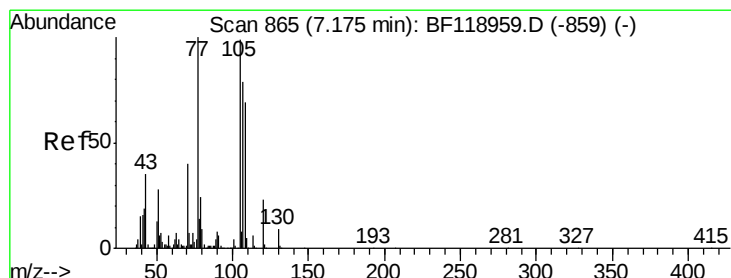
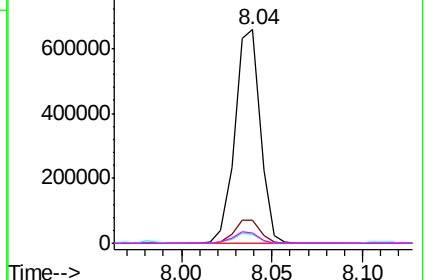
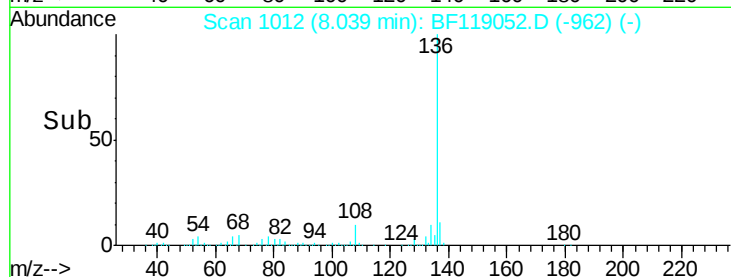


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.872 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Tgt Ion:105 Resp: 608120

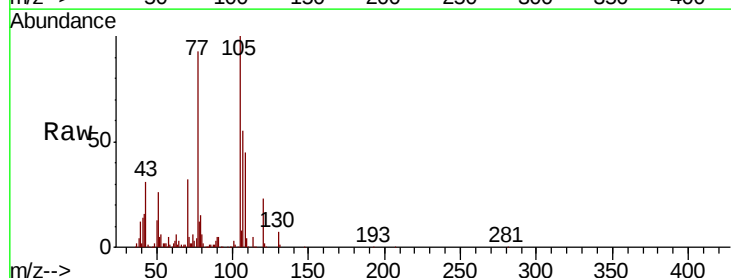
Ion Ratio Lower Upper

105 100

71 5.4 5.4 8.0

51 26.3 22.5 33.7

120 22.6 18.4 27.6

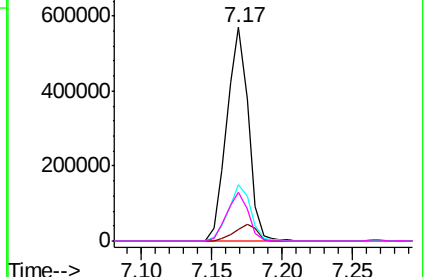
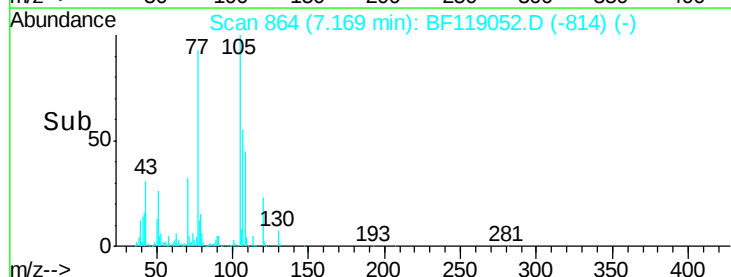


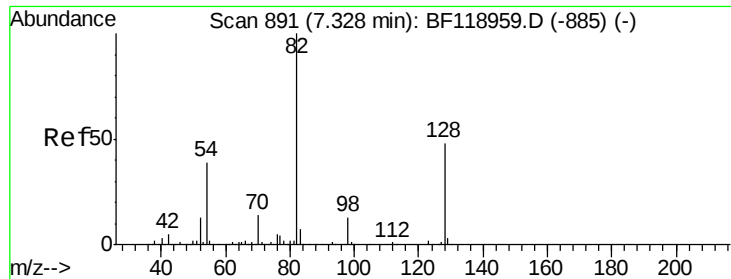
Abundance Ion 105.00 (104.70 to 105.70): E

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

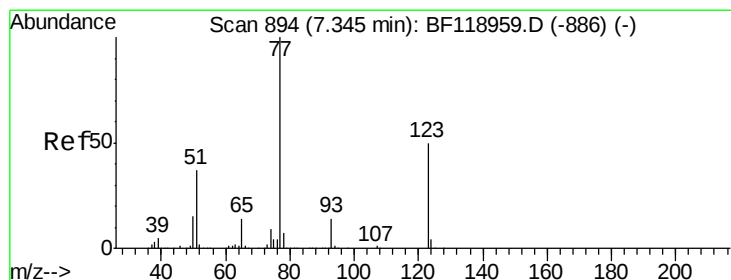
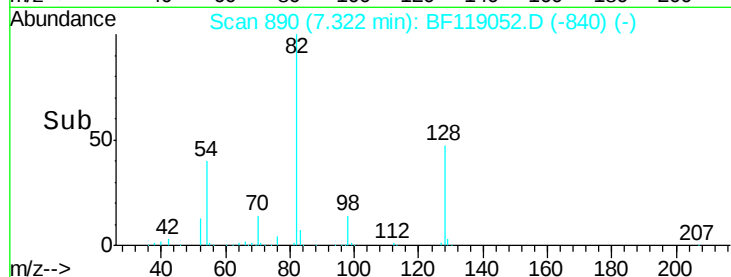
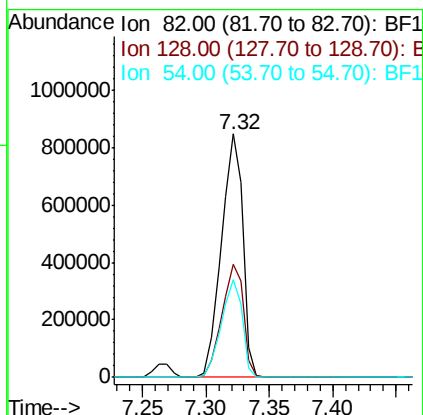
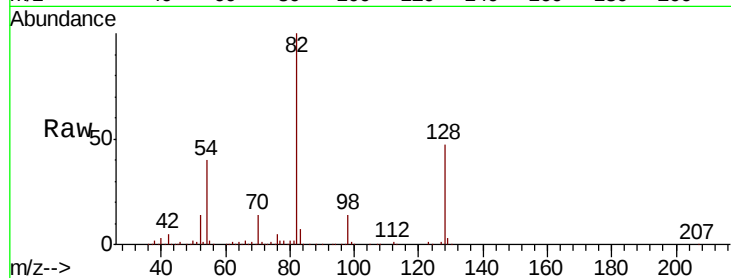




#23
Nitrobenzene-d5
Concen: 81.916 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

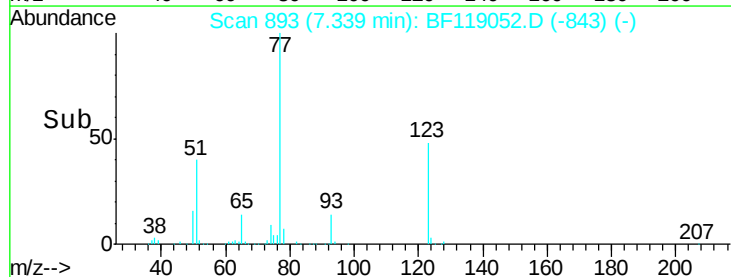
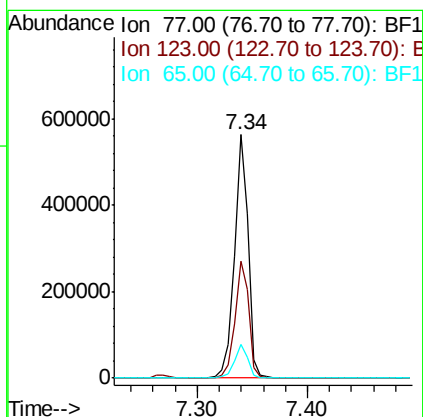
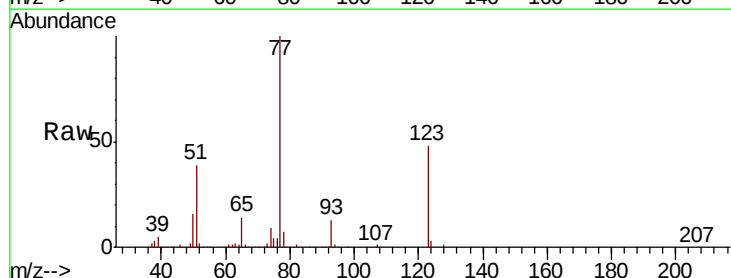
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

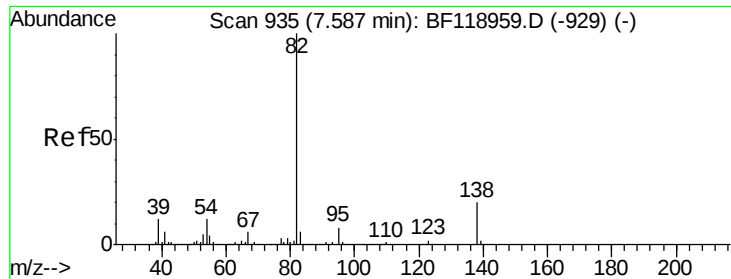
Tot Ion	82	Resp	997669
Ion Ratio	Lower	Upper	
82	100		
128	46.6	38.2	57.2
54	40.3	31.3	46.9



#24
Nitrobenzene
Concen: 40.568 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	77	Resp	488594
Ion Ratio	Lower	Upper	
77	100		
123	48.3	40.1	60.1
65	13.6	10.9	16.3

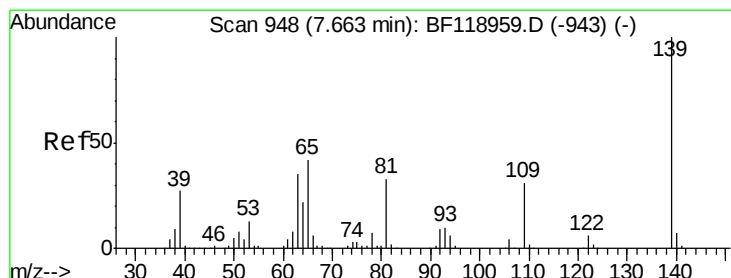
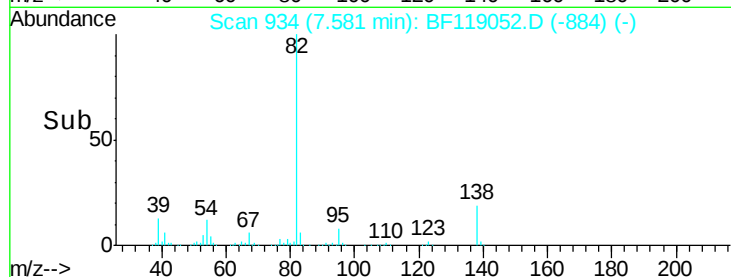
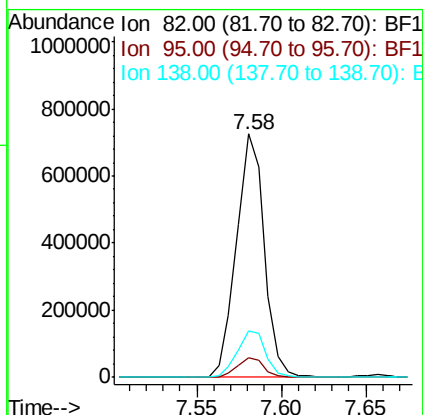
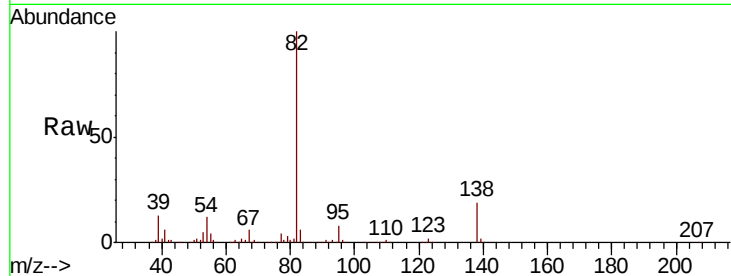




#25
Isophorone
Concen: 39.469 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

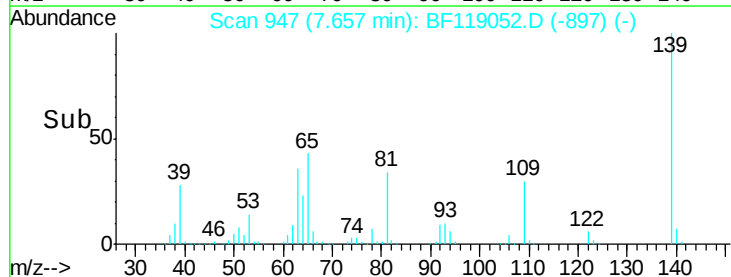
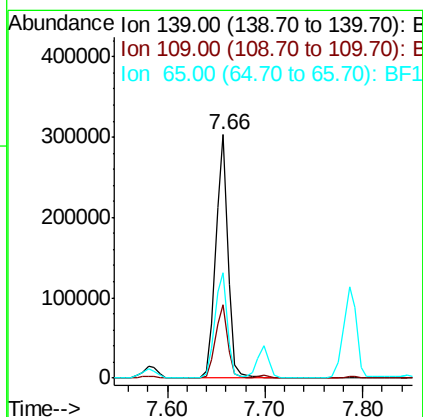
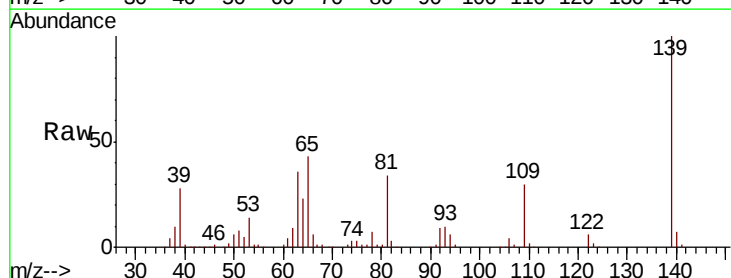
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

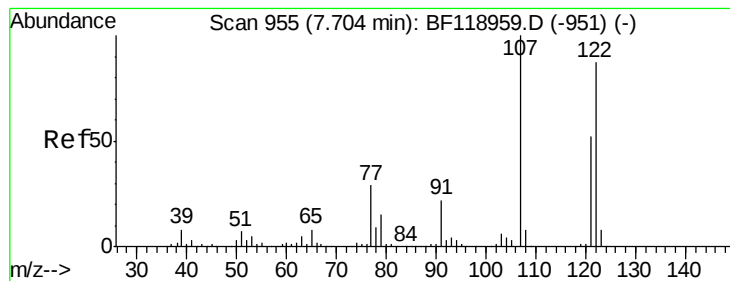
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.1	9.1
138	19.3	15.8	23.6



#26
2-Nitrophenol
Concen: 41.159 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.3	24.6	36.8
65	43.4	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 40.249 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

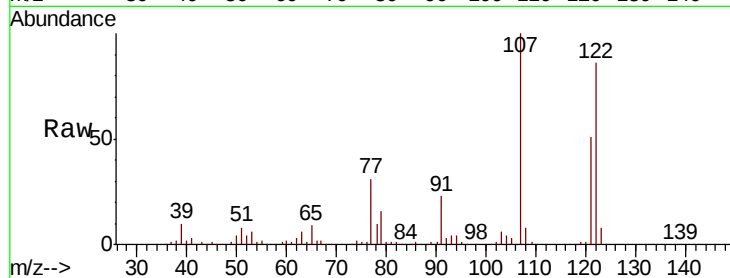
Tot Ion:122 Resp: 348589

Ion Ratio Lower Upper

122 100

107 116.4 91.8 137.8

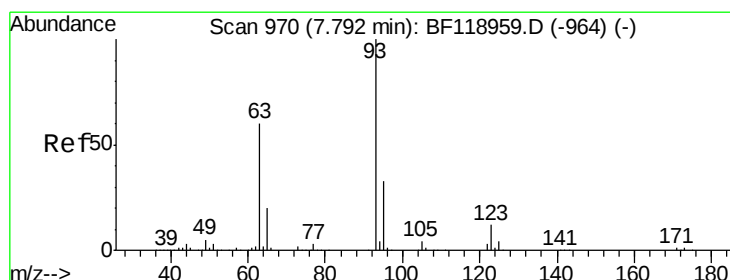
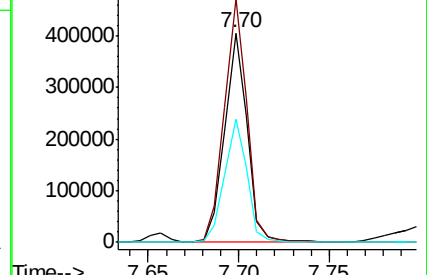
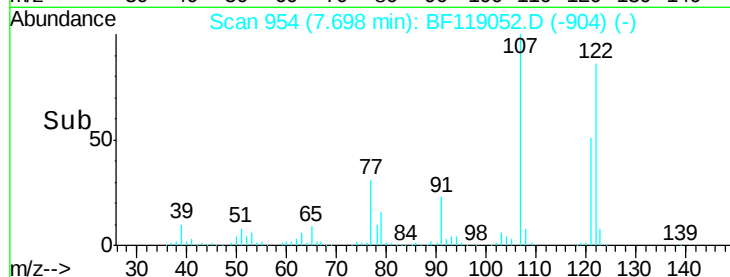
121 59.0 47.4 71.0



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: 40.334 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

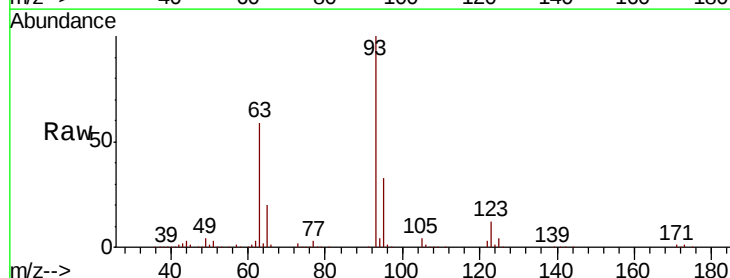
Tgt Ion: 93 Resp: 555300

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

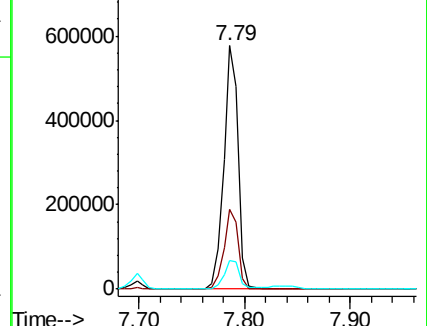
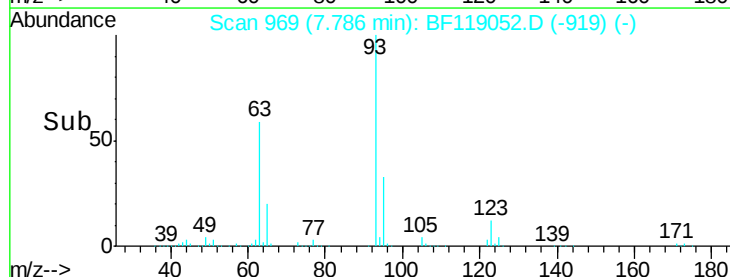
123 11.9 9.8 14.8

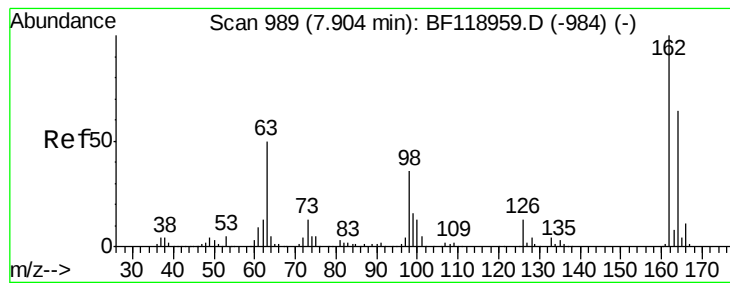


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

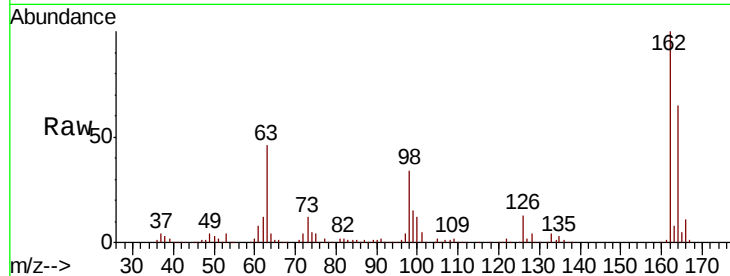




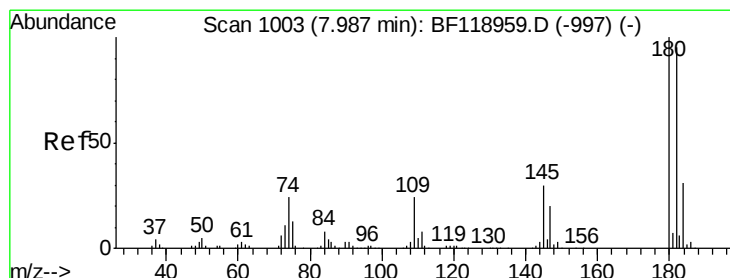
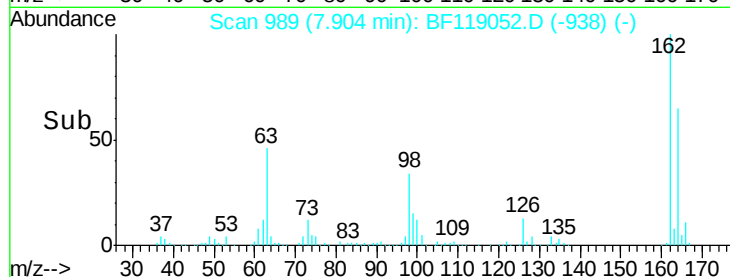
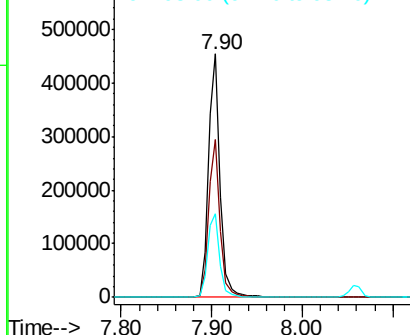
#29
2,4-Dichlorophenol
Concen: 40.285 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.1	84.1
98	34.4	16.4	56.4

