

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112732.D
 Acq On : 27 Feb 2019 21:23
 Operator : JU/SJ
 Sample : K1353-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

Quant Time: Feb 28 02:03:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169122	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	591833	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	243218	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	481106	20.00	ng	0.00
76) Chrysene-d12	13.87	240	473609	20.00	ng	0.00
87) Perylene-d12	15.28	264	335756	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	211665	19.47	ng	-0.01
7) Phenol-d6	6.36	99	263047	19.26	ng	-0.01
23) Nitrobenzene-d5	7.29	82	133360	13.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	48052	18.61	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	209240	1.87	ng	0.00
79) Terphenyl-d14	12.83	244	232176	9.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.05	42	109	0.017	ng	# 1
6) Aniline	6.37	93	114	0.006	ng	# 1
9) Benzaldehyde	6.30	77	357	0.036	ng	# 1
10) Phenol	6.37	94	6615	0.415	ng	# 88
11) bis(2-Chloroethyl)ether	6.50	93	305	0.025	ng	# 1
15) Benzyl Alcohol	6.89	79	3066	0.294	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.07	45	115	0.006	ng	# 1
18) Hexachloroethane	7.28	117	2848	0.593	ng	# 1
19) n-Nitroso-di-n-propylamine	7.17	70	1415	0.164	ng	# 33
22) Acetophenone	7.15	105	7933	0.573	ng	# 43
24) Nitrobenzene	7.31	77	894	0.081	ng	# 1
25) Isophorone	7.66	82	11819	0.555	ng	# 67
26) 2-Nitrophenol	7.66	139	379	0.083	ng	# 1
27) 2,4-Dimethylphenol	7.69	122	141	0.017	ng	# 50
28) bis(2-Chloroethoxy)methane	7.77	93	706	0.053	ng	# 1
29) 2,4-Dichlorophenol	7.87	162	142	0.017	ng	# 5
31) Naphthalene	8.04	128	15040	0.512	ng	# 97
32) Benzoic acid	7.70	122	262	0.044	ng	# 1
33) 4-Chloroaniline	8.10	127	660	0.053	ng	# 1
35) Caprolactam	8.46	113	5161	1.772	ng	# 29
36) 4-Chloro-3-methylphenol	8.56	107	814	0.089	ng	# 20
37) 2-Methylnaphthalene	8.73	142	18938	0.998	ng	# 97
38) 1-Methylnaphthalene	8.83	142	14246	0.775	ng	# 95
43) 2,4,6-Trichlorophenol	9.21	196	310	0.064	ng	# 12
44) 2,4,5-Trichlorophenol	9.21	196	310	0.059	ng	# 1
46) 1,1'-Biphenyl	9.19	154	7722	0.389	ng	# 99
47) 2-Chloronaphthalene	9.26	162	243	0.016	ng	# 1
48) 2-Nitroaniline	9.30	65	381	0.081	ng	# 51
49) Acenaphthylene	9.63	152	14265	0.542	ng	# 92
50) Dimethylphthalate	9.49	163	12399	0.691	ng	# 96
51) 2,6-Dinitrotoluene	9.77	165	35557	9.521	ng	# 19
52) Acenaphthene	9.80	154	12167	0.791	ng	# 97
53) 3-Nitroaniline	9.73	138	890	0.196	ng	# 40
55) Dibenzofuran	9.97	168	13681	0.612	ng	# 86

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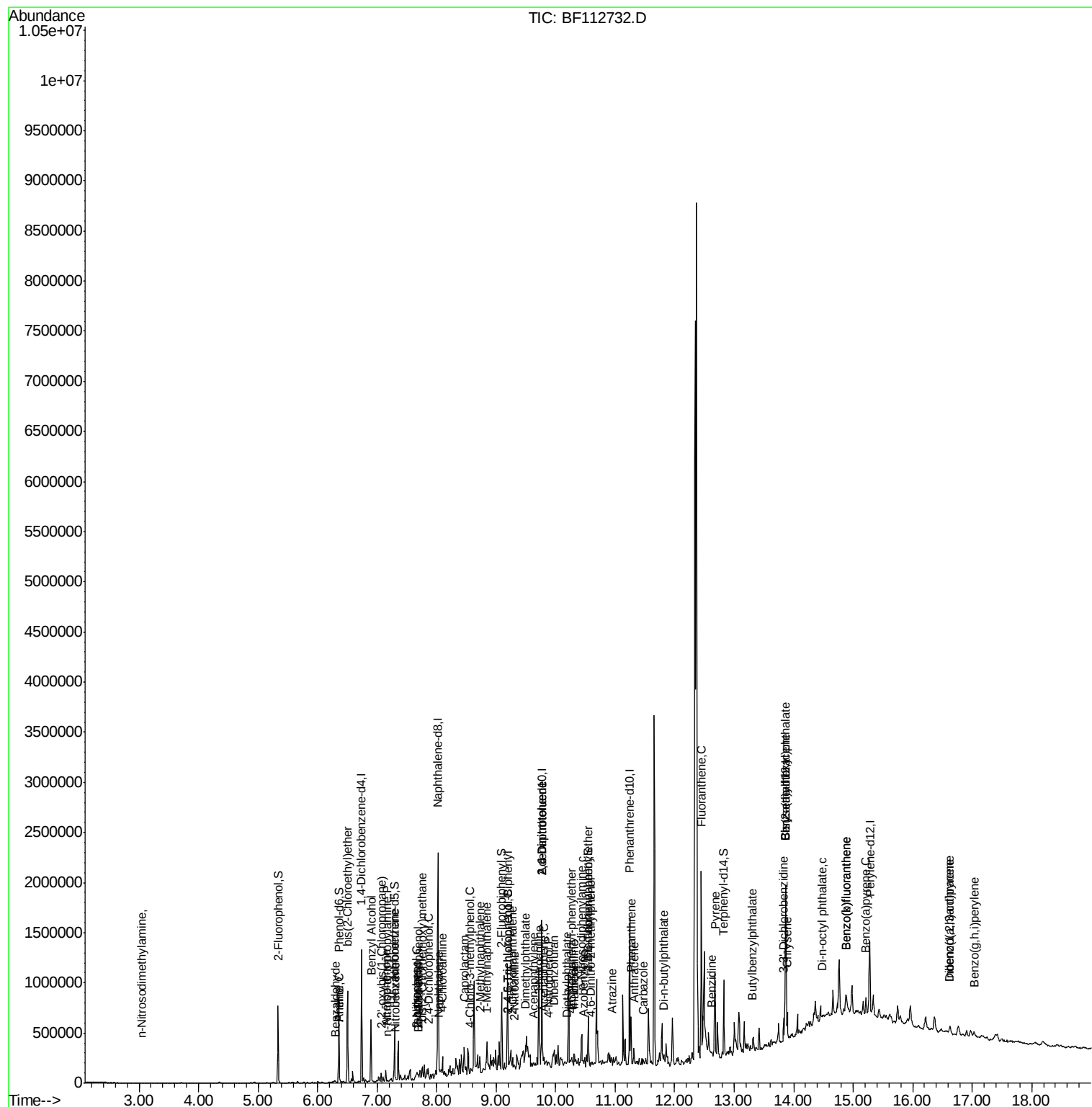
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	9.87	139	808	0.218	nq	# 13
57) 2,4-Dinitrotoluene	9.77	165	35557	7.660	nq	# 19
58) Fluorene	10.31	166	23203	1.463	nq	# 91
60) Diethylphthalate	10.19	149	1569	0.083	nq	# 46
61) 4-Chlorophenyl-phenylether	10.26	204	117	0.016	nq	# 1
62) 4-Nitroaniline	10.31	138	1276	0.303	nq	# 85
63) Azobenzene	10.47	77	924	0.048	nq	# 1
65) 4,6-Dinitro-2-methylphenol	10.59	198	665	4.917	nq	# 1
66) n-Nitrosodiphenylamine	10.43	169	5961	0.386	nq	# 60
67) 4-Bromophenyl-phenylether	10.55	248	2946	0.581	nq	# 1
69) Atrazine	10.95	200	1151	0.244	nq	# 61
71) Phenanthrene	11.27	178	160847	6.720	nq	# 99
72) Anthracene	11.32	178	49031	1.957	nq	# 99
73) Carbazole	11.47	167	11473	0.469	nq	# 86
74) Di-n-butylphthalate	11.82	149	1311	0.045	nq	# 28
75) Fluoranthene	12.45	202	256767	10.012	nq	# 95
77) Benzidine	12.62	184	484	0.020	nq	# 1
78) Pyrene	12.68	202	254222	6.367	nq	# 98
80) Butylbenzylphthalate	13.30	149	661	0.038	nq	# 7
81) Benzo(a)anthracene	13.86	228	116935	3.562	nq	# 95
82) 3,3'-Dichlorobenzidine	13.83	252	270	0.022	nq	# 61
83) Chrysene	13.89	228	107846	3.354	nq	# 97
84) Bis(2-ethylhexyl)phthalate	13.87	149	3368	0.163	nq	# 78
85) Di-n-octyl phthalate	14.49	149	1544	0.043	nq	# 71
86) Indeno(1,2,3-cd)pyrene	16.63	276	37687	1.375	nq	# 94
88) Benzo(b)fluoranthene	14.88	252	136194	6.271	nq	# 91
89) Benzo(k)fluoranthene	14.88	252	136194	6.923	nq	# 91
90) Benzo(a)pyrene	15.22	252	70459	3.668	nq	# 90
91) Dibenzo(a,h)anthracene	16.63	278	9011	0.550	nq	# 42
92) Benzo(a,h,i)perylene	17.03	276	35040	2.129	nq	# 97

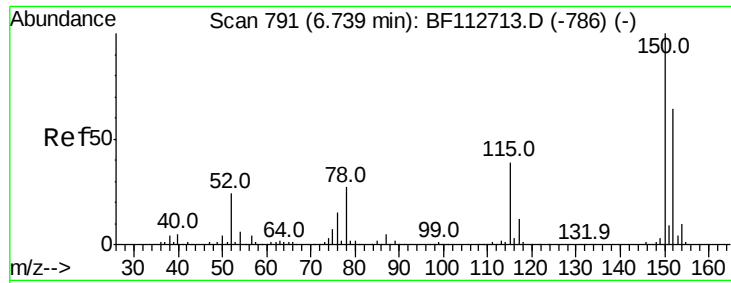
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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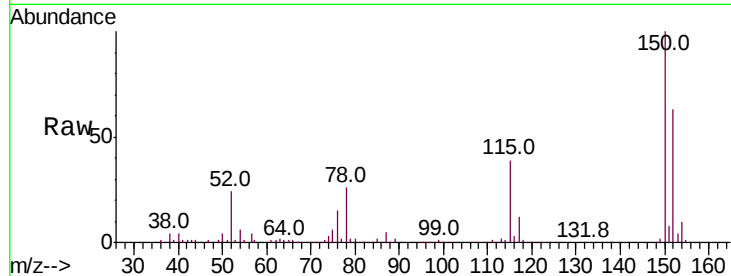


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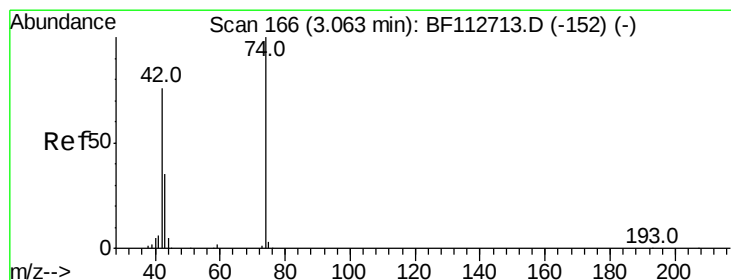
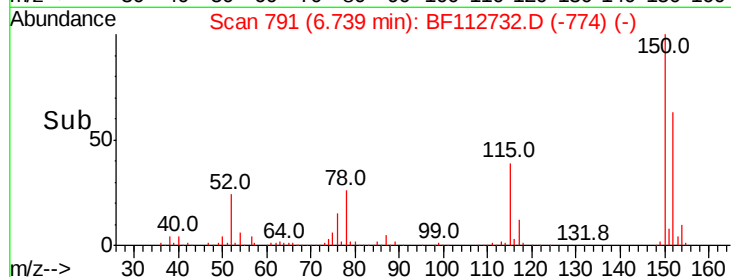
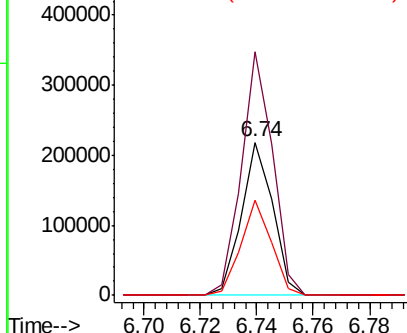
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tot Ion:152 Resp: 169122
Ion Ratio Lower Upper
152 100
150 159.2 124.2 186.2
115 62.5 48.2 72.4



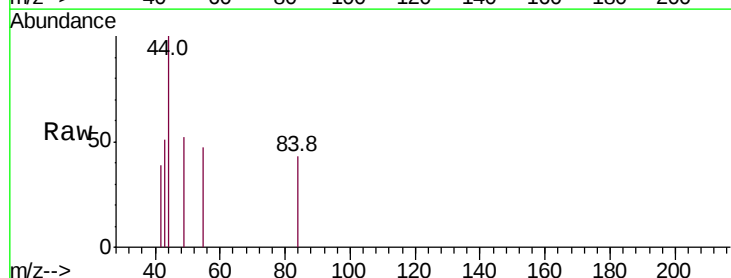
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



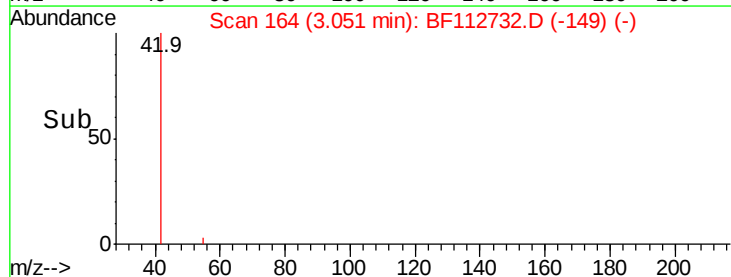
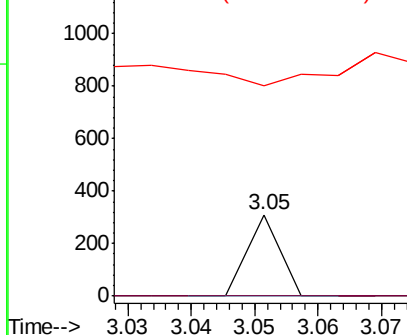
#4

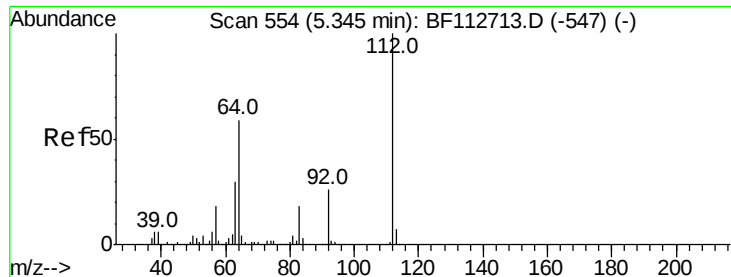
n-Nitrosodimethylamine
Concen: 0.017 ng
RT: 3.05 min Scan# 164
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 42 Resp: 109
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 259.5 6.2 9.2#



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: 19.468 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

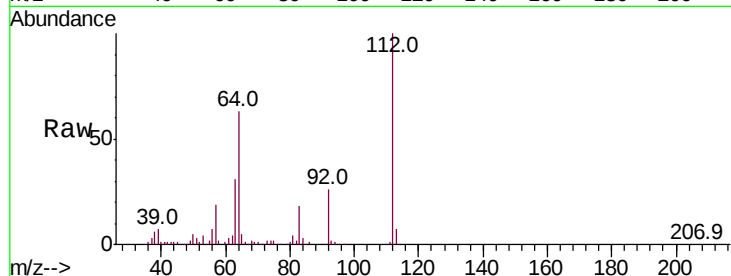
Tot Ion:112 Resp: 211665

Ion Ratio Lower Upper

112 100

64 63.3 47.6 71.4

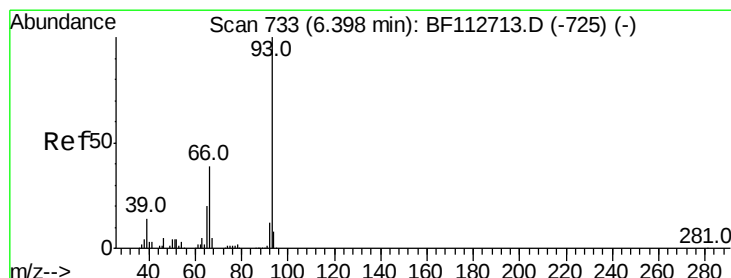
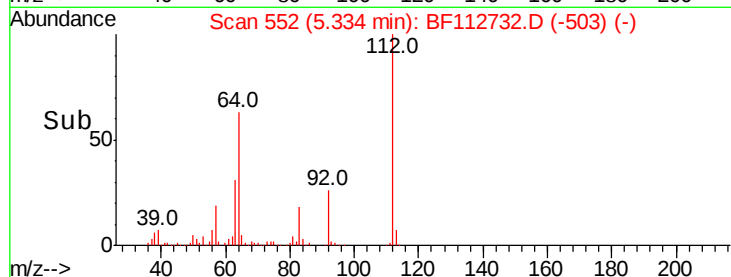
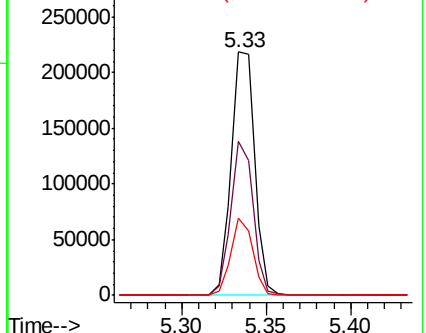
63 31.5 24.4 36.6



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



#6

Aniline

Concen: 0.006 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

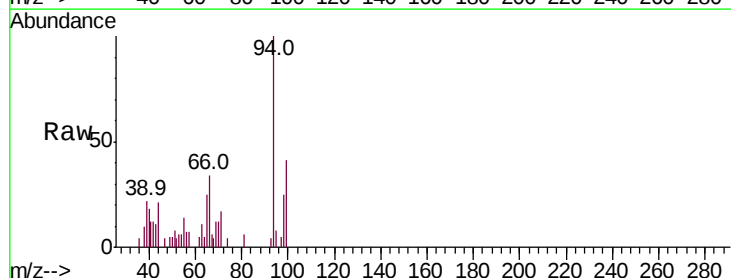
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

66 910.2 32.2 48.2#

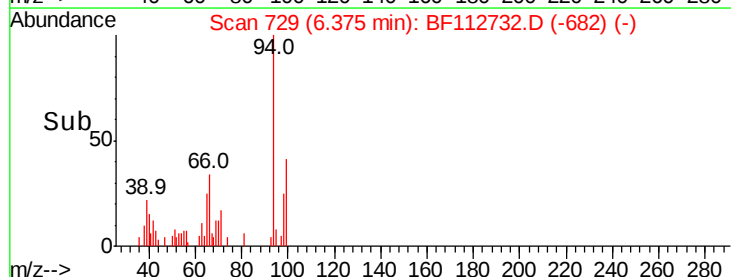
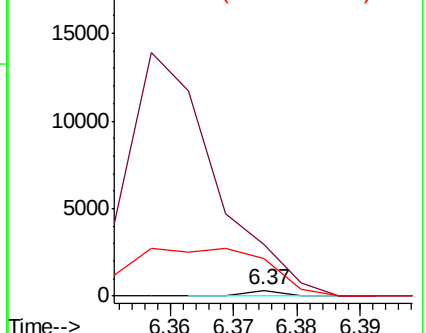
65 660.6 16.2 24.4#

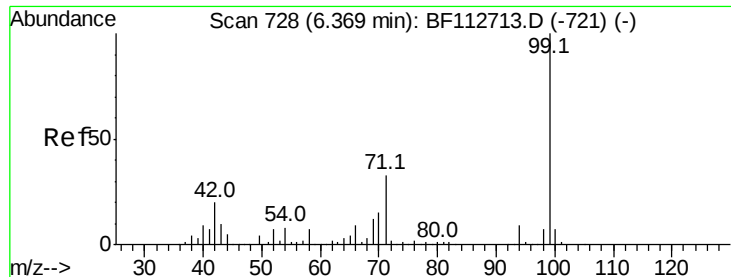


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 19.261 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

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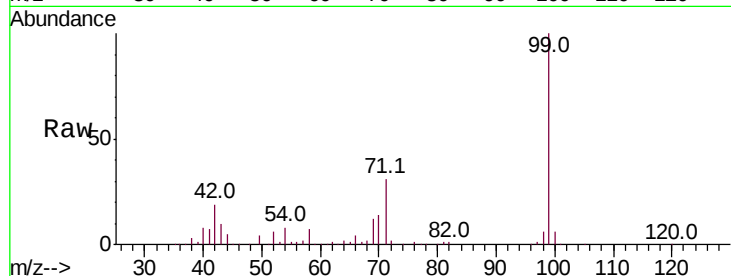
Tot Ion: 99 Resp: 263047

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

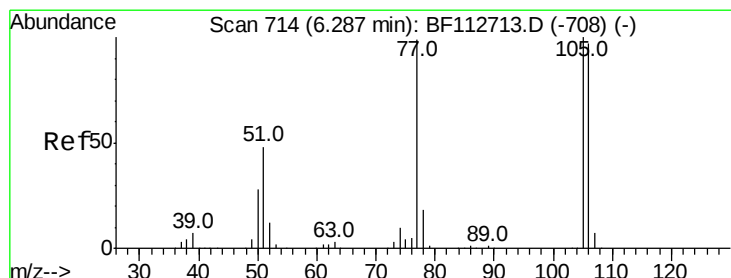
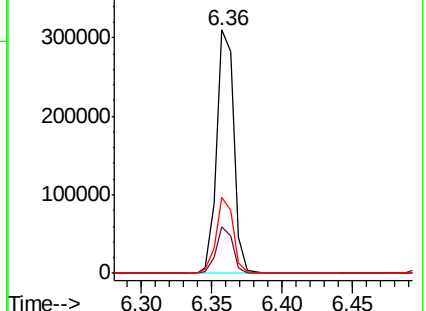
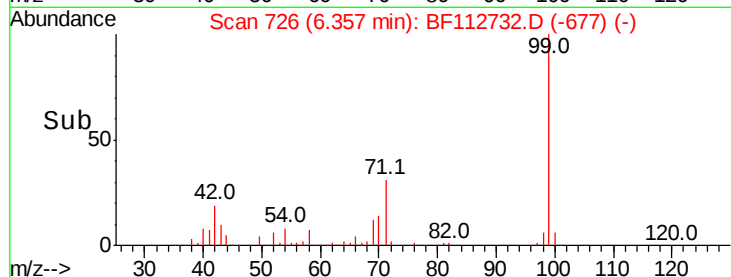
71 31.4 26.2 39.4



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



#9

Benzaldehyde

Concen: 0.036 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.02 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

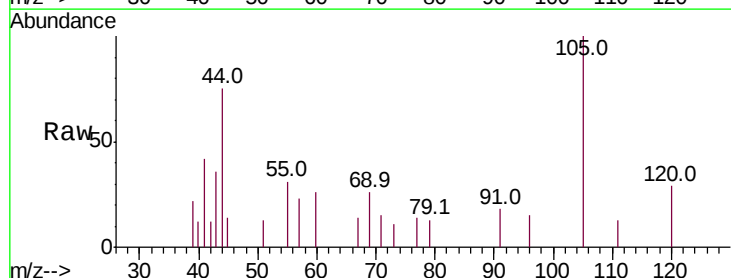
Tgt Ion: 77 Resp: 357

Ion Ratio Lower Upper

77 100

105 719.8 81.4 121.4#

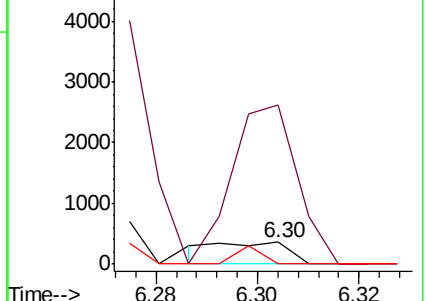
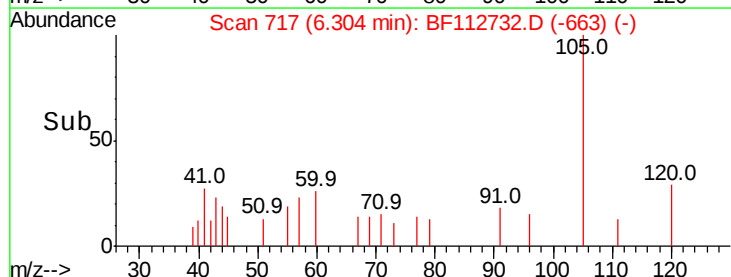
106 0.0 78.3 118.3#

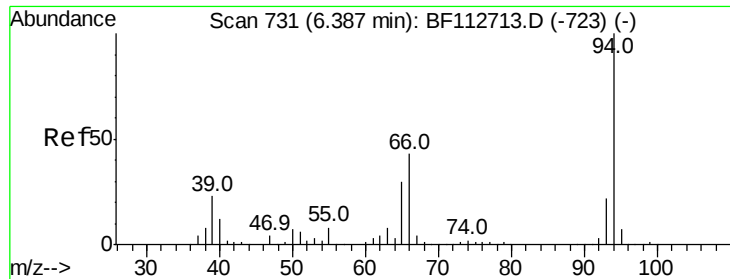


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.415 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112732.D

