

Data File : BF118512.D
Acq On : 8 Jan 2020 21:41
Operator : JU
Sample : L1013-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-010720

Quant Time: Jan 09 03:18:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	55219	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	240553	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	130990	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	231646	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	184530	20.00	ng	0.00
87) Perylene-d12	15.52	264	188746	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	115568	34.55	ng	0.00
7) Phenol-d6	6.46	99	142238	35.57	ng	-0.01
23) Nitrobenzene-d5	7.39	82	92660	20.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	43082	27.87	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	193030	21.13	ng	-0.01
79) Terphenyl-d14	12.96	244	213482	18.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	116	0.104	ng	# 29
9) Benzaldehyde	6.47	77	122	0.055	ng	# 1
10) Phenol	6.48	94	2548	0.575	ng	# 14
15) Benzyl Alcohol	6.98	79	1333	0.411	ng	# 48
17) 2-Methylphenol	7.29	107	289	0.096	ng	# 10
18) Hexachloroethane	7.36	117	795	0.481	ng	# 1
19) n-Nitroso-di-n-propylamine	7.39	70	13075	5.076	ng	# 74
20) 3+4-Methylphenols	7.29	107	289	0.071	ng	# 1
22) Acetophenone	7.22	105	1463	0.240	ng	# 51
24) Nitrobenzene	7.39	77	563	0.124	ng	# 38
25) Isophorone	7.39	82	92660	12.631	ng	# 64
27) 2,4-Dimethylphenol	7.93	122	283	0.094	ng	# 41
28) bis(2-Chloroethoxy)methane	8.00	93	116	0.024	ng	# 1
29) 2,4-Dichlorophenol	8.06	162	384	0.109	ng	# 25
31) Naphthalene	8.13	128	27808	2.210	ng	# 97
32) Benzoic acid	7.93	122	283	6.599	ng	# 1
33) 4-Chloroaniline	8.13	127	3682	0.711	ng	# 25
35) Caprolactam	8.53	113	526	0.495	ng	# 9
36) 4-Chloro-3-methylphenol	8.72	107	118	0.031	ng	# 18
37) 2-Methylnaphthalene	8.83	142	15963	1.848	ng	# 92
38) 1-Methylnaphthalene	8.83	142	15963	1.969	ng	# 90
46) 1,1'-Biphenyl	9.29	154	4725	0.441	ng	# 98
47) 2-Chloronaphthalene	9.37	162	317	0.037	ng	# 36
48) 2-Nitroaniline	9.43	65	351	0.143	ng	# 1
49) Acenaphthylene	9.74	152	158422	12.564	ng	# 97
50) Dimethylphthalate	9.59	163	11942	1.188	ng	# 97
51) 2,6-Dinitrotoluene	9.59	165	625	0.289	ng	# 32
52) Acenaphthene	9.91	154	21423	2.782	ng	# 96
53) 3-Nitroaniline	9.85	138	111	0.044	ng	# 6
54) 2,4-Dinitrophenol	9.92	184	1273	6.130	ng	# 1
55) Dibenzofuran	10.08	168	32017	2.768	ng	# 95
56) 4-Nitrophenol	9.99	139	770	0.625	ng	# 63
57) 2,4-Dinitrotoluene	10.04	165	1644	0.567	ng	# 45
58) Fluorene	10.43	166	58878	6.334	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.28	149	1599	0.156	ng	# 26
61) 4-Chlorophenyl-phenylether	10.23	204	567	0.122	ng	# 21
62) 4-Nitroaniline	10.42	138	927	0.373	ng	# 40
63) Azobenzene	10.57	77	545	0.063	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	1900	0.252	ng	# 62
67) 4-Bromophenyl-phenylether	10.67	248	2741	1.010	ng	# 1
69) Atrazine	11.06	200	500	0.223	ng	# 22
71) Phenanthrene	11.40	178	482250	37.163	ng	100
72) Anthracene	11.45	178	153593	11.898	ng	98
73) Carbazole	11.60	167	39625	3.543	ng	96
74) Di-n-butylphthalate	11.91	149	424	0.028	ng	# 1
75) Fluoranthene	12.60	202	922886	69.972	ng	99
77) Benzidine	12.74	184	292	Below Cal		# 1
78) Pyrene	12.83	202	880767	58.013	ng	99
80) Butylbenzylphthalate	13.44	149	648	0.093	ng	# 22
81) Benzo(a)anthracene	14.02	228	670656	51.924	ng	94
82) 3,3'-Dichlorobenzidine	13.99	252	802	0.191	ng	# 46
83) Chrysene	14.06	228	588188	46.863	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	1554	0.165	ng	# 92
85) Di-n-octyl phthalate	14.62	149	1055	0.078	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.03	276	294753	29.170	ng	94
88) Benzo(b)fluoranthene	15.09	252	947334	69.422	ng	# 96
89) Benzo(k)fluoranthene	15.09	252	947334	72.730	ng	# 94
90) Benzo(a)pyrene	15.46	252	518856	46.398	ng	98
91) Dibenzo(a,h)anthracene	17.20	278	65436	6.240	ng	93
92) Benzo(g,h,i)perylene	17.48	276	259023	26.071	ng	97

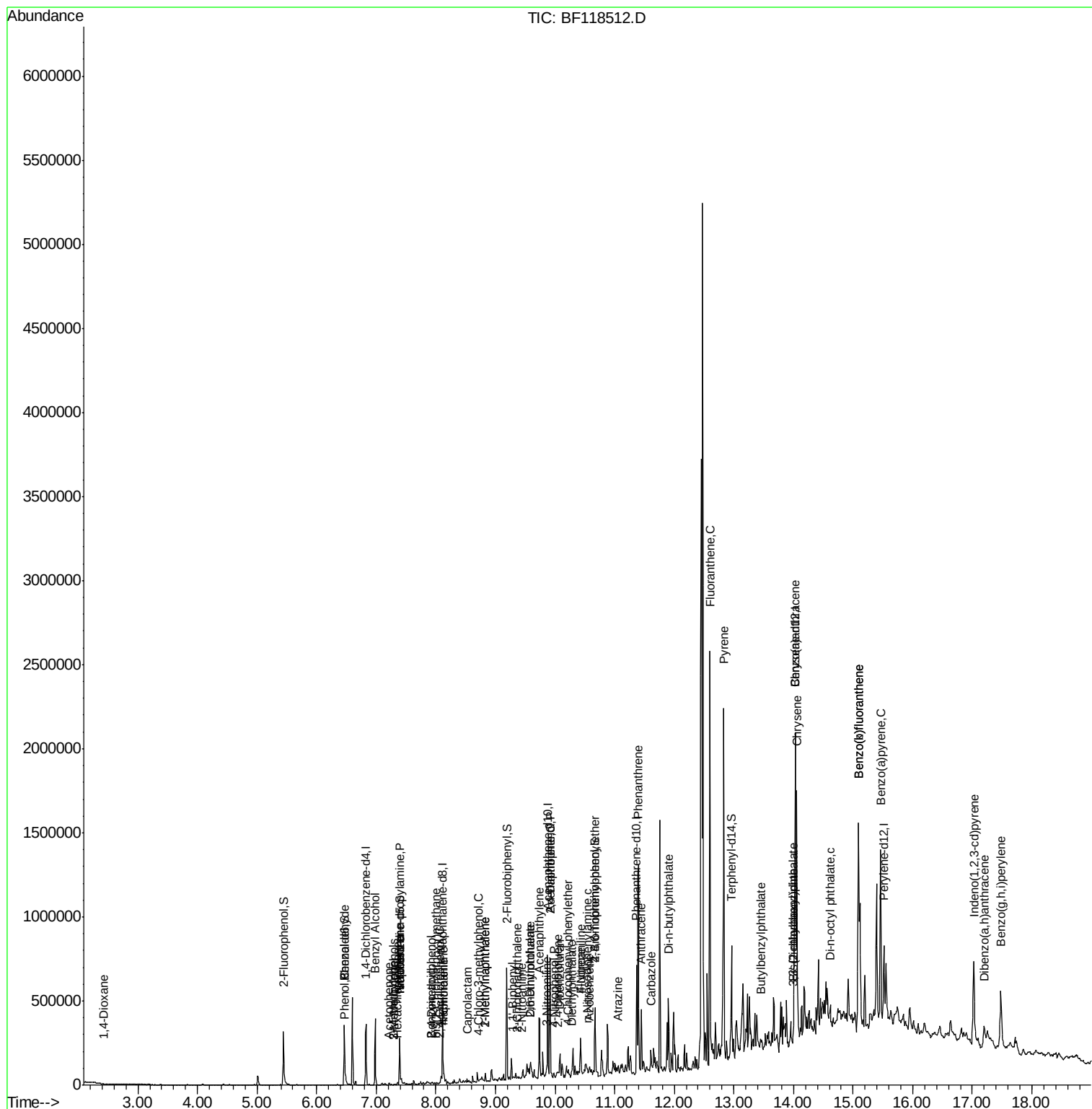
(#) = qualifier out of range (m) = manual integration (+) = signals summed

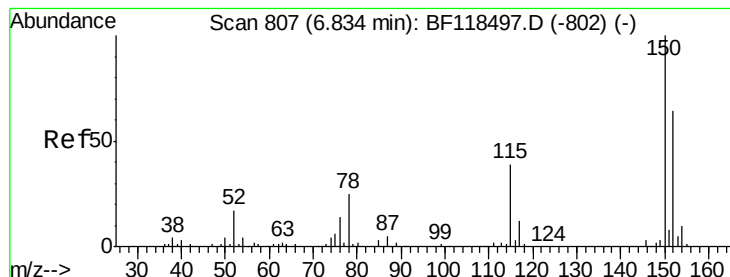
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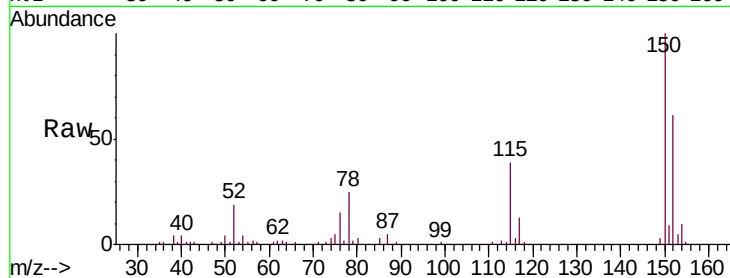


#1

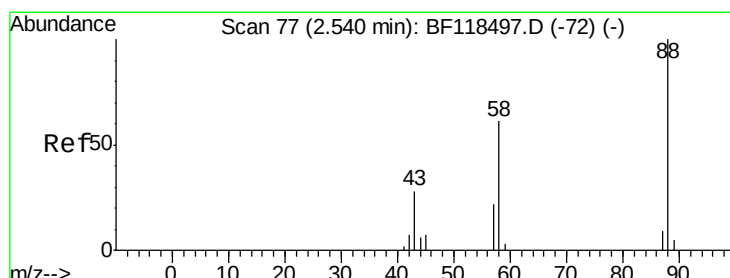
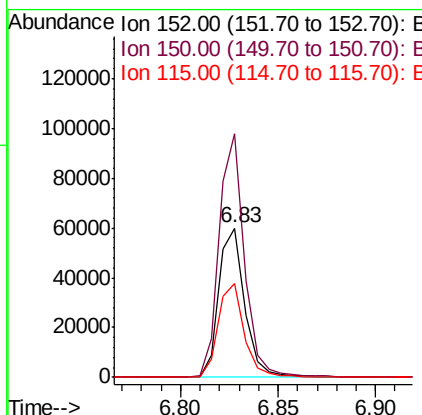
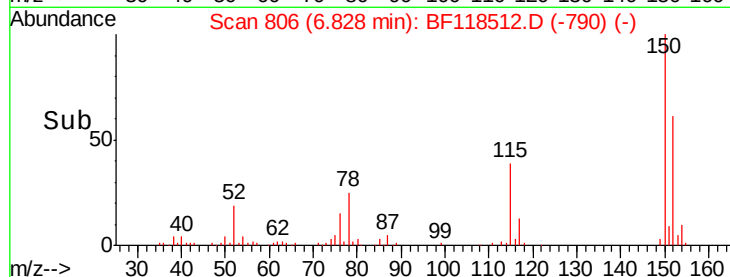
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-010720

Tgt Ion:152 Resp: 55219
 Ion Ratio Lower Upper
 152 100
 150 163.4 124.7 187.1
 115 63.3 49.0 73.6



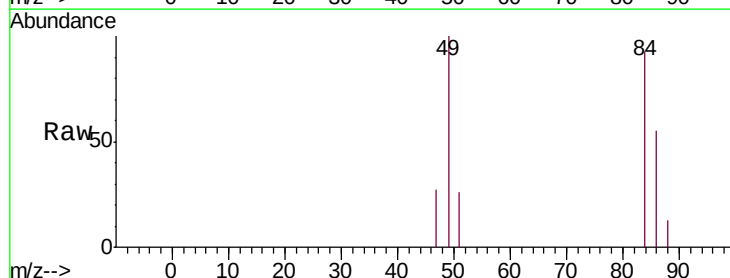
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



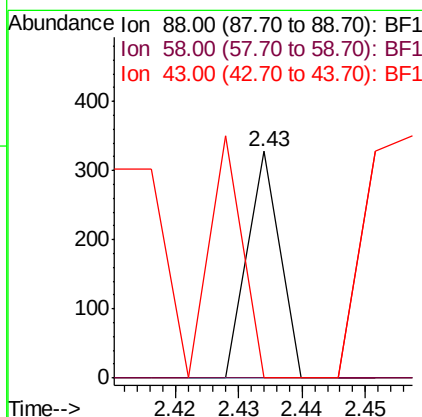
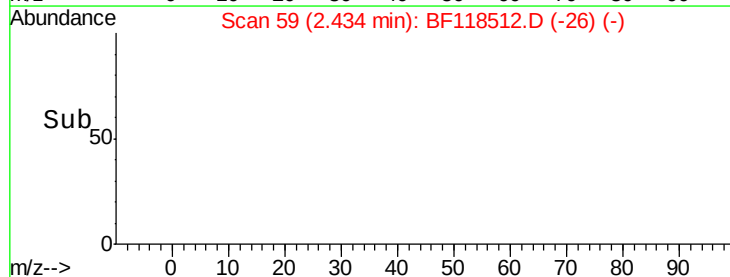
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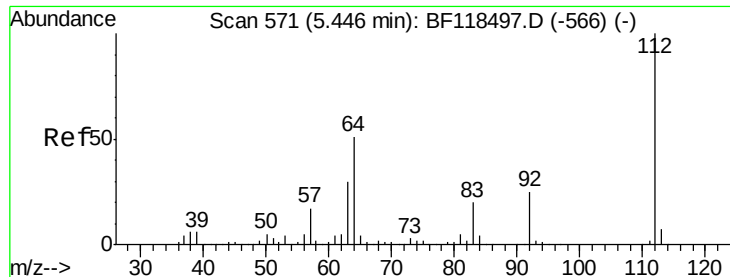
1,4-Dioxane
 Concen: 0.104 ng
 RT: 2.43 min Scan# 59
 Delta R.T. -0.11 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Tgt Ion: 88 Resp: 116
 Ion Ratio Lower Upper
 88 100
 58 0.0 48.3 72.5#
 43 0.0 23.4 35.0#



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





#5

2-Fluorophenol

Concen: 34.549 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF118512.D

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PL-01-010720

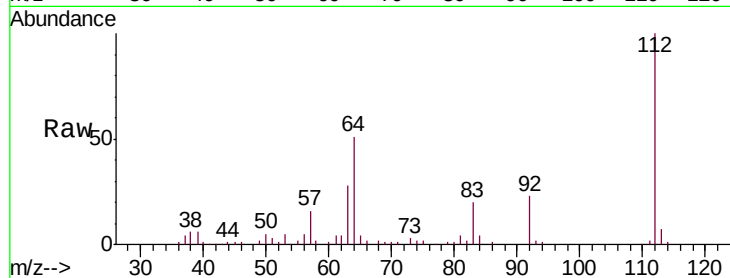
Tgt Ion: 112 Resp: 115568

Ion Ratio Lower Upper

112 100

64 50.6 41.1 61.7

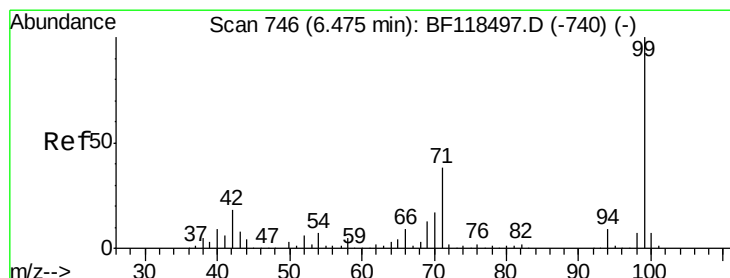
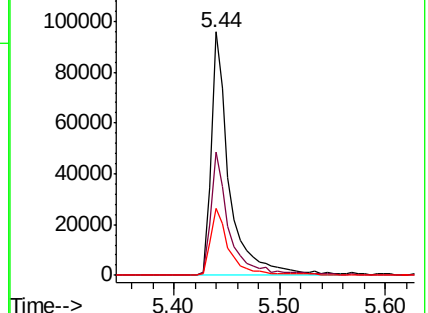
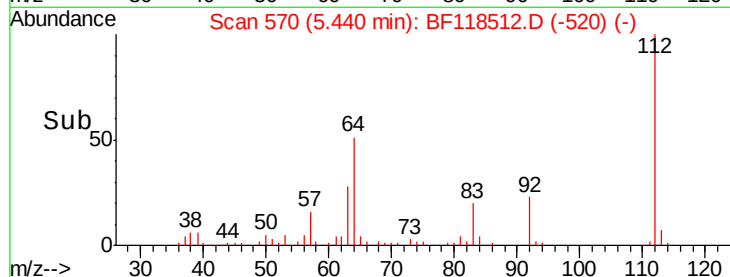
63 27.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 35.566 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

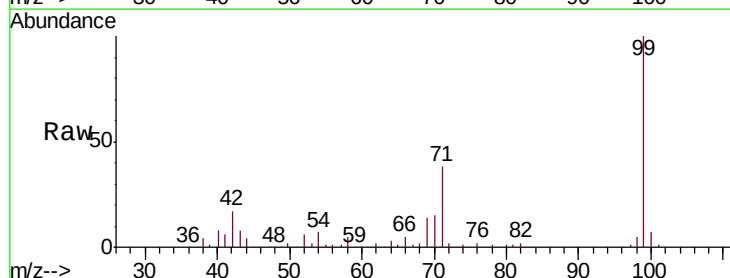
Tgt Ion: 99 Resp: 142238

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

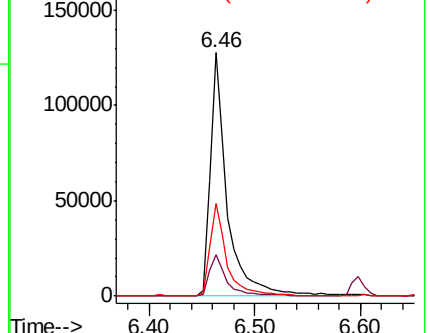
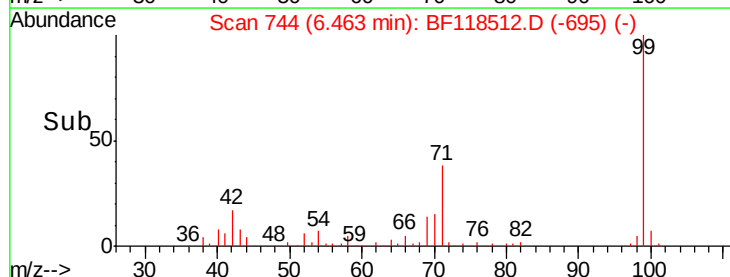
71 38.2 30.6 45.8

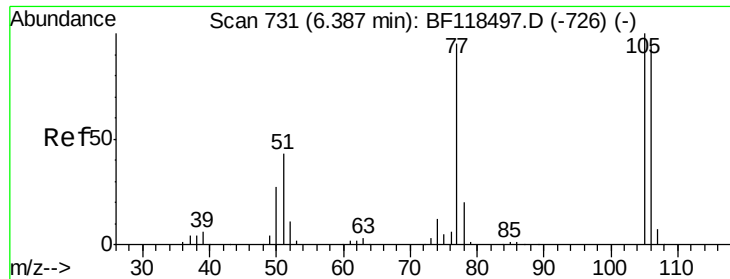


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.055 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.08 min

Lab File: BF118512.D

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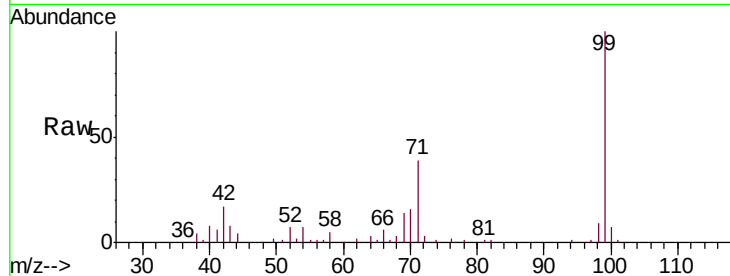
Tgt Ion: 77 Resp: 122

Ion Ratio Lower Upper

77 100

105 0.0 85.4 125.4#

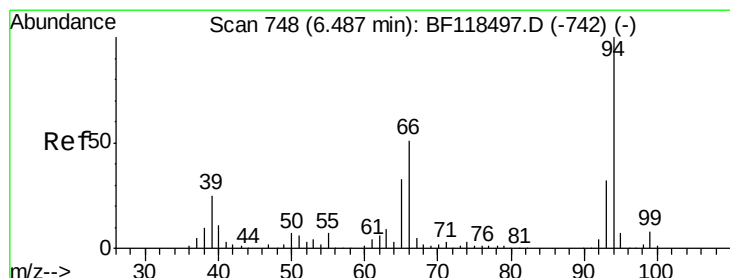
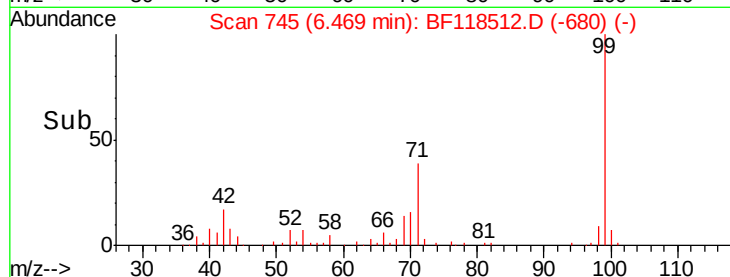
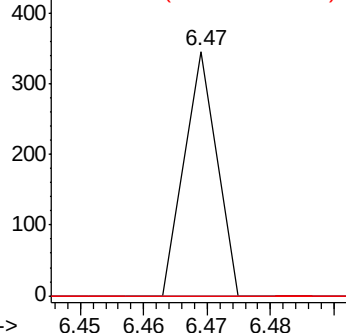
106 0.0 79.5 119.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.575 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

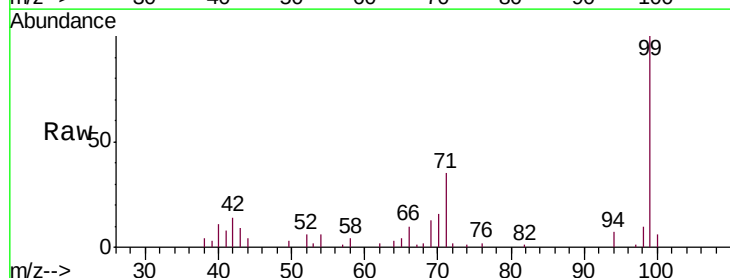
Tgt Ion: 94 Resp: 2548

Ion Ratio Lower Upper

94 100

65 50.2 13.3 53.3

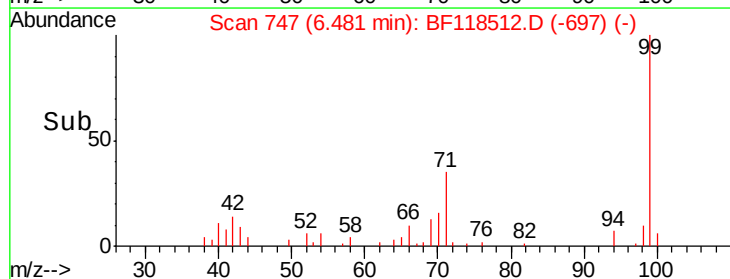
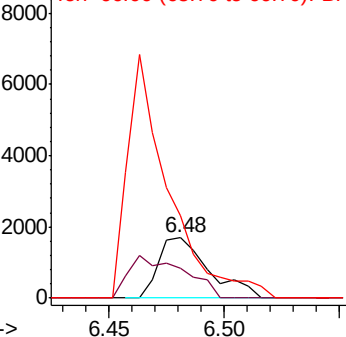
66 136.4 30.9 70.9#

