

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119242.D
 Acq On : 6 Mar 2020 6:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 06 08:25:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136972	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	495148	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	256096	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	401558	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	243271	20.00	ng	-0.02
87) Perylene-d12	15.31	264	301629	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	675050	82.36	ng	-0.02
7) Phenol-d6	6.39	99	792997	79.55	ng	-0.02
23) Nitrobenzene-d5	7.30	82	750358	80.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	233539	69.71	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1404776	80.81	ng	-0.02
79) Terphenyl-d14	12.82	244	1176067	83.23	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	134653	36.899	ng	99
3) Pyridine	3.12	79	376414	37.770	ng	98
4) n-Nitrosodimethylamine	3.07	42	122672	40.633	ng	97
6) Aniline	6.39	93	465322	37.832	ng	# 76
8) 2-Chlorophenol	6.52	128	359233	40.613	ng	99
9) Benzaldehyde	6.28	77	232989	34.984	ng	98
10) Phenol	6.40	94	429659	39.867	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	325862	39.517	ng	97
12) 1,3-Dichlorobenzene	6.67	146	422704	39.872	ng	99
13) 1,4-Dichlorobenzene	6.75	146	430332	40.564	ng	98
14) 1,2-Dichlorobenzene	6.90	146	391964	40.512	ng	99
15) Benzyl Alcohol	6.88	79	291943	40.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	276801	38.750	ng	# 43
17) 2-Methylphenol	7.00	107	281711	39.283	ng	96
18) Hexachloroethane	7.23	117	148665	39.169	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	240758	41.450	ng	99
20) 3+4-Methylphenols	7.16	107	367794	41.862	ng	# 88
22) Acetophenone	7.14	105	476002	41.549	ng	# 95
24) Nitrobenzene	7.32	77	371136	40.020	ng	99
25) Isophorone	7.55	82	625625	38.414	ng	98
26) 2-Nitrophenol	7.63	139	191149	38.902	ng	95
27) 2,4-Dimethylphenol	7.67	122	257691	38.642	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	410795	38.751	ng	100
29) 2,4-Dichlorophenol	7.88	162	305321	38.891	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	356505	38.301	ng	99
31) Naphthalene	8.03	128	1000993	38.981	ng	99
32) Benzoic acid	7.84	122	158046	34.640	ng	99
33) 4-Chloroaniline	8.09	127	420449	38.068	ng	98
34) Hexachlorobutadiene	8.15	225	227446	39.229	ng	98
35) Caprolactam	8.47	113	91301	37.769	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	308716	38.856	ng	95
37) 2-Methylnaphthalene	8.72	142	662665	38.346	ng	99
38) 1-Methylnaphthalene	8.82	142	622820	38.322	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347205	40.211	ng	99

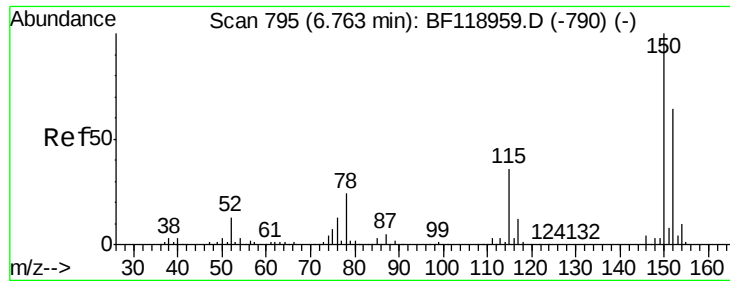
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	24384	16.242	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	213999	39.247	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	212548	37.147	ng	98
46) 1,1'-Biphenyl	9.19	154	840080	40.588	ng	98
47) 2-Chloronaphthalene	9.21	162	669592	40.145	ng	98
48) 2-Nitroaniline	9.32	65	189857	40.811	ng	96
49) Acenaphthylene	9.62	152	937775	38.928	ng	100
50) Dimethylphthalate	9.49	163	789747	40.328	ng	99
51) 2,6-Dinitrotoluene	9.56	165	167625	38.527	ng	96
52) Acenaphthene	9.80	154	570346	39.264	ng	99
53) 3-Nitroaniline	9.73	138	180950	37.515	ng	94
54) 2,4-Dinitrophenol	9.85	184	30175	20.412	ng	# 83
55) Dibenzofuran	9.97	168	826043	38.100	ng	97
56) 4-Nitrophenol	9.92	139	92643	31.968	ng	98
57) 2,4-Dinitrotoluene	9.96	165	206068	36.540	ng	91
58) Fluorene	10.31	166	655353	38.899	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	172174	35.662	ng	99
60) Diethylphthalate	10.18	149	749161	40.594	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	356960	40.028	ng	98
62) 4-Nitroaniline	10.35	138	167539	33.950	ng	100
63) Azobenzene	10.46	77	624301	38.919	ng	94
65) 4,6-Dinitro-2-methylphenol	10.38	198	66480	27.359	ng	95
66) n-Nitrosodiphenylamine	10.42	169	589172	44.809	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	223638	42.607	ng	97
68) Hexachlorobenzene	10.86	284	245532	40.573	ng	98
69) Atrazine	10.95	200	181669	39.545	ng	98
70) Pentachlorophenol	11.06	266	135957	55.771	ng	98
71) Phenanthrene	11.27	178	877448	40.068	ng	98
72) Anthracene	11.32	178	873246	39.909	ng	98
73) Carbazole	11.48	167	748412	38.394	ng	98
74) Di-n-butylphthalate	11.80	149	1019808	43.201	ng	99
75) Fluoranthene	12.46	202	760135	32.701	ng	99
77) Benzidine	12.58	184	388237	39.241	ng	99
78) Pyrene	12.69	202	743515	38.062	ng	97
80) Butylbenzylphthalate	13.29	149	326586	39.724	ng	96
81) Benzo(a)anthracene	13.87	228	659337	39.777	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	263243	40.899	ng	99
83) Chrysene	13.91	228	645348	39.074	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	432667	41.656	ng	99
85) Di-n-octyl phthalate	14.46	149	724874	43.802	ng	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	765202	47.848	ng	99
88) Benzo(b)fluoranthene	14.90	252	733114	36.874	ng	98
89) Benzo(k)fluoranthene	14.93	252	720292	39.094	ng	98
90) Benzo(a)pyrene	15.25	252	695246	38.746	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	641641	40.640	ng	99
92) Benzo(g,h,i)perylene	17.13	276	577433	37.015	ng	98

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

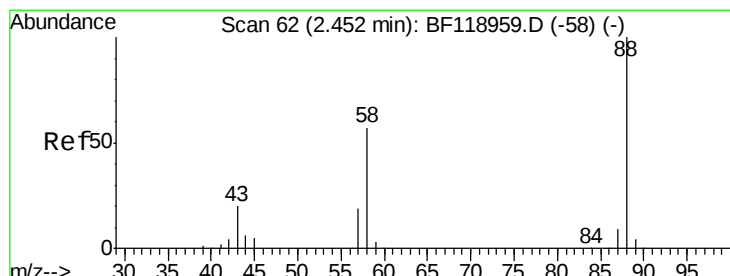
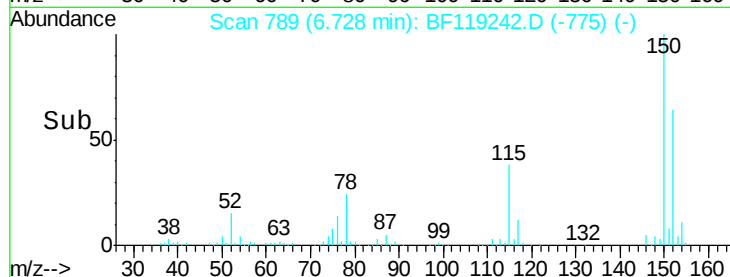
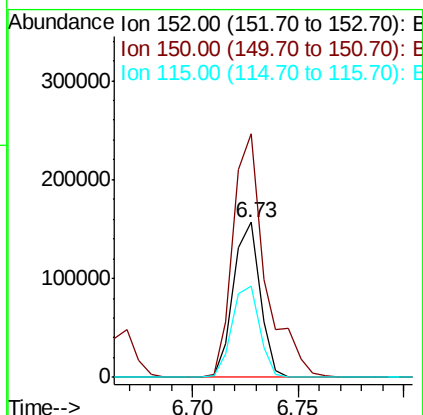
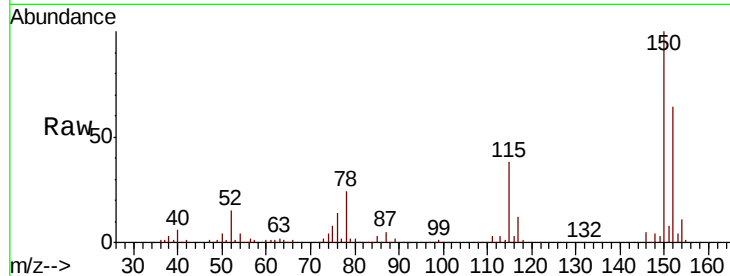


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

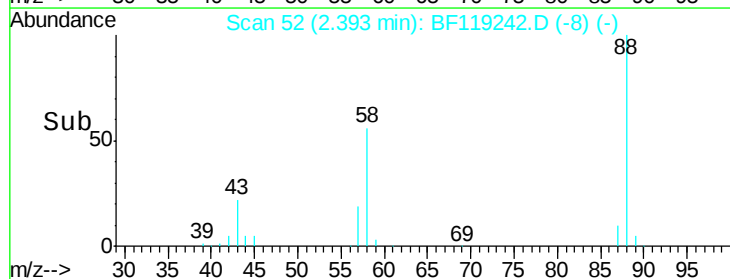
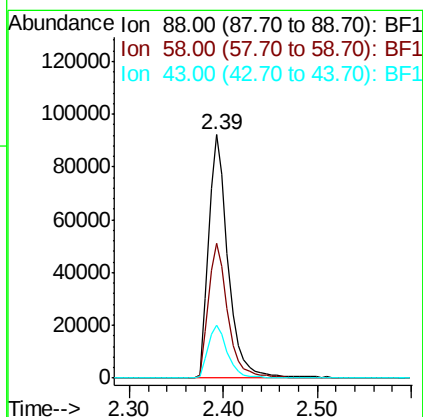
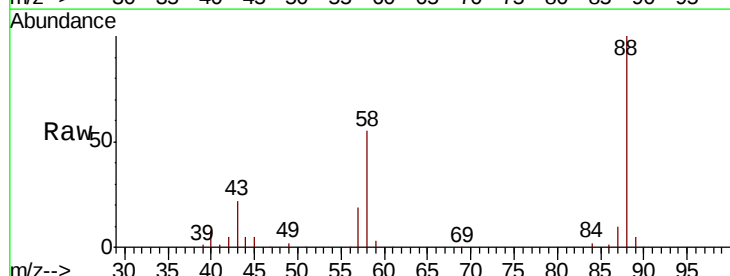
Tot Ion:152 Resp: 136972
Ion Ratio Lower Upper
152 100
150 157.3 123.0 184.6
115 59.4 49.5 74.3



#2

1,4-Dioxane
Concen: 36.899 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.04 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion: 88 Resp: 134653
Ion Ratio Lower Upper
88 100
58 54.9 43.8 65.6
43 21.6 16.2 24.4





#3

Pvridine

Concen: 37.770 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.04 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

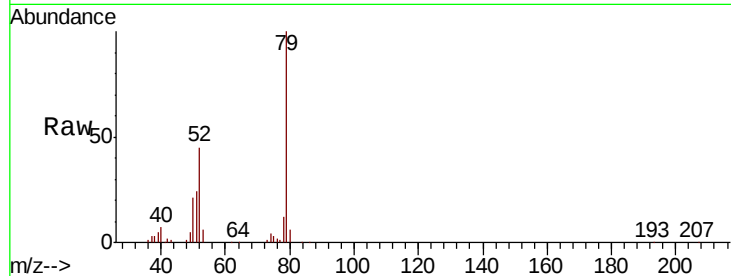
Tot Ion: 79 Resp: 376414

Ion Ratio Lower Upper

79 100

52 45.1 37.4 56.0

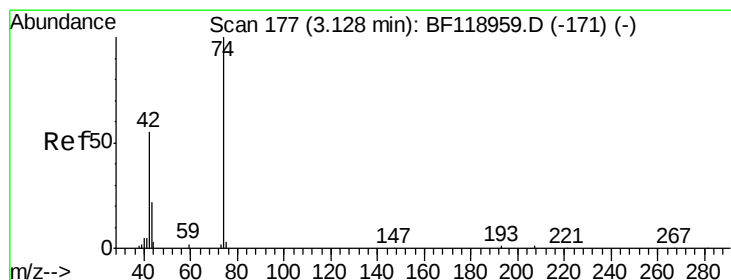
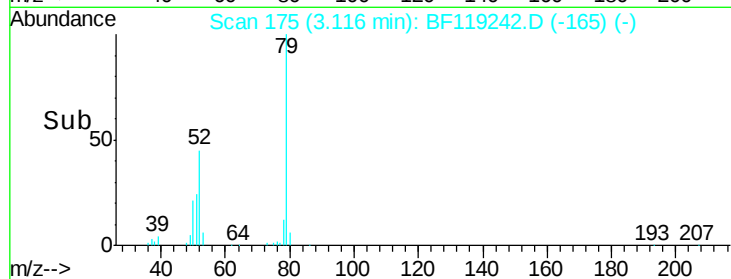
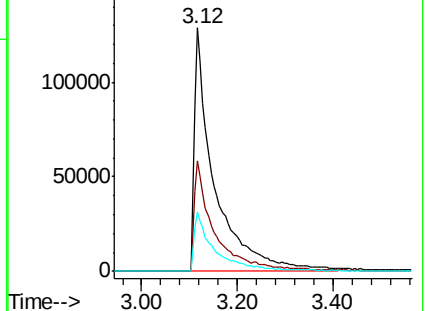
51 24.5 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.633 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.05 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

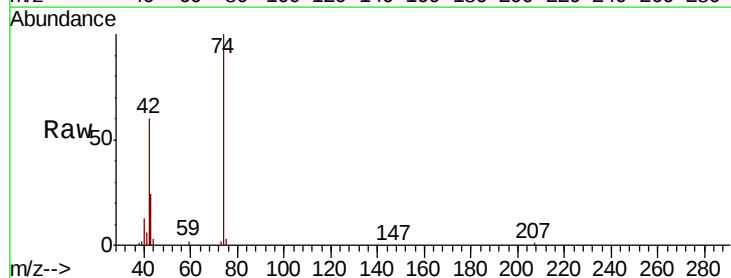
Tgt Ion: 42 Resp: 122672

Ion Ratio Lower Upper

42 100

74 167.2 137.7 206.5

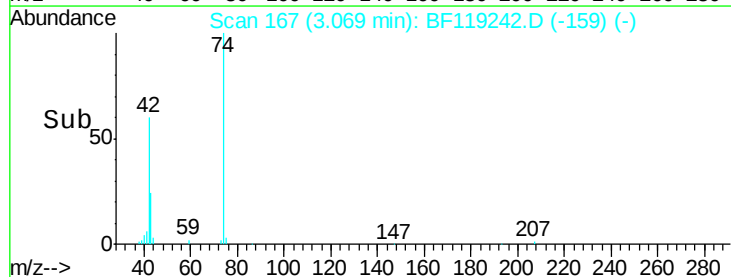
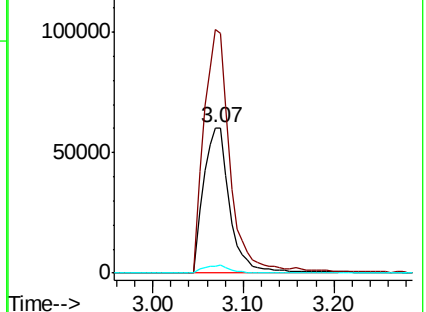
44 5.1 4.5 6.7

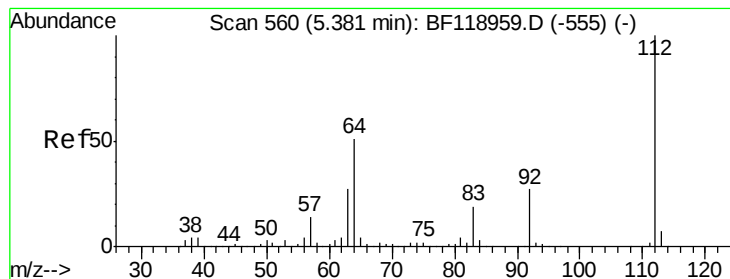


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.362 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

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ClientSampleId :

SSTDCCC040

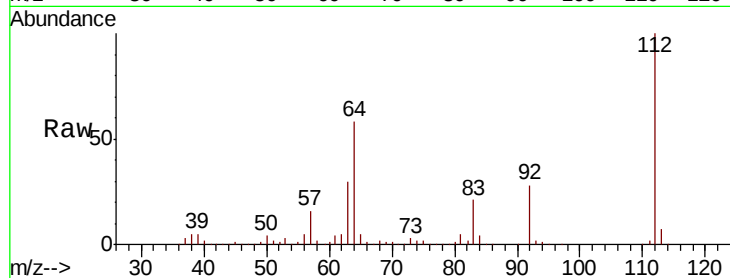
Tot Ion:112 Resp: 675050

Ion Ratio Lower Upper

112 100

64 57.8 45.0 67.4

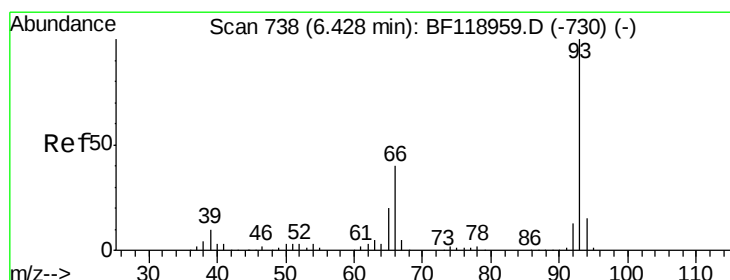
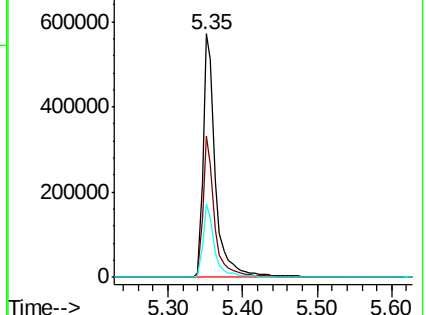
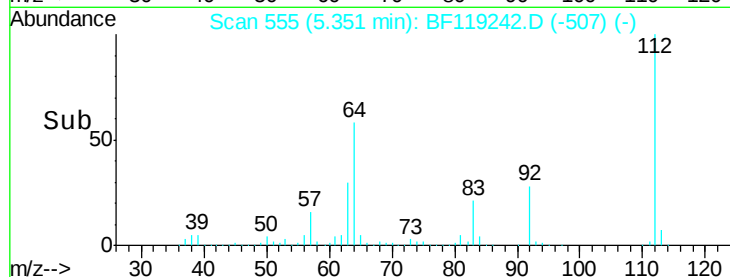
63 30.2 24.2 36.4



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: 37.832 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

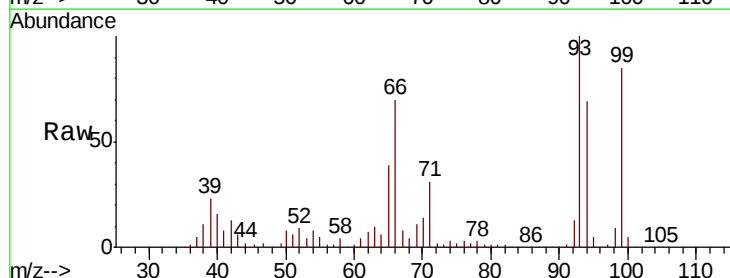
Tgt Ion: 93 Resp: 465322

Ion Ratio Lower Upper

93 100

66 70.0 74.5 111.7#

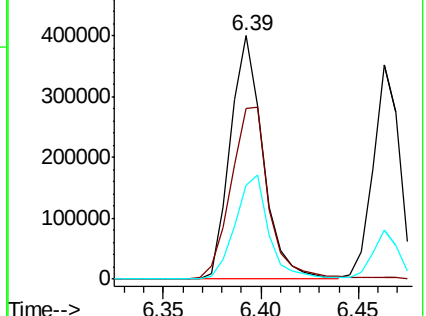
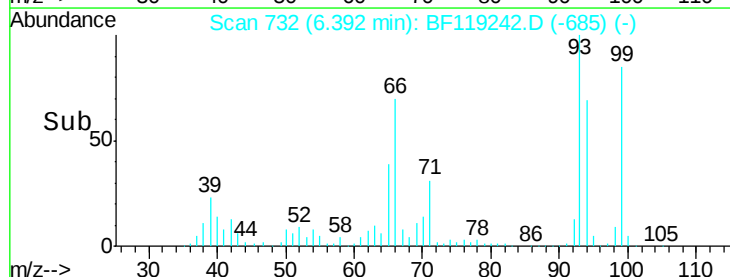
65 38.7 45.3 67.9#



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: 79.554 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

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ClientSampleId :

SSTDCCC040

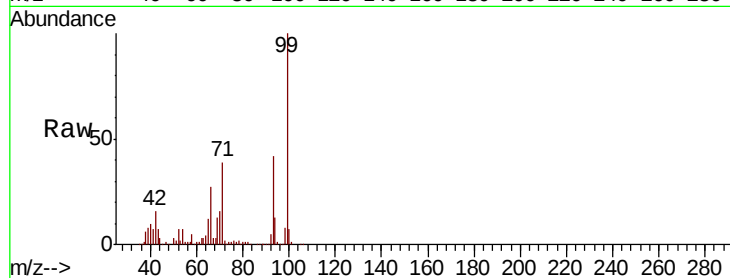
Tot Ion: 99 Resp: 792997

Ion Ratio Lower Upper

99 100

42 15.8 12.6 18.8

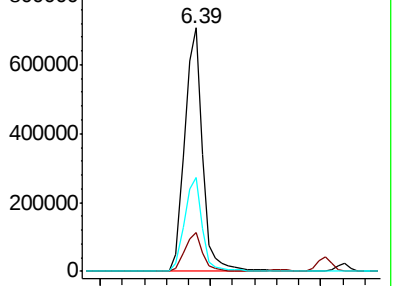
71 38.5 31.0 46.4



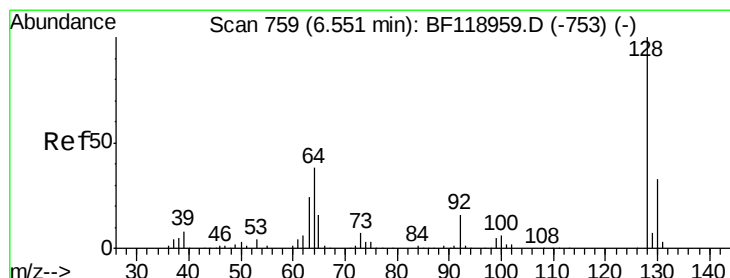
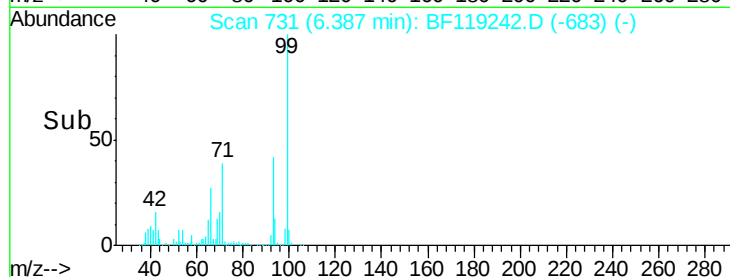
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 40.613 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

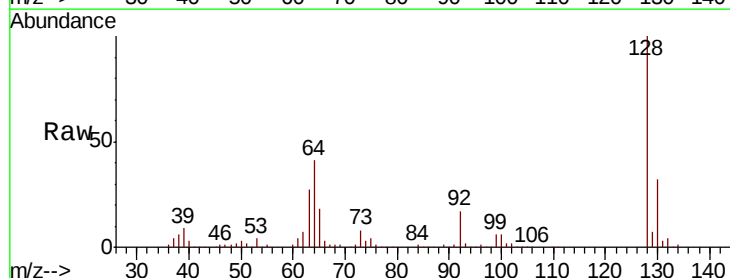
Tgt Ion: 128 Resp: 359233

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

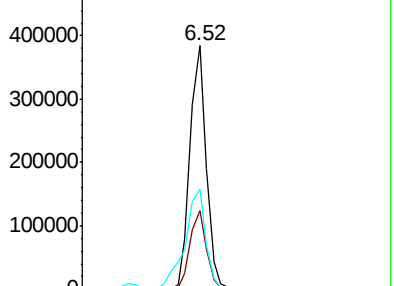
64 41.0 22.3 62.3



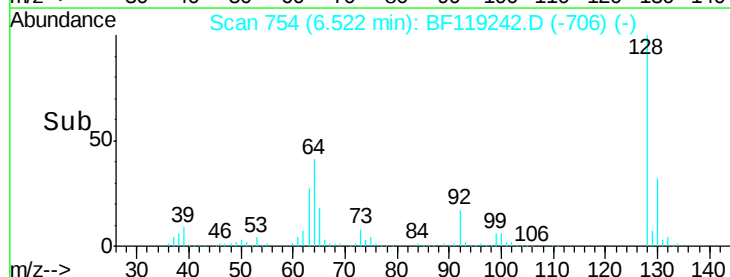
Abundance Ion 128.00 (127.70 to 128.70): E

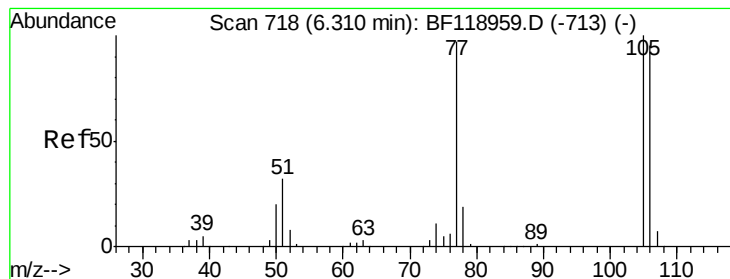
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 34.984 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

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ClientSampleId :

SSTDCCC040

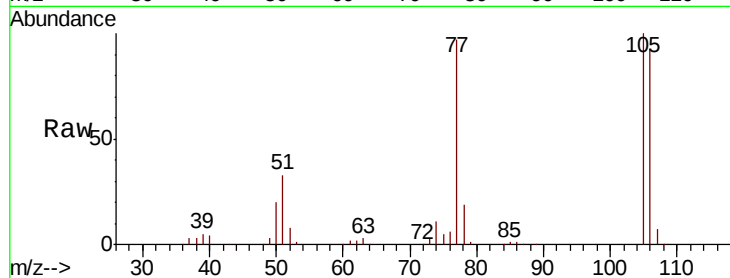
Tot Ion: 77 Resp: 232989

Ion Ratio Lower Upper

77 100

105 103.1 80.1 120.1

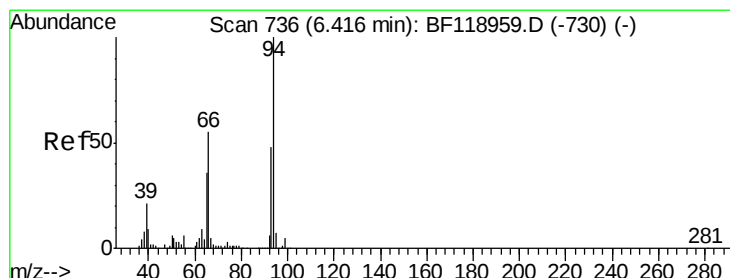
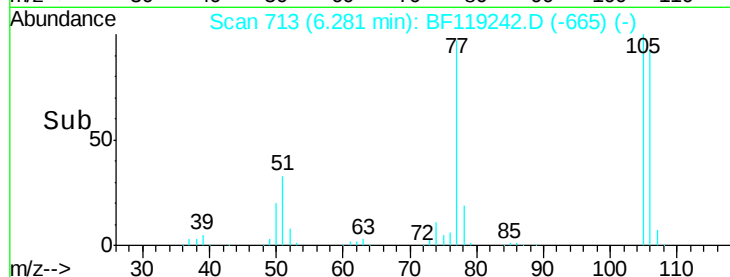
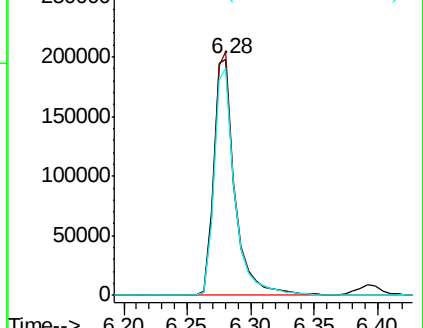
106 96.1 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.867 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