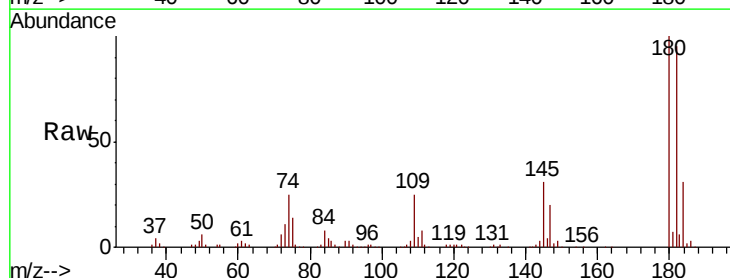


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

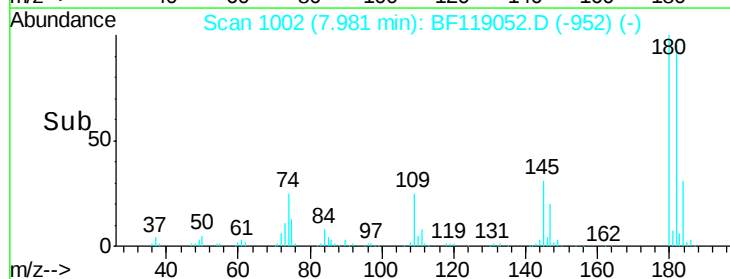
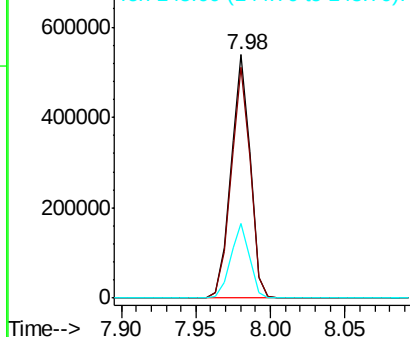


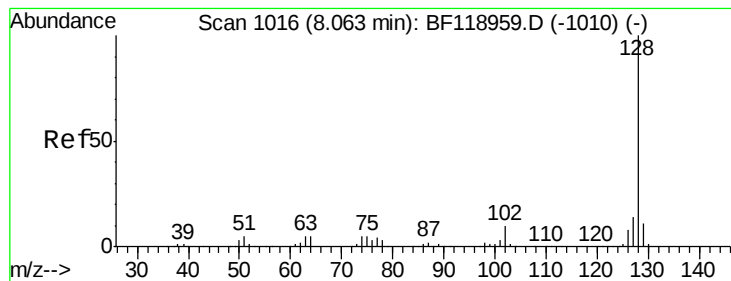
#30
1,2,4-Trichlorobenzene
Concen: 40.681 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	30.9	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.414 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

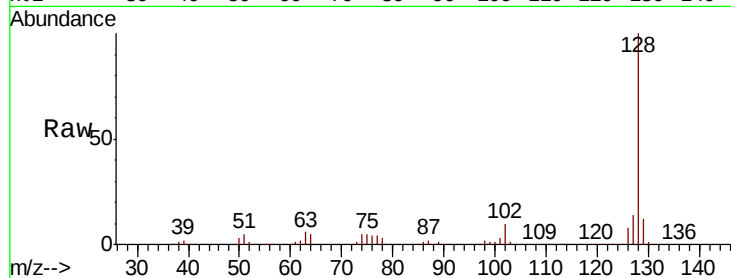
Tot Ion:128 Resp: 1347804

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

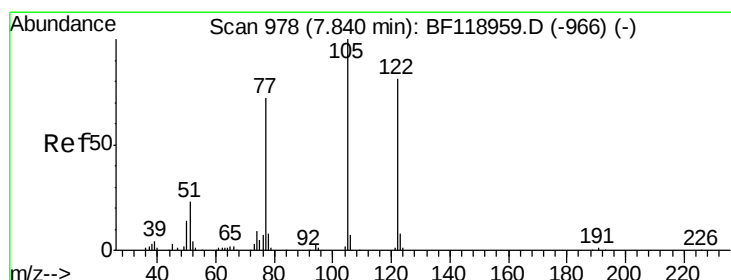
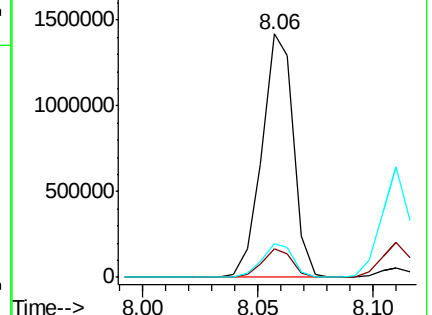
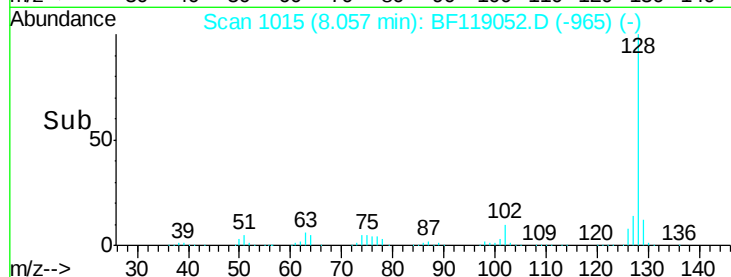
127 13.9 10.9 16.3



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: 38.273 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

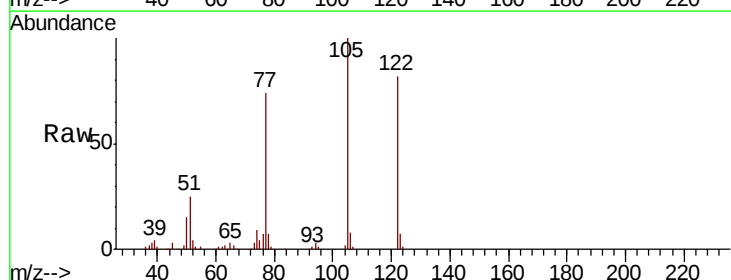
Tgt Ion:122 Resp: 231926

Ion Ratio Lower Upper

122 100

105 122.6 102.2 142.2

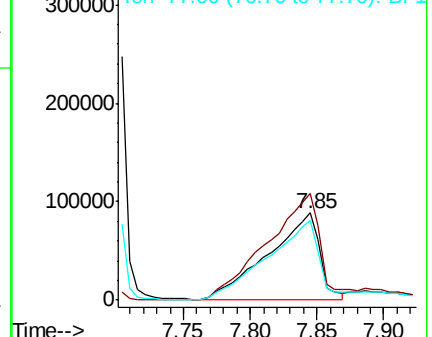
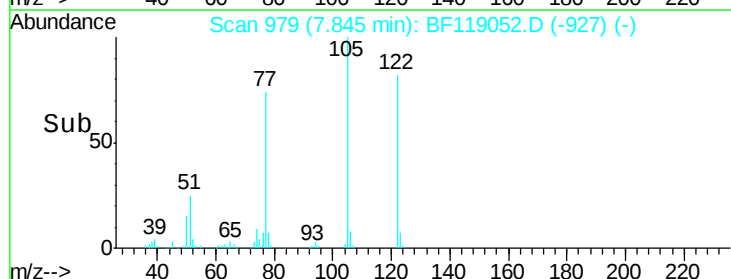
77 91.3 68.6 108.6

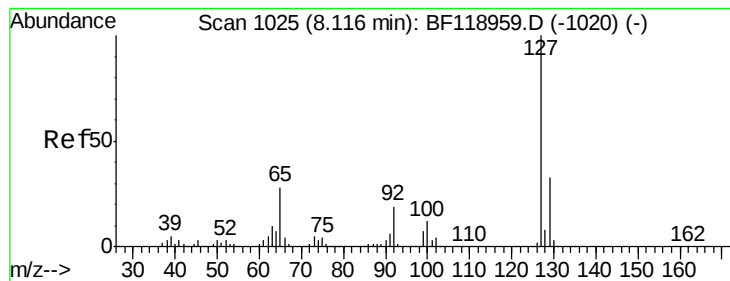


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.282 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 563473

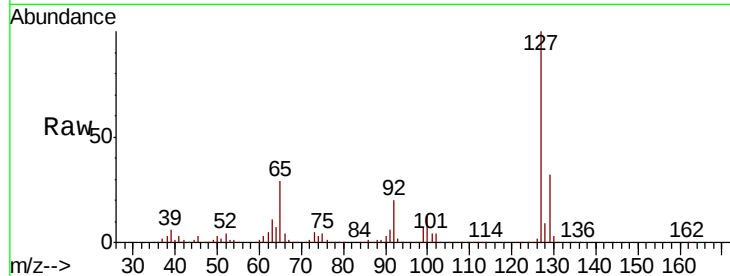
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 28.8 22.0 33.0

92 19.7 15.5 23.3

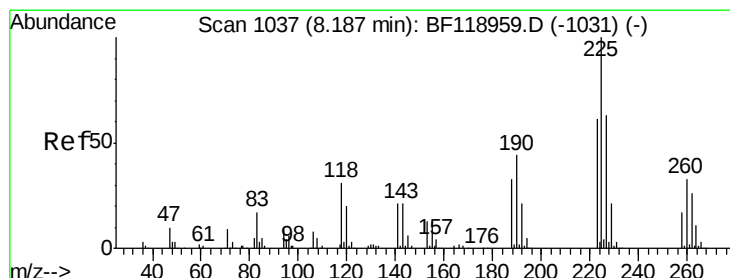
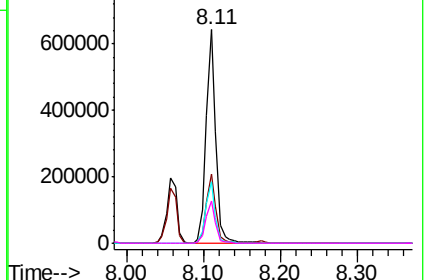
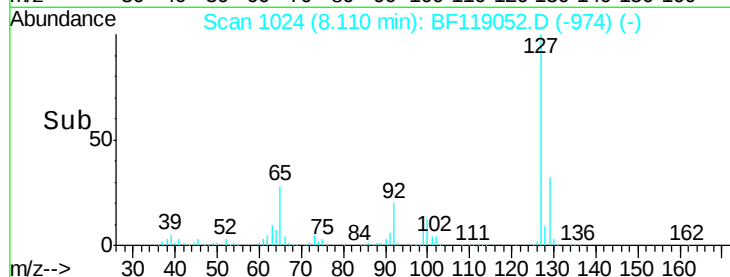


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.495 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

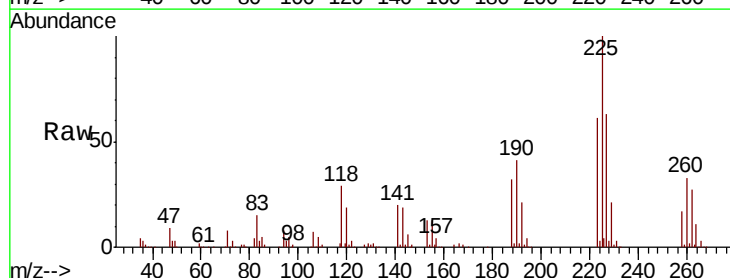
Tgt Ion:225 Resp: 312458

Ion Ratio Lower Upper

225 100

223 60.9 48.9 73.3

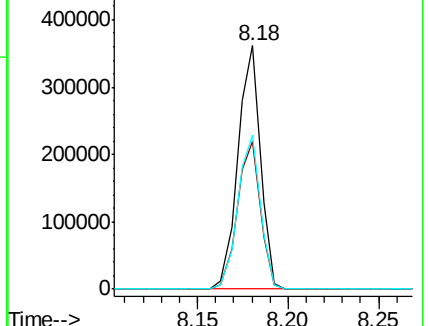
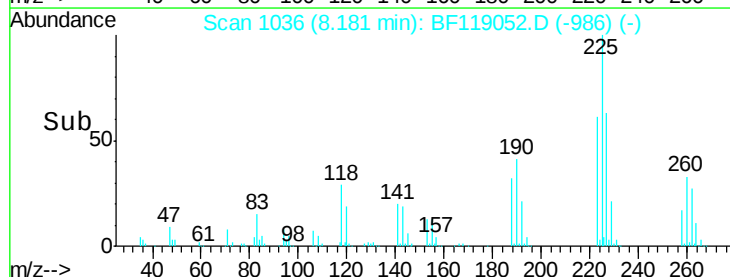
227 63.3 50.4 75.6

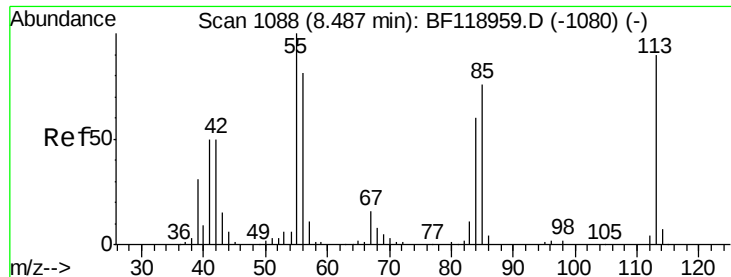


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.948 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

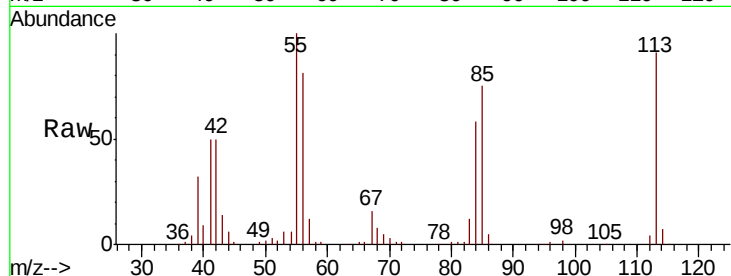
Tot Ion:113 Resp: 119135

Ion Ratio Lower Upper

113 100

55 110.3 90.8 130.8

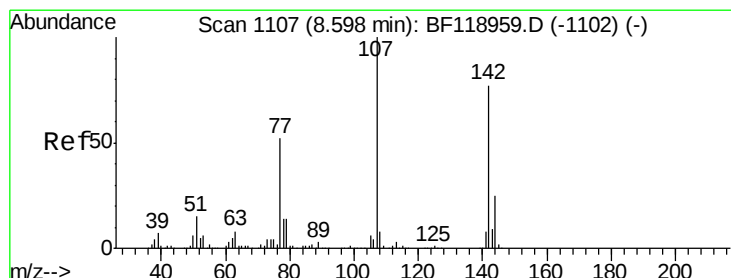
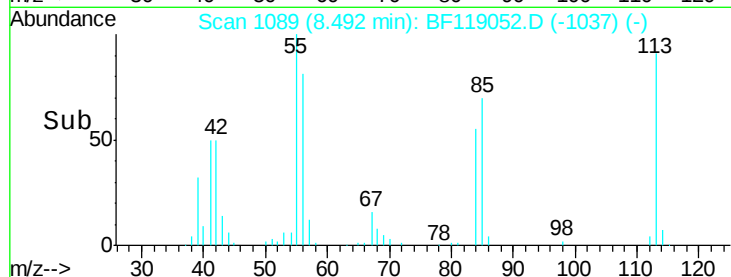
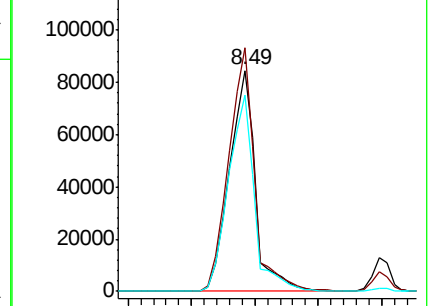
56 88.9 70.0 110.0



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: 38.828 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

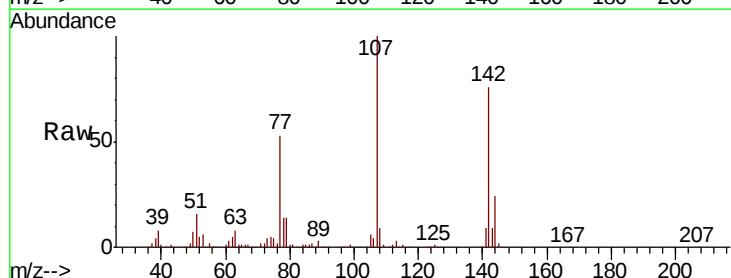
Tgt Ion:107 Resp: 400657

Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.8

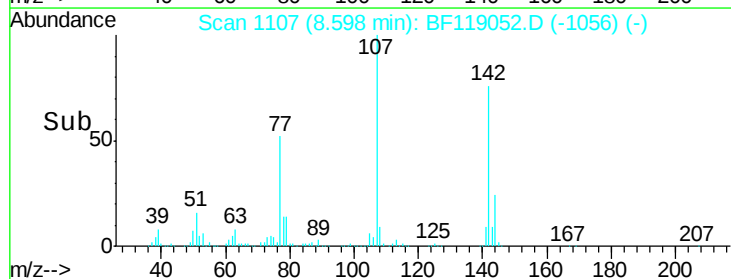
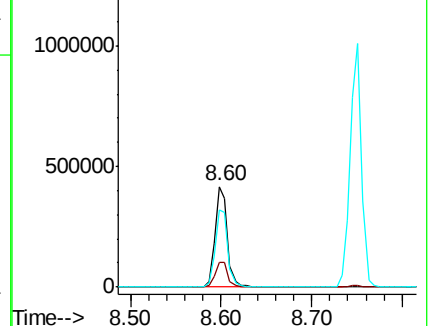
142 76.4 61.3 91.9

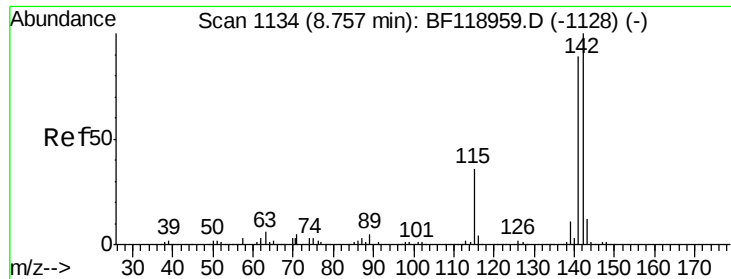


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

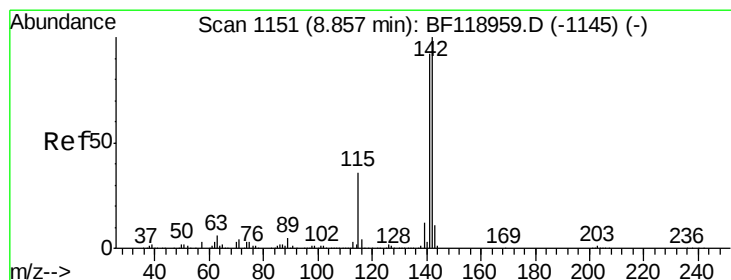
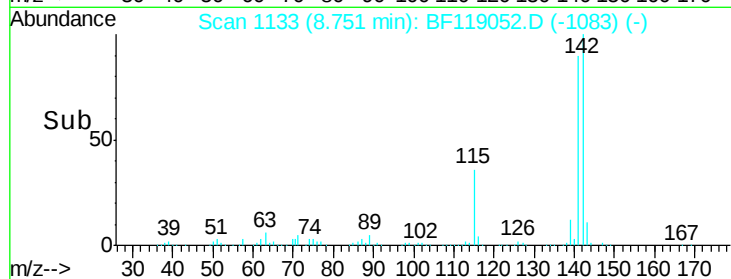
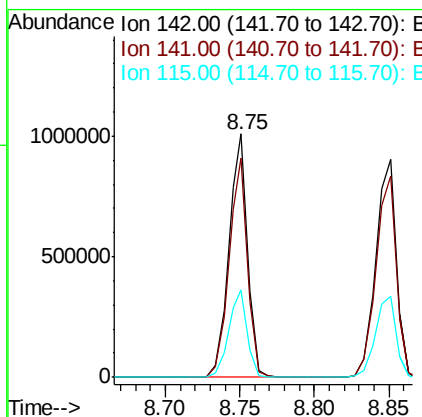
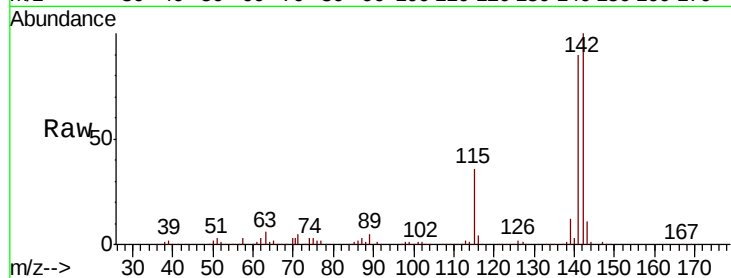




#37
 2-Methylnaphthalene
 Concen: 39.879 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

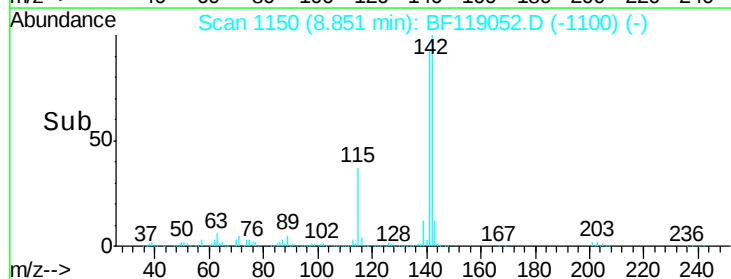
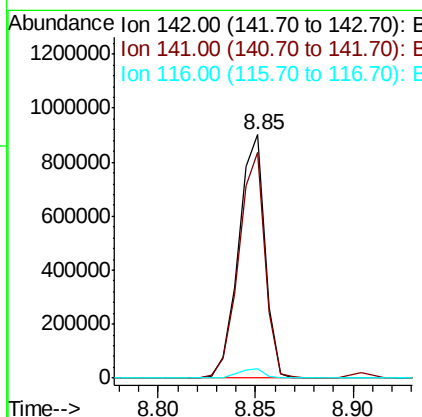
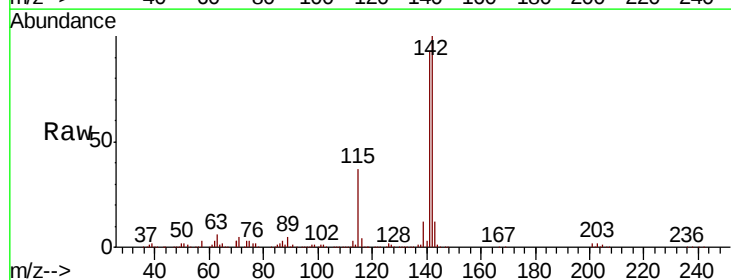
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

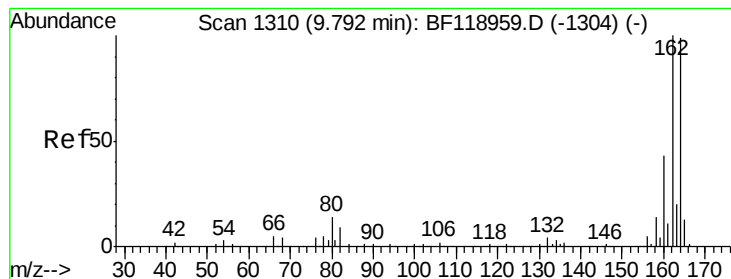
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.4
115	36.1	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 39.898 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.7	110.5
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