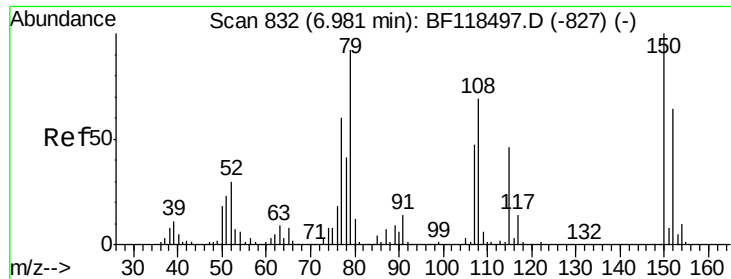


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

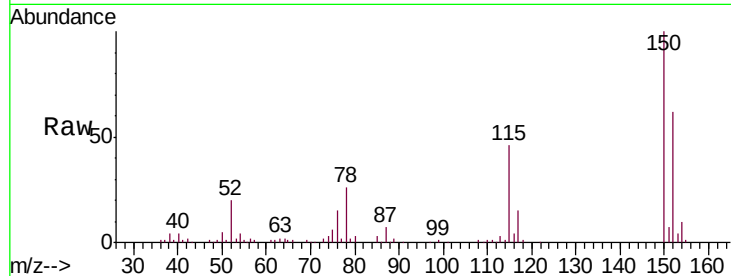




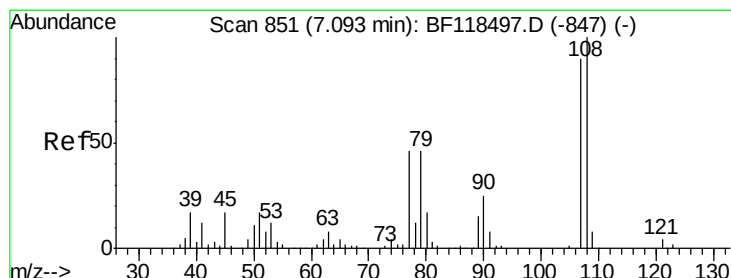
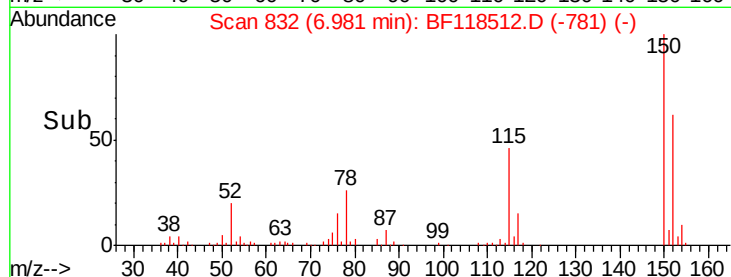
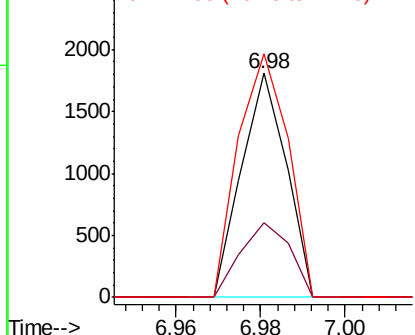
#15
Benzyl Alcohol
Concen: 0.411 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
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Tgt Ion: 79 Resp: 1333
Ion Ratio Lower Upper
79 100
108 33.3 60.2 90.2#
77 108.8 51.8 77.8#

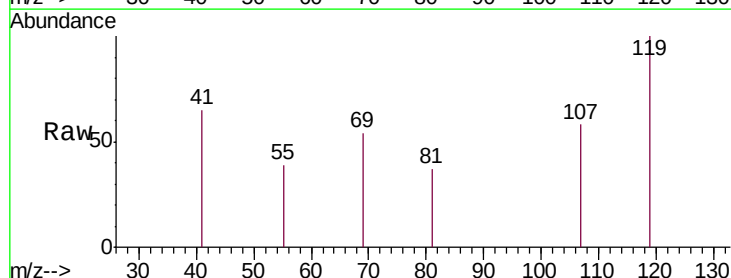


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

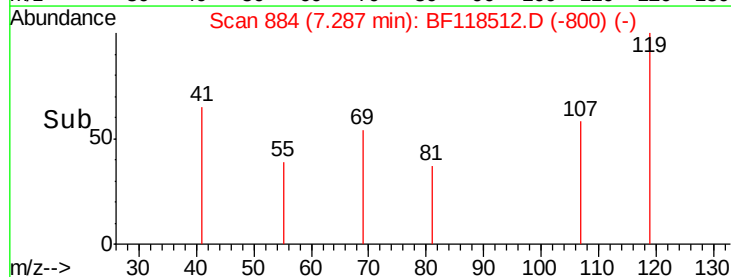
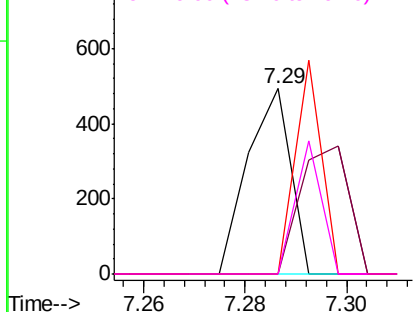


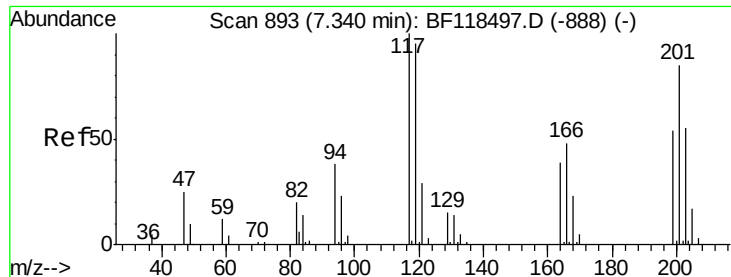
#17
2-Methylphenol
Concen: 0.096 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.19 min
Lab File: BF118512.D
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Tgt Ion: 107 Resp: 289
Ion Ratio Lower Upper
107 100
108 0.0 88.9 133.3#
77 0.0 41.2 61.8#
79 0.0 41.6 62.4#



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: 0.481 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.02 min

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PL-01-010720

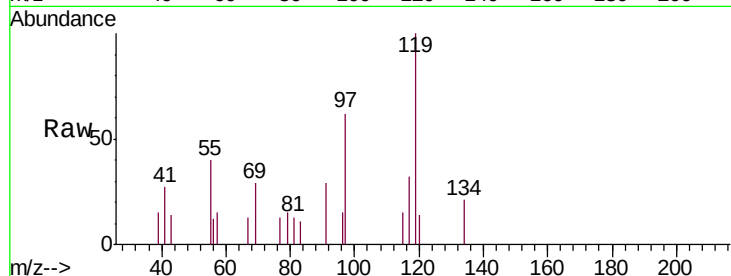
Tgt Ion:117 Resp: 795

Ion Ratio Lower Upper

117 100

119 311.1 76.2 114.4#

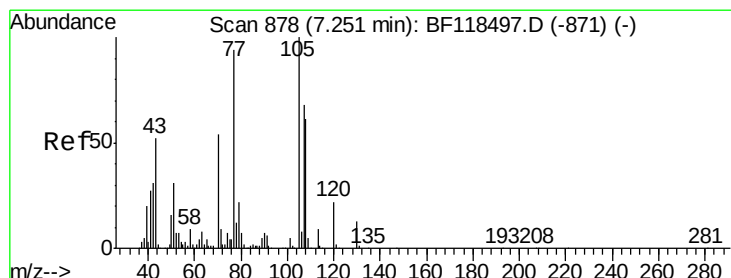
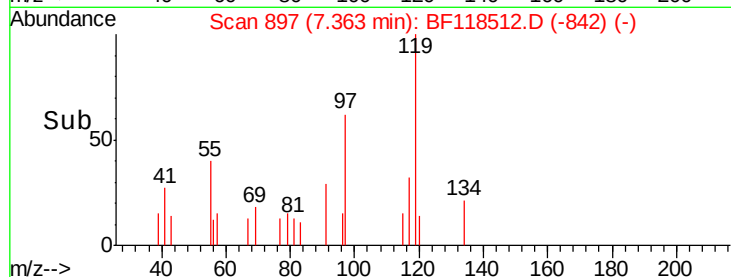
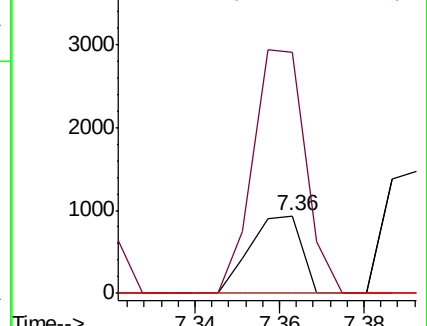
201 0.0 67.7 101.5#



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: 5.076 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Tgt Ion: 70 Resp: 13075

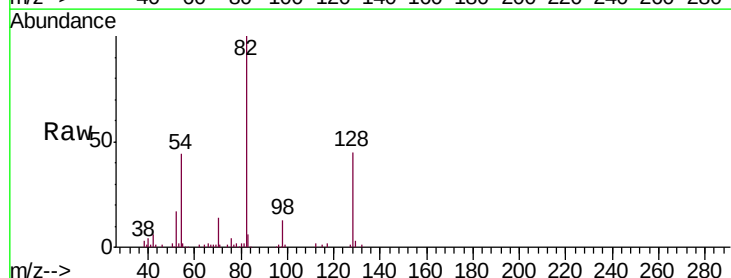
Ion Ratio Lower Upper

70 100

42 45.5 45.6 68.4#

101 0.0 8.2 12.2#

130 0.0 19.2 28.8#

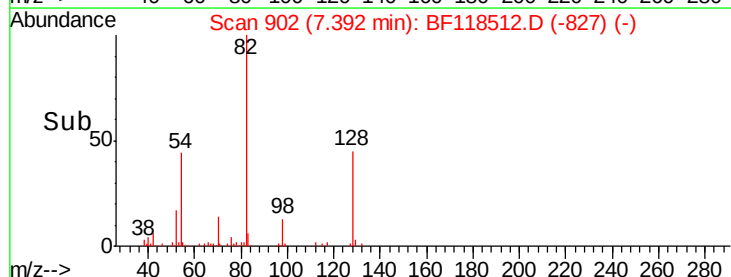
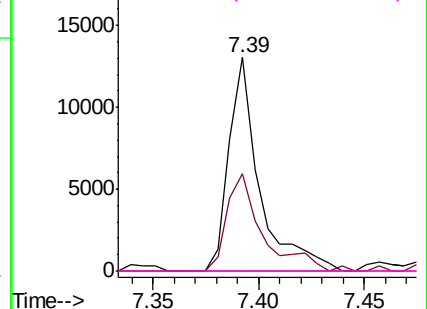


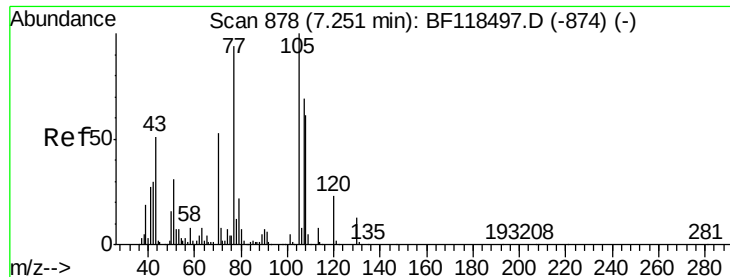
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.071 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.04 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

Tgt Ion:107 Resp: 289

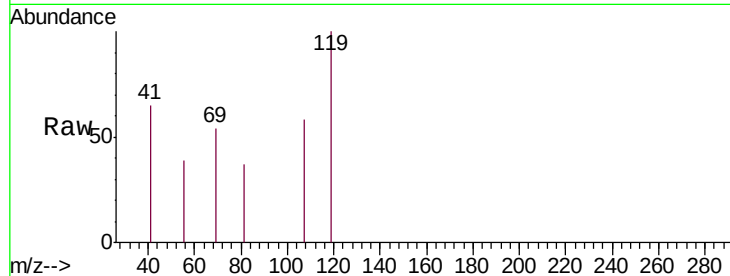
Ion Ratio Lower Upper

107 100

108 0.0 68.9 108.9#

77 0.0 116.8 156.8#

79 0.0 11.7 51.7#



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

800

600

400

200

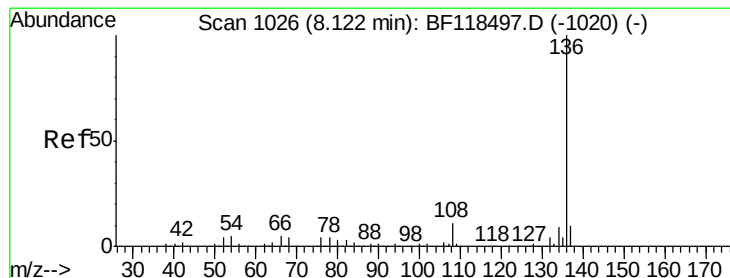
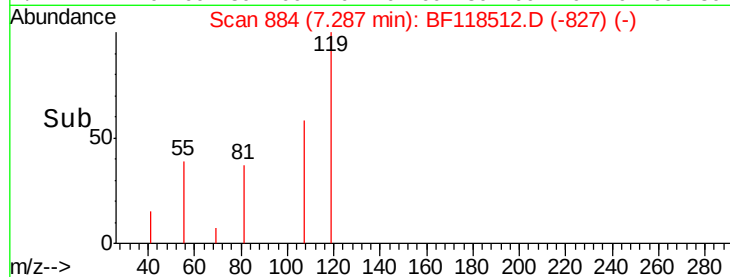
0

7.26

7.28

7.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Tgt Ion:136 Resp: 240553

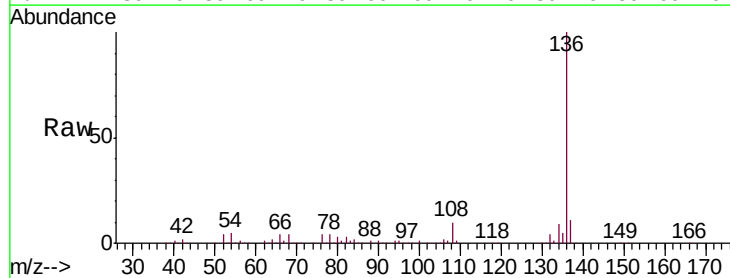
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 5.3 4.2 6.2

68 4.0 3.3 4.9



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

400000

300000

200000

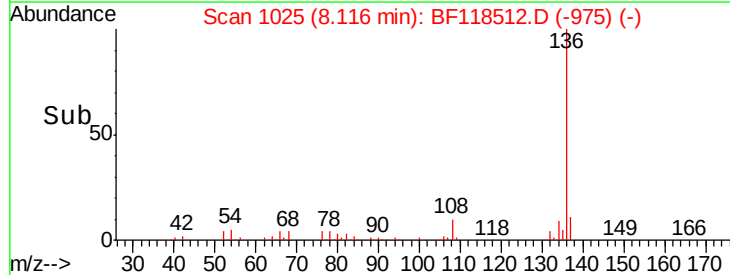
100000

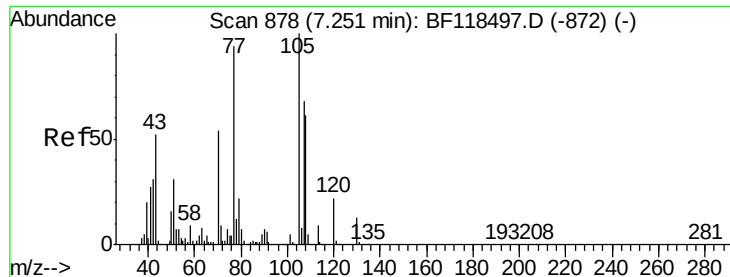
0

8.10

8.20

Time-->





#22

Acetophenone

Concen: 0.240 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.03 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

Tgt Ion: 105 Resp: 1463

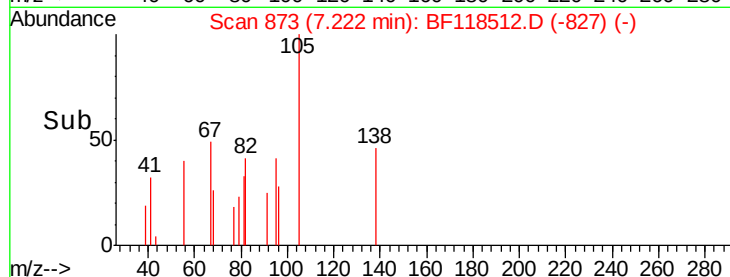
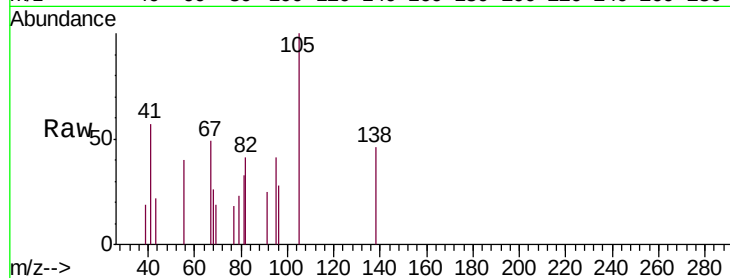
Ion Ratio Lower Upper

105 100

71 0.0 6.9 10.3#

51 0.0 25.0 37.4#

120 0.0 18.0 27.0#

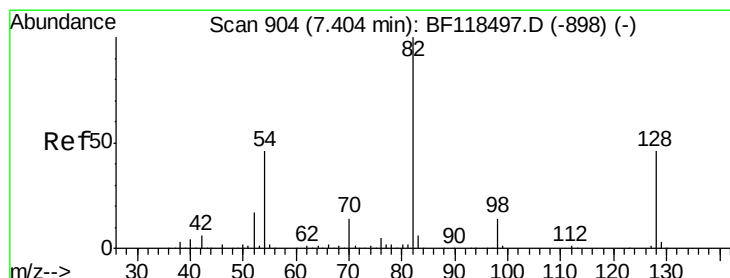
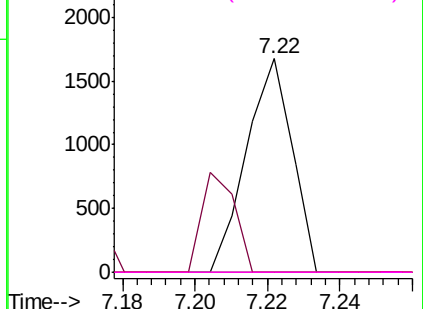


Abundance Ion 105.00 (104.70 to 105.70): E

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: 20.235 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

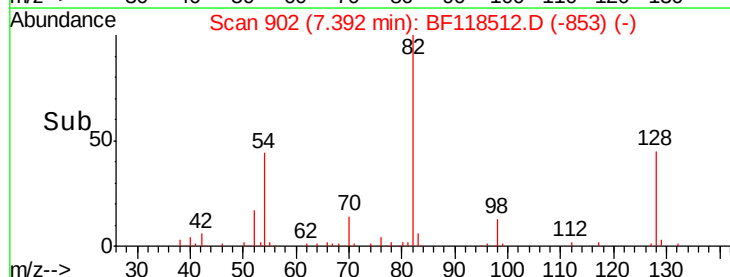
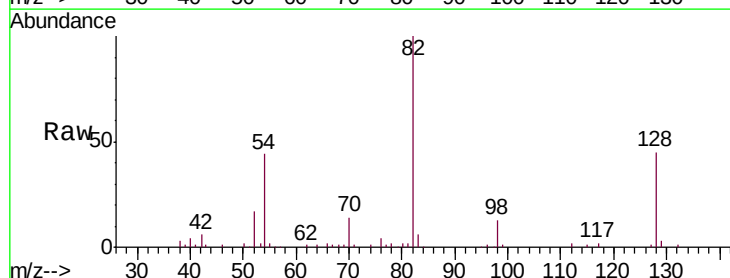
Tgt Ion: 82 Resp: 92660

Ion Ratio Lower Upper

82 100

128 44.6 36.6 54.8

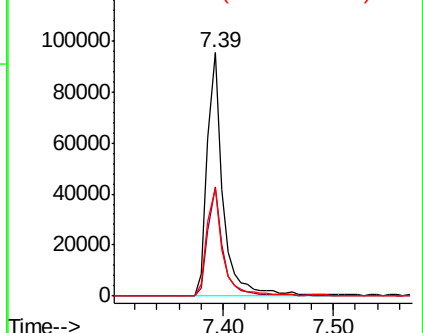
54 44.2 37.0 55.6

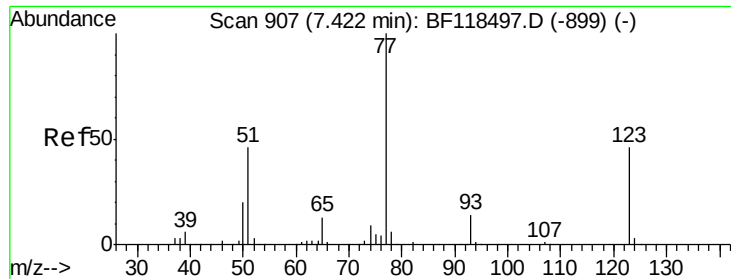


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.124 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

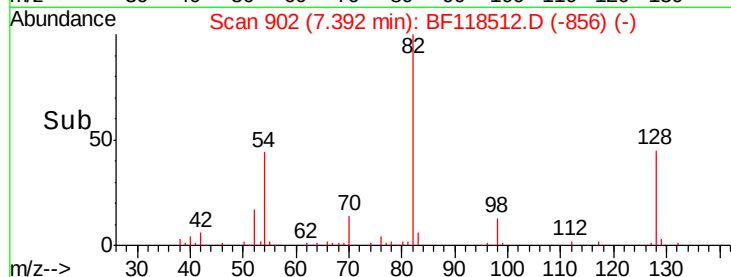
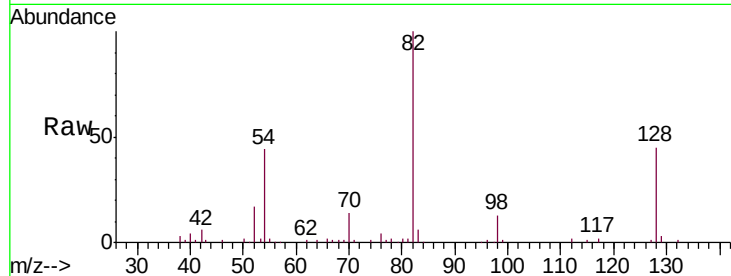
Tgt Ion: 77 Resp: 563

Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.4#

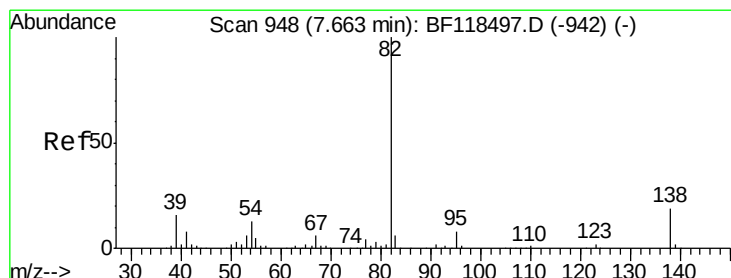
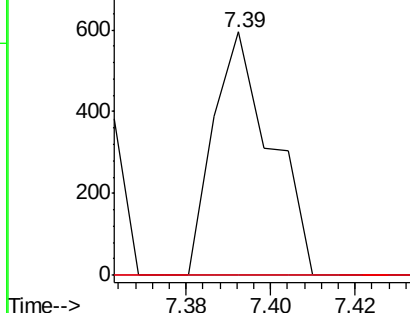
65 0.0 10.7 16.1#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 12.631 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

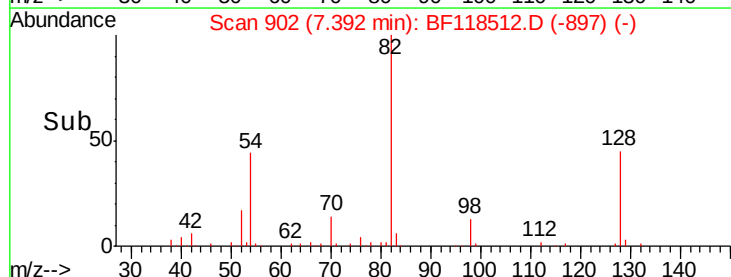
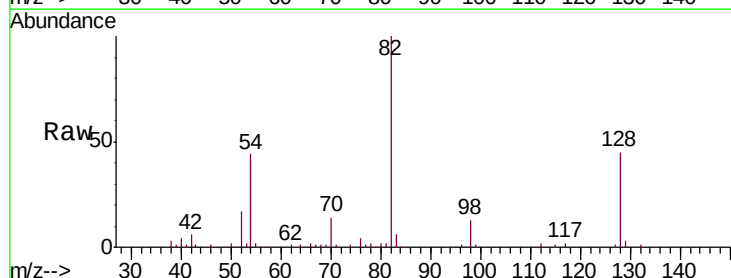
Tgt Ion: 82 Resp: 92660

