

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112728.D
 Acq On : 27 Feb 2019 19:27
 Operator : JU/SJ
 Sample : K1353-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 28 02:01:58 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	197418	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	701350	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	277594	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	510152	20.00	ng	0.00
76) Chrysene-d12	13.87	240	517742	20.00	ng	0.00
87) Perylene-d12	15.27	264	412251	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	641865	50.58	ng	0.00
7) Phenol-d6	6.36	99	799440	50.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	446087	38.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	145052	49.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	698582	35.51	ng	0.00
79) Terphenyl-d14	12.83	244	696560	26.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.99	42	122	0.016	ng	# 1
6) Aniline	6.37	93	625	0.028	ng	# 1
8) 2-Chlorophenol	6.52	128	108	0.008	ng	# 1
9) Benzaldehyde	6.37	77	1682	0.146	ng	# 1
10) Phenol	6.37	94	22906	1.231	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	927	0.065	ng	# 1
15) Benzyl Alcohol	6.89	79	8508	0.700	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.07	45	124	0.005	ng	# 1
17) 2-Methylphenol	6.87	107	108	0.009	ng	# 1
18) Hexachloroethane	7.28	117	313	0.056	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	58752	5.819	ng	# 78
20) 3+4-Methylphenols	7.14	107	808	0.062	ng	# 83
22) Acetophenone	7.14	105	1411	0.086	ng	# 68
24) Nitrobenzene	7.33	77	228	0.017	ng	# 38
25) Isophorone	7.29	82	445367	17.638	ng	# 66
27) 2,4-Dimethylphenol	7.70	122	733	0.073	ng	# 4
28) bis(2-Chloroethoxy)methane	7.62	93	120	0.008	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	143	0.015	ng	# 21
31) Naphthalene	8.04	128	8026	0.230	ng	# 93
32) Benzoic acid	7.70	122	733	0.104	ng	# 70
33) 4-Chloroaniline	8.04	127	1357	0.092	ng	# 48
35) Caprolactam	8.46	113	411	0.119	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	258	0.024	ng	# 20
37) 2-Methylnaphthalene	8.73	142	4852	0.216	ng	95
38) 1-Methylnaphthalene	8.83	142	4169	0.191	ng	# 91
46) 1,1'-Biphenyl	9.19	154	2435	0.108	ng	95
47) 2-Chloronaphthalene	9.36	162	152	0.009	ng	# 1
48) 2-Nitroaniline	9.27	65	494	0.092	ng	# 4
49) Acenaphthylene	9.63	152	17017	0.567	ng	98
50) Dimethylphthalate	9.49	163	46288	2.261	ng	98
51) 2,6-Dinitrotoluene	9.77	165	36860	8.648	ng	# 18
52) Acenaphthene	9.80	154	5885	0.335	ng	# 84
53) 3-Nitroaniline	9.76	138	120	0.023	ng	# 1
55) Dibenzofuran	9.97	168	7049	0.276	ng	97

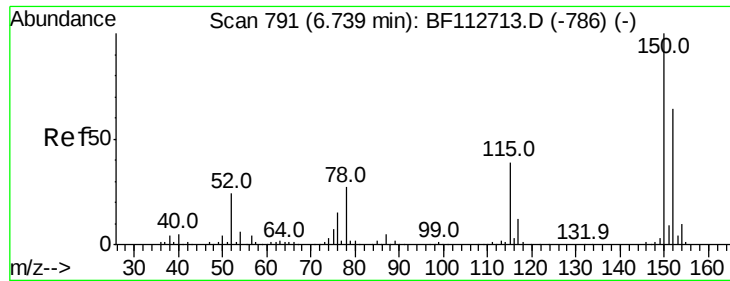
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	9.87	139	506	0.120	nq	# 51
57) 2,4-Dinitrotoluene	9.77	165	36860	6.957	nq	# 18
58) Fluorene	10.31	166	13079	0.722	nq	94
60) Diethylphthalate	10.19	149	1131	0.052	nq	# 74
61) 4-Chlorophenyl-phenylether	10.50	204	113	0.013	nq	# 26
62) 4-Nitroaniline	10.31	138	132	0.028	nq	# 20
63) Azobenzene	10.47	77	912	0.041	nq	# 1
65) 4,6-Dinitro-2-methylphenol	10.55	198	124	4.666	nq	# 1
66) n-Nitrosodiphenylamine	10.43	169	1749	0.107	nq	# 40
67) 4-Bromophenyl-phenylether	10.55	248	8918	1.660	nq	# 1
69) Atrazine	11.10	200	117	0.023	nq	# 35
71) Phenanthrene	11.27	178	127672	5.030	nq	96
72) Anthracene	11.32	178	36824	1.386	nq	98
73) Carbazole	11.47	167	12255	0.473	nq	98
74) Di-n-butylphthalate	11.82	149	7112	0.229	nq	# 90
75) Fluoranthene	12.45	202	234492	8.623	nq	94
77) Benzidine	12.57	184	395	0.015	nq	# 1
78) Pyrene	12.67	202	246684	5.652	nq	97
80) Butylbenzylphthalate	13.30	149	792	0.041	nq	# 43
81) Benzo(a)anthracene	13.86	228	132855	3.702	nq	95
82) 3,3'-Dichlorobenzidine	13.80	252	712	0.052	nq	# 62
83) Chrysene	13.89	228	129414	3.682	nq	95
84) Bis(2-ethylhexyl)phthalate	13.87	149	10957	0.485	nq	# 90
85) Di-n-octyl phthalate	14.49	149	2680	0.069	nq	# 55
86) Indeno(1,2,3-cd)pyrene	16.62	276	47504	1.585	nq	95
88) Benzo(b)fluoranthene	14.87	252	192467	7.218	nq	# 94
89) Benzo(k)fluoranthene	14.87	252	192467	7.968	nq	# 94
90) Benzo(a)pyrene	15.22	252	93316	3.956	nq	# 94
91) Dibenzo(a,h)anthracene	16.64	278	13090	0.650	nq	# 71
92) Benzo(g,h,i)perylene	17.02	276	45426	2.248	nq	# 91