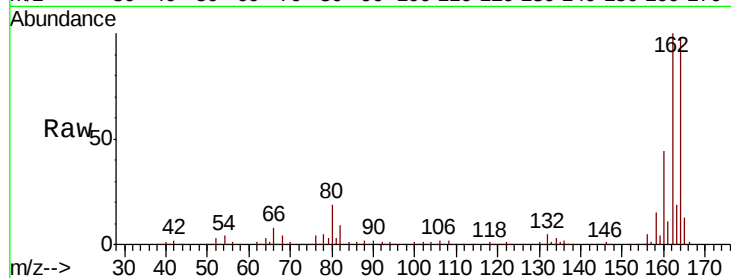
Tot Ion:164 Resp: 339362

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

160 45.3 35.2 52.8

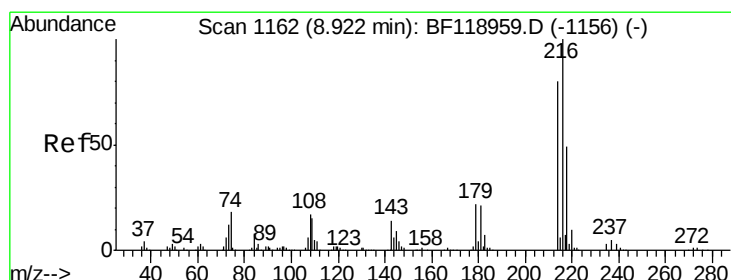
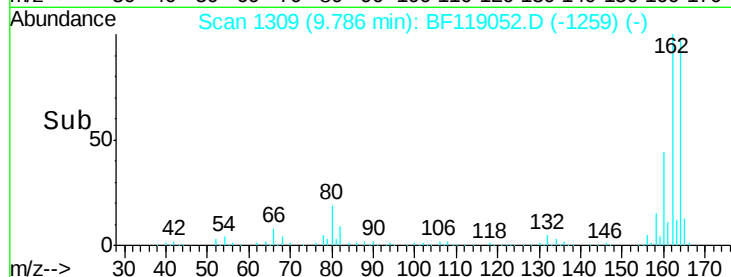
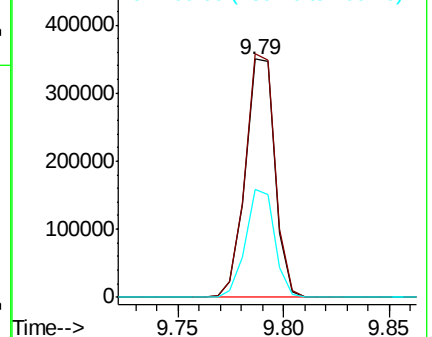


Abundance

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: 41.183 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Tgt Ion:216 Resp: 471212

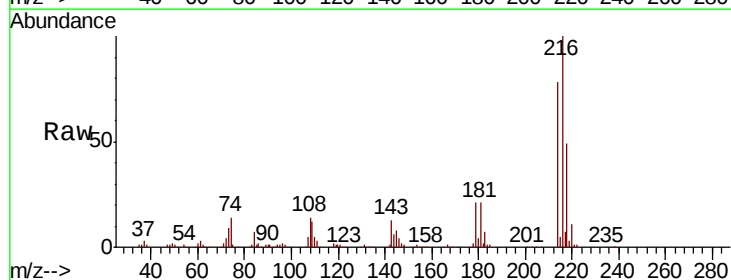
Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

179 22.0 17.2 25.8

108 17.0 13.4 20.0



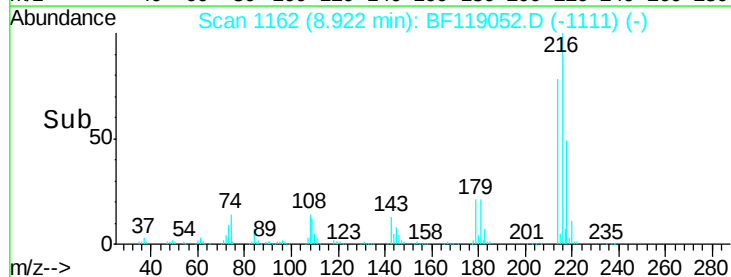
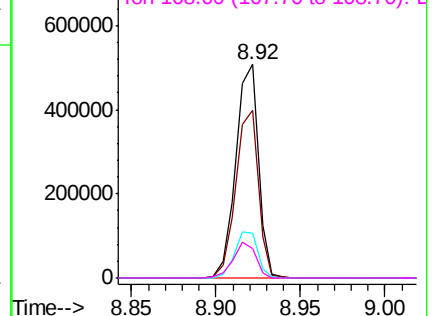
Abundance

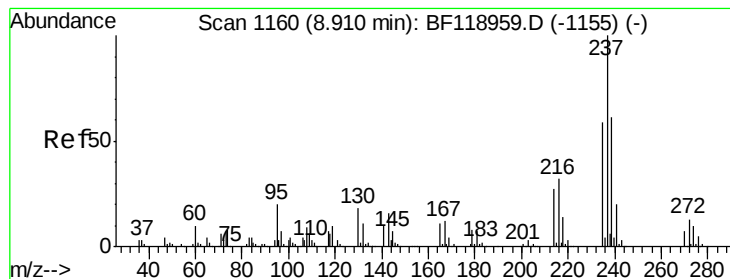
Ion 216.00 (215.70 to 216.70): E

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: 36.762 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

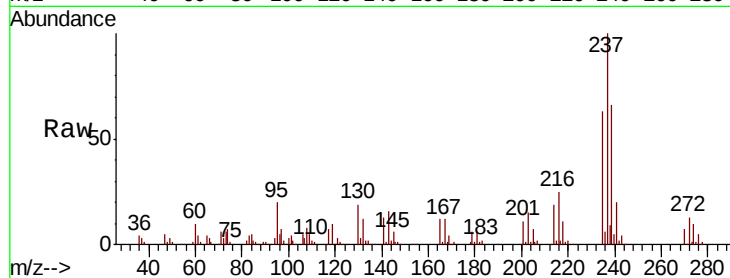
Tot Ion:237 Resp: 129146

Ion Ratio Lower Upper

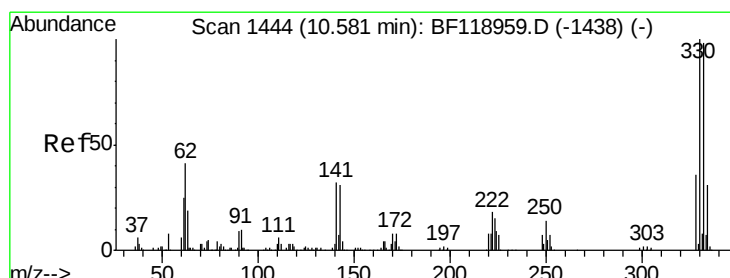
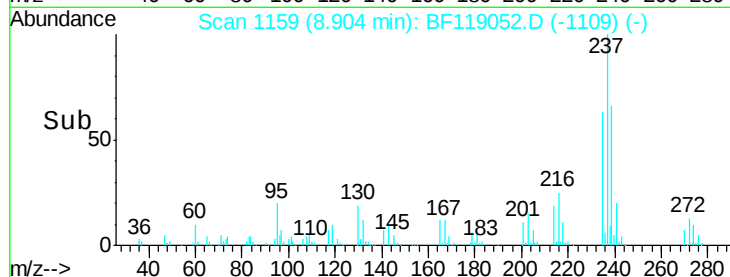
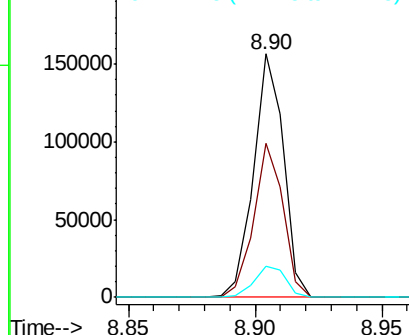
237 100

235 63.2 39.4 79.4

272 13.0 0.0 32.6



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: 77.613 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

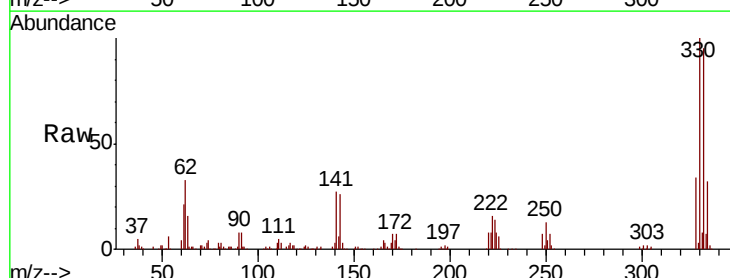
Tgt Ion:330 Resp: 344558

Ion Ratio Lower Upper

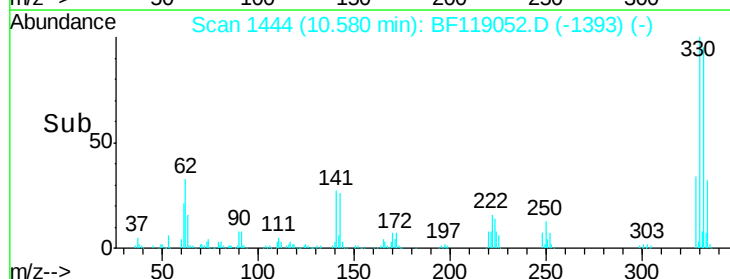
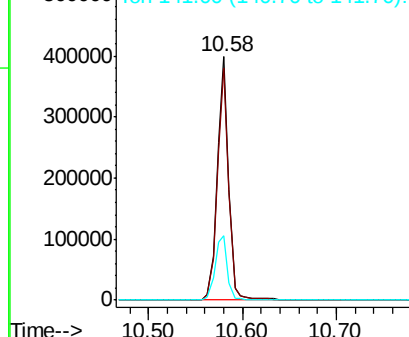
330 100

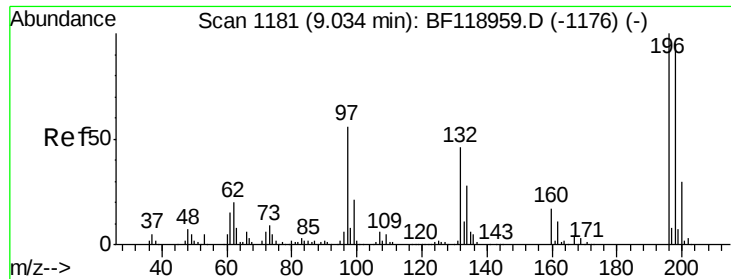
332 96.0 77.1 115.7

141 29.1 23.0 34.6



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

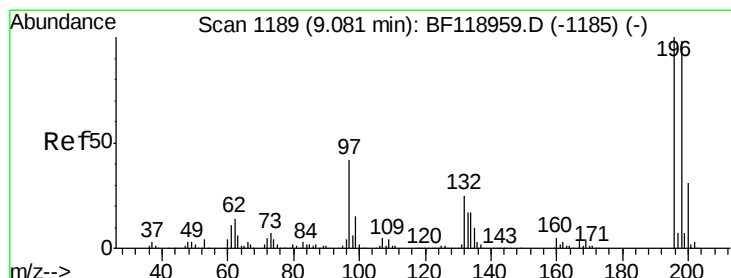
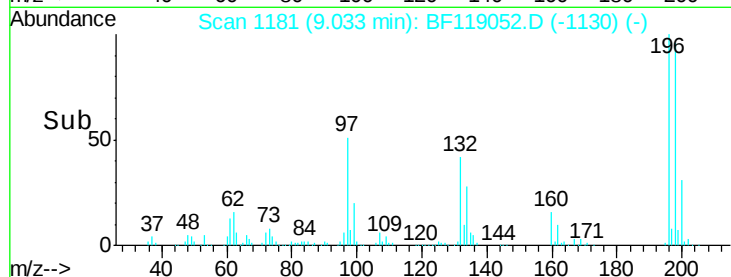
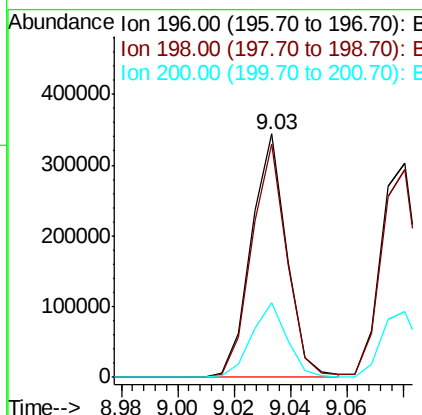
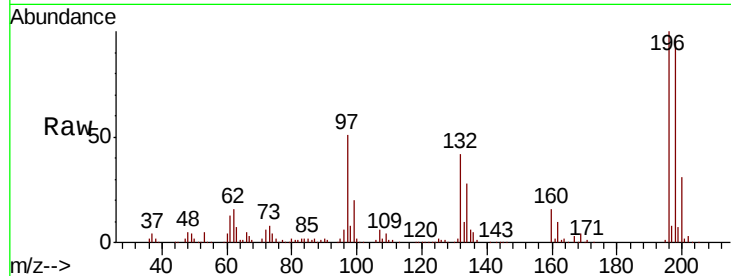




#43
 2,4,6-Trichlorophenol
 Concen: 41.495 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

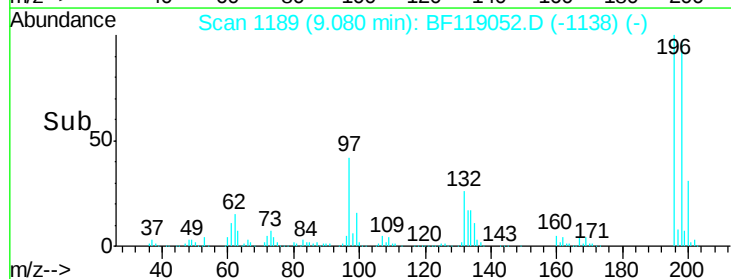
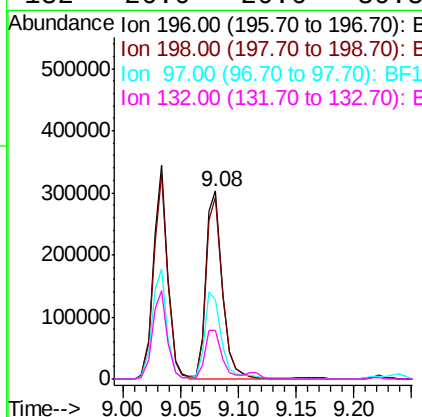
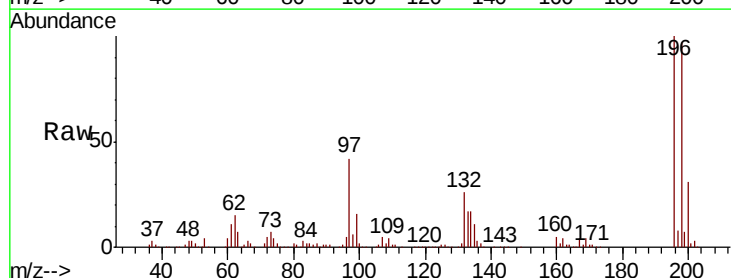
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

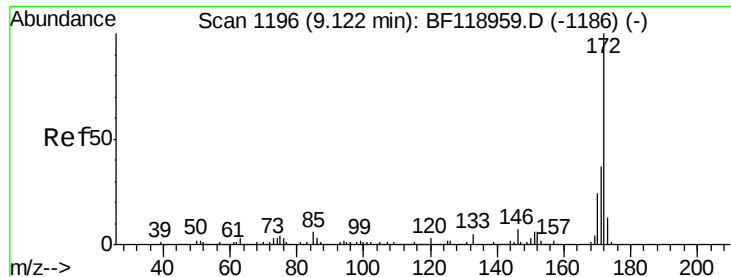
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.6
200	30.8	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.098 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.4	117.6
97	42.5	33.4	50.0
132	26.0	20.6	30.8

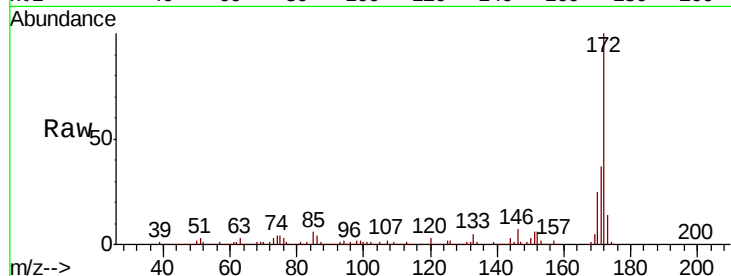




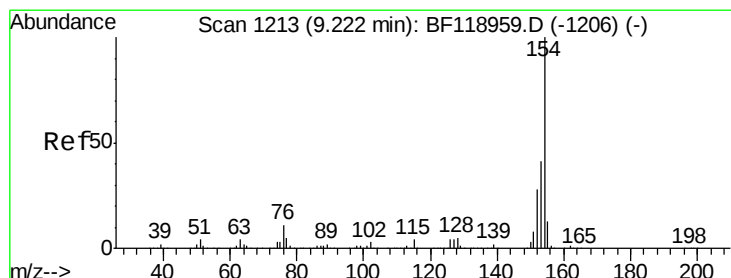
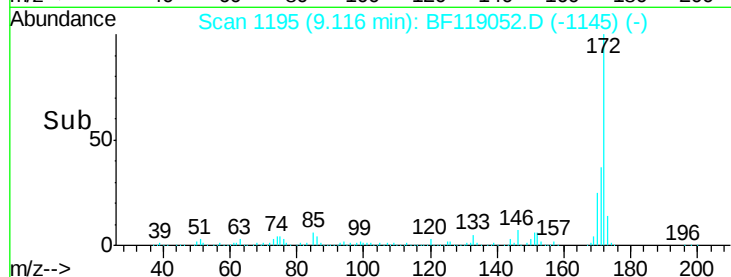
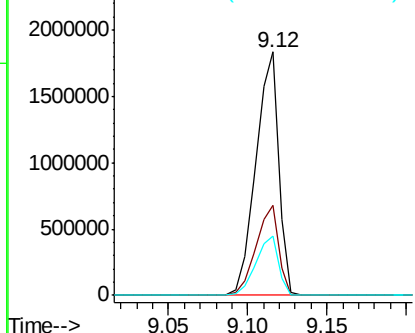
#45
2-Fluorobiphenyl
Concen: 79.984 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1842527
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.2
170 24.6 19.6 29.4

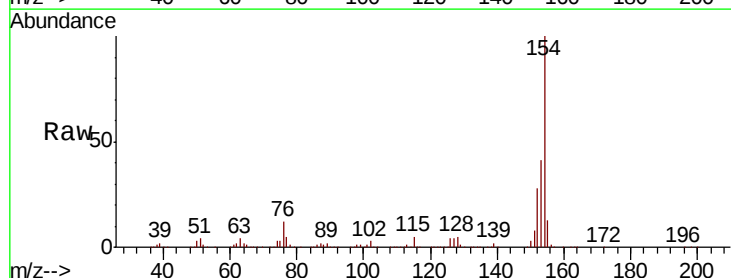


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

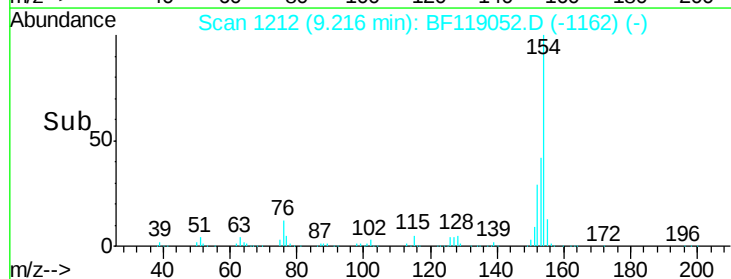
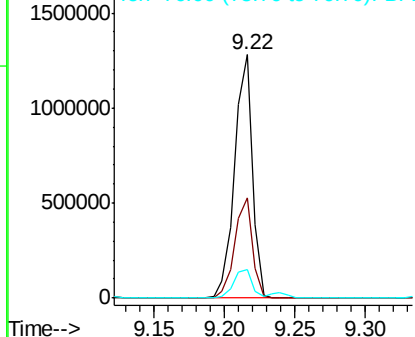


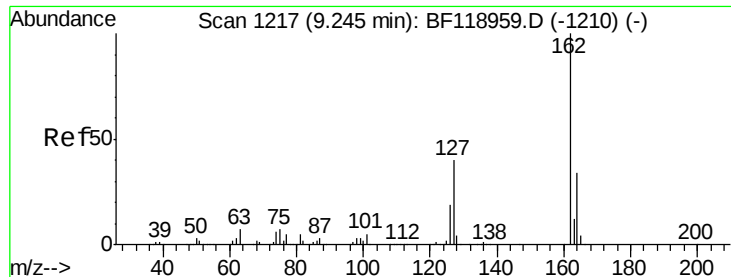
#46
1,1'-Biphenyl
Concen: 41.054 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:154 Resp: 1126017
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 11.5 0.0 31.1



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

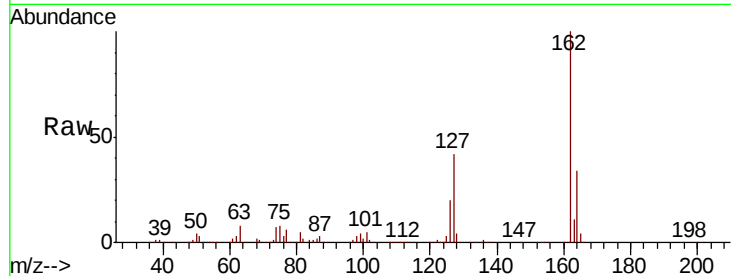




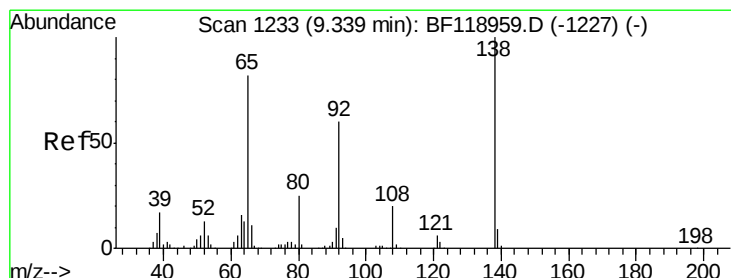
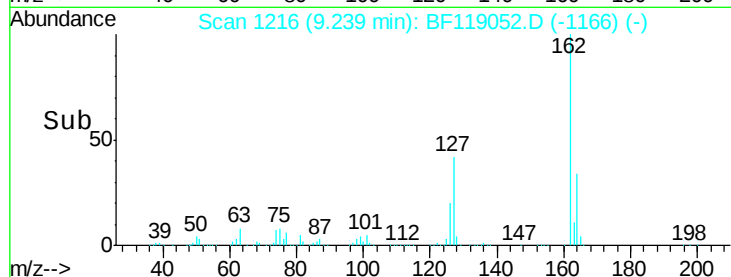
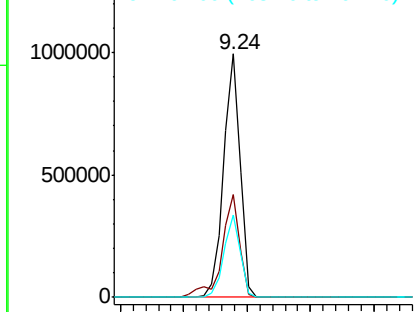
#47
2-Chloronaphthalene
Concen: 40.819 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	31.9	47.9
164	33.7	26.8	40.2