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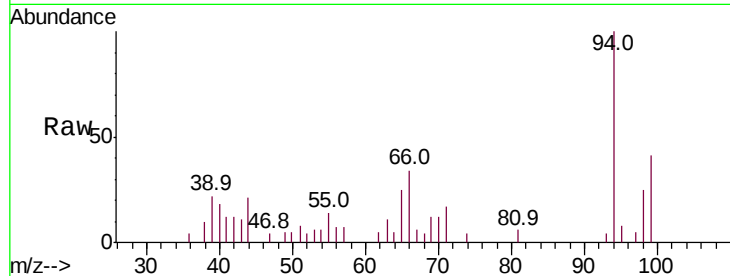
Tot Ion: 94 Resp: 6615

Ion Ratio Lower Upper

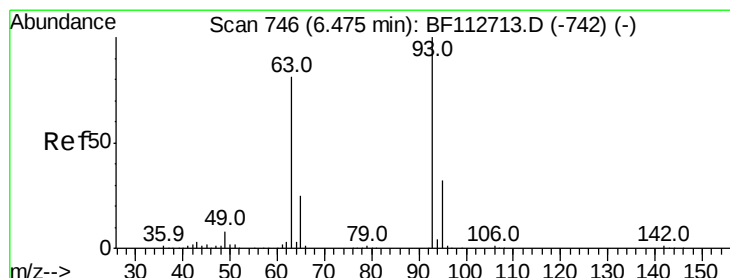
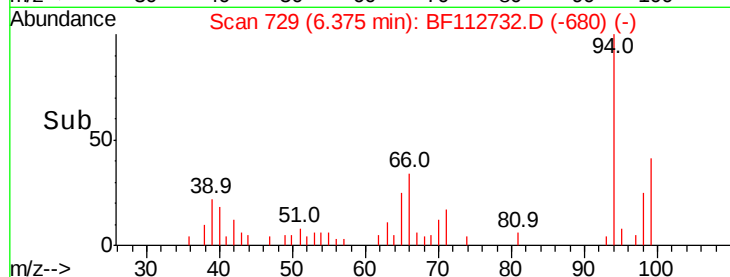
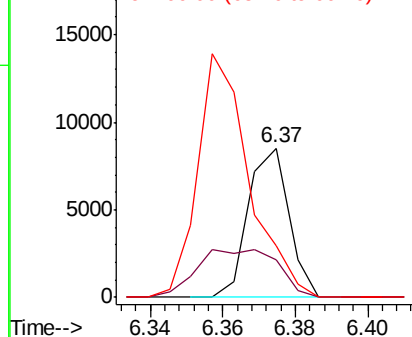
94 100

65 25.0 10.5 50.5

66 34.4 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

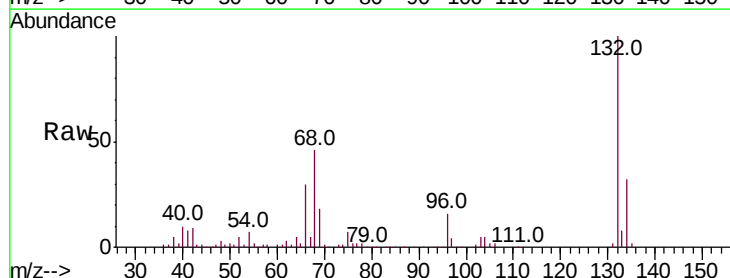
Tgt Ion: 93 Resp: 305

Ion Ratio Lower Upper

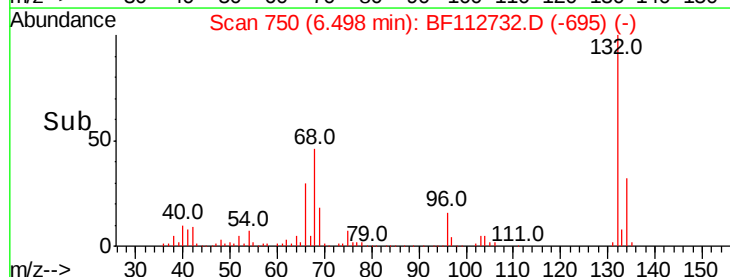
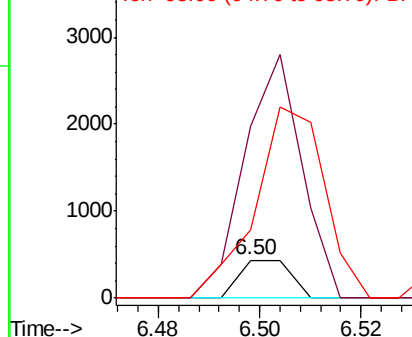
93 100

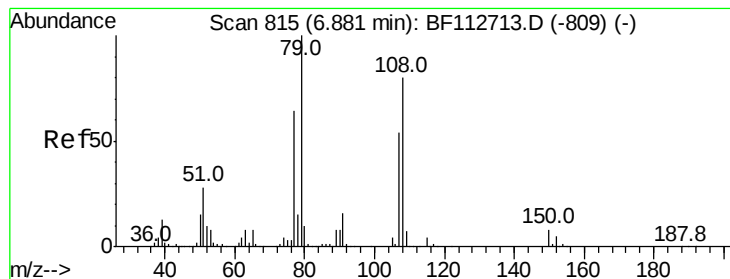
63 453.9 60.5 100.5#

95 180.2 12.1 52.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 0.294 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

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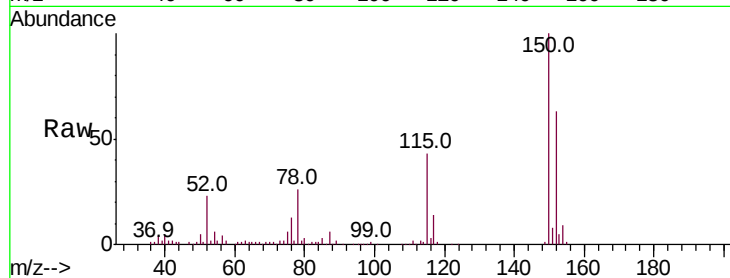
Tot Ion: 79 Resp: 3066

Ion Ratio Lower Upper

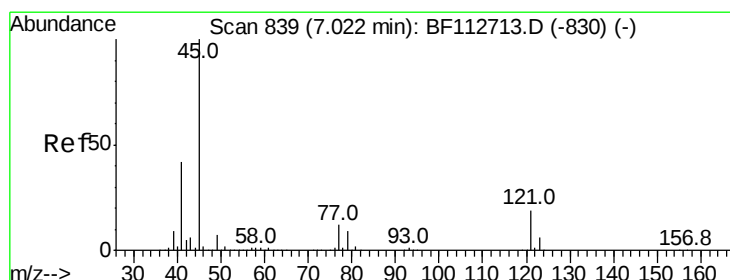
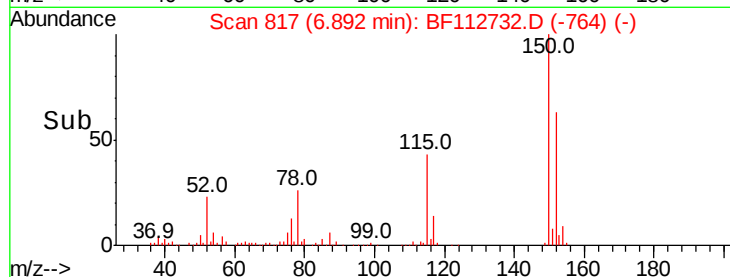
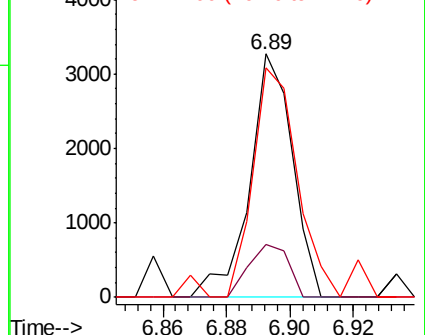
79 100

108 21.8 64.2 96.4#

77 94.1 51.1 76.7#



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.006 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.05 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

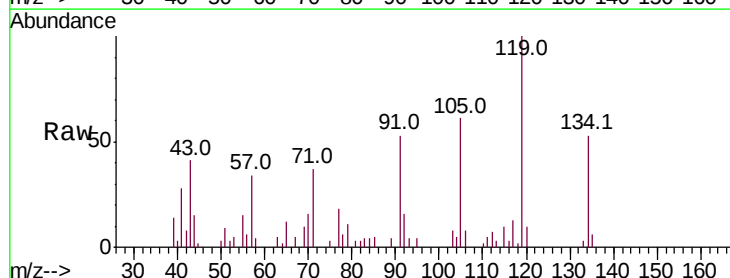
Tgt Ion: 45 Resp: 115

Ion Ratio Lower Upper

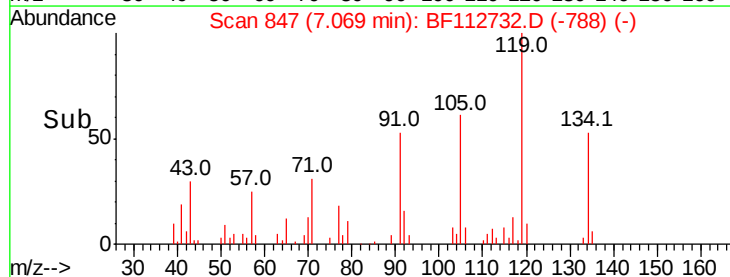
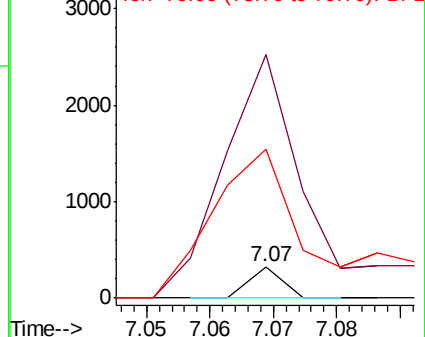
45 100

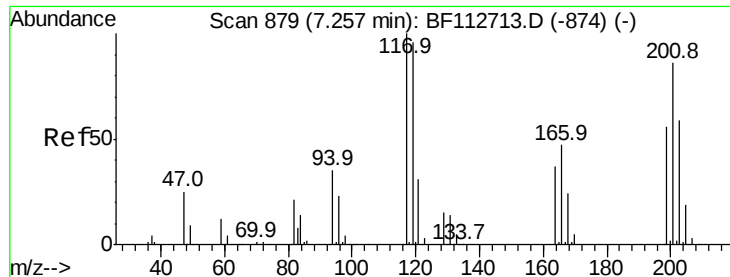
77 774.2 0.0 32.1#

79 473.6 0.0 29.4#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 0.593 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

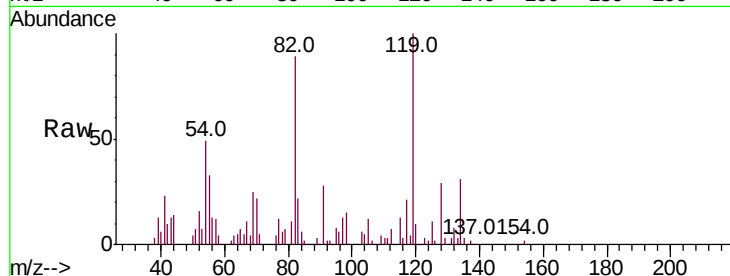
Tot Ion:117 Resp: 2848

Ion Ratio Lower Upper

117 100

119 470.1 76.6 115.0#

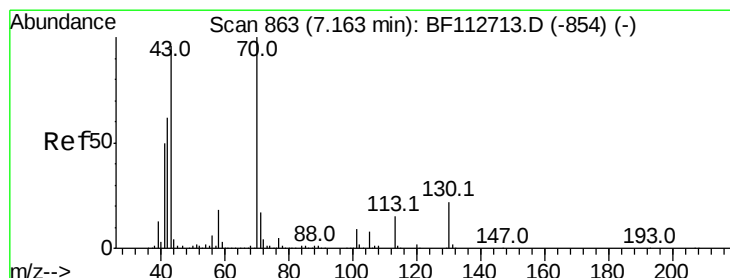
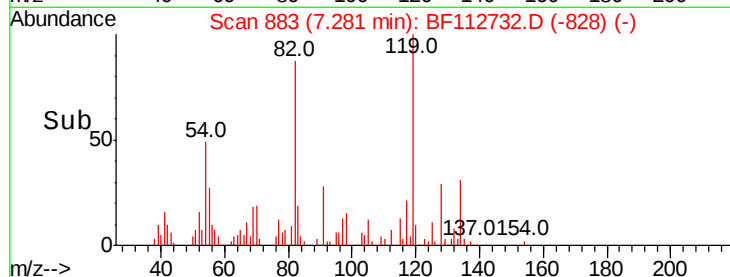
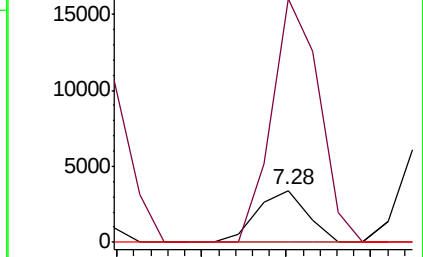
201 0.0 68.9 103.3#



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: 0.164 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Tgt Ion: 70 Resp: 1415

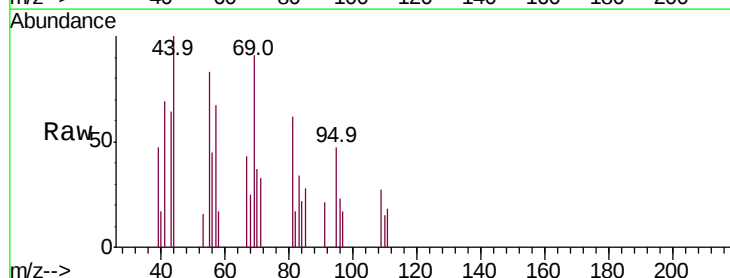
Ion Ratio Lower Upper

70 100

42 0.0 49.9 74.9#

101 0.0 7.4 11.2#

130 0.0 17.4 26.2#

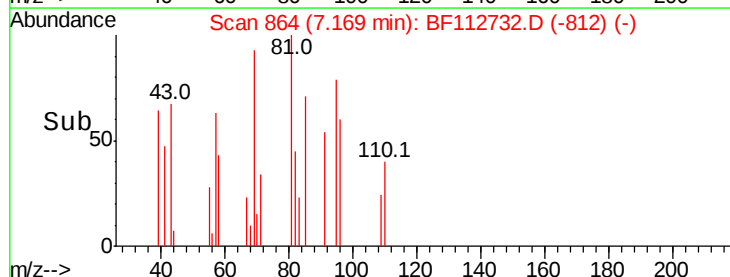
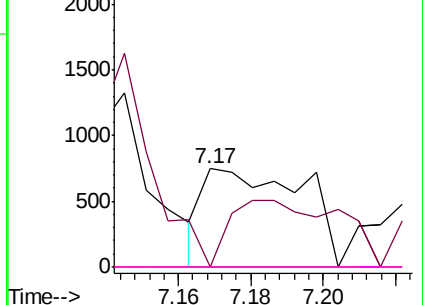


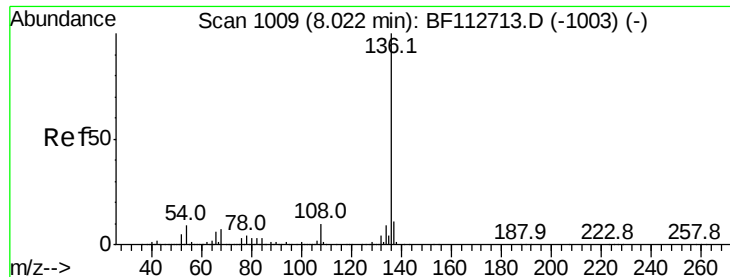
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

Tot Ion:136 Resp: 591833

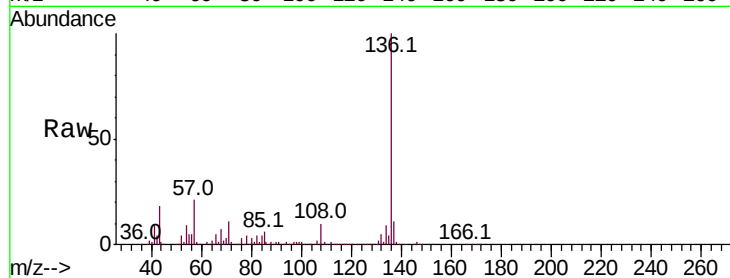
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 7.3 10.9

68 6.5 5.4 8.2

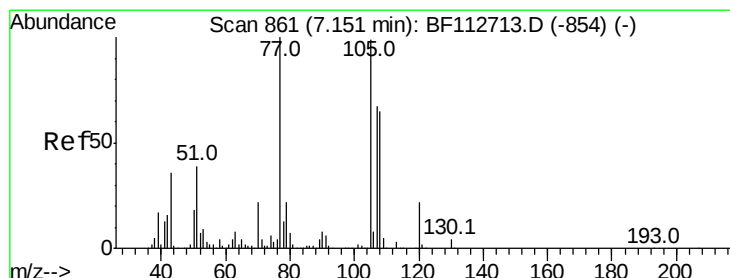
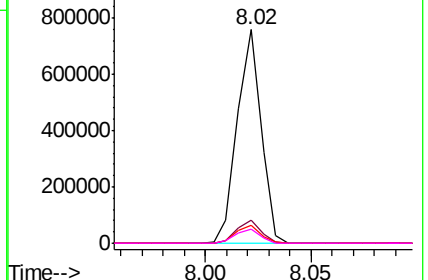
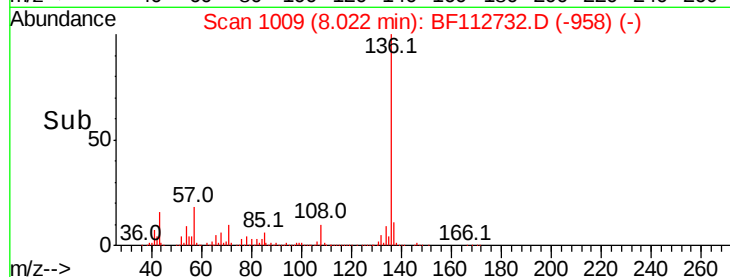


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.573 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Tgt Ion:105 Resp: 7933

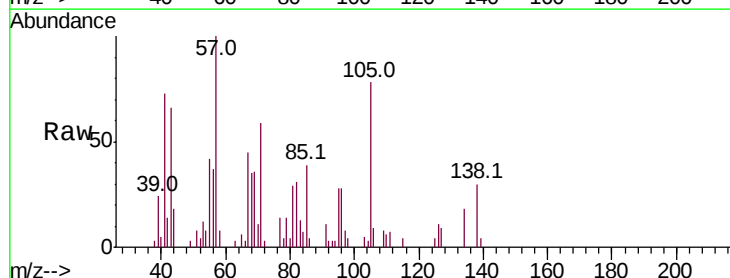
Ion Ratio Lower Upper

105 100

71 75.1 3.0 4.4#

51 10.1 31.5 47.3#

120 0.0 18.1 27.1#

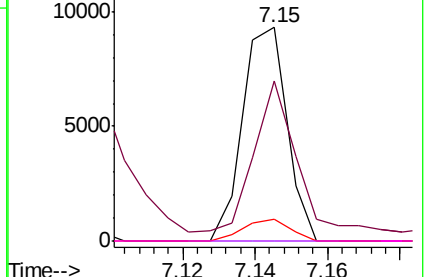
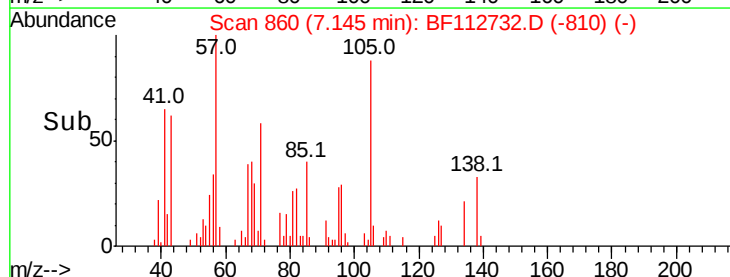


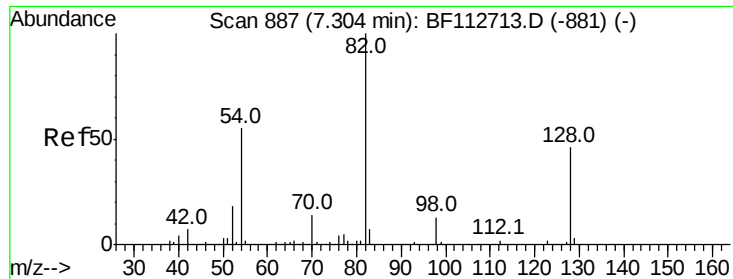
Abundance Ion 105.00 (104.70 to 105.70): E

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

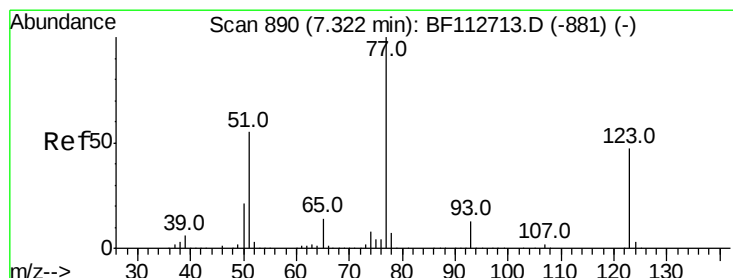
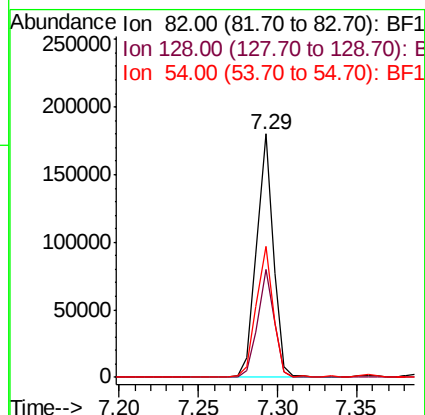
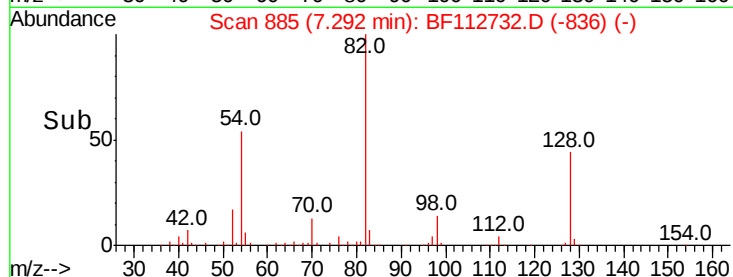
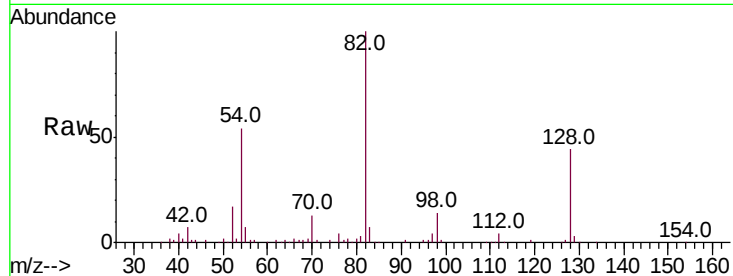




#23
 Nitrobenzene-d5
 Concen: 13.484 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

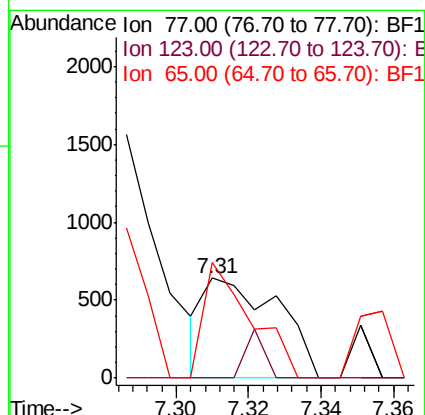
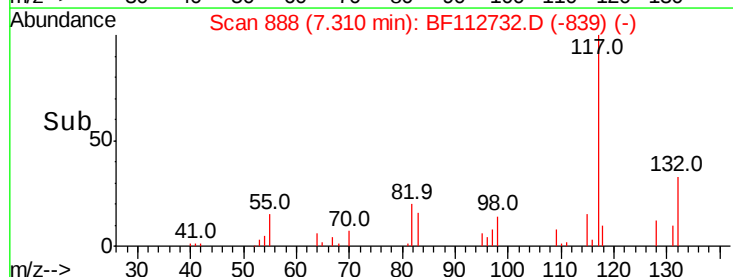
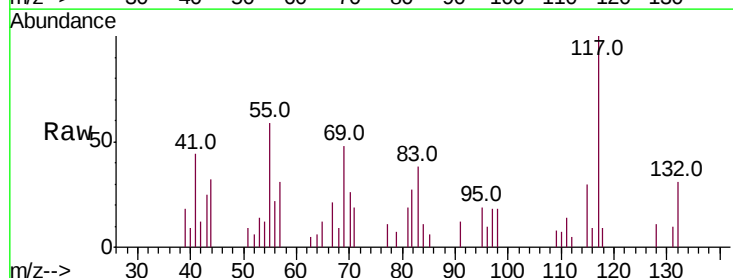
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

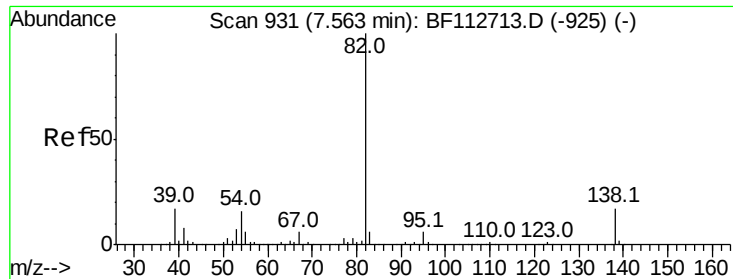
Tot Ion: 82 Resp: 133360
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.3 54.5
 54 53.7 43.7 65.5



#24
 Nitrobenzene
 Concen: 0.081 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion: 77 Resp: 894
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.8 56.6#
 65 115.7 11.1 16.7#