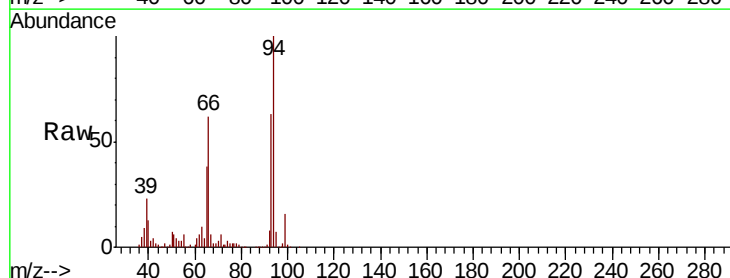
Tgt Ion: 94 Resp: 429659

Ion Ratio Lower Upper

94 100

65 37.6 19.2 59.2

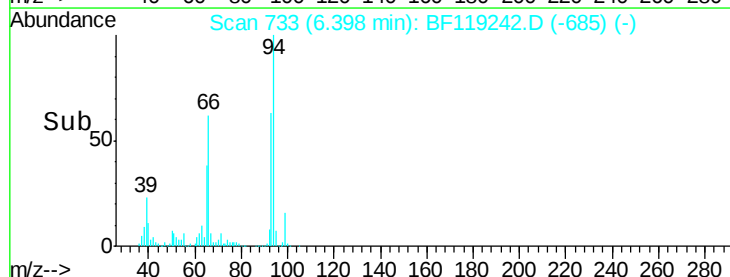
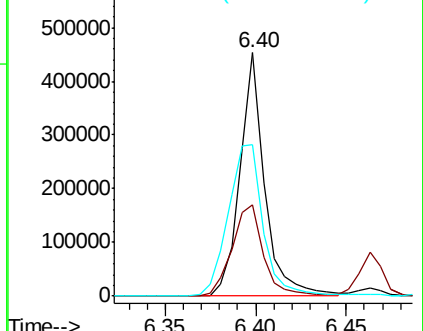
66 62.2 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

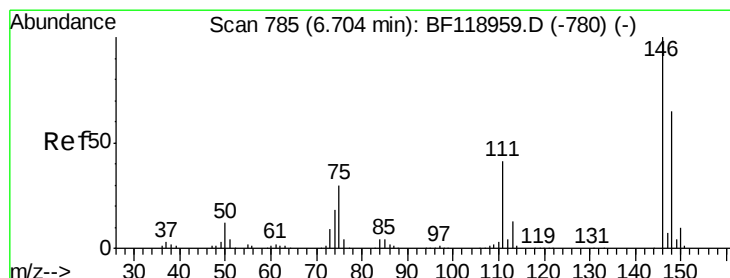
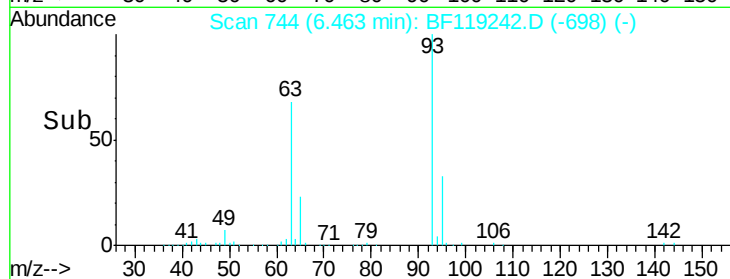
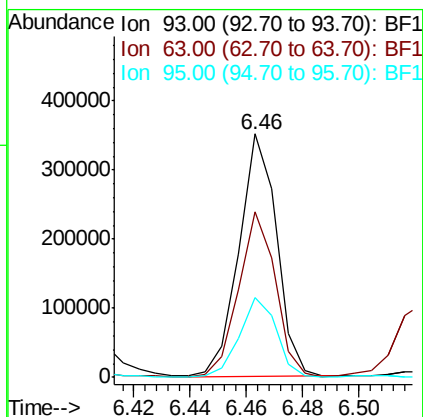
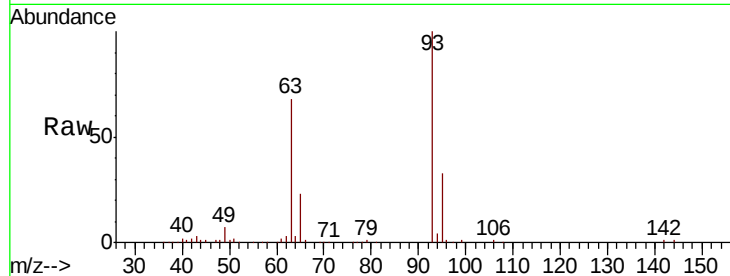




#11
bis(2-Chloroethyl)ether
Concen: 39.517 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

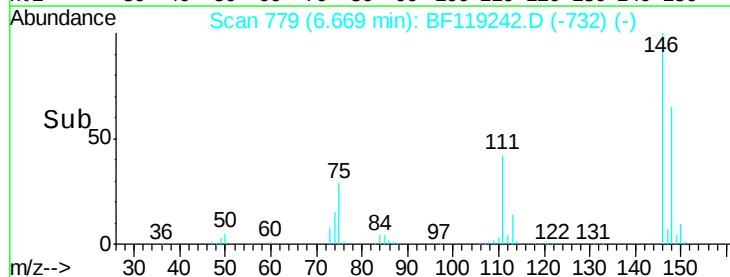
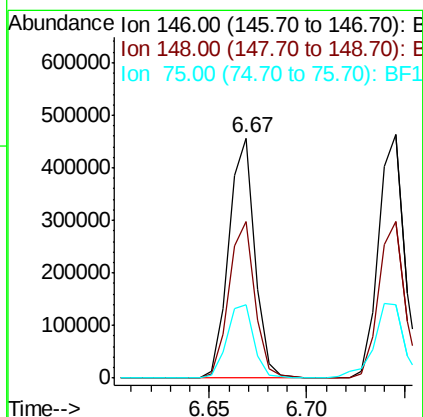
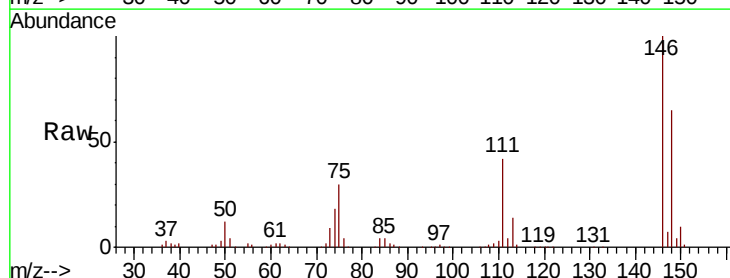
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

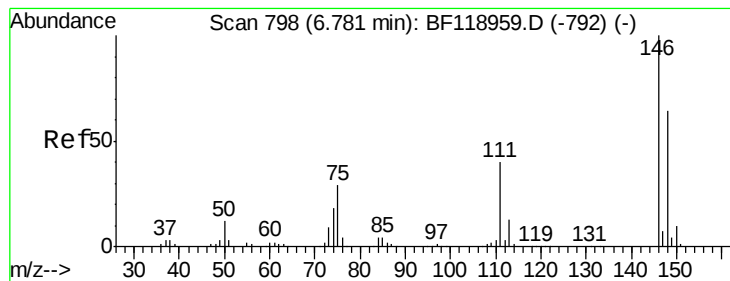
Tot Ion: 93 Resp: 325862
Ion Ratio Lower Upper
93 100
63 68.1 45.4 85.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.872 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion: 146 Resp: 422704
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 30.3 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 40.564 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

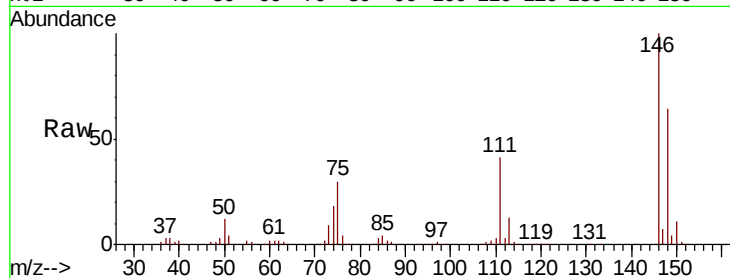
Tot Ion:146 Resp: 430332

Ion Ratio Lower Upper

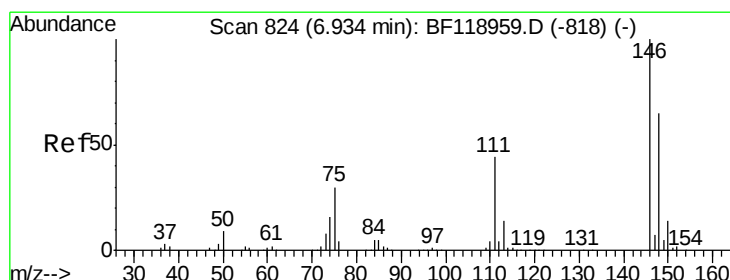
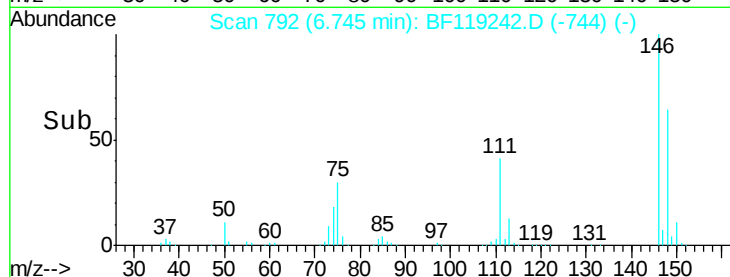
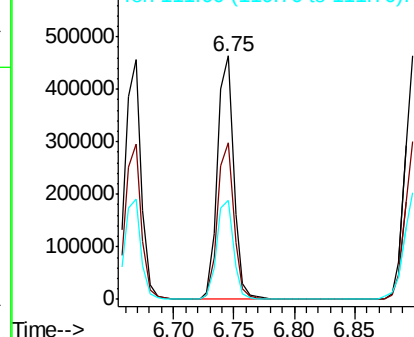
146 100

148 64.4 51.1 76.7

111 40.6 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 40.512 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

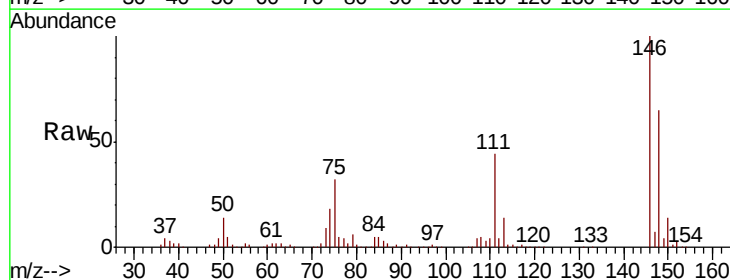
Tgt Ion:146 Resp: 391964

Ion Ratio Lower Upper

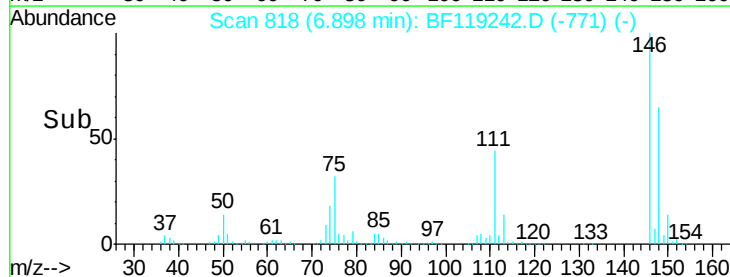
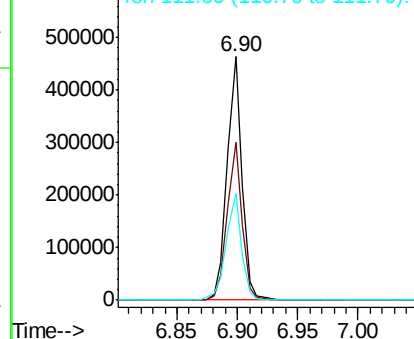
146 100

148 64.6 51.9 77.9

111 44.1 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 40.524 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

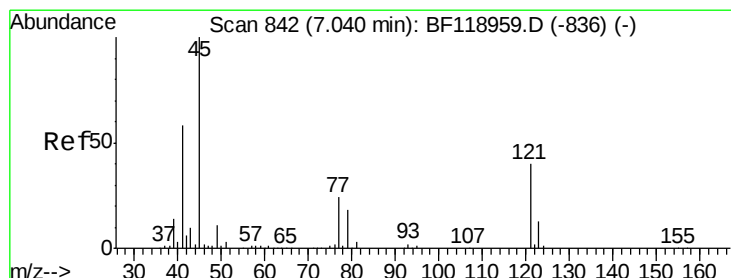
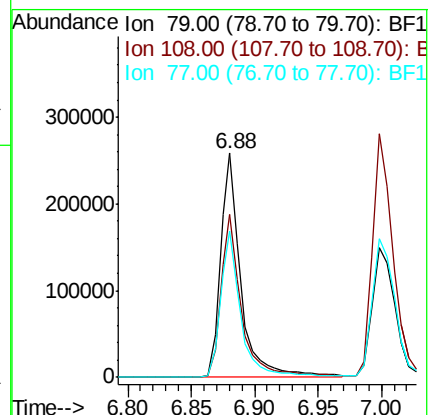
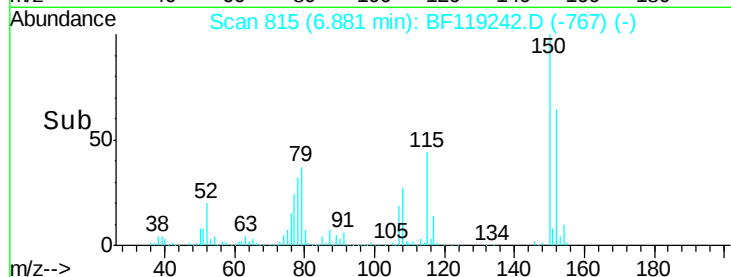
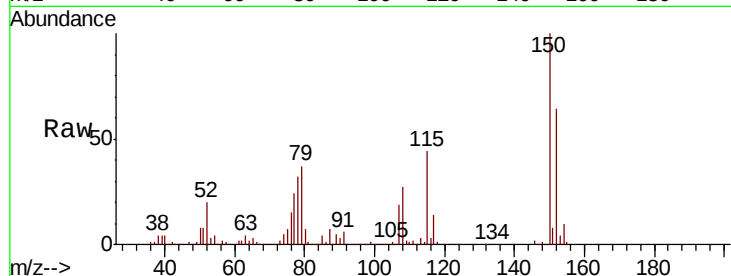
Tot Ion: 79 Resp: 291943

Ion Ratio Lower Upper

79 100

108 72.9 58.2 87.2

77 65.2 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.750 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

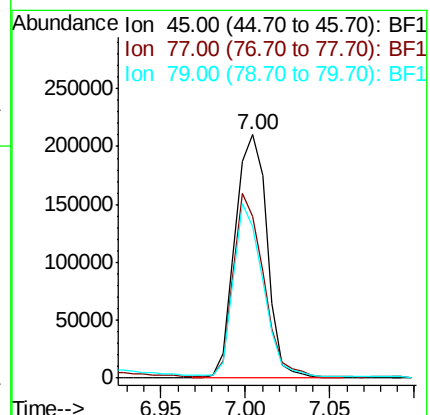
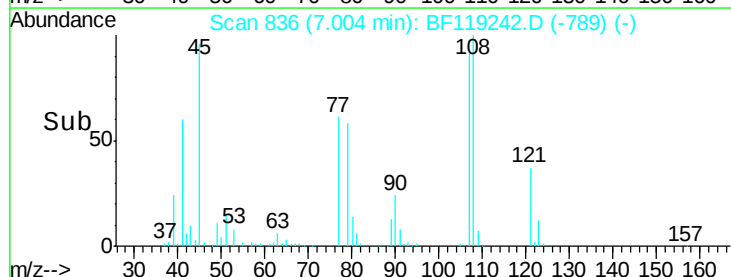
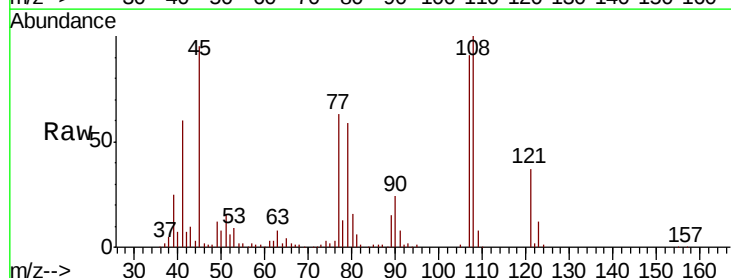
Tgt Ion: 45 Resp: 276801

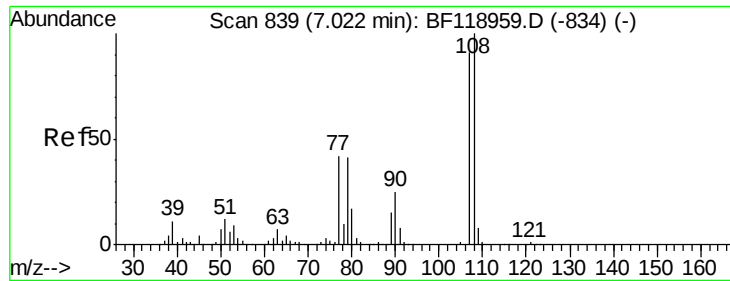
Ion Ratio Lower Upper

45 100

77 66.3 15.0 55.0#

79 62.5 9.4 49.4#

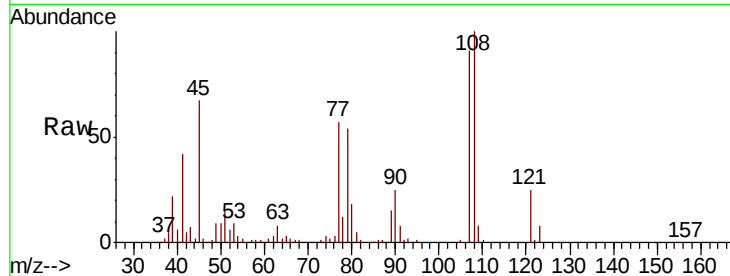




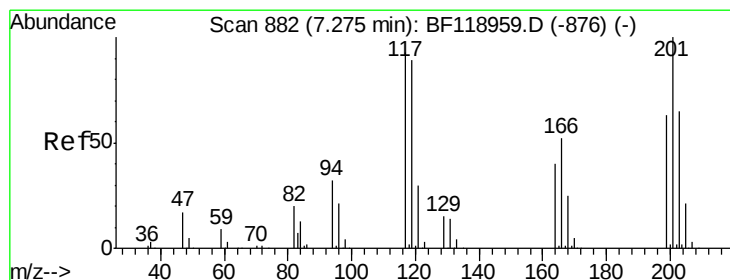
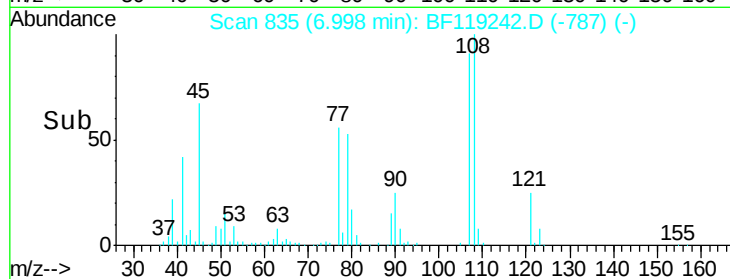
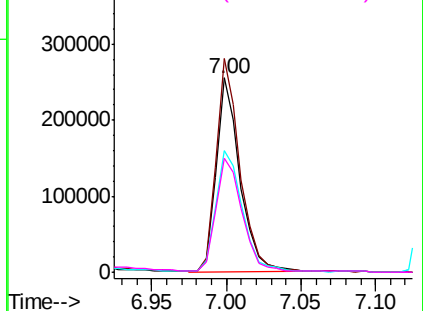
#17
2-Methylphenol
Concen: 39.283 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 281711
Ion Ratio Lower Upper
107 100
108 109.9 87.9 131.9
77 62.4 45.3 67.9
79 58.8 43.0 64.4

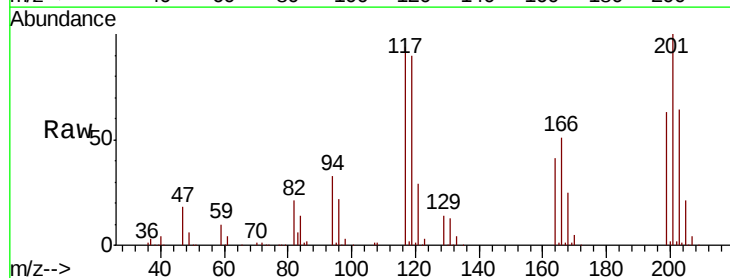


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

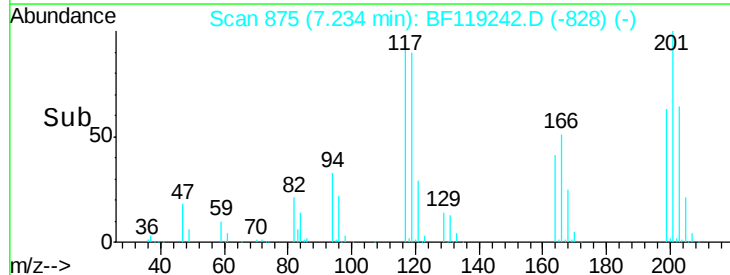
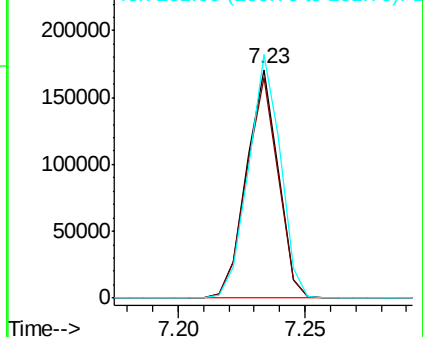


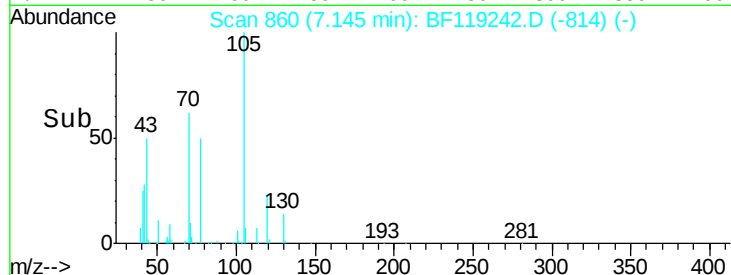
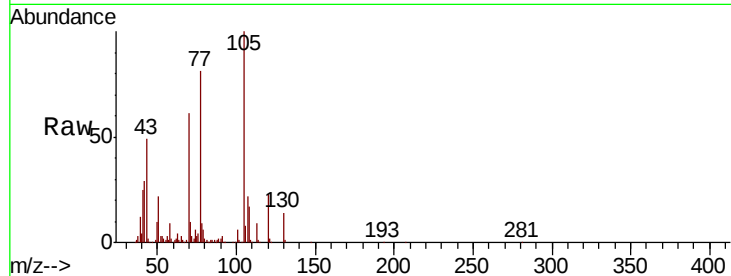
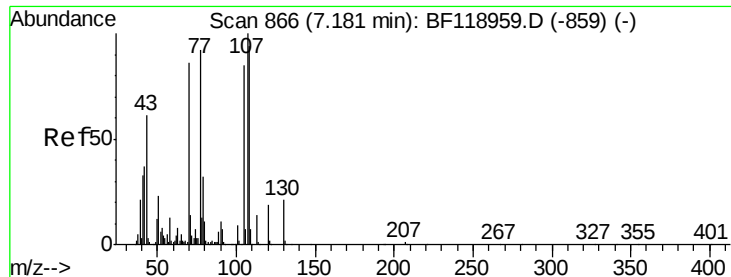
#18
Hexachloroethane
Concen: 39.169 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:117 Resp: 148665
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 106.6 82.6 123.8



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

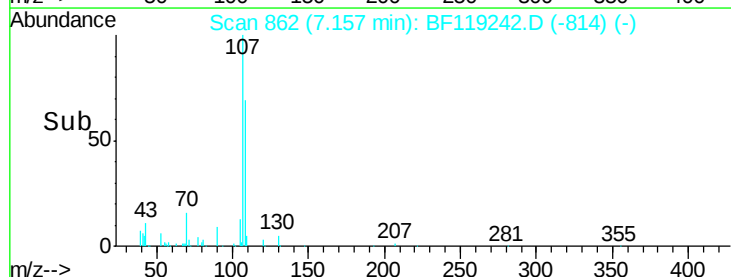
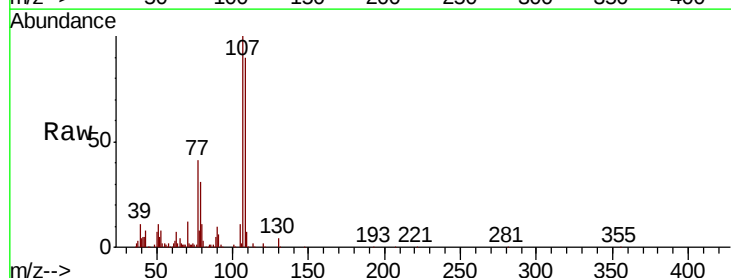
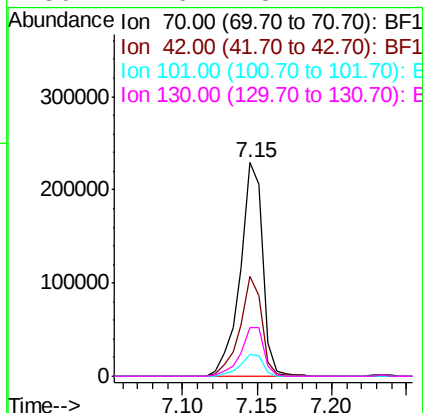




#19
n-Nitroso-di-n-propylamine
Concen: 41.450 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

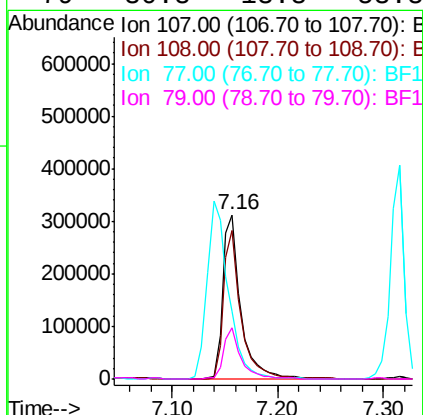
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

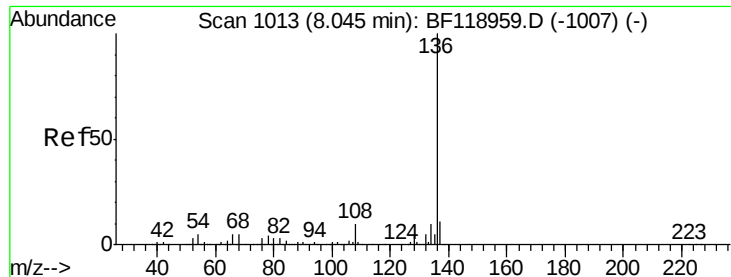
Tot Ion:	70	Resp:	240758
Ion	Ratio	Lower	Upper
70	100		
42	46.8	38.0	57.0
101	10.2	8.2	12.4
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.862 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:	107	Resp:	367794
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	41.1	45.9	85.9#
79	30.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 495148

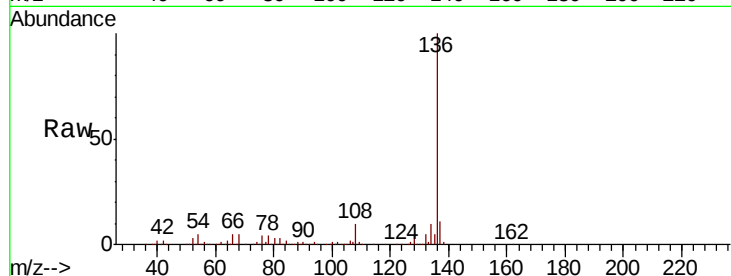
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.7 3.8 5.6

68 4.8 3.9 5.9

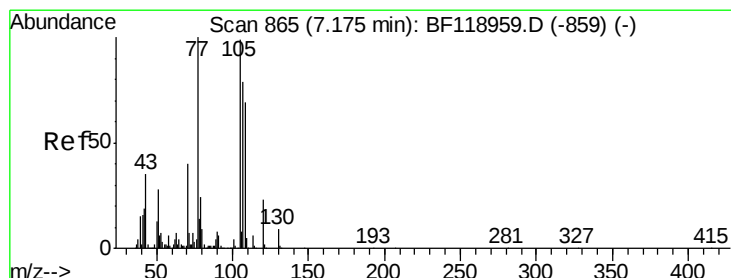
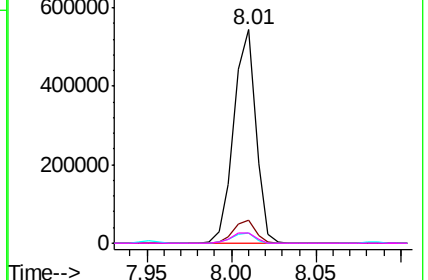
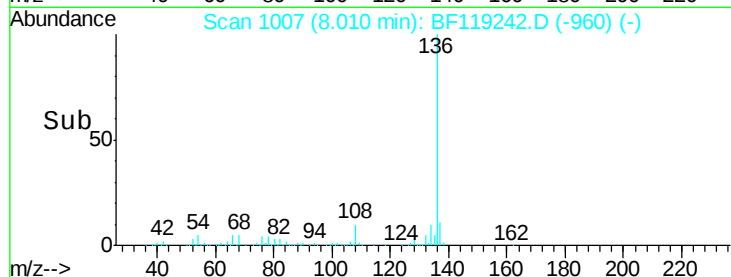