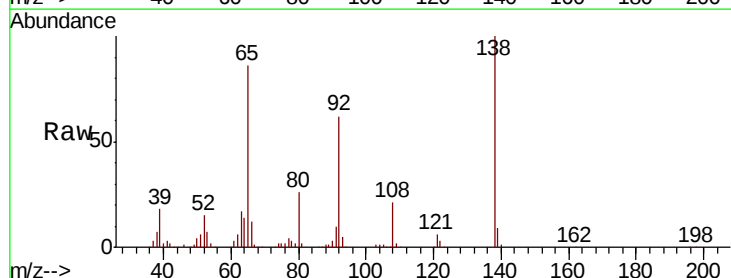


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

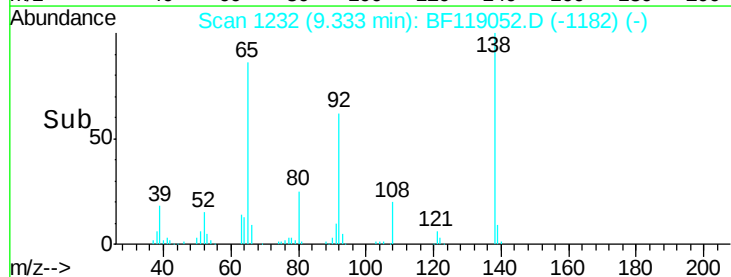
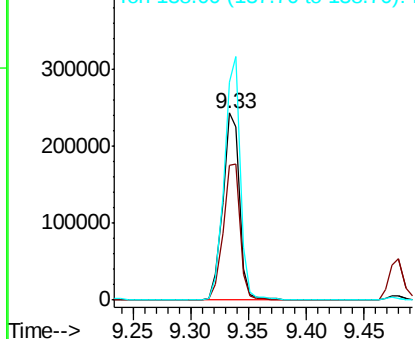


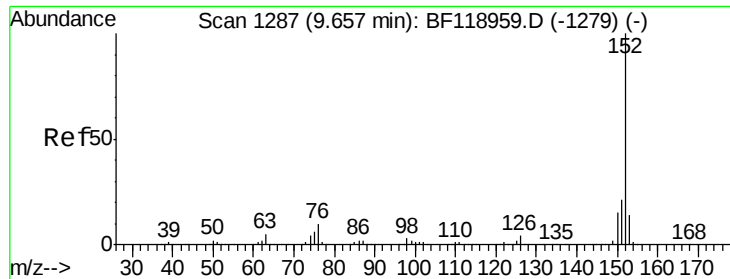
#48
2-Nitroaniline
Concen: 39.736 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.6	87.8
138	116.3	97.5	146.3



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: 40.424 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

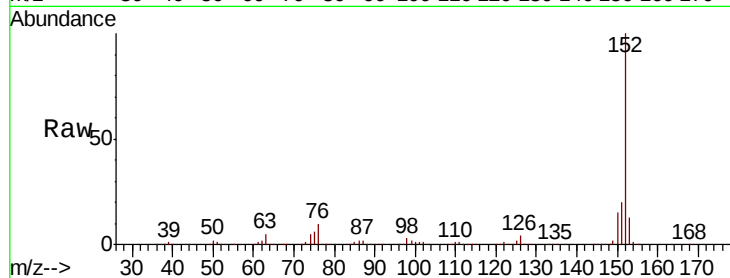
Tot Ion:152 Resp: 1290438

Ion Ratio Lower Upper

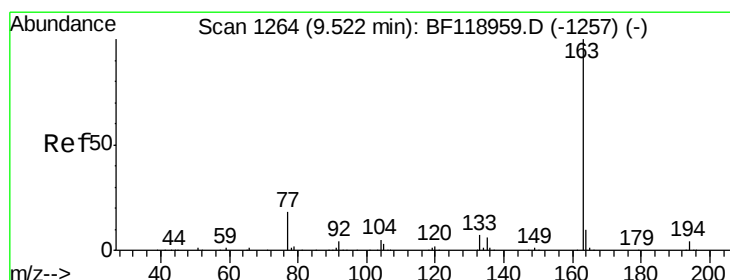
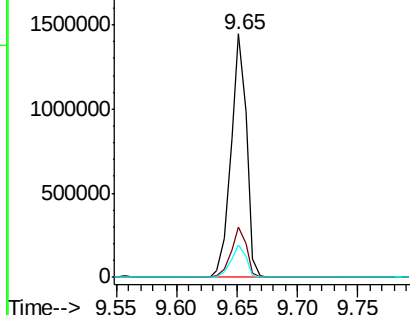
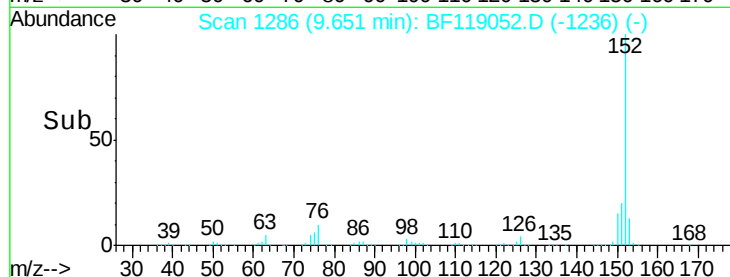
152 100

151 20.4 16.7 25.1

153 13.4 10.9 16.3



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: 39.919 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

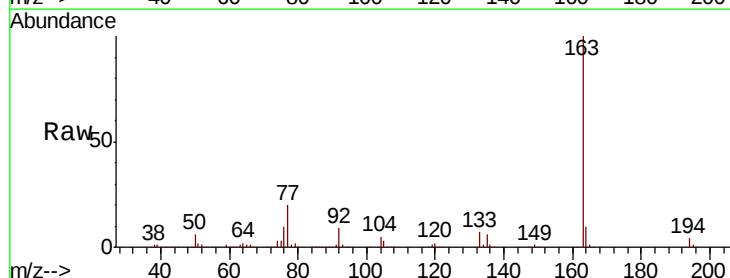
Tgt Ion:163 Resp: 1035914

Ion Ratio Lower Upper

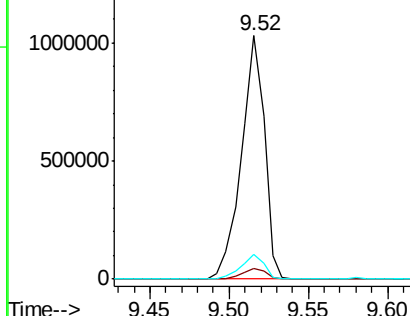
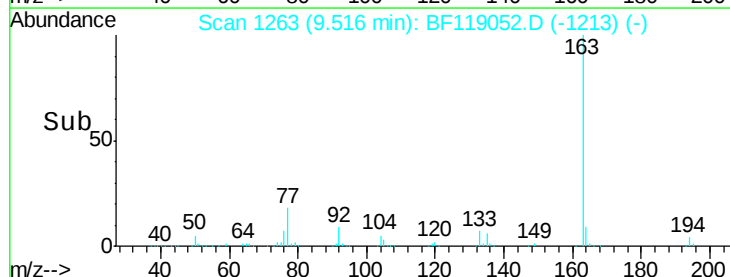
163 100

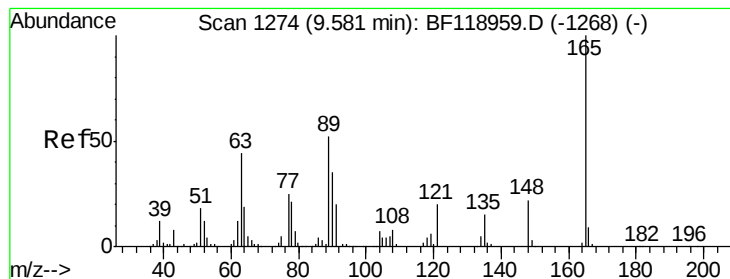
194 4.4 3.4 5.2

164 10.4 8.2 12.2



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: 39.076 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

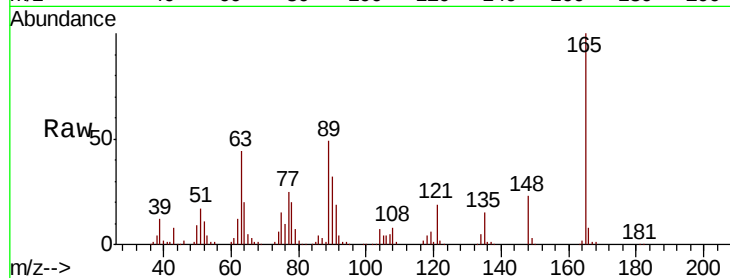
Tot Ion:165 Resp: 225288

Ion Ratio Lower Upper

165 100

63 44.2 37.9 56.9

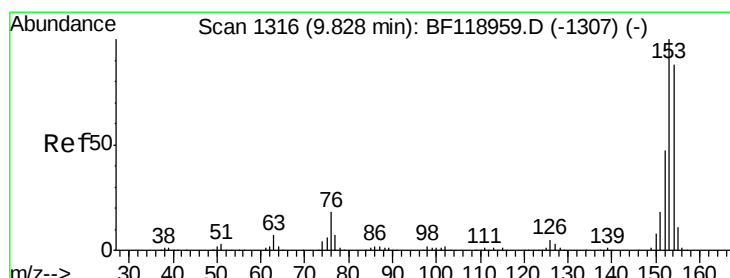
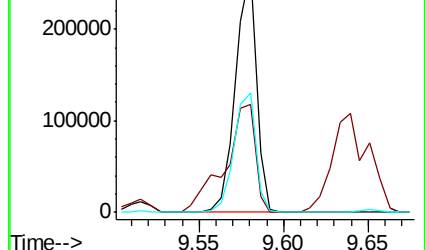
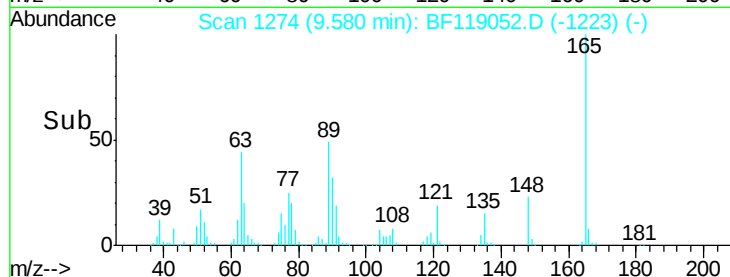
89 49.1 41.4 62.0



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



#52

Acenaphthene

Concen: 40.407 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

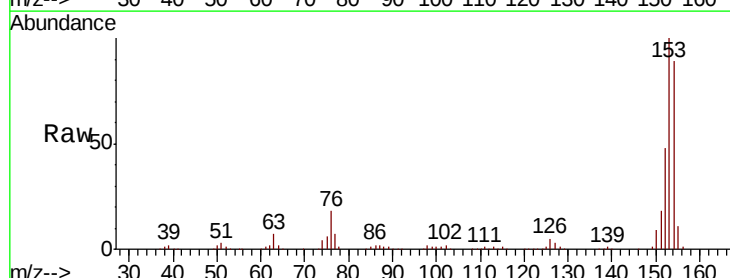
Tgt Ion:154 Resp: 777784

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

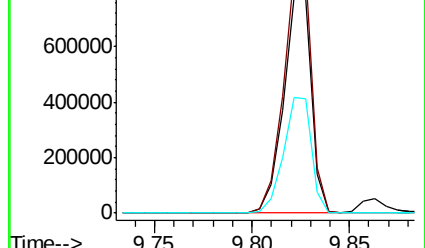
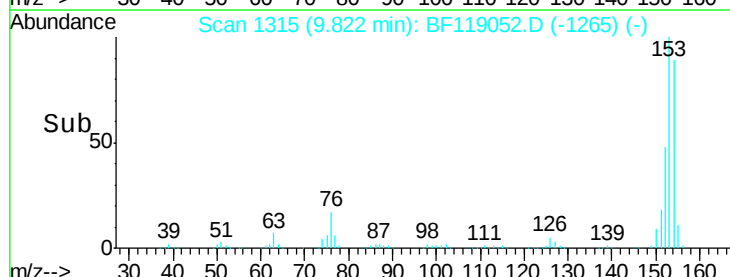
152 53.3 42.9 64.3

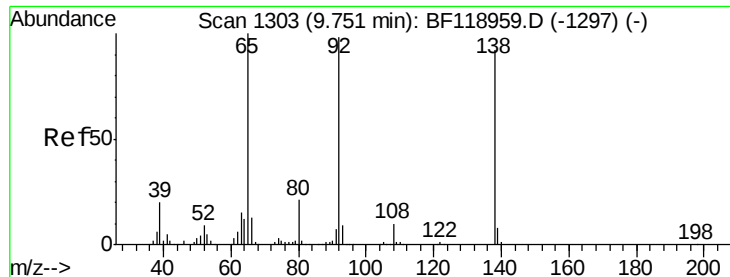


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

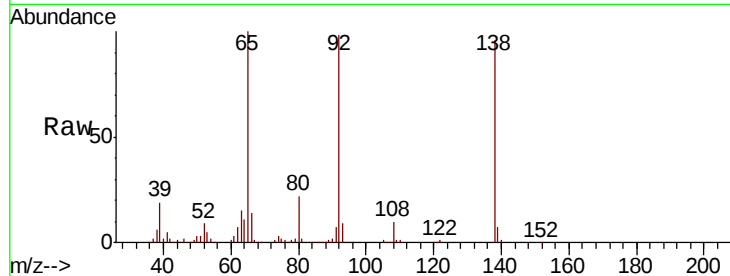




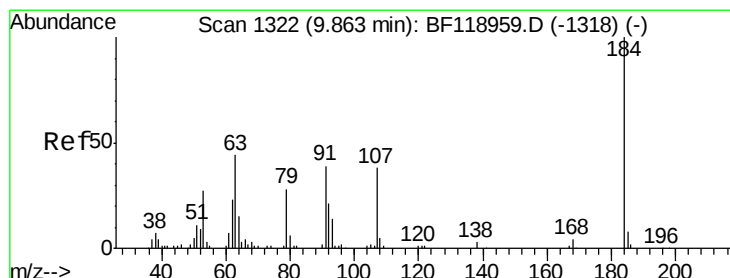
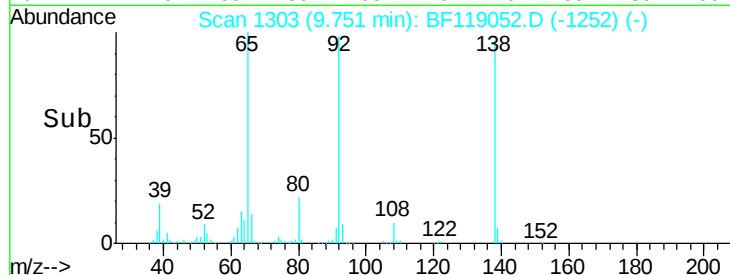
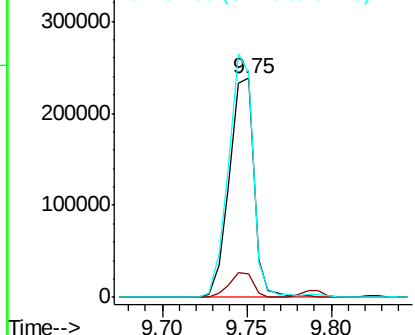
#53
3-Nitroaniline
Concen: 38.033 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 243092
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 102.5 84.6 127.0

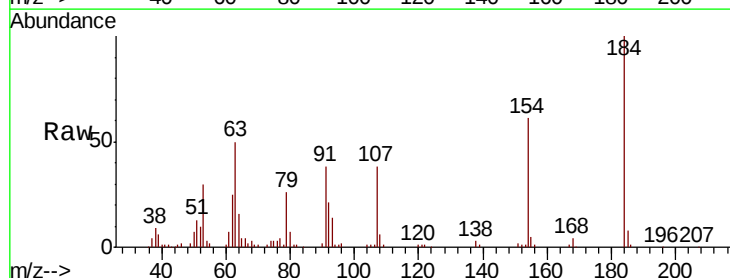


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

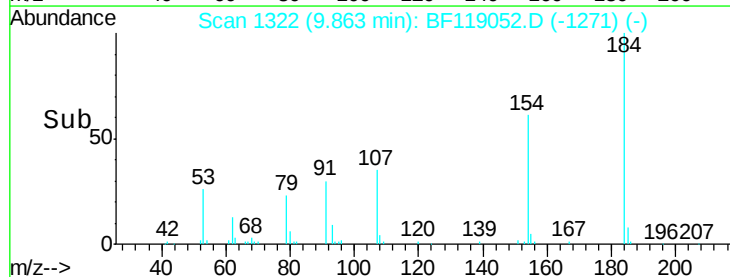
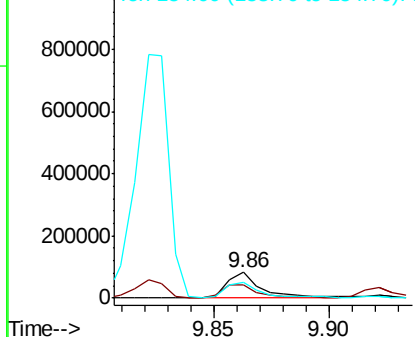


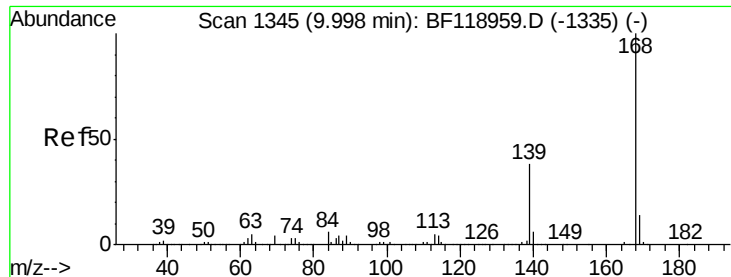
#54
2,4-Dinitrophenol
Concen: 35.281 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:184 Resp: 85945
Ion Ratio Lower Upper
184 100
63 49.7 37.8 56.6
154 61.4 47.6 71.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

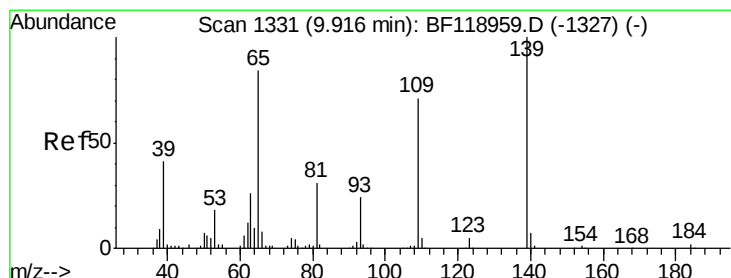
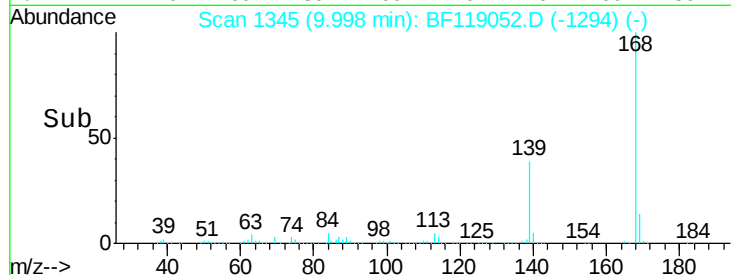
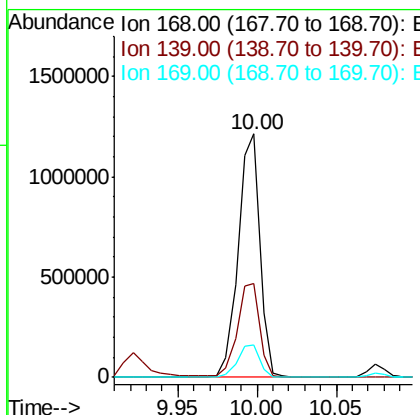
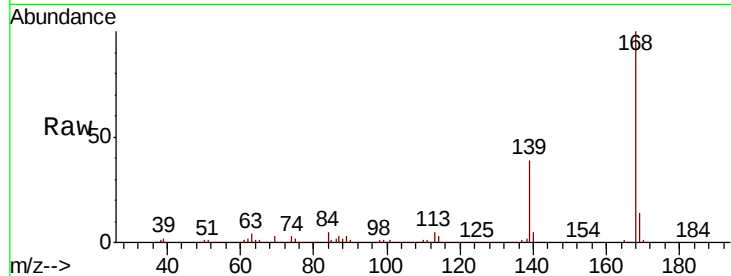




#55
Dibenzenofuran
Concen: 40.033 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

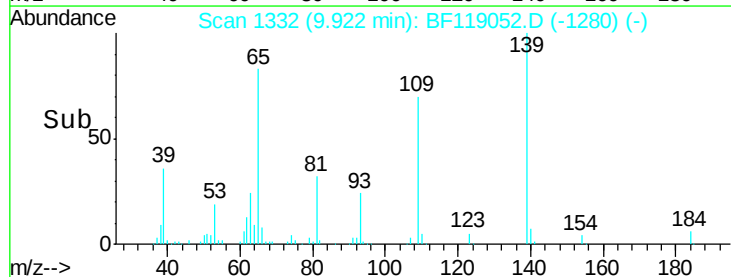
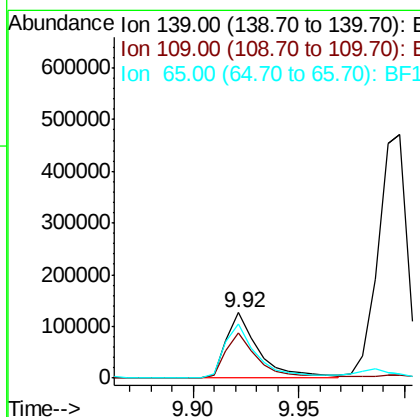
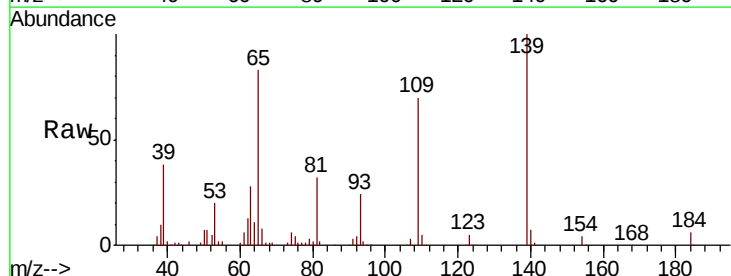
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