#25

Isophorone

Concen: 0.555 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.09 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

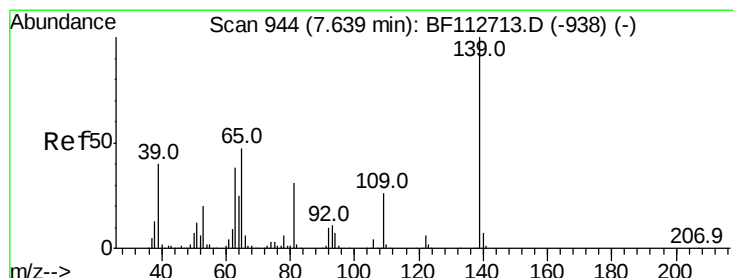
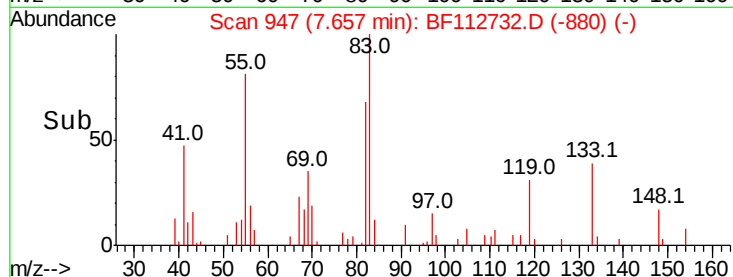
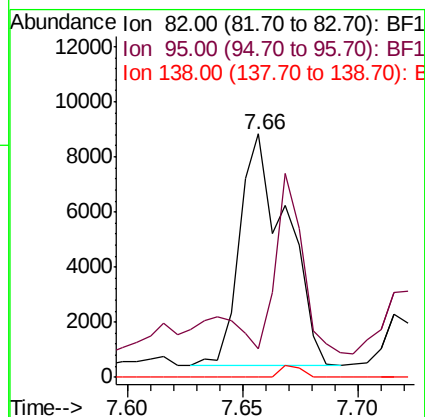
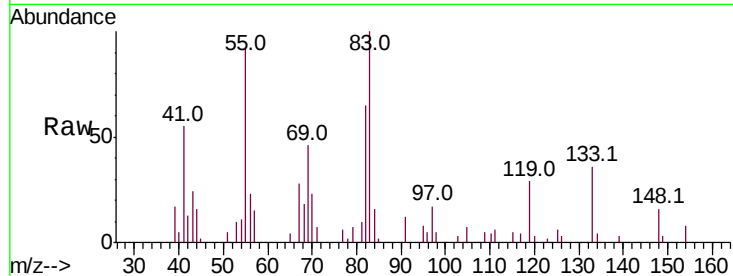
Tot Ion: 82 Resp: 11819

Ion Ratio Lower Upper

82 100

95 11.8 5.2 7.8#

138 0.0 13.8 20.8#



#26

2-Nitrophenol

Concen: 0.083 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.02 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

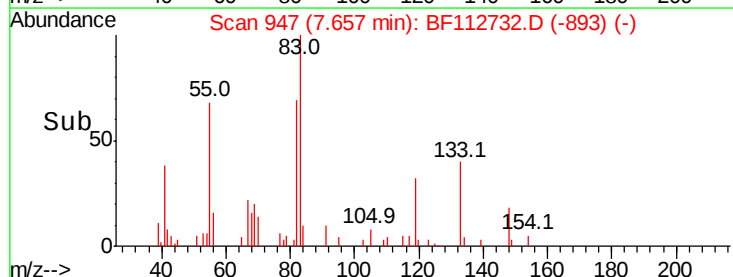
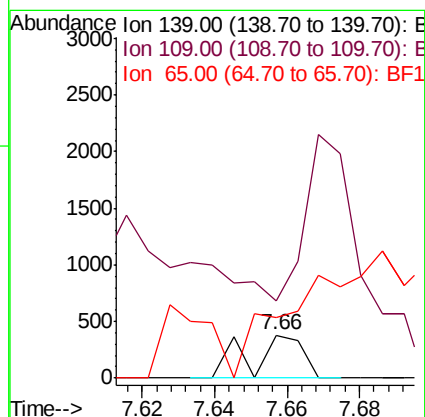
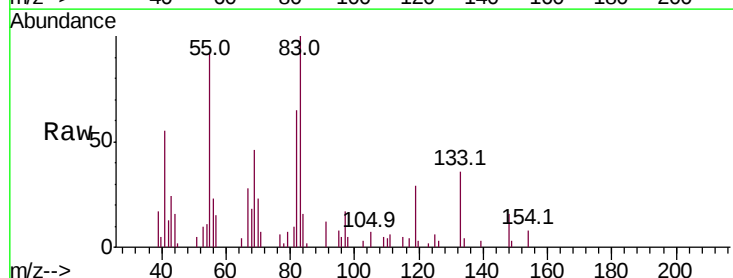
Tgt Ion: 139 Resp: 379

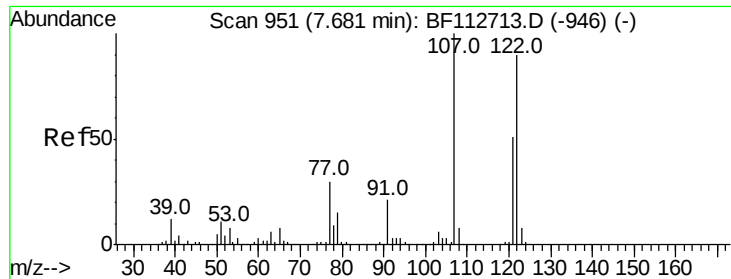
Ion Ratio Lower Upper

139 100

109 180.0 20.6 31.0#

65 141.6 37.9 56.9#

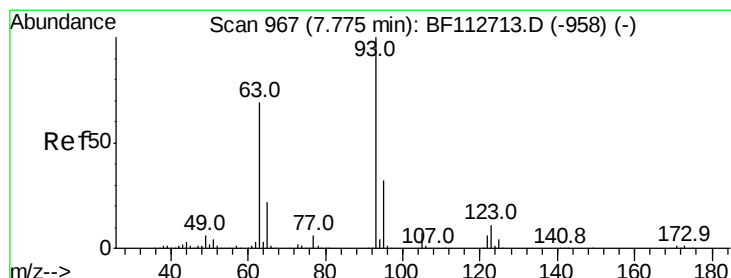
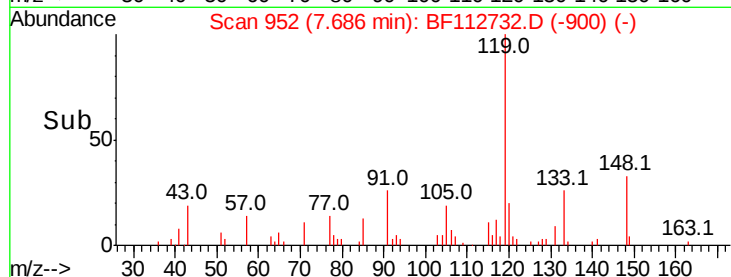
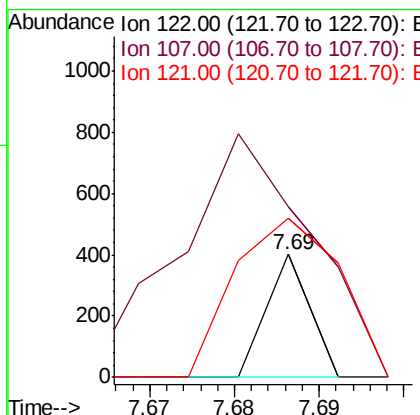
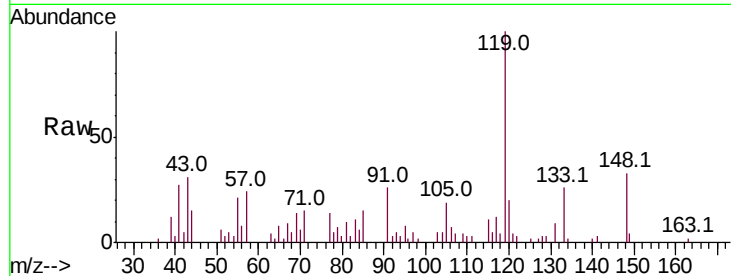




#27
 2,4-Dimethylphenol
 Concen: 0.017 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

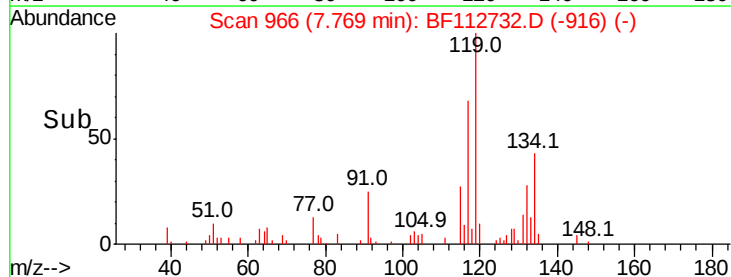
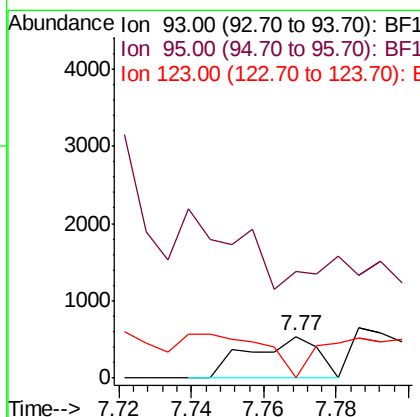
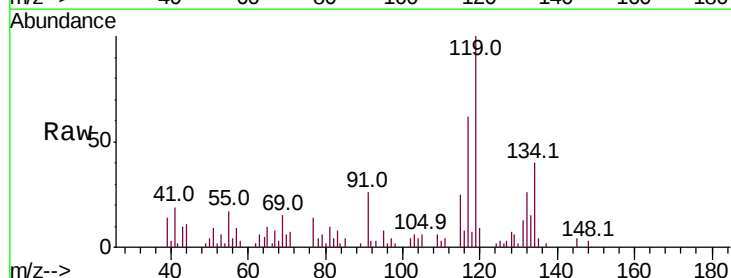
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

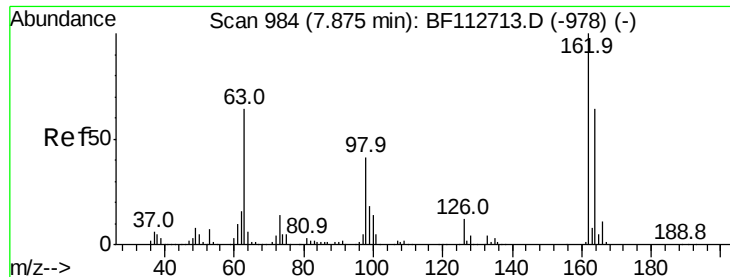
Tot Ion:122 Resp: 141
 Ion Ratio Lower Upper
 122 100
 107 139.2 89.4 134.0#
 121 129.4 45.5 68.3#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.053 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion: 93 Resp: 706
 Ion Ratio Lower Upper
 93 100
 95 256.5 26.0 39.0#
 123 0.0 9.3 13.9#





#29

2,4-Dichlorophenol

Concen: 0.017 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

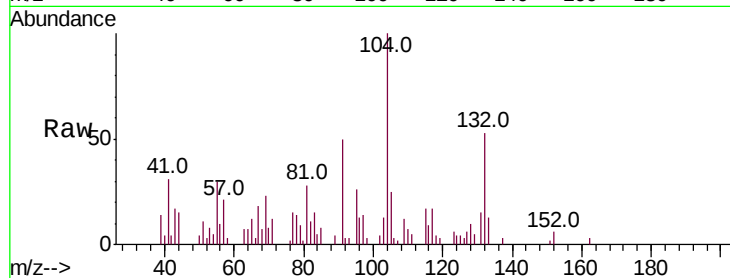
Tot Ion:162 Resp: 142

Ion Ratio Lower Upper

162 100

164 0.0 44.0 84.0#

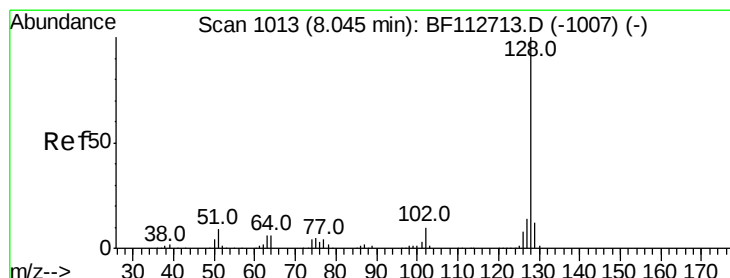
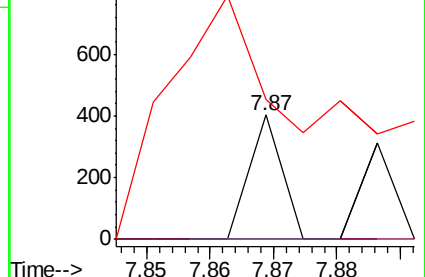
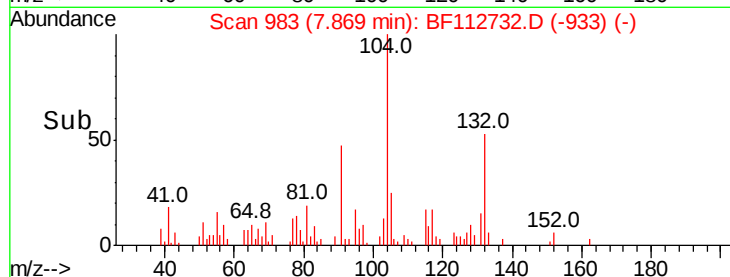
98 112.2 20.7 60.7#



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: 0.512 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

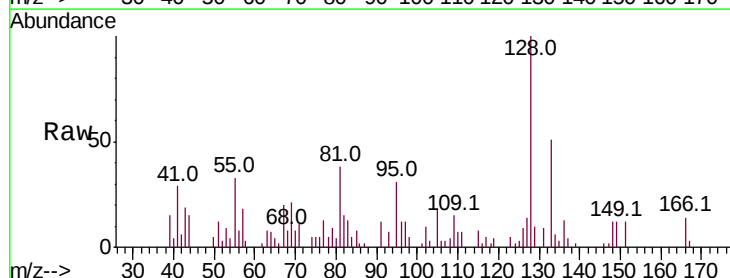
Tgt Ion:128 Resp: 15040

Ion Ratio Lower Upper

128 100

129 9.9 9.3 13.9

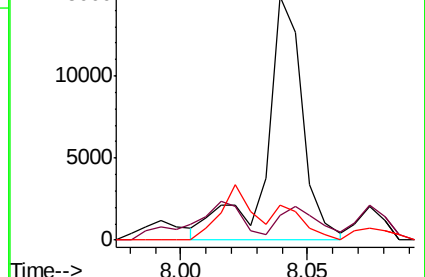
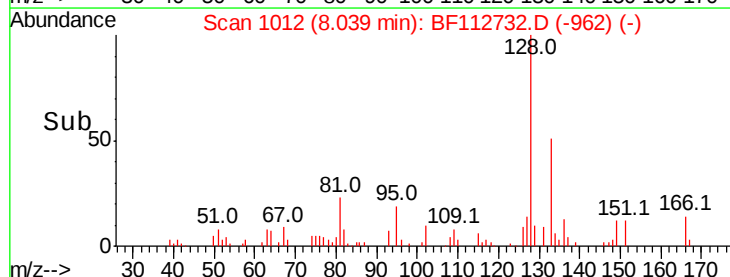
127 14.2 10.9 16.3

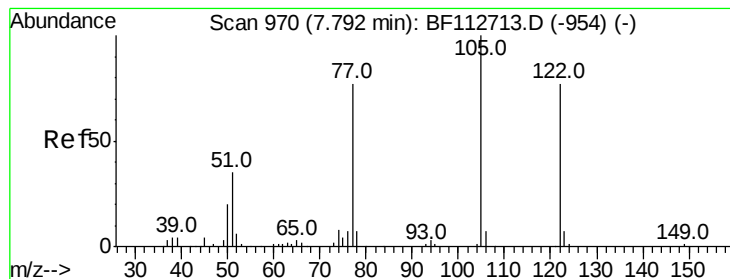


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.044 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

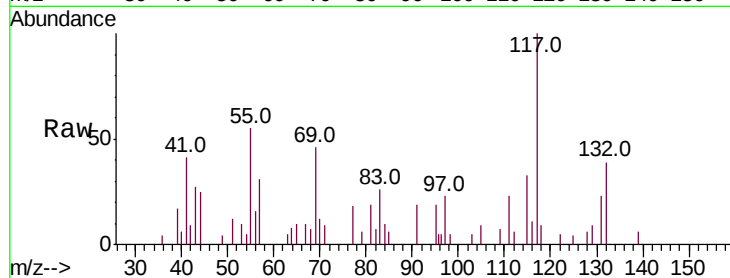
Tot Ion:122 Resp: 262

Ion Ratio Lower Upper

122 100

105 171.1 106.8 146.8#

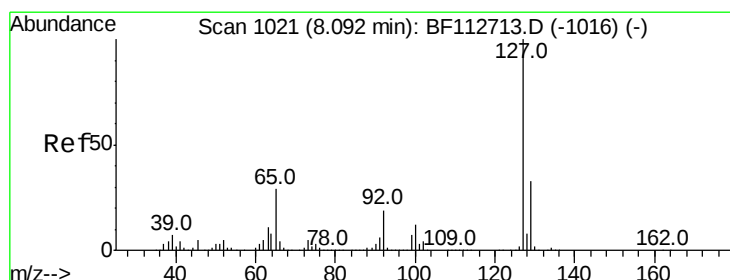
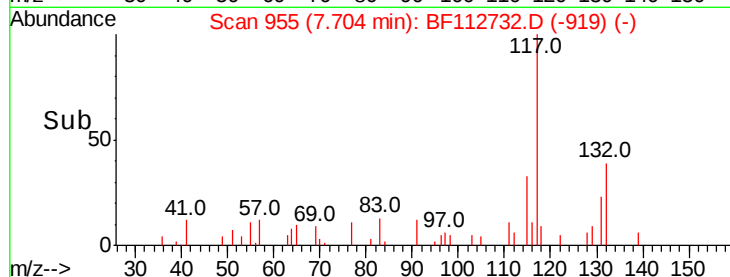
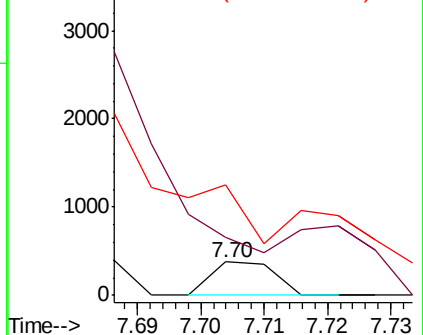
77 329.1 79.4 119.4#



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: 0.053 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Tgt Ion:127 Resp: 660

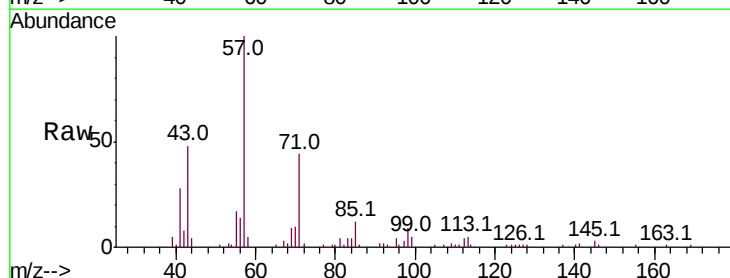
Ion Ratio Lower Upper

127 100

129 61.8 26.4 39.6#

65 96.8 23.1 34.7#

92 196.0 14.9 22.3#

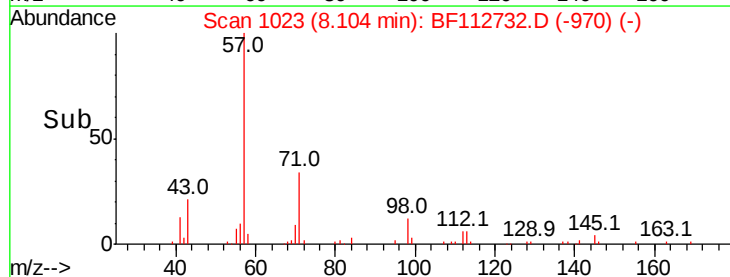
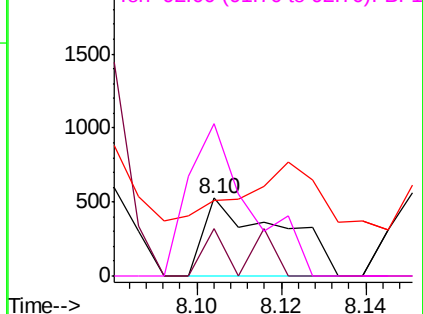


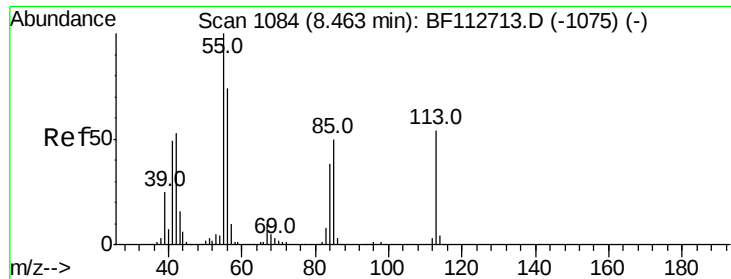
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

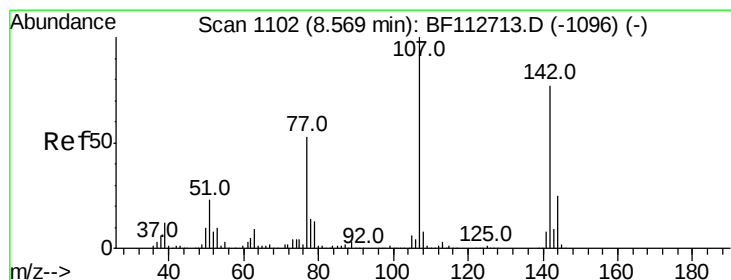
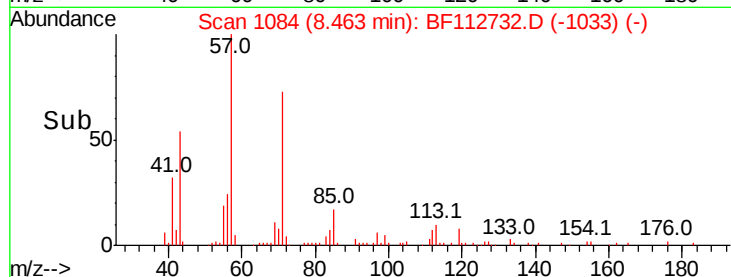
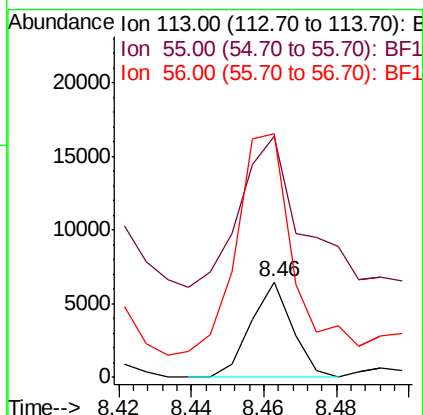
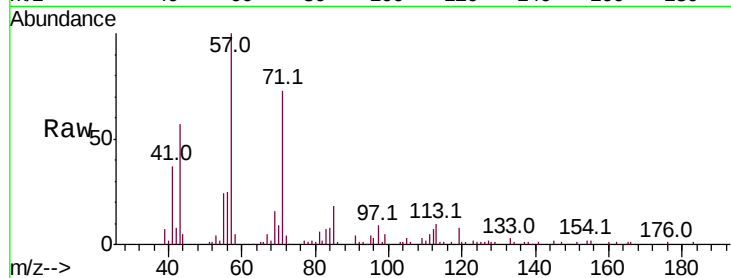




#35
 Caprolactam
 Concen: 1.772 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

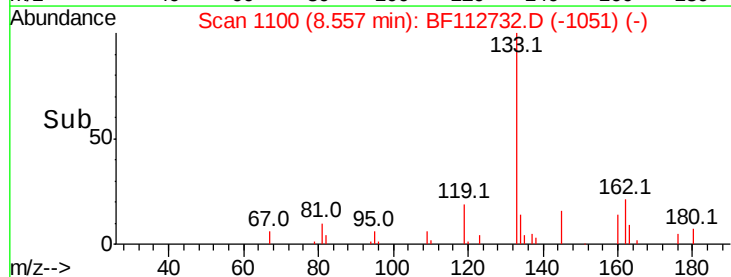
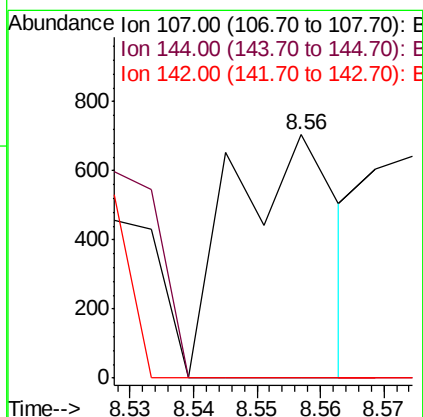
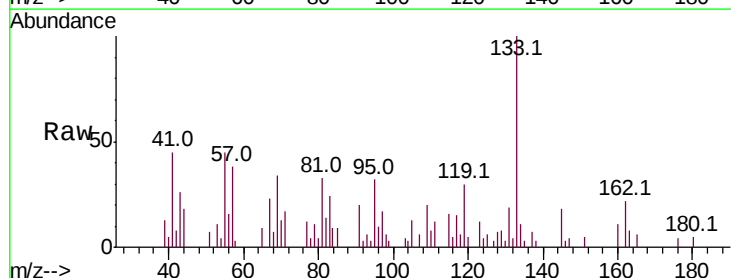
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