Ion Ratio Lower Upper

82 100

95 0.4 6.6 9.8#

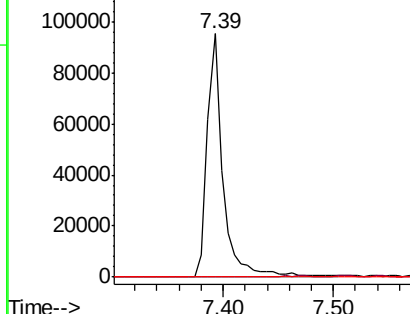
138 0.0 15.4 23.2#

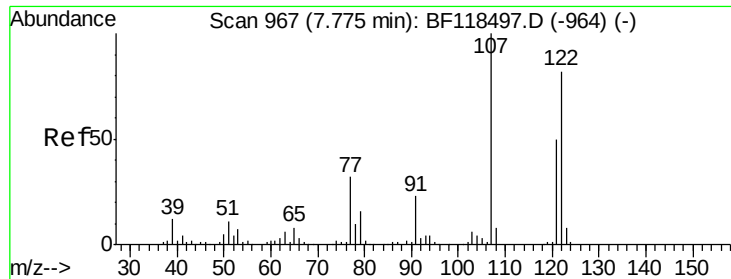


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

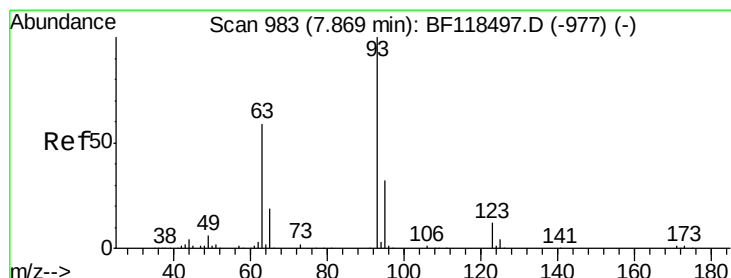
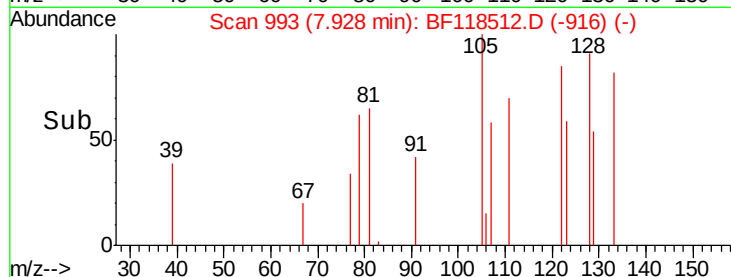
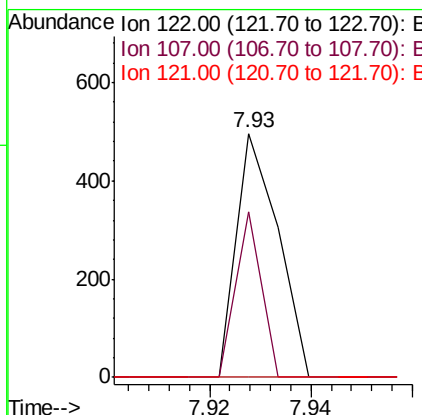
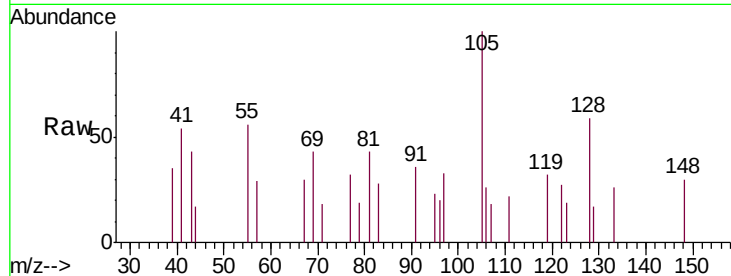




#27
 2,4-Dimethylphenol
 Concen: 0.094 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.15 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

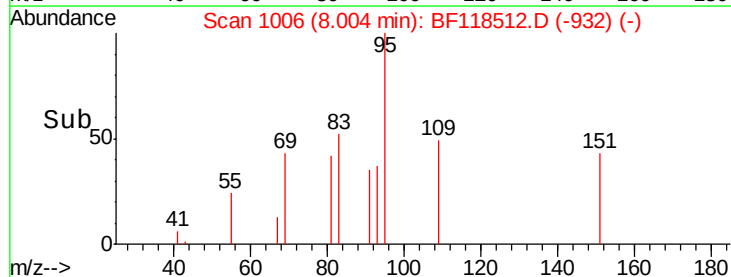
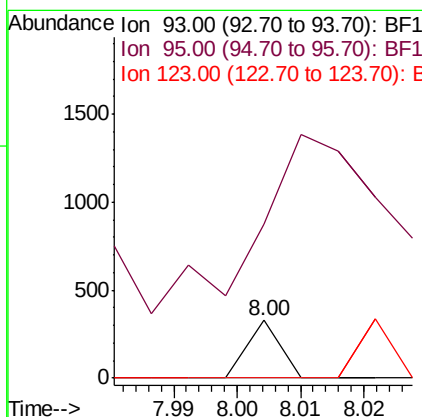
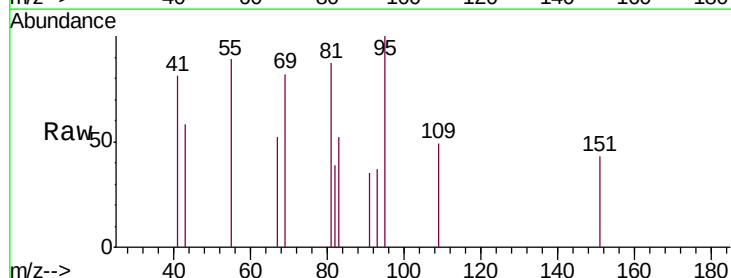
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-010720

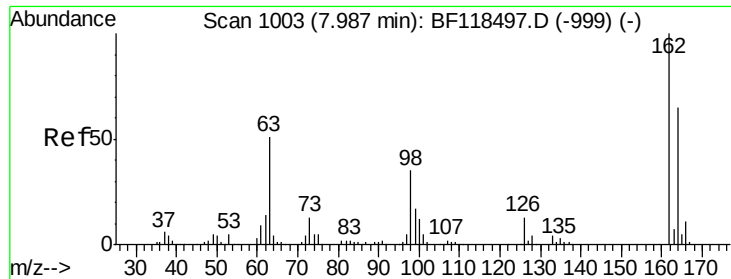
Tgt Ion: 122 Resp: 283
 Ion Ratio Lower Upper
 122 100
 107 67.7 97.9 146.9#
 121 0.0 49.0 73.4#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.024 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.14 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Tgt Ion: 93 Resp: 116
 Ion Ratio Lower Upper
 93 100
 95 267.1 25.9 38.9#
 123 0.0 9.7 14.5#

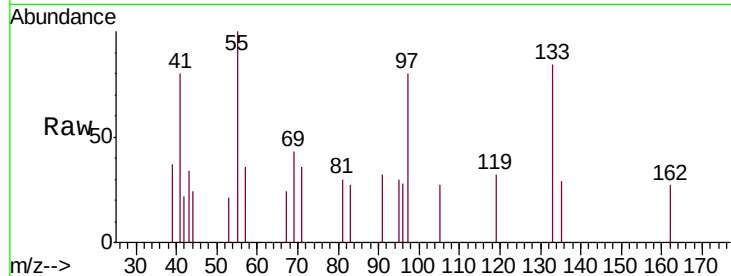




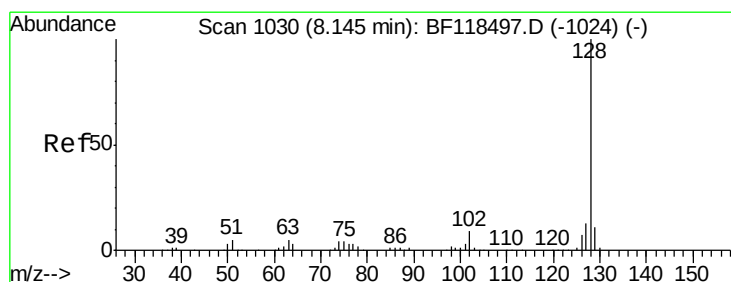
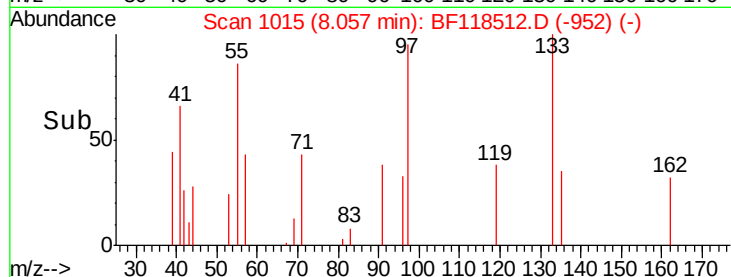
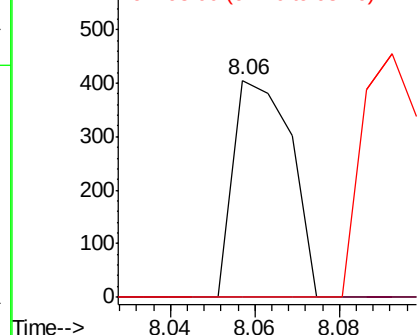
#29
2,4-Dichlorophenol
Concen: 0.109 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.07 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Instrument :
BNA_F
ClientSampleId :
PL-01-010720

Tgt Ion:162 Resp: 384
Ion Ratio Lower Upper
162 100
164 0.0 44.8 84.8#
98 0.0 15.1 55.1#

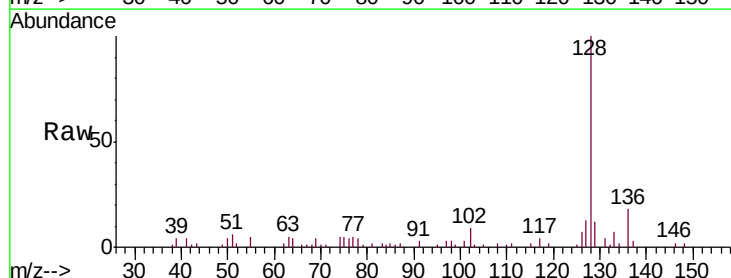


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

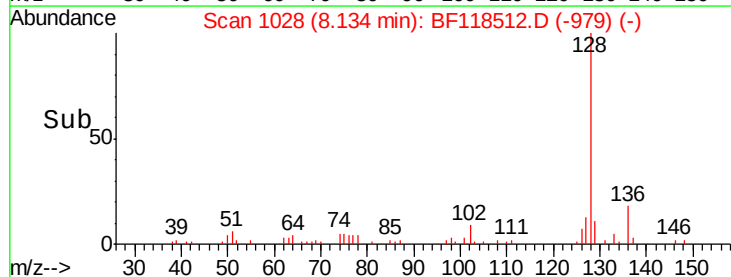
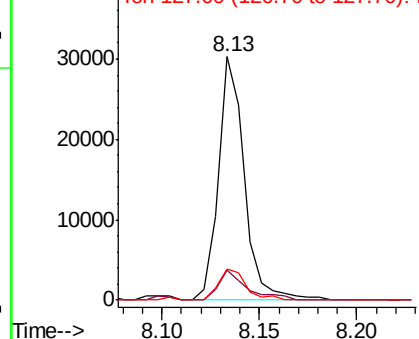


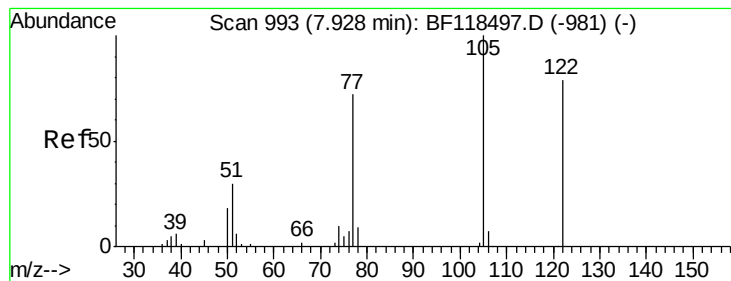
#31
Naphthalene
Concen: 2.210 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:128 Resp: 27808
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 12.6 10.7 16.1



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: 6.599 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

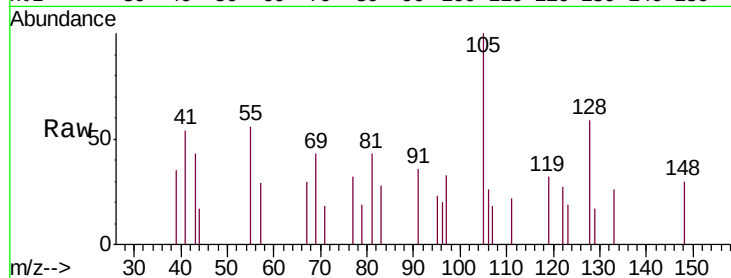
Tgt Ion:122 Resp: 283

Ion Ratio Lower Upper

122 100

105 372.0 105.7 145.7#

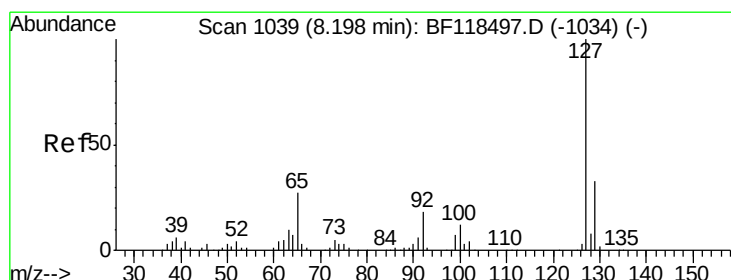
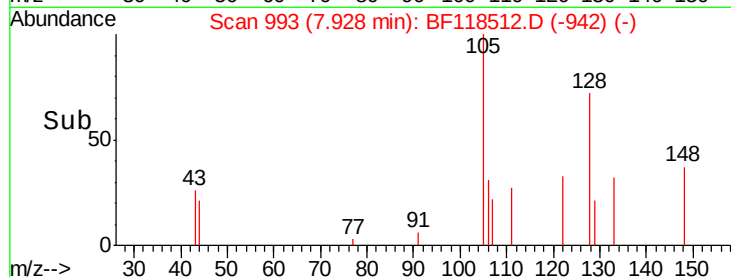
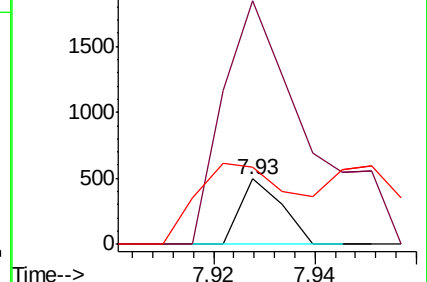
77 117.3 71.0 111.0#



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: 0.711 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.06 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Tgt Ion:127 Resp: 3682

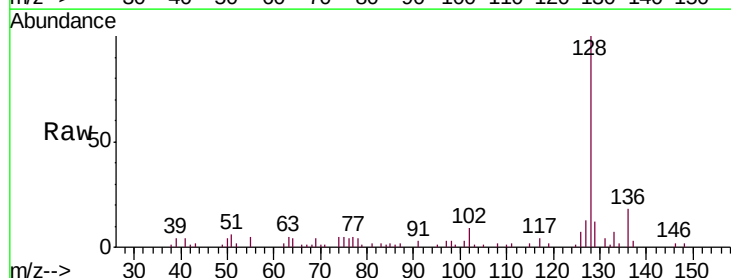
Ion Ratio Lower Upper

127 100

129 96.5 26.2 39.4#

65 0.0 21.6 32.4#

92 0.0 14.3 21.5#

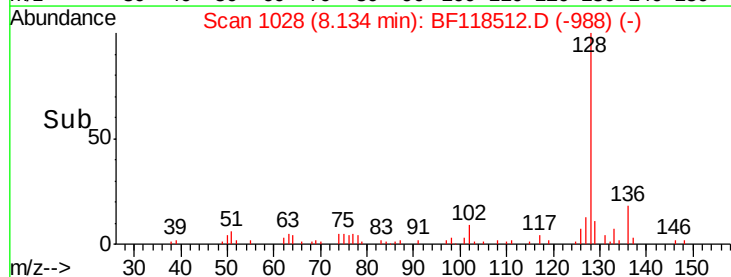
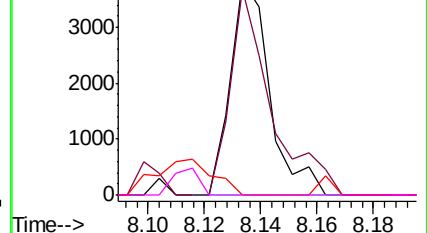


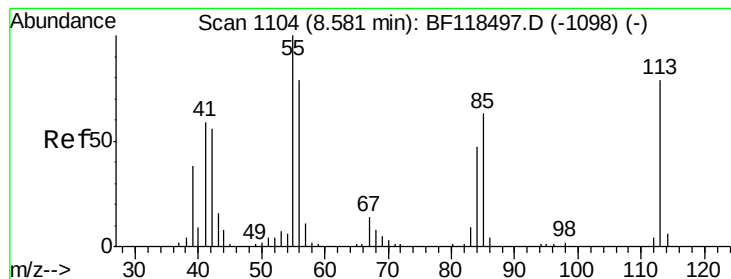
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.495 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

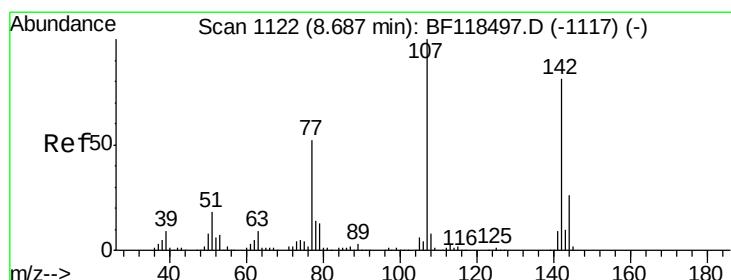
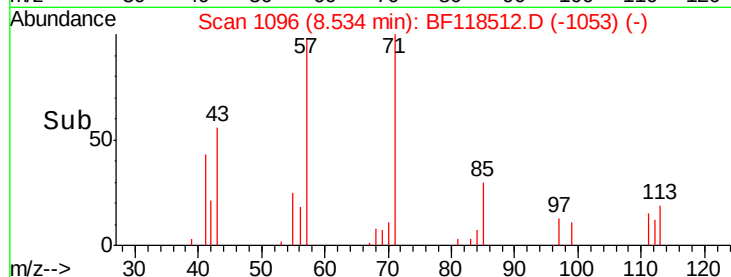
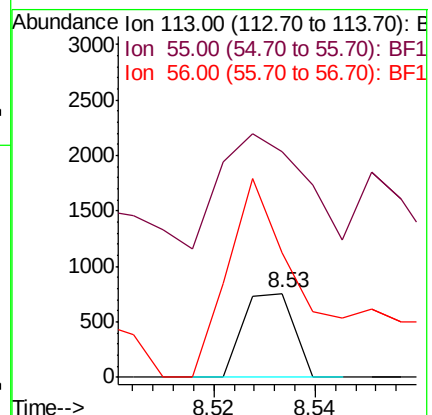
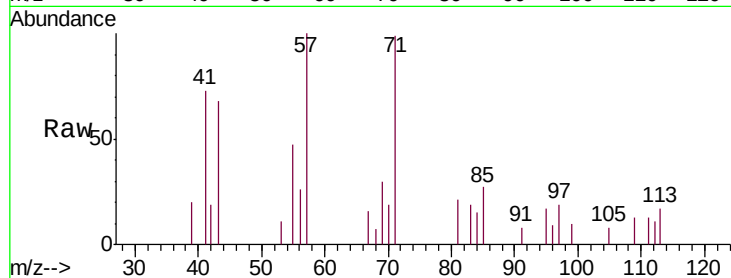
Tgt Ion:113 Resp: 526

Ion Ratio Lower Upper

113 100

55 268.7 106.5 146.5#

56 148.7 80.1 120.1#



#36

4-Chloro-3-methylphenol

Concen: 0.031 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.03 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

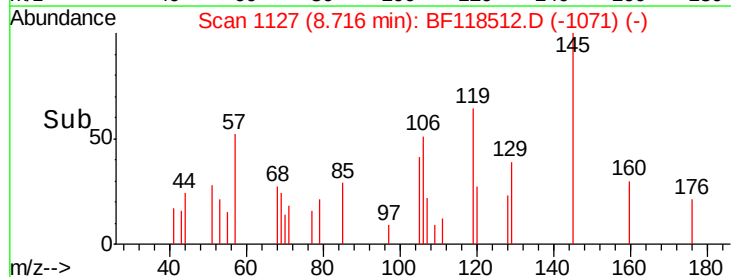
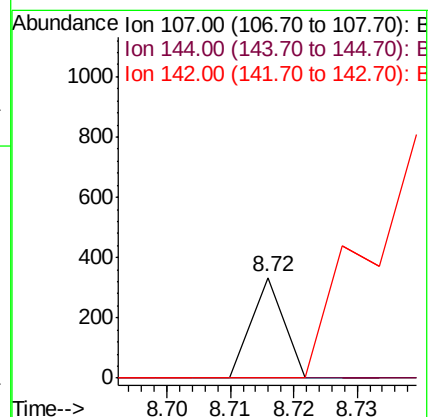
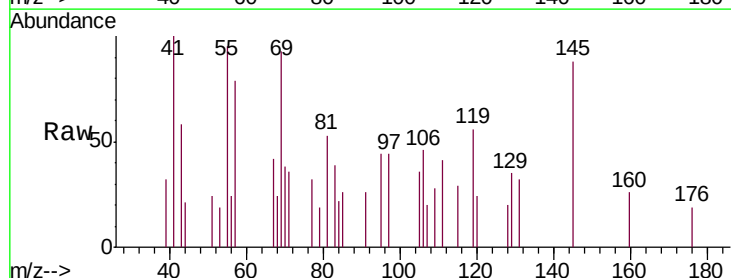
Tgt Ion:107 Resp: 118

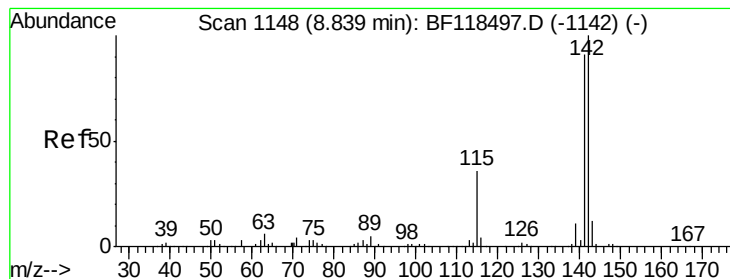
Ion Ratio Lower Upper

107 100

144 0.0 20.6 31.0#

142 0.0 65.0 97.4#





#37

2-Methylnaphthalene

Concen: 1.848 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

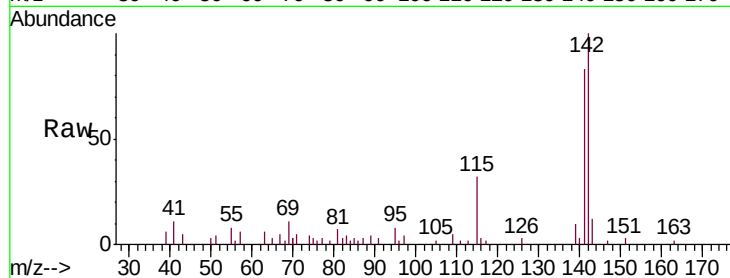
Tgt Ion:142 Resp: 15963

Ion Ratio Lower Upper

142 100

141 83.0 73.0 109.6

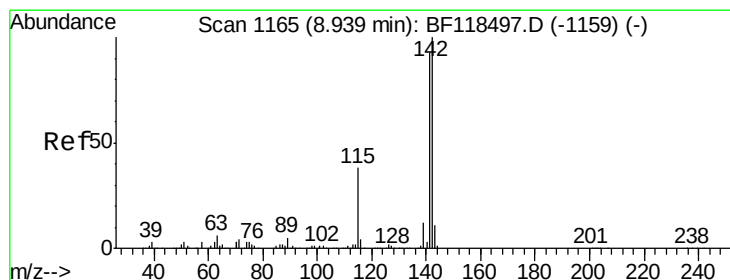
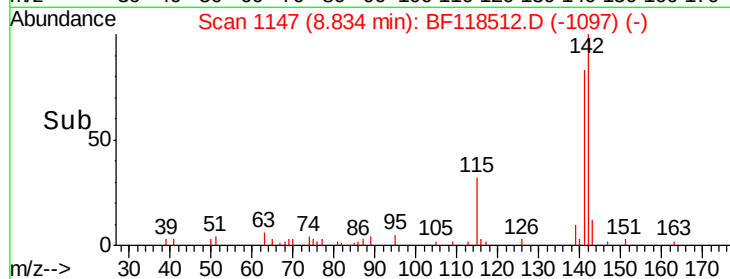
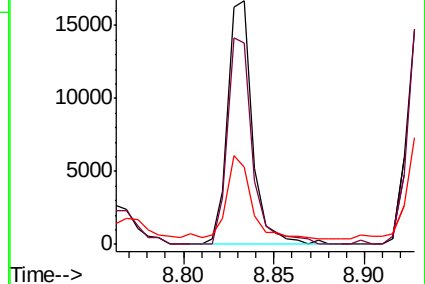
115 32.0 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 1.969 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.11 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