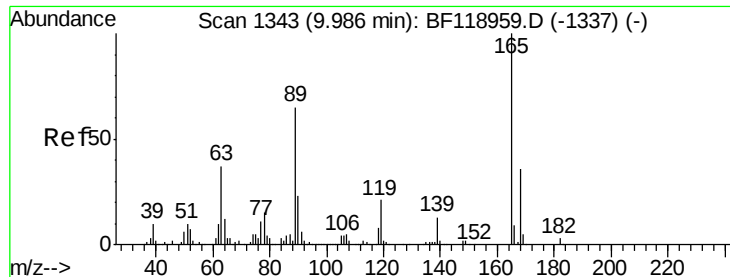
Tot Ion:168 Resp: 1150154
Ion Ratio Lower Upper
168 100
139 38.8 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 34.919 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:139 Resp: 134096
Ion Ratio Lower Upper
139 100
109 69.7 51.1 91.1
65 83.3 64.7 104.7

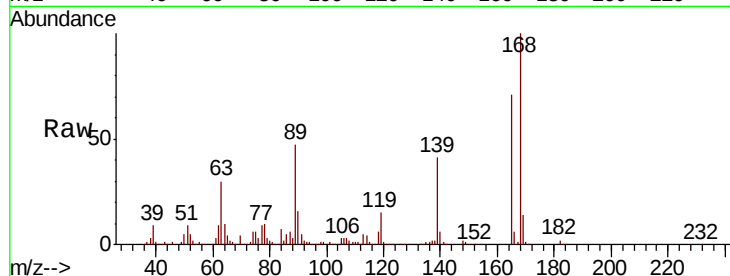




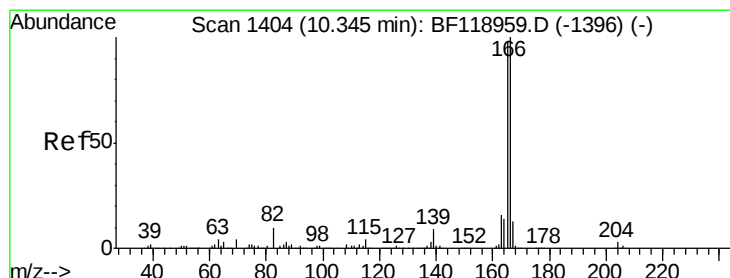
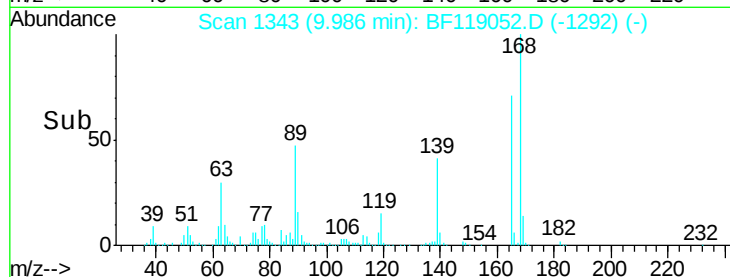
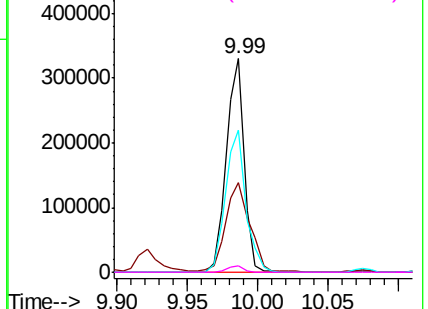
#57
 2,4-Dinitrotoluene
 Concen: 38.763 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	165	Resp:	289680
Ion	Ratio	Lower	Upper
165	100		
63	42.2	29.8	44.8
89	66.3	51.9	77.9
182	3.1	2.3	3.5

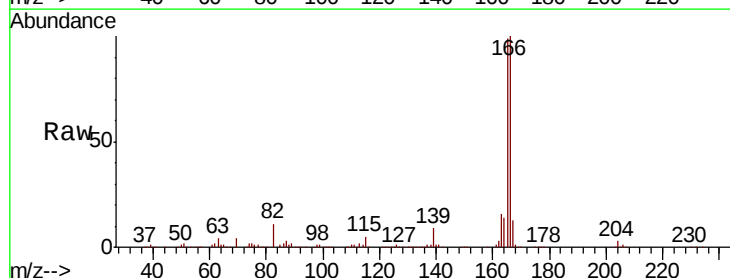


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

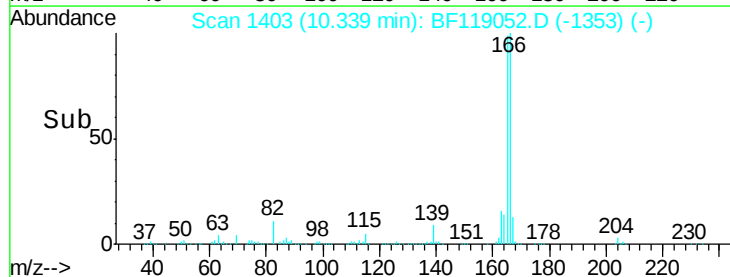
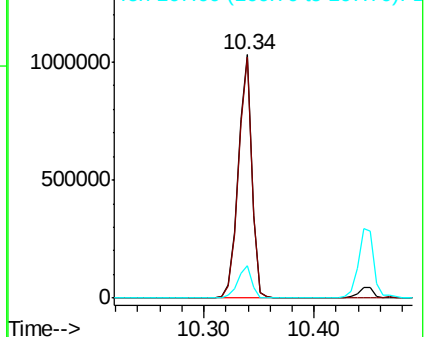


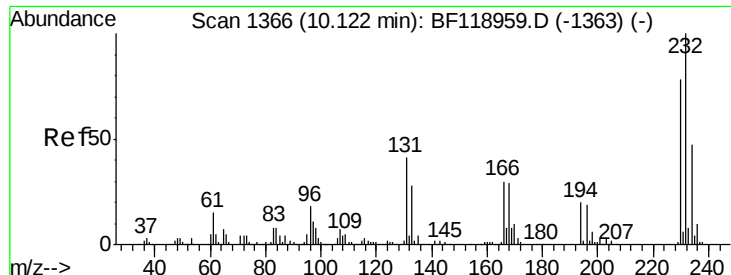
#58
 Fluorene
 Concen: 39.859 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion:	166	Resp:	889849
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.3	10.6	16.0



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

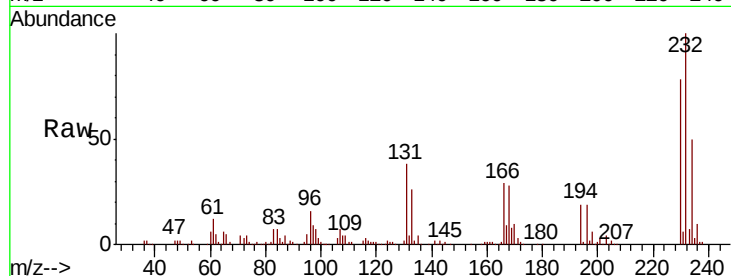




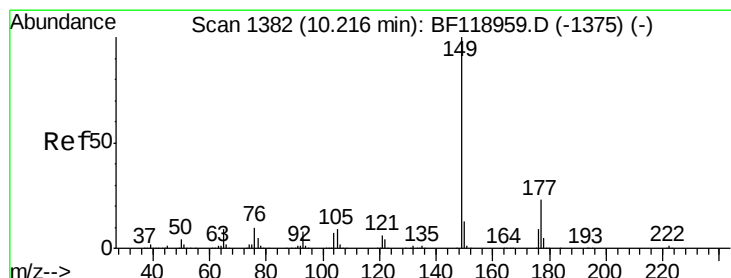
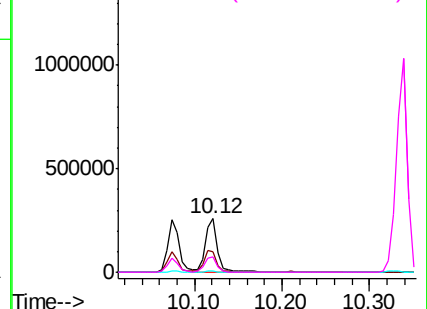
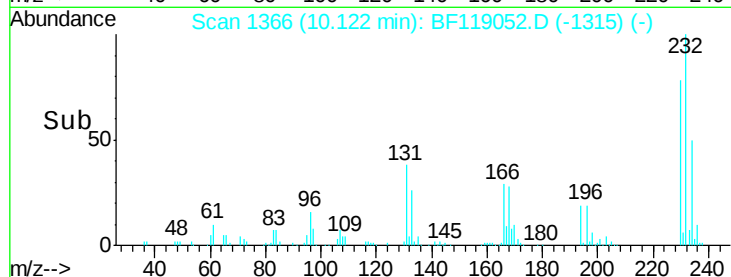
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.238 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232	Resp: 251033
Ion Ratio	Lower Upper
232 100	
131 41.6	34.0 51.0
130 2.1	1.6 2.4
166 28.9	23.6 35.4

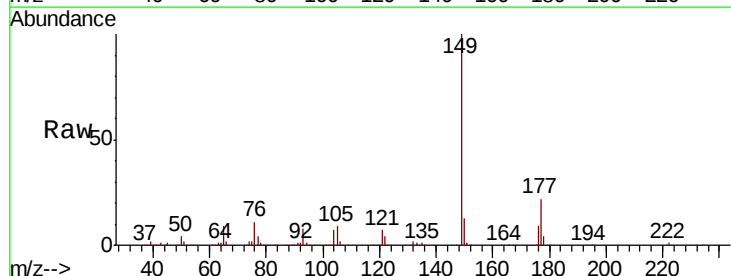


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

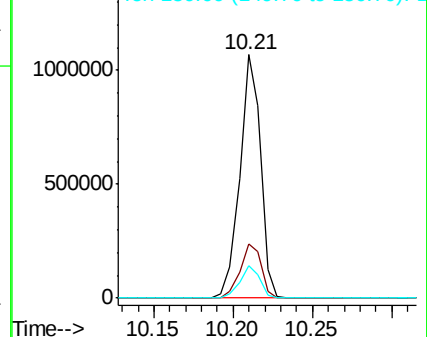
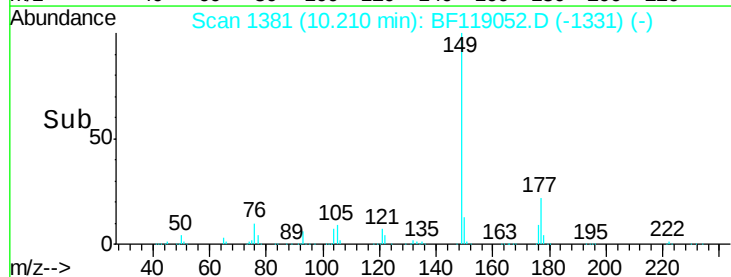


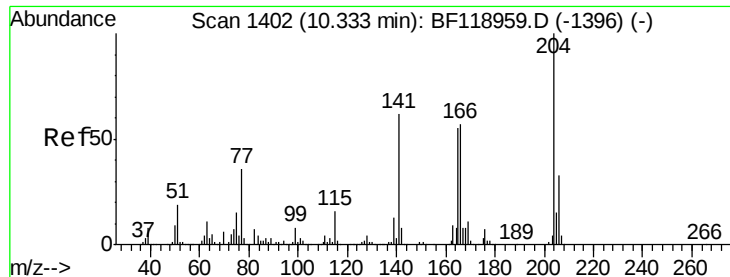
#60
Diethylphthalate
Concen: 39.439 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:149	Resp: 964476
Ion Ratio	Lower Upper
149 100	
177 22.5	18.1 27.1
150 13.1	10.4 15.6



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

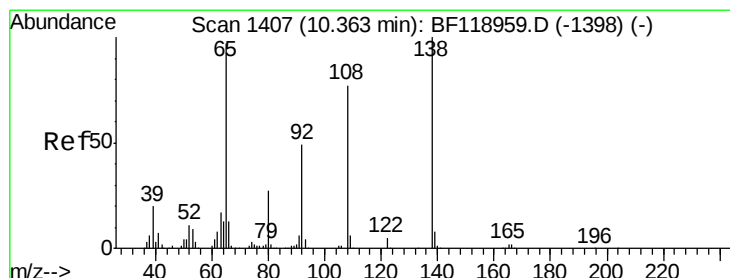
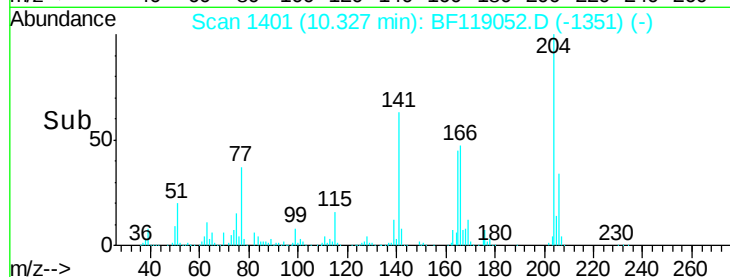
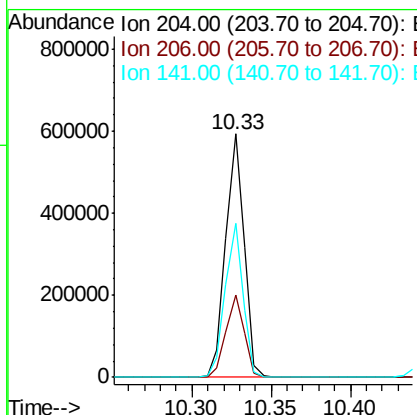
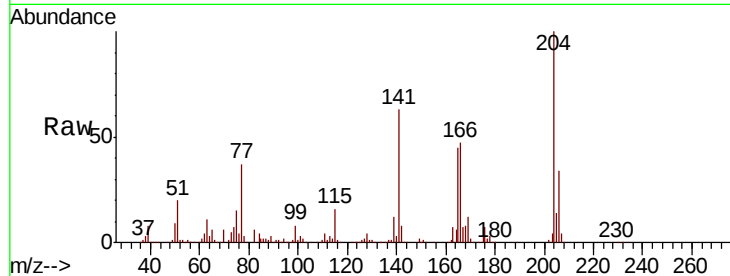




#61
 4-Chlorophenyl-phenylether
 Concen: 40.419 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

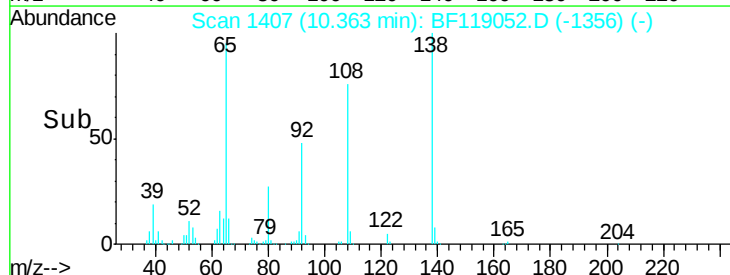
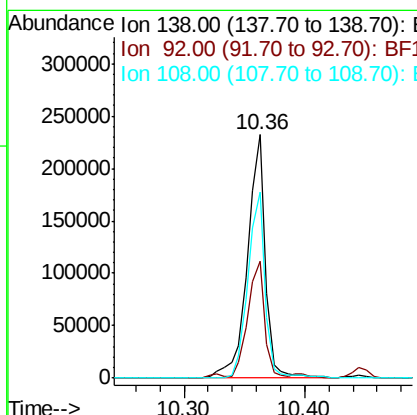
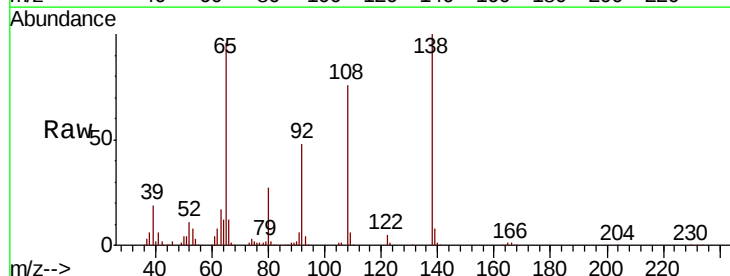
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

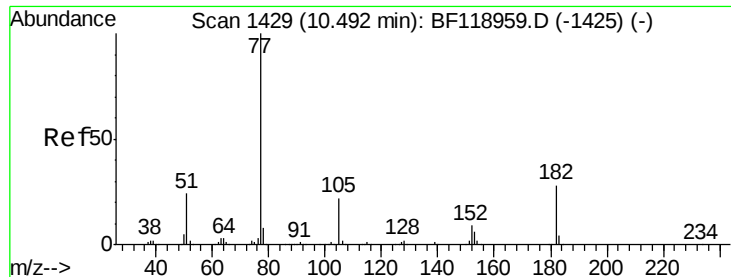
Tot Ion:	204	Resp:	477639
Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	63.0	49.5	74.3



#62
 4-Nitroaniline
 Concen: 37.161 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion:	138	Resp:	243007
Ion	Ratio	Lower	Upper
138	100		
92	47.9	28.7	68.7
108	76.2	56.8	96.8





#63

Azobenzene

Concen: 39.897 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 848082

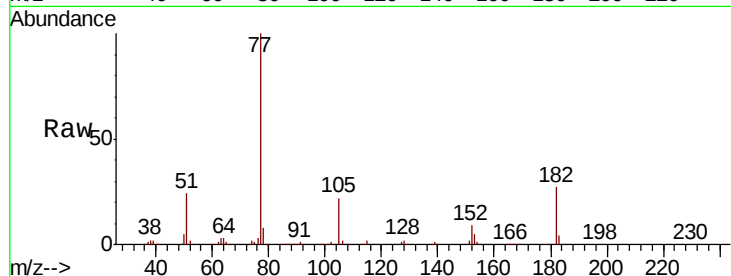
Ion Ratio Lower Upper

77 100

182 27.0 8.2 48.2

105 21.6 2.3 42.3

51 24.3 3.6 43.6

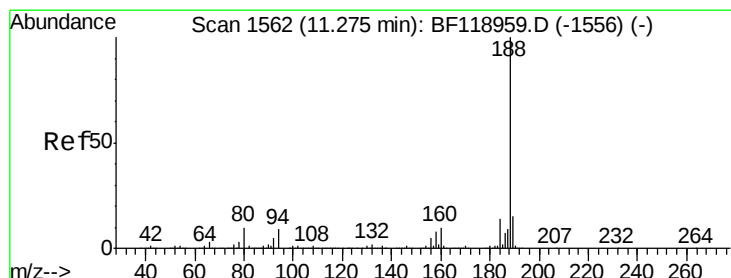
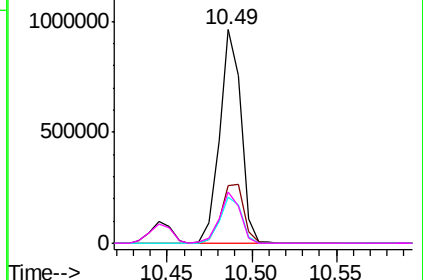
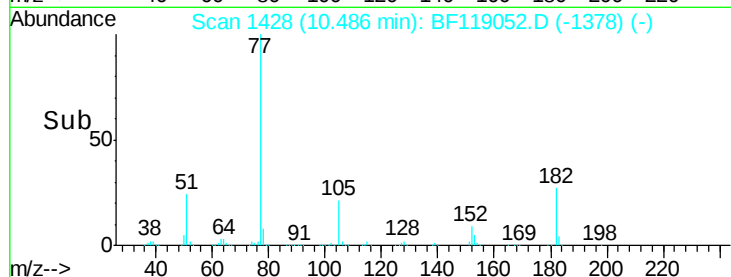


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

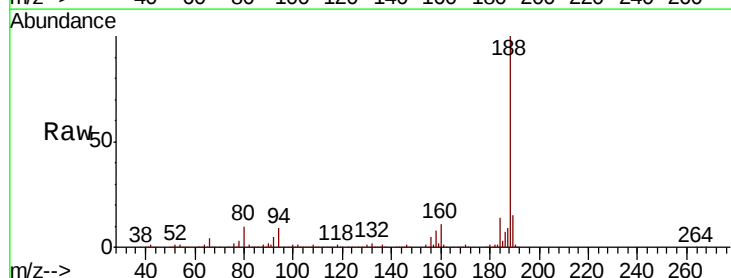
Tgt Ion: 188 Resp: 574227

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

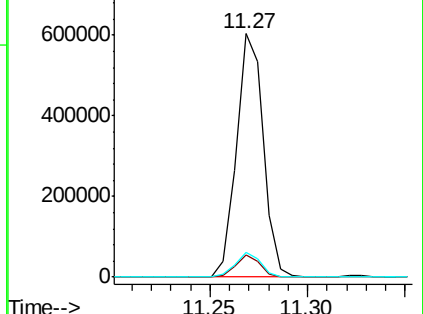
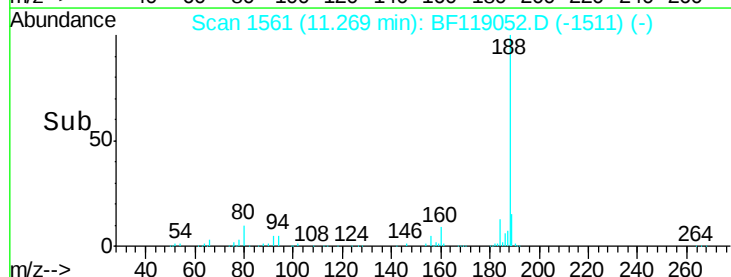
80 10.3 7.9 11.9

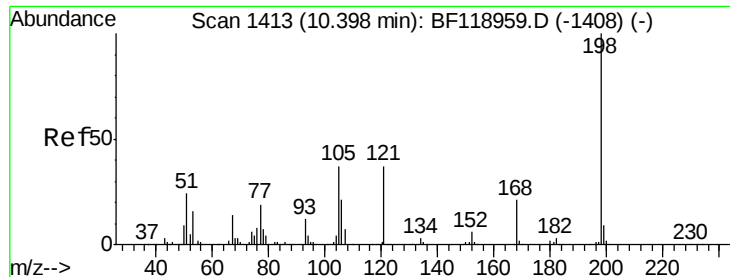


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

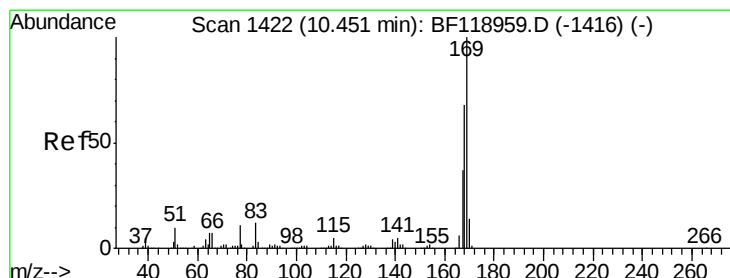
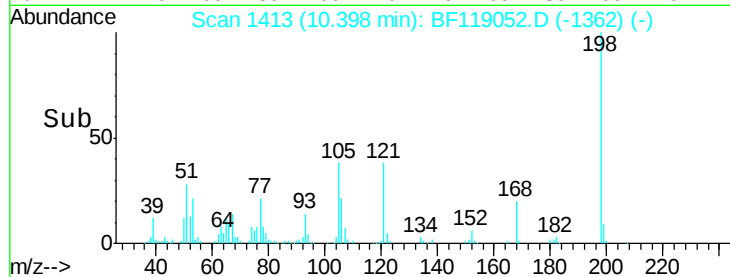
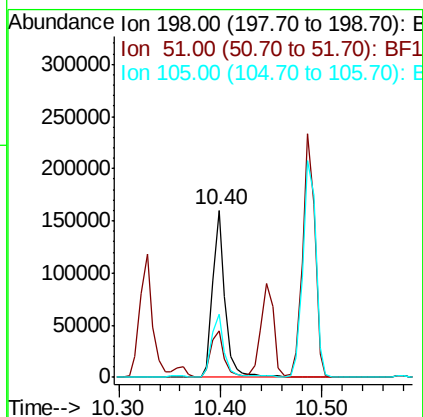
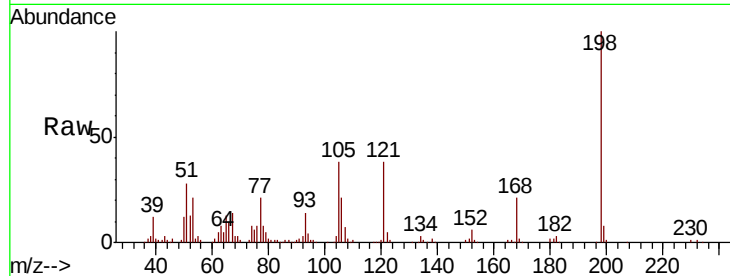