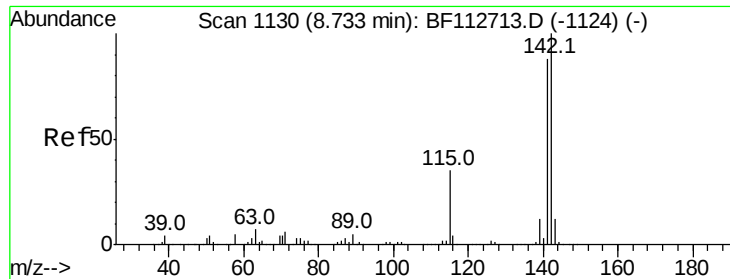
Tot Ion:113 Resp: 5161
 Ion Ratio Lower Upper
 113 100
 55 253.6 163.5 203.5#
 56 255.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 0.089 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion:107 Resp: 814
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.1 30.1#
 142 0.0 61.9 92.9#

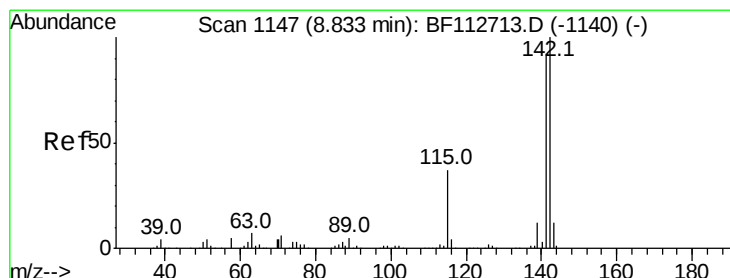
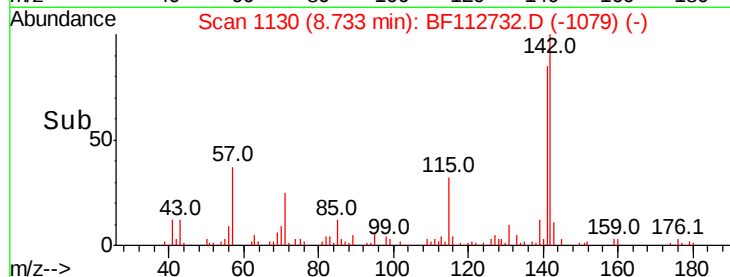
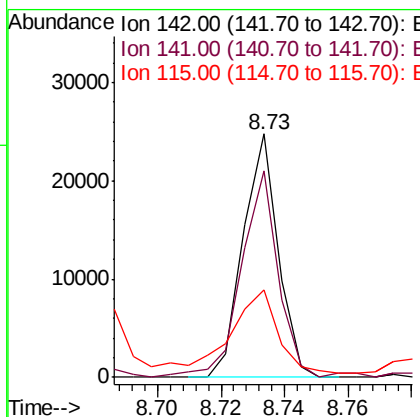
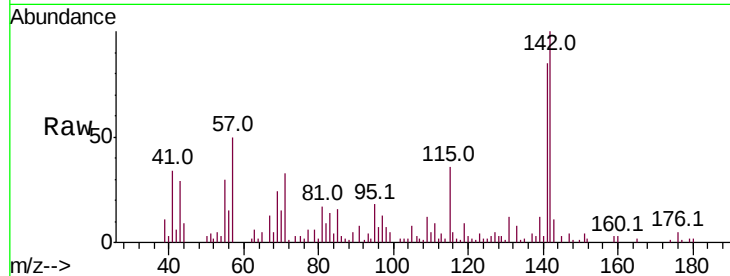




#37
 2-Methylnaphthalene
 Concen: 0.998 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

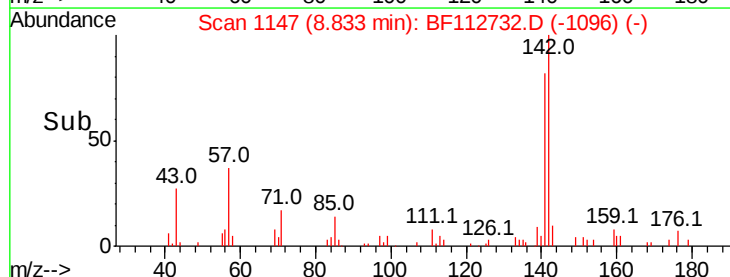
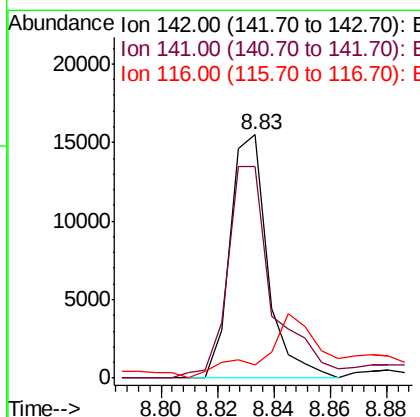
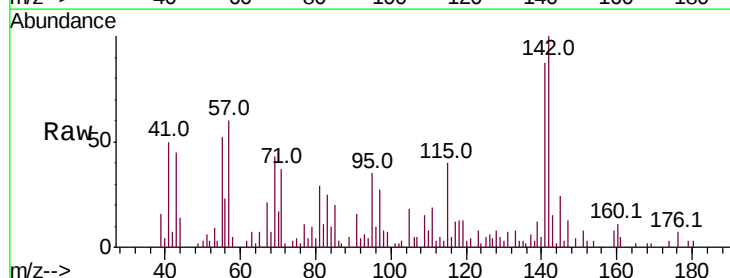
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

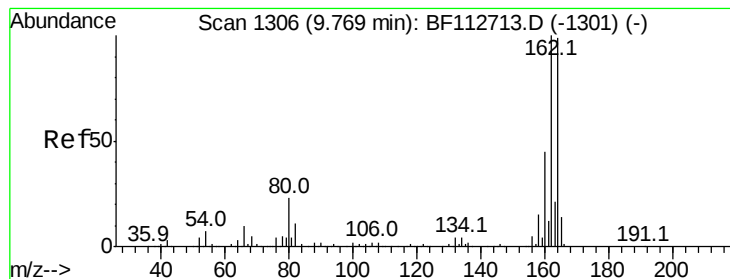
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.3	105.5
115	35.7	27.8	41.6



#38
 1-Methylnaphthalene
 Concen: 0.775 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.7	110.5
116	5.5	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

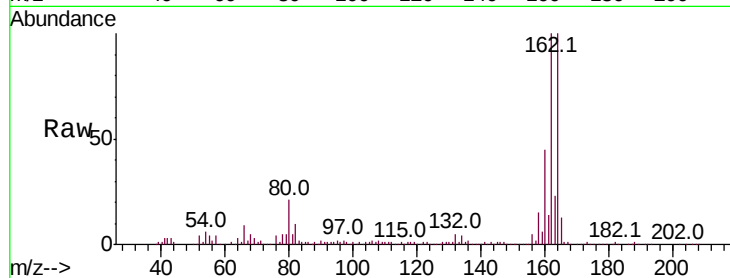
Tot Ion:164 Resp: 243218

Ion Ratio Lower Upper

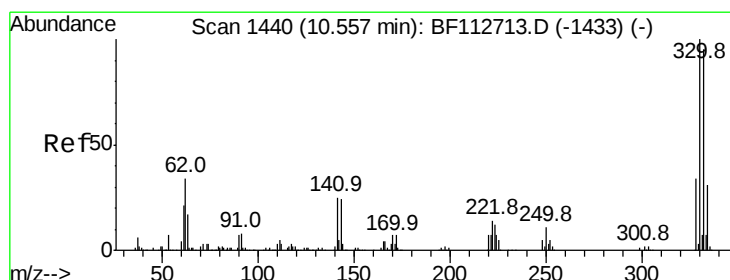
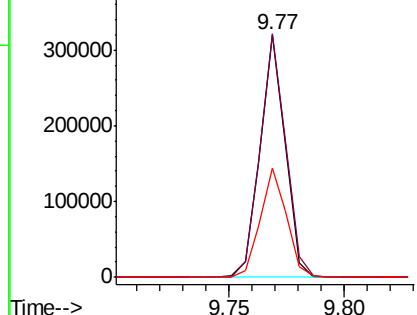
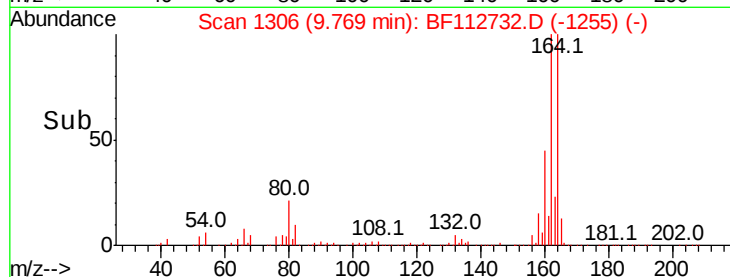
164 100

162 100.3 80.6 120.8

160 45.2 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



#42

2,4,6-Tribromophenol

Concen: 18.610 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

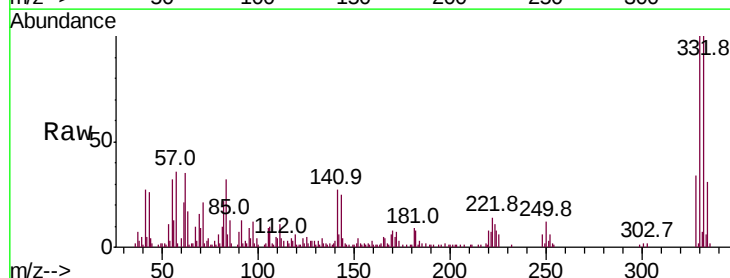
Tgt Ion:330 Resp: 48052

Ion Ratio Lower Upper

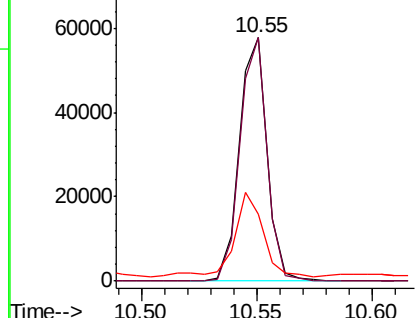
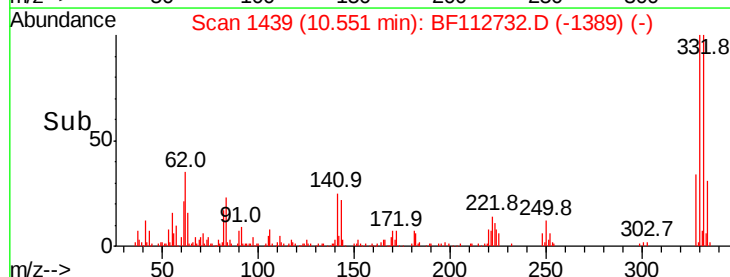
330 100

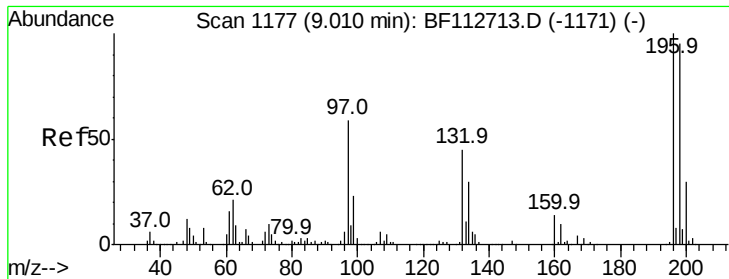
332 97.5 76.2 114.4

141 37.4 27.0 40.6



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

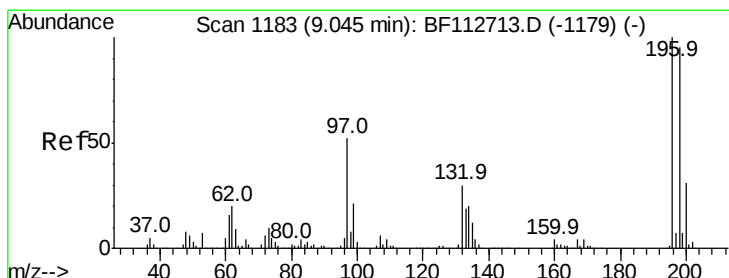
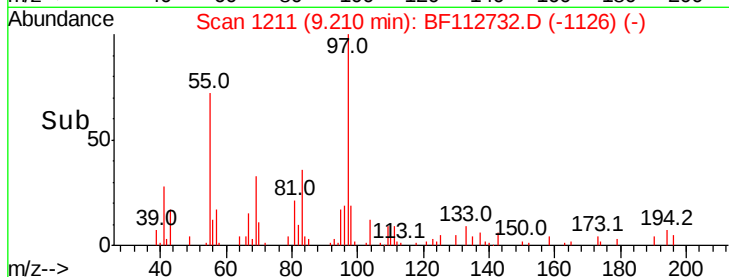
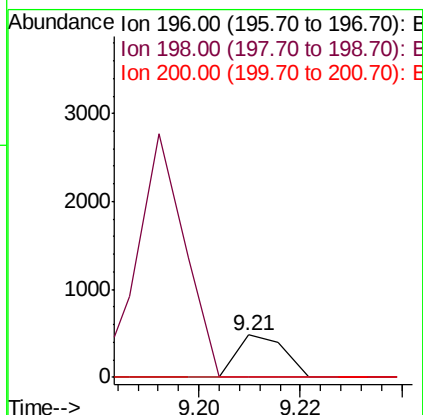
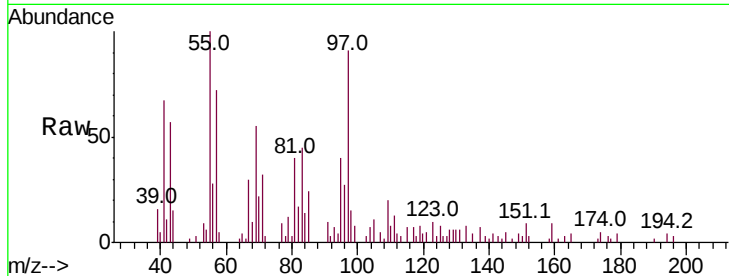




#43
 2,4,6-Trichlorophenol
 Concen: 0.064 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.20 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

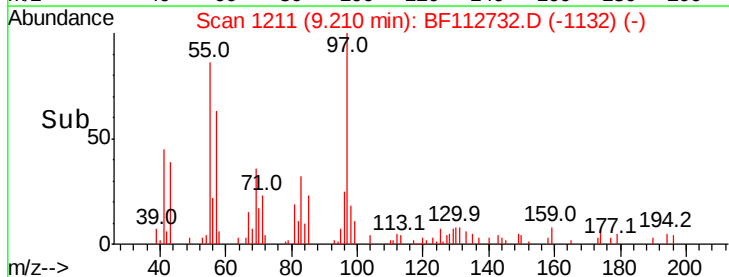
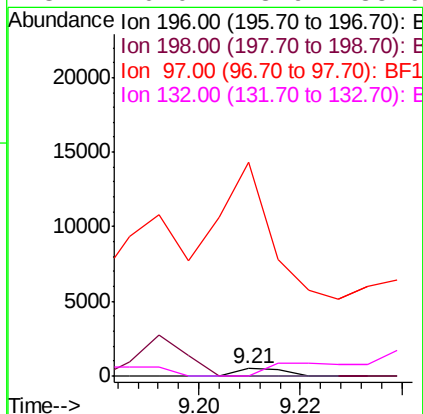
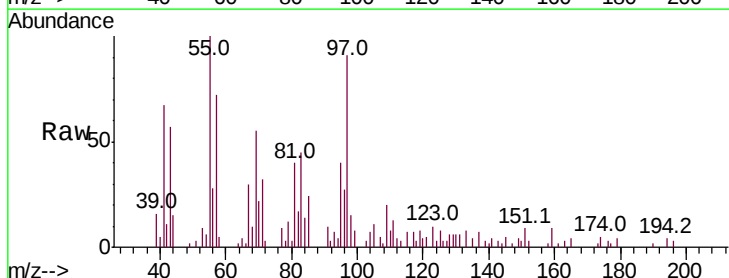
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

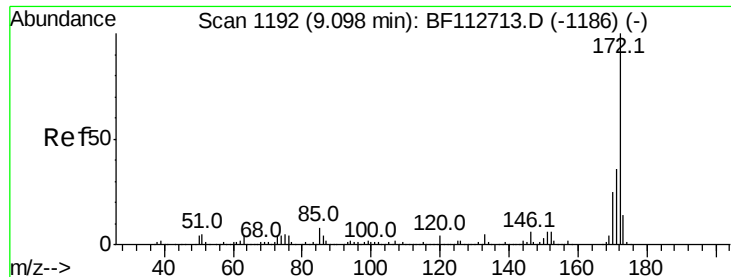
Tot Ion:196 Resp: 310
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.8#
 200 0.0 24.3 36.5#



#44
 2,4,5-Trichlorophenol
 Concen: 0.059 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.16 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion:196 Resp: 310
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.2#
 97 2988.1 41.5 62.3#
 132 0.0 23.9 35.9#

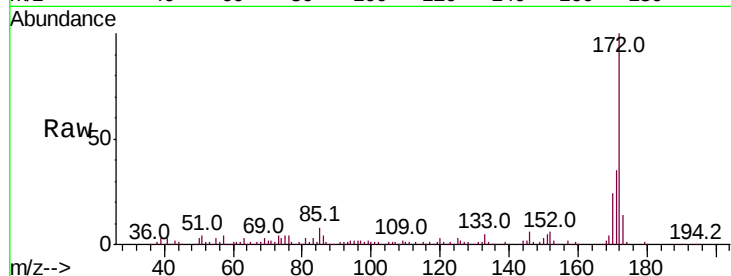




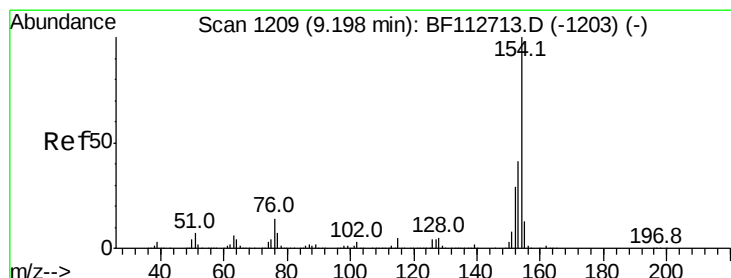
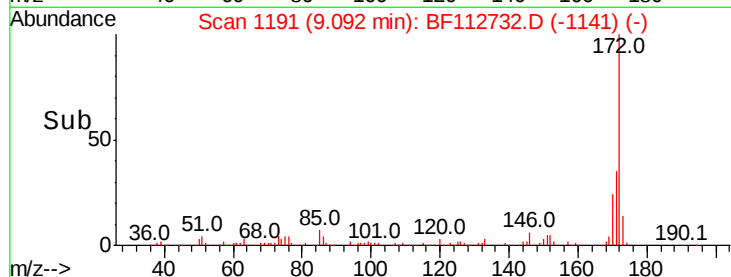
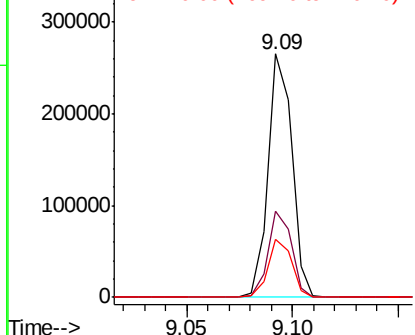
#45
2-Fluorobiphenyl
Concen: 1.868 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tot Ion:172 Resp: 209240
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.7 20.0 30.0

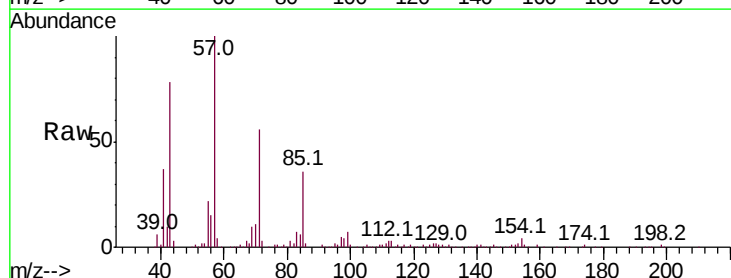


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

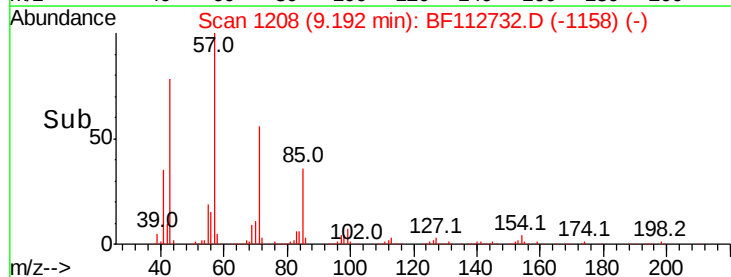
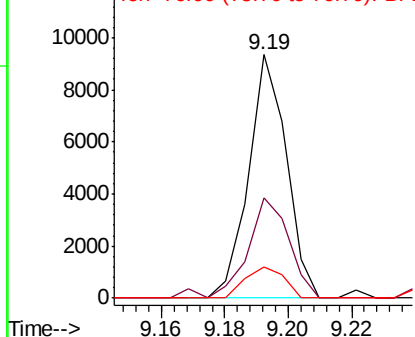


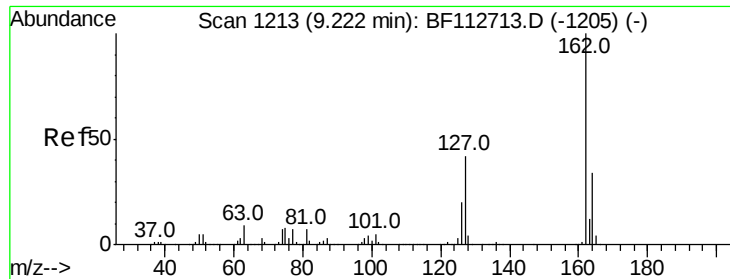
#46
1,1'-Biphenyl
Concen: 0.389 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:154 Resp: 7722
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 12.9 0.0 33.8



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: 0.016 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.04 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

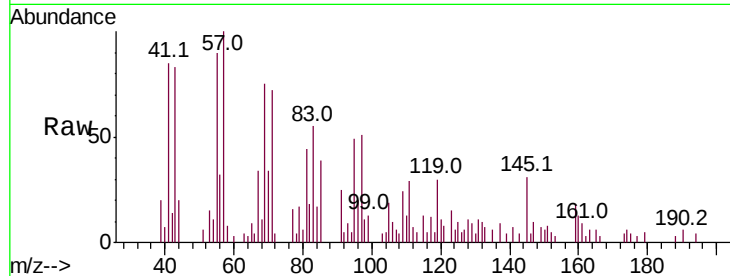
Tot Ion:162 Resp: 243

Ion Ratio Lower Upper

162 100

127 168.3 33.4 50.2#

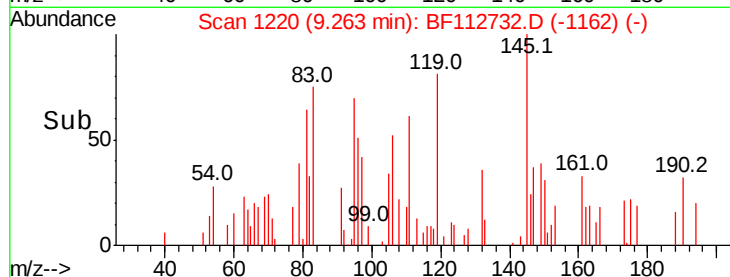
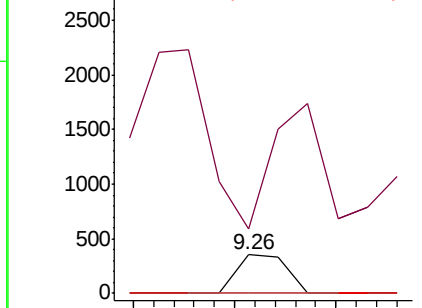
164 0.0 26.9 40.3#



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: 0.081 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

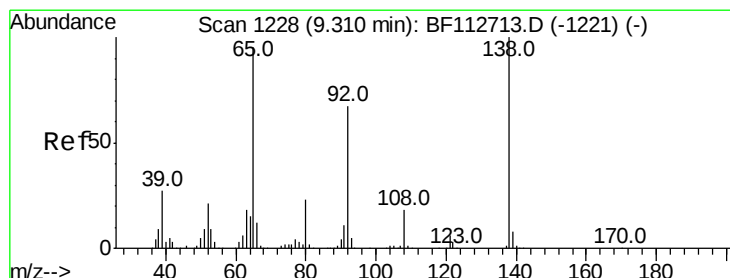
Tgt Ion: 65 Resp: 381

Ion Ratio Lower Upper

65 100

92 79.4 56.4 84.6

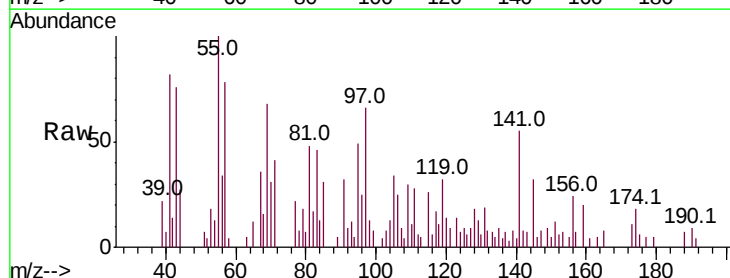
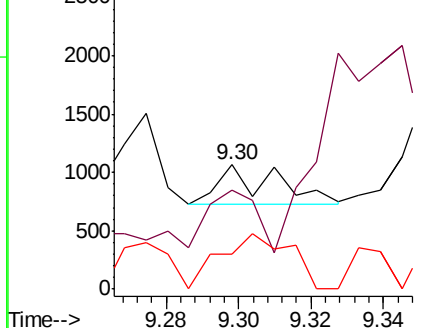
138 28.2 84.6 126.8#