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

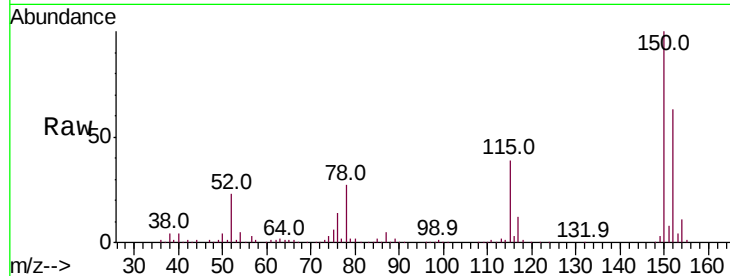


#1

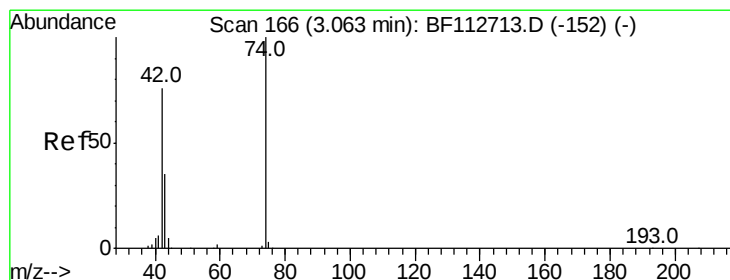
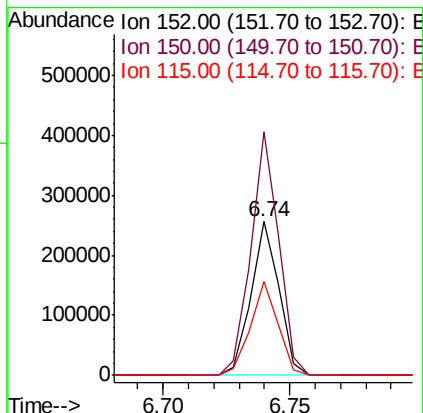
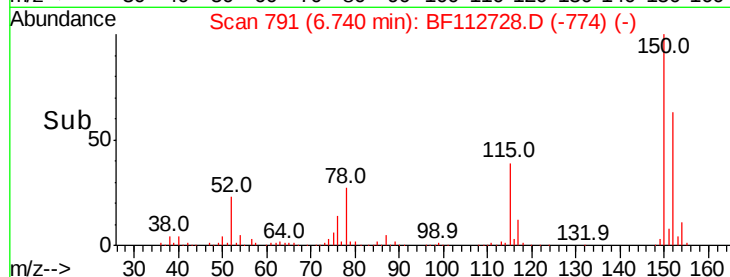
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tot Ion:152 Resp: 197418
Ion Ratio Lower Upper
152 100
150 158.2 124.2 186.2
115 61.0 48.2 72.4



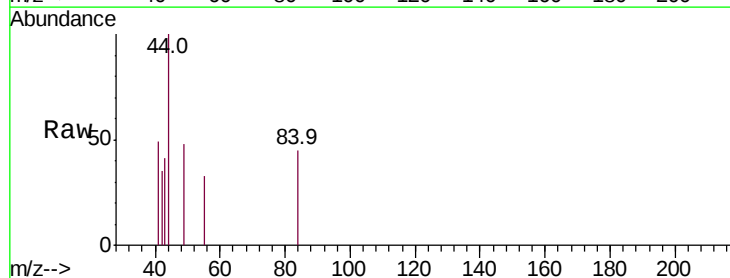
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



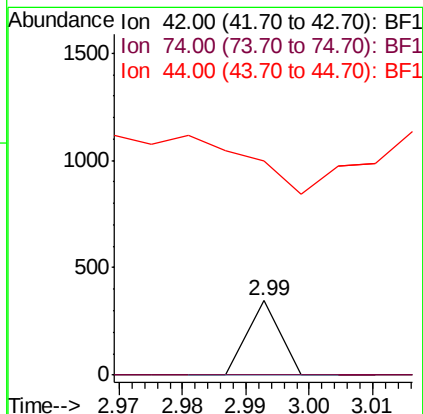
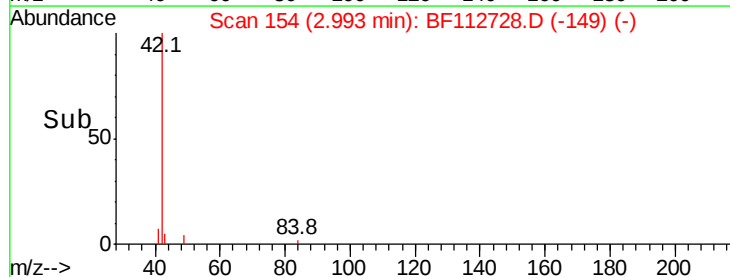
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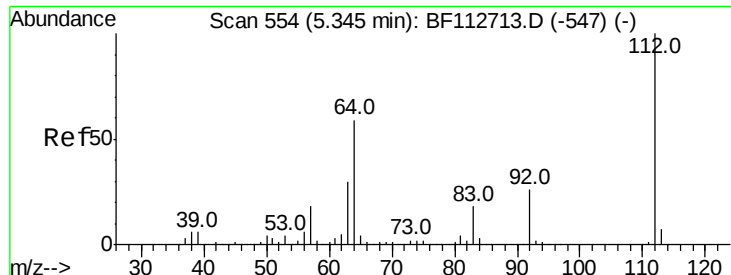
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 2.99 min Scan# 154
Delta R.T. -0.07 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 289.6 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: 50.575 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