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.549 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Tgt Ion:105 Resp: 476002

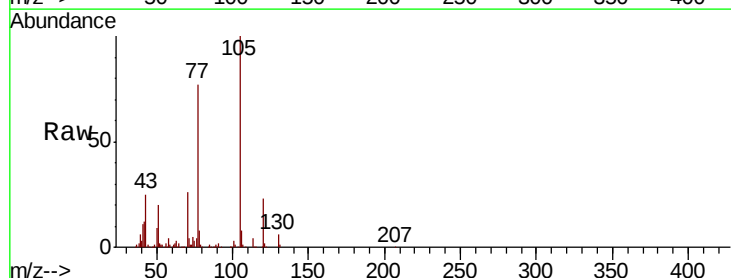
Ion Ratio Lower Upper

105 100

71 4.5 3.0 4.4#

51 20.4 20.1 30.1

120 22.7 18.0 27.0

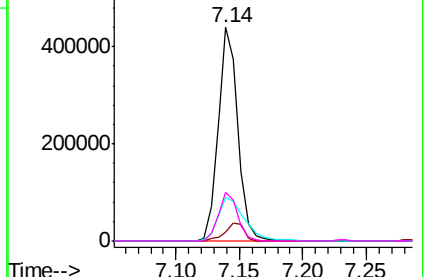
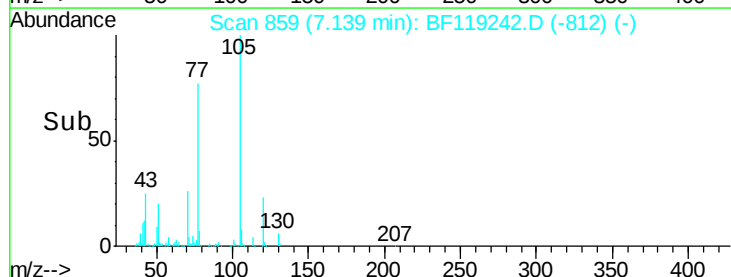


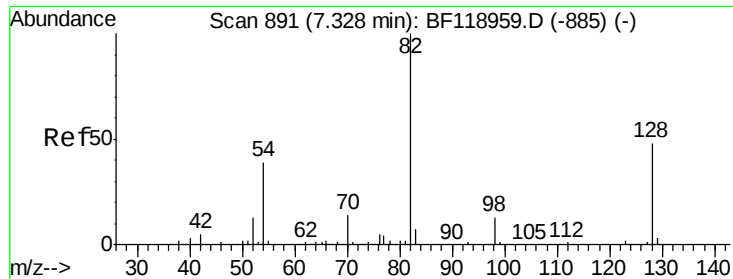
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

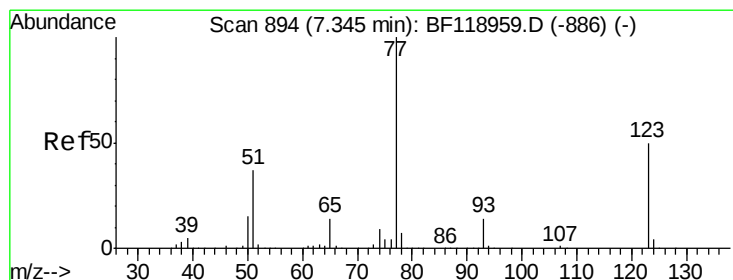
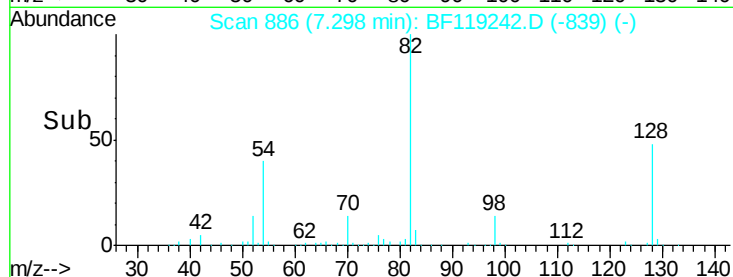
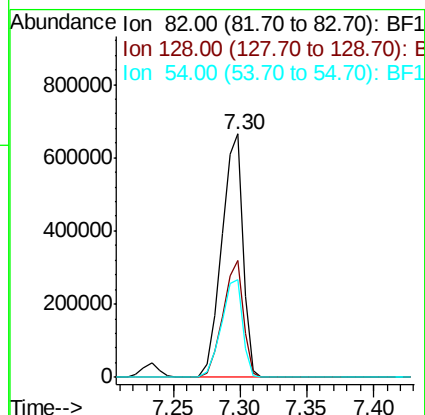
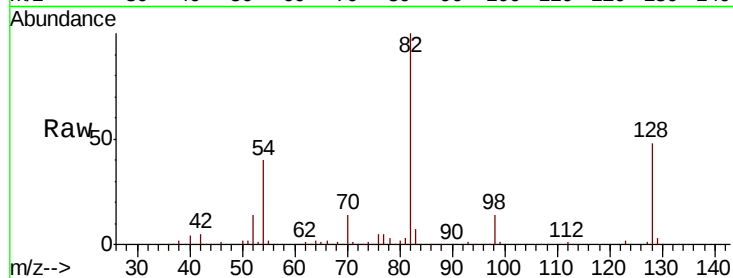




#23
 Nitrobenzene-d5
 Concen: 80.014 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

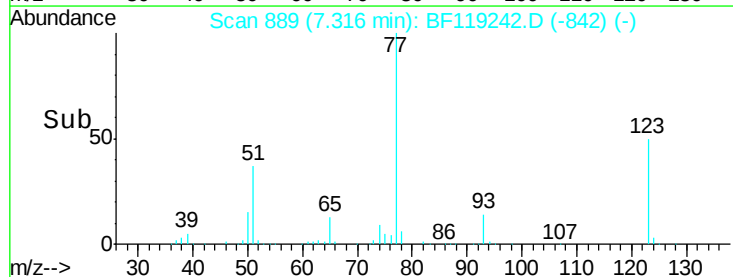
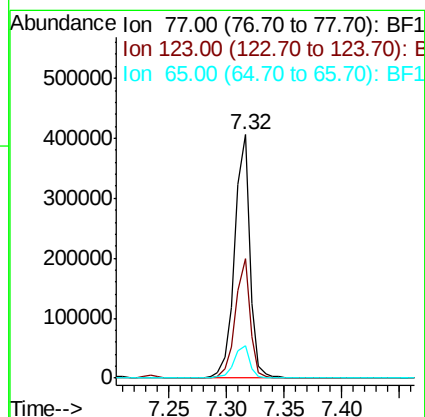
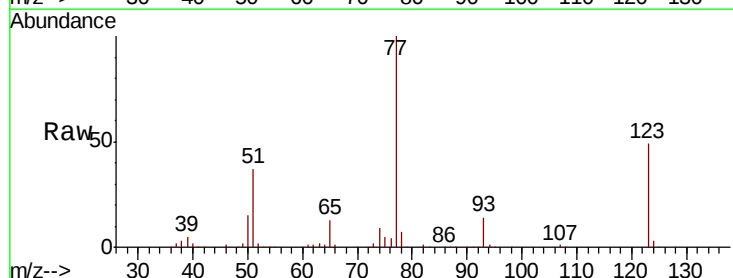
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 750358
 Ion Ratio Lower Upper
 82 100
 128 48.0 37.9 56.9
 54 40.3 33.4 50.2



#24
 Nitrobenzene
 Concen: 40.020 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion: 77 Resp: 371136
 Ion Ratio Lower Upper
 77 100
 123 49.3 40.2 60.2
 65 13.3 10.8 16.2





#25

Isophorone

Concen: 38.414 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

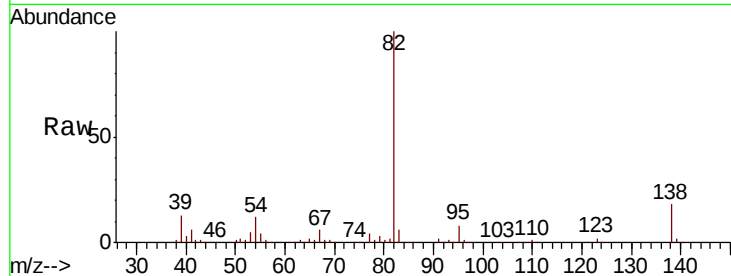
Tot Ion: 82 Resp: 625625

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

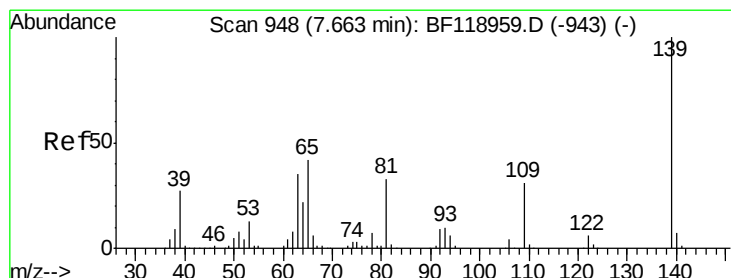
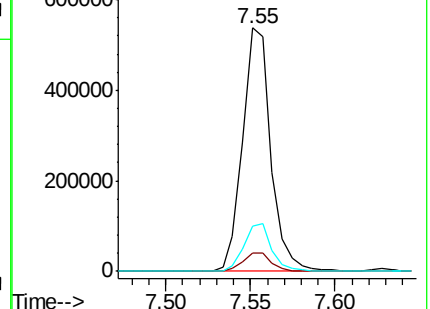
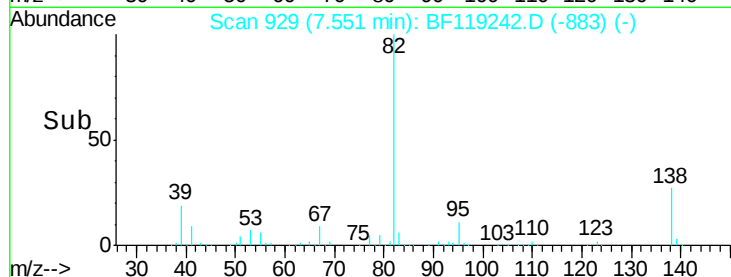
138 18.4 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.902 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

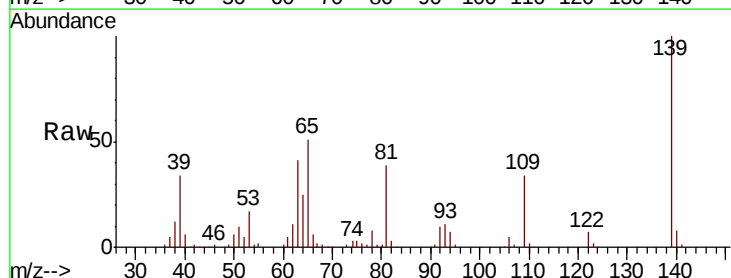
Tgt Ion: 139 Resp: 191149

Ion Ratio Lower Upper

139 100

109 33.7 25.7 38.5

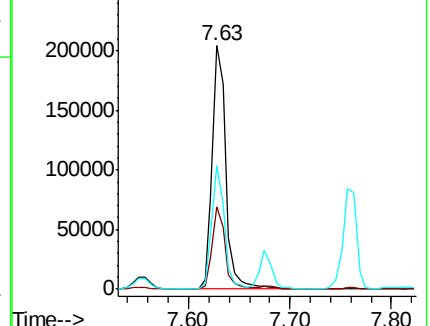
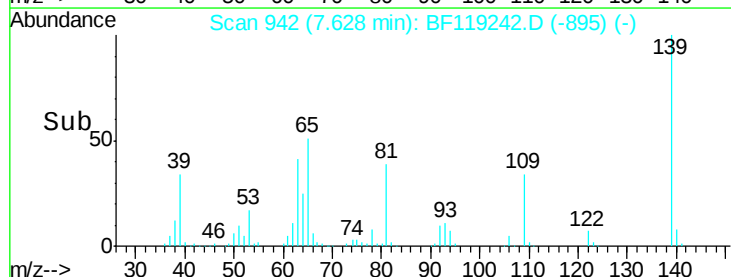
65 50.7 37.1 55.7

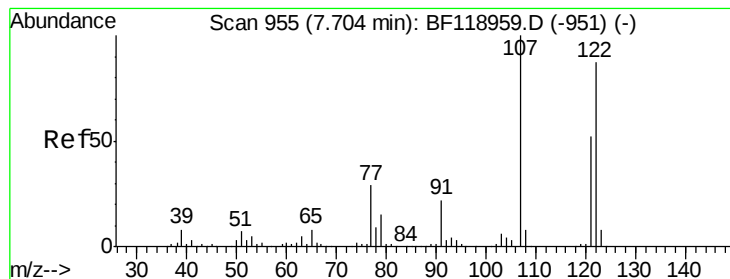


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.642 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

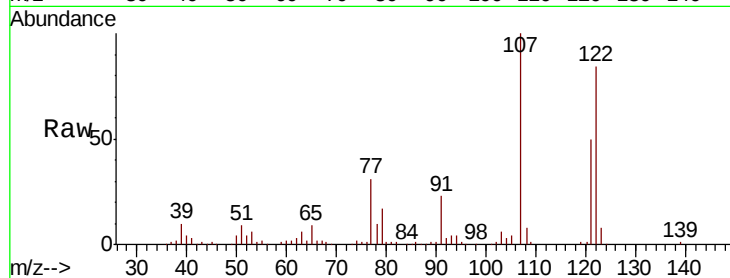
Tot Ion:122 Resp: 257691

Ion Ratio Lower Upper

122 100

107 119.3 93.8 140.6

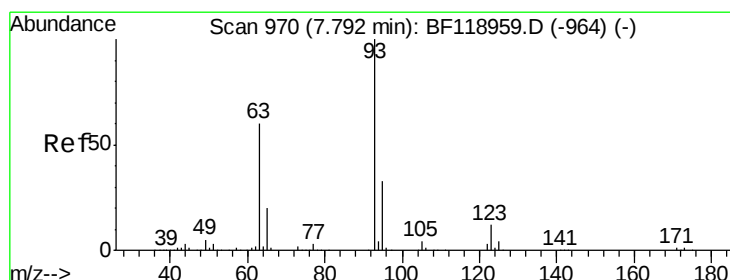
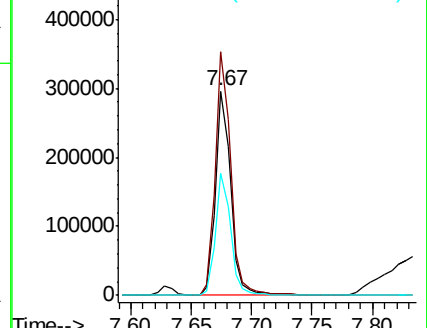
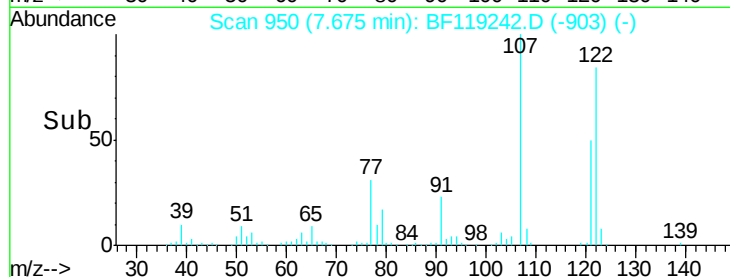
121 59.5 48.2 72.2



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: 38.751 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

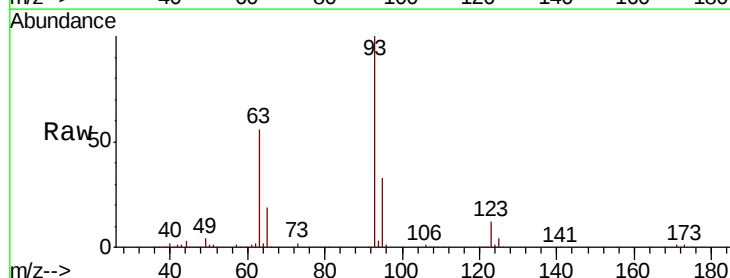
Tgt Ion: 93 Resp: 410795

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

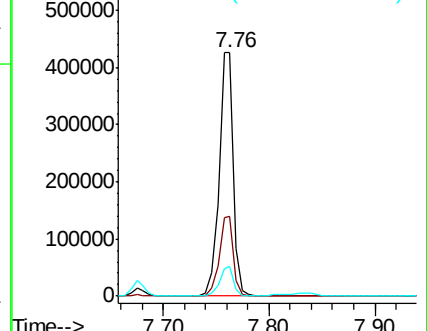
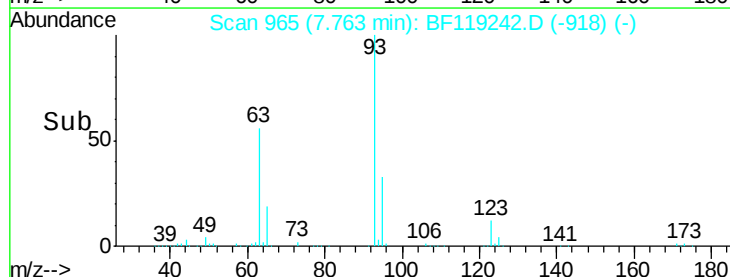
123 12.4 10.2 15.2

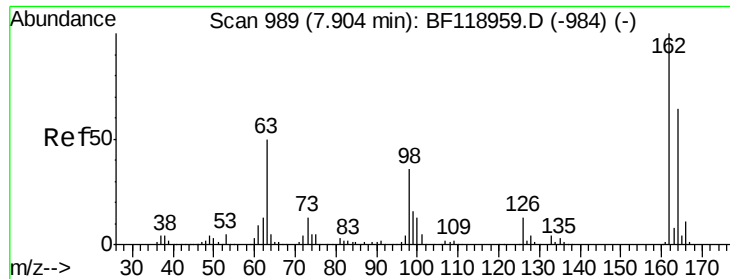


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

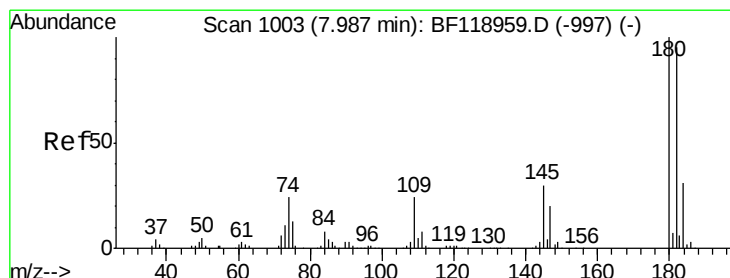
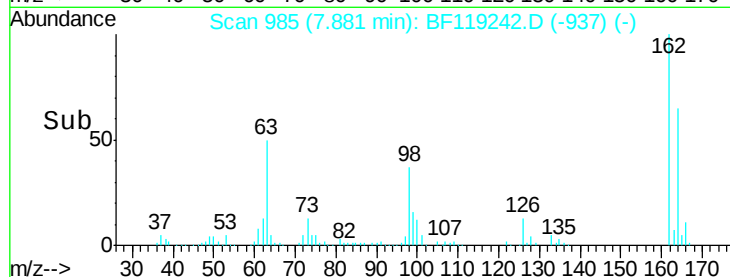
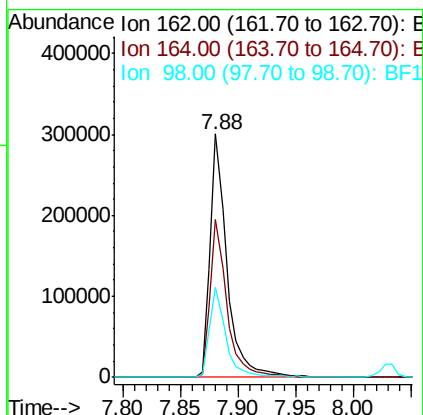
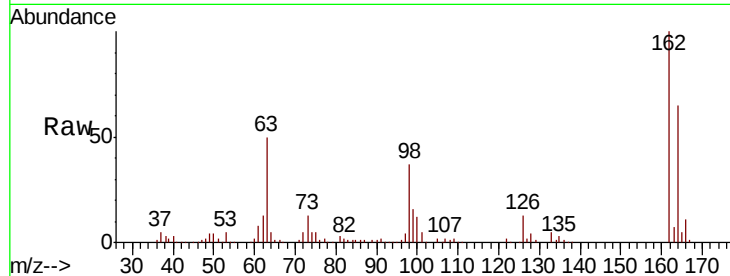




#29
2,4-Dichlorophenol
Concen: 38.891 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

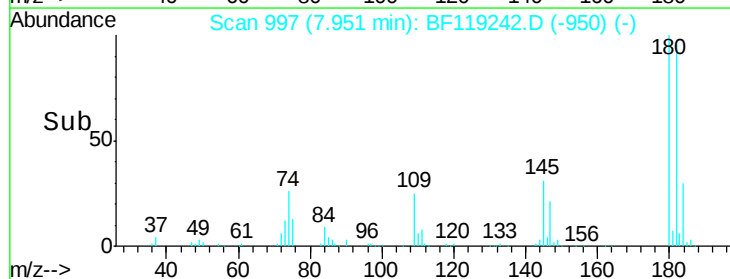
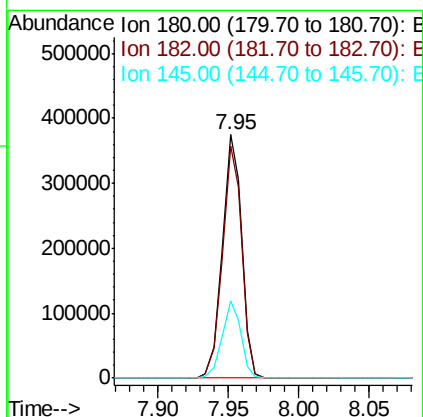
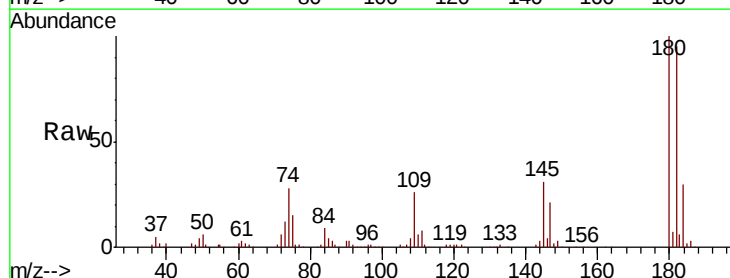
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.2	85.2
98	36.8	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 38.301 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.8	116.6
145	31.5	25.2	37.8





#31

Naphthalene

Concen: 38.981 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

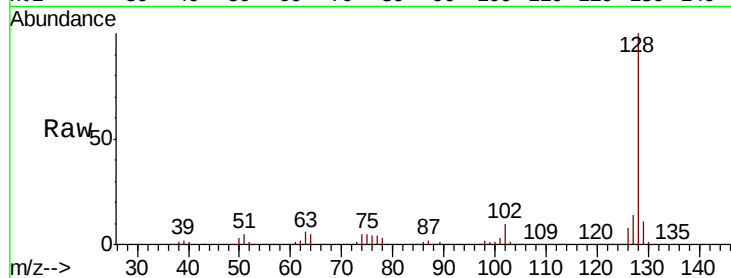
Tot Ion:128 Resp: 1000993

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

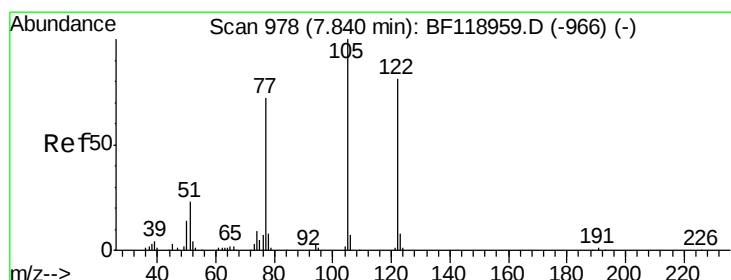
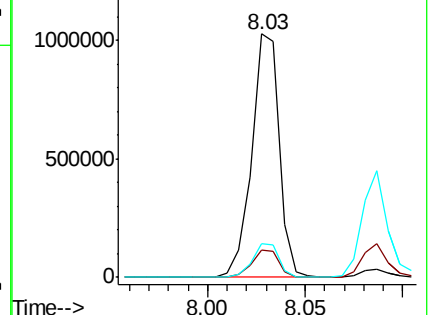
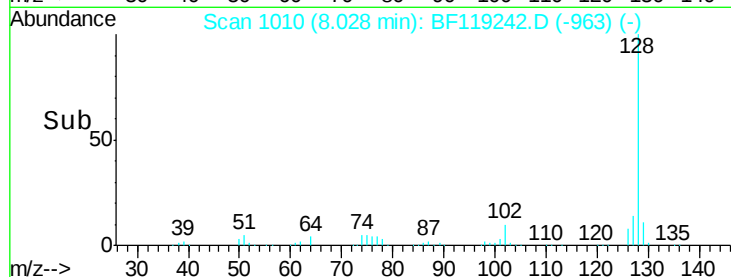
127 13.6 11.4 17.2



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: 34.640 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

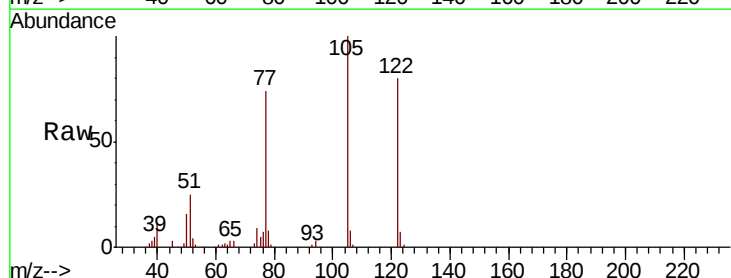
Tgt Ion:122 Resp: 158046

Ion Ratio Lower Upper

122 100

105 124.9 106.3 146.3

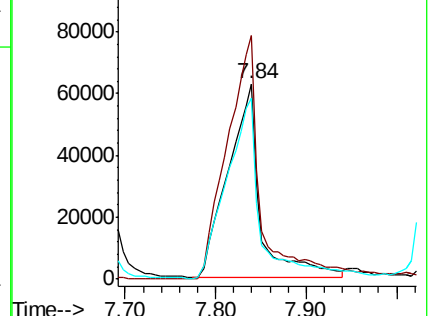
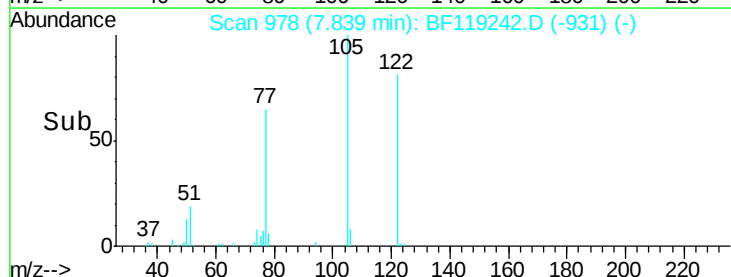
77 92.7 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

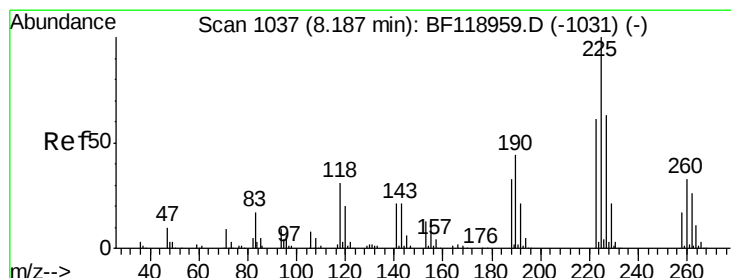
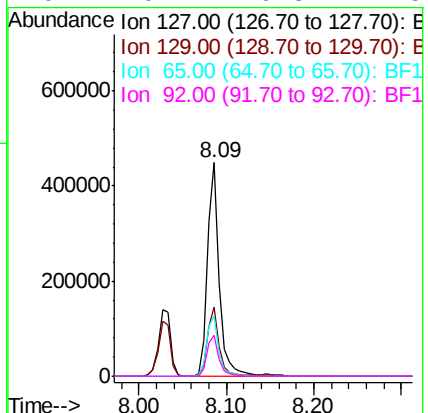
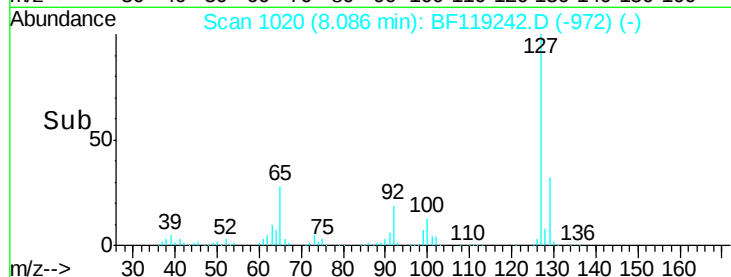
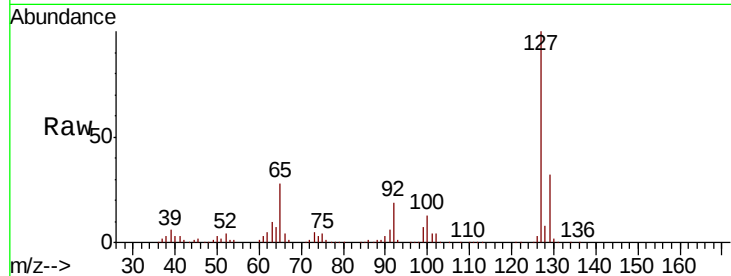