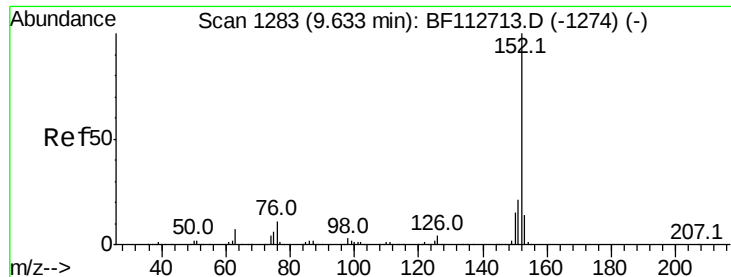


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.542 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

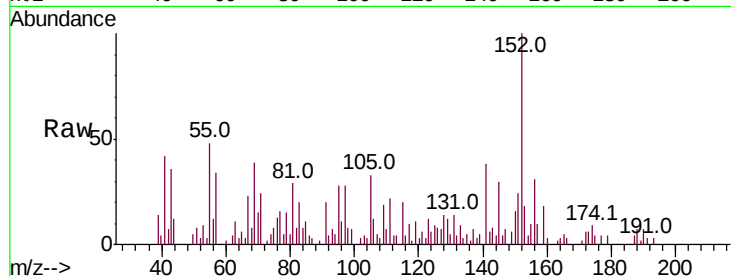
Tot Ion:152 Resp: 14265

Ion Ratio Lower Upper

152 100

151 23.9 16.9 25.3

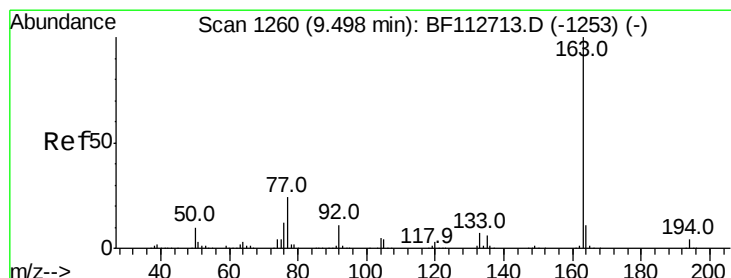
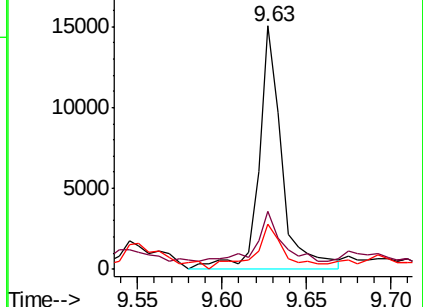
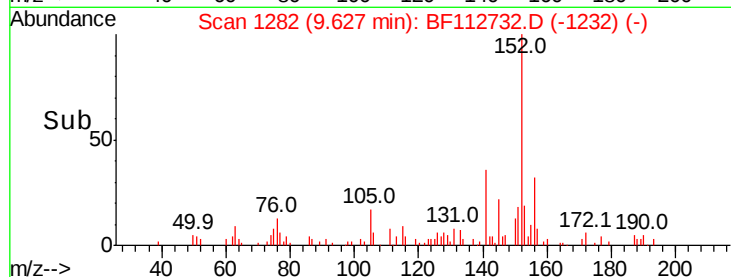
153 18.5 11.0 16.6#



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: 0.691 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

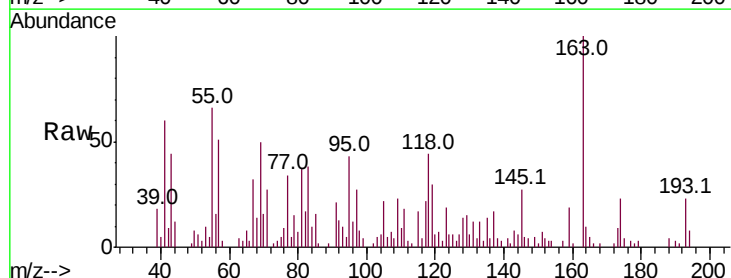
Tgt Ion:163 Resp: 12399

Ion Ratio Lower Upper

163 100

194 7.8 3.0 4.4#

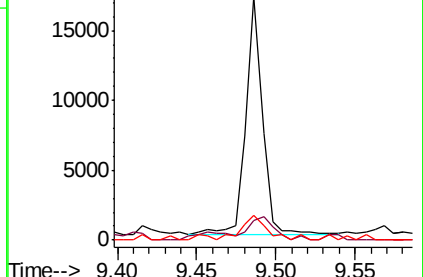
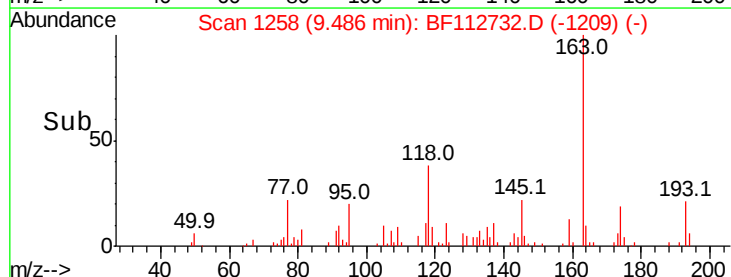
164 9.9 8.4 12.6

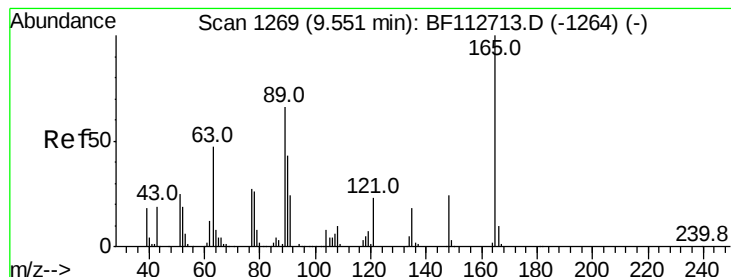


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.521 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

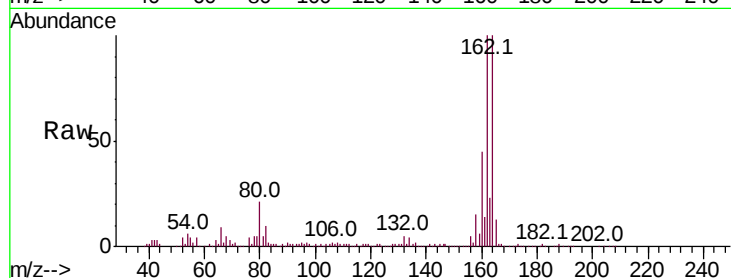
Tot Ion:165 Resp: 35557

Ion Ratio Lower Upper

165 100

63 2.0 54.1 81.1#

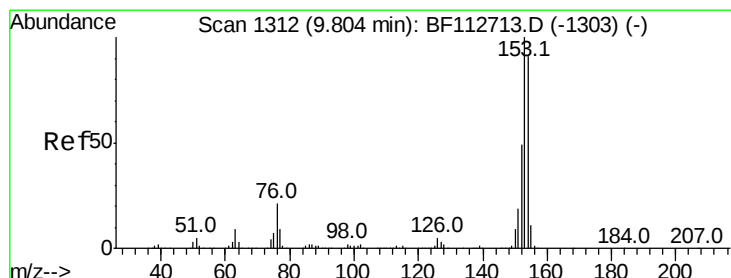
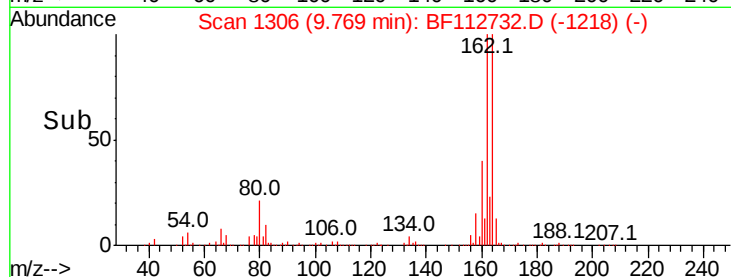
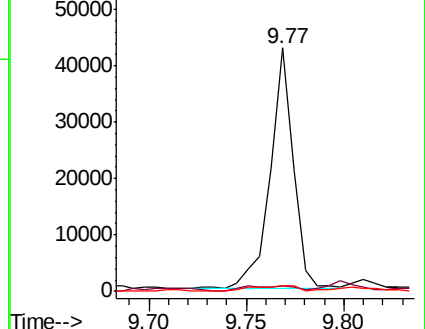
89 2.3 52.8 79.2#



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: 0.791 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

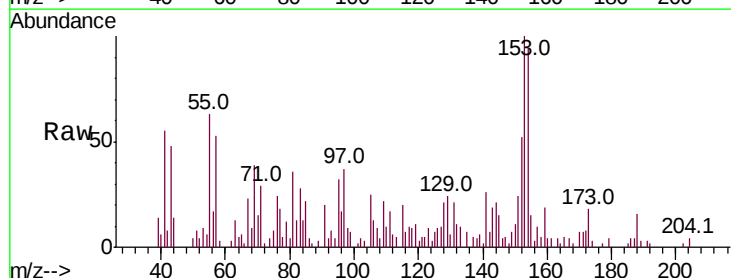
Tgt Ion:154 Resp: 12167

Ion Ratio Lower Upper

154 100

153 106.0 87.8 131.8

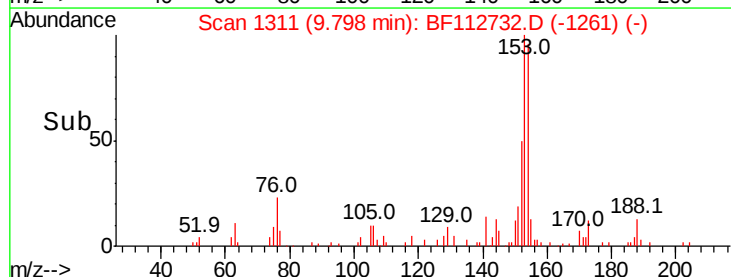
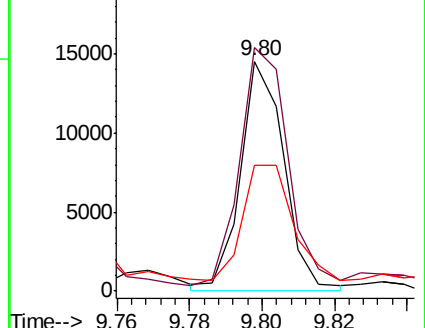
152 54.8 43.0 64.6

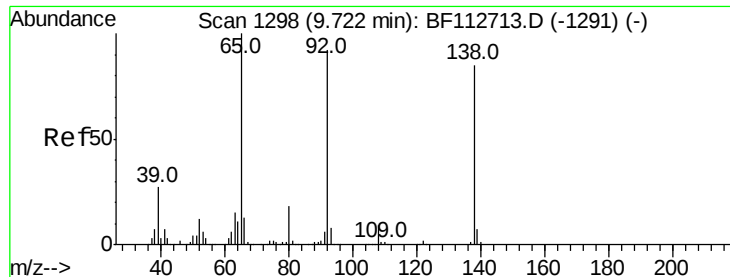


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.196 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

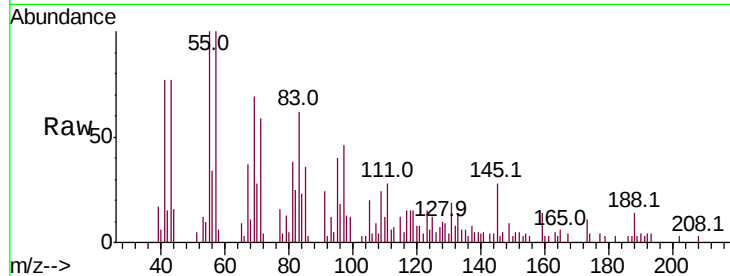
Tot Ion:138 Resp: 890

Ion Ratio Lower Upper

138 100

108 84.3 8.6 13.0#

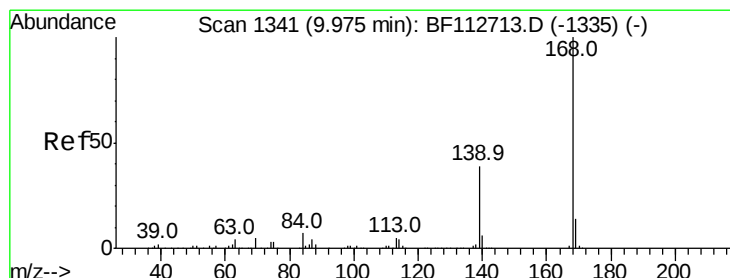
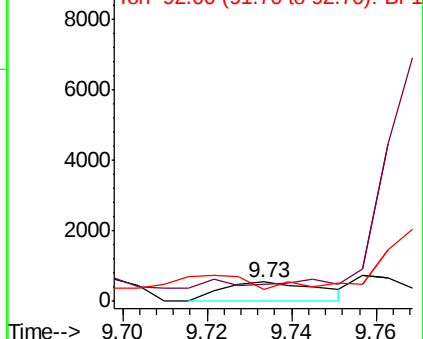
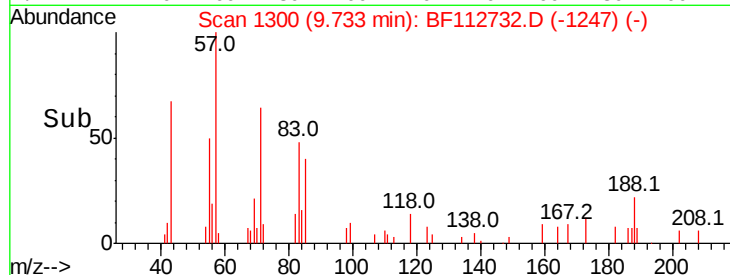
92 59.7 86.6 129.8#



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



#55

Dibenzofuran

Concen: 0.612 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

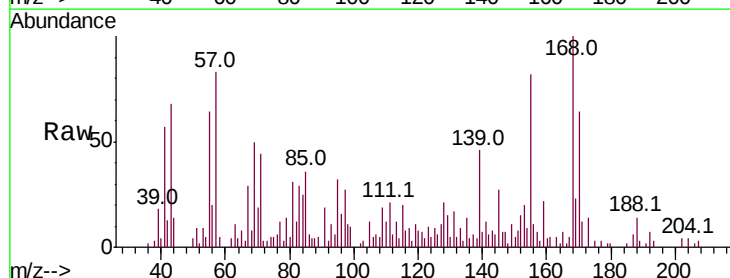
Tgt Ion:168 Resp: 13681

Ion Ratio Lower Upper

168 100

139 46.0 31.3 46.9

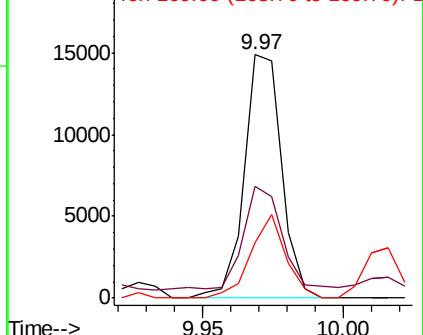
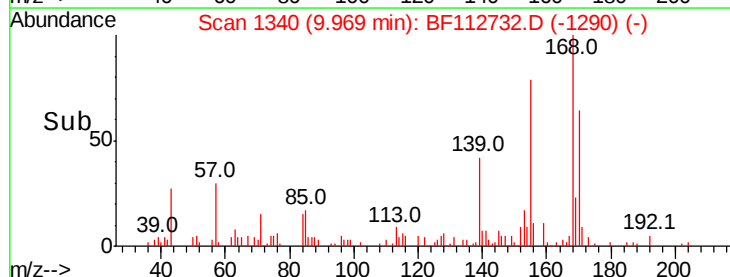
169 22.7 11.3 16.9#

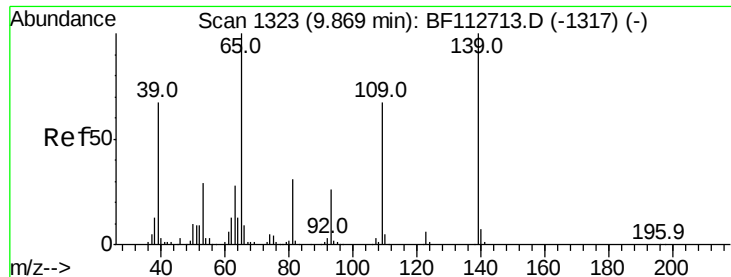


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

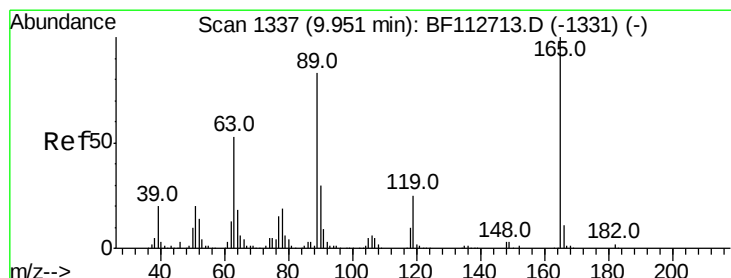
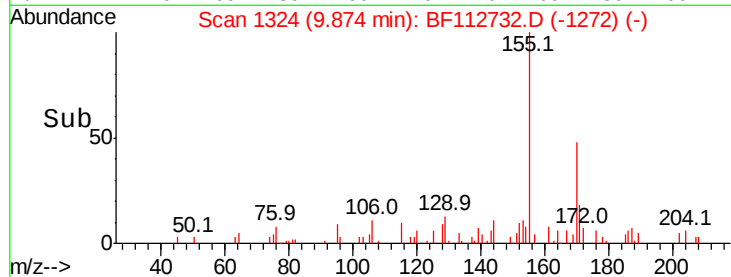
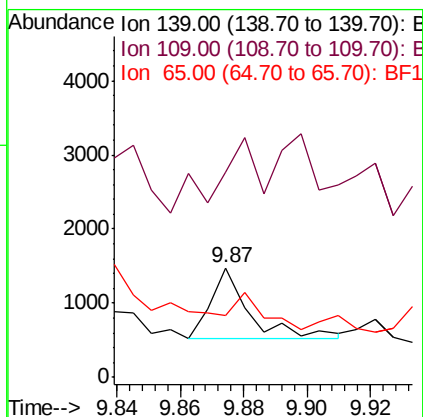
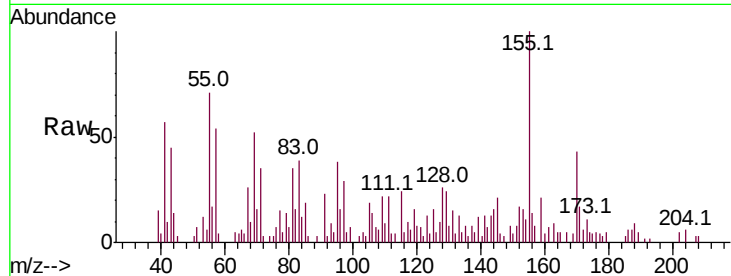




#56
4-Nitrophenol
Concen: 0.218 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

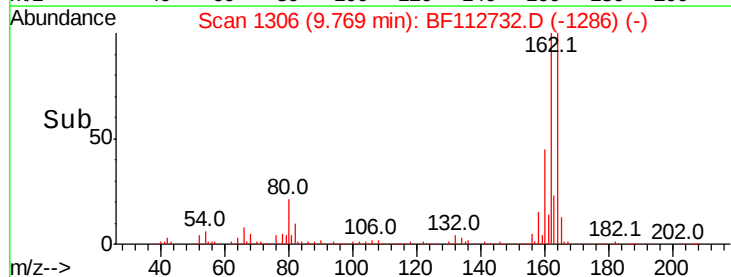
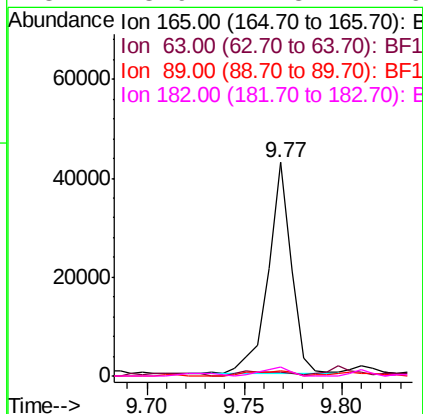
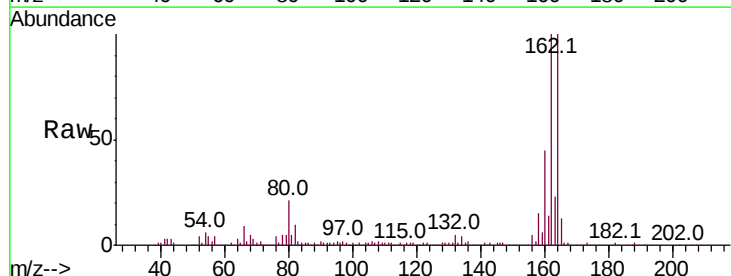
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

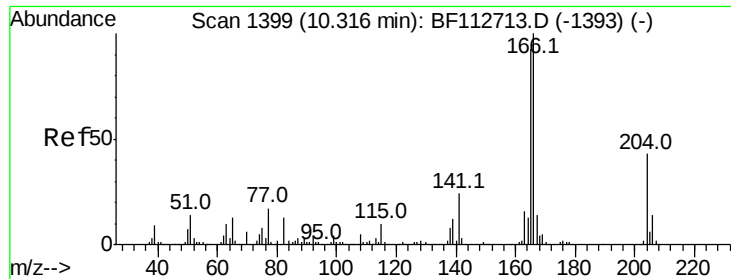
Tot Ion:139 Resp: 808
Ion Ratio Lower Upper
139 100
109 187.5 46.8 86.8#
65 55.8 80.7 120.7#



#57
2,4-Dinitrotoluene
Concen: 7.660 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:165 Resp: 35557
Ion Ratio Lower Upper
165 100
63 2.0 42.2 63.2#
89 2.3 66.2 99.4#
182 3.9 1.8 2.6#





#58

Fluorene

Concen: 1.463 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

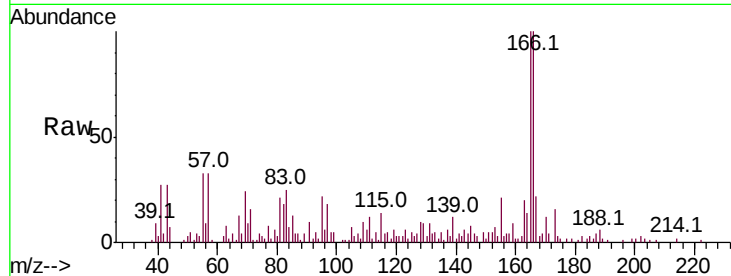
Tot Ion:166 Resp: 23203

Ion Ratio Lower Upper

166 100

165 100.1 74.7 112.1

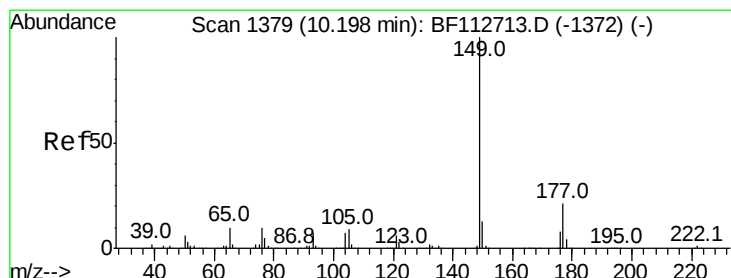
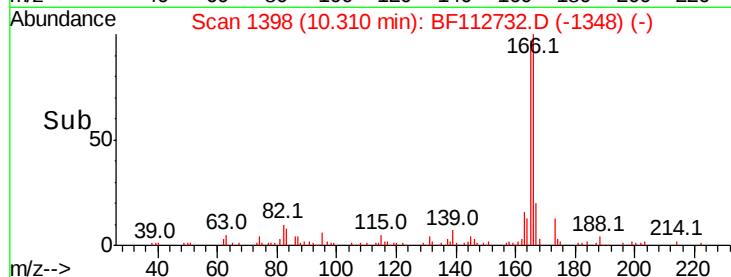
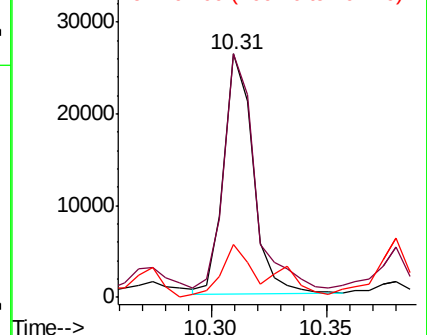
167 21.9 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.083 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

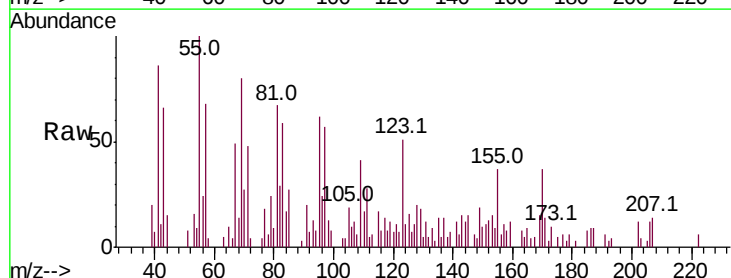
Tgt Ion:149 Resp: 1569

Ion Ratio Lower Upper

149 100

177 33.6 17.0 25.6#

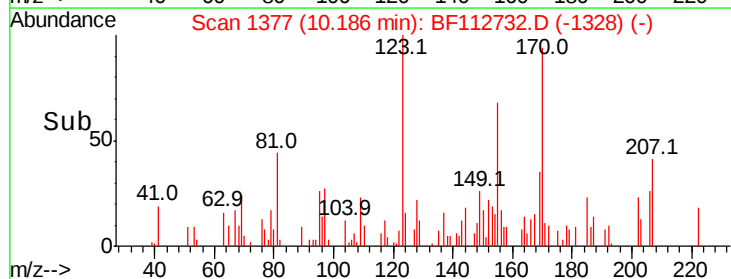
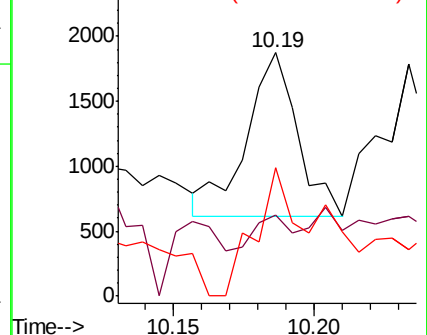
150 52.7 10.0 15.0#