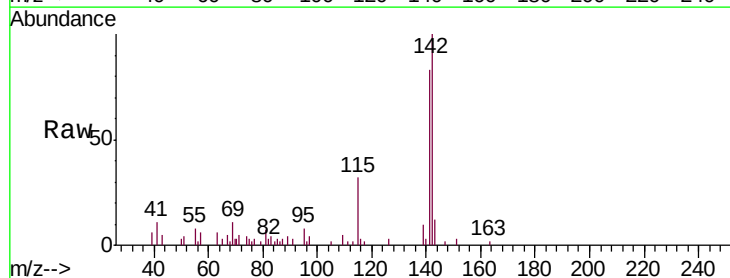
Tgt Ion:142 Resp: 15963

Ion Ratio Lower Upper

142 100

141 83.0 74.3 111.5

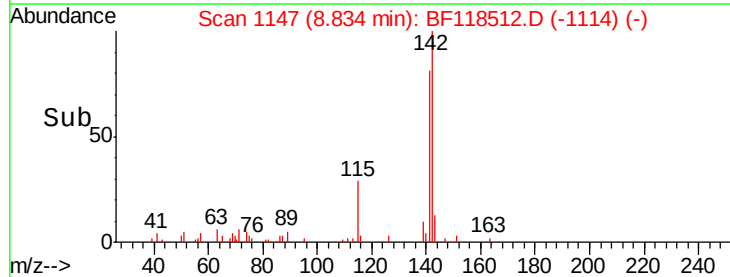
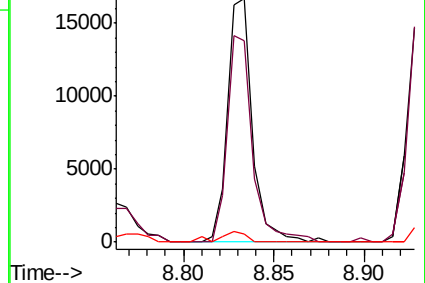
116 3.3 3.2 4.8

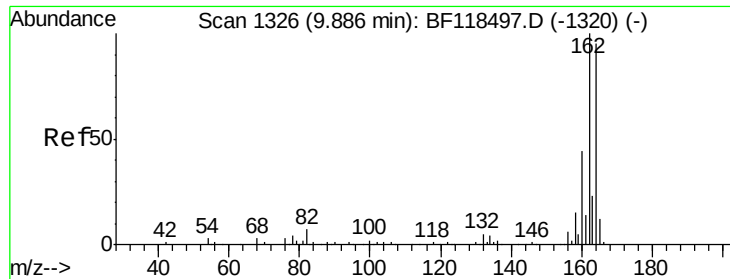


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

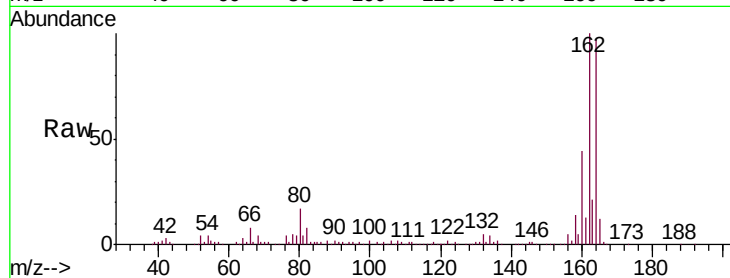




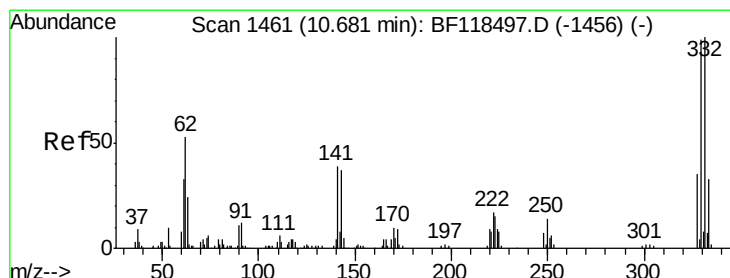
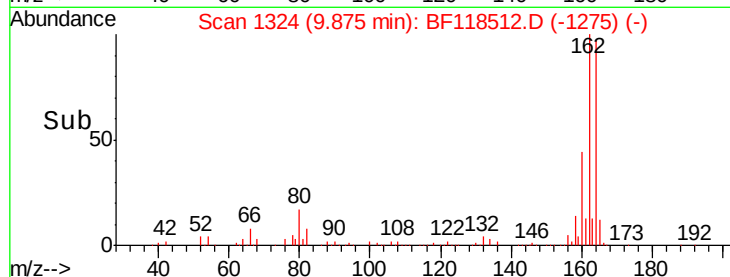
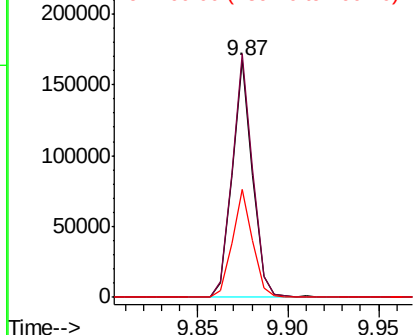
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-010720

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.2	126.4
160	45.4	36.8	55.2

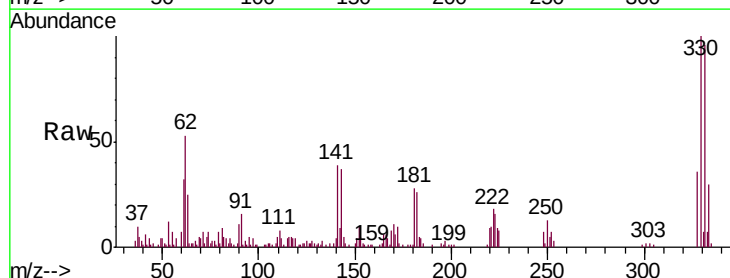


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

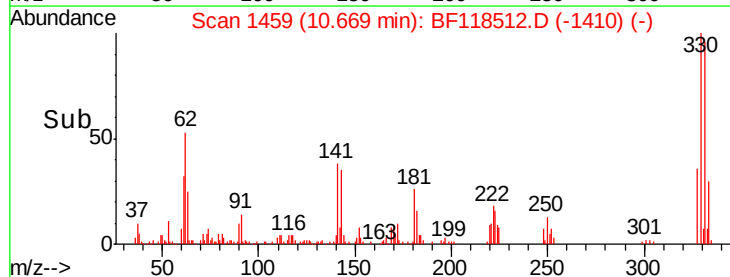
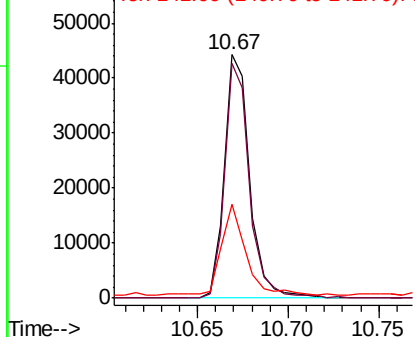


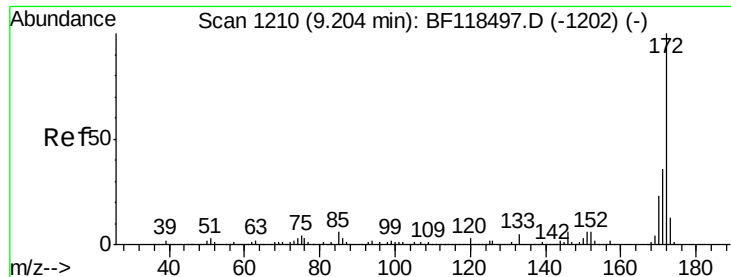
#42
 2,4,6-Tribromophenol
 Concen: 27.873 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.9	116.9
141	36.7	28.6	43.0



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

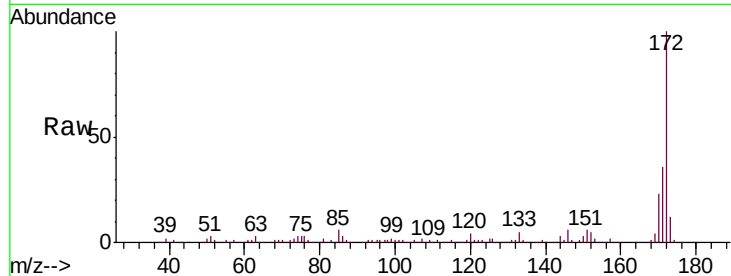




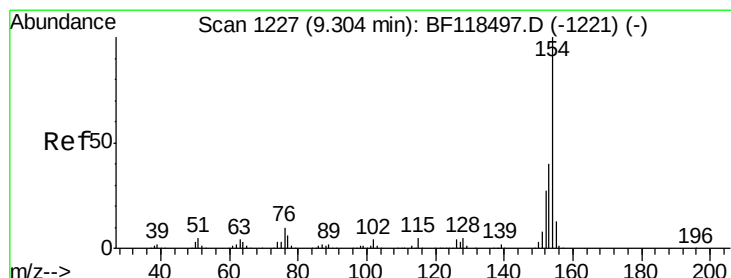
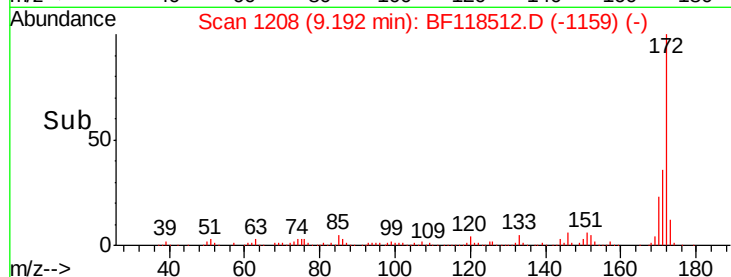
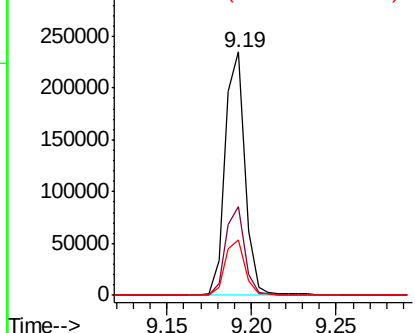
#45
2-Fluorobiphenyl
Concen: 21.135 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Instrument :
BNA_F
ClientSampleId :
PL-01-010720

Tgt Ion:172 Resp: 193030
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 22.9 18.6 27.8

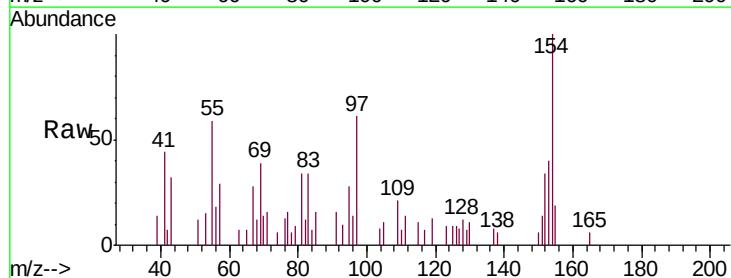


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

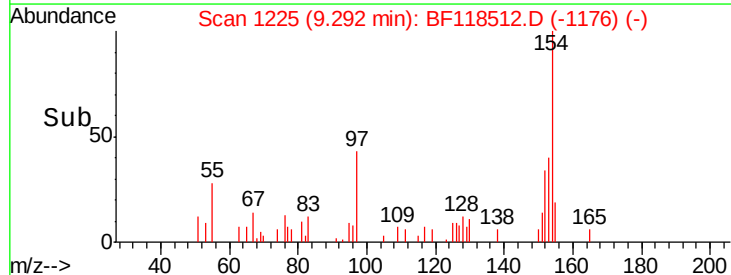
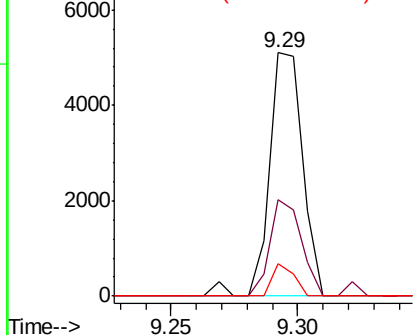


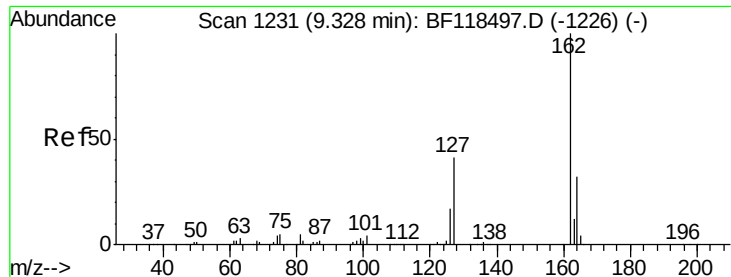
#46
1,1'-Biphenyl
Concen: 0.441 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:154 Resp: 4725
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 13.3 0.0 30.4



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

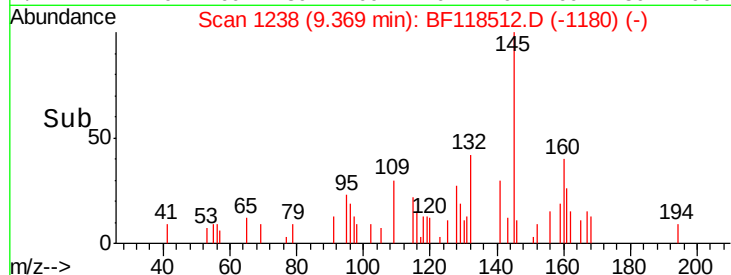
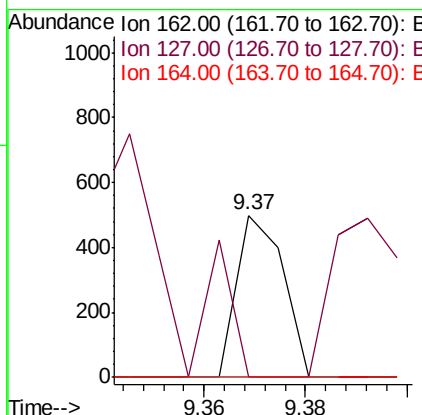
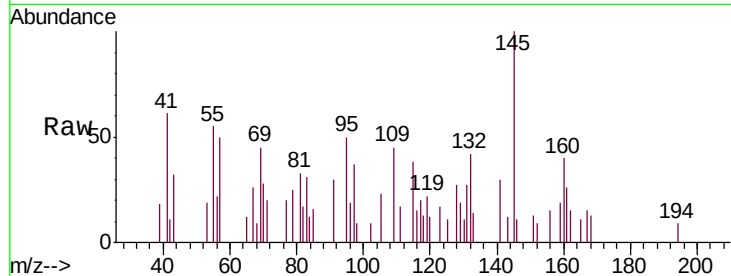




#47
 2-Chloronaphthalene
 Concen: 0.037 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.04 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

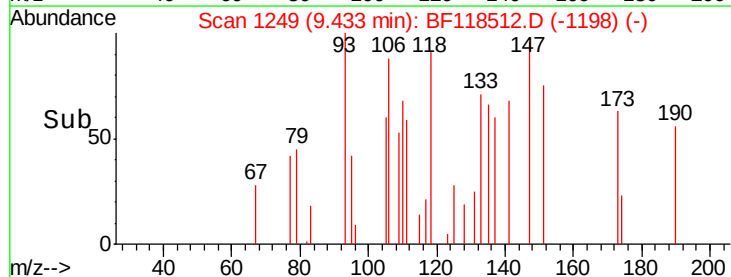
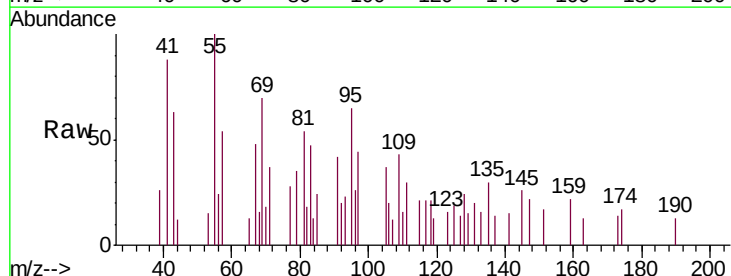
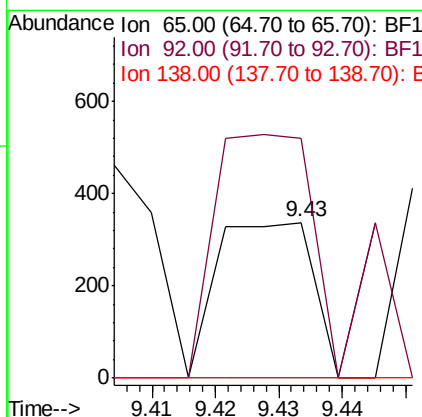
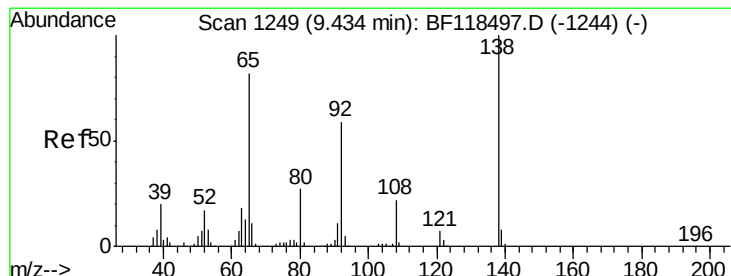
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-010720

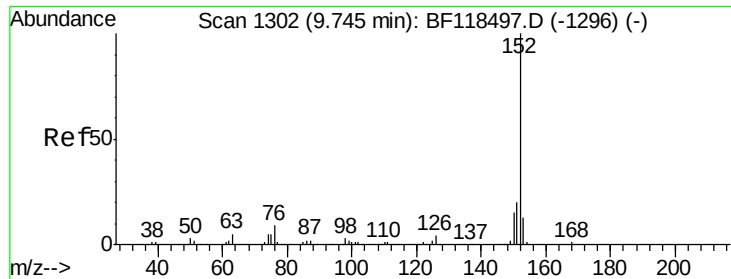
Tgt Ion: 162 Resp: 317
 Ion Ratio Lower Upper
 162 100
 127 0.0 35.5 53.3#
 164 0.0 25.8 38.8#



#48
 2-Nitroaniline
 Concen: 0.143 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Tgt Ion: 65 Resp: 351
 Ion Ratio Lower Upper
 65 100
 92 154.3 57.7 86.5#
 138 0.0 97.2 145.8#

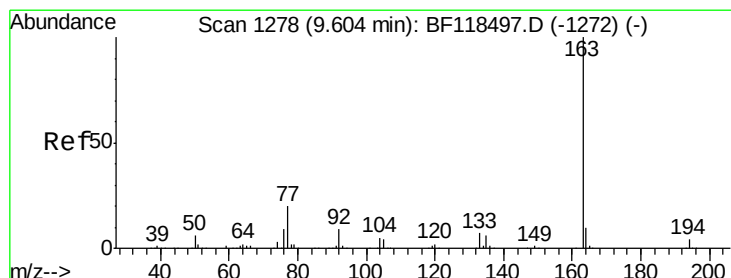
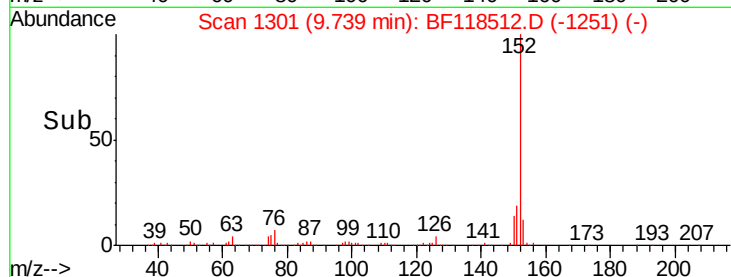
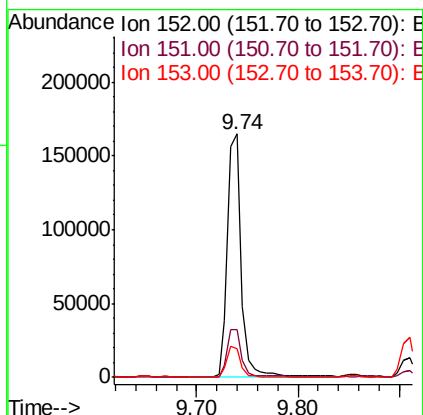
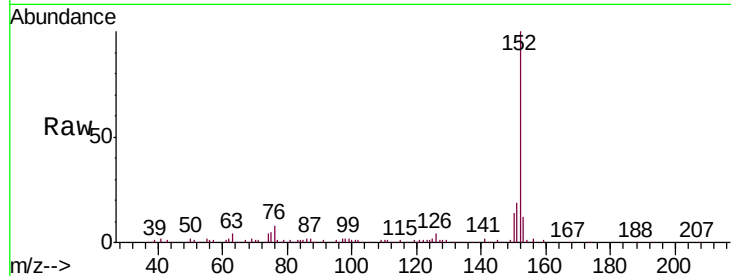




#49
Acenaphthylene
Concen: 12.564 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

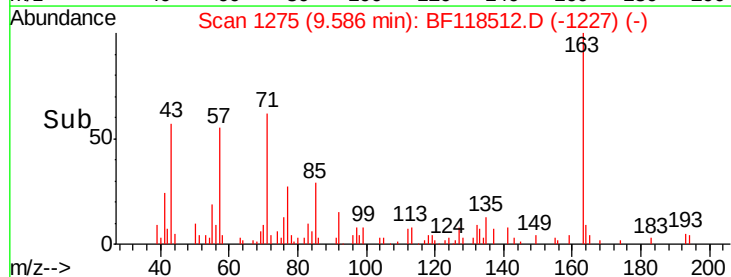
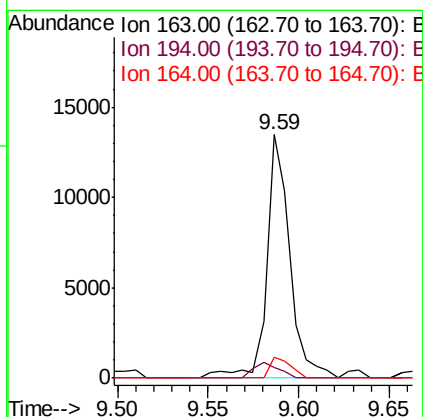
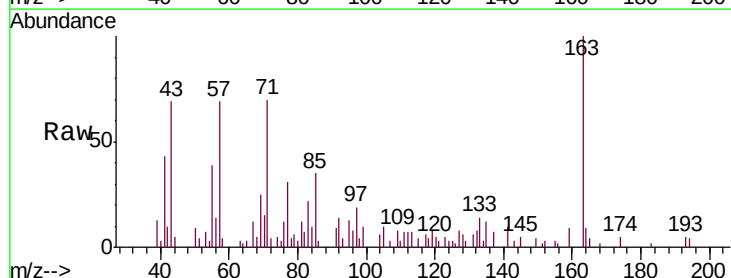
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

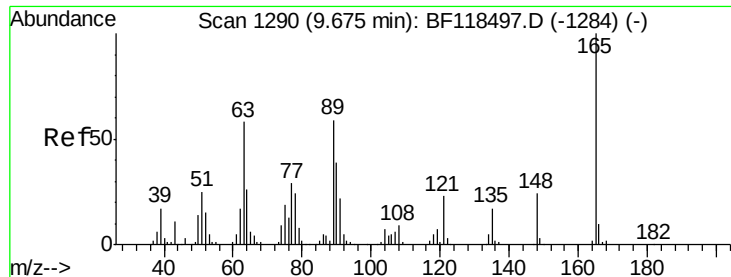
Tgt Ion:152 Resp: 158422
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 12.0 10.6 16.0



#50
Dimethylphthalate
Concen: 1.188 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:163 Resp: 11942
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 8.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 0.289 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.08 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