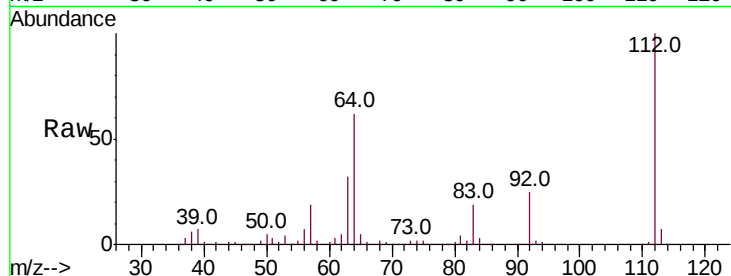
Tot Ion:112 Resp: 641865

Ion Ratio Lower Upper

112 100

64 62.1 47.6 71.4

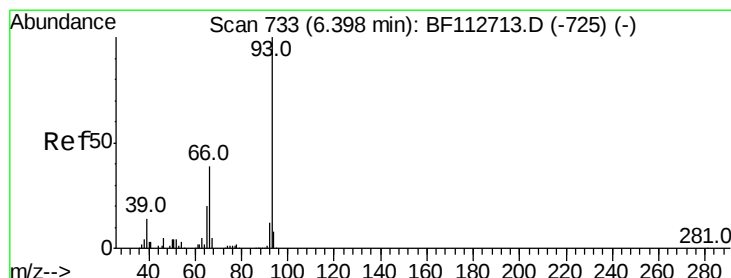
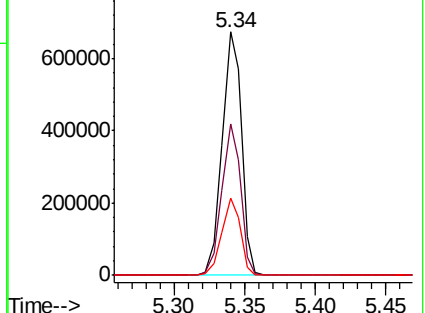
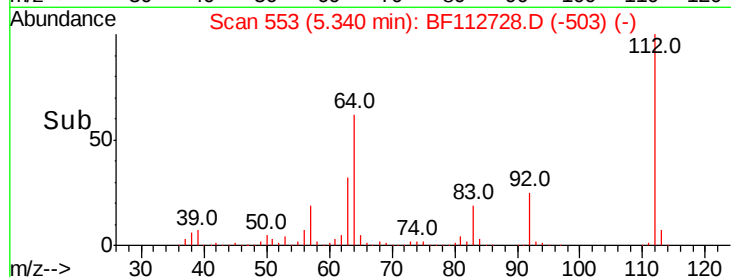
63 31.7 24.4 36.6



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: 0.028 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

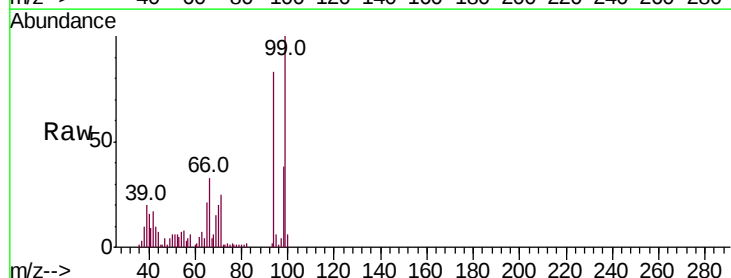
Tgt Ion: 93 Resp: 625

Ion Ratio Lower Upper

93 100

66 1668.9 32.2 48.2#

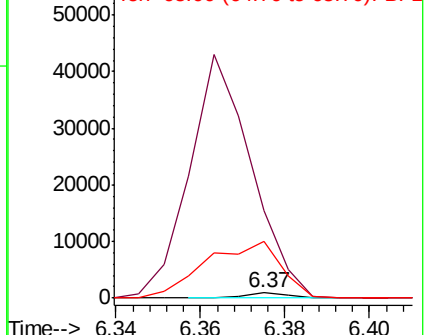
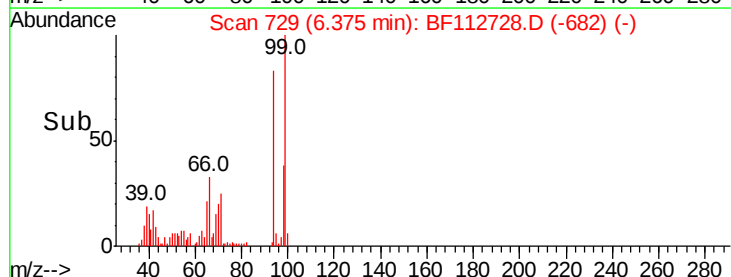
65 1080.8 16.2 24.4#

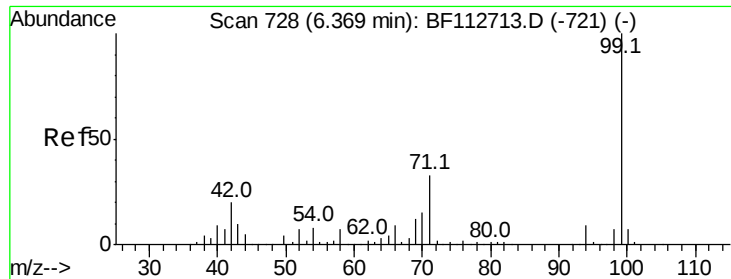


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.146 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