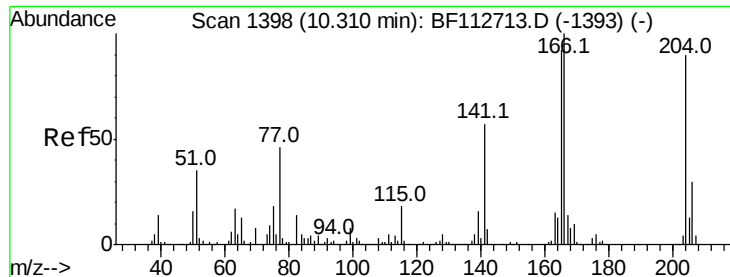


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

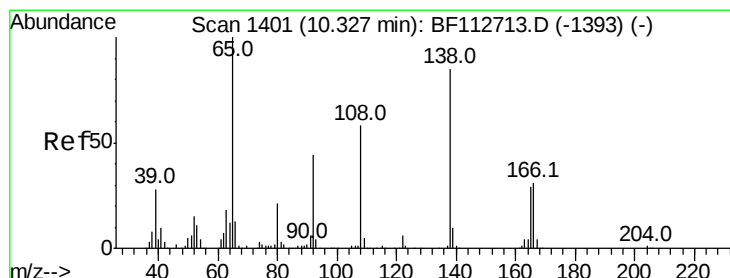
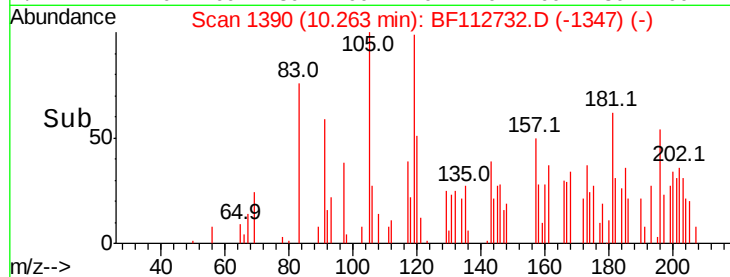
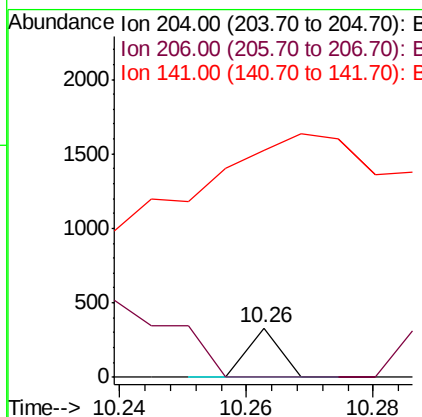
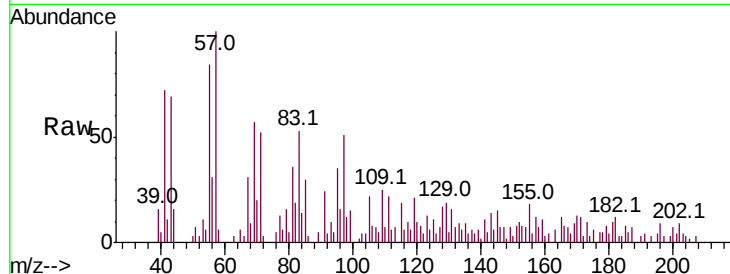




#61
 4-Chlorophenyl-phenylether
 Concen: 0.016 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.05 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

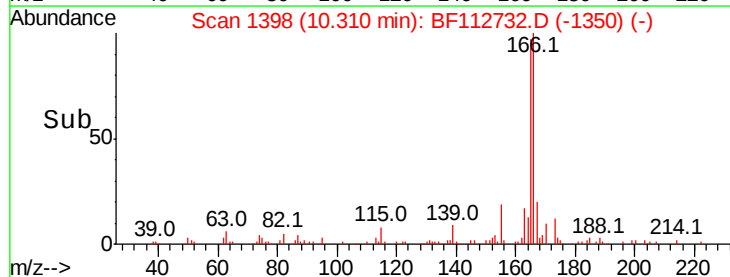
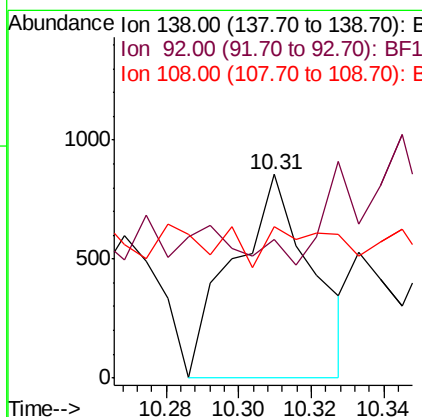
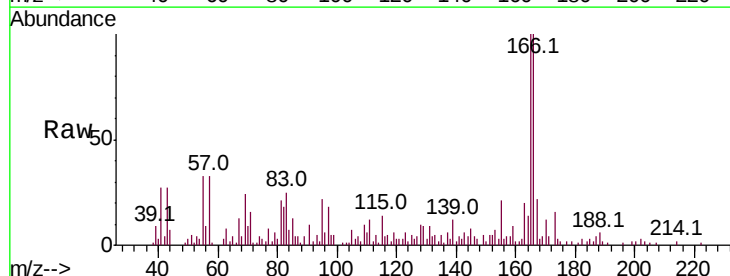
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

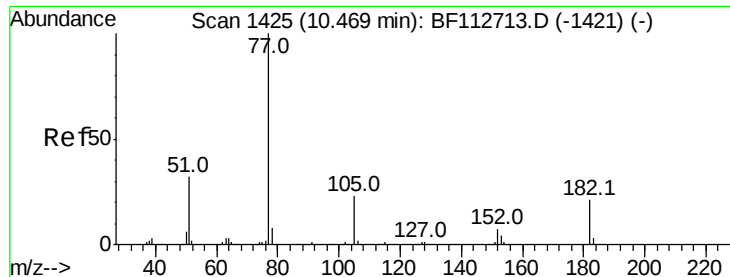
Tot Ion:	204	Resp:	117
Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	458.0	50.8	76.2#



#62
 4-Nitroaniline
 Concen: 0.303 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion:	138	Resp:	1276
Ion	Ratio	Lower	Upper
138	100		
92	67.8	31.3	71.3
108	74.5	48.1	88.1

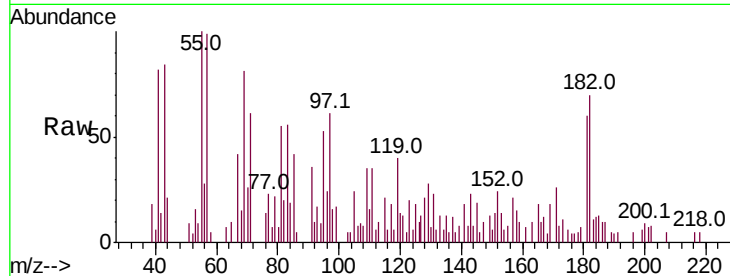




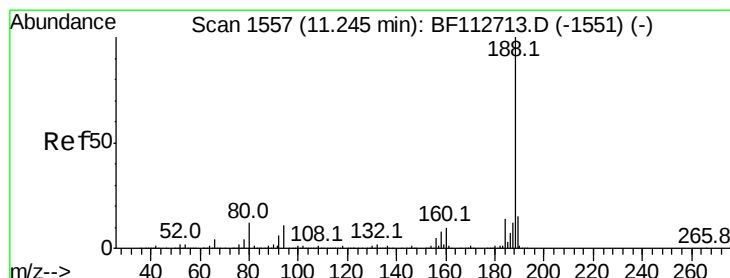
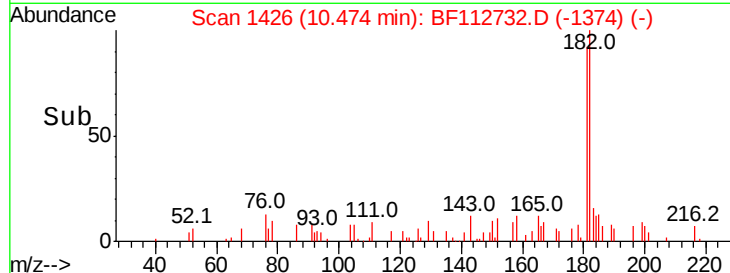
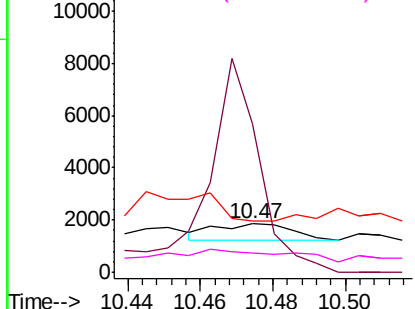
#63
Azobenzene
Concen: 0.048 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tot Ion: 77 Resp: 924
Ion Ratio Lower Upper
77 100
182 307.4 1.4 41.4#
105 105.7 2.6 42.6#
51 40.7 12.0 52.0

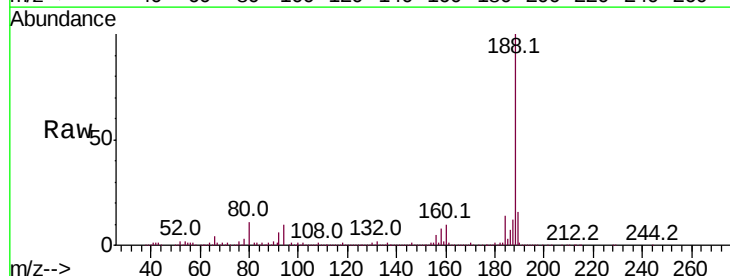


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

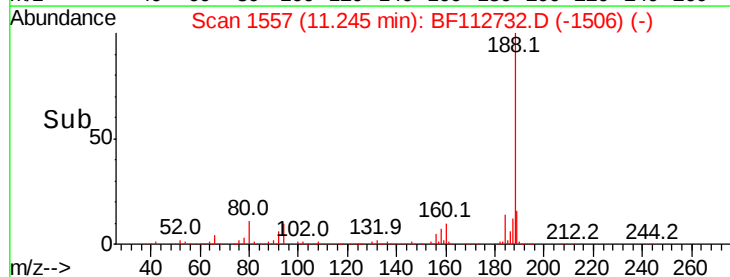
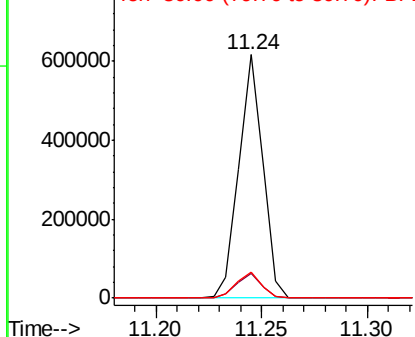


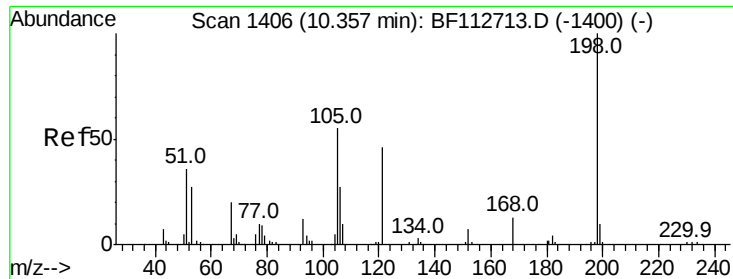
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 188 Resp: 481106
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

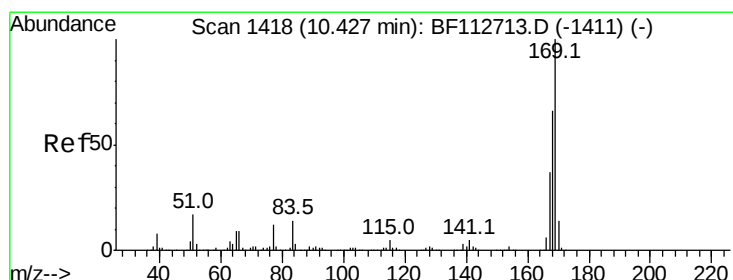
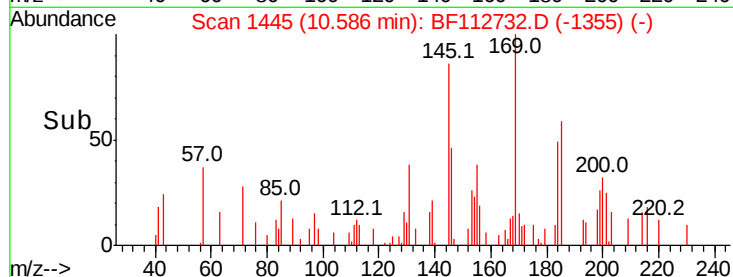
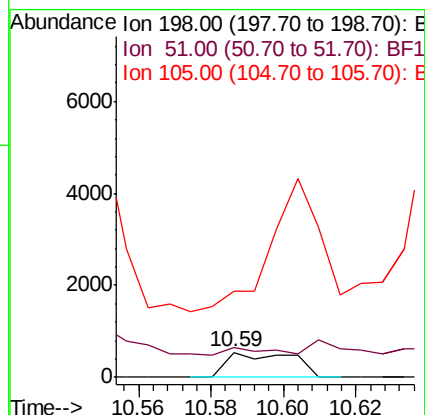
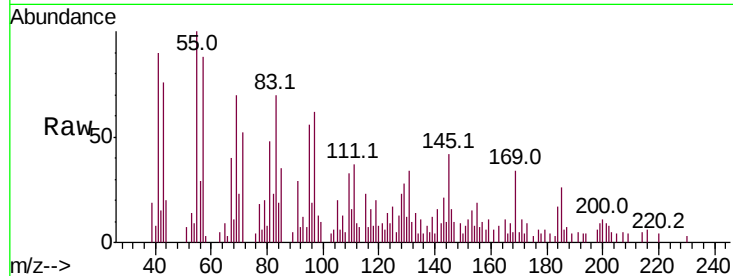




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.917 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.23 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

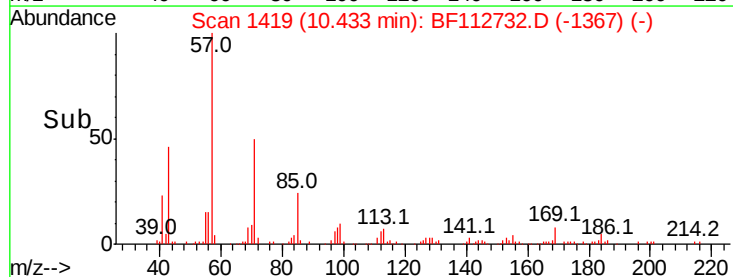
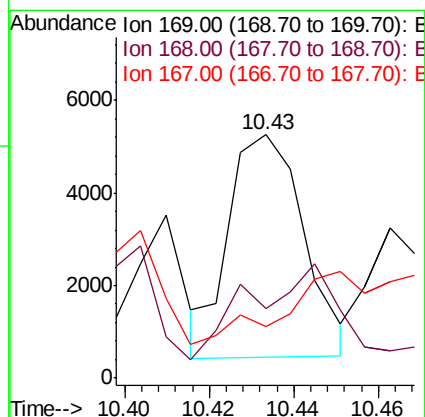
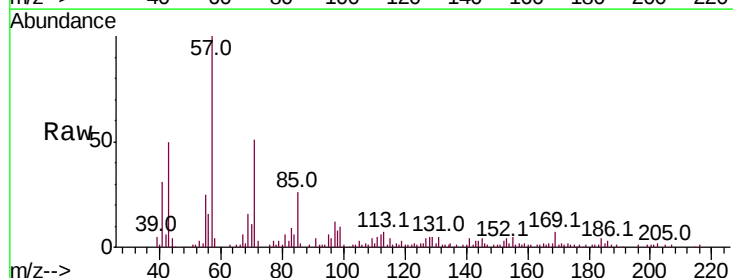
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

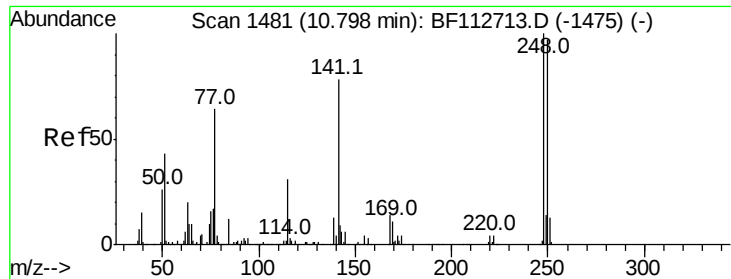
Tot Ion:198 Resp: 665
 Ion Ratio Lower Upper
 198 100
 51 123.0 43.8 83.8#
 105 348.1 36.5 76.5#



#66
 n-Nitrosodiphenylamine
 Concen: 0.386 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion:169 Resp: 5961
 Ion Ratio Lower Upper
 169 100
 168 28.4 53.0 79.6#
 167 21.2 29.3 43.9#

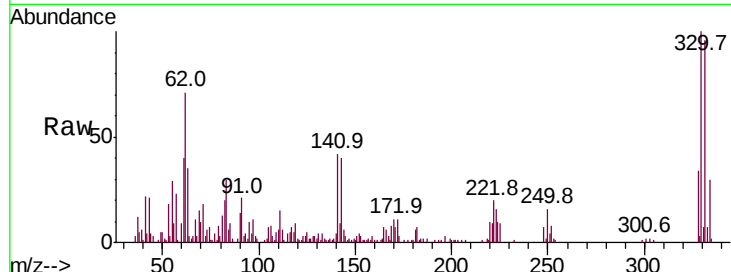




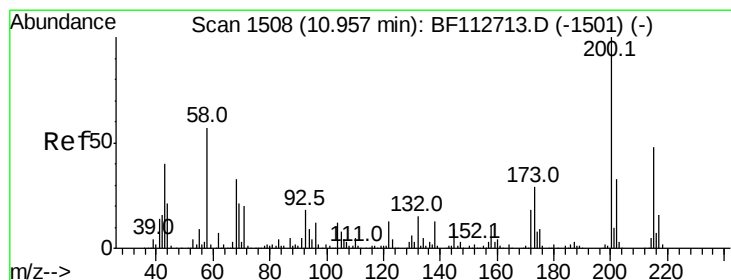
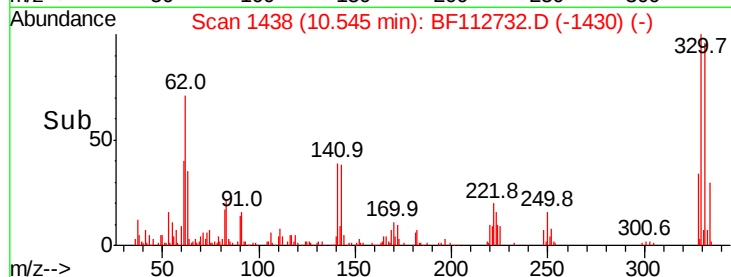
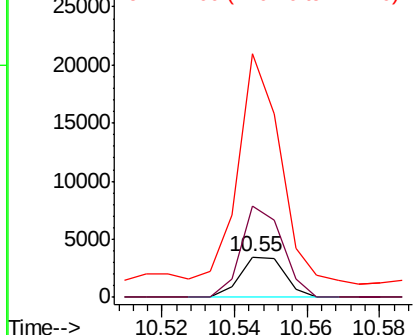
#67
4-Bromophenyl-phenylether
Concen: 0.581 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tot Ion:248 Resp: 2946
Ion Ratio Lower Upper
248 100
250 228.6 77.5 116.3#
141 607.7 62.4 93.6#

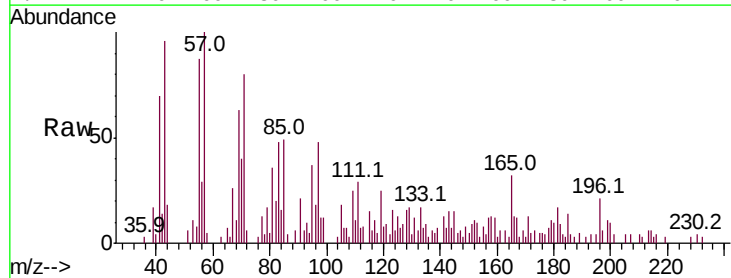


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

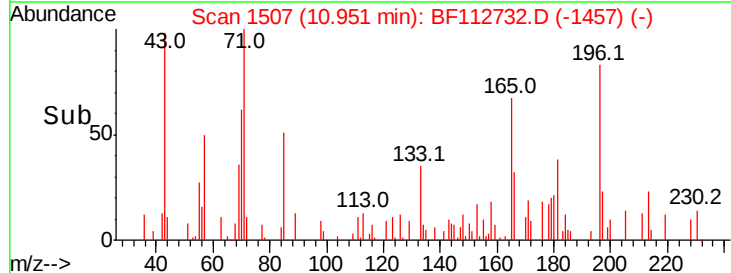
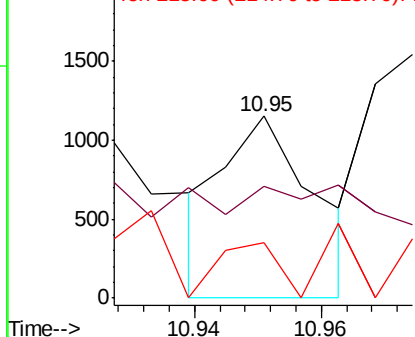


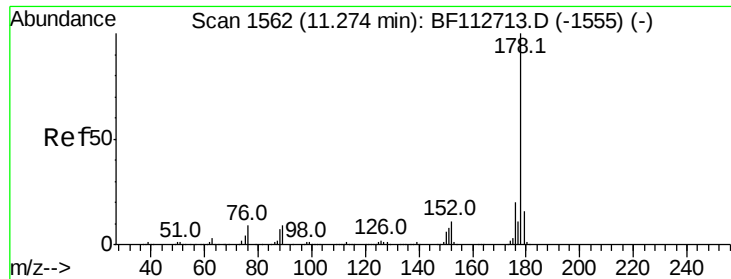
#69
Atrazine
Concen: 0.244 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:200 Resp: 1151
Ion Ratio Lower Upper
200 100
173 61.3 9.1 49.1#
215 30.4 28.2 68.2



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: 6.720 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

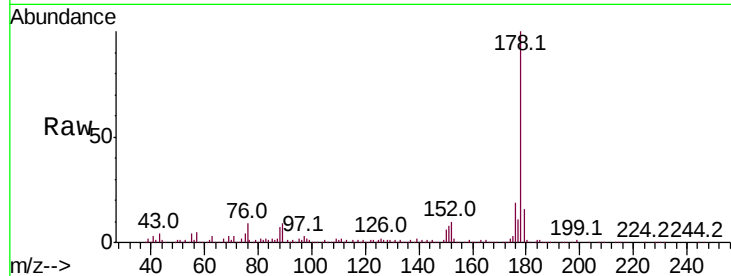
Tot Ion:178 Resp: 160847

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

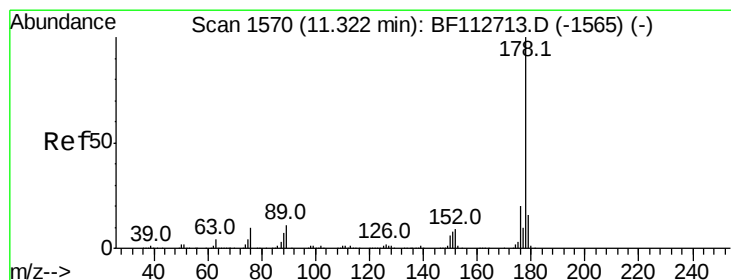
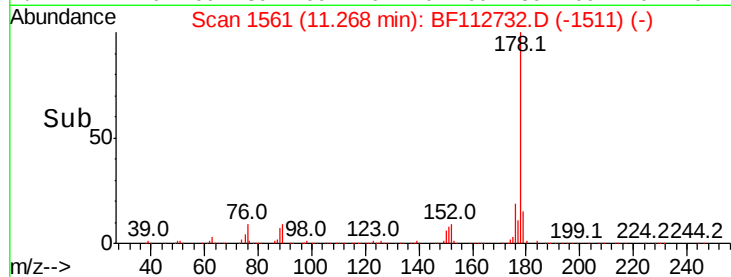
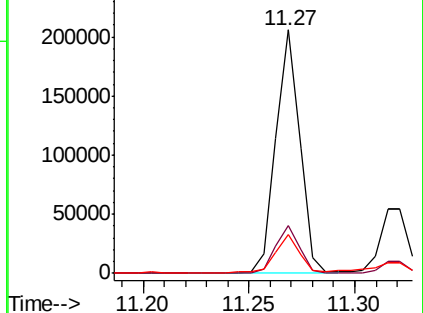
179 15.8 12.7 19.1



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: 1.957 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