#33
4-Chloroaniline
Concen: 38.068 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

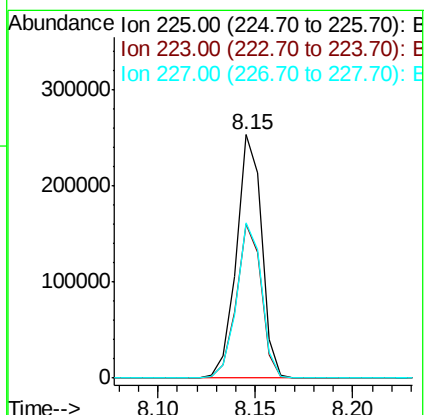
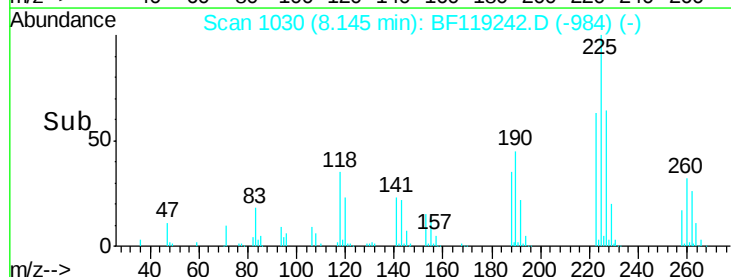
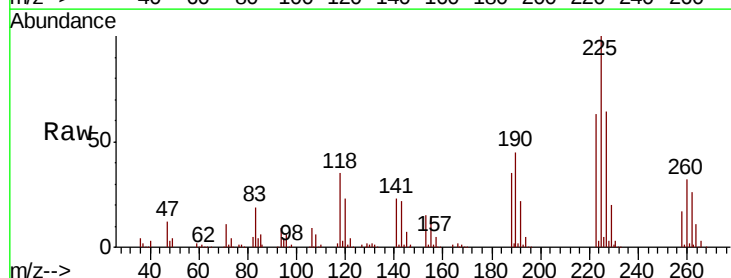
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

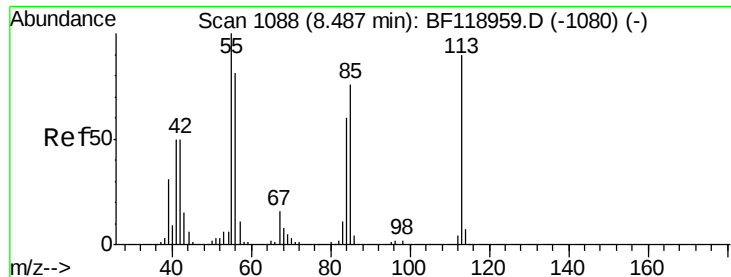
Tot Ion:	127	Resp:	420449
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.3	23.9	35.9
92	19.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.229 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:	225	Resp:	227446
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.6	52.9	79.3





#35

Caprolactam

Concen: 37.769 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.04 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

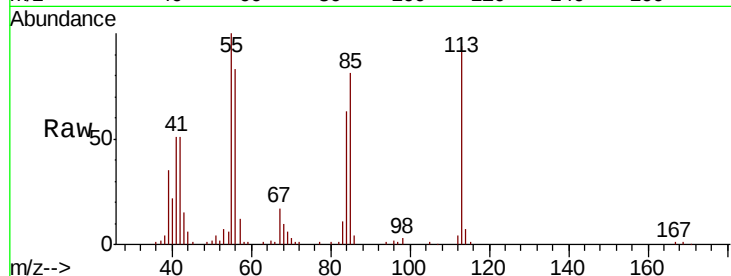
Tot Ion:113 Resp: 91301

Ion Ratio Lower Upper

113 100

55 105.9 95.7 135.7

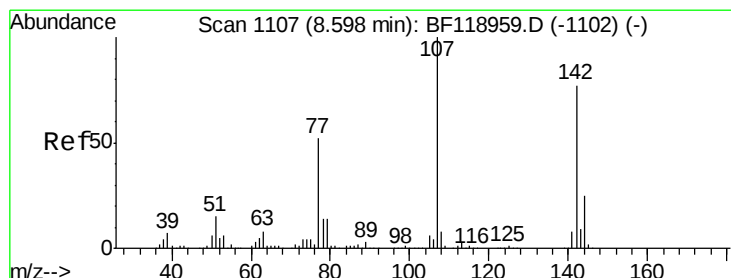
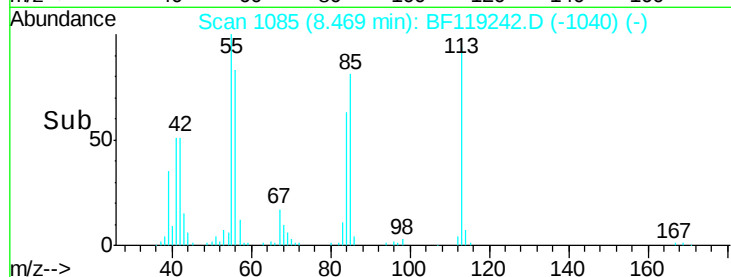
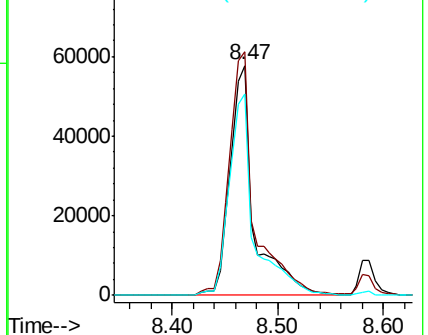
56 87.8 73.1 113.1



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: 38.856 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

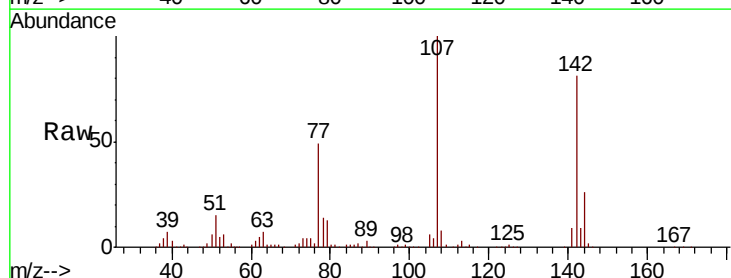
Tgt Ion:107 Resp: 308716

Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

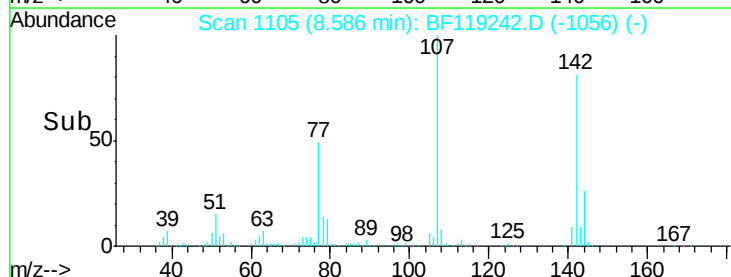
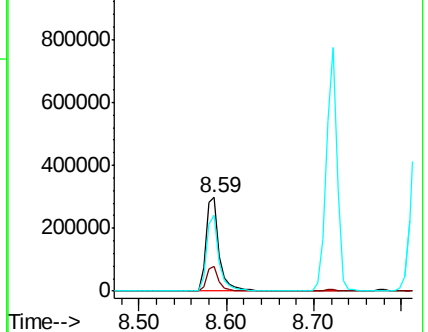
142 81.4 61.4 92.2

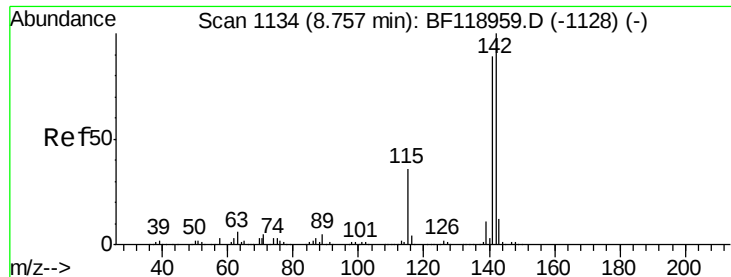


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

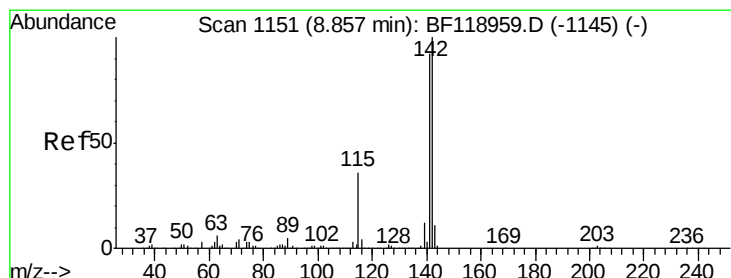
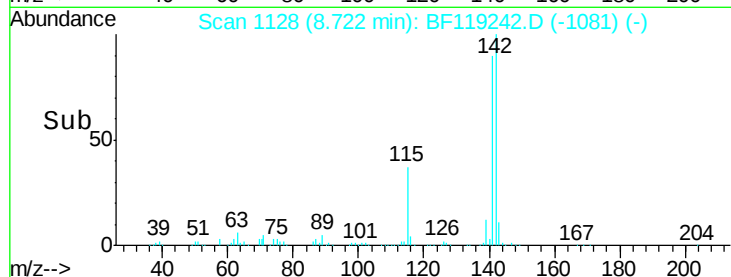
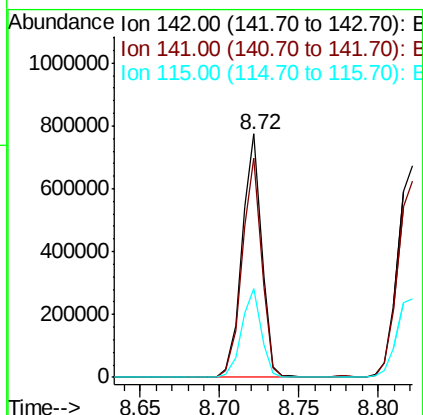
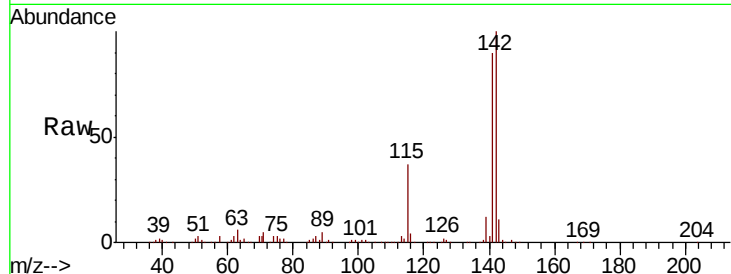




#37
2-Methylnaphthalene
Concen: 38.346 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

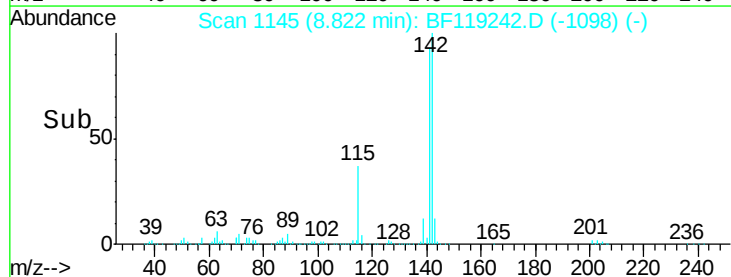
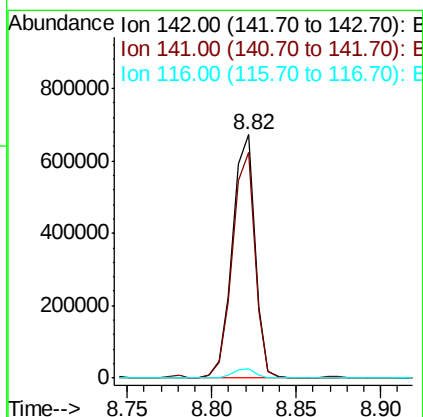
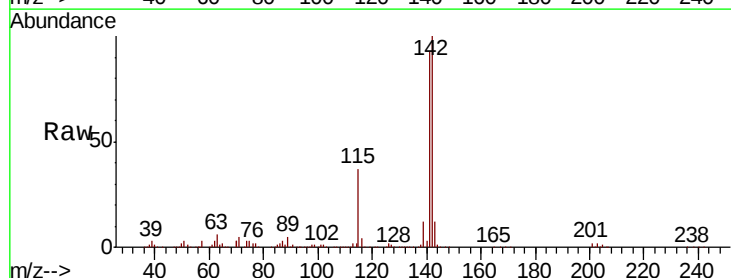
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

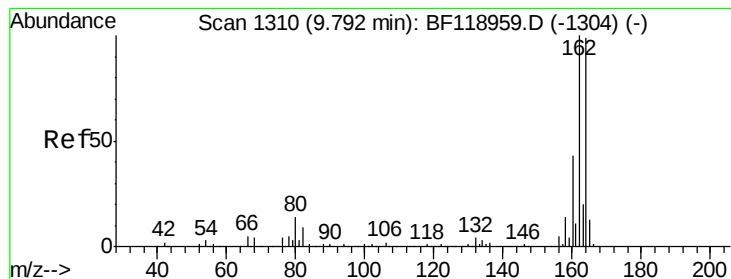
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	36.7	30.6	45.8



#38
1-Methylnaphthalene
Concen: 38.322 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

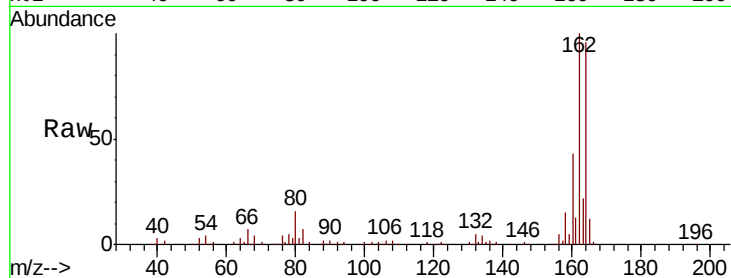
Tot Ion:164 Resp: 256096

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

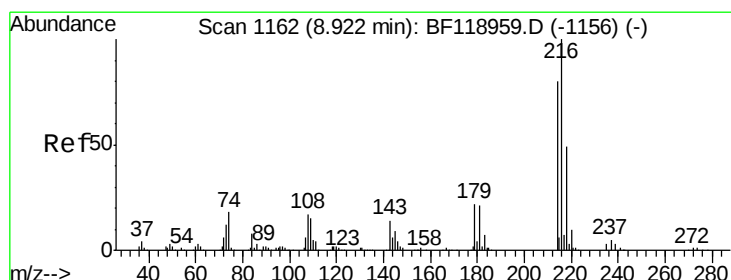
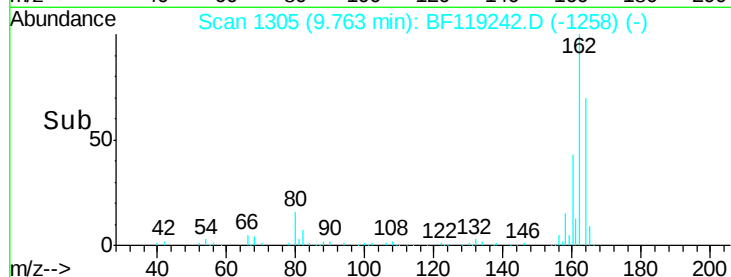
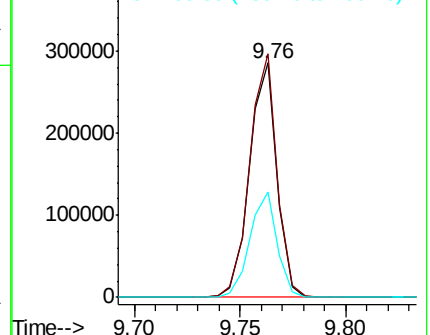
160 44.8 36.0 54.0



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: 40.211 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Tgt Ion:216 Resp: 347205

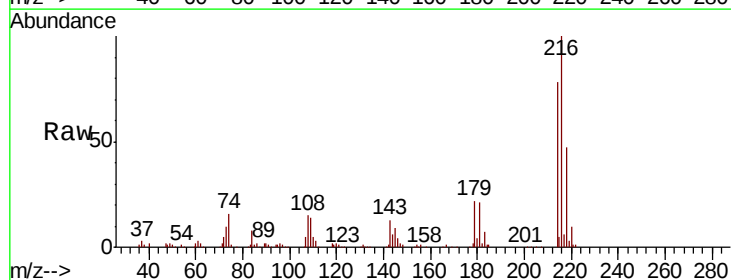
Ion Ratio Lower Upper

216 100

214 78.4 63.3 94.9

179 22.0 17.7 26.5

108 16.4 13.9 20.9

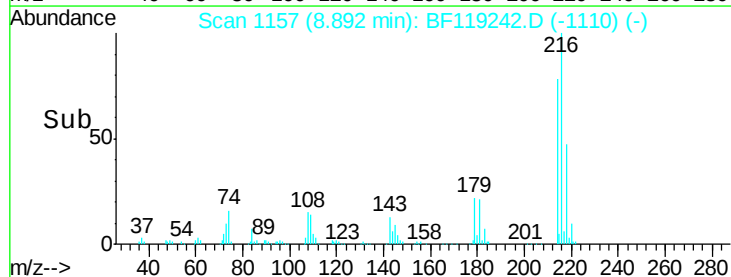
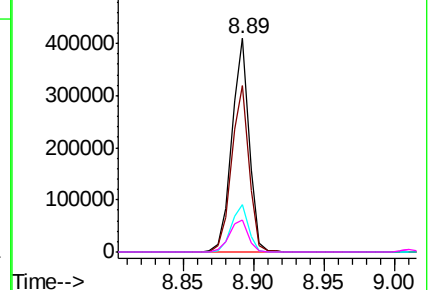


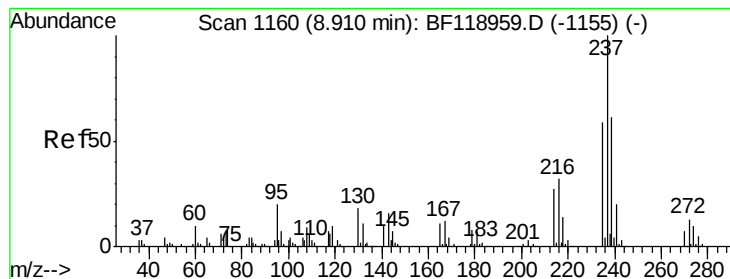
Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.242 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

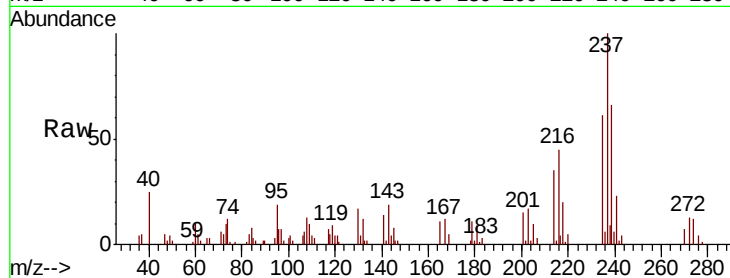
Tot Ion:237 Resp: 24384

Ion Ratio Lower Upper

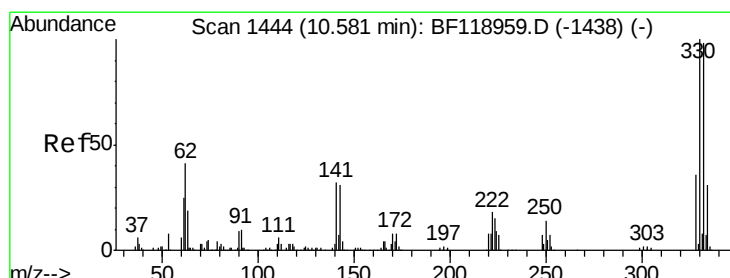
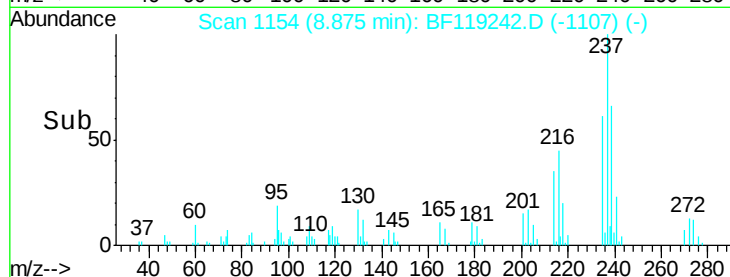
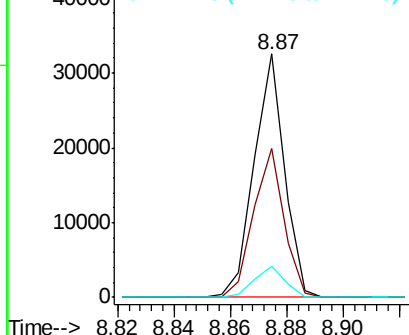
237 100

235 61.1 42.3 82.3

272 13.0 0.0 33.5



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: 69.710 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

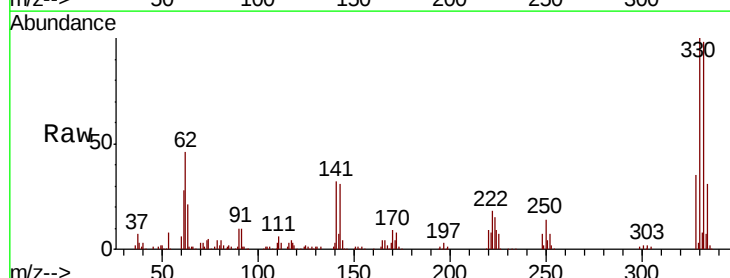
Tgt Ion:330 Resp: 233539

Ion Ratio Lower Upper

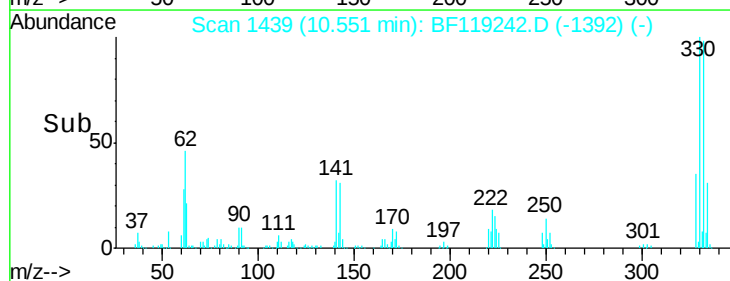
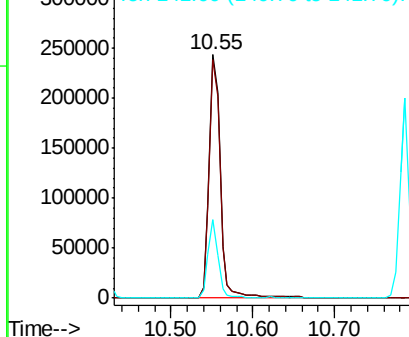
330 100

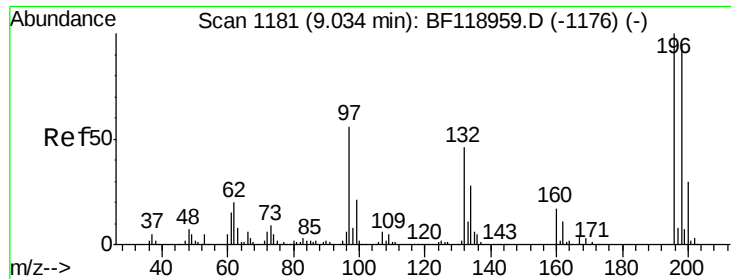
332 96.6 76.0 114.0

141 29.3 22.9 34.3



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

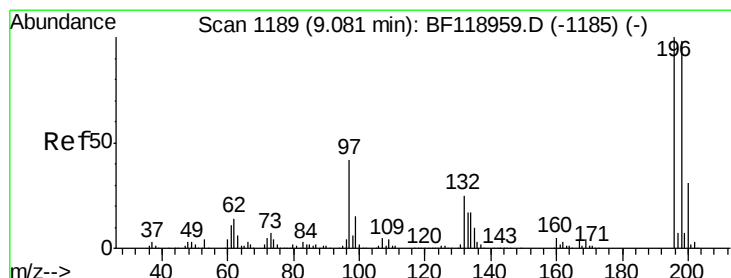
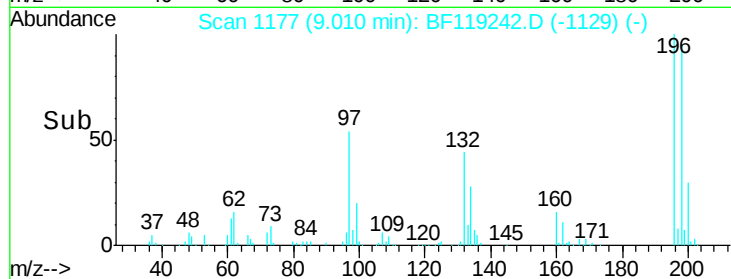
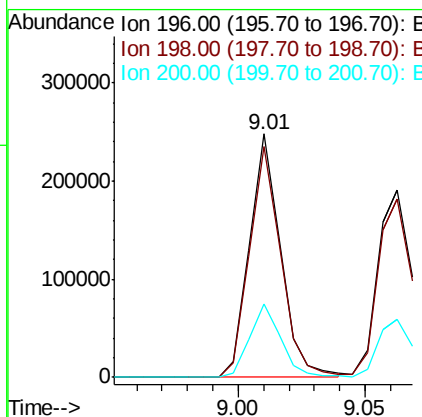
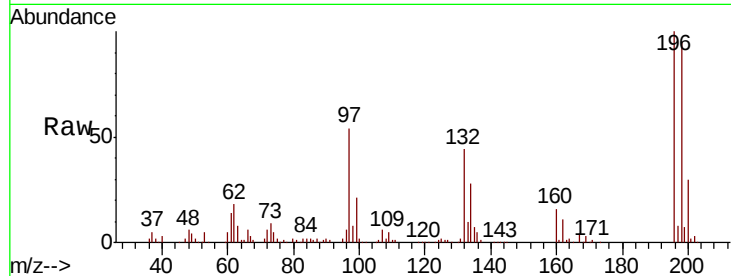




#43
 2,4,6-Trichlorophenol
 Concen: 39.247 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

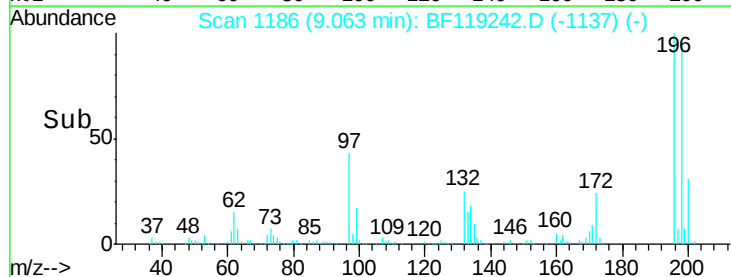
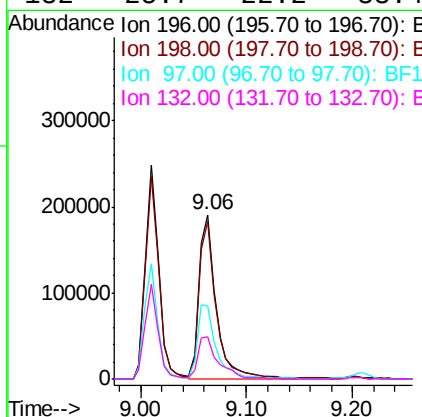
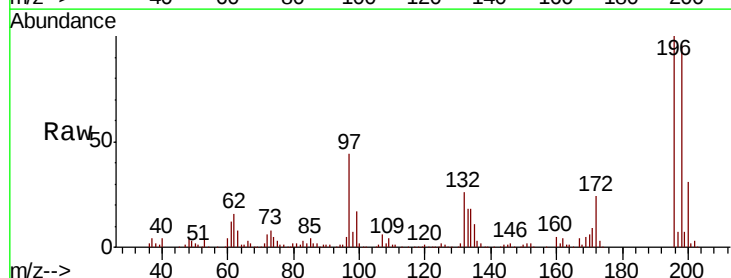
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

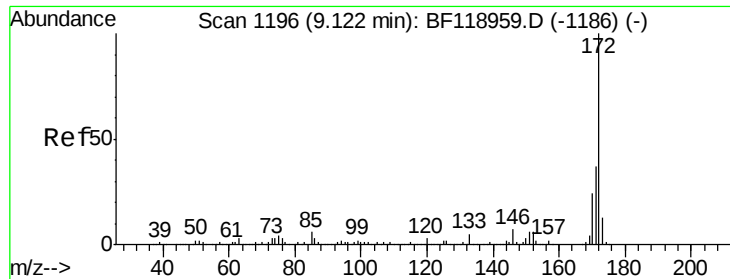
Tot Ion:196 Resp: 213999
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 200 30.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.147 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:196 Resp: 212548
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 44.3 38.5 57.7
 132 25.7 22.2 33.4