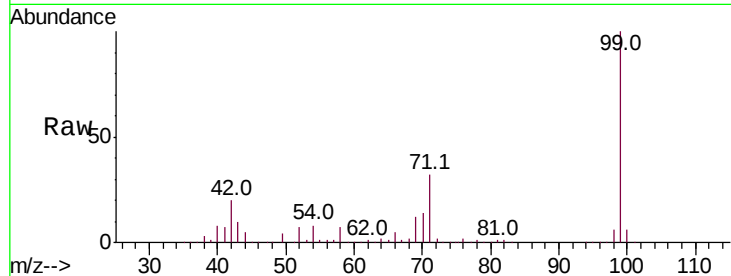
Tot Ion: 99 Resp: 799440

Ion Ratio Lower Upper

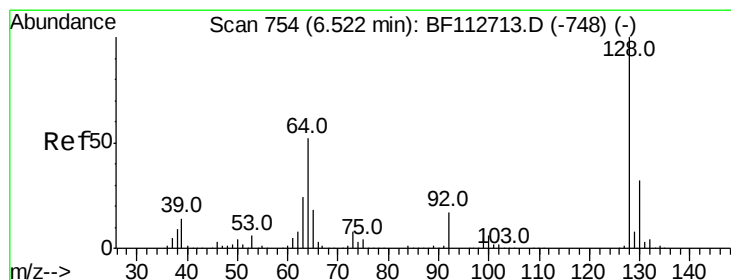
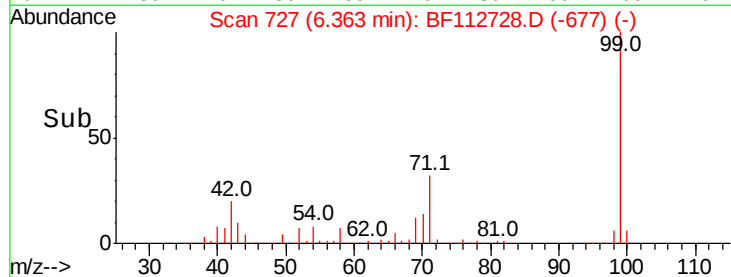
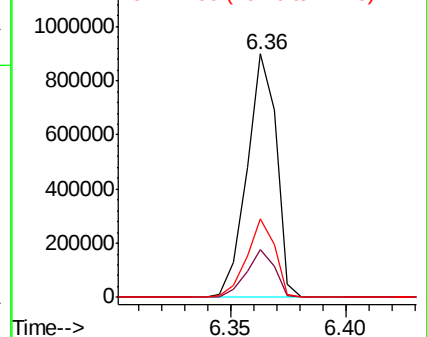
99 100

42 19.6 16.3 24.5

71 32.3 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



#8

2-Chlorophenol

Concen: 0.008 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

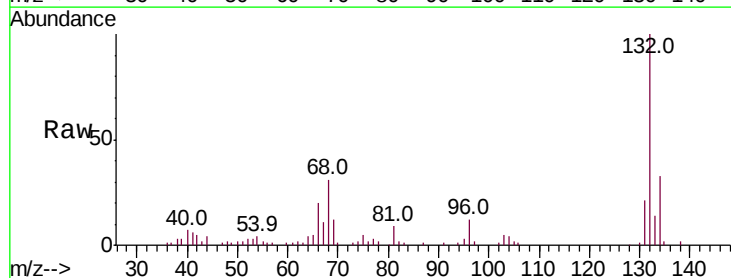
Tgt Ion: 128 Resp: 108

Ion Ratio Lower Upper

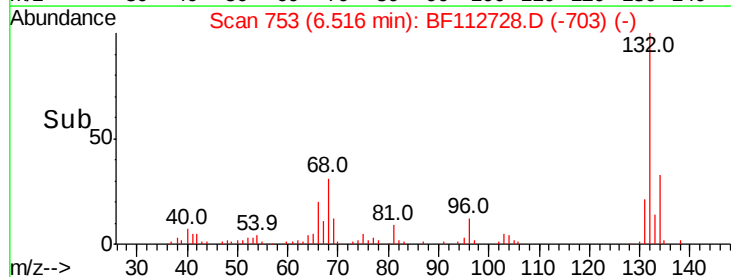
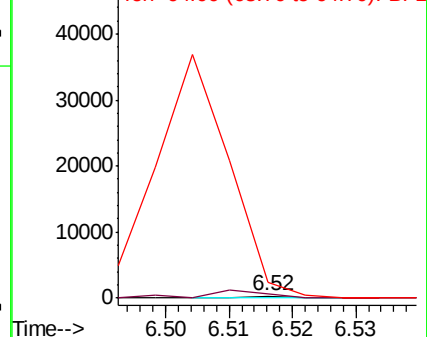
128 100

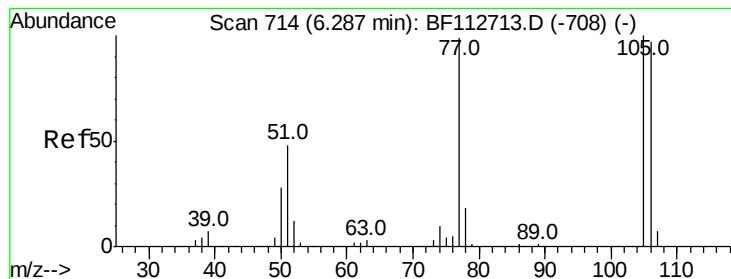
130 220.7 12.4 52.4#

64 764.3 32.2 72.2#



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





#9

Benzaldehyde

Concen: 0.146 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.08 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