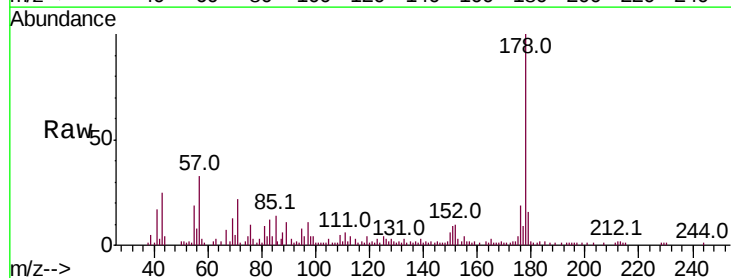
Tgt Ion:178 Resp: 49031

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

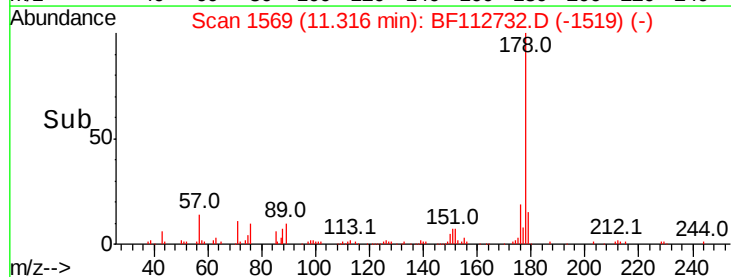
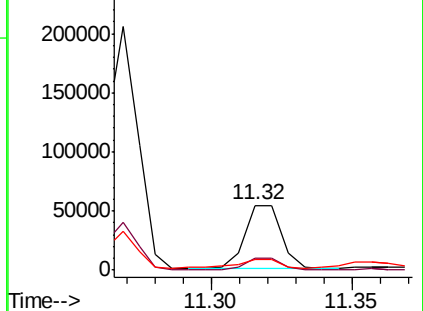
179 16.5 13.0 19.6

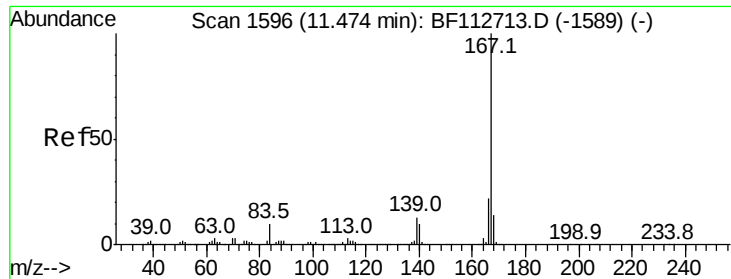


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.469 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

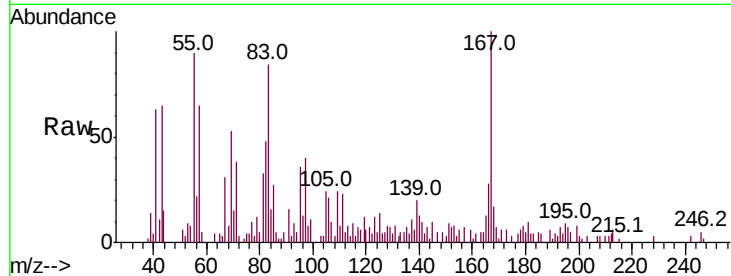
Tot Ion:167 Resp: 11473

Ion Ratio Lower Upper

167 100

166 28.1 17.5 26.3#

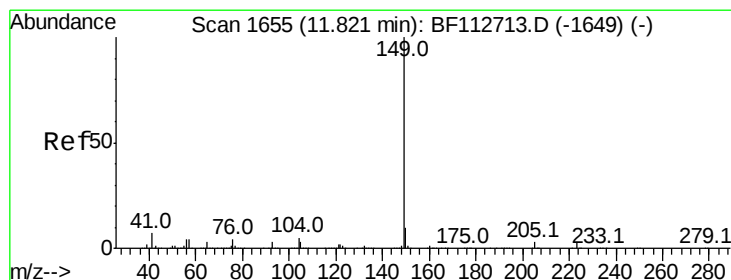
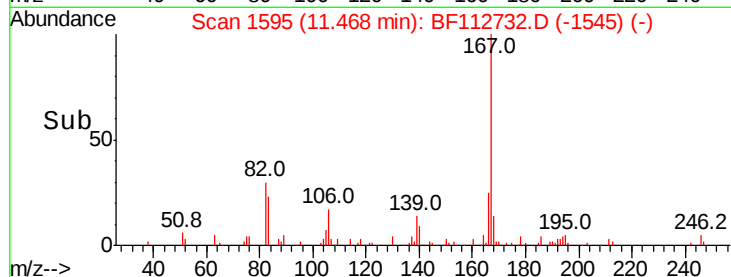
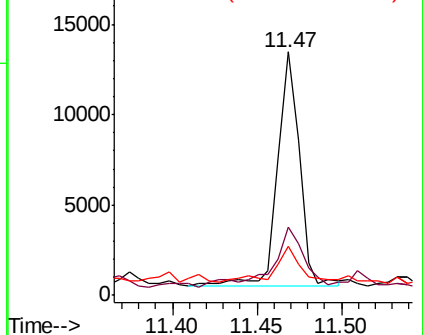
139 20.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.045 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

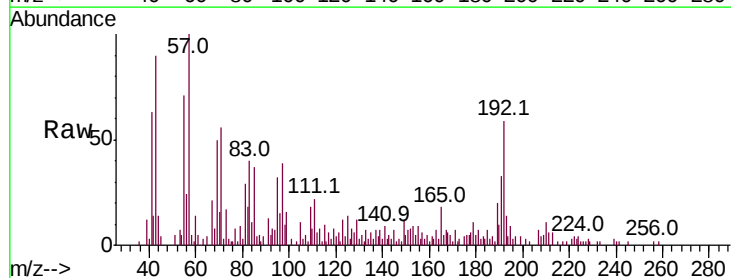
Tgt Ion:149 Resp: 1311

Ion Ratio Lower Upper

149 100

150 46.3 7.6 11.4#

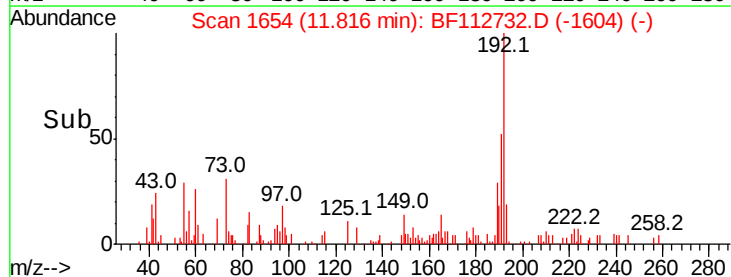
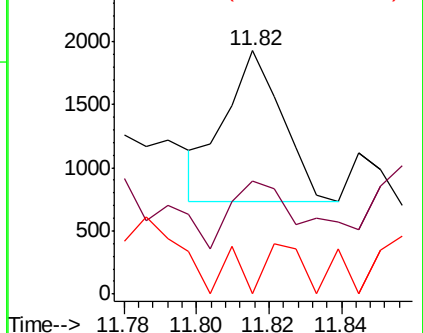
104 0.0 3.7 5.5#

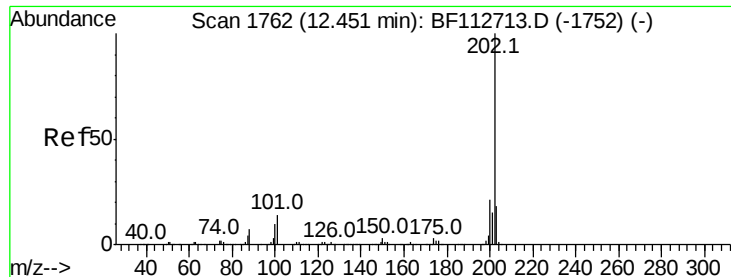


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.012 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

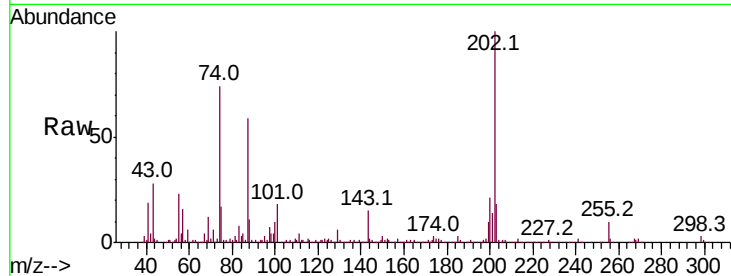
Tot Ion:202 Resp: 256767

Ion Ratio Lower Upper

202 100

101 17.6 0.0 33.8

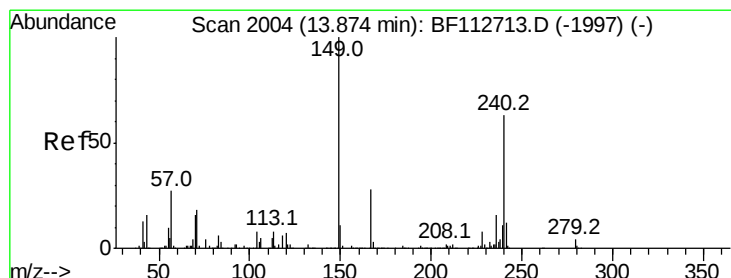
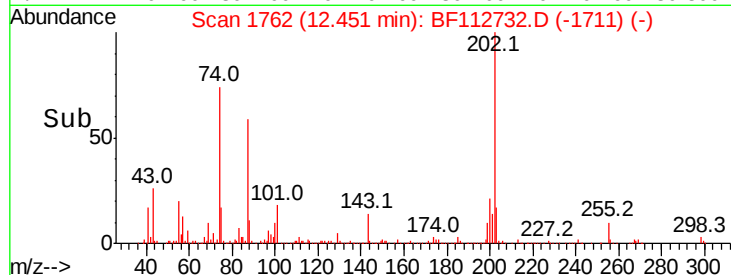
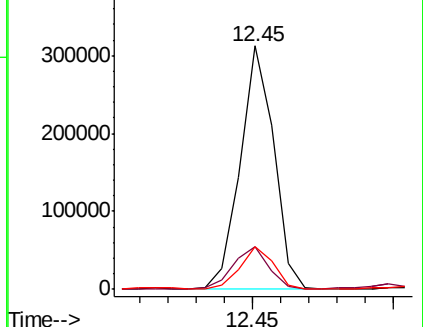
203 17.5 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

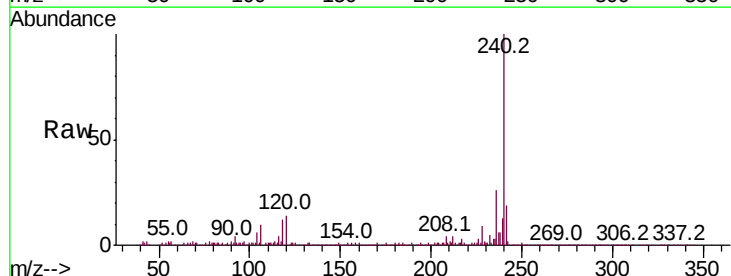
Tgt Ion:240 Resp: 473609

Ion Ratio Lower Upper

240 100

120 14.5 8.9 13.3#

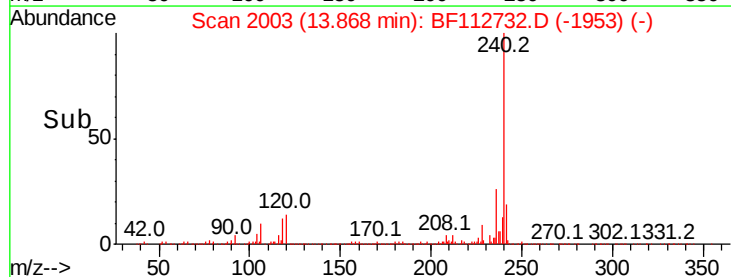
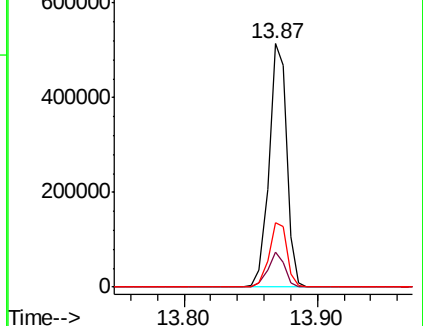
236 26.4 20.7 31.1

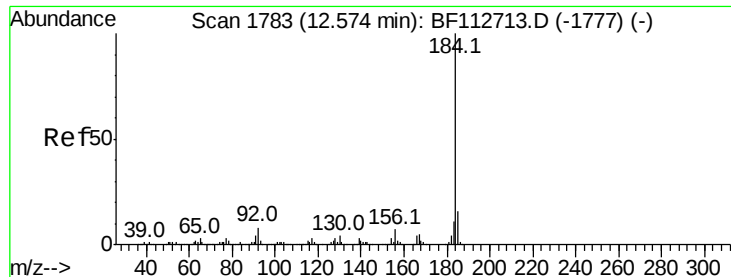


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.020 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.05 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

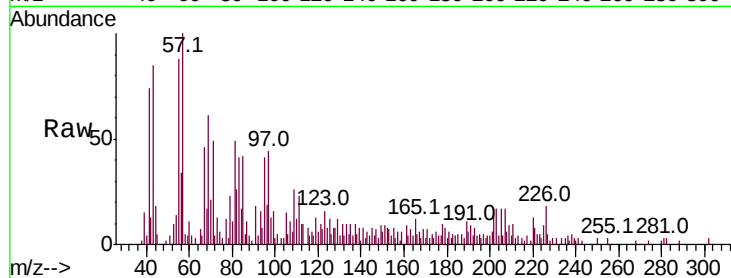
Tot Ion:184 Resp: 484

Ion Ratio Lower Upper

184 100

185 120.0 12.6 18.8#

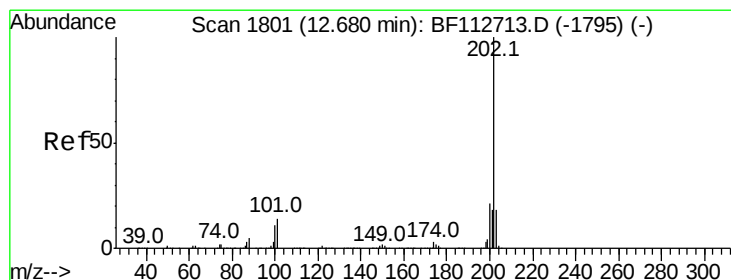
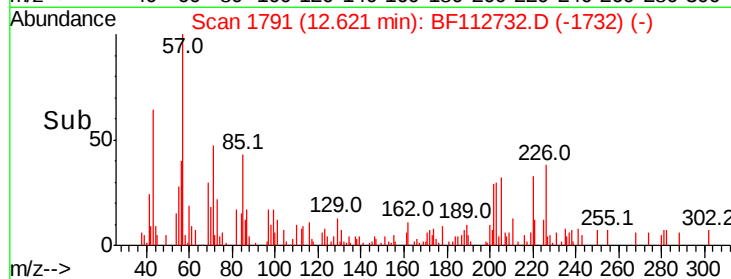
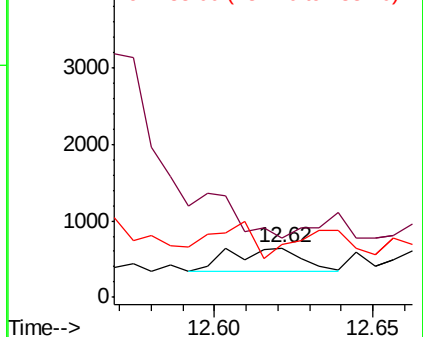
183 107.0 8.6 12.8#



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: 6.367 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

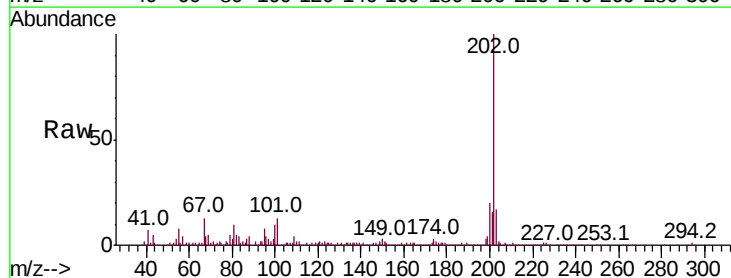
Tgt Ion:202 Resp: 254222

Ion Ratio Lower Upper

202 100

200 20.0 17.0 25.4

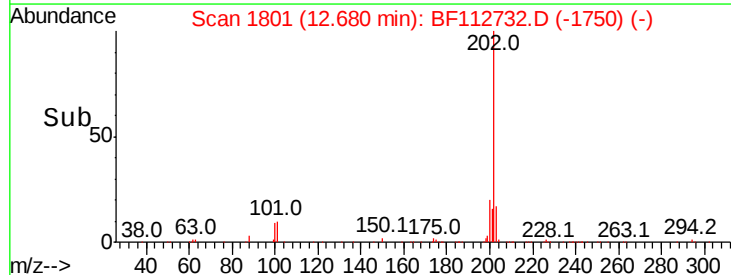
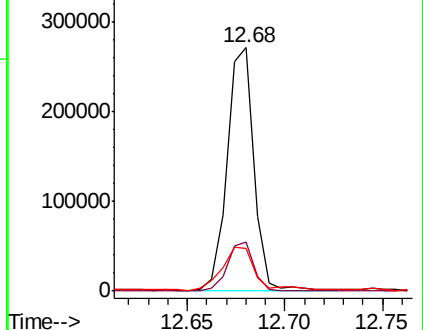
203 17.4 14.4 21.6

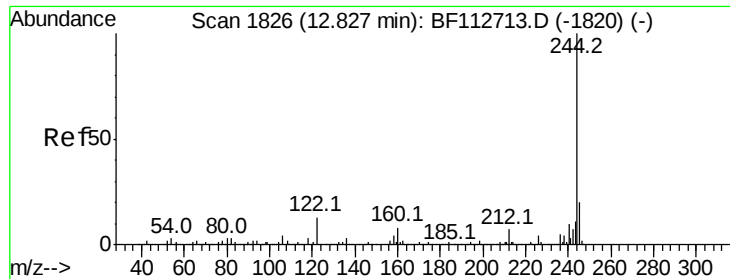


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

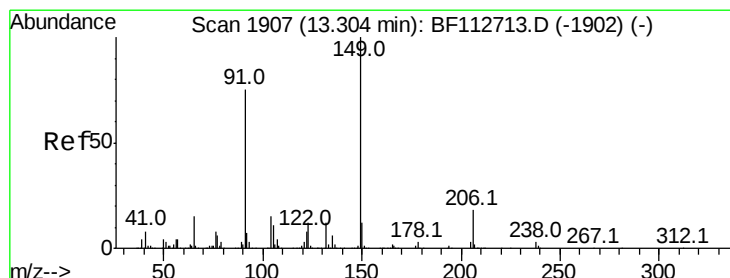
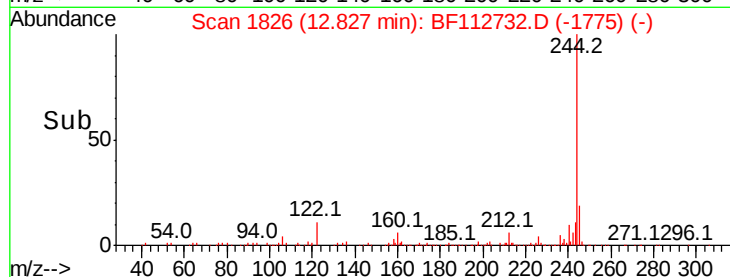
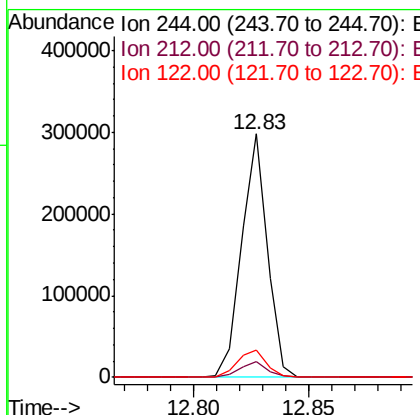
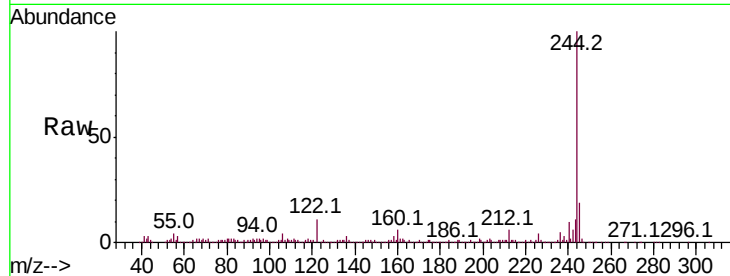




#79
 Terphenyl-d14
 Concen: 9.503 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

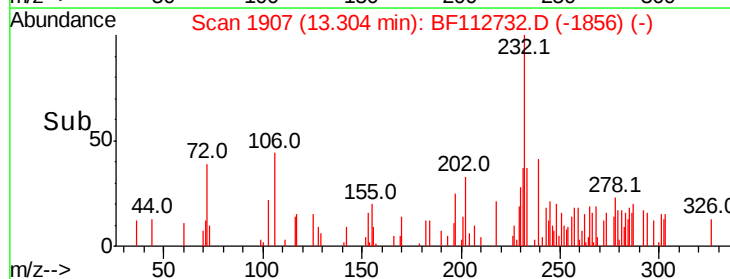
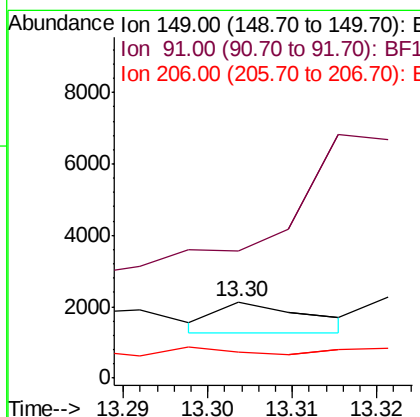
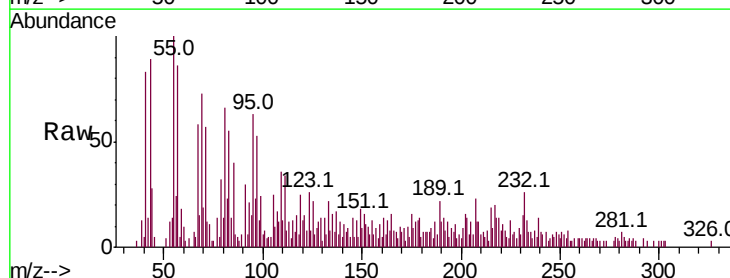
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-A

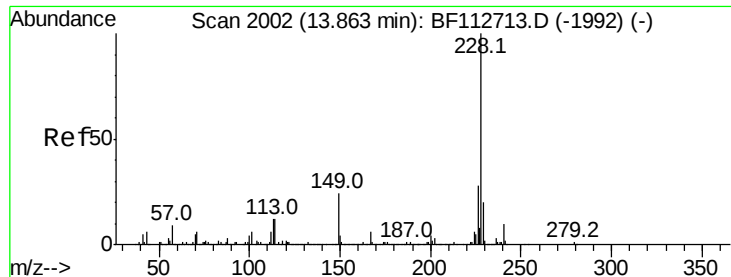
Tot Ion:244	Resp:	232176
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.6 8.4
122	11.4	10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 0.038 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF112732.D
 Acq: 27 Feb 2019 21:23

Tgt Ion:149	Resp:	661
Ion Ratio	Lower	Upper
149	100	
91	166.6	59.9 89.9#
206	34.1	14.7 22.1#





#81

Benzo(a)anthracene

Concen: 3.562 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

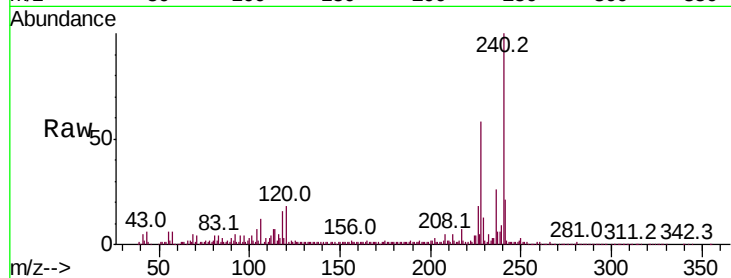
Tot Ion:228 Resp: 116935

Ion Ratio Lower Upper

228 100

226 30.9 22.2 33.4

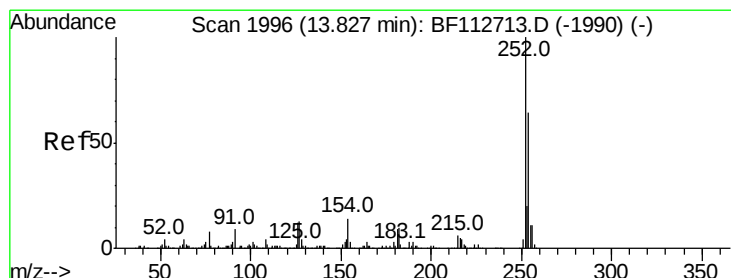
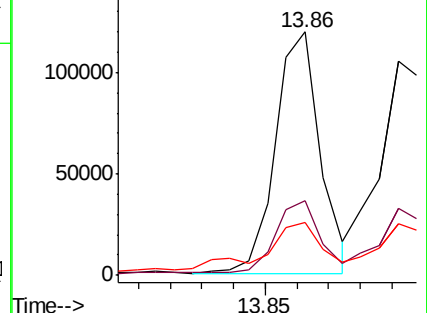
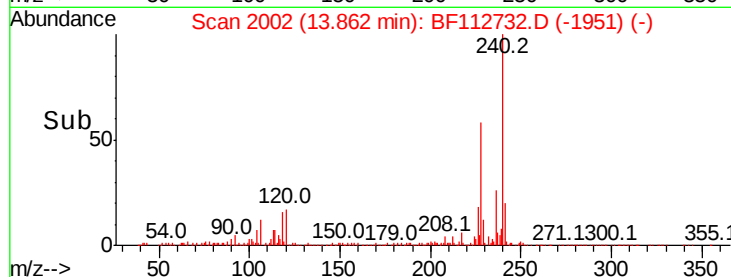
229 21.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.022 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