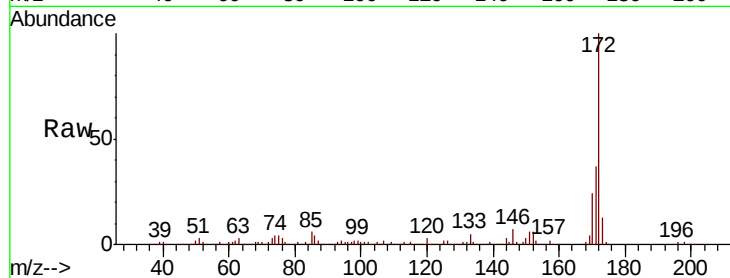




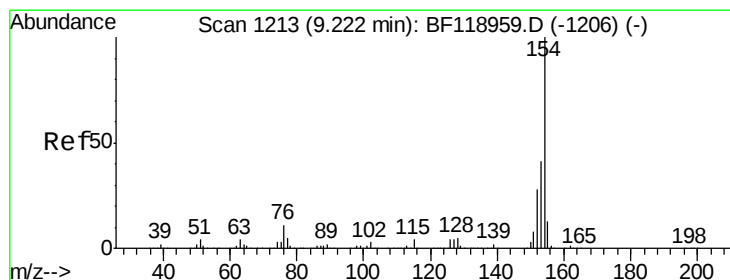
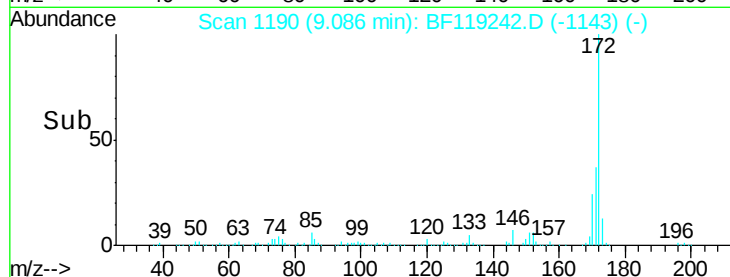
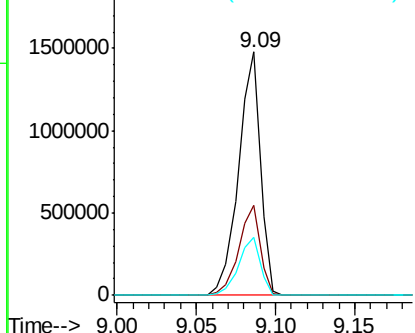
#45
2-Fluorobiphenyl
Concen: 80.809 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1404776
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.1 20.2 30.2

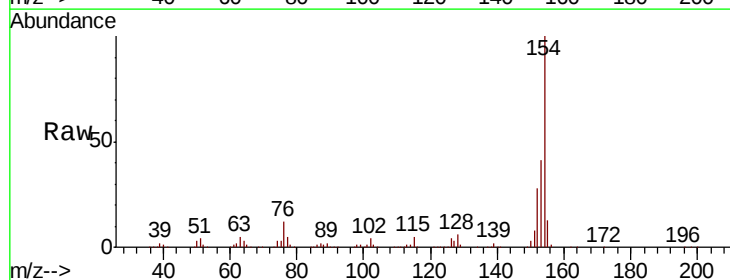


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

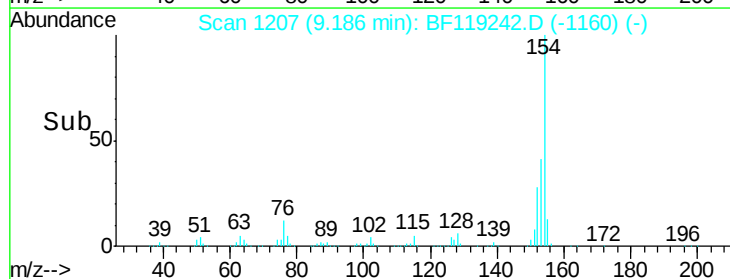
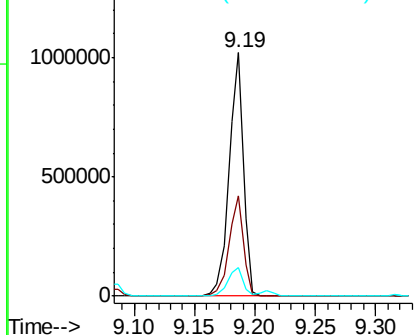


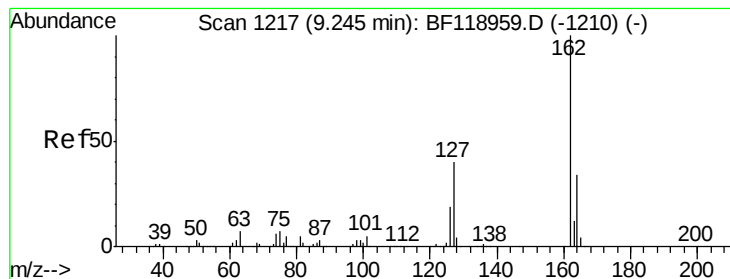
#46
1,1'-Biphenyl
Concen: 40.588 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:154 Resp: 840080
Ion Ratio Lower Upper
154 100
153 41.1 22.8 62.8
76 11.5 0.0 32.2



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: 40.145 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

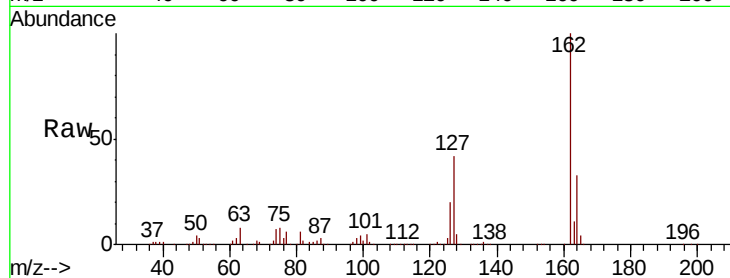
Tot Ion:162 Resp: 669592

Ion Ratio Lower Upper

162 100

127 42.3 35.0 52.4

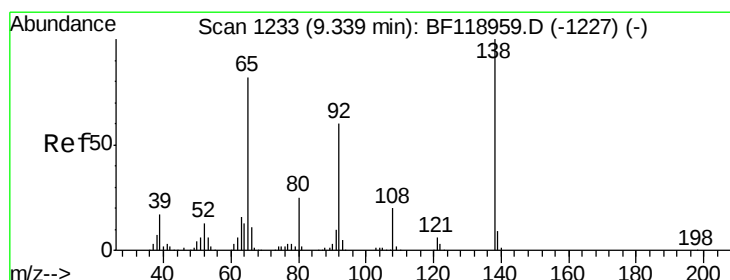
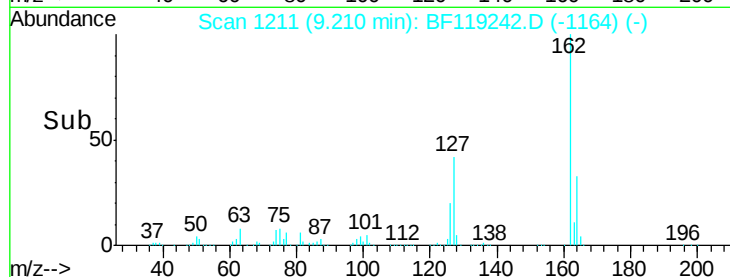
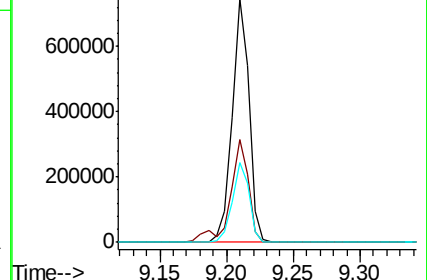
164 33.0 27.2 40.8



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: 40.811 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

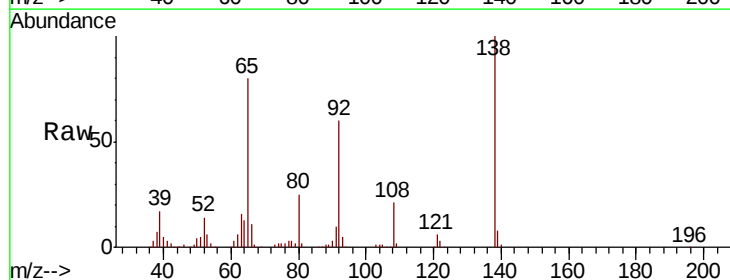
Tgt Ion: 65 Resp: 189857

Ion Ratio Lower Upper

65 100

92 74.7 58.2 87.2

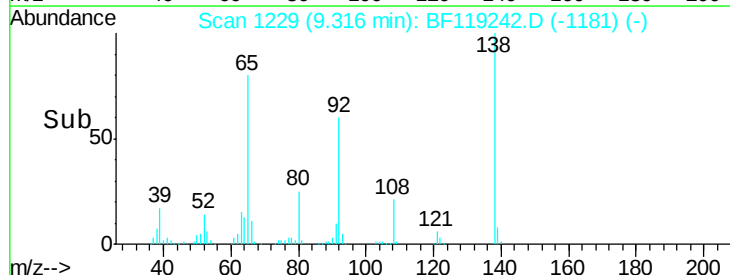
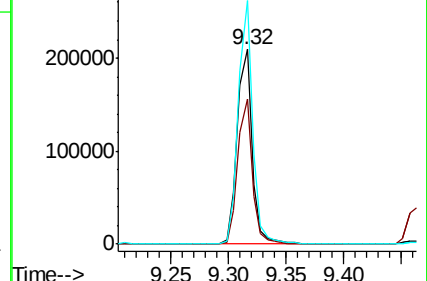
138 124.9 95.6 143.4

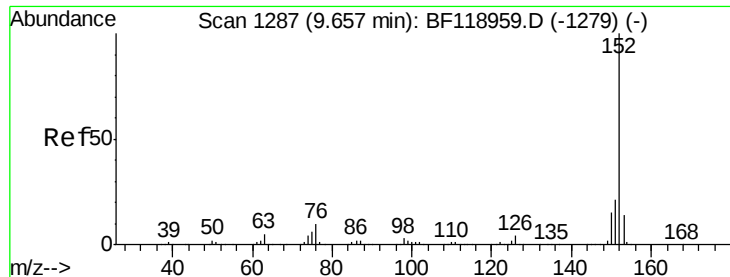


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.928 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

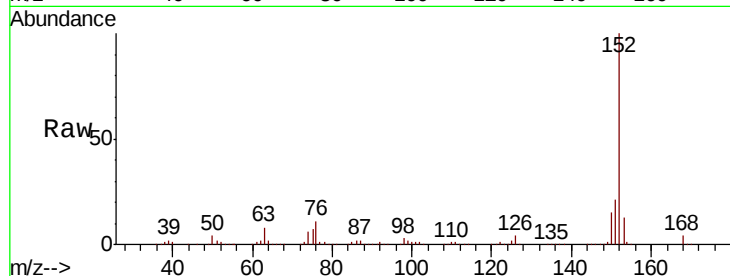
Tot Ion:152 Resp: 937775

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

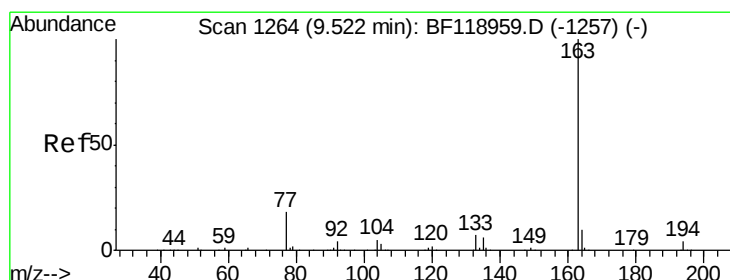
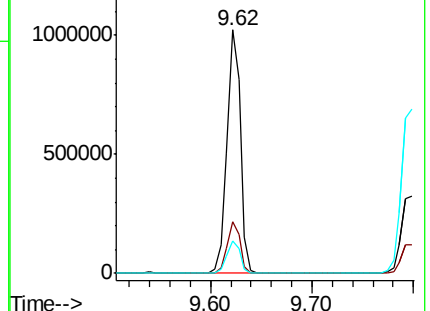
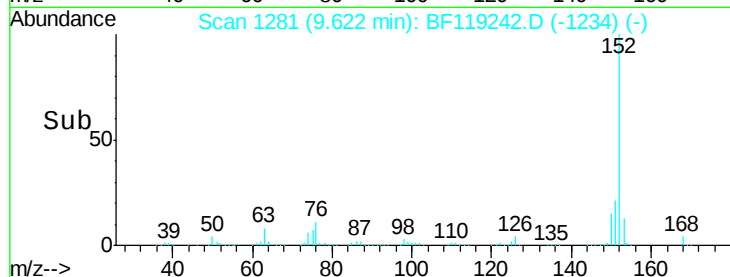
153 13.3 11.0 16.6



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: 40.328 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

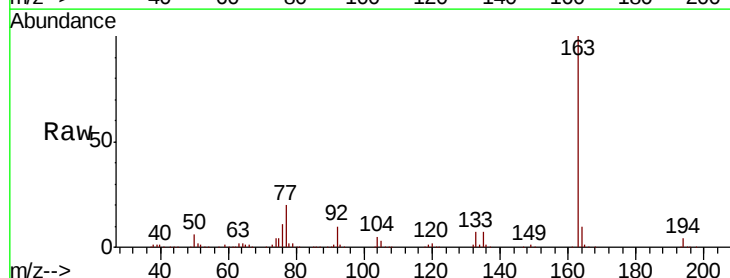
Tgt Ion:163 Resp: 789747

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

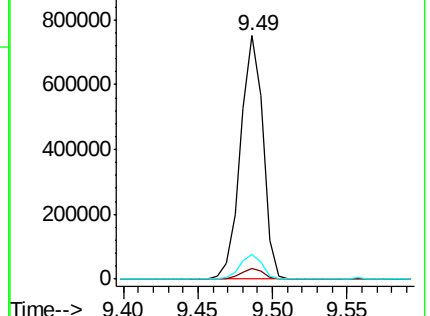
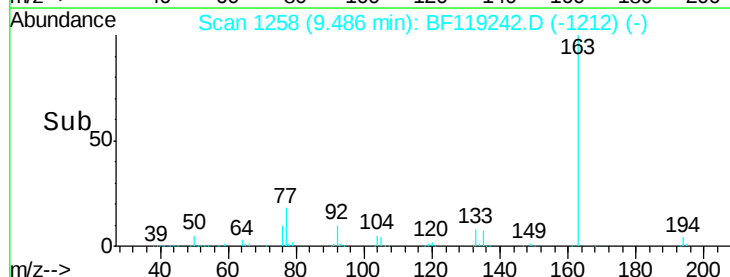
164 10.2 8.4 12.6

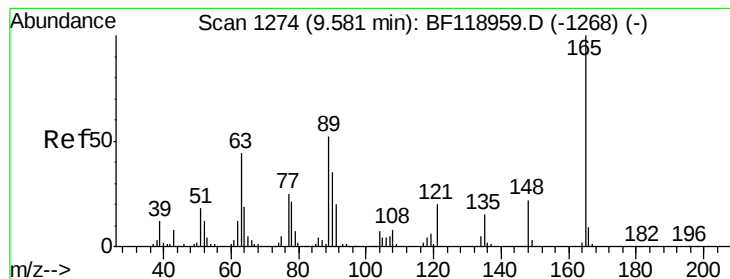


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.527 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

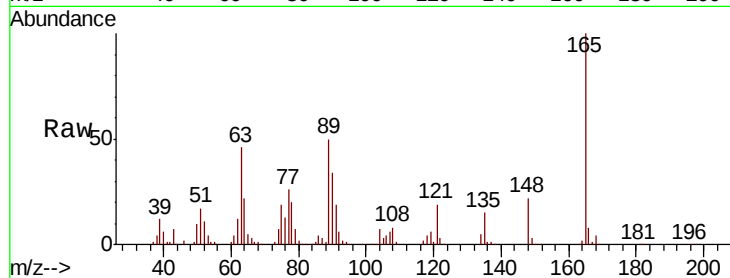
Tot Ion:165 Resp: 167625

Ion Ratio Lower Upper

165 100

63 46.1 34.3 51.5

89 50.3 38.3 57.5



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

250000

200000

150000

100000

50000

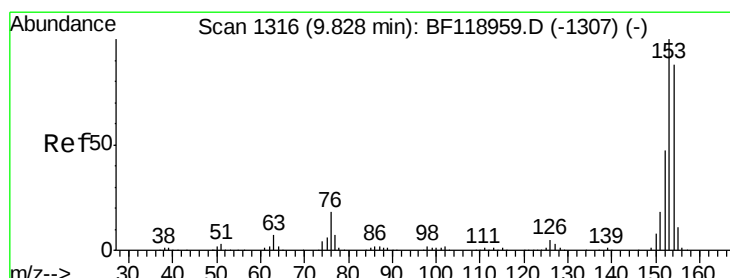
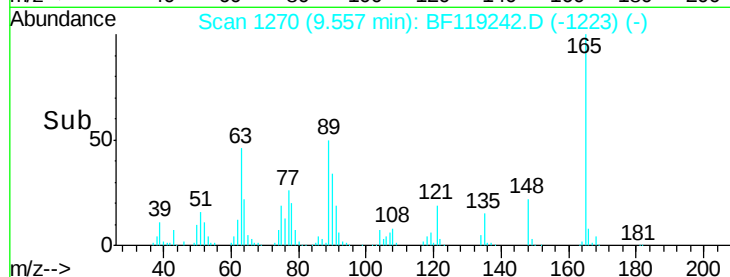
0

9.56

9.55

9.60

Time-->



#52

Acenaphthene

Concen: 39.264 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

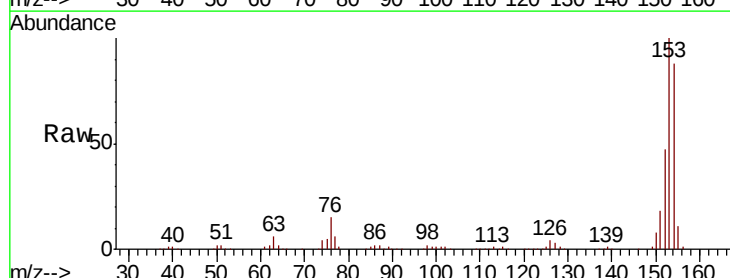
Tgt Ion:154 Resp: 570346

Ion Ratio Lower Upper

154 100

153 113.8 90.3 135.5

152 53.7 43.8 65.8



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

800000

600000

400000

200000

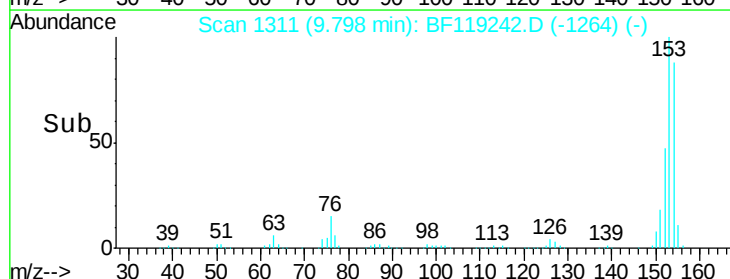
0

9.80

9.75

9.85

Time-->

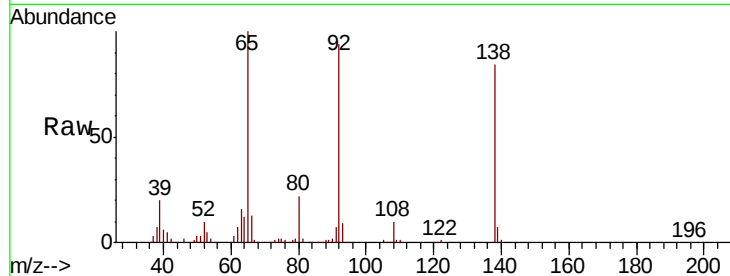




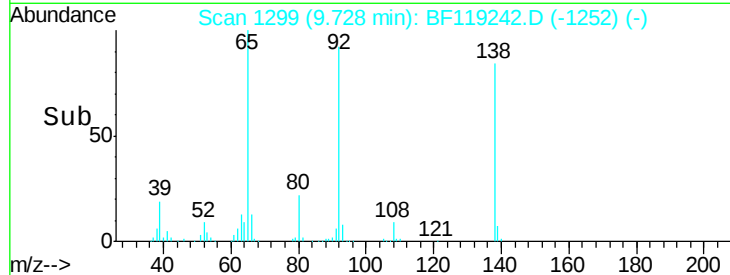
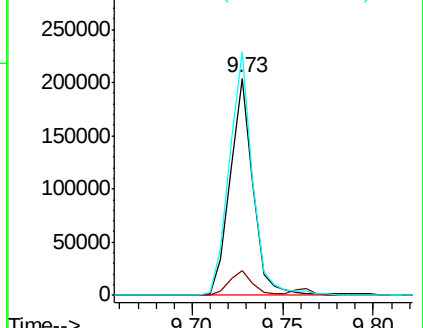
#53
3-Nitroaniline
Concen: 37.515 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 180950
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 112.3 84.8 127.2

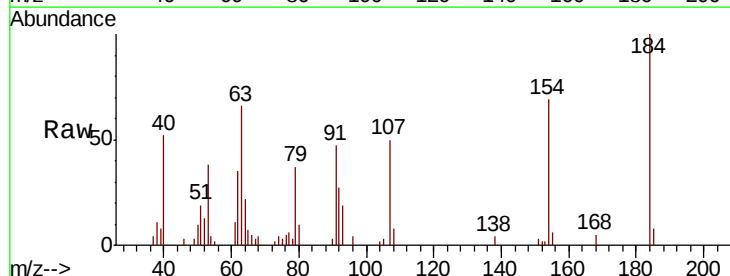


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

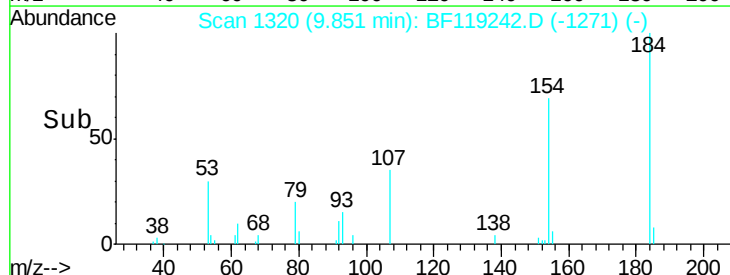
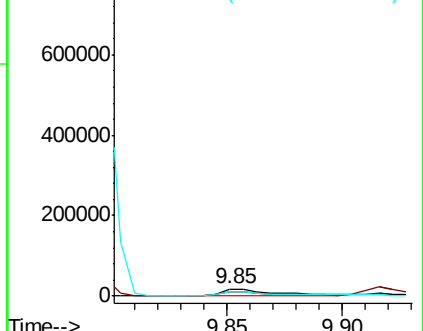


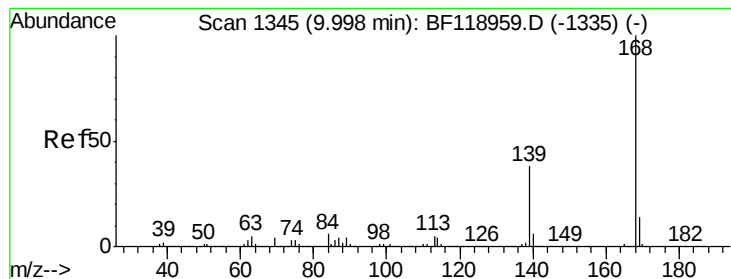
#54
2,4-Dinitrophenol
Concen: 20.412 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:184 Resp: 30175
Ion Ratio Lower Upper
184 100
63 66.2 38.7 58.1#
154 69.0 49.7 74.5



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

Dibenzofuran

Concen: 38.100 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

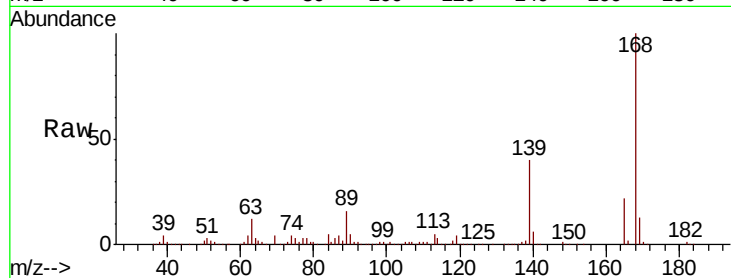
Tot Ion:168 Resp: 826043

Ion Ratio Lower Upper

168 100

139 40.5 34.0 51.0

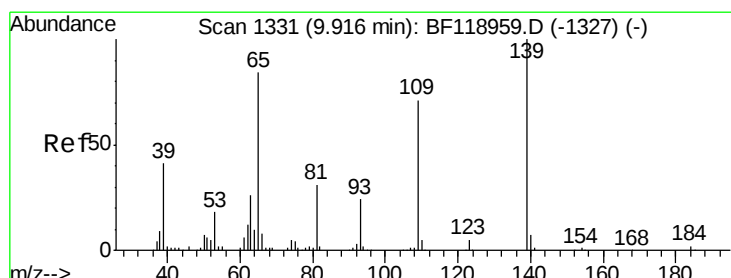
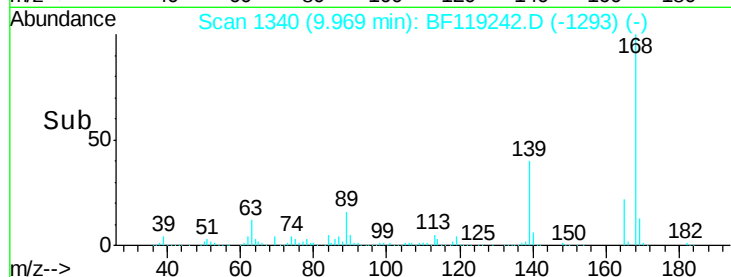
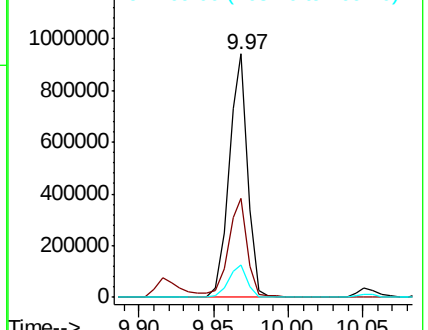
169 13.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 31.968 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

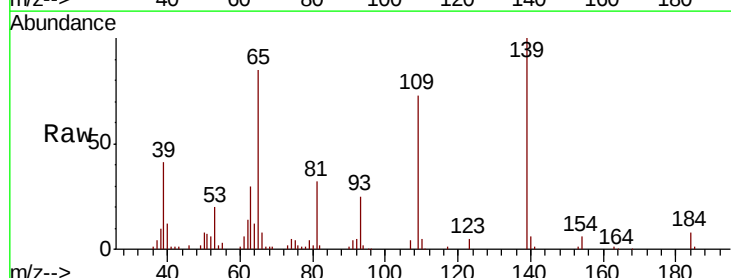
Tgt Ion:139 Resp: 92643

Ion Ratio Lower Upper

139 100

109 72.9 56.7 96.7

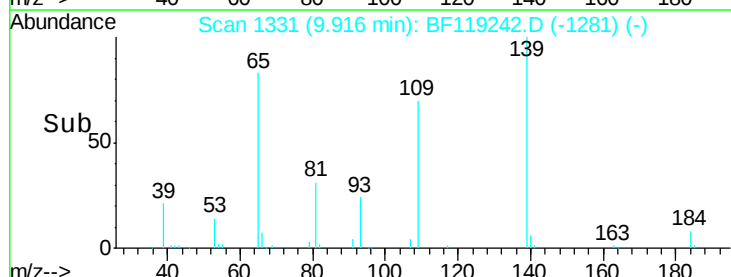
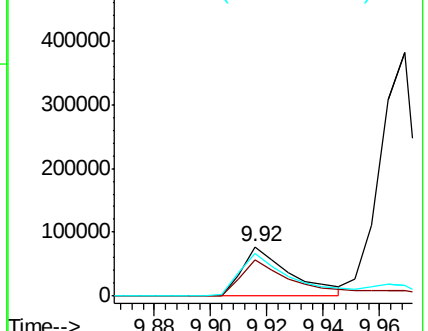
65 85.2 65.0 105.0