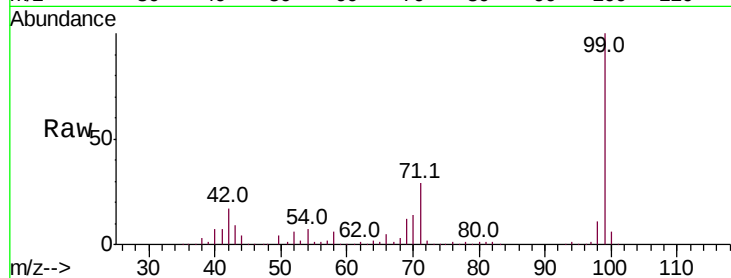
Tot Ion: 77 Resp: 1682

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

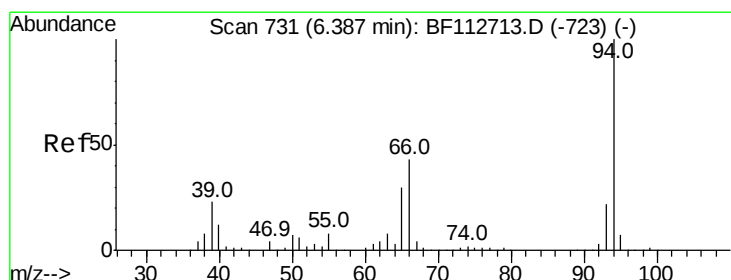
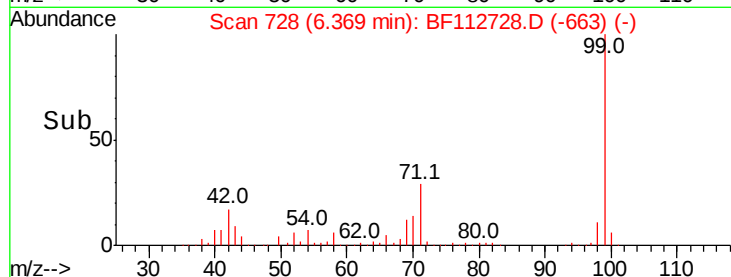
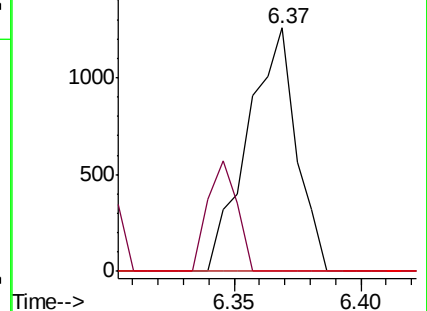
106 0.0 78.3 118.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.231 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

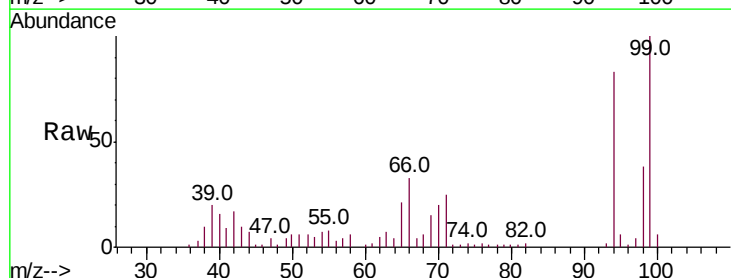
Tgt Ion: 94 Resp: 22906

Ion Ratio Lower Upper

94 100

65 25.7 10.5 50.5

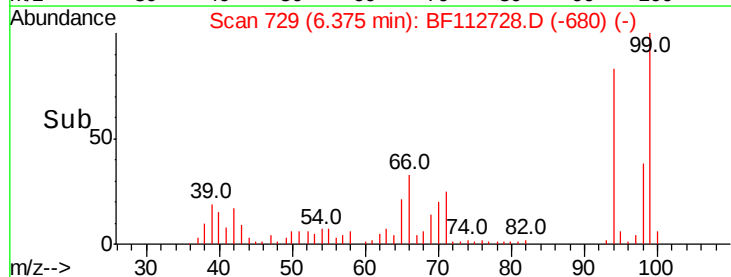
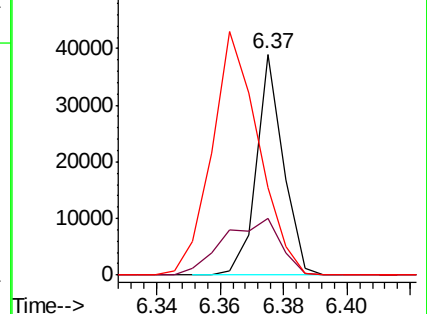
66 39.7 22.6 62.6

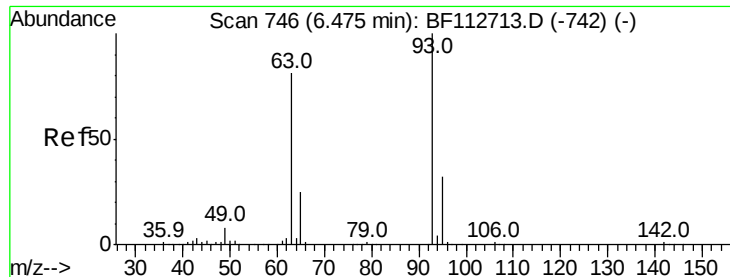


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

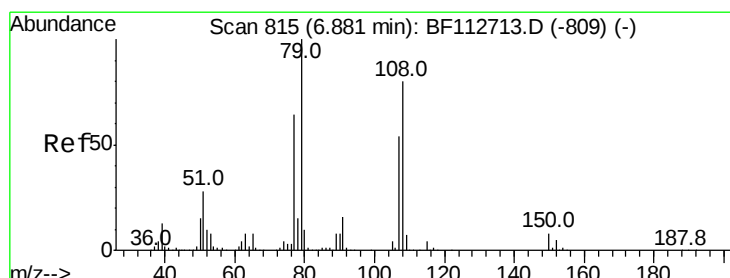
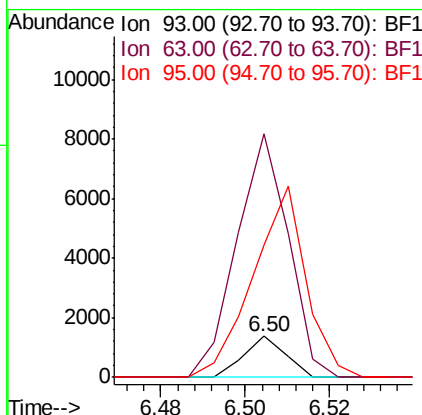
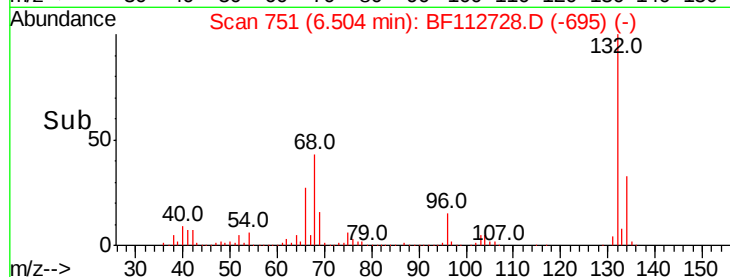
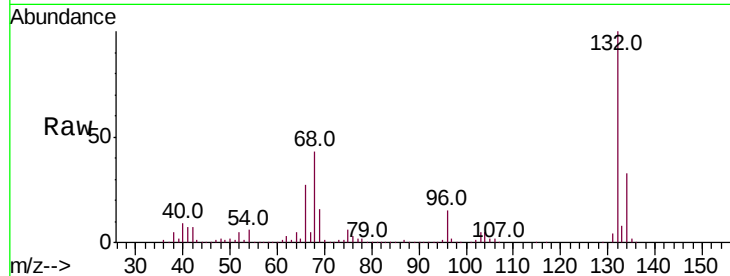