#65
4,6-Dinitro-2-methylphenol
Concen: 39.697 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

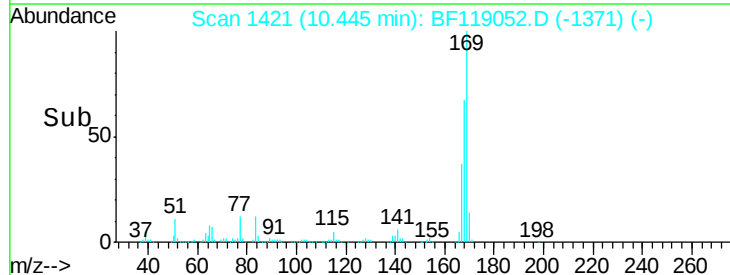
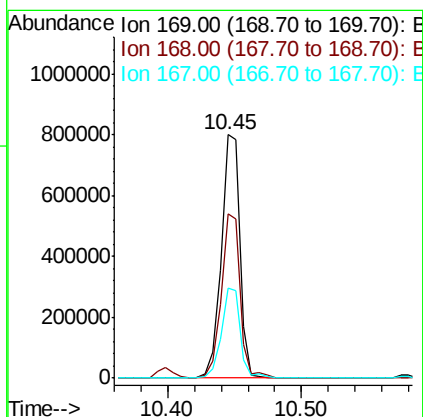
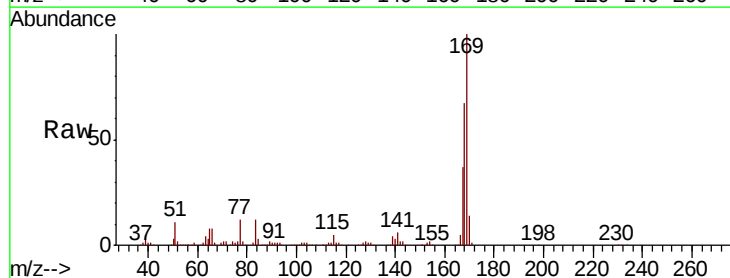
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

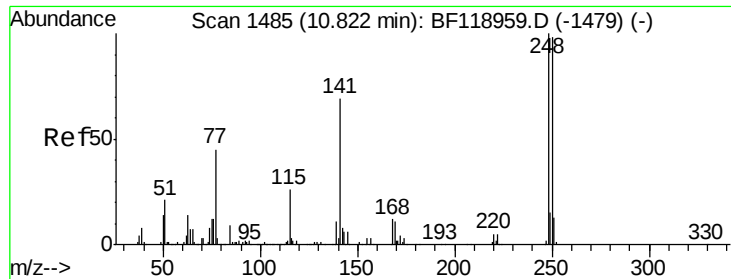
Tot Ion	Ratio	Lower	Upper
198	100		
51	27.7	7.1	47.1
105	38.0	18.3	58.3



#66
n-Nitrosodiphenylamine
Concen: 41.789 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.2	81.2
167	36.8	29.4	44.2

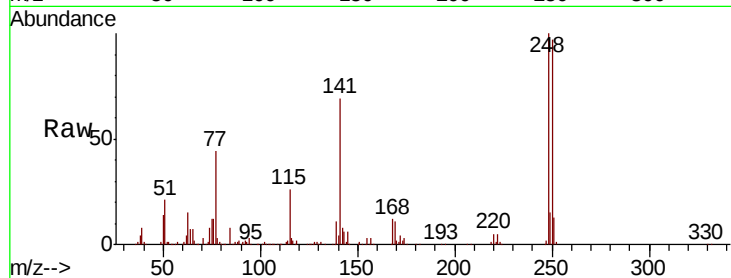




#67
4-Bromophenyl-phenylether
Concen: 42.726 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.8	118.2
141	69.0	55.3	82.9

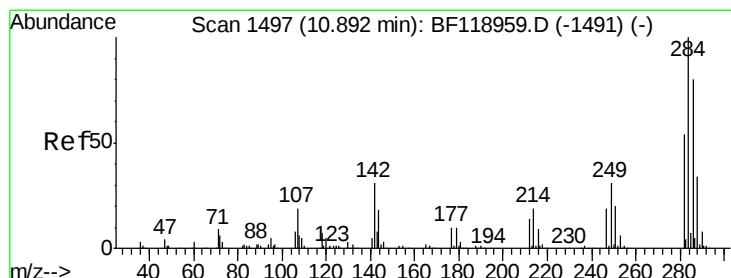
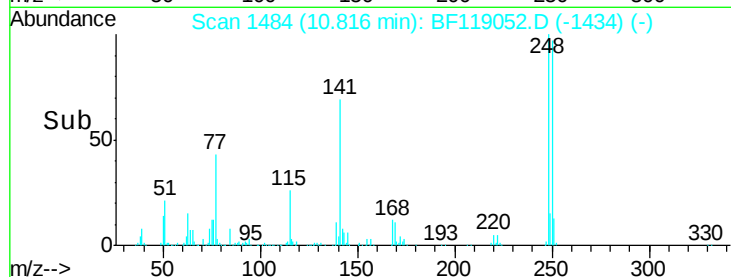
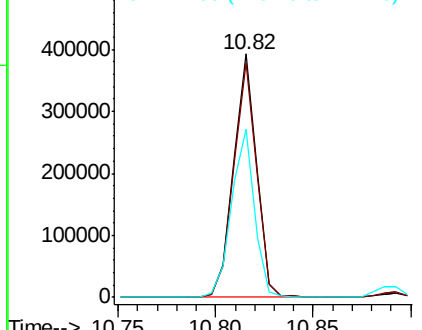


Abundance

Ion 248.00 (247.70 to 248.70): E

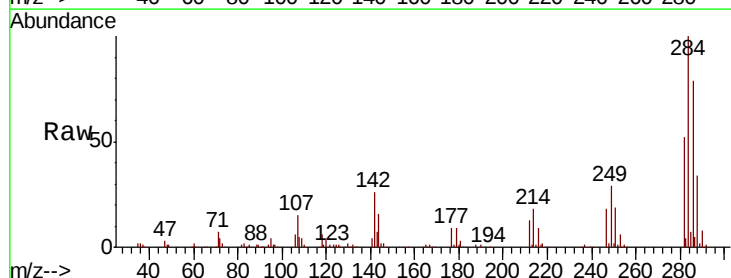
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.926 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	25.0	37.6
249	29.3	25.0	37.4

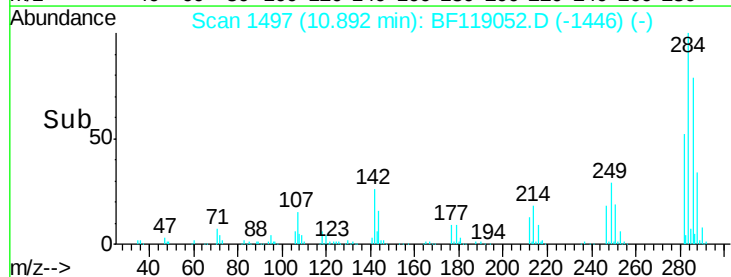
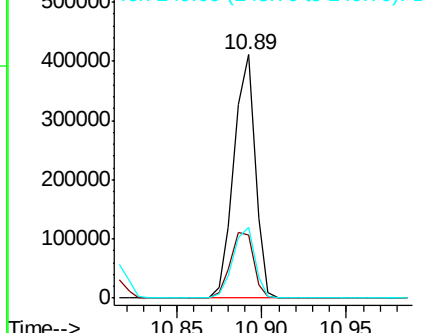


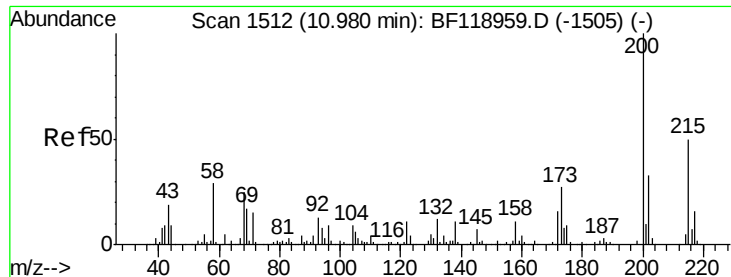
Abundance

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

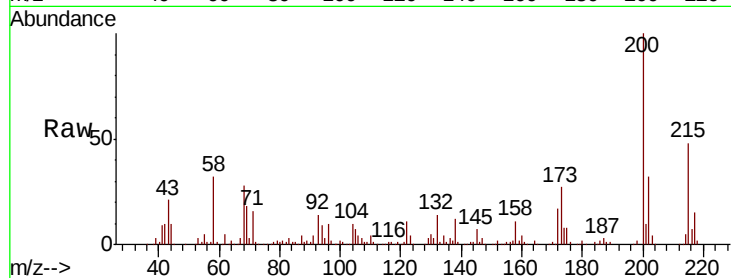




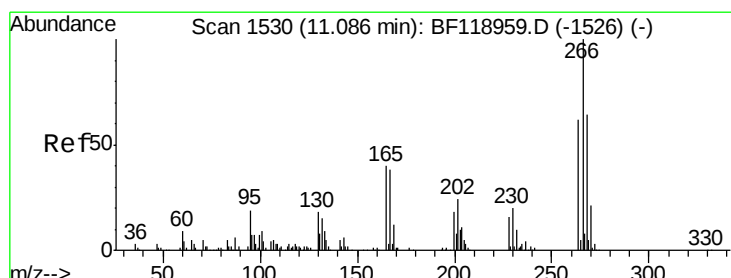
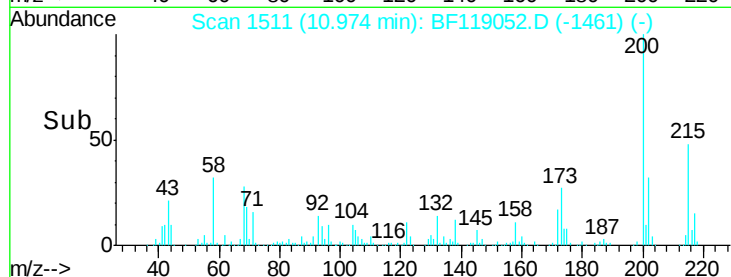
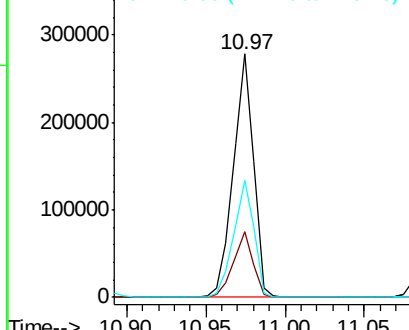
#69
Atrazine
Concen: 37.597 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	48.2	29.7	69.7

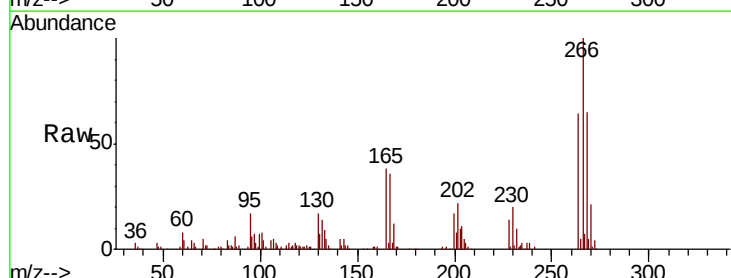


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

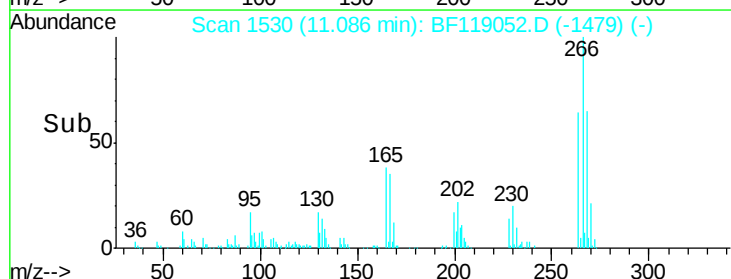
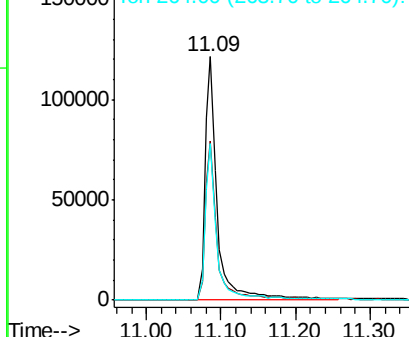


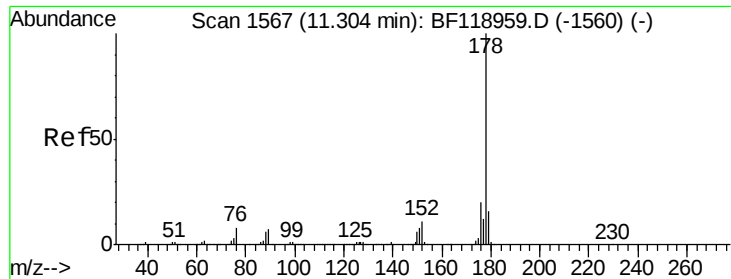
#70
Pentachlorophenol
Concen: 40.143 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.4	77.0
264	64.3	49.5	74.3



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: 40.836 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

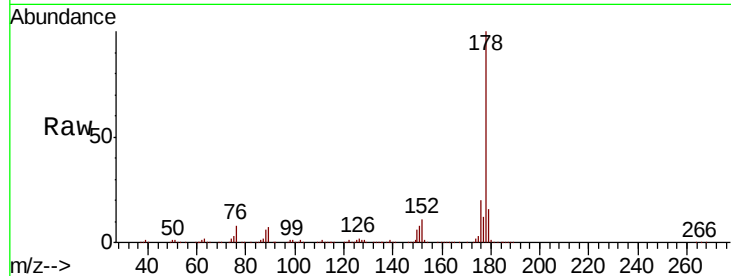
Tot Ion:178 Resp: 1278793

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

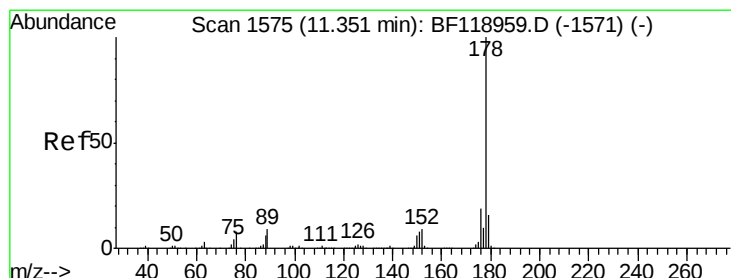
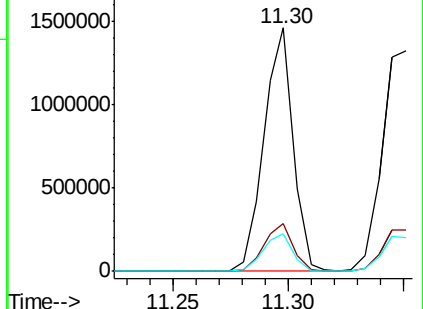
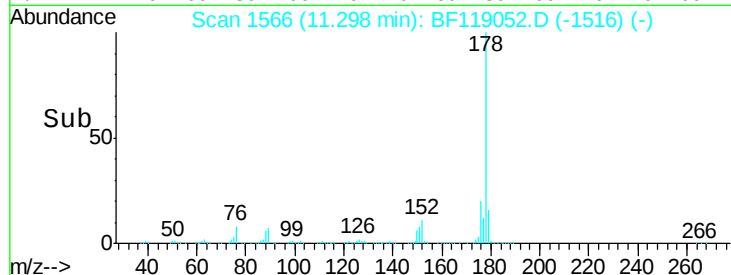
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.154 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

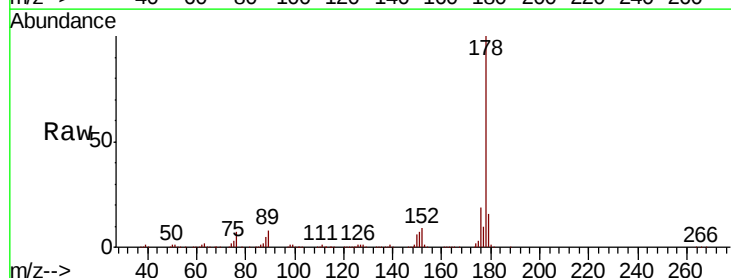
Tgt Ion:178 Resp: 1287671

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

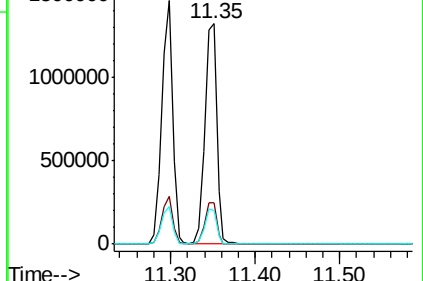
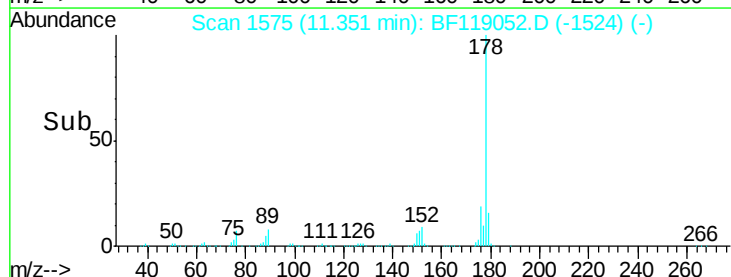
179 15.6 12.8 19.2

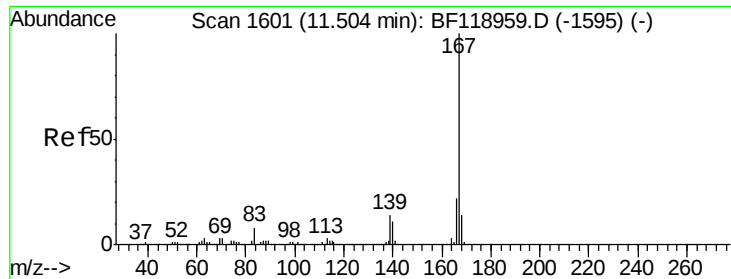


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



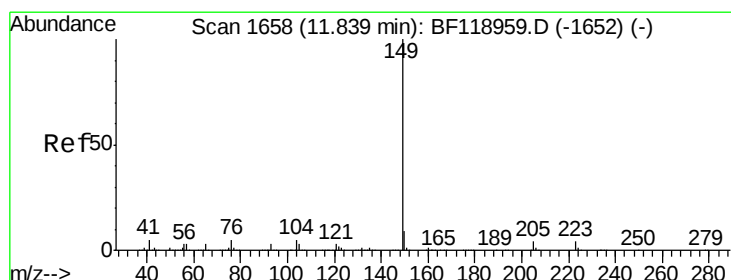
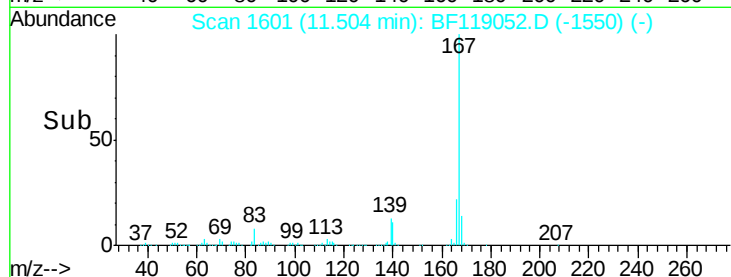
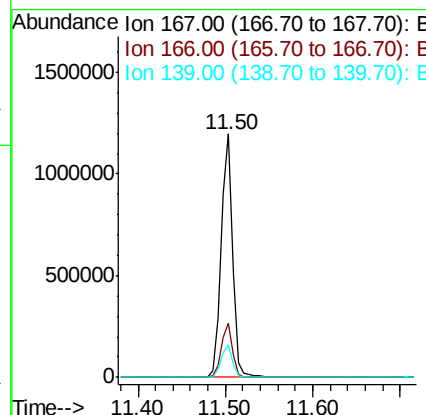
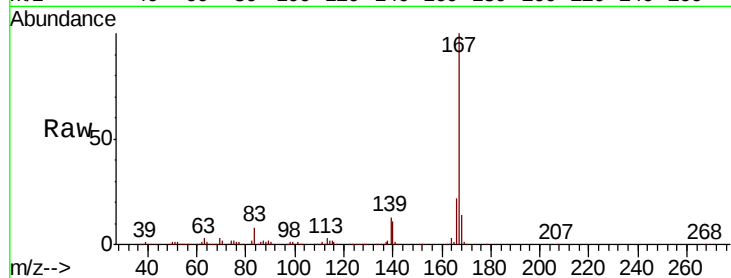


#73
 Carbazole
 Concen: 39.134 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1090873

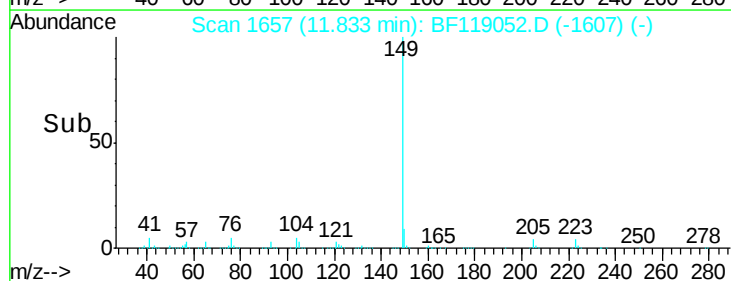
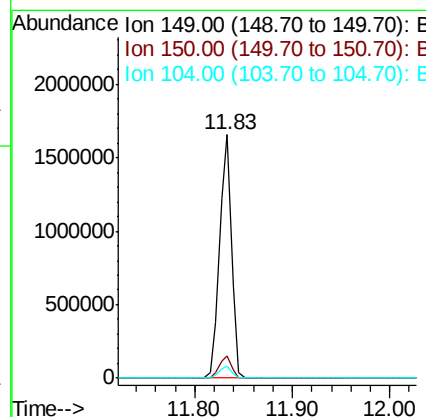
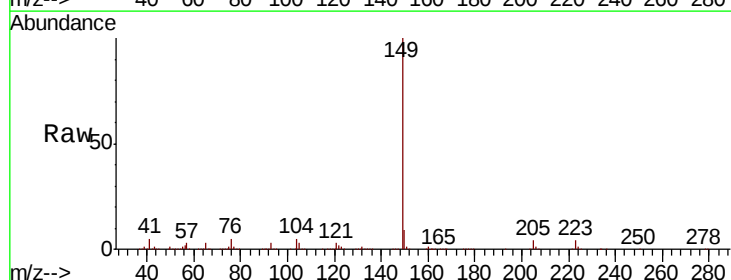
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.3	11.2	16.8