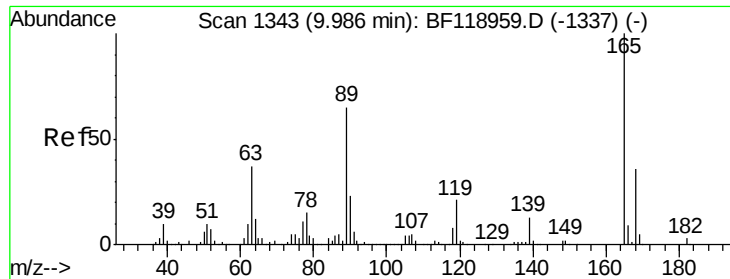


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

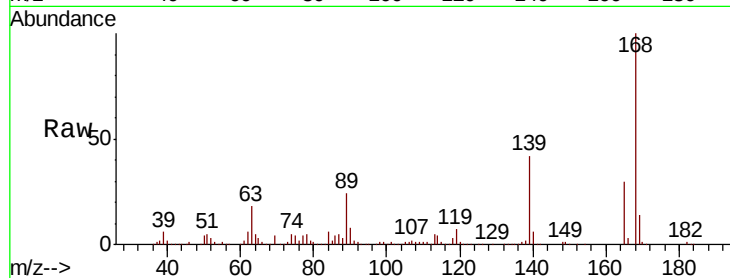




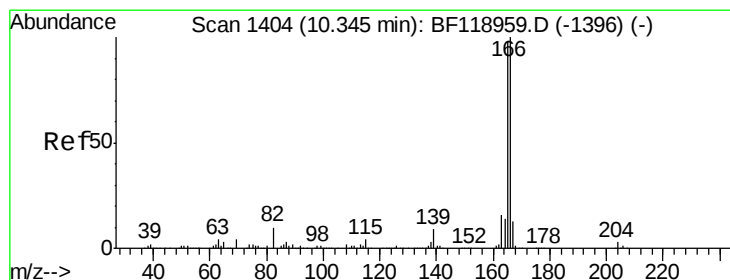
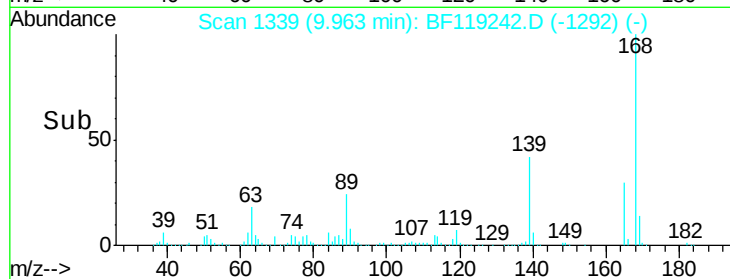
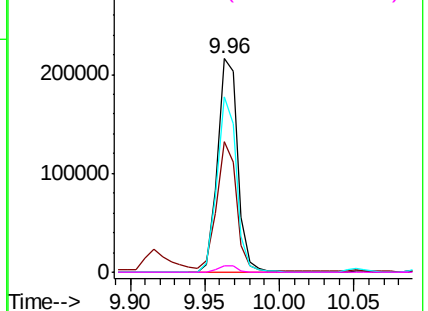
#57
 2,4-Dinitrotoluene
 Concen: 36.540 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	206068
Ion Ratio	Lower	Upper
165	100	
63	61.0	42.3 63.5
89	82.3	60.2 90.4
182	2.9	2.3 3.5

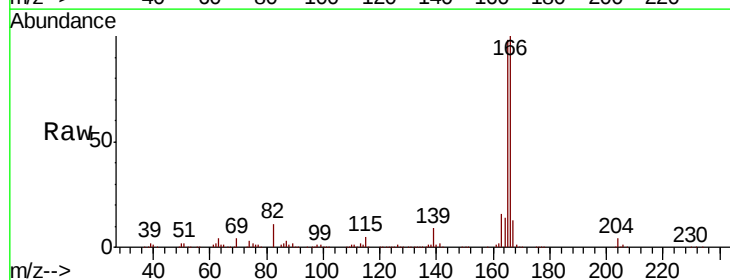


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

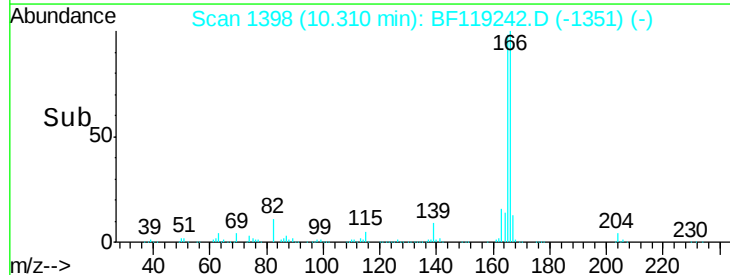
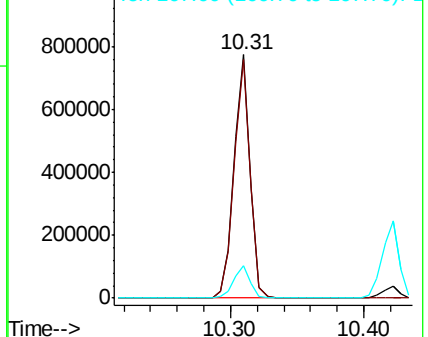


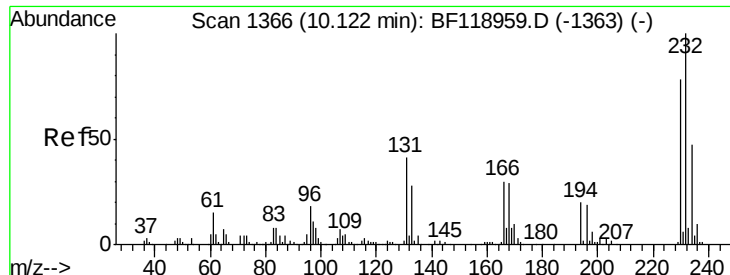
#58
 Fluorene
 Concen: 38.899 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:166	Resp:	655353
Ion Ratio	Lower	Upper
166	100	
165	98.2	78.5 117.7
167	13.4	11.0 16.4



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

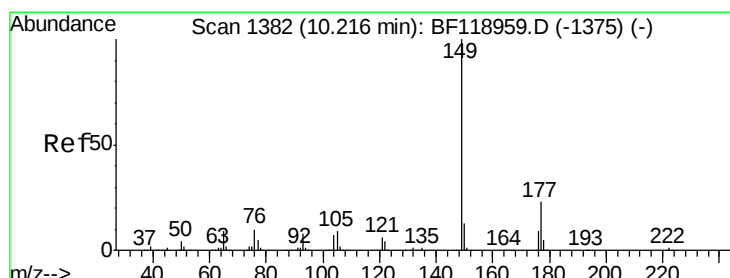
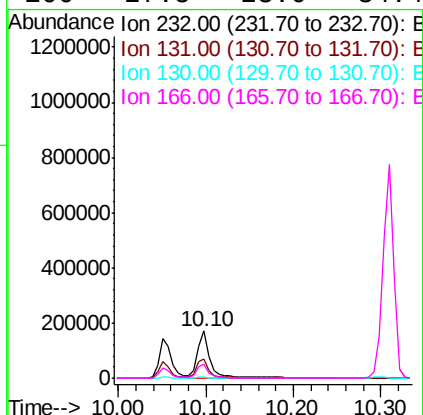
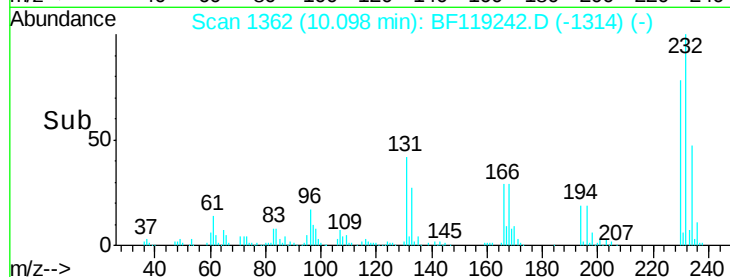
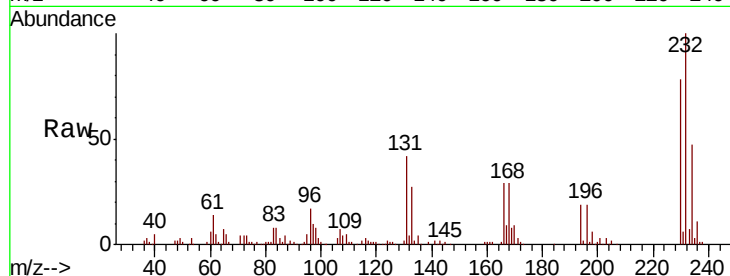




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.662 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

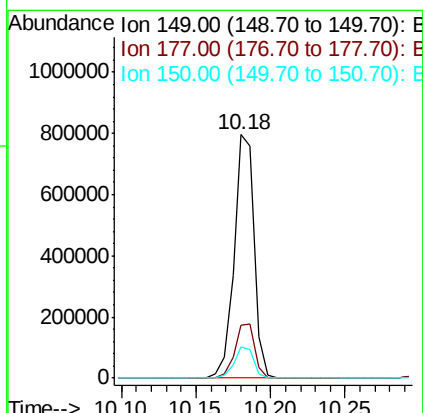
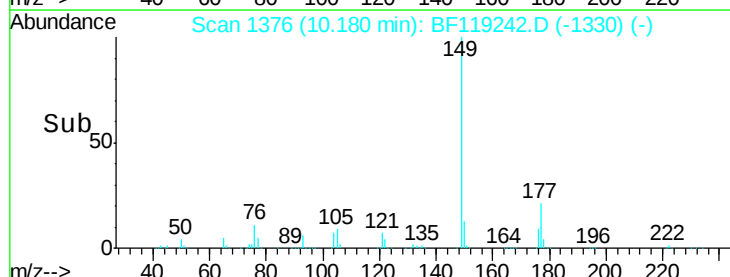
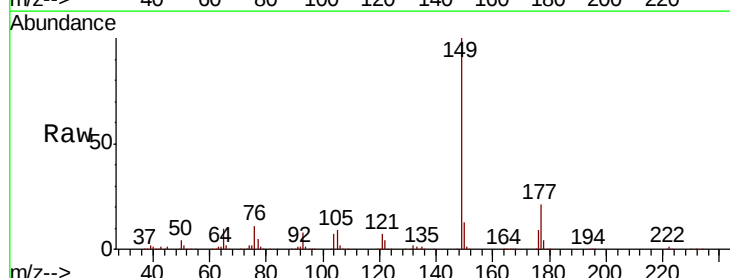
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	172174
Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.8	50.8
130	2.3	1.8	2.6
166	27.5	23.0	34.4



#60
 Diethylphthalate
 Concen: 40.594 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:	149	Resp:	749161
Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.2	27.2
150	12.8	10.5	15.7

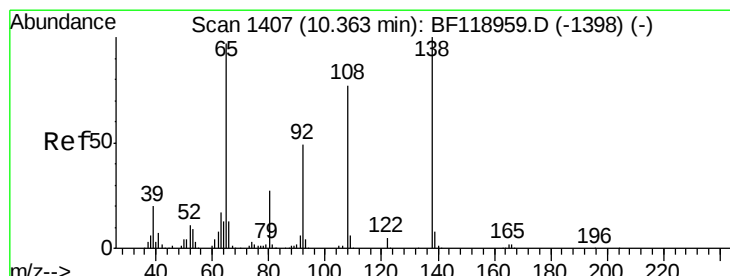
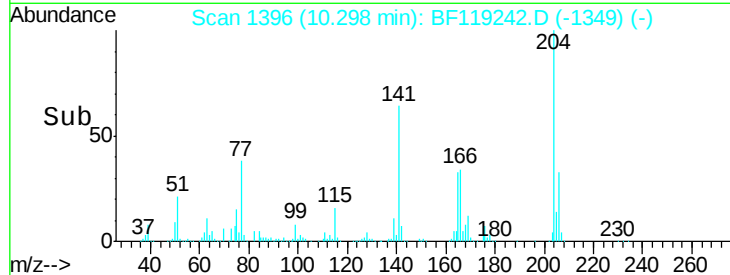
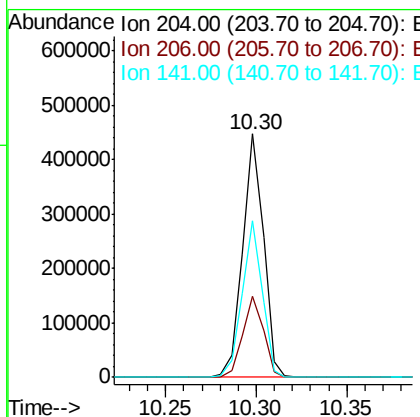
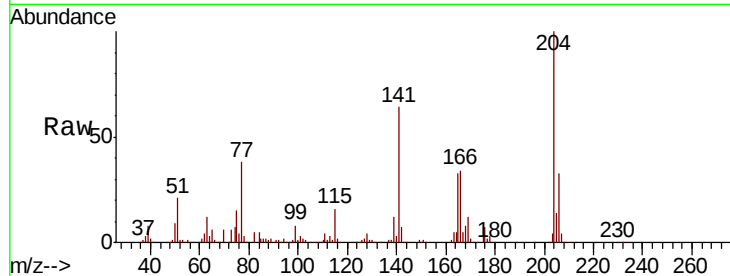




#61
 4-Chlorophenyl-phenylether
 Concen: 40.028 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

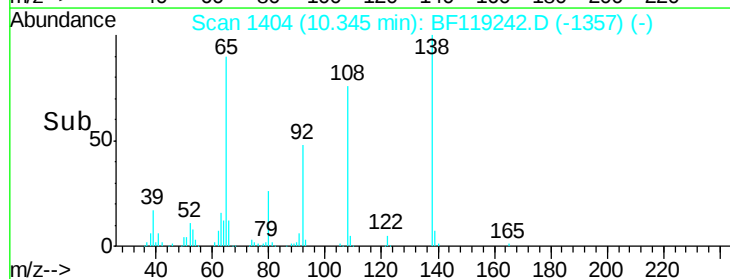
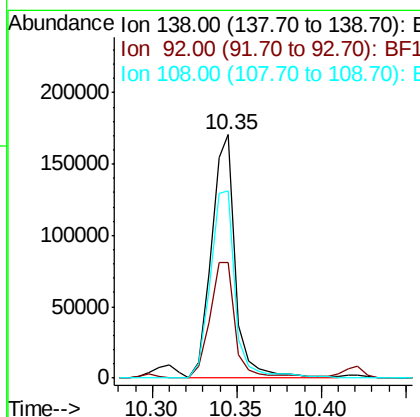
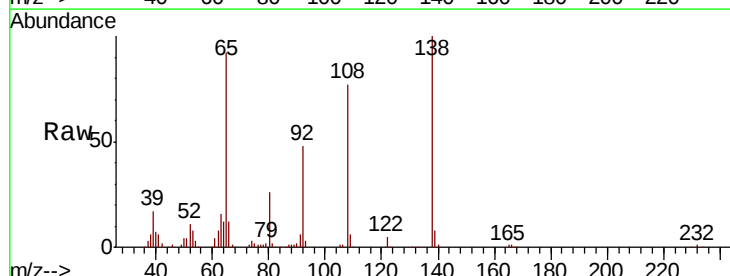
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

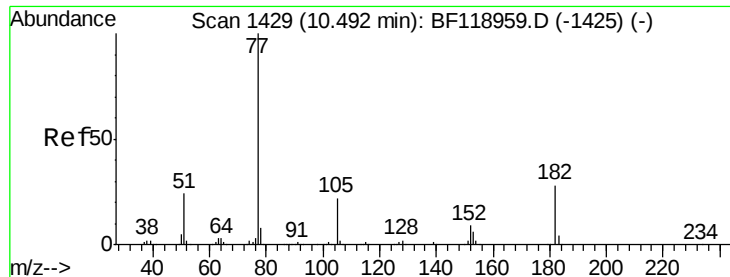
Tot Ion:	204	Resp:	356960
Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	64.2	52.9	79.3



#62
 4-Nitroaniline
 Concen: 33.950 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:	138	Resp:	167539
Ion	Ratio	Lower	Upper
138	100		
92	47.7	27.3	67.3
108	76.7	57.0	97.0

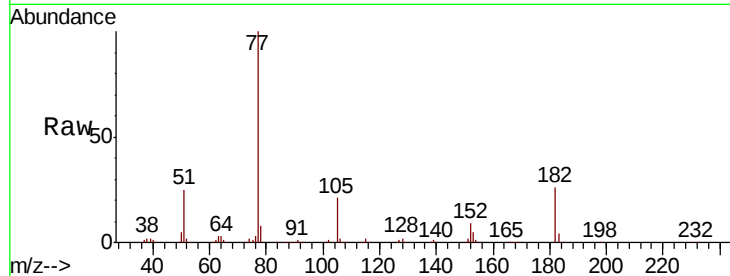




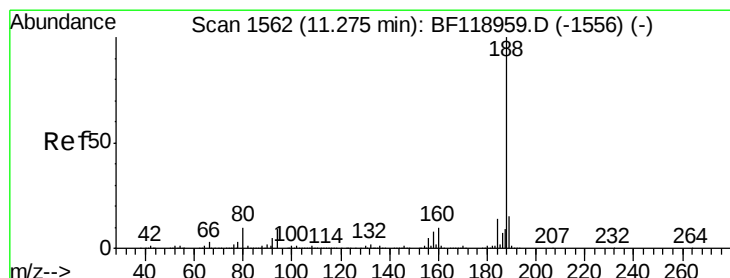
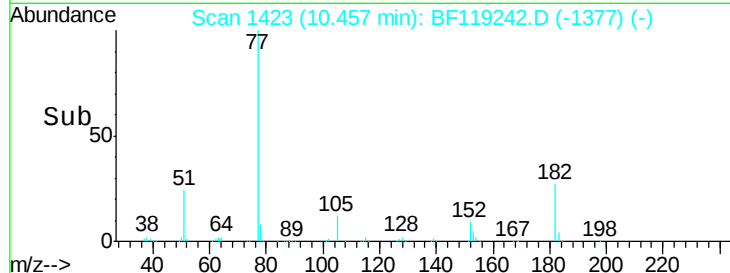
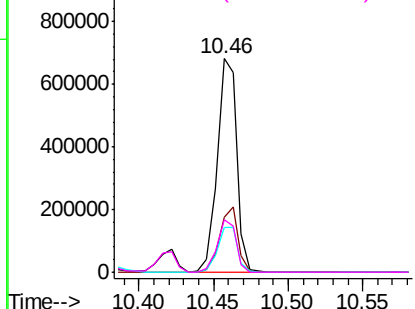
#63
Azobenzene
Concen: 38.919 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 624301
Ion Ratio Lower Upper
77 100
182 25.8 11.4 51.4
105 21.1 3.4 43.4
51 24.7 5.1 45.1

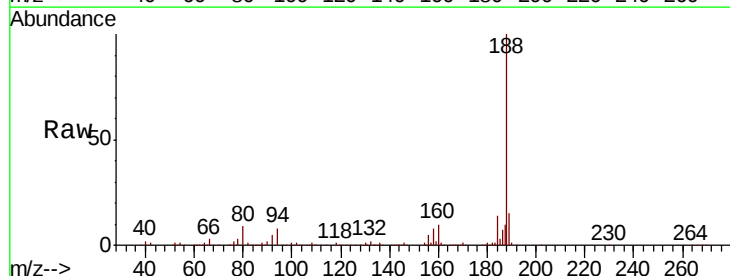


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

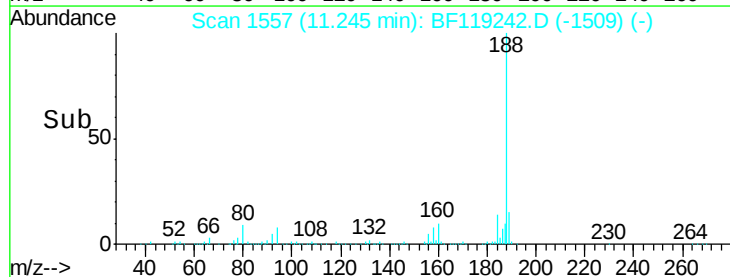
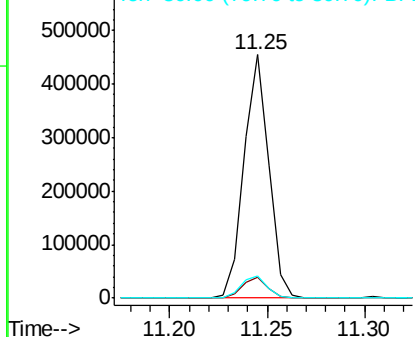


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion: 188 Resp: 401558
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 9.0 7.8 11.8



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

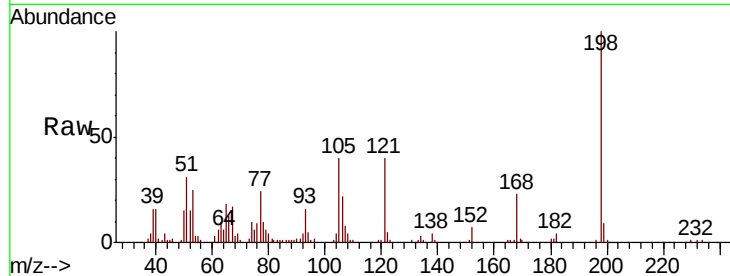




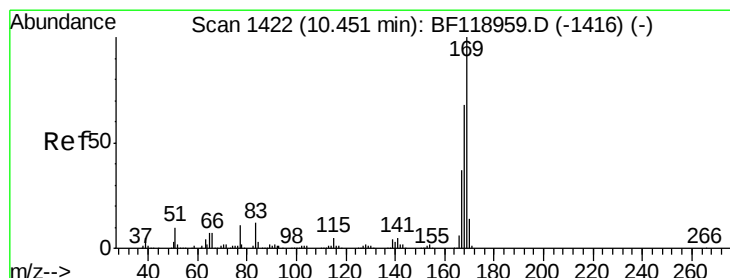
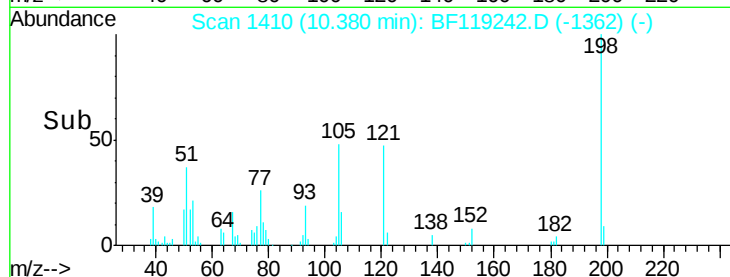
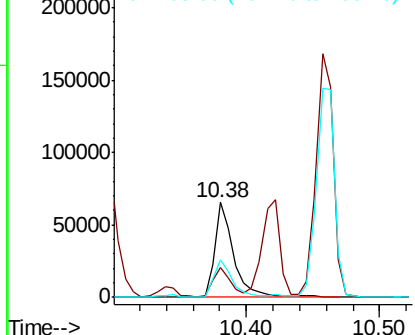
#65
4,6-Dinitro-2-methylphenol
Concen: 27.359 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 66480
Ion Ratio Lower Upper
198 100
51 30.9 14.2 54.2
105 40.0 22.7 62.7

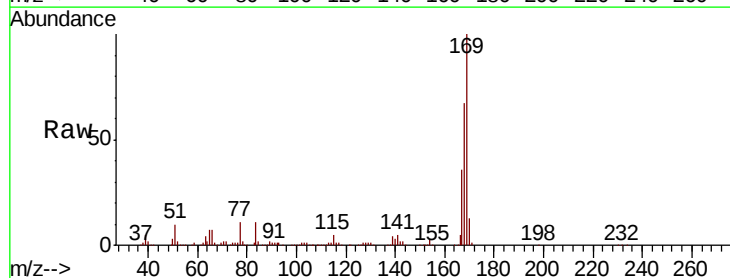


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

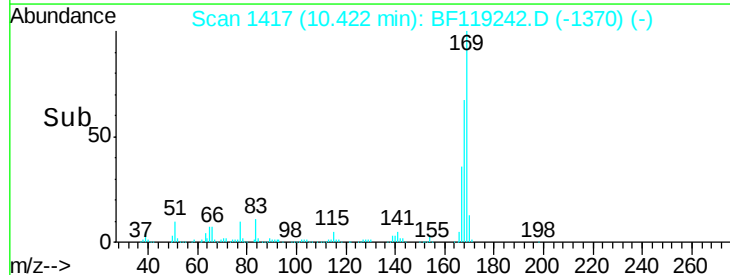
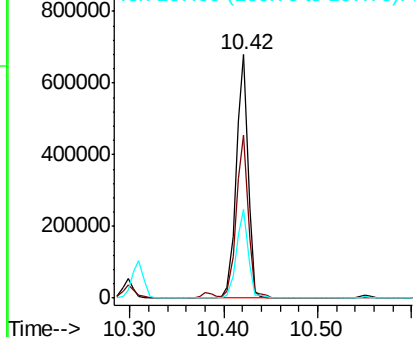


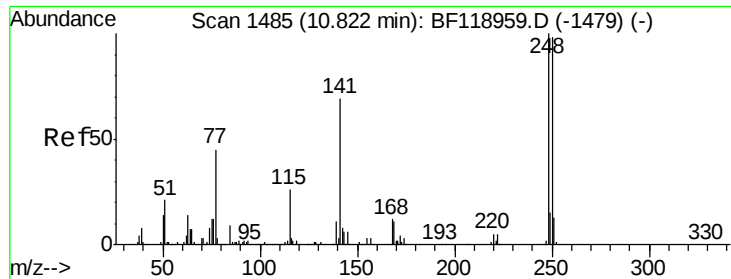
#66
n-Nitrosodiphenylamine
Concen: 44.809 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:169 Resp: 589172
Ion Ratio Lower Upper
169 100
168 66.7 54.1 81.1
167 36.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

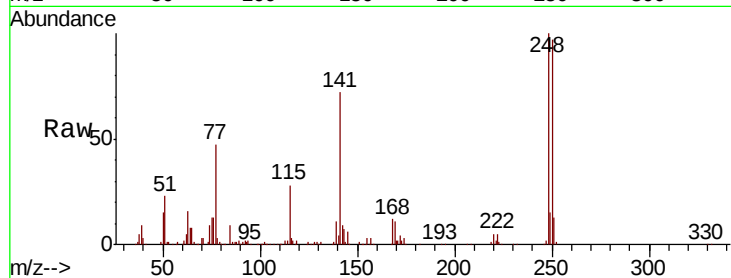




#67
4-Bromophenyl-phenylether
Concen: 42.607 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.7	115.1
141	72.0	60.7	91.1

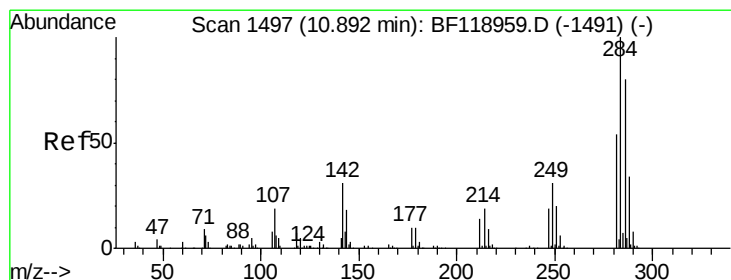
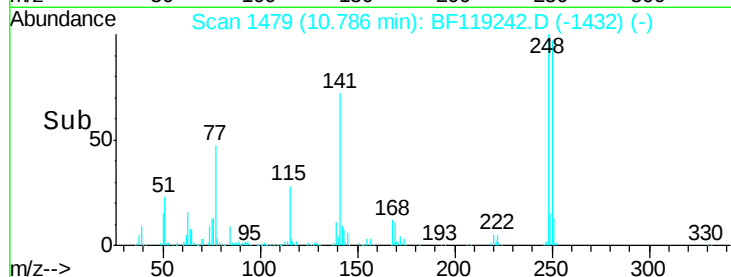
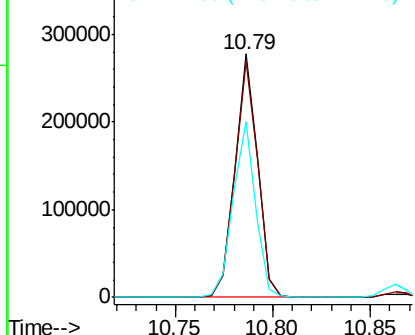


Abundance

Ion 248.00 (247.70 to 248.70): E

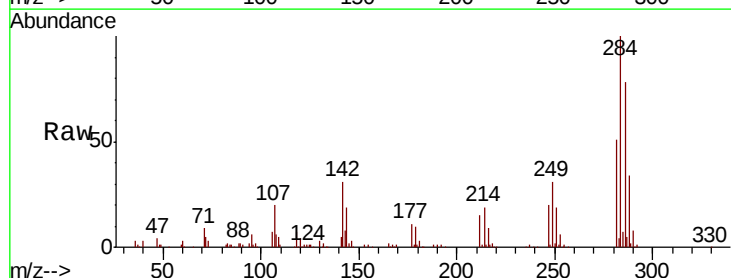
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.573 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.7	35.5
249	30.8	25.0	37.6

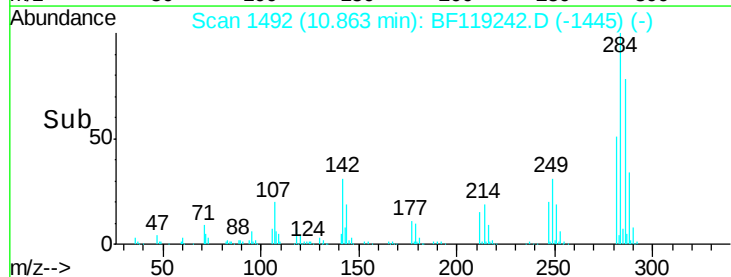
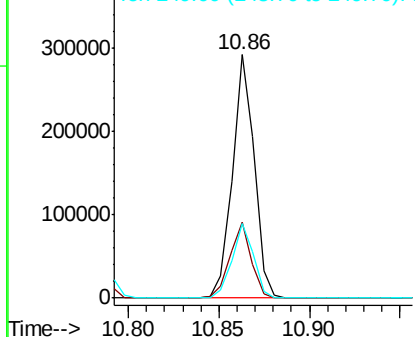