#11
bis(2-Chloroethyl)ether
Concen: 0.065 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

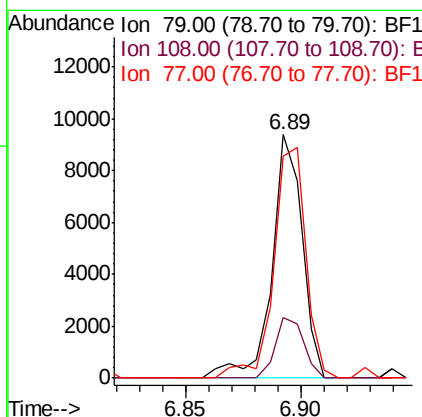
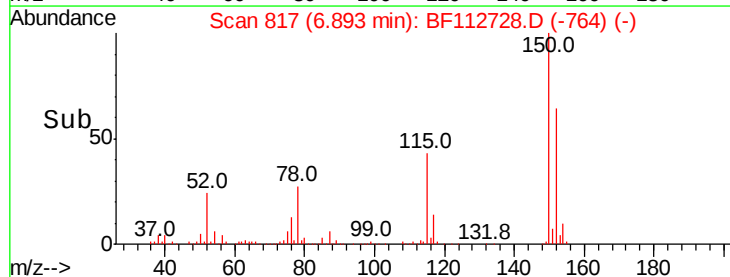
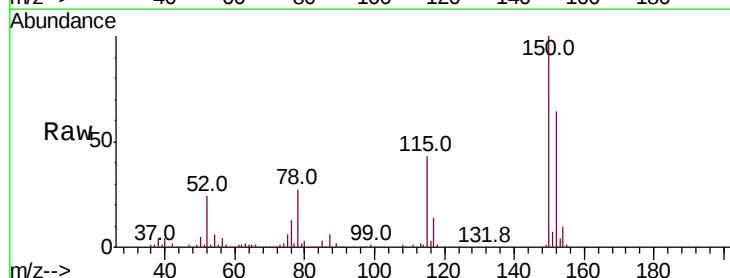
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

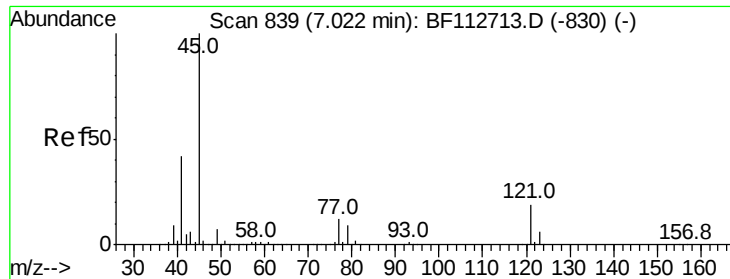
Tot Ion: 93 Resp: 927
Ion Ratio Lower Upper
93 100
63 595.8 60.5 100.5#
95 322.2 12.1 52.1#



#15
Benzyl Alcohol
Concen: 0.700 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 79 Resp: 8508
Ion Ratio Lower Upper
79 100
108 25.1 64.2 96.4#
77 91.1 51.1 76.7#

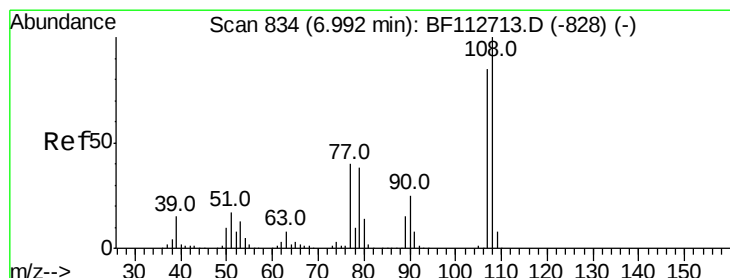
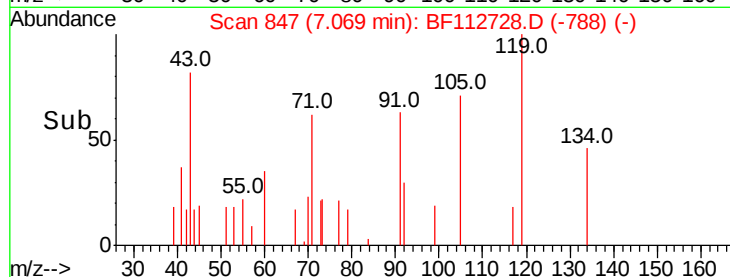
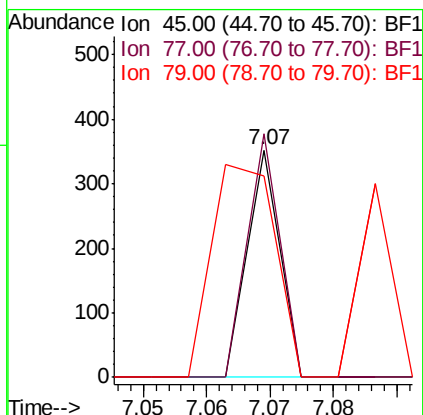
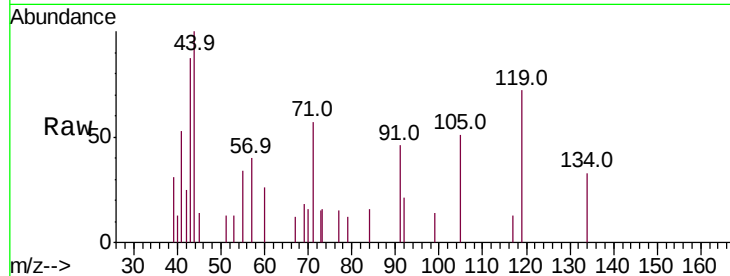