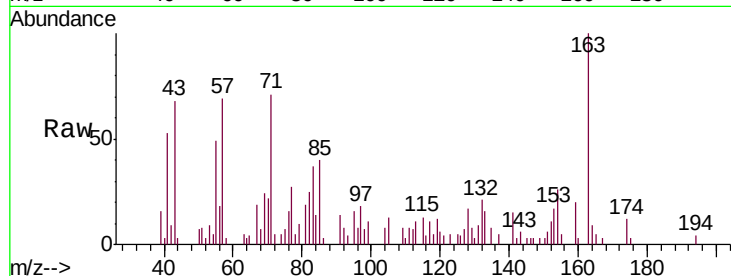
Tgt Ion:165 Resp: 625

Ion Ratio Lower Upper

165 100

63 100.4 46.6 70.0#

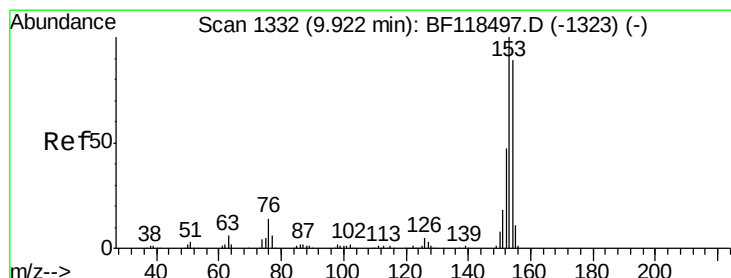
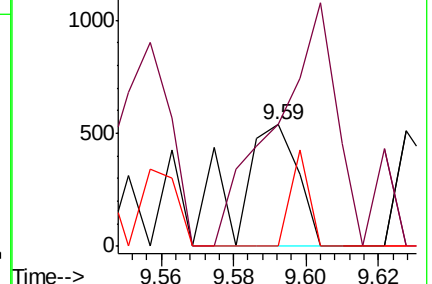
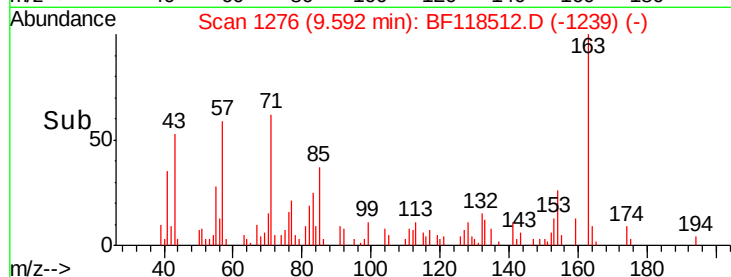
89 0.0 47.5 71.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 2.782 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

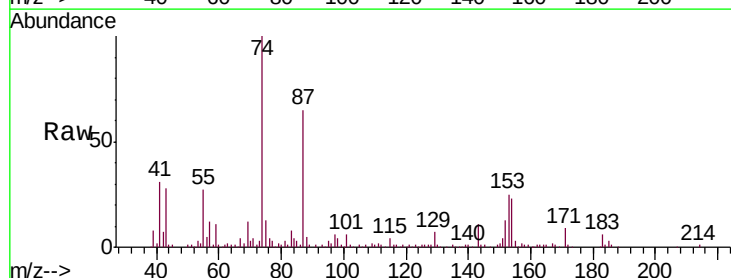
Tgt Ion:154 Resp: 21423

Ion Ratio Lower Upper

154 100

153 108.4 89.7 134.5

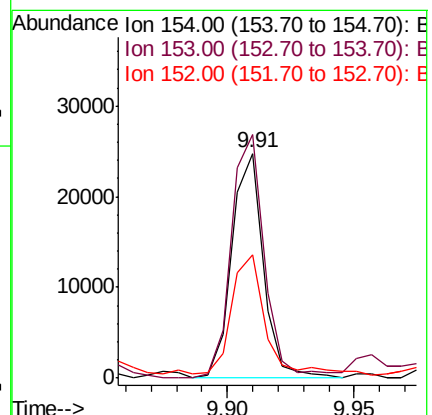
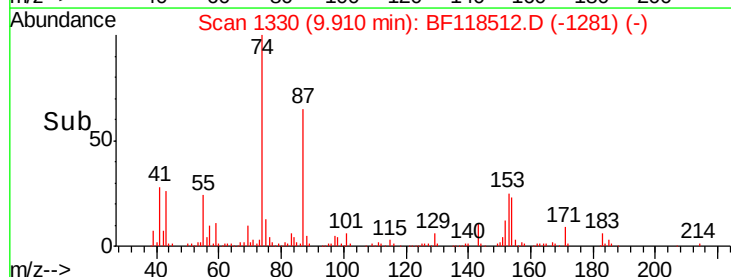
152 55.1 41.9 62.9

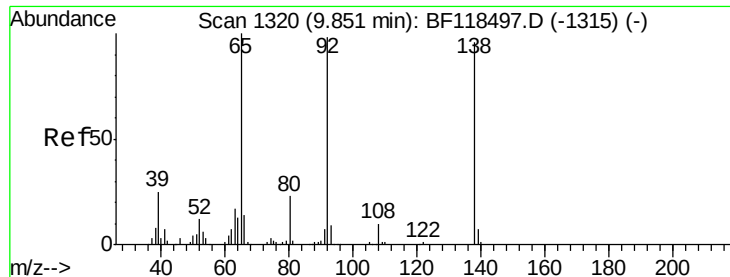


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

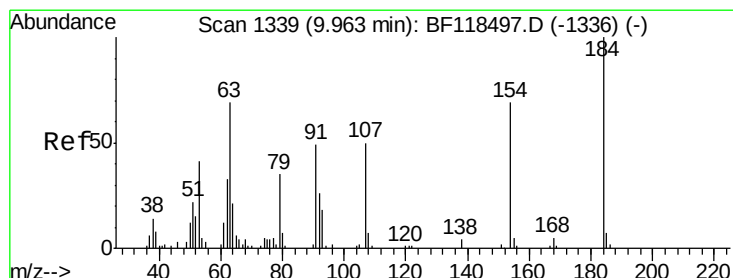
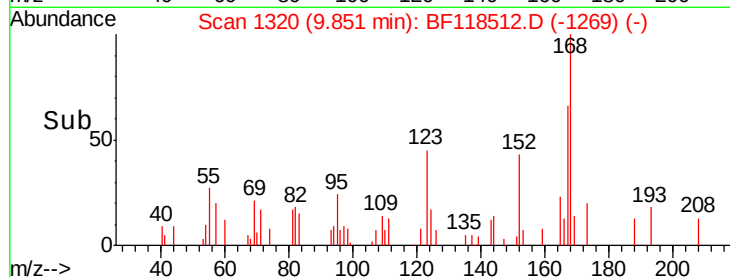
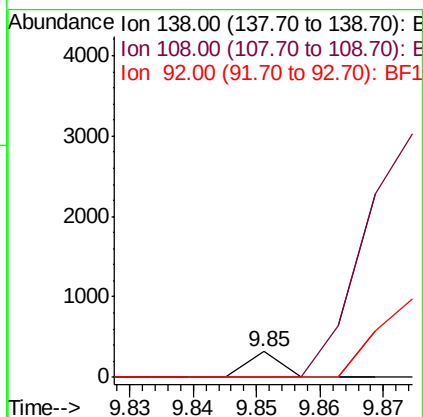
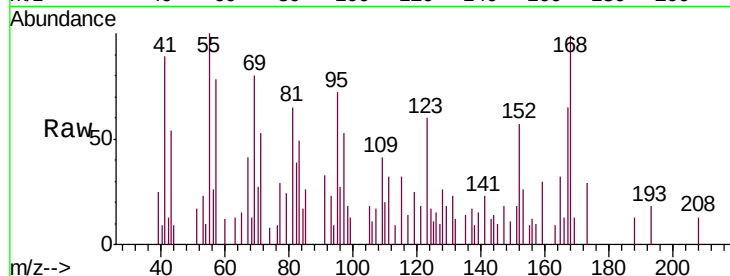




#53
3-Nitroaniline
Concen: 0.044 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

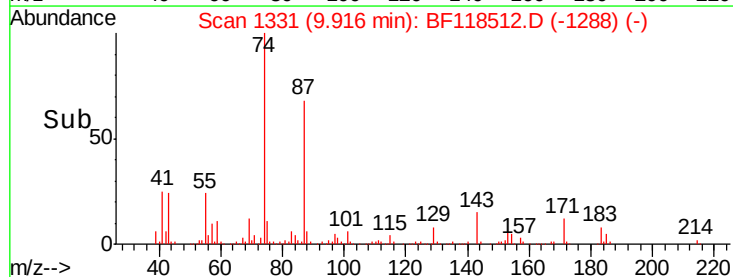
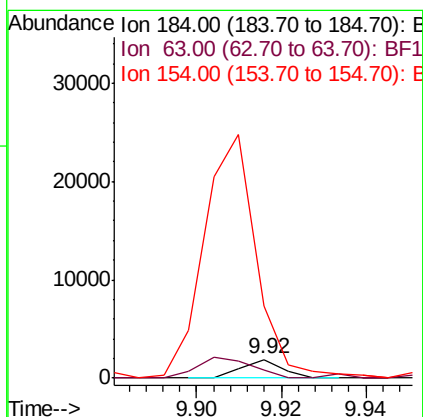
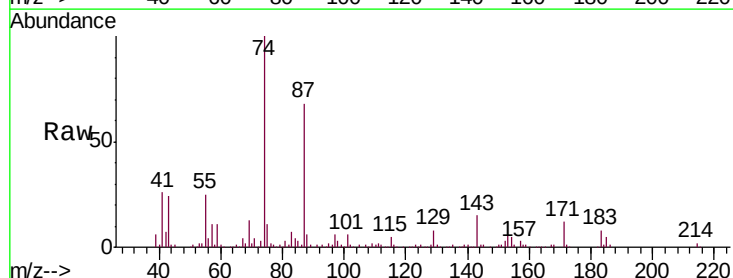
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

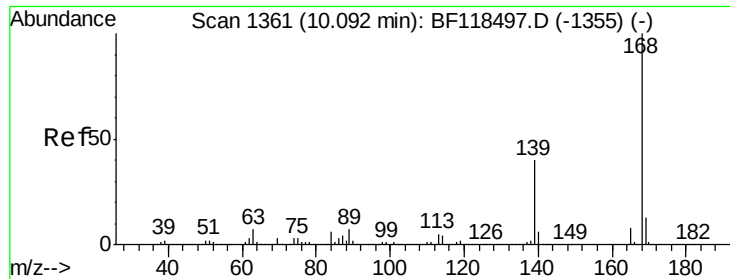
Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
108 0.0 8.1 12.1#
92 0.0 81.6 122.4#



#54
2,4-Dinitrophenol
Concen: 6.130 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:184 Resp: 1273
Ion Ratio Lower Upper
184 100
63 40.9 55.3 82.9#
154 390.6 55.0 82.4#





#55

Dibenzenofuran

Concen: 2.768 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

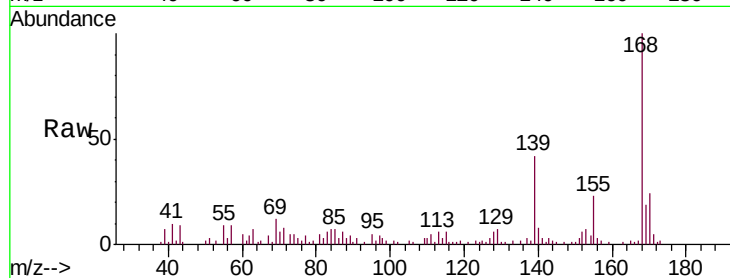
Tgt Ion:168 Resp: 32017

Ion Ratio Lower Upper

168 100

139 41.8 32.5 48.7

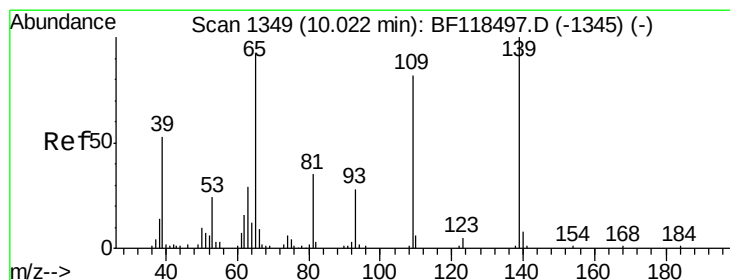
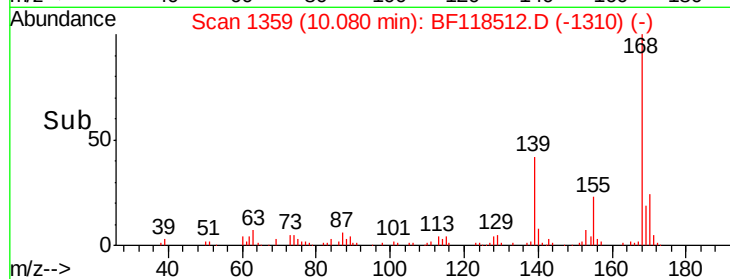
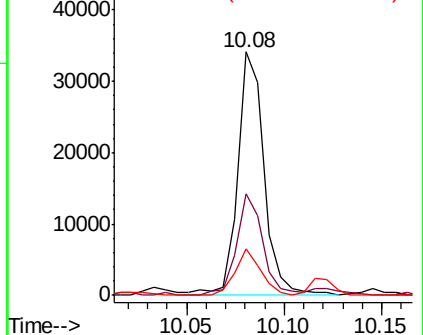
169 19.1 10.6 16.0#



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: 0.625 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.04 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

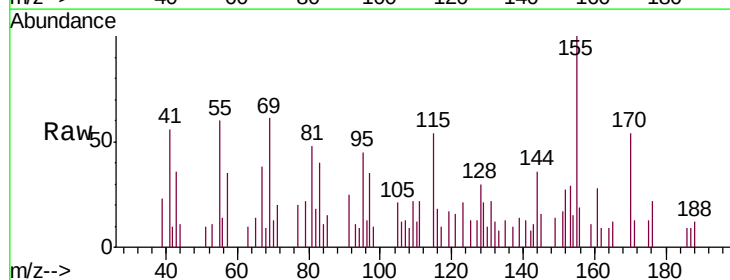
Tgt Ion:139 Resp: 770

Ion Ratio Lower Upper

139 100

109 151.0 62.2 102.2#

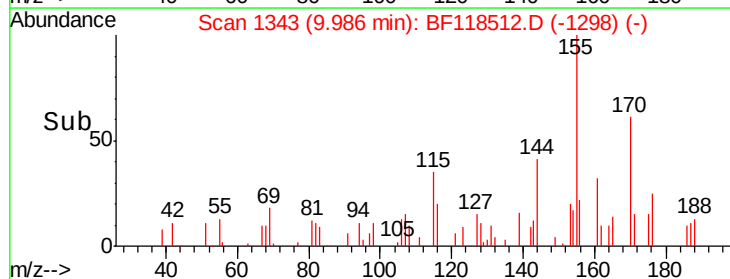
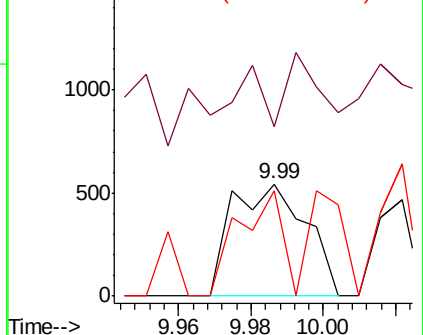
65 94.1 72.8 112.8

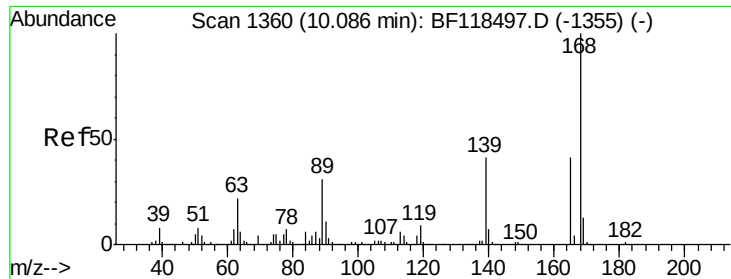


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

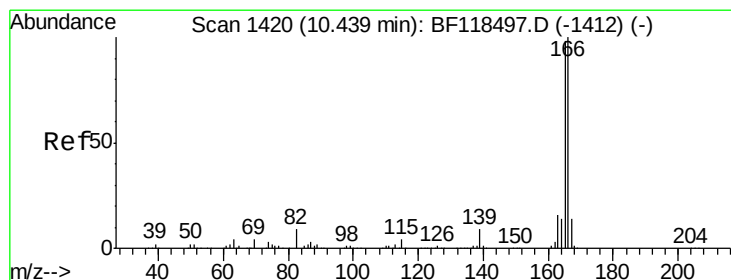
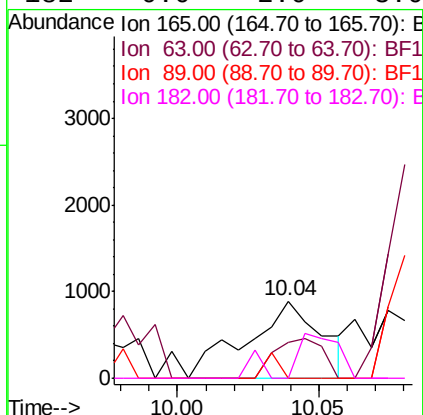
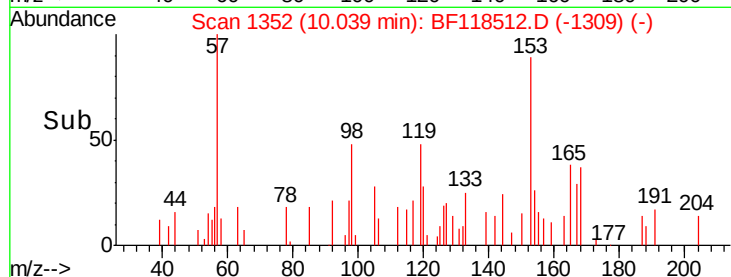
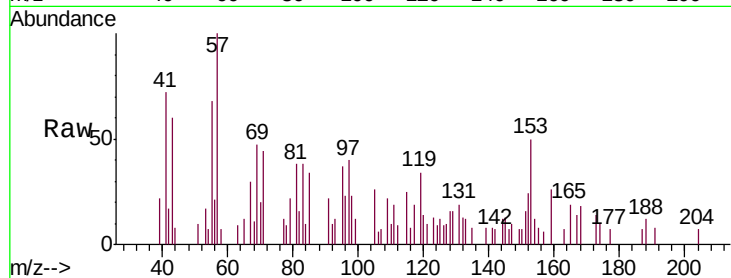




#57
2,4-Dinitrotoluene
Concen: 0.567 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.05 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

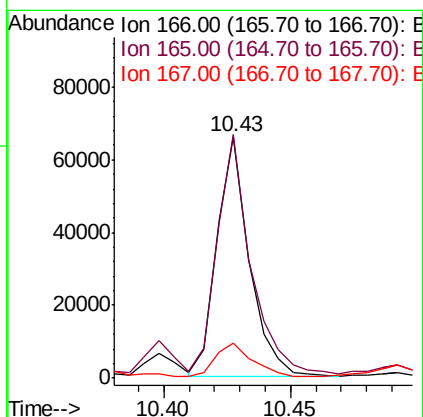
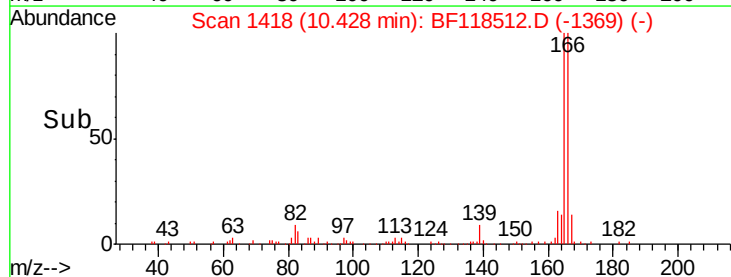
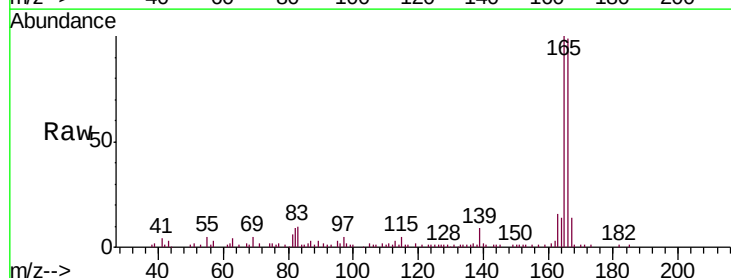
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

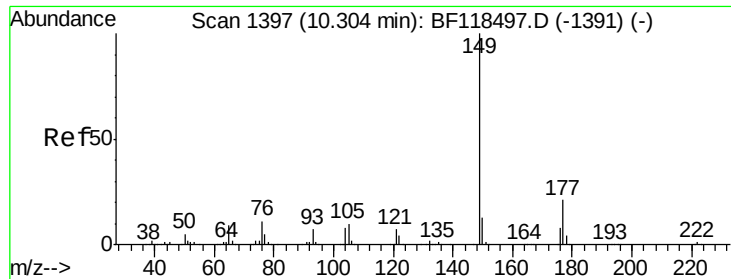
Tgt Ion:165 Resp: 1644
Ion Ratio Lower Upper
165 100
63 47.2 44.1 66.1
89 0.0 60.4 90.6#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 6.334 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:166 Resp: 58878
Ion Ratio Lower Upper
166 100
165 100.8 78.6 117.8
167 14.3 10.8 16.2

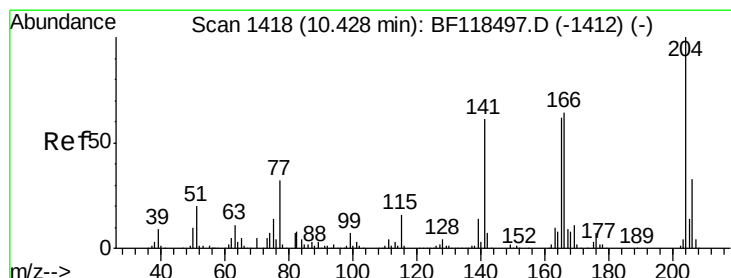
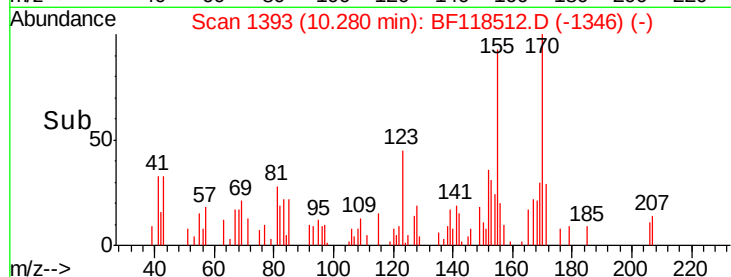
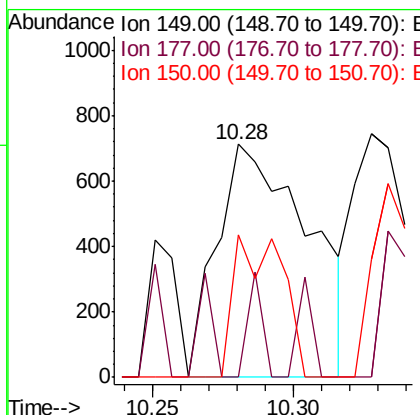
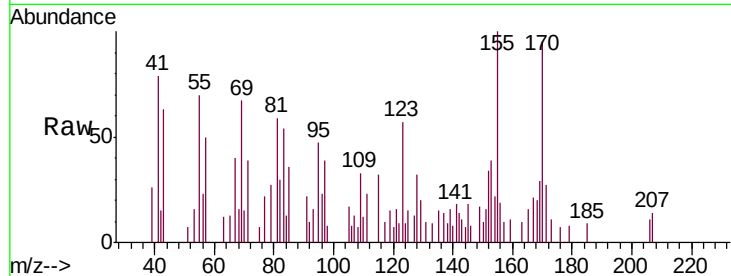




#60
Diethylphthalate
Concen: 0.156 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