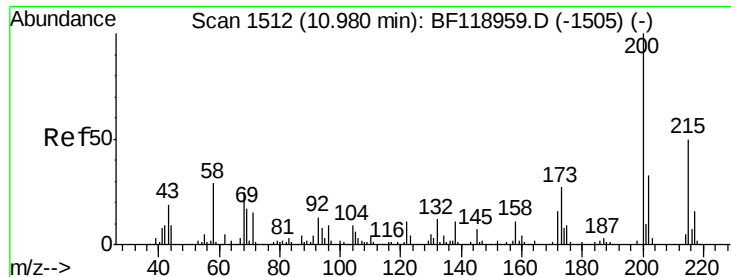
Abundance

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

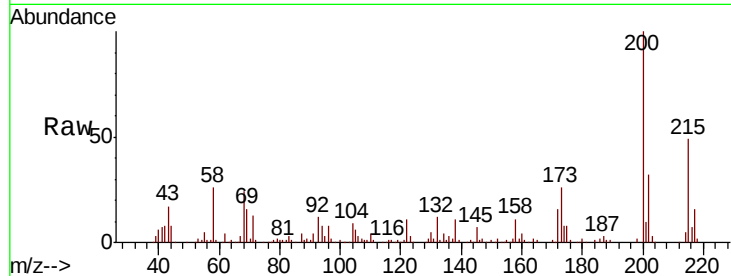




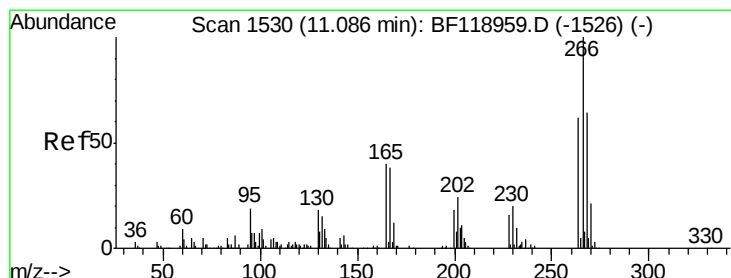
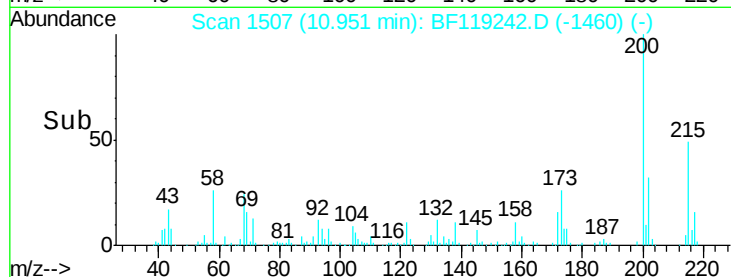
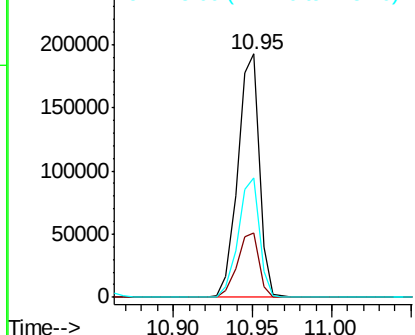
#69
Atrazine
Concen: 39.545 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.4	46.4
215	49.2	27.4	67.4

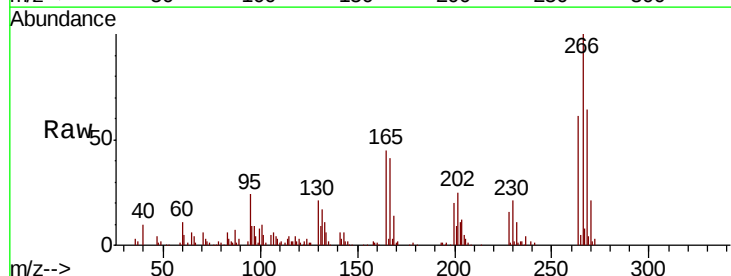


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

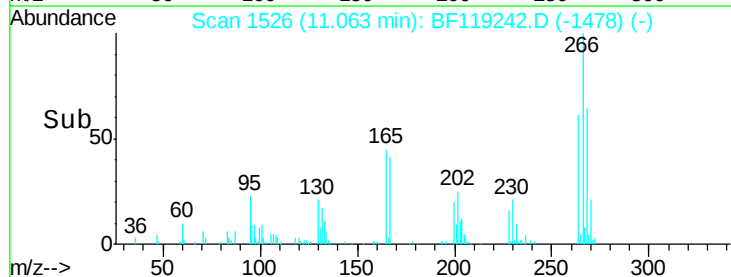
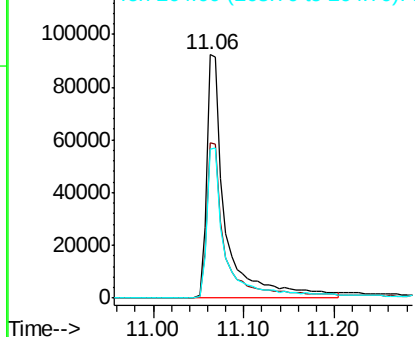


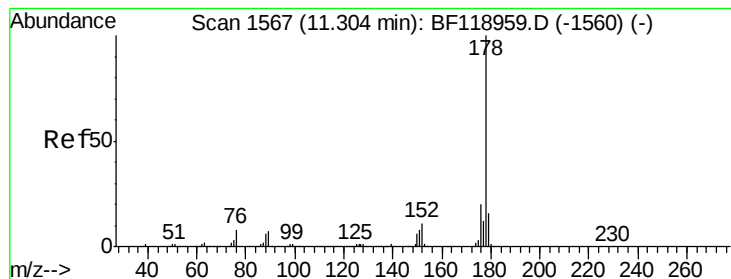
#70
Pentachlorophenol
Concen: 55.771 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.9	77.9
264	61.1	51.0	76.4



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: 40.068 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

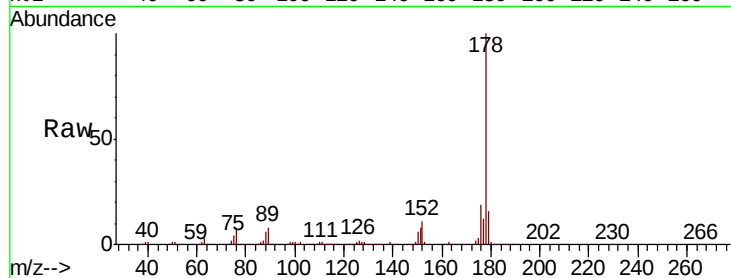
Tot Ion:178 Resp: 877448

Ion Ratio Lower Upper

178 100

176 19.3 16.5 24.7

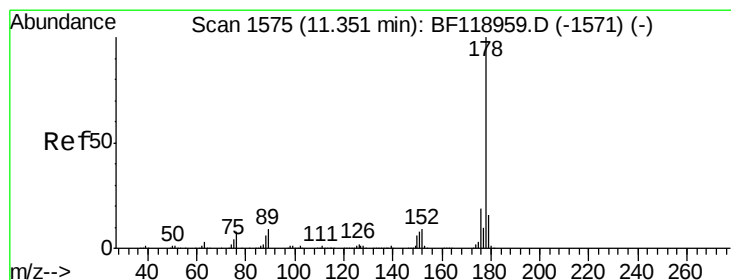
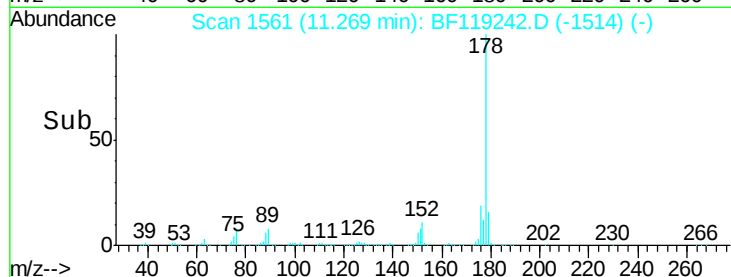
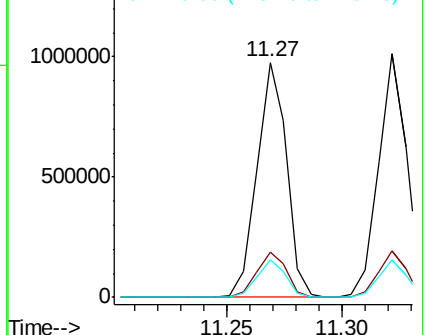
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.909 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

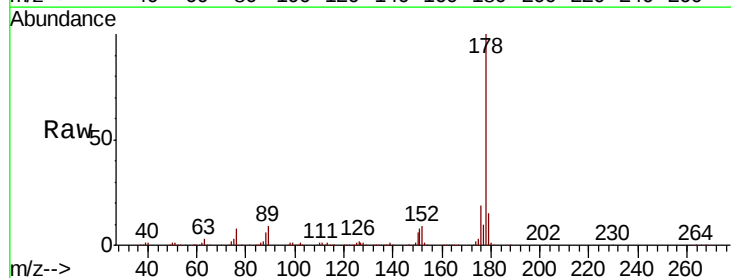
Tgt Ion:178 Resp: 873246

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

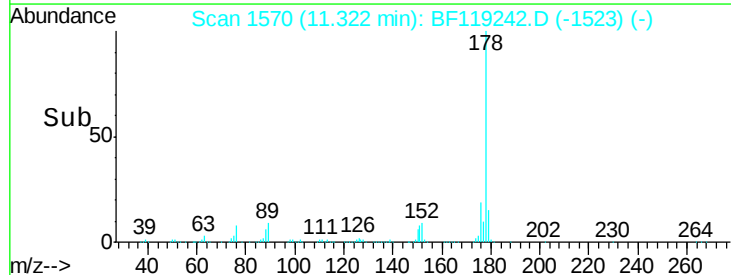
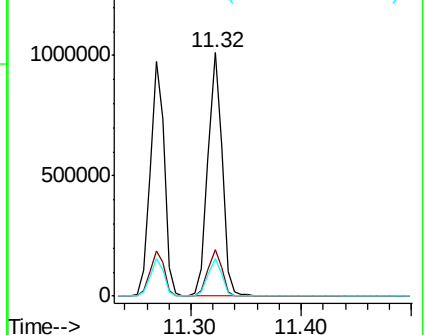
179 15.5 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

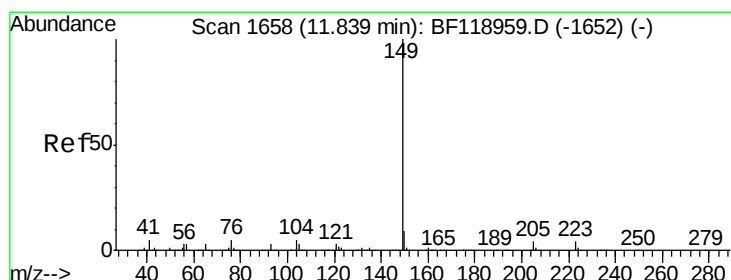
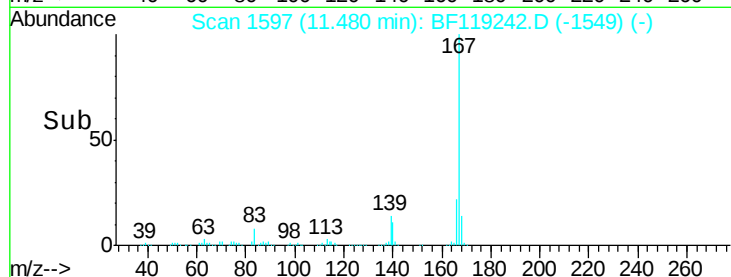
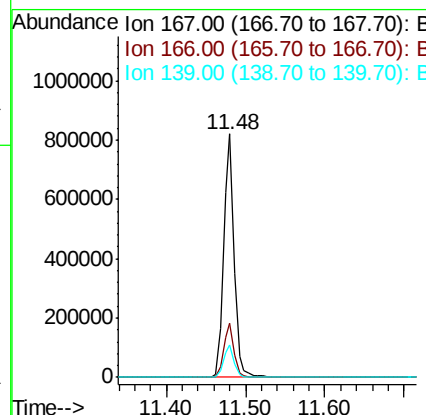
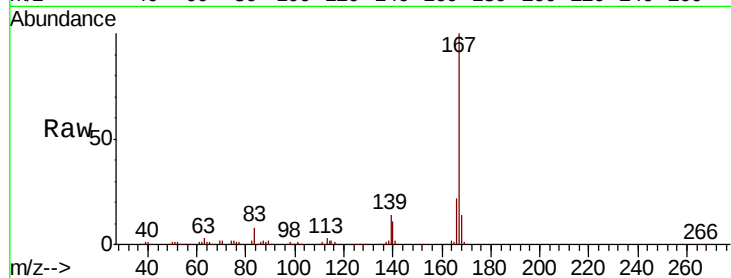




#73
 Carbazole
 Concen: 38.394 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

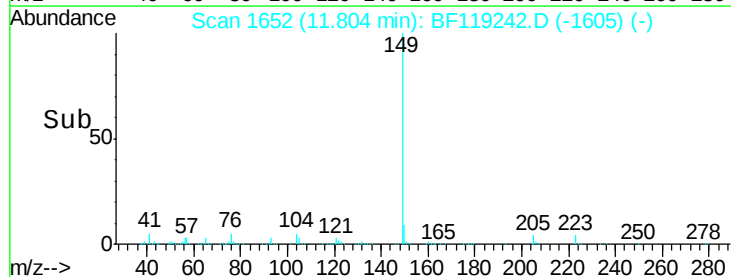
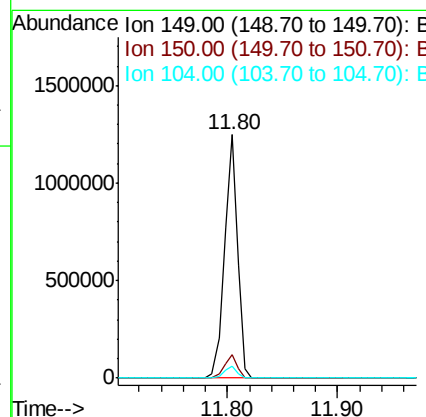
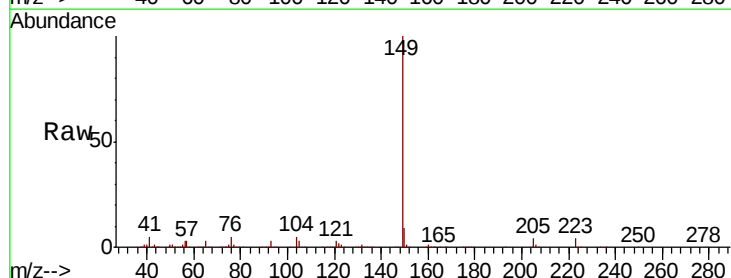
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 748412
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.5 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 43.201 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:149 Resp: 1019808
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.1 4.6 6.8

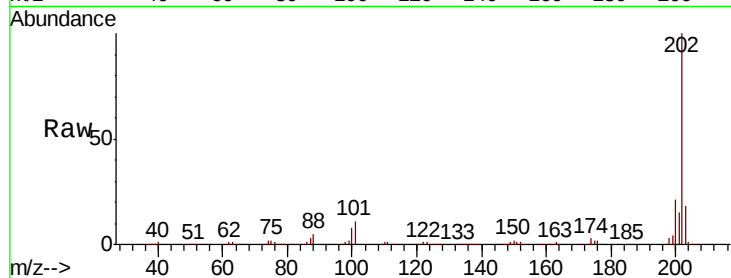




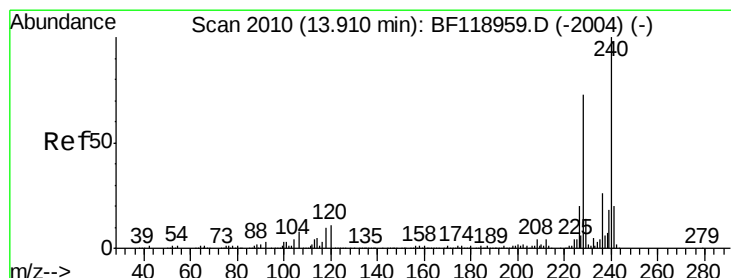
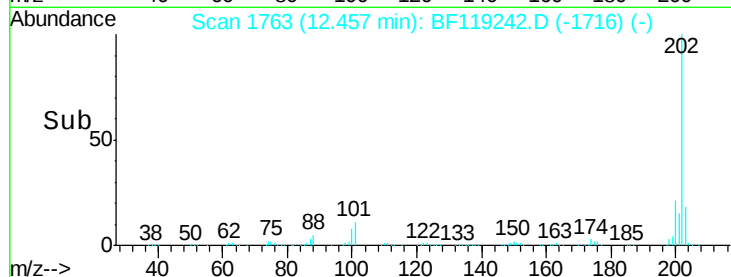
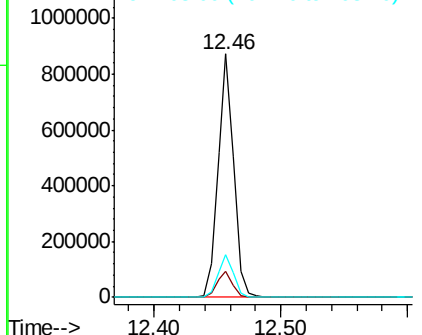
#75
Fluoranthene
Concen: 32.701 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	17.8	0.0	38.4

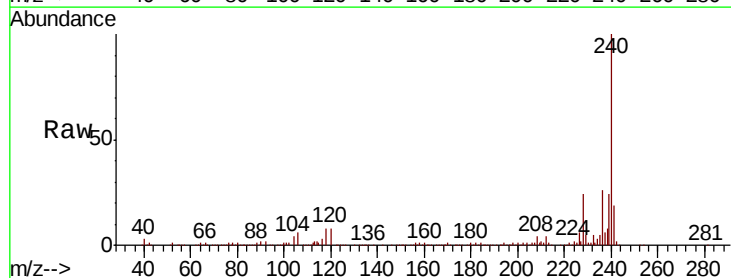


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

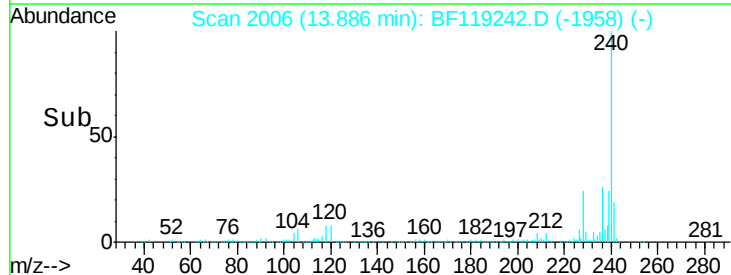
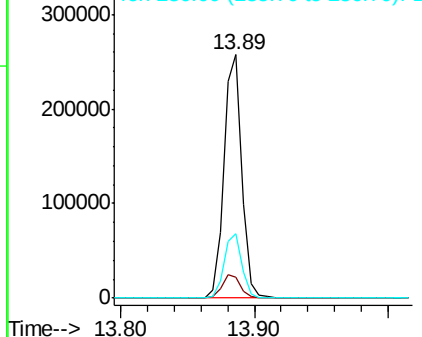


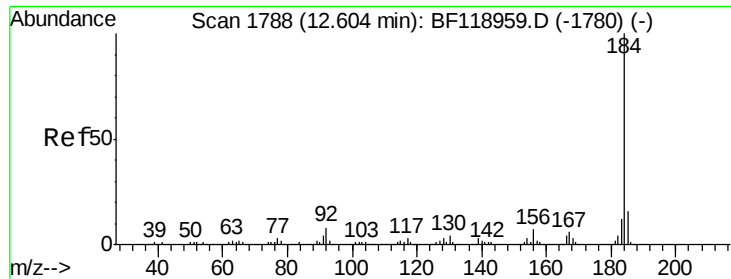
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.4	12.6#
236	26.5	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.241 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

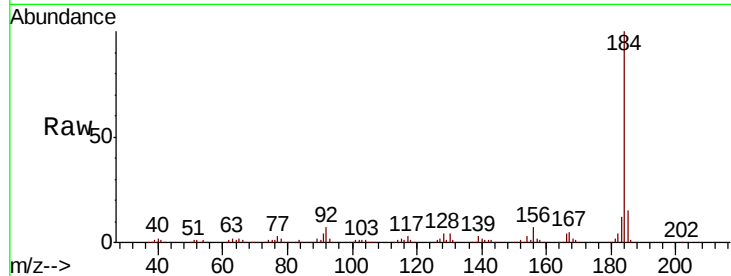
Tot Ion:184 Resp: 388237

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

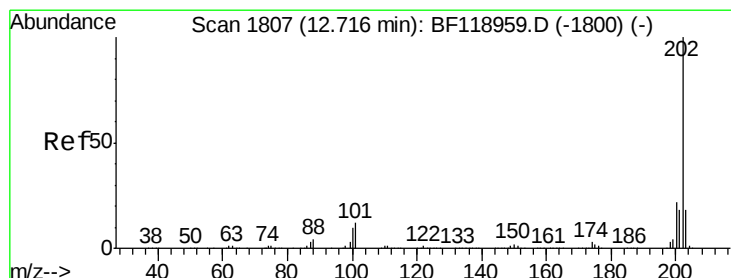
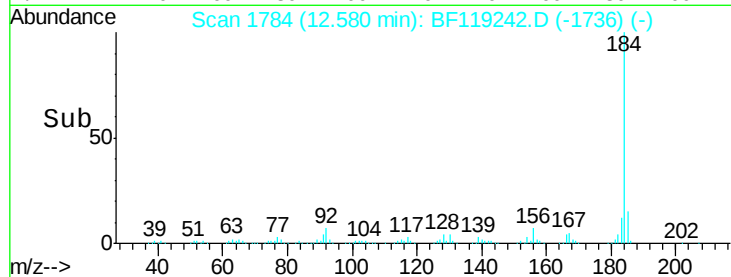
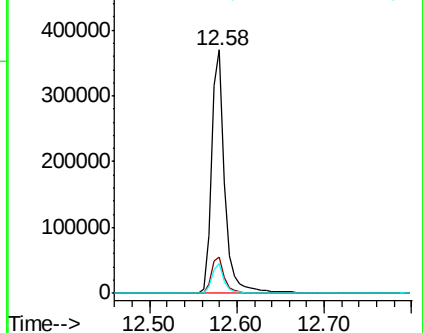
183 12.3 9.9 14.9



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



#78

Pyrene

Concen: 38.062 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

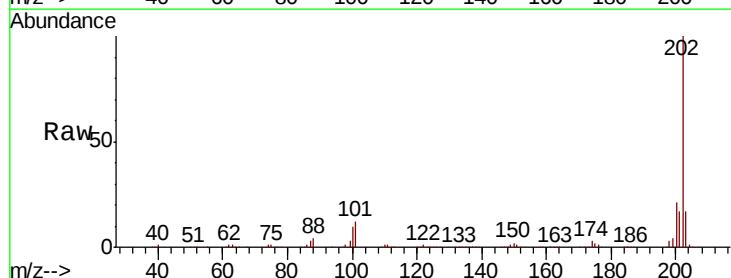
Tgt Ion:202 Resp: 743515

Ion Ratio Lower Upper

202 100

200 21.2 18.0 27.0

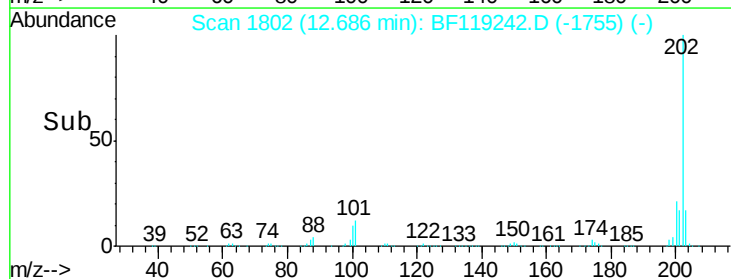
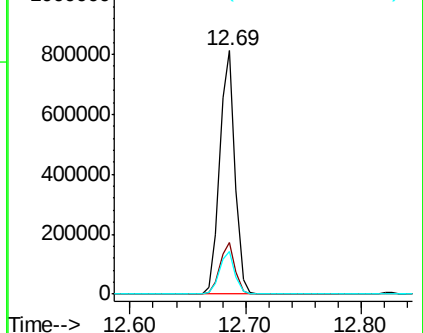
203 17.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.232 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

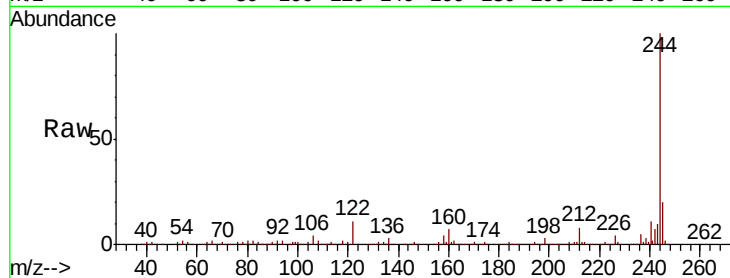
Tot Ion:244 Resp: 1176067

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

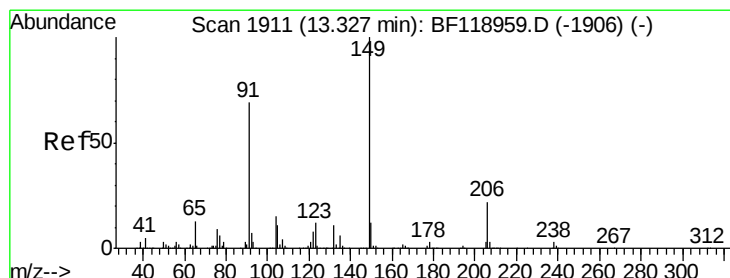
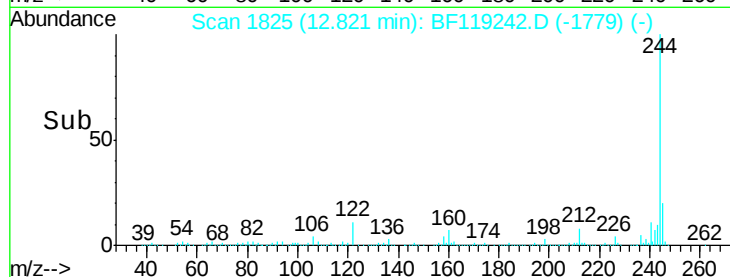
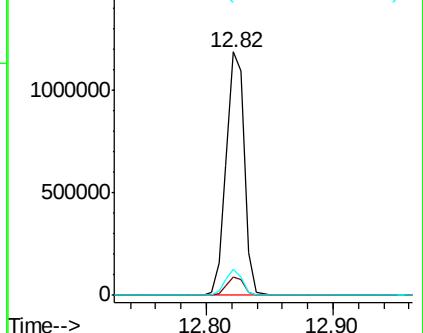
122 10.8 8.2 12.2



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: 39.724 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

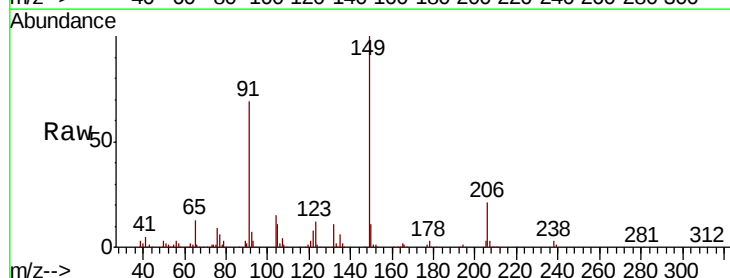
Tgt Ion:149 Resp: 326586

Ion Ratio Lower Upper

149 100

91 69.1 52.3 78.5

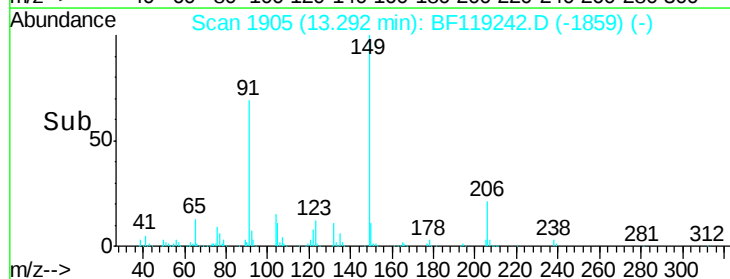
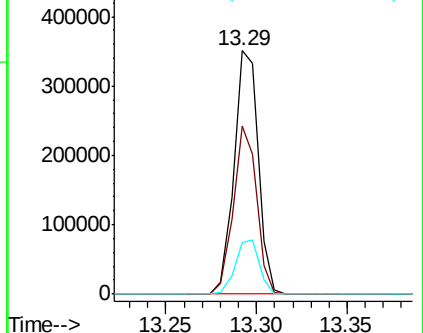
206 21.4 18.5 27.7