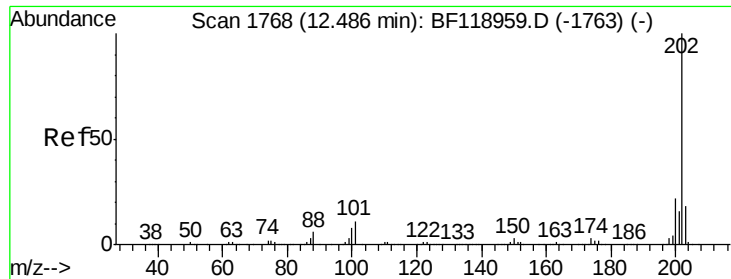


#74
 Di-n-butylphthalate
 Concen: 41.577 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion:149 Resp: 1403501

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.0	6.0



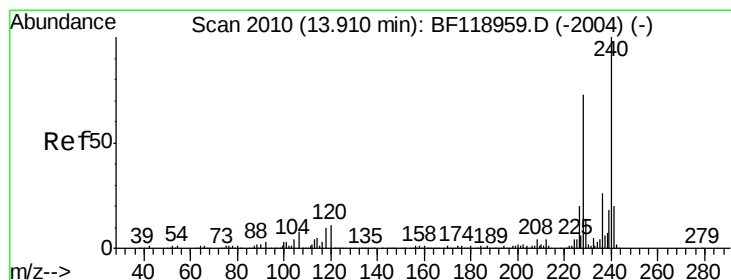
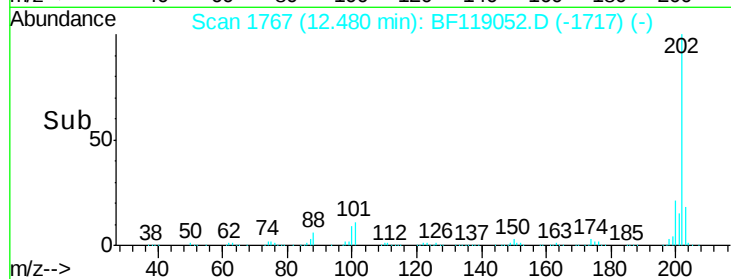
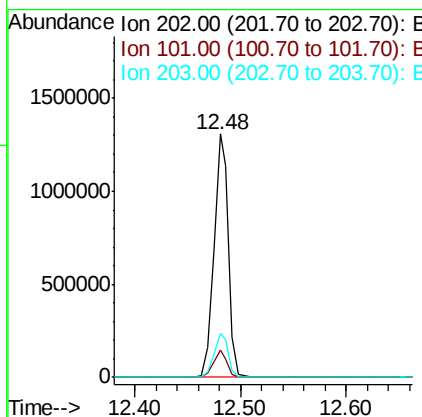
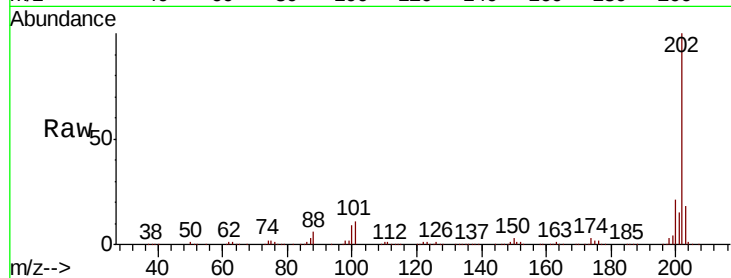


#75
 Fluoranthene
 Concen: 37.932 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1260882

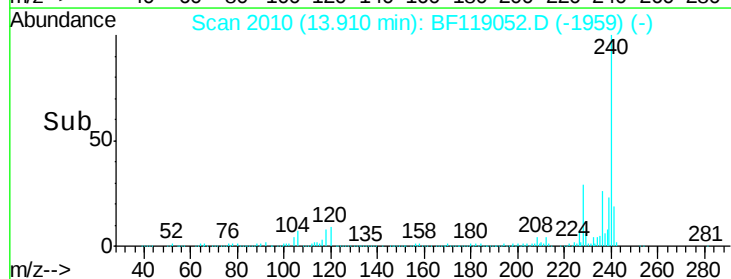
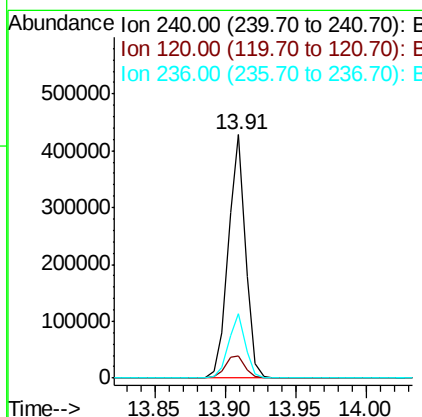
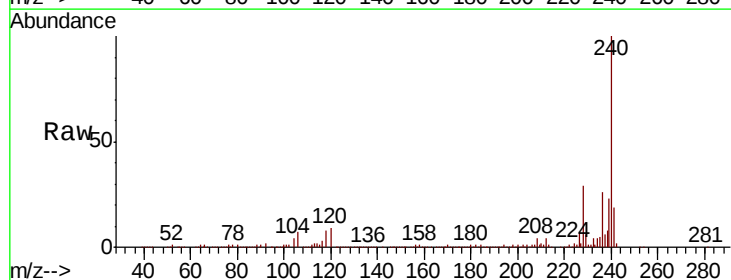
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	18.0	0.0	38.1

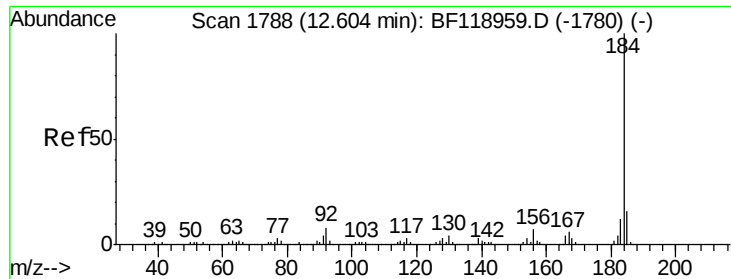


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion:240 Resp: 362178

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.9	13.3
236	26.3	20.6	30.8





#77

Benzidine

Concen: 35.329 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

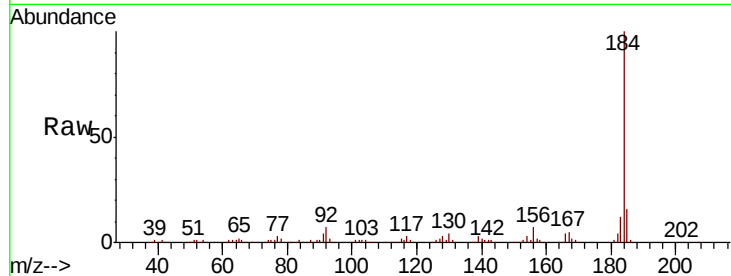
Tot Ion:184 Resp: 520373

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

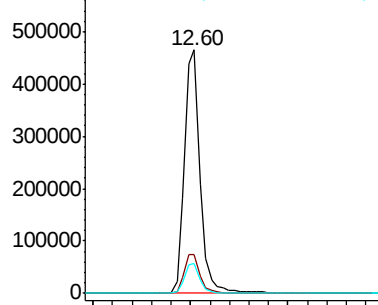
183 12.0 9.9 14.9



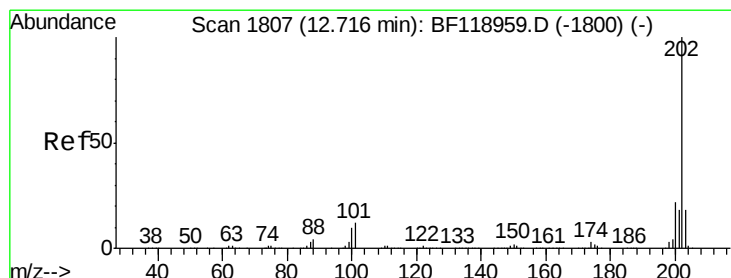
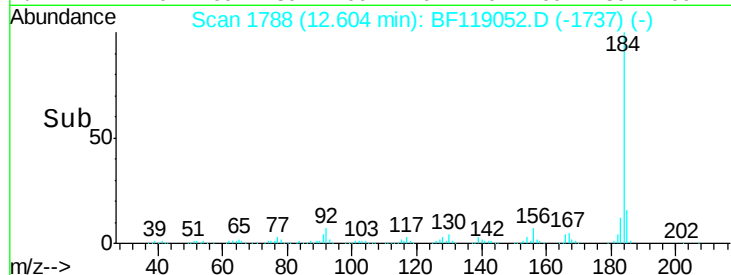
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.60 12.70



#78

Pyrene

Concen: 42.850 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

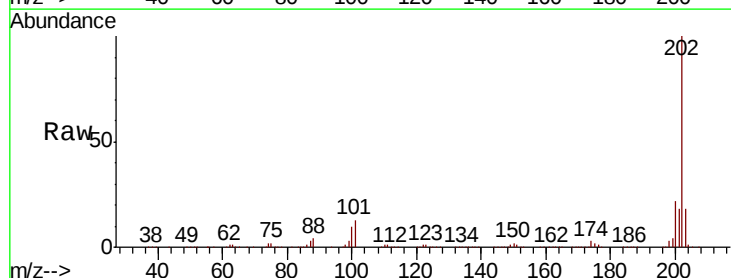
Tgt Ion:202 Resp: 1246175

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.0

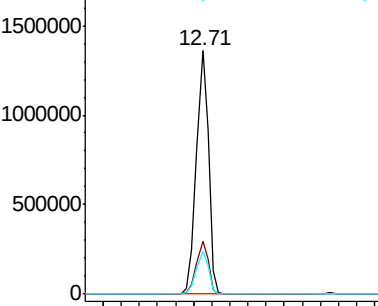
203 17.8 14.5 21.7



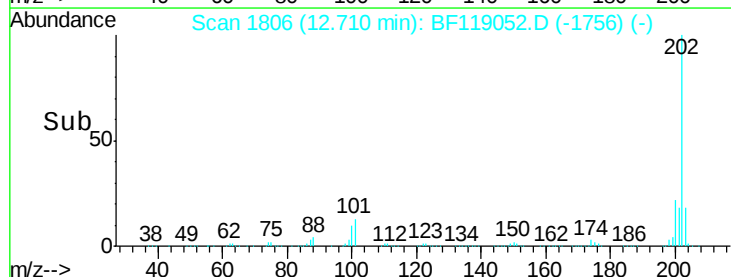
Abundance Ion 202.00 (201.70 to 202.70): E

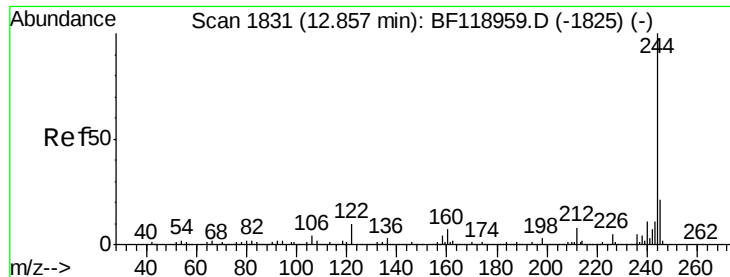
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.70 12.80





#79

Terphenyl-d14

Concen: 87.645 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

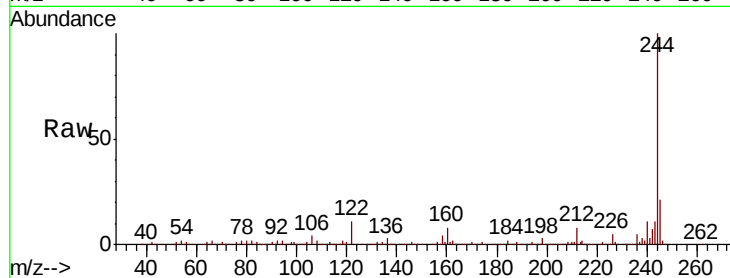
Tot Ion:244 Resp: 1843732

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

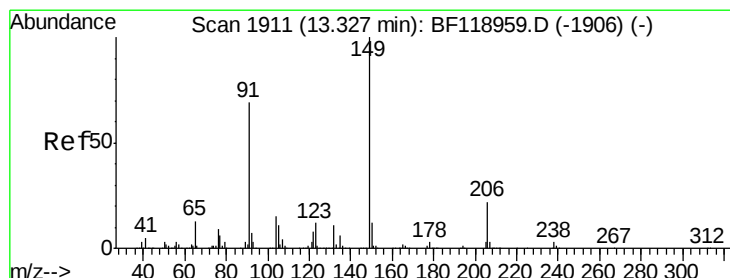
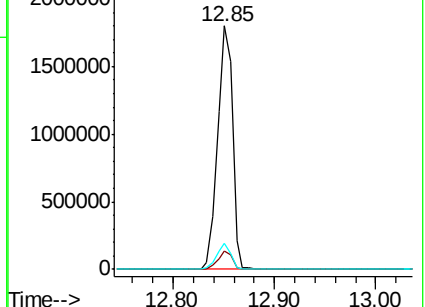
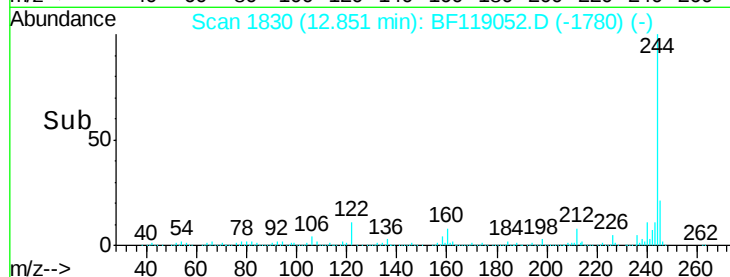
122 10.9 8.4 12.6



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: 43.265 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

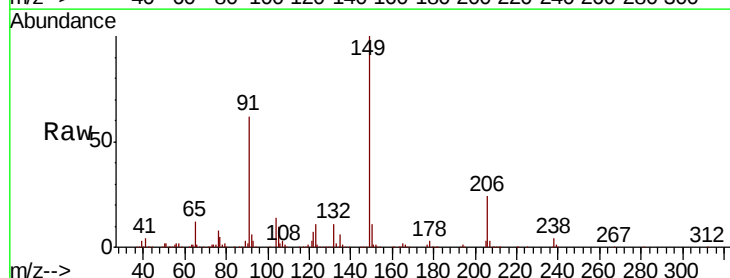
Tgt Ion:149 Resp: 529563

Ion Ratio Lower Upper

149 100

91 61.7 55.4 83.2

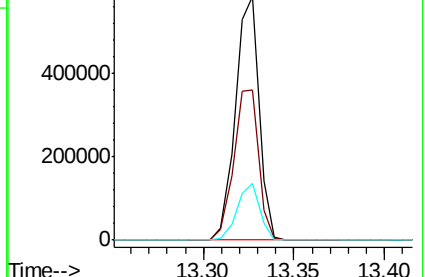
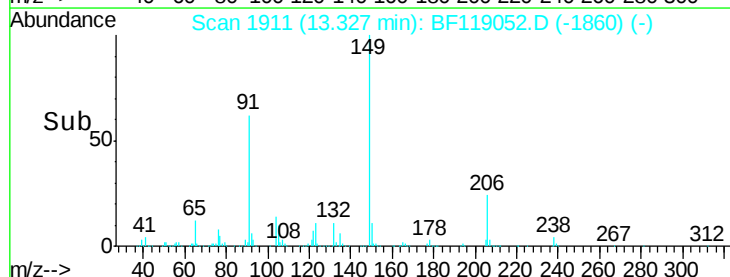
206 23.6 17.7 26.5

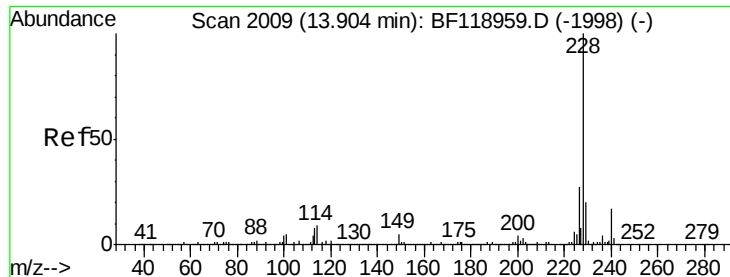


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.195 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

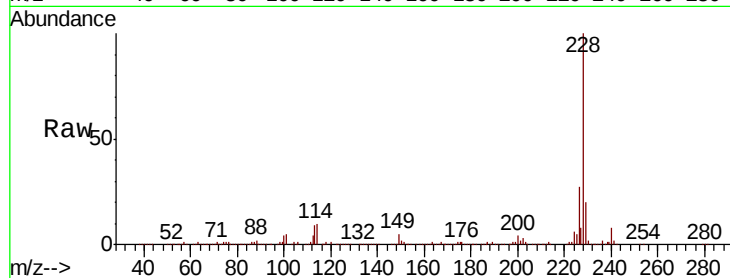
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1016596

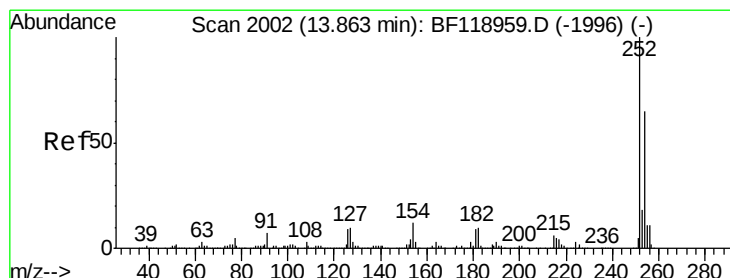
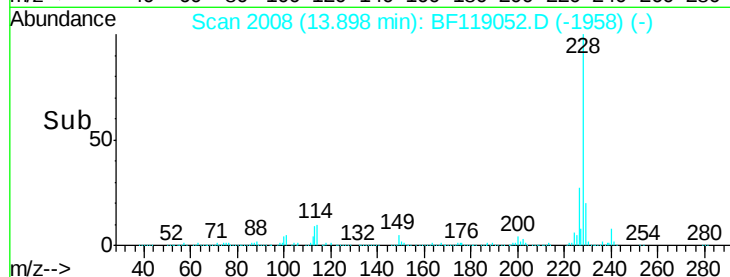
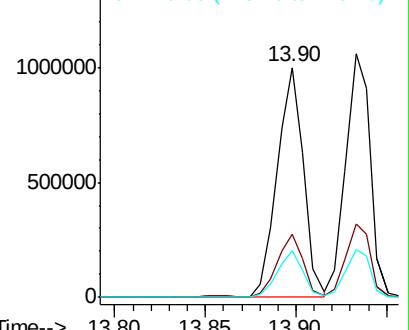
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 41.769 ng

RT: 13.86 min Scan# 2001

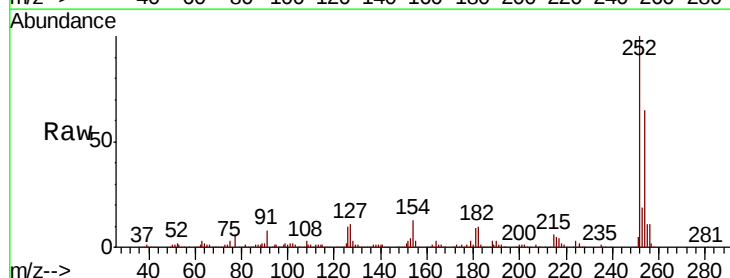
Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Tgt Ion:252 Resp: 400252

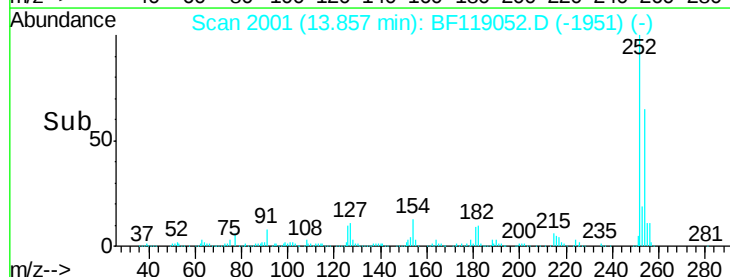
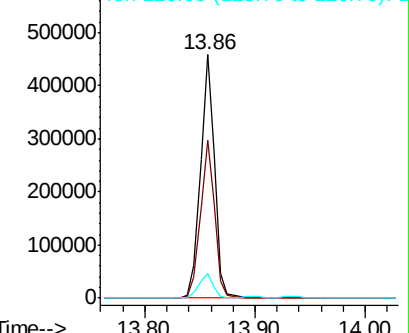
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	10.2	7.3	10.9

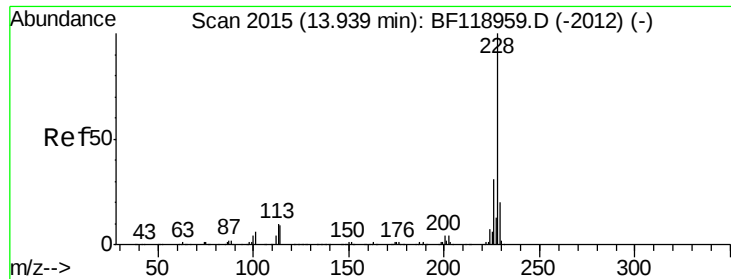


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

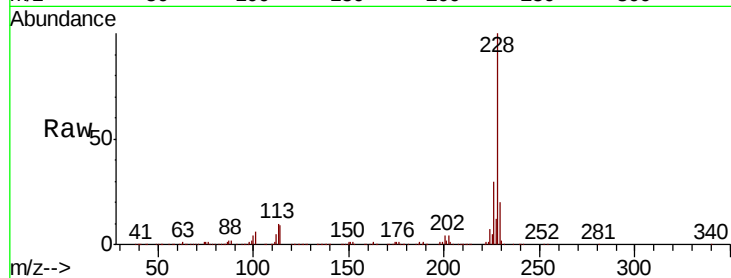




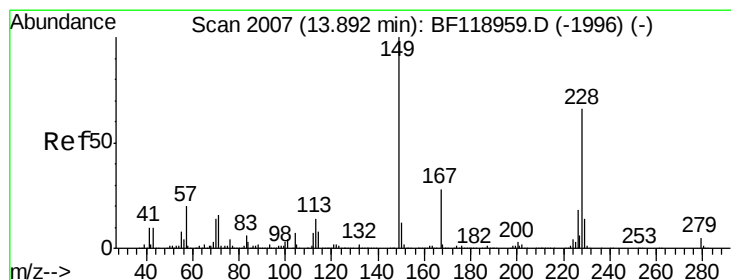
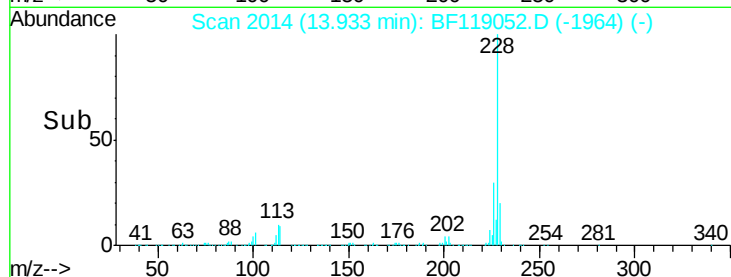
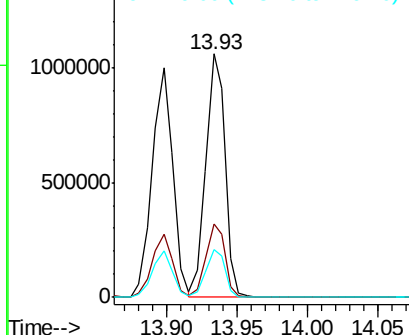
#83
 Chrvsene
 Concen: 40.730 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1001524
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.6 37.0
 229 19.8 16.2 24.2