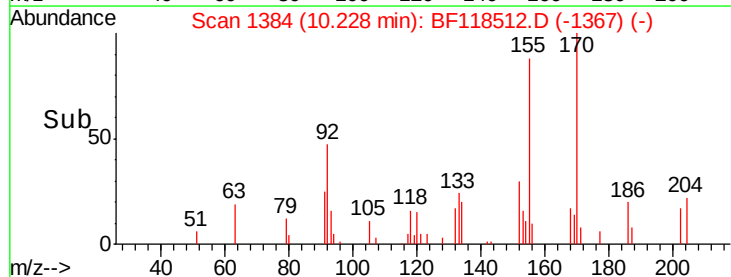
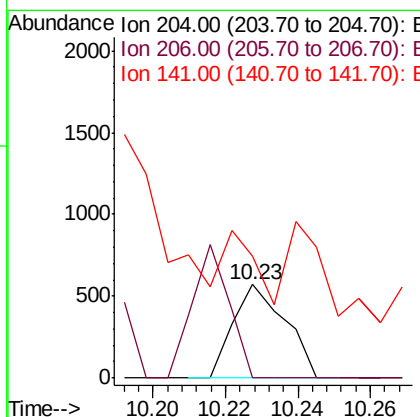
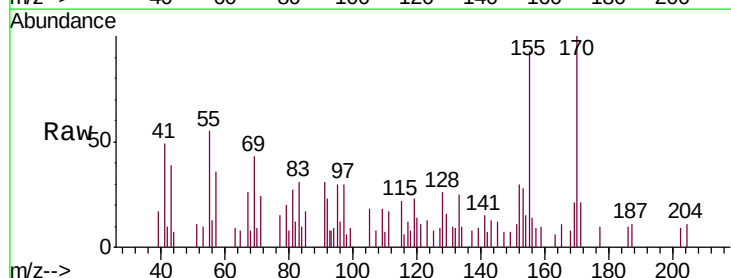
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

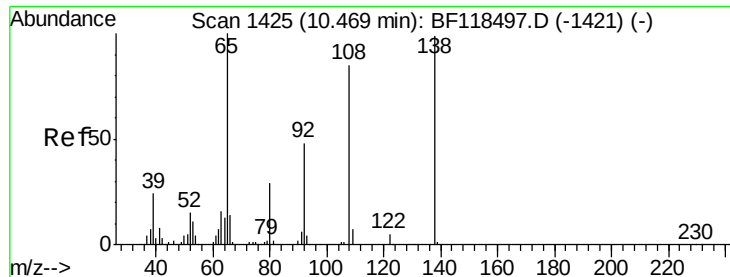
Tgt Ion:149 Resp: 1599
Ion Ratio Lower Upper
149 100
177 0.0 16.5 24.7#
150 61.4 10.2 15.2#



#61
4-Chlorophenyl-phenylether
Concen: 0.122 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.20 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:204 Resp: 567
Ion Ratio Lower Upper
204 100
206 0.0 26.0 39.0#
141 130.5 49.0 73.6#





#62

4-Nitroaniline

Concen: 0.373 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.05 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

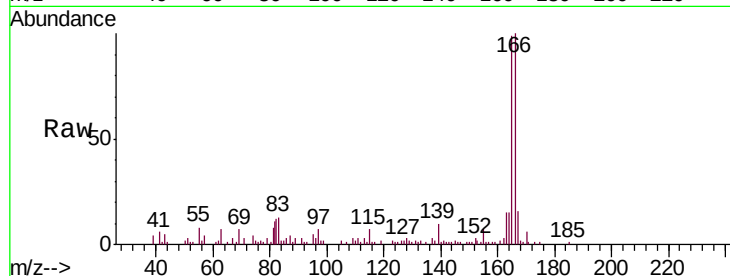
Tgt Ion:138 Resp: 927

Ion Ratio Lower Upper

138 100

92 46.4 27.9 67.9

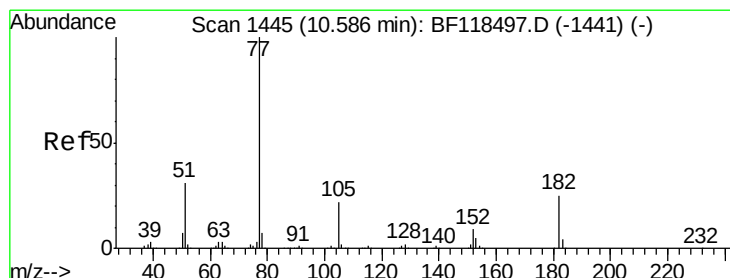
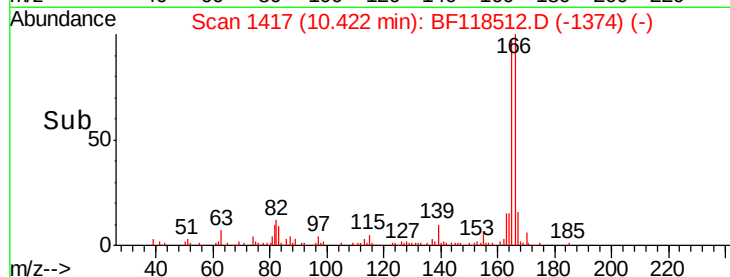
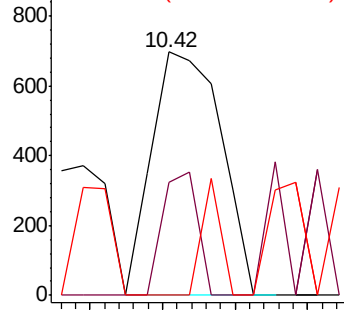
108 0.0 64.7 104.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.063 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Tgt Ion: 77 Resp: 545

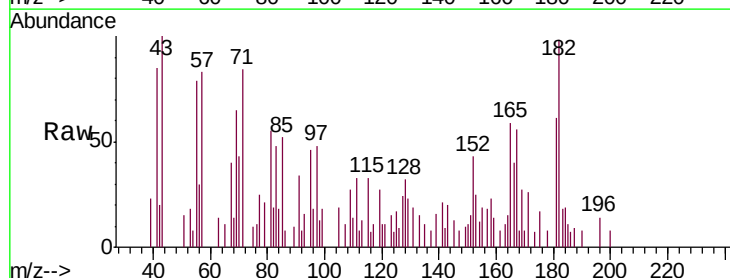
Ion Ratio Lower Upper

77 100

182 389.5 5.2 45.2#

105 75.0 1.7 41.7#

51 57.6 11.2 51.2#

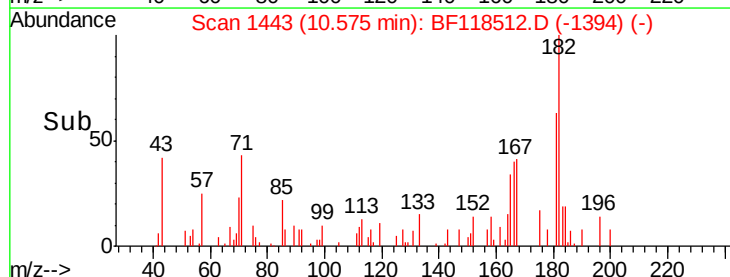
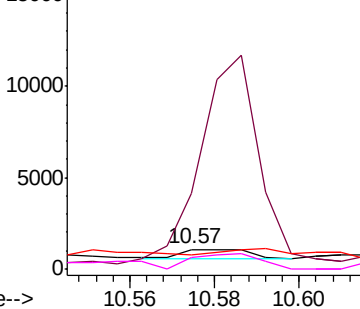


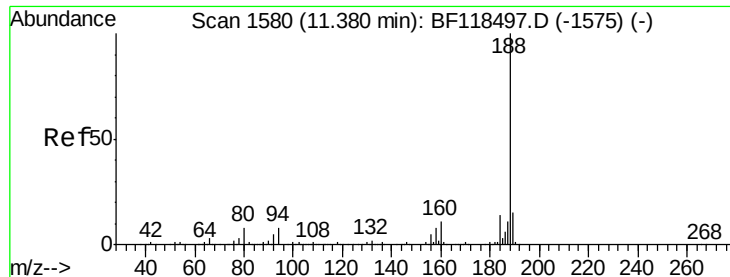
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

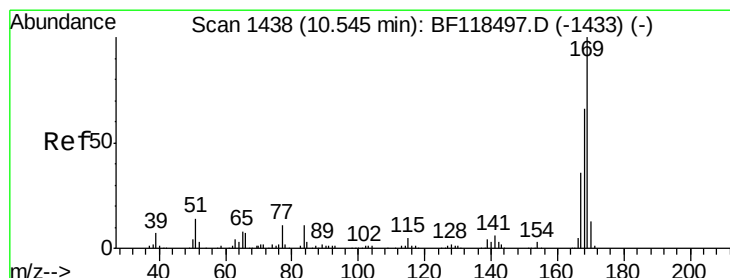
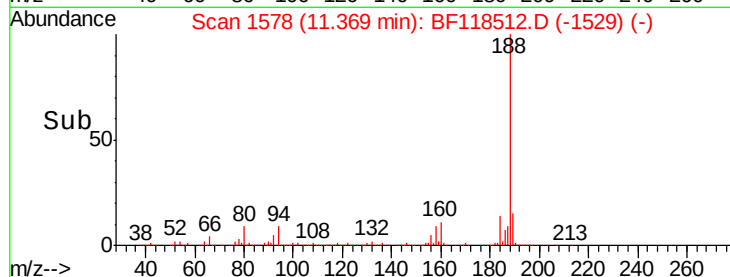
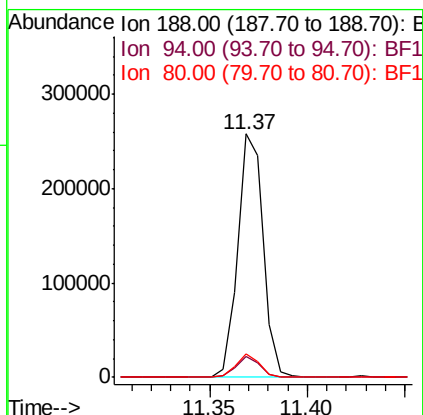
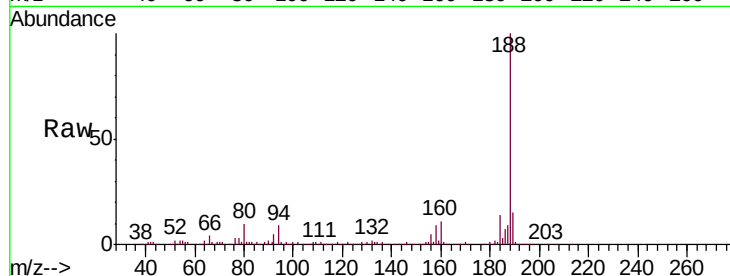




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

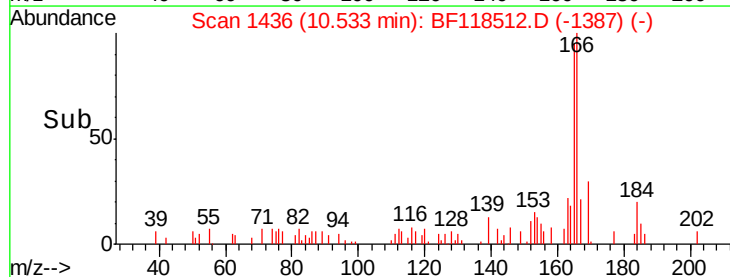
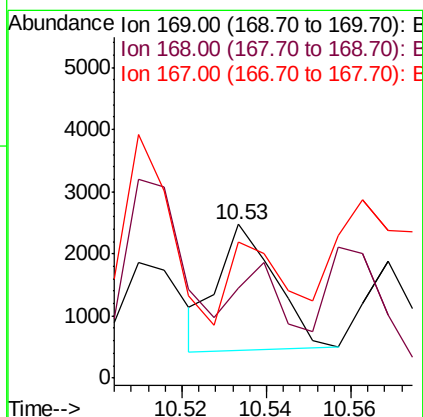
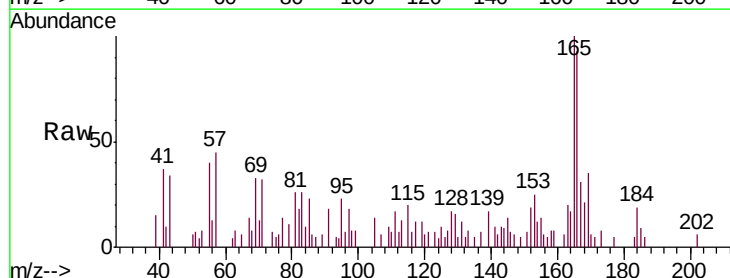
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

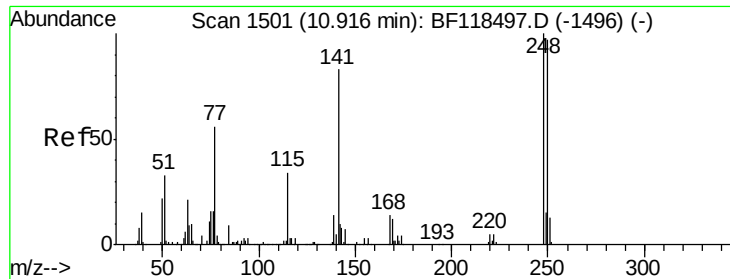
Tgt Ion:188 Resp: 231646
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.4
80 9.5 6.6 10.0



#66
n-Nitrosodiphenylamine
Concen: 0.252 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:169 Resp: 1900
Ion Ratio Lower Upper
169 100
168 58.3 53.4 80.2
167 88.6 28.9 43.3#

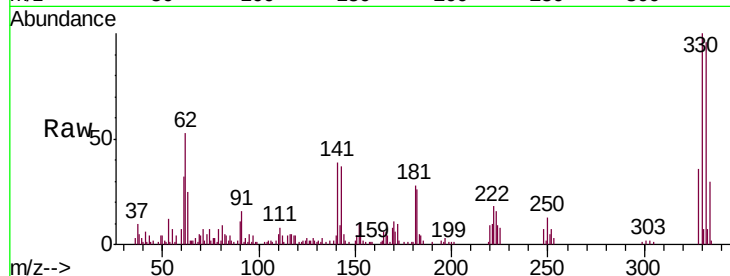




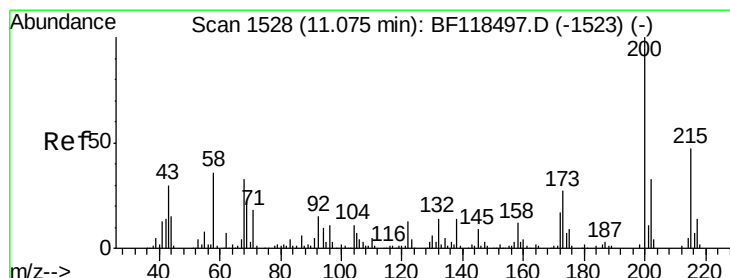
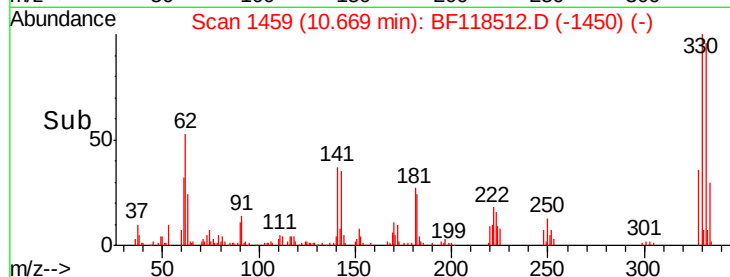
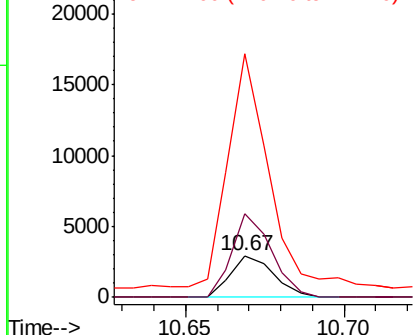
#67
4-Bromophenyl-phenylether
Concen: 1.010 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Instrument :
BNA_F
ClientSampleId :
PL-01-010720

Tgt Ion:248 Resp: 2741
Ion Ratio Lower Upper
248 100
250 203.1 77.4 116.0#
141 588.8 66.2 99.4#

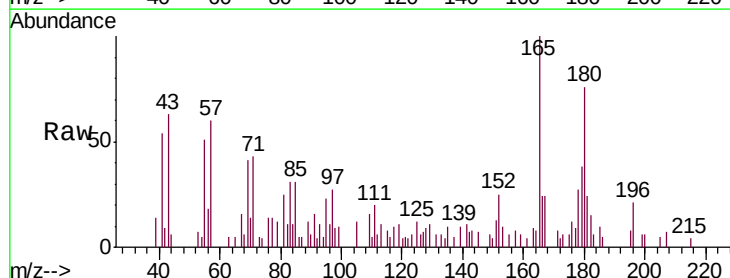


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

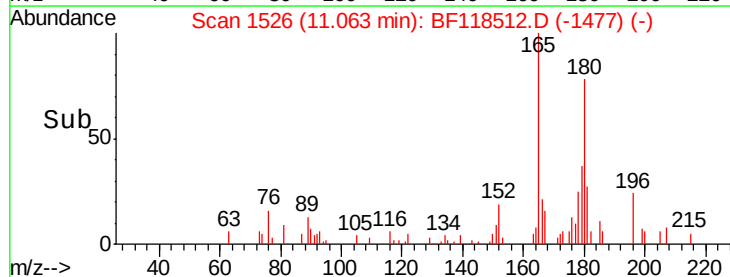
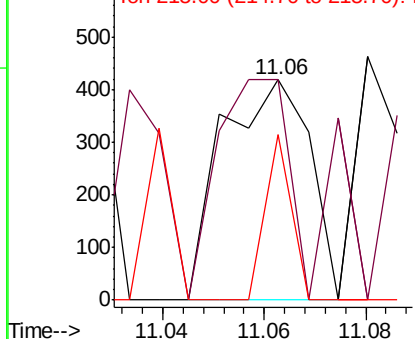


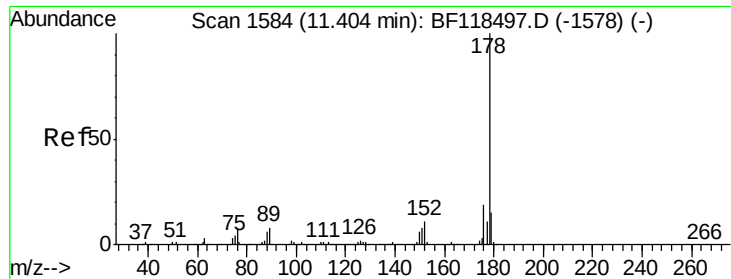
#69
Atrazine
Concen: 0.223 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:200 Resp: 500
Ion Ratio Lower Upper
200 100
173 100.0 7.0 47.0#
215 74.9 27.0 67.0#



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

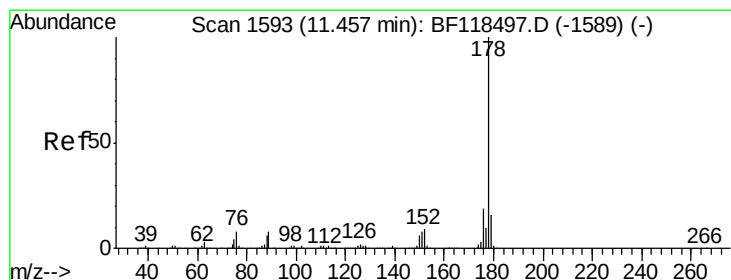
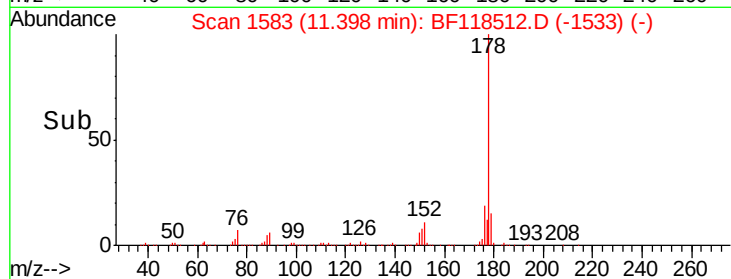
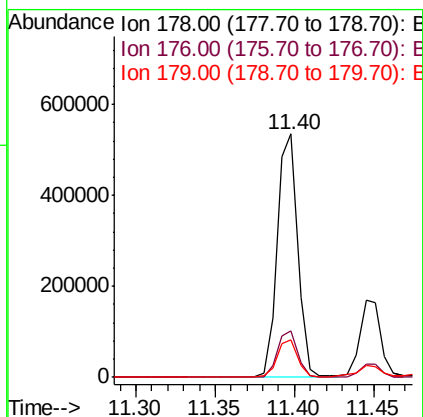
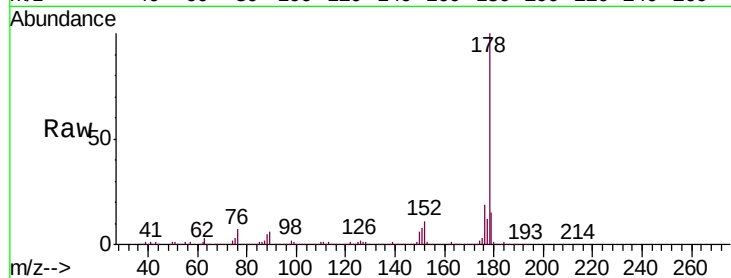




#71
Phenanthrene
Concen: 37.163 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

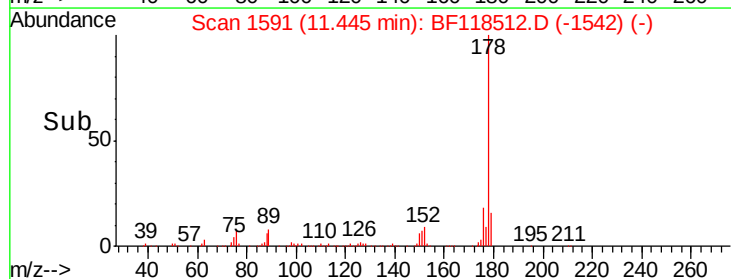
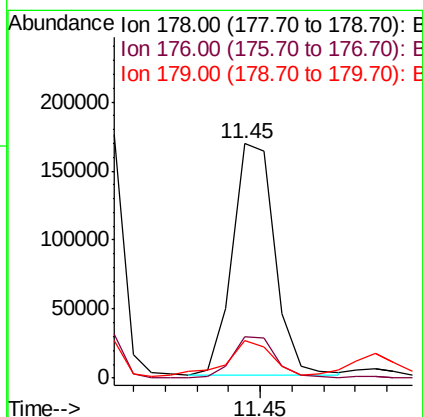
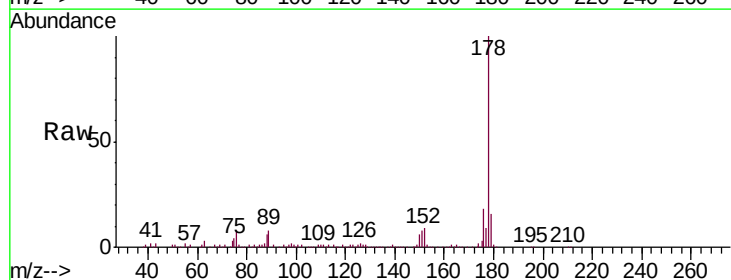
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

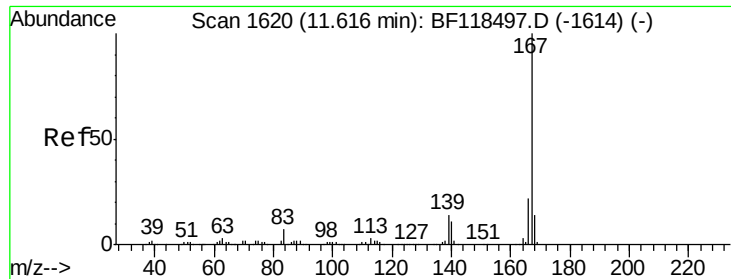
Tgt Ion:178 Resp: 482250
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.4 12.3 18.5



#72
Anthracene
Concen: 11.898 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:178 Resp: 153593
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 16.2 12.6 19.0

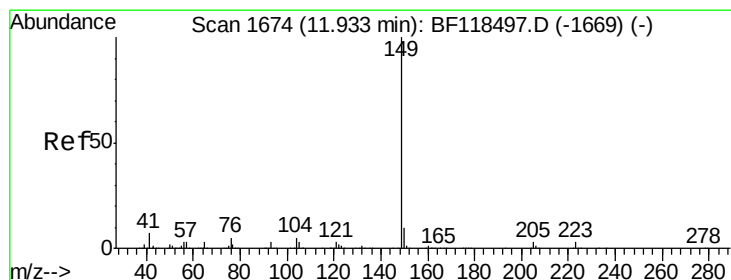
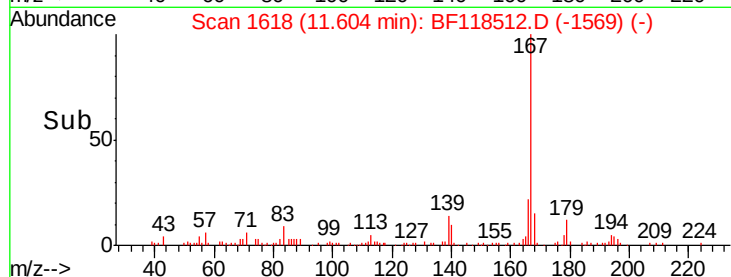
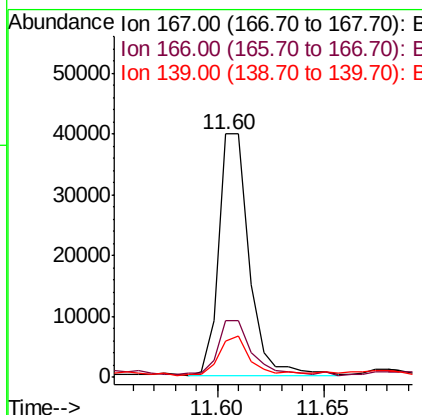
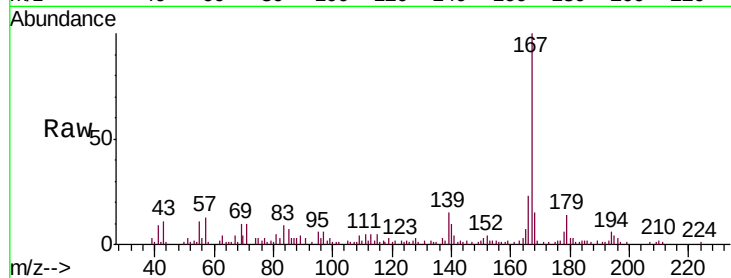