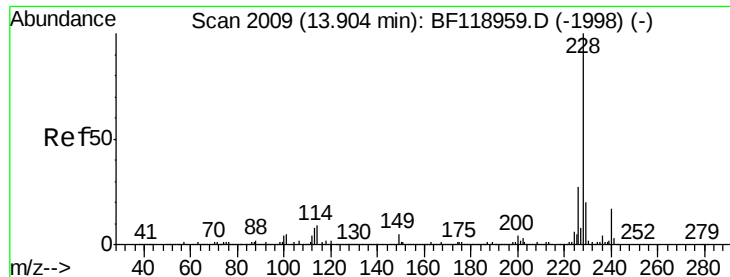


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.777 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

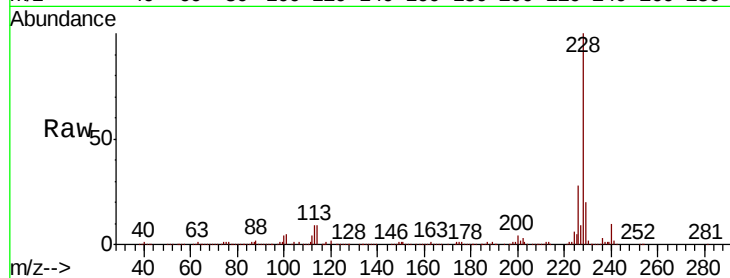
Tot Ion:228 Resp: 659337

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

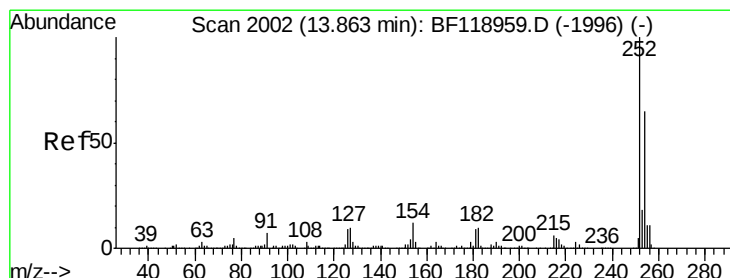
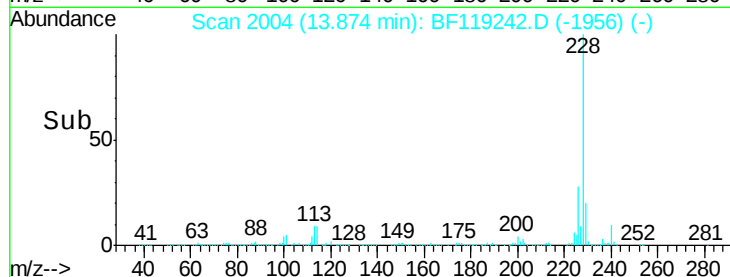
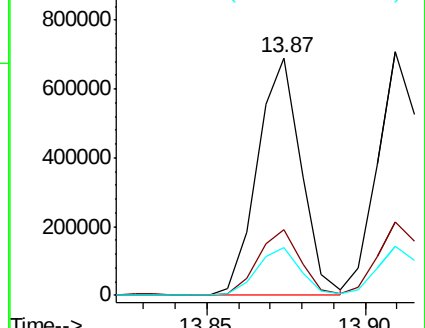
229 19.9 16.6 24.8



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: 40.899 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

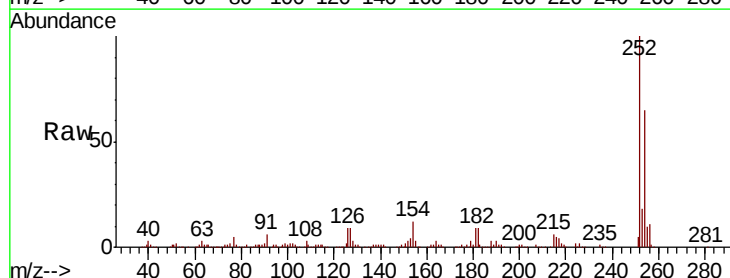
Tgt Ion:252 Resp: 263243

Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

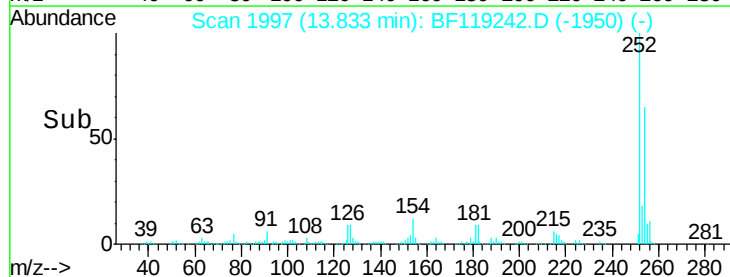
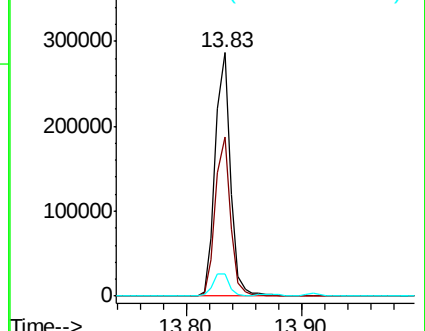
126 9.2 7.4 11.0

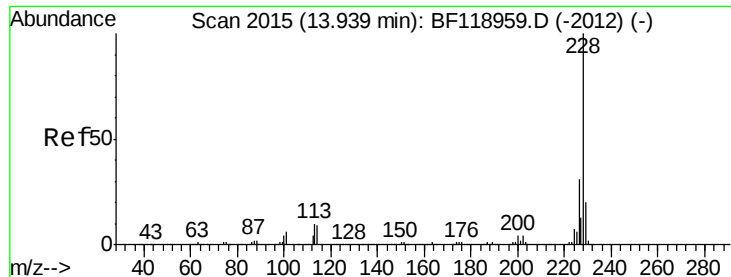


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

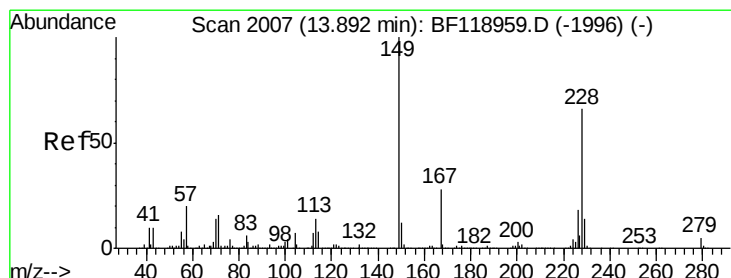
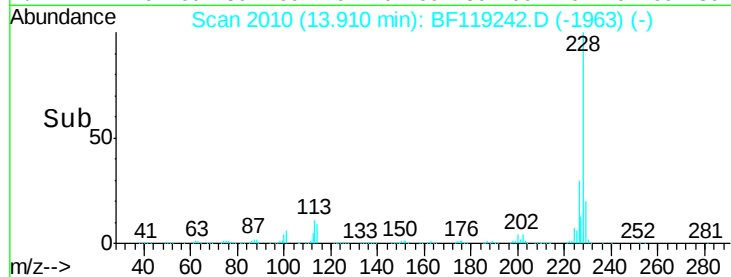
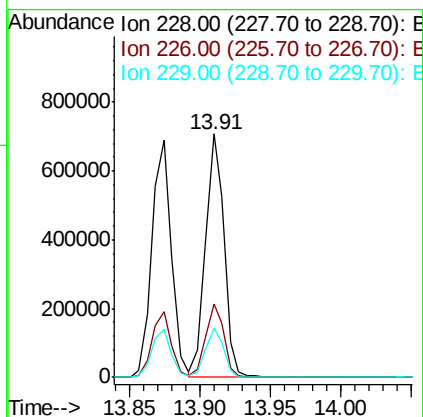
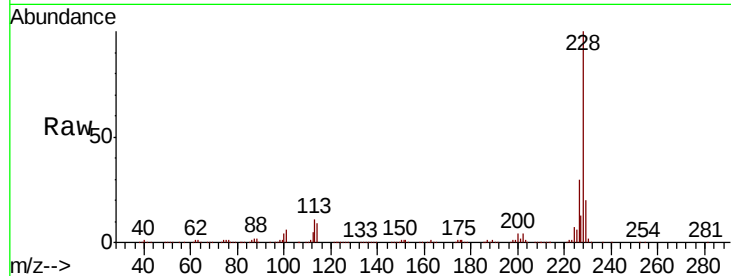




#83
 Chrysene
 Concen: 39.074 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

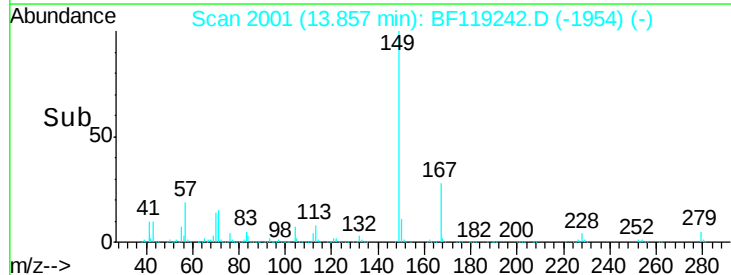
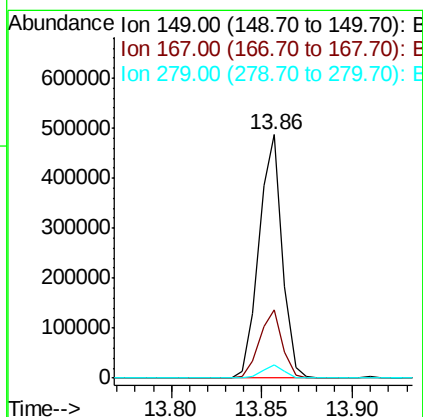
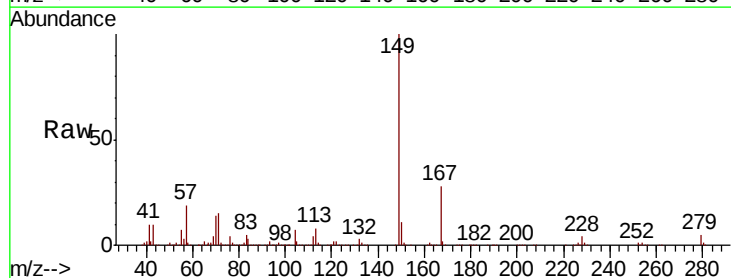
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 645348
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.656 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119242.D
 Acq: 6 Mar 2020 6:47

Tgt Ion:149 Resp: 432667
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.8 34.2
 279 5.3 4.6 6.8

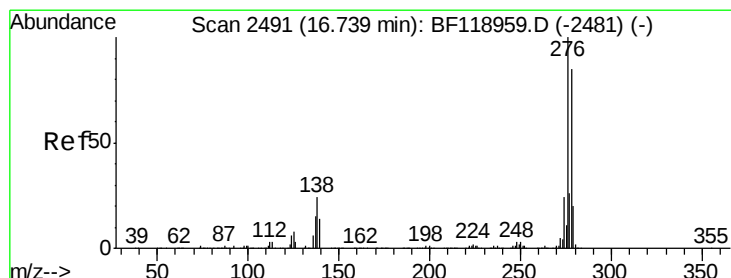
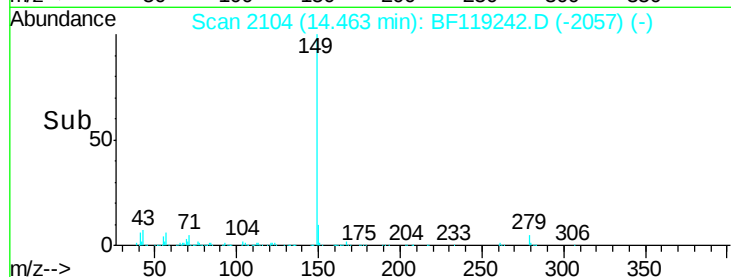
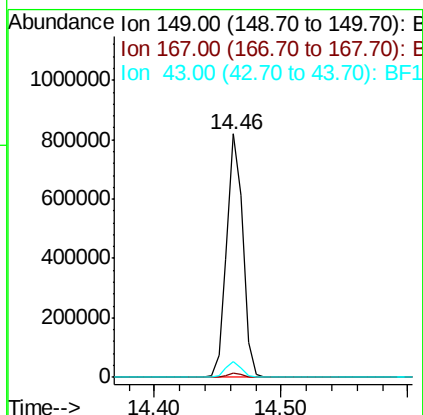
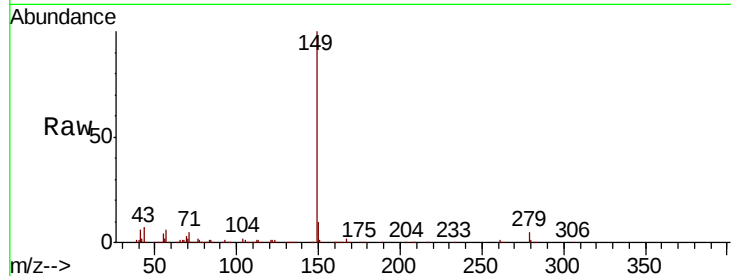




#85
Di-n-octyl phthalate
Concen: 43.802 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

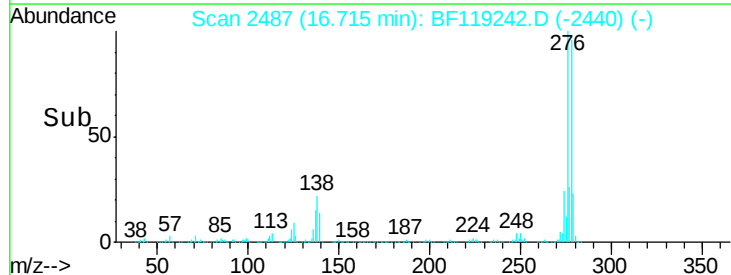
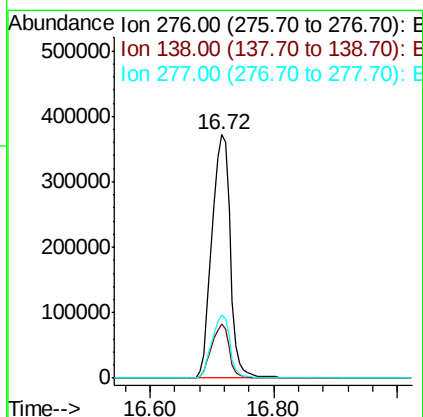
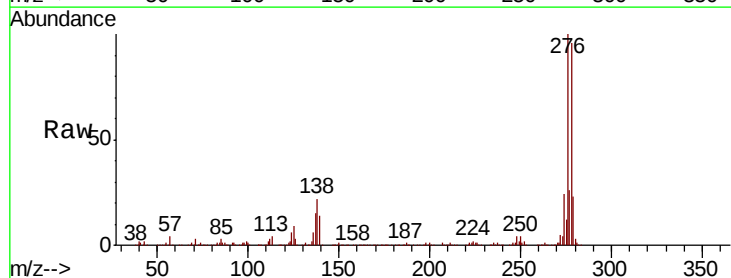
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

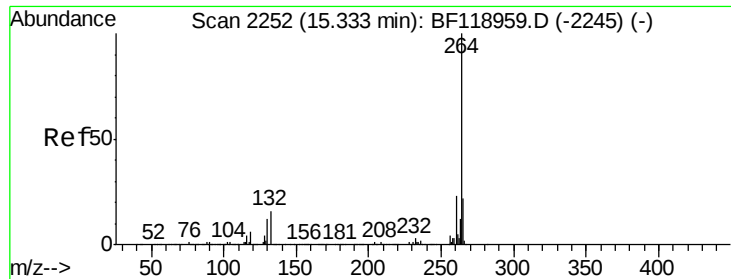
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.3	5.7	8.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.848 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.4	26.0
277	25.3	20.3	30.5



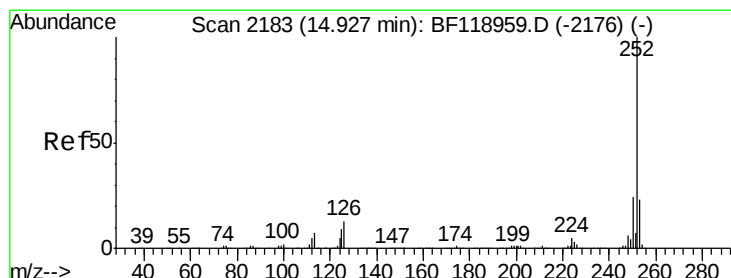
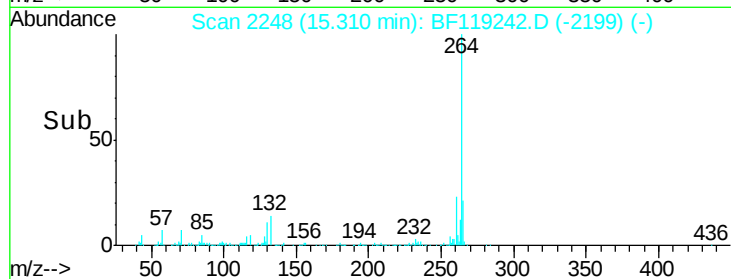
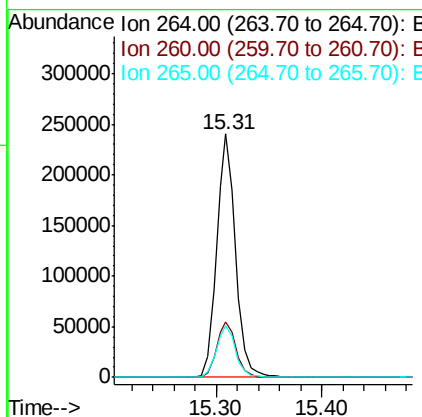
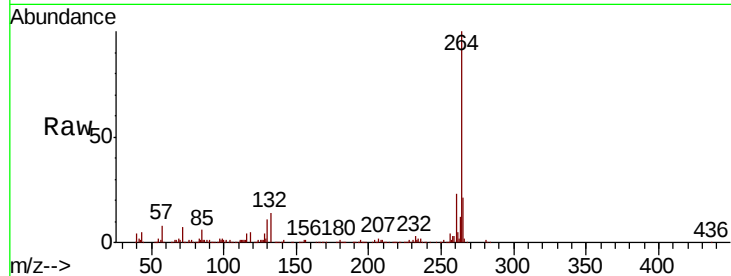


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 301629

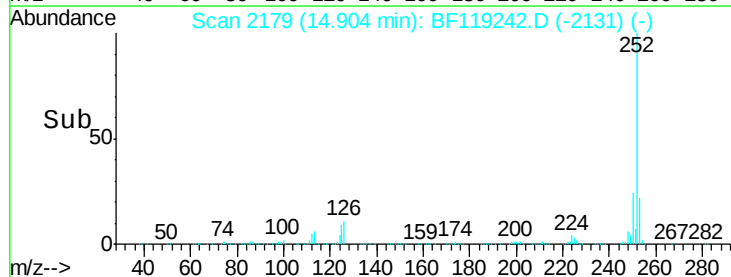
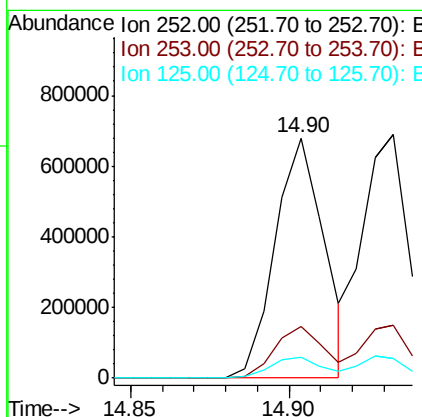
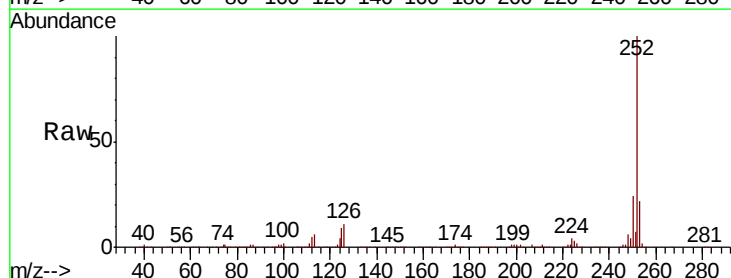
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.0	17.7	26.5

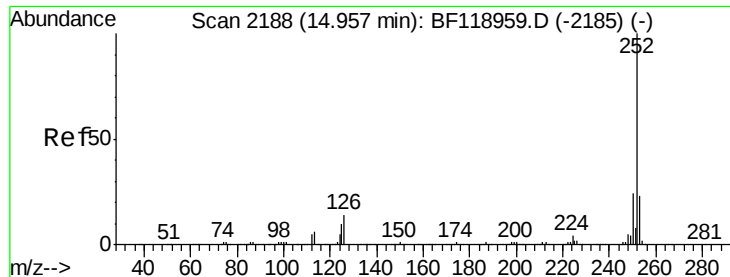


#88
Benzo(b)fluoranthene
Concen: 36.874 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:252 Resp: 733114

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	8.9	7.4	11.0

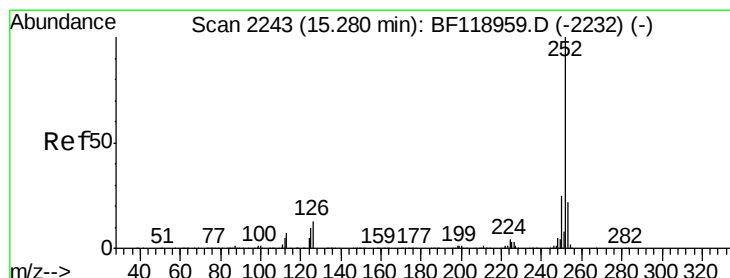
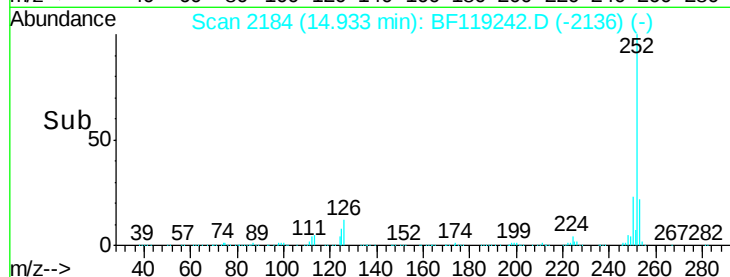
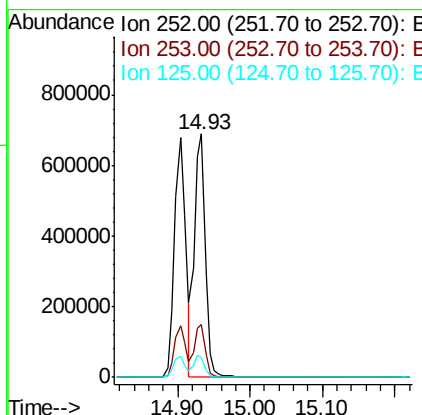
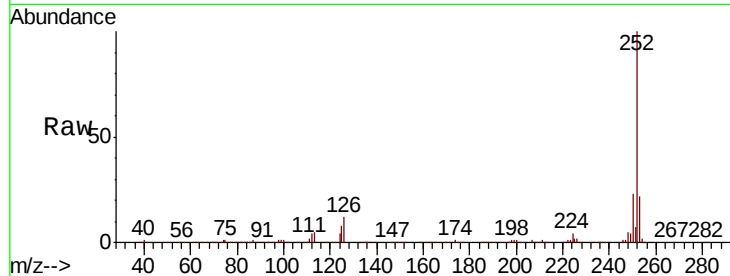




#89
Benzo(k)fluoranthene
Concen: 39.094 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

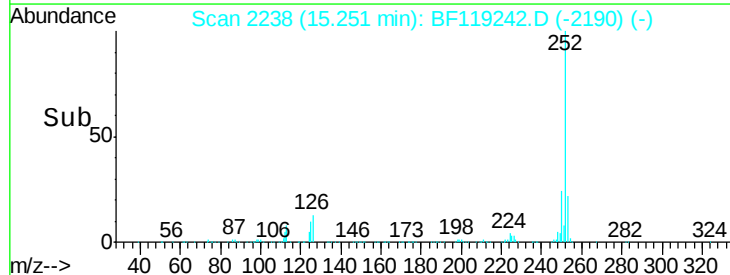
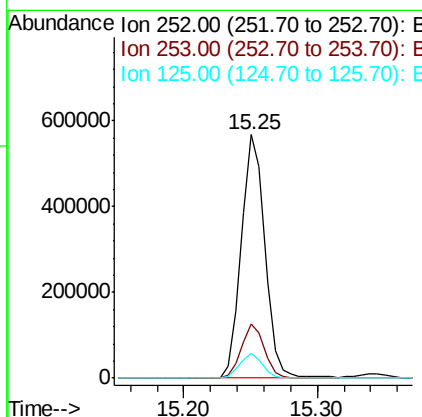
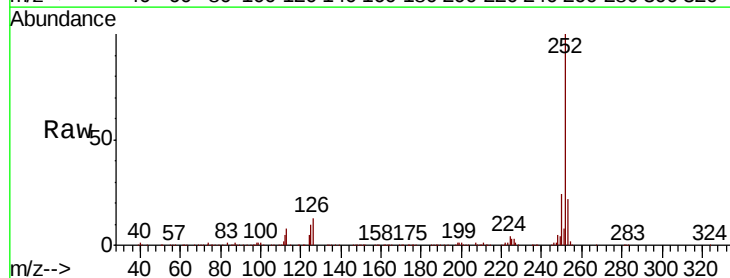
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

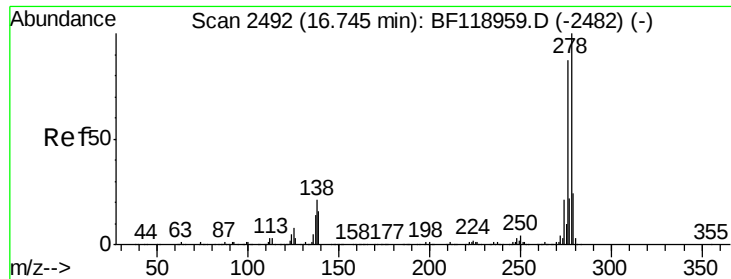
Tot Ion:252 Resp: 720292
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.746 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119242.D
Acq: 6 Mar 2020 6:47

Tgt Ion:252 Resp: 695246
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.640 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

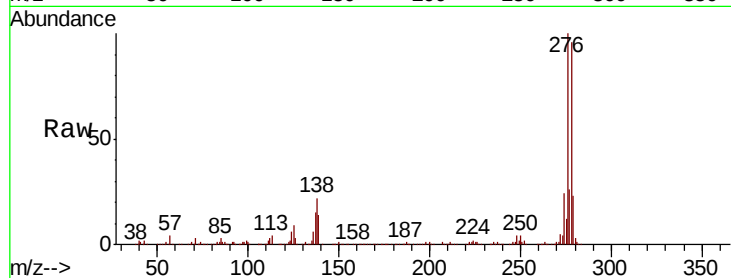
Tot Ion:278 Resp: 641641

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

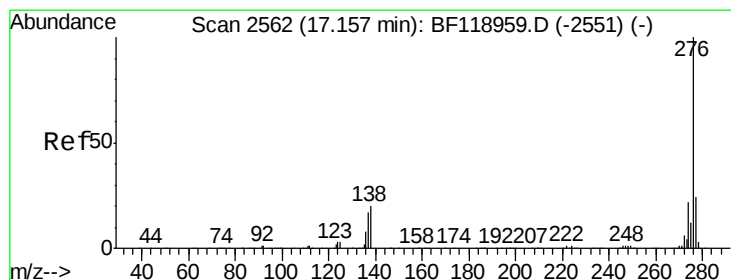
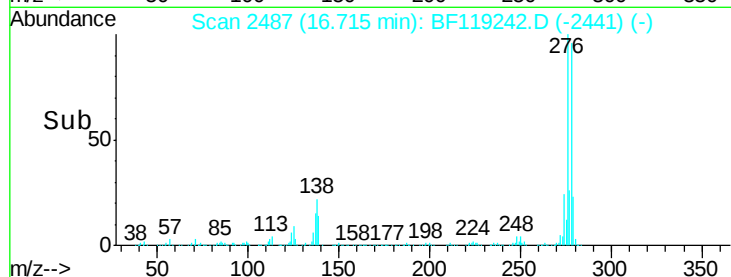
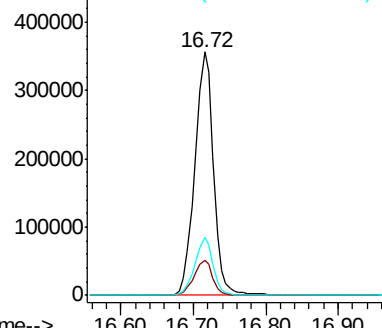
279 23.8 18.6 28.0



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: 37.015 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119242.D

Acq: 6 Mar 2020 6:47

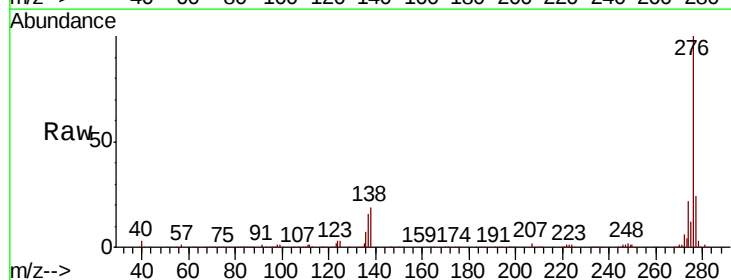
Tgt Ion:276 Resp: 577433

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 19.0 14.3 21.5



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