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.05 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

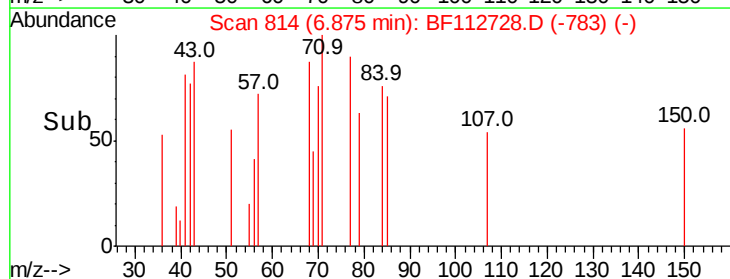
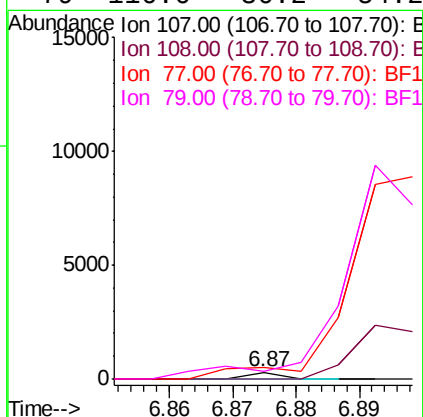
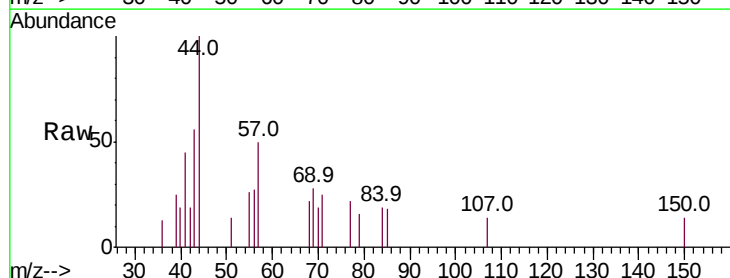
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

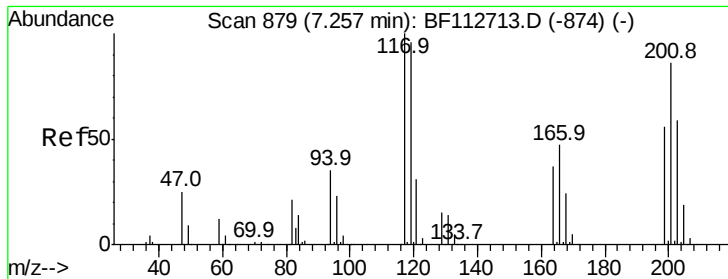
Tot Ion: 45 Resp: 124
Ion Ratio Lower Upper
45 100
77 107.1 0.0 32.1#
79 88.6 0.0 29.4#



#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.12 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 107 Resp: 108
Ion Ratio Lower Upper
107 100
108 0.0 94.6 142.0#
77 164.8 37.8 56.8#
79 116.6 36.2 54.2#





#18

Hexachloroethane

Concen: 0.056 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

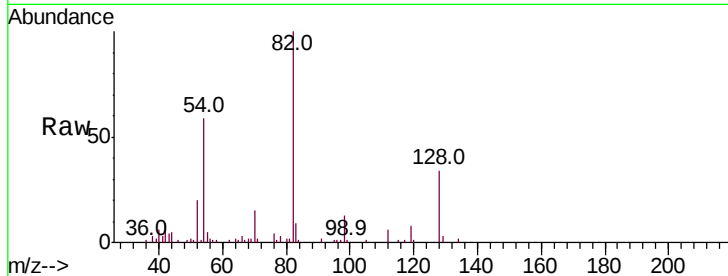
Tot Ion:117 Resp: 313

Ion Ratio Lower Upper

117 100

119 571.3 76.6 115.0#

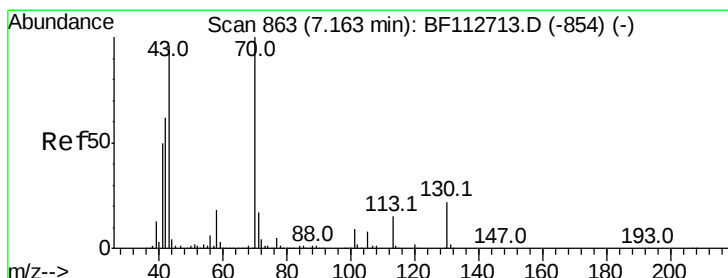
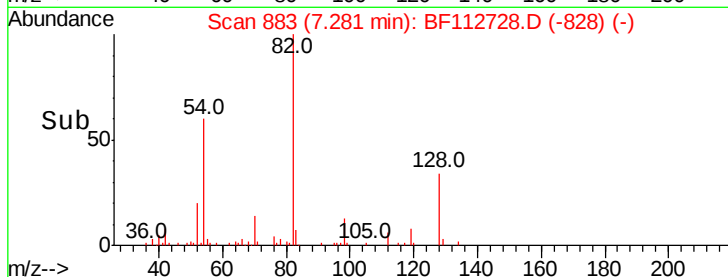
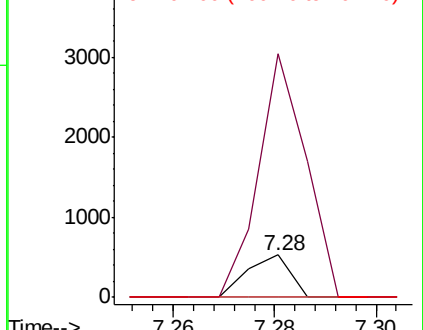
201 0.0 68.9 103.3#