#73
 Carbazole
 Concen: 3.543 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

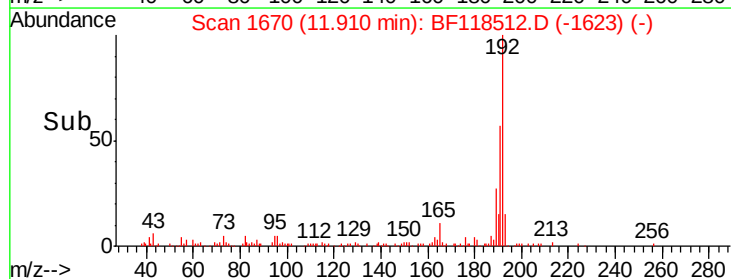
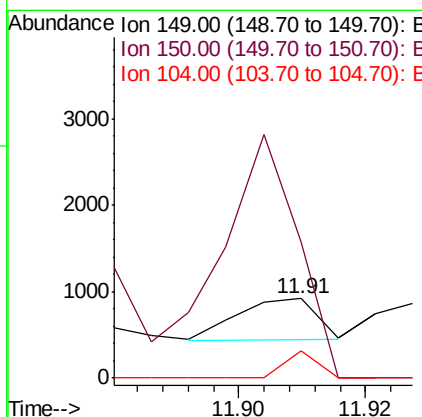
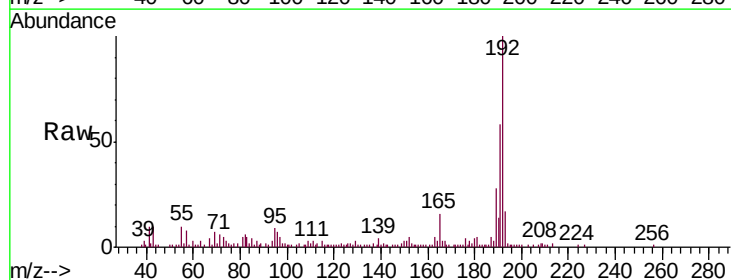
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-010720

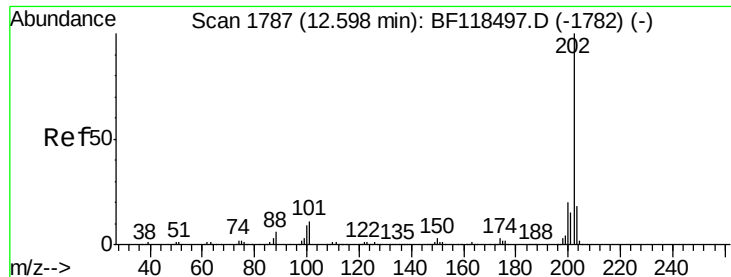
Tgt Ion:167 Resp: 39625
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.4 26.2
 139 15.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 0.028 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF118512.D
 Acq: 8 Jan 2020 21:41

Tgt Ion:149 Resp: 424
 Ion Ratio Lower Upper
 149 100
 150 171.1 7.8 11.8#
 104 33.9 4.2 6.4#





#75

Fluoranthene

Concen: 69.972 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

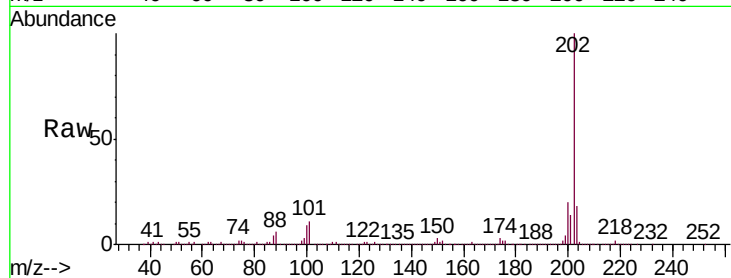
Tgt Ion:202 Resp: 922886

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

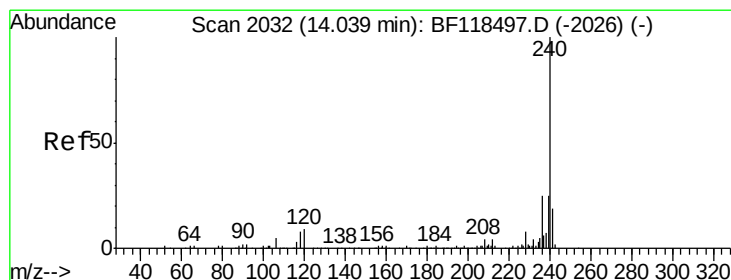
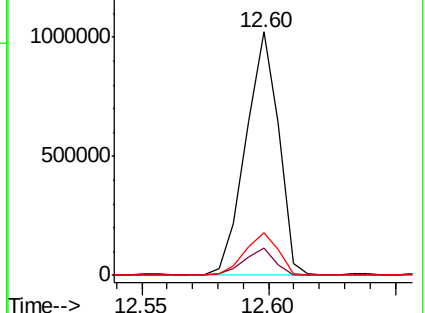
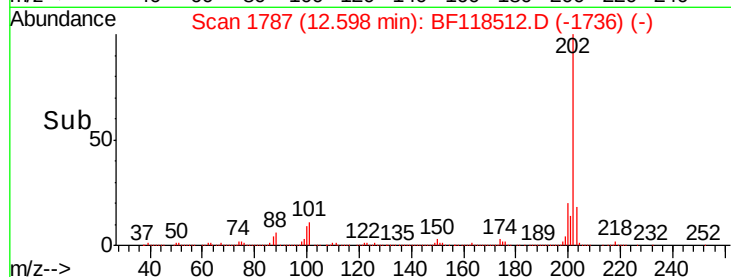
203 17.7 0.0 38.1



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

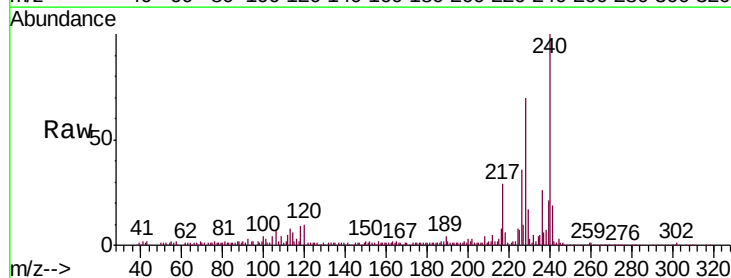
Tgt Ion:240 Resp: 184530

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.6

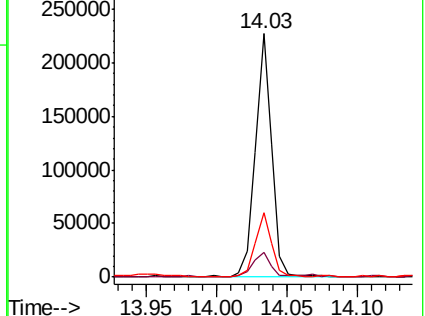
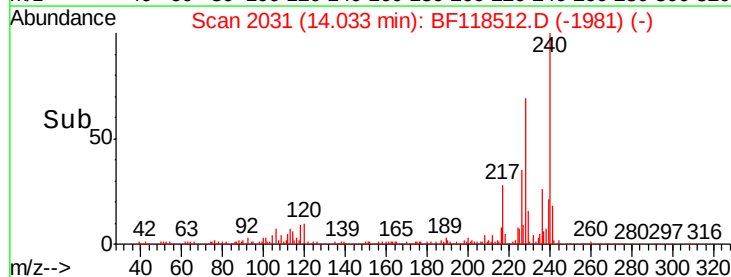
236 26.2 20.1 30.1

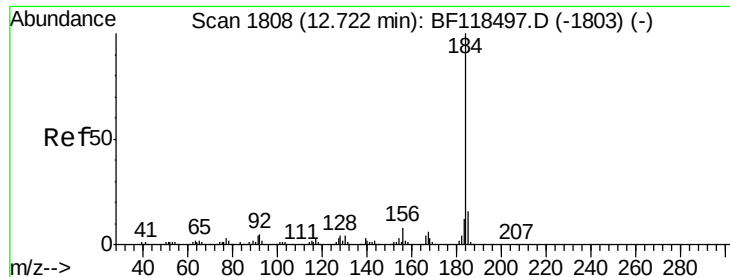


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.74 min Scan# 1811

Delta R.T. 0.02 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

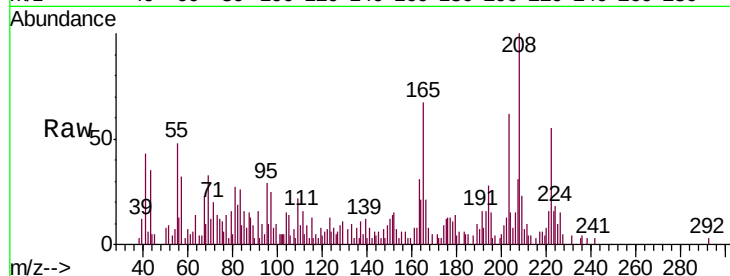
Tgt Ion:184 Resp: 292

Ion Ratio Lower Upper

184 100

185 89.6 12.6 18.8#

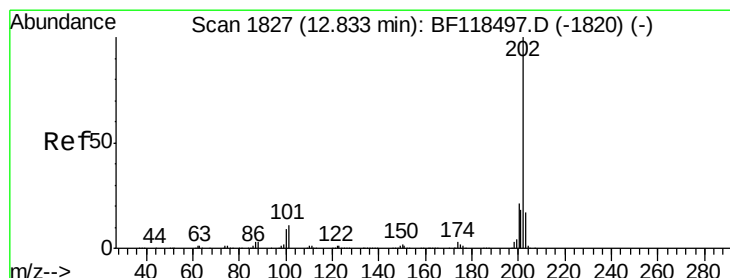
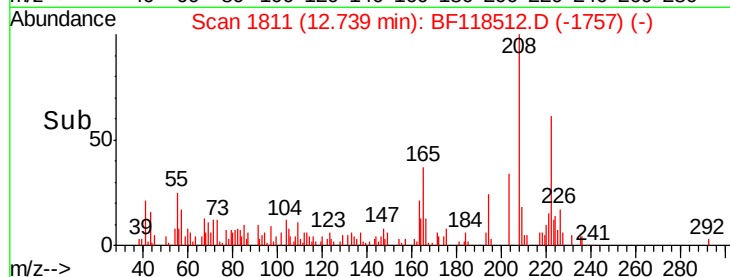
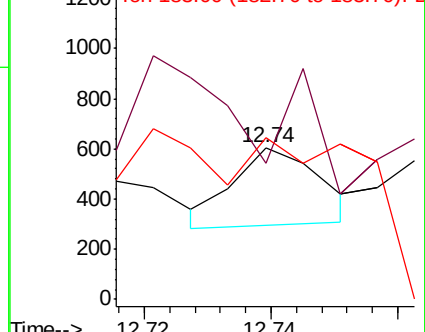
183 106.5 9.3 13.9#



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: 58.013 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

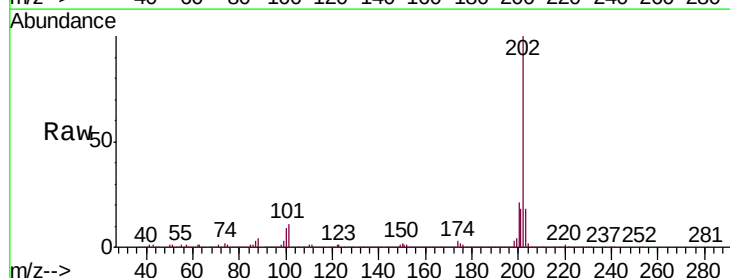
Tgt Ion:202 Resp: 880767

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

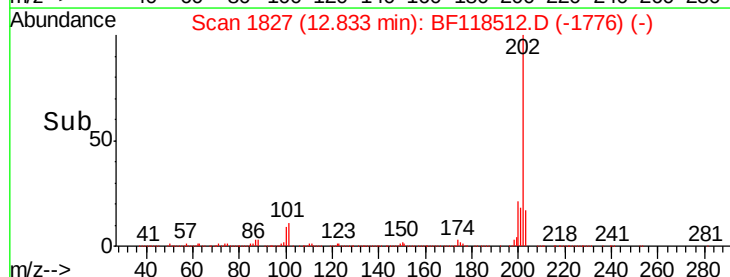
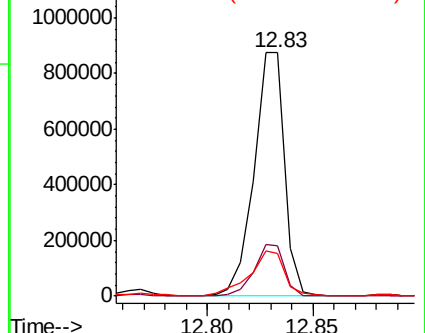
203 17.6 13.9 20.9

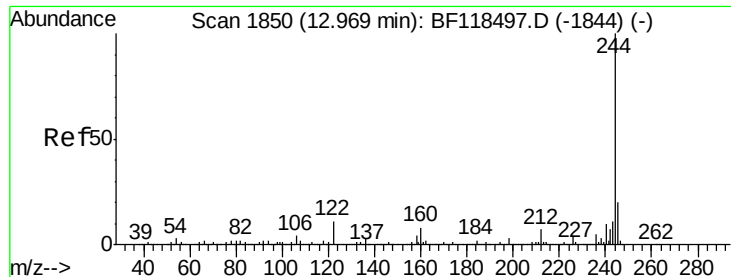


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 18.333 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

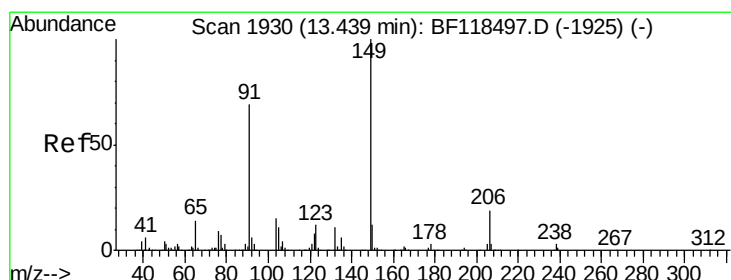
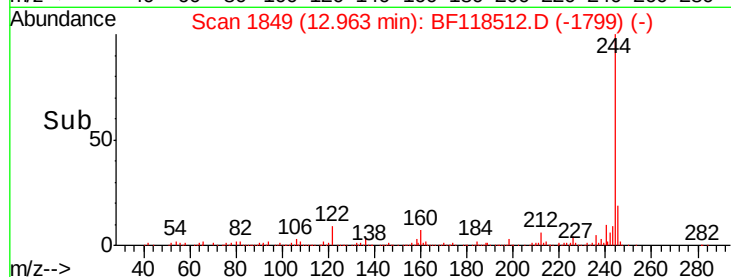
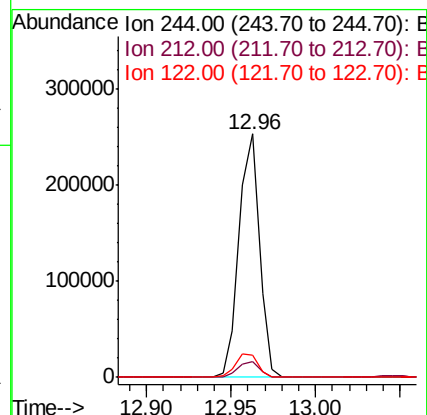
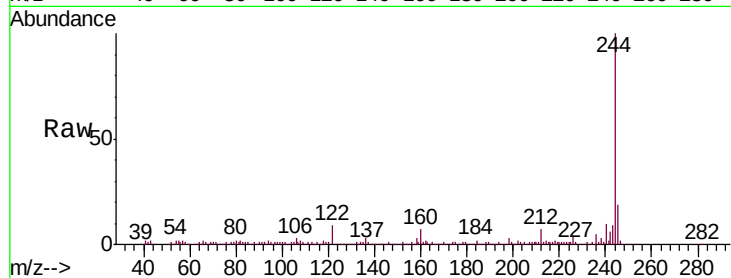
Tgt Ion:244 Resp: 213482

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 8.9 9.0 13.6#



#80

Butylbenzylphthalate

Concen: 0.093 ng

RT: 13.44 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

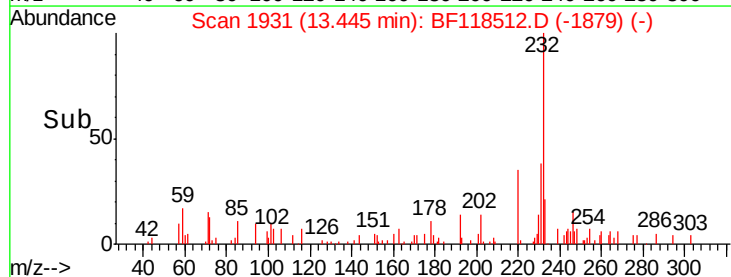
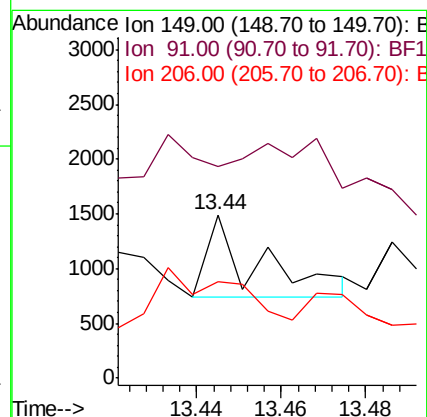
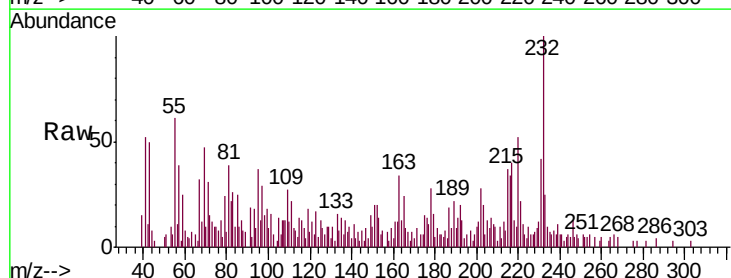
Tgt Ion:149 Resp: 648

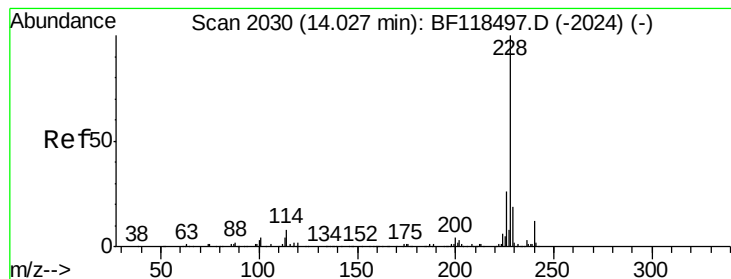
Ion Ratio Lower Upper

149 100

91 129.7 55.2 82.8#

206 58.8 15.1 22.7#





#81

Benzo(a)anthracene

Concen: 51.924 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

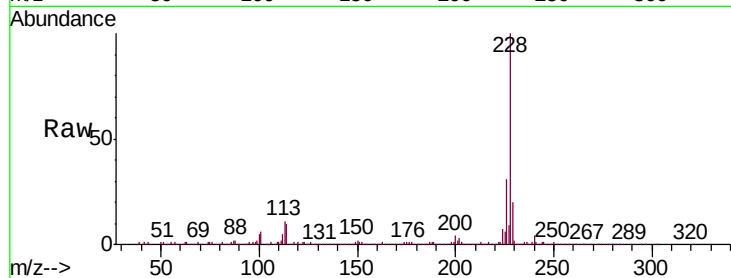
Tgt Ion:228 Resp: 670656

Ion Ratio Lower Upper

228 100

226 30.5 20.7 31.1

229 20.4 15.4 23.2

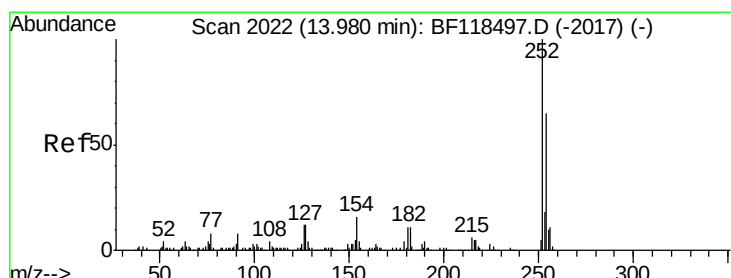
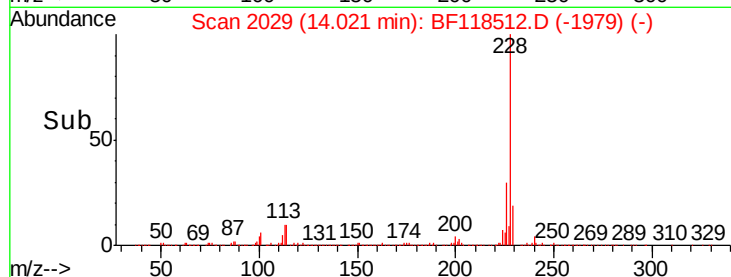
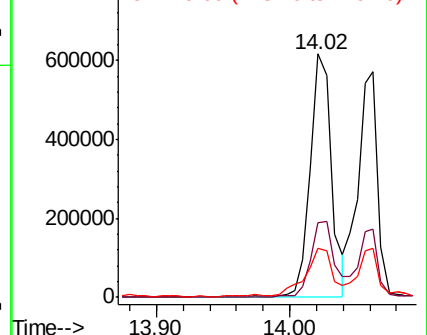


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.191 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

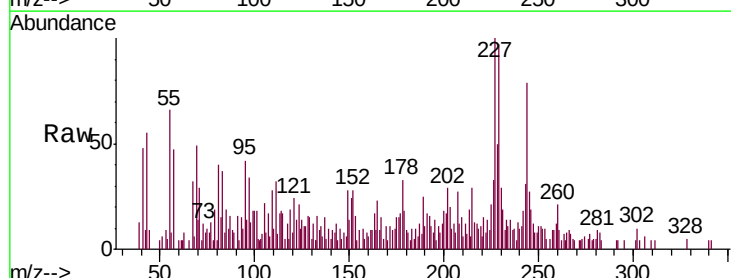
Tgt Ion:252 Resp: 802

Ion Ratio Lower Upper

252 100

254 52.2 52.1 78.1

126 111.8 9.6 14.4#

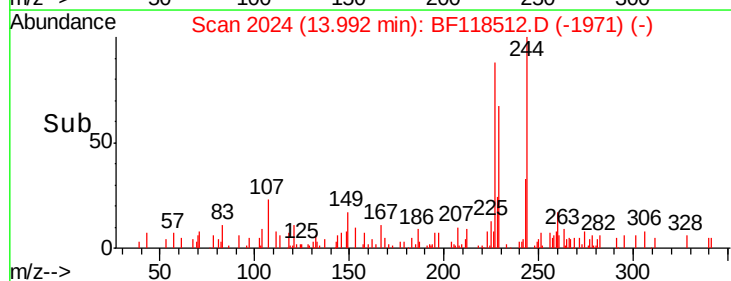
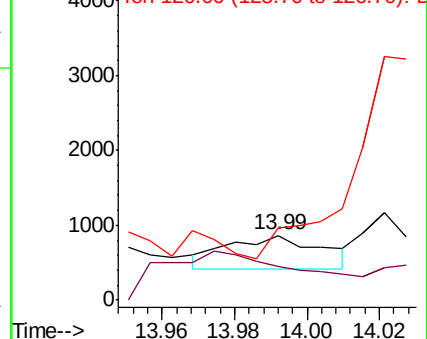