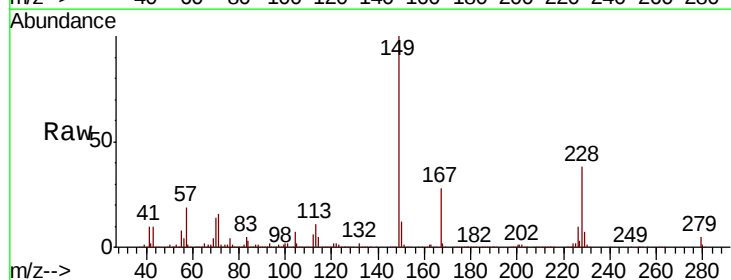


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

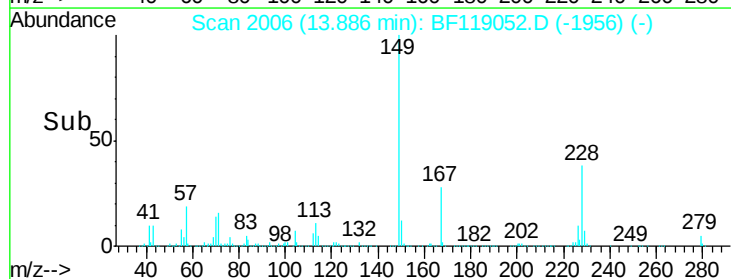
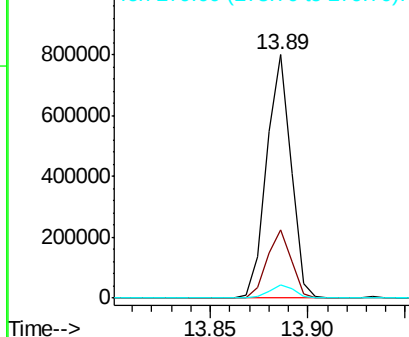


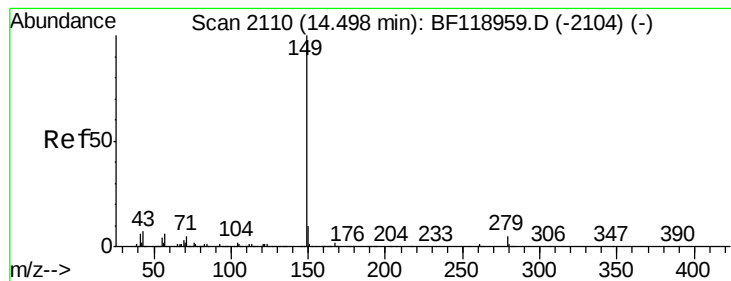
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.821 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119052.D
 Acq: 25 Feb 2020 7:14

Tgt Ion:149 Resp: 693096
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 5.3 4.2 6.4



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: 43.574 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

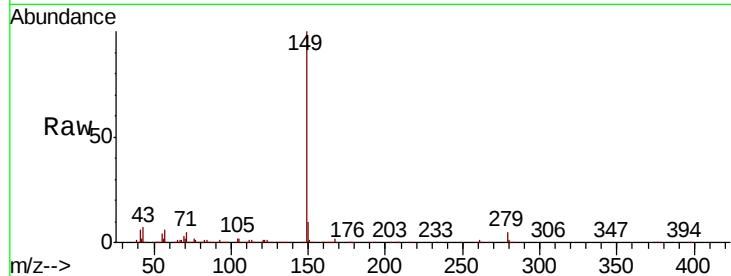
Tot Ion:149 Resp: 1073584

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

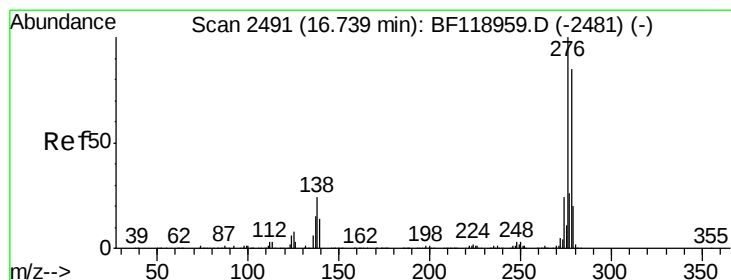
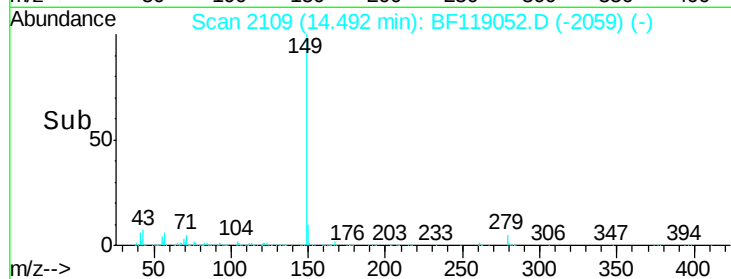
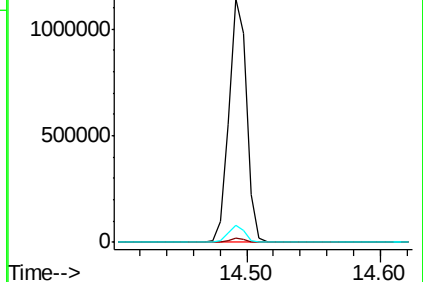
43 6.6 5.2 7.8



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: 55.763 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

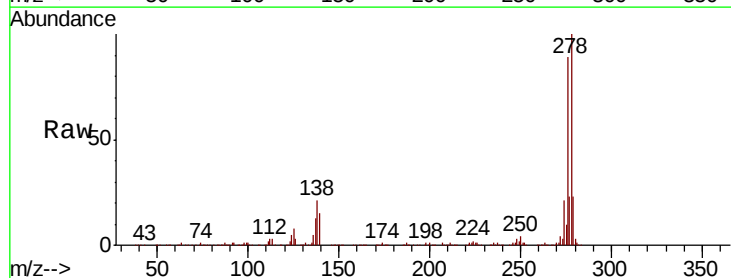
Tgt Ion:276 Resp: 1327653

Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

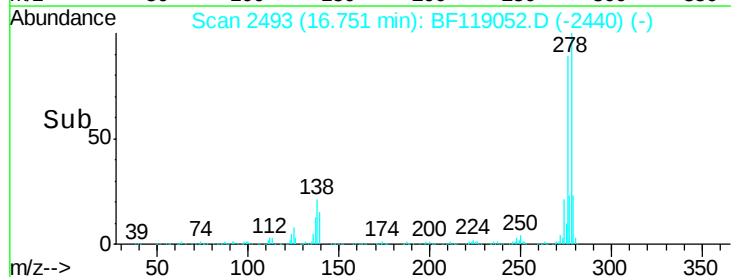
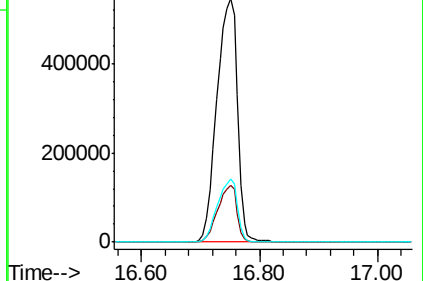
277 25.2 20.3 30.5

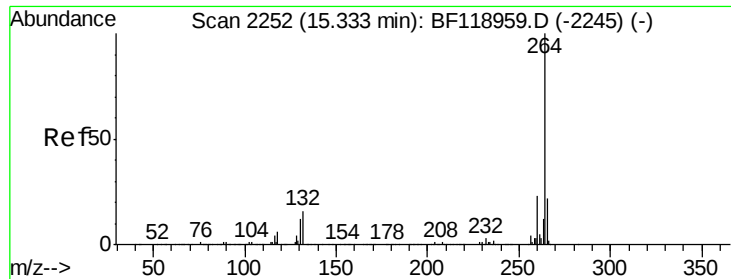


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

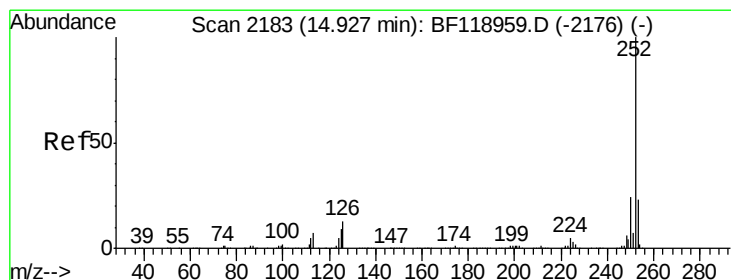
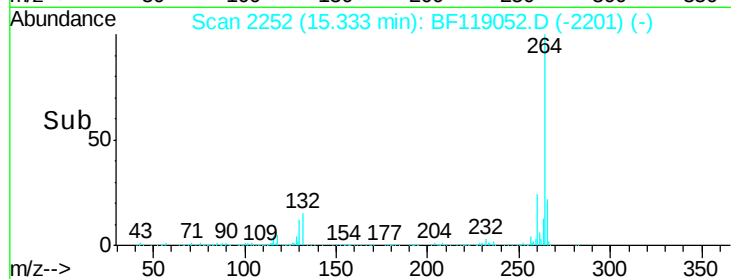
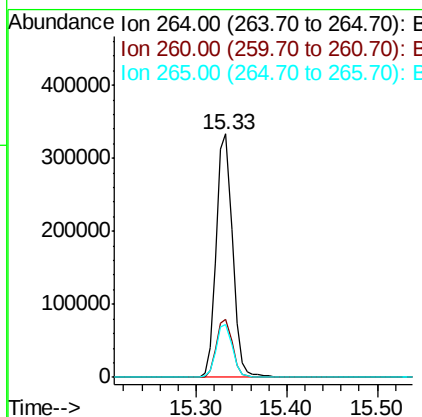
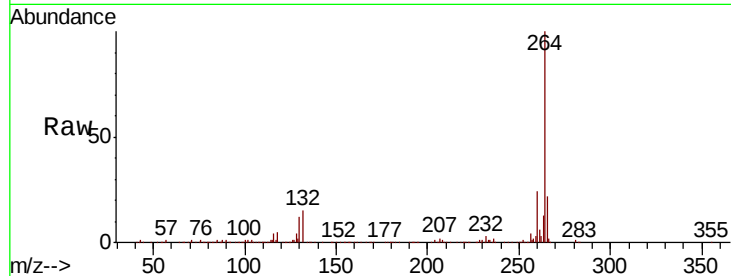




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

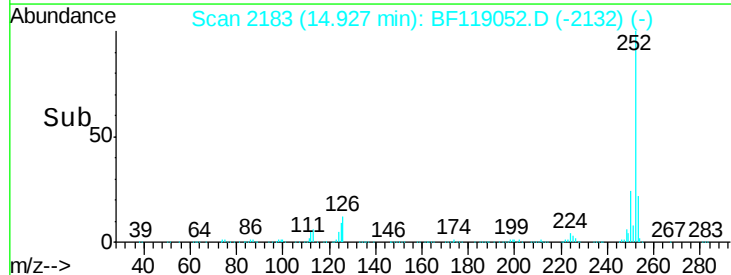
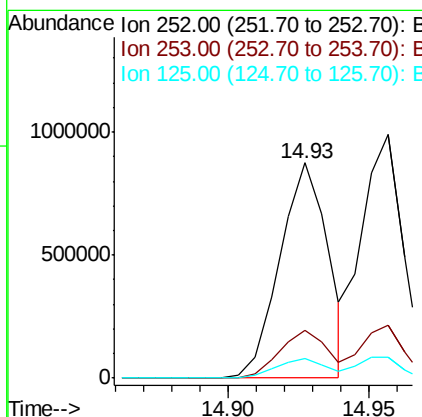
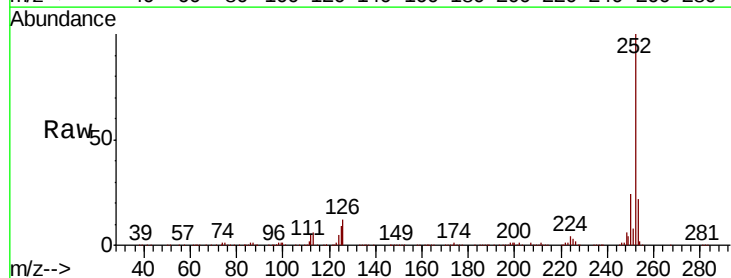
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

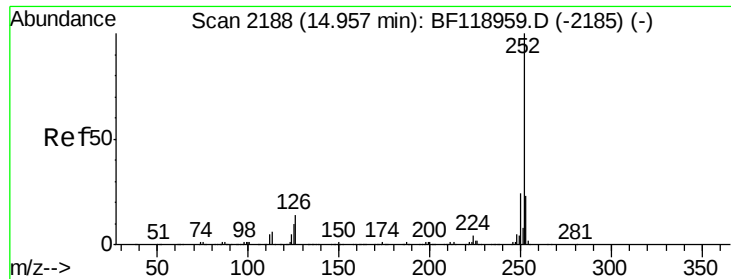
Tot Ion:264 Resp: 413389
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 37.966 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:252 Resp: 1034499
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.2 7.4 11.0

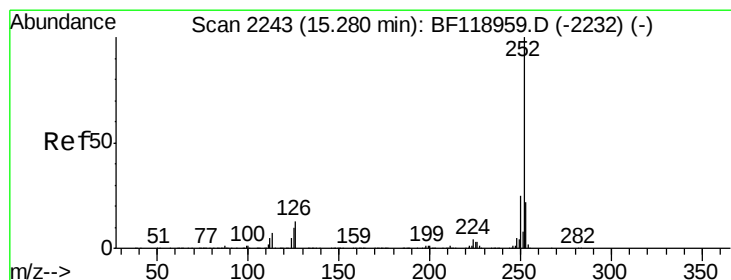
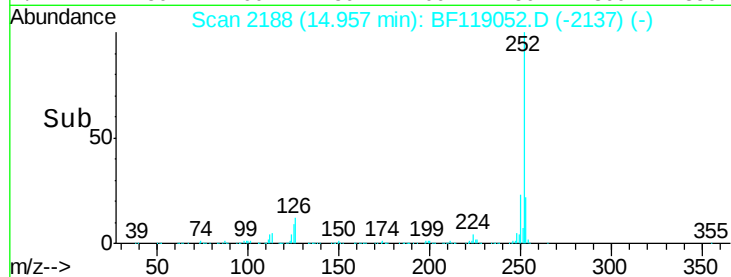
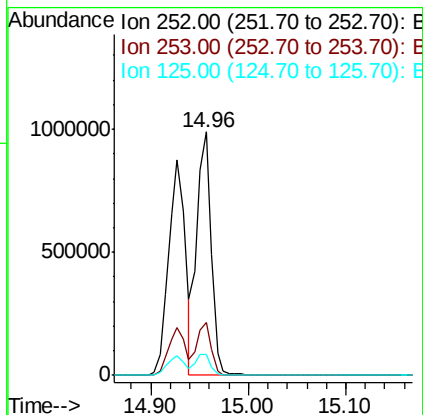
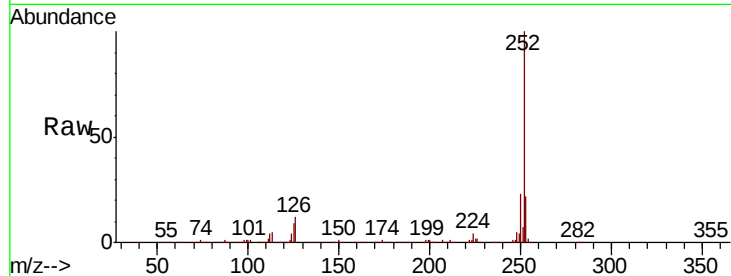




#89
Benzo(k)fluoranthene
Concen: 40.306 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

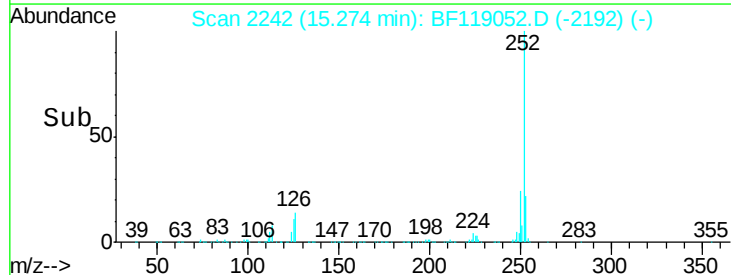
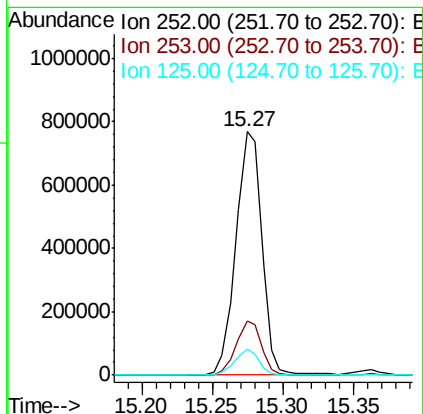
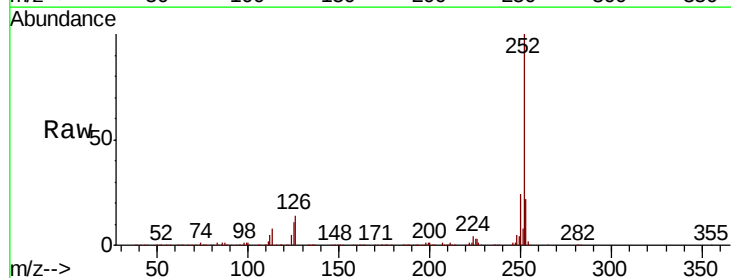
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

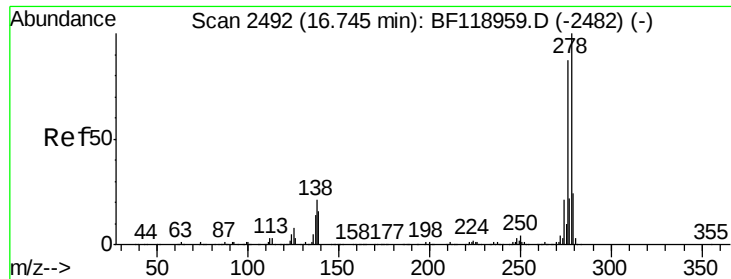
Tot Ion:252 Resp: 1017794
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.065 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119052.D
Acq: 25 Feb 2020 7:14

Tgt Ion:252 Resp: 985294
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.8 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 49.935 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

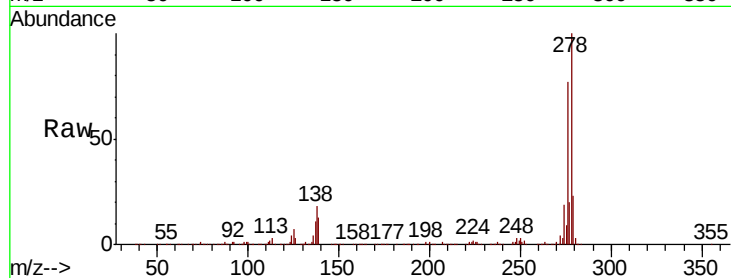
Tot Ion:278 Resp: 1080513

Ion Ratio Lower Upper

278 100

139 13.1 12.6 18.8

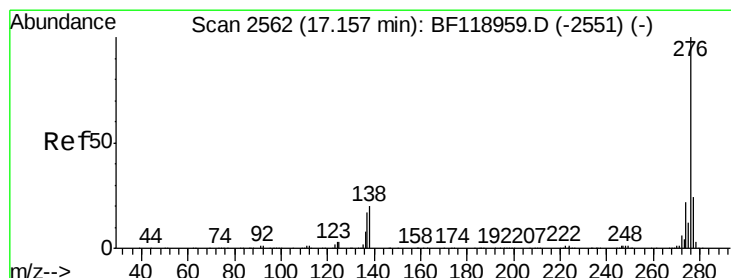
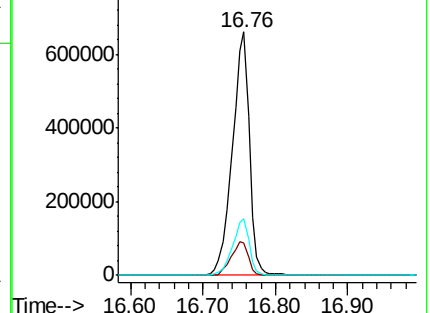
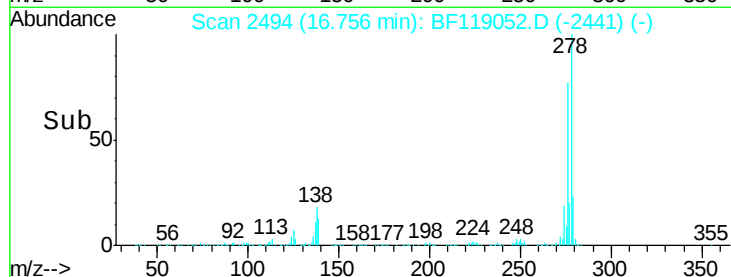
279 23.2 19.0 28.6



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: 51.823 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF119052.D

Acq: 25 Feb 2020 7:14

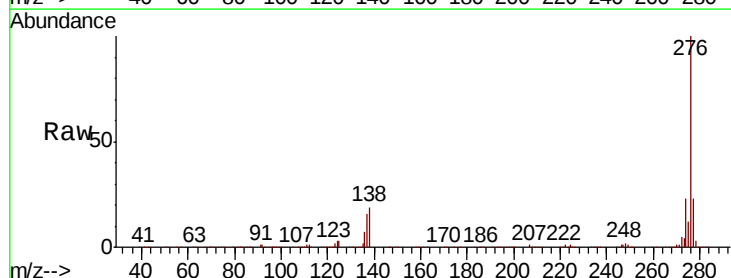
Tgt Ion:276 Resp: 1107970

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 18.8 16.2 24.4



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