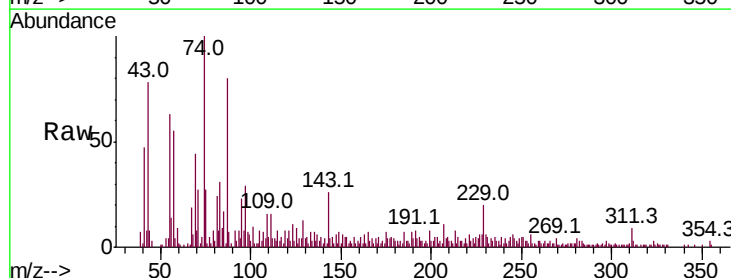
Tgt Ion:252 Resp: 270

Ion Ratio Lower Upper

252 100

254 54.8 51.1 76.7

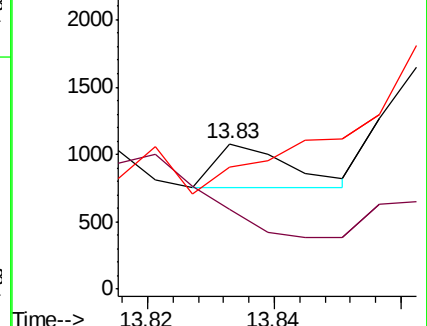
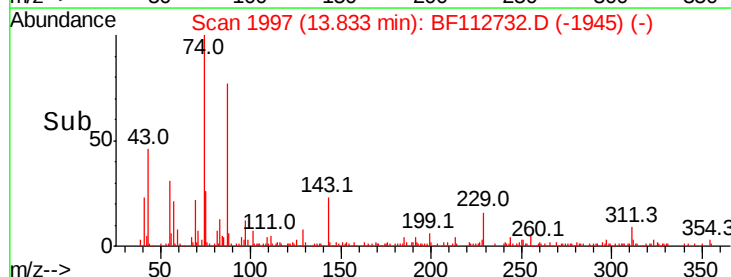
126 83.5 9.9 14.9#

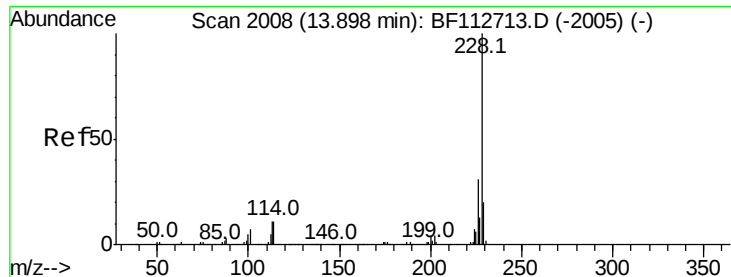


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 3.354 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

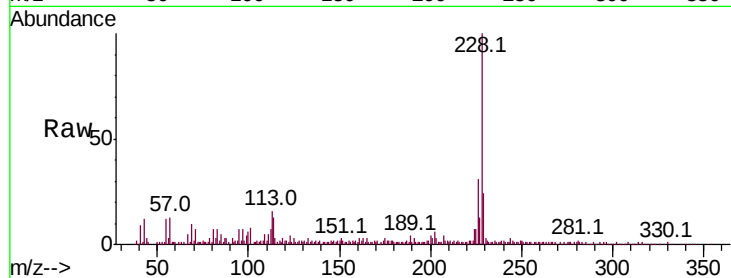
Tot Ion:228 Resp: 107846

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

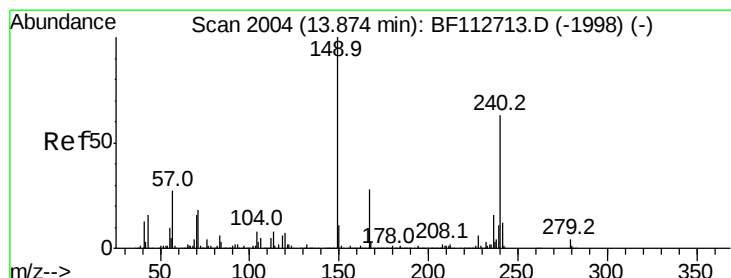
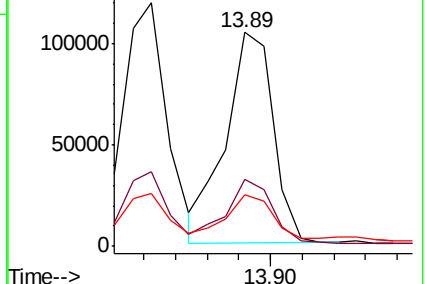
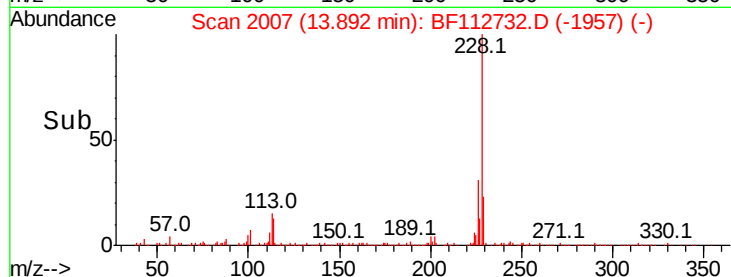
229 24.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

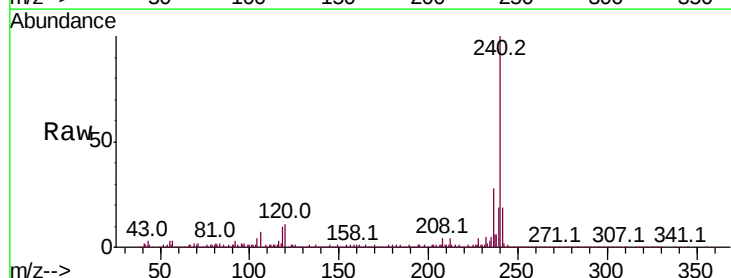
Tgt Ion:149 Resp: 3368

Ion Ratio Lower Upper

149 100

167 39.4 22.4 33.6#

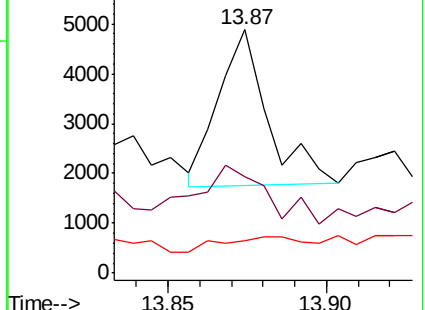
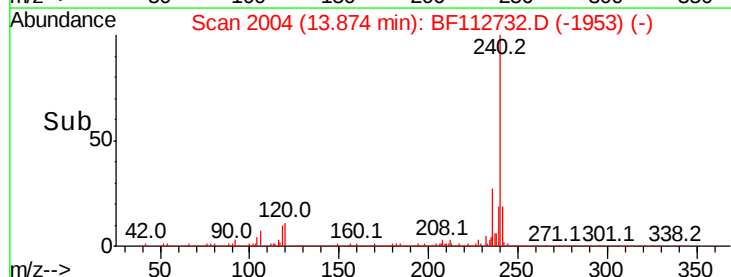
279 13.4 3.3 4.9#

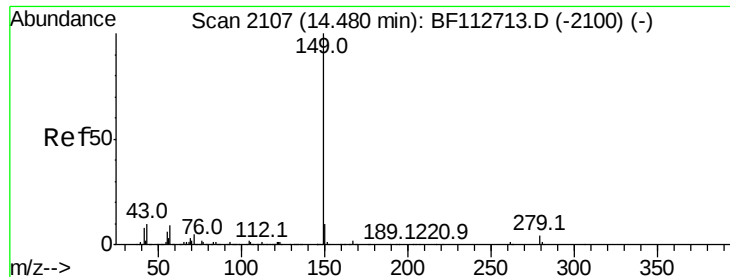


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.043 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-A

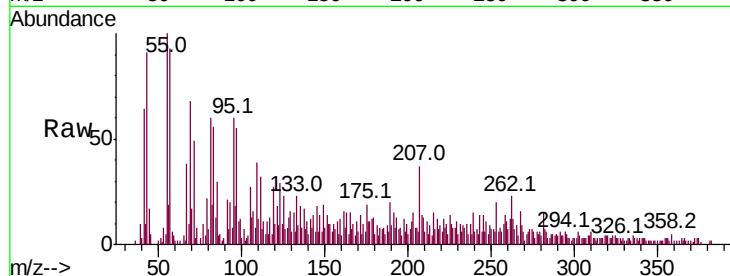
Tot Ion:149 Resp: 1544

Ion Ratio Lower Upper

149 100

167 10.7 1.2 1.8#

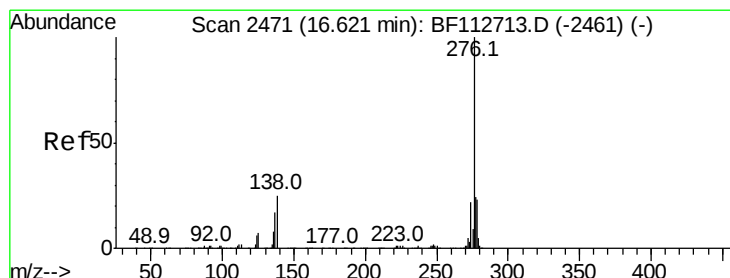
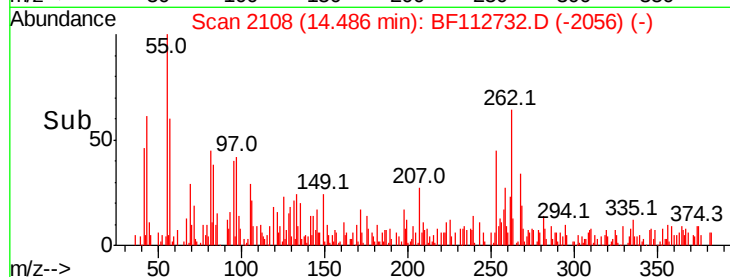
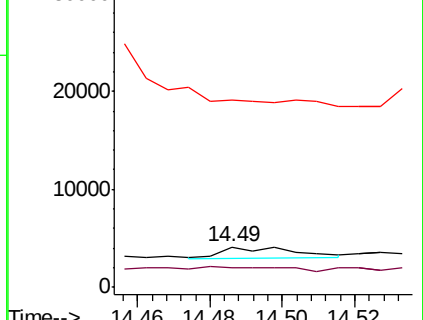
43 0.0 9.0 13.4#



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: 1.375 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF112732.D

Acq: 27 Feb 2019 21:23

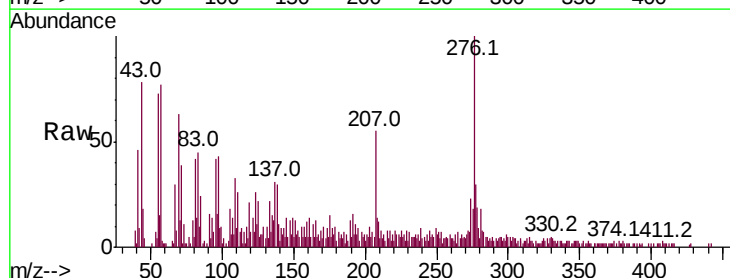
Tgt Ion:276 Resp: 37687

Ion Ratio Lower Upper

276 100

138 23.5 23.2 34.8

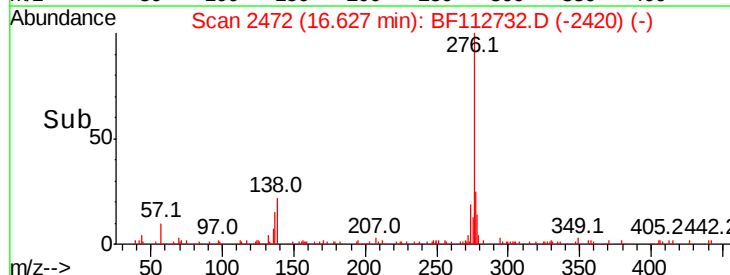
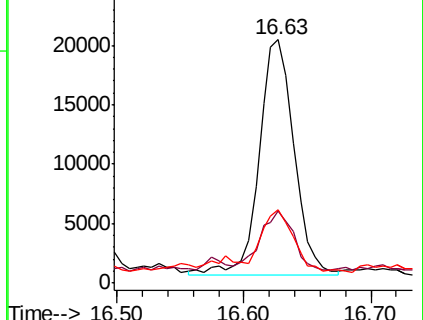
277 24.5 19.9 29.9

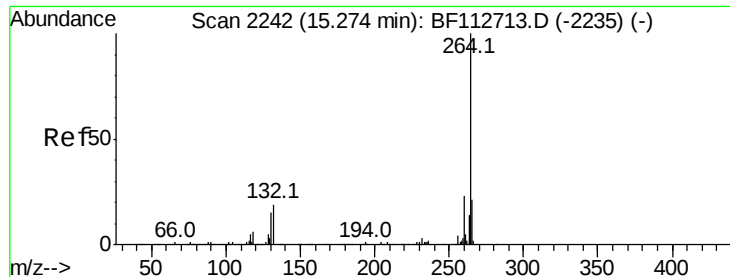


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

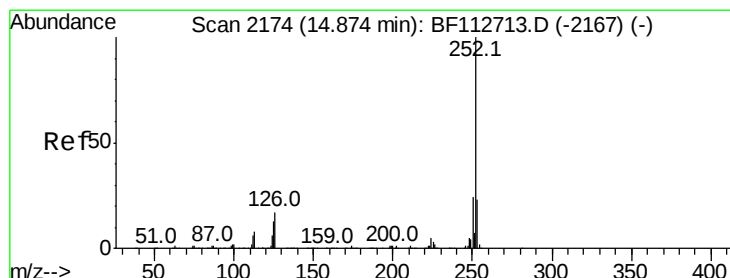
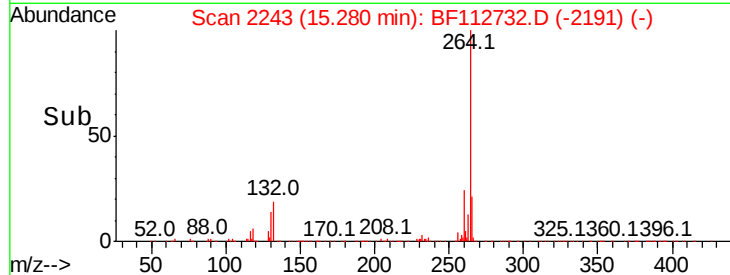
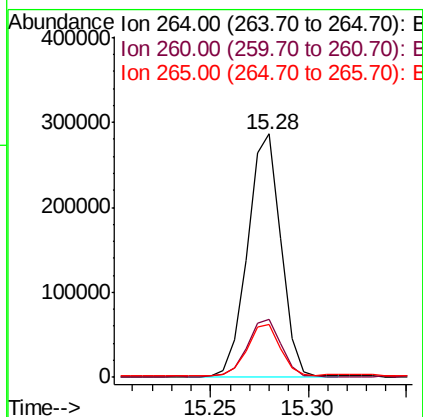
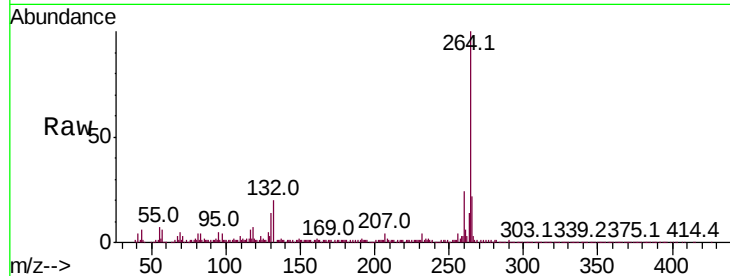




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

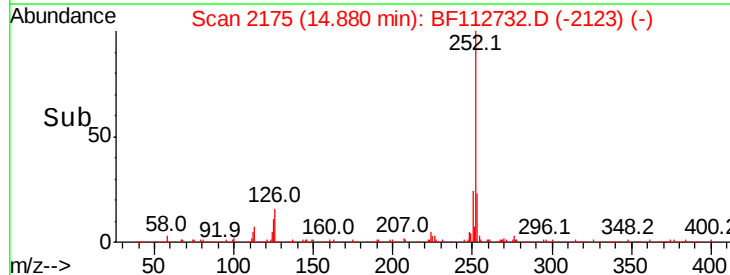
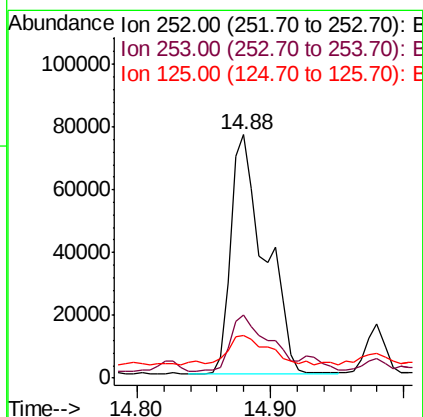
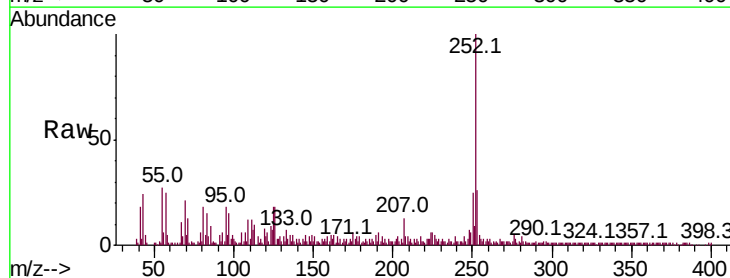
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

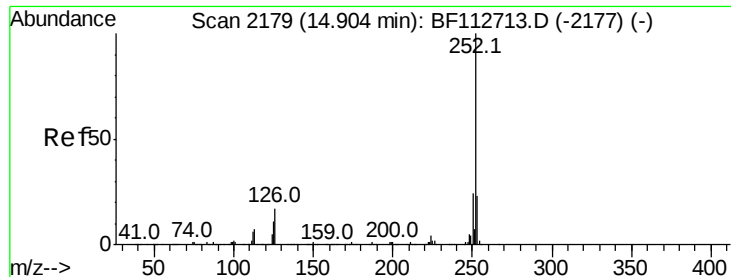
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 6.271 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	17.7	10.2	15.2#

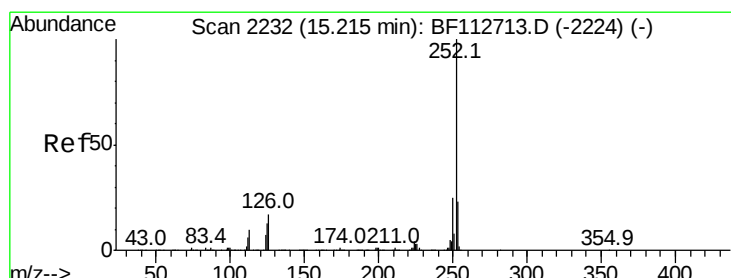
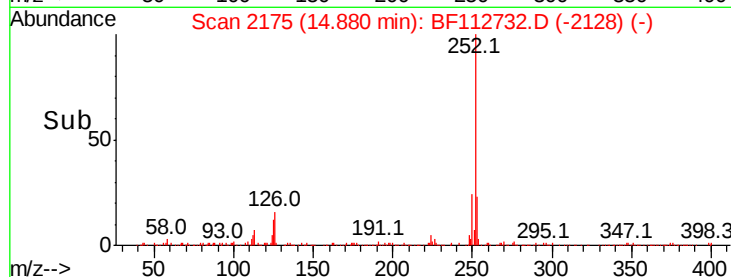
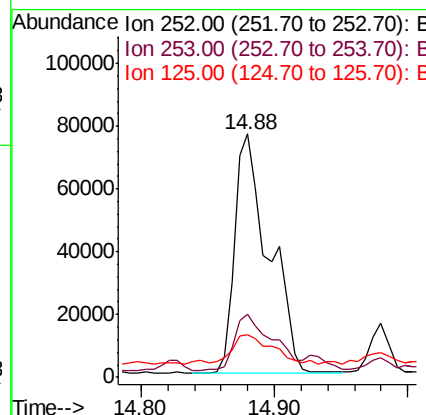
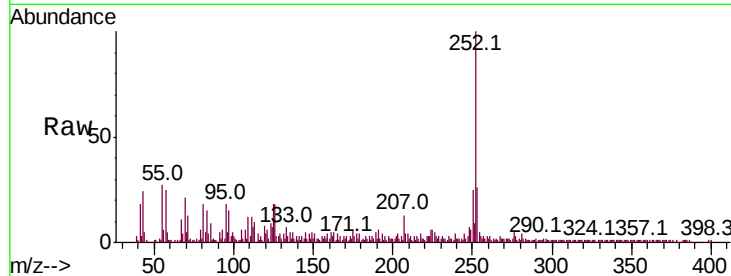




#89
Benzo(k)fluoranthene
Concen: 6.923 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

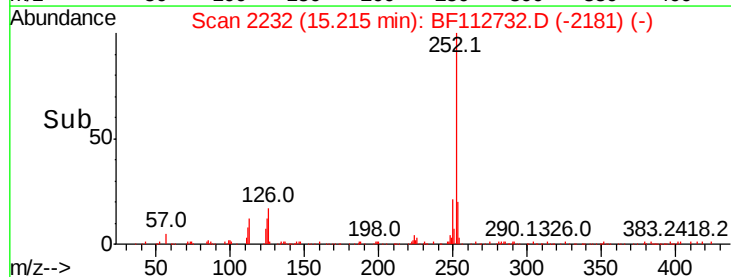
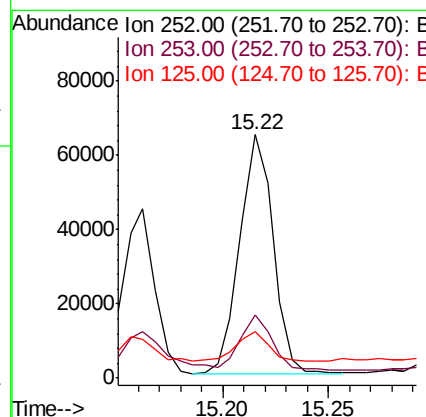
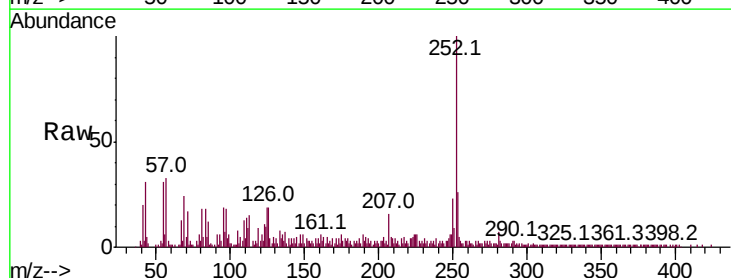
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

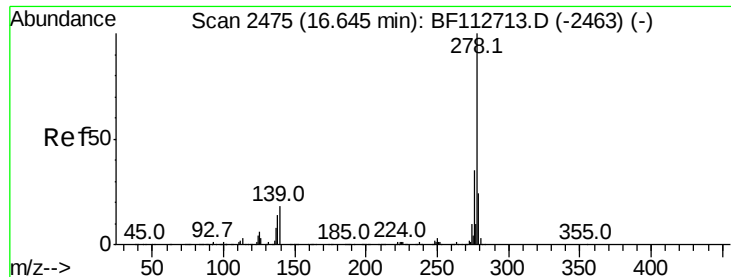
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.2	27.2
125	17.7	9.8	14.6



#90
Benzo(a)pyrene
Concen: 3.668 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	19.1	10.7	16.1

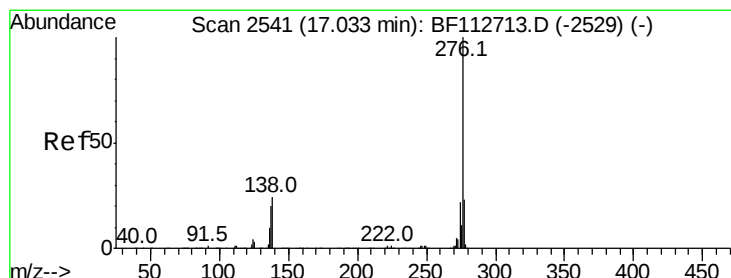
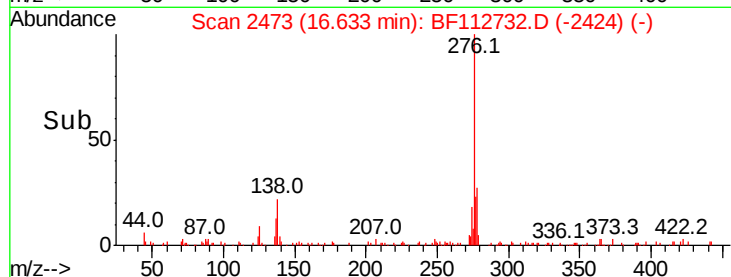
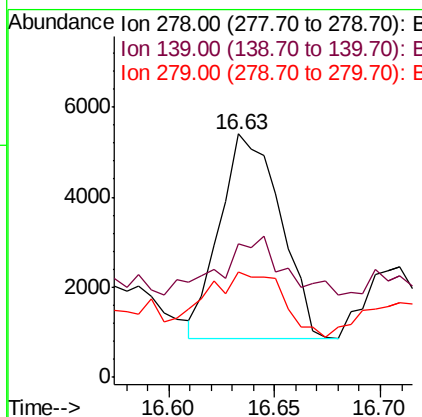
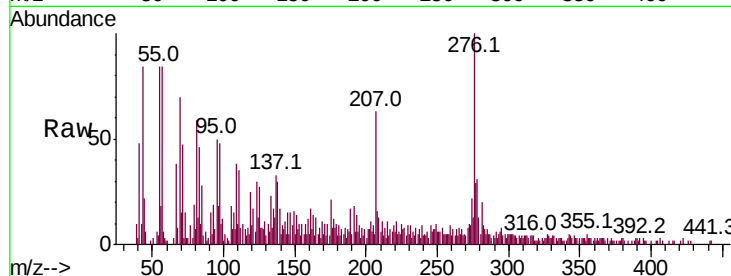




#91
Dibenzo(a,h)anthracene
Concen: 0.550 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tot Ion:278 Resp: 9011
Ion Ratio Lower Upper
278 100
139 54.9 14.3 21.5#
279 43.2 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 2.129 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:276 Resp: 35040
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 26.2 19.4 29.0