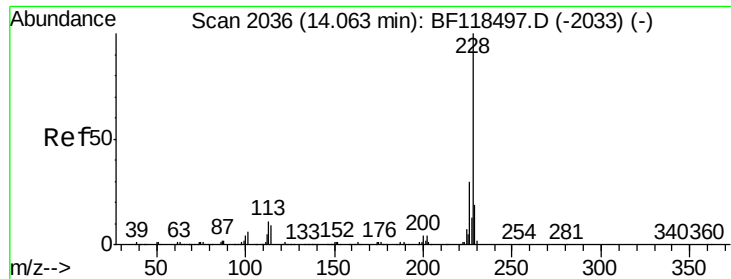
Abundance

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: 46.863 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

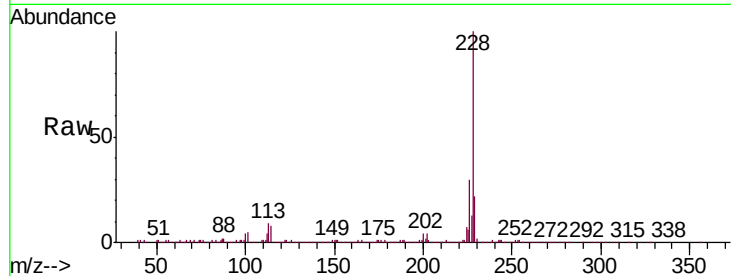
Tgt Ion: 228 Resp: 588188

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

229 22.0 15.6 23.4

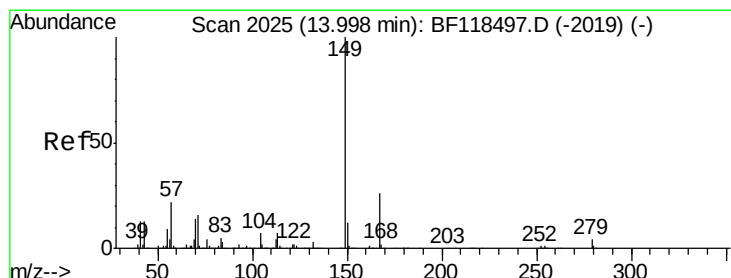
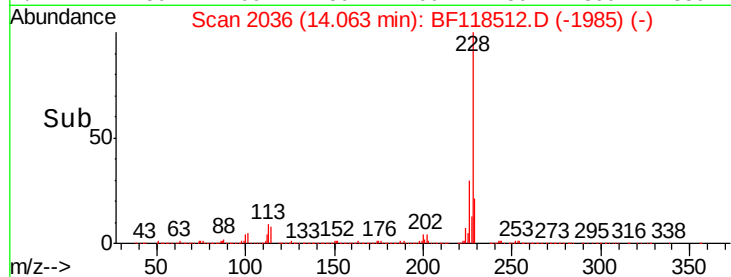
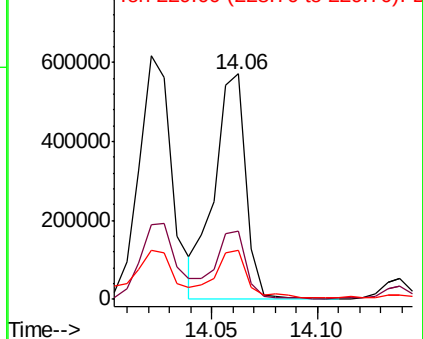


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.165 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

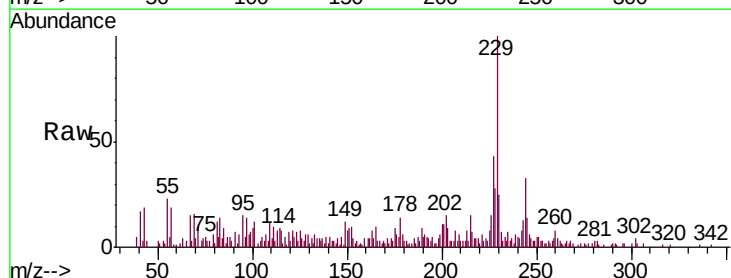
Tgt Ion: 149 Resp: 1554

Ion Ratio Lower Upper

149 100

167 28.2 20.6 30.8

279 13.5 3.1 4.7#

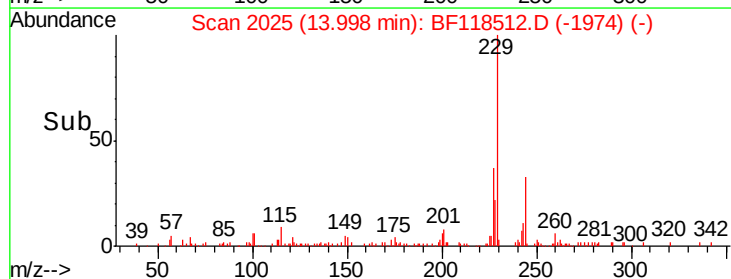
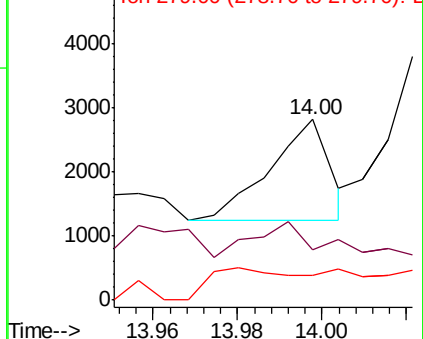


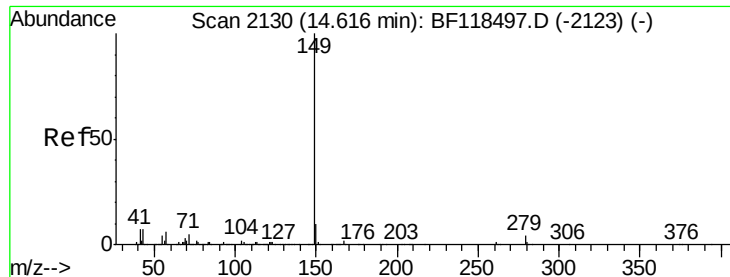
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.078 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

Instrument :

BNA_F

ClientSampleId :

PL-01-010720

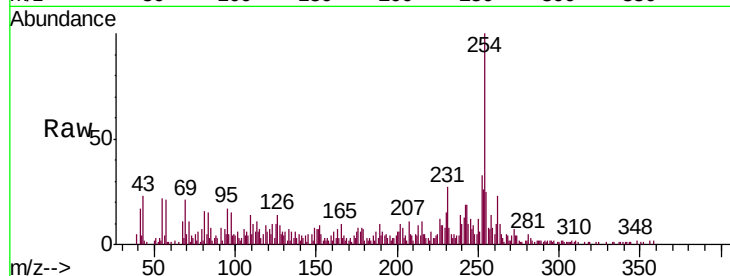
Tgt Ion:149 Resp: 1055

Ion Ratio Lower Upper

149 100

167 98.4 1.2 1.8#

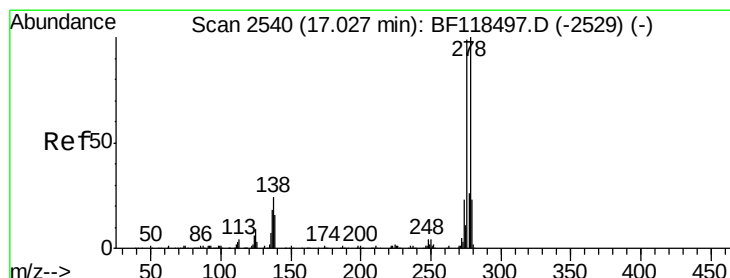
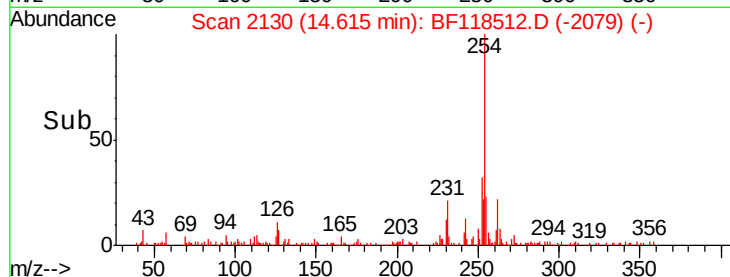
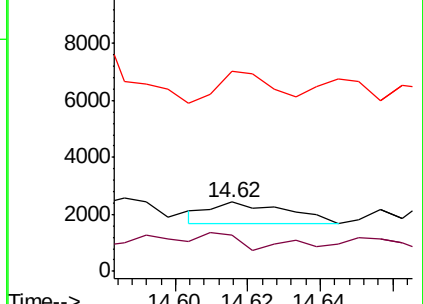
43 106.7 6.4 9.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.170 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF118512.D

Acq: 8 Jan 2020 21:41

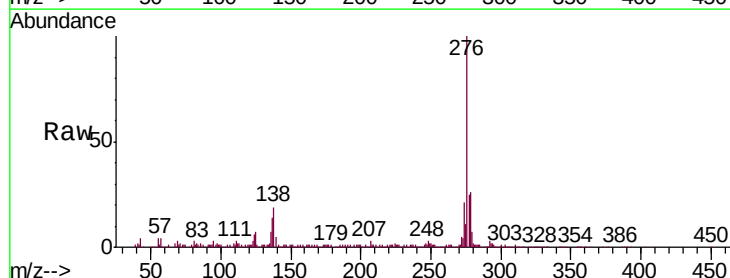
Tgt Ion:276 Resp: 294753

Ion Ratio Lower Upper

276 100

138 19.1 19.0 28.4

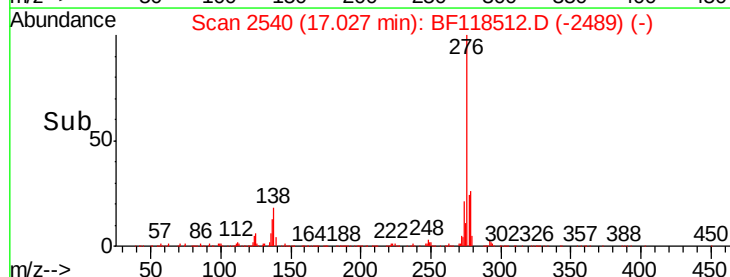
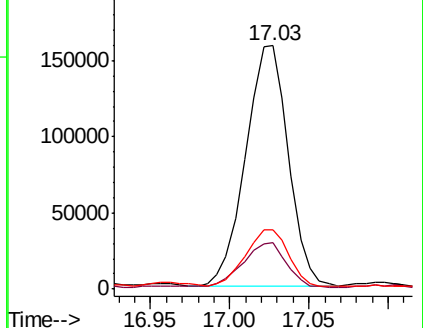
277 24.4 20.5 30.7

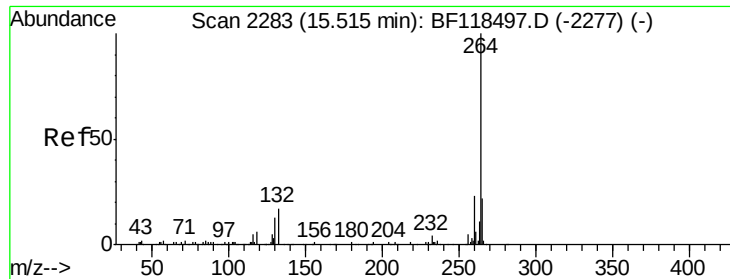


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

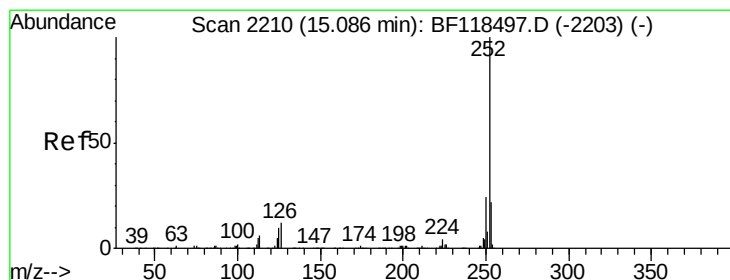
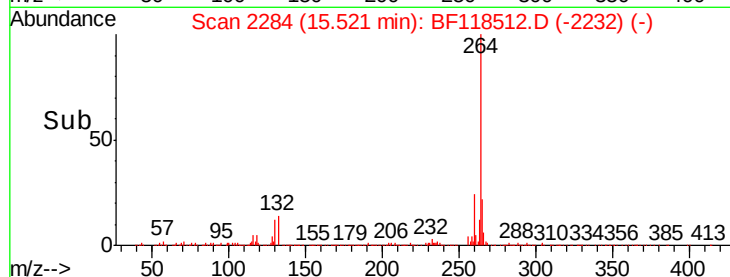
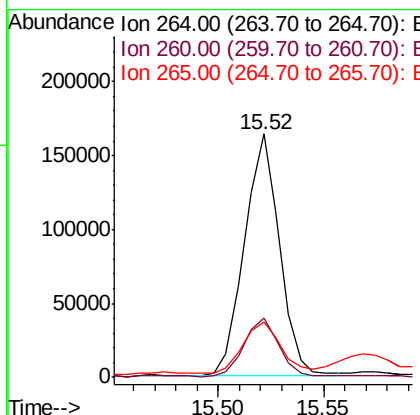
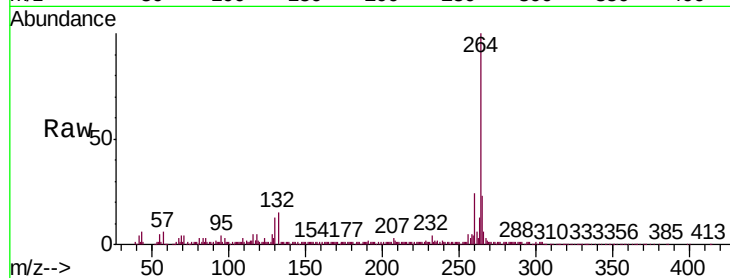




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

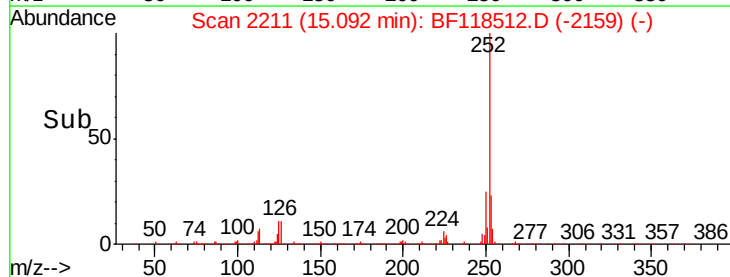
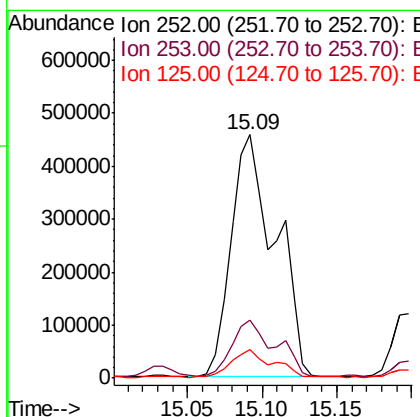
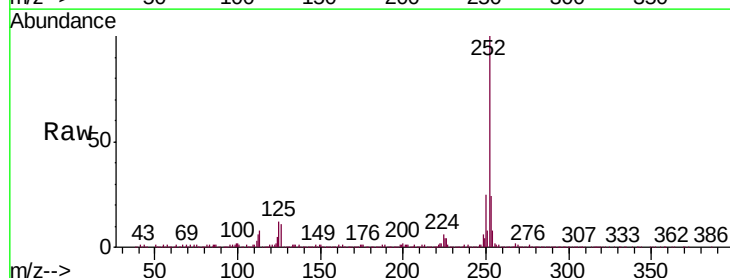
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

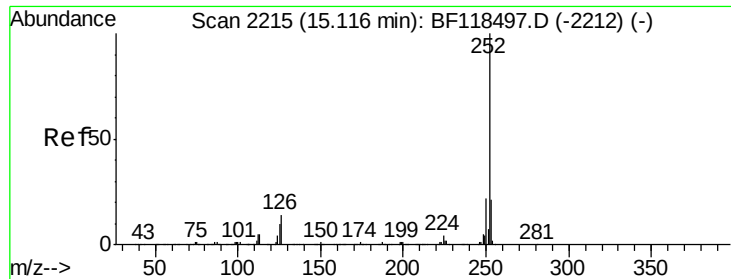
Tgt Ion: 264 Resp: 188746
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.5 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 69.422 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion: 252 Resp: 947334
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 11.6 7.8 11.6#

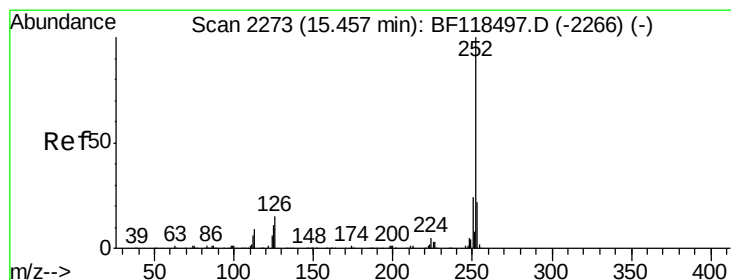
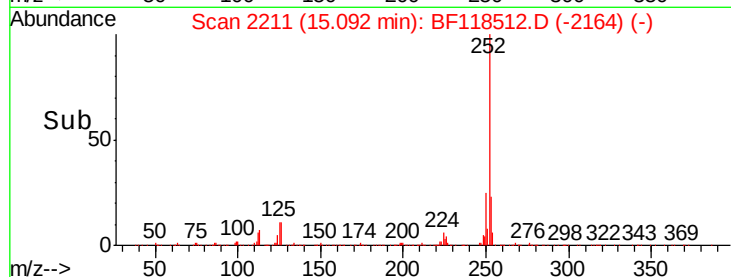
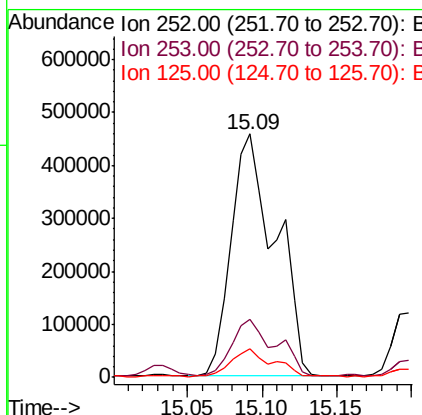
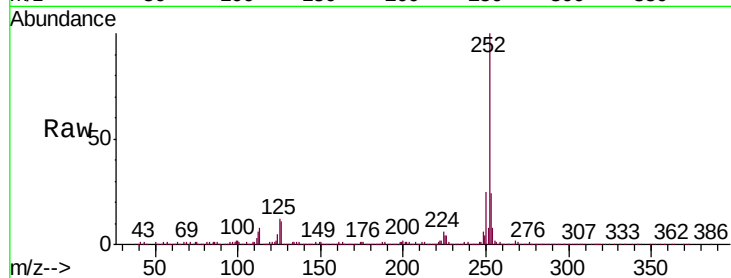




#89
Benzo(k)fluoranthene
Concen: 72.730 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

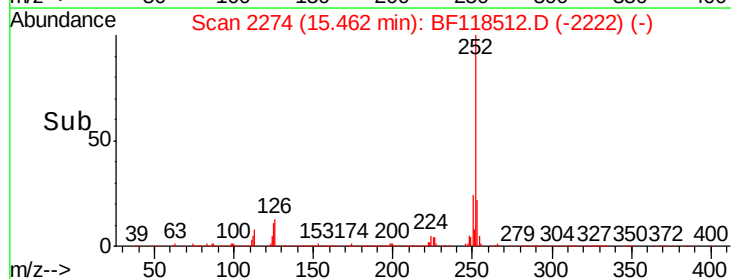
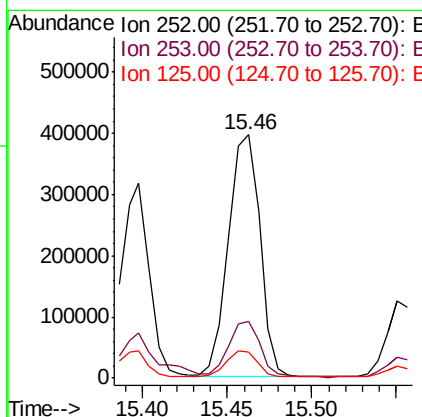
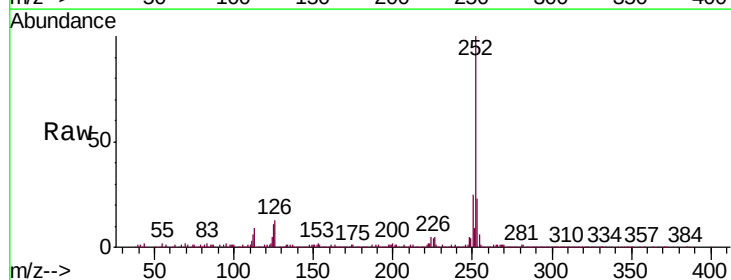
Instrument :
BNA_F
ClientSampleId :
PL-01-010720

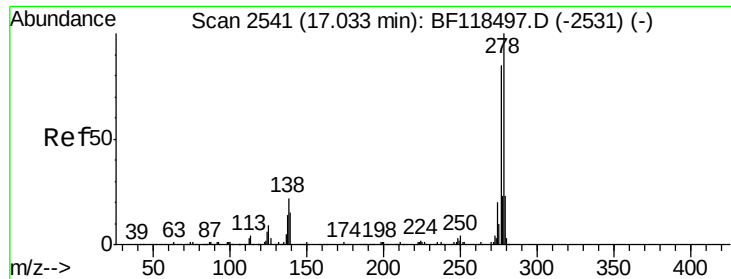
Tgt Ion:252 Resp: 947334
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 11.6 7.8 11.6#



#90
Benzo(a)pyrene
Concen: 46.398 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion:252 Resp: 518856
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 10.9 9.0 13.6

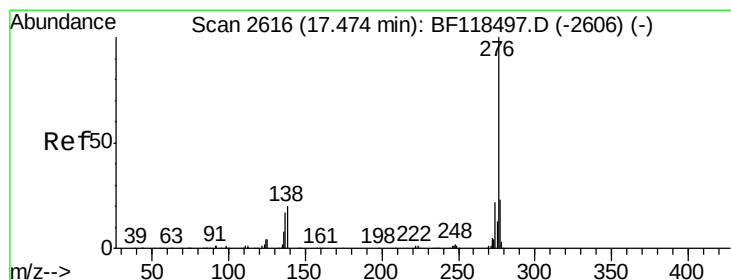
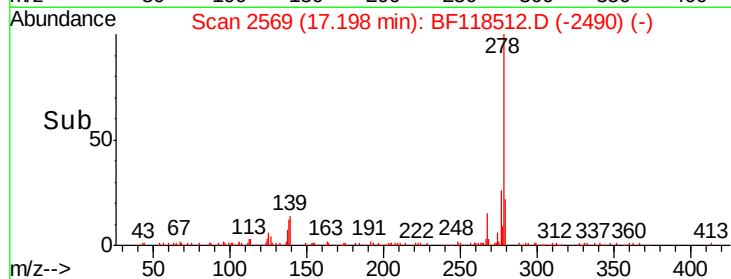
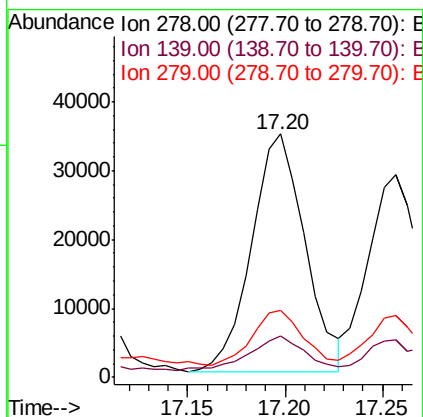
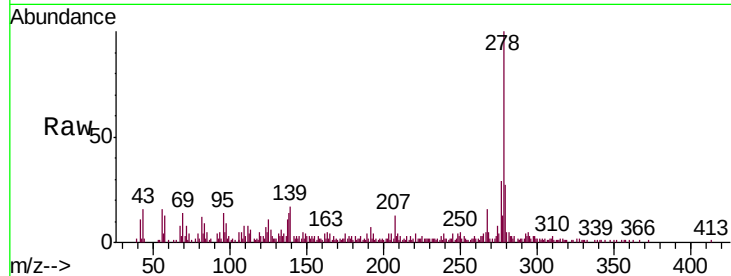




#91
Dibenzo(a,h)anthracene
Concen: 6.240 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.16 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Instrument :
BNA_F
ClientSampleId :
PL-01-010720

Tgt Ion: 278 Resp: 65436
Ion Ratio Lower Upper
278 100
139 17.2 11.9 17.9
279 27.4 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 26.071 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.01 min
Lab File: BF118512.D
Acq: 8 Jan 2020 21:41

Tgt Ion: 276 Resp: 259023
Ion Ratio Lower Upper
276 100
277 24.6 18.2 27.4
138 21.9 16.3 24.5