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: 5.819 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Tgt Ion: 70 Resp: 58752

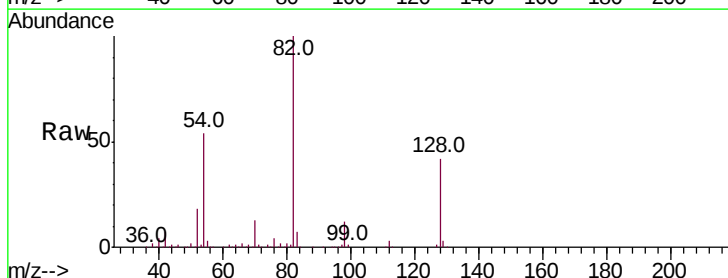
Ion Ratio Lower Upper

70 100

42 51.0 49.9 74.9

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

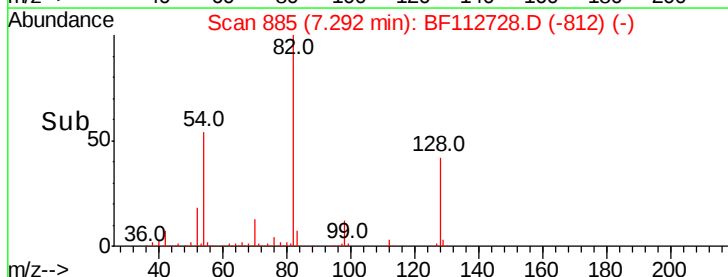
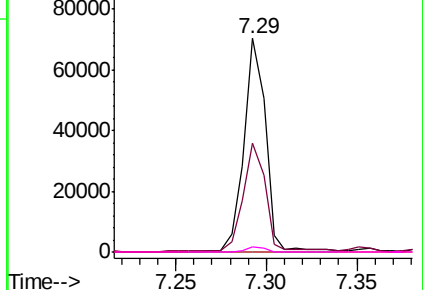


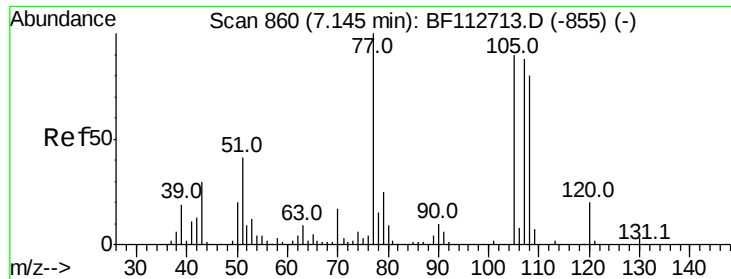
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#20

3+4-Methylphenols

Concen: 0.062 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

Tot Ion:107 Resp: 808

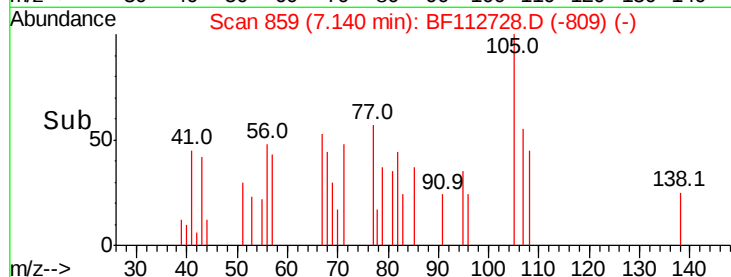
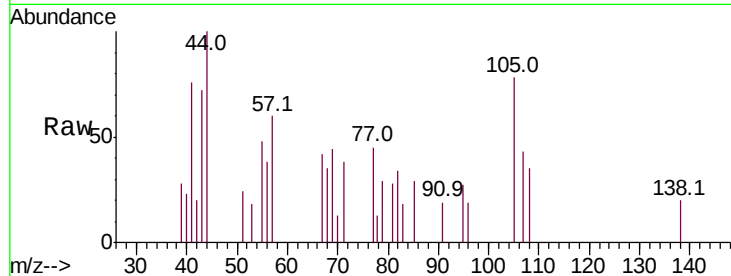
Ion Ratio Lower Upper

107 100

108 82.4 71.4 111.4

77 104.7 94.1 134.1

79 67.7 8.6 48.6#



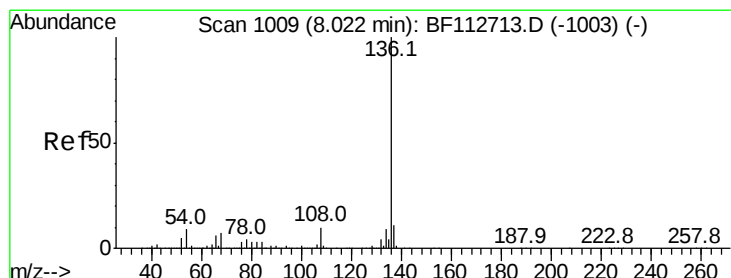
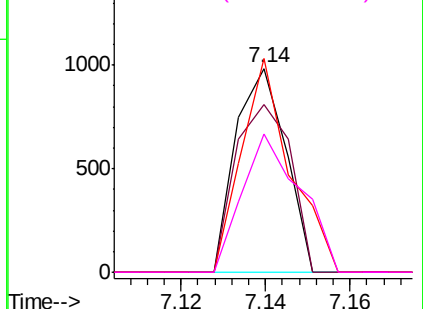
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Tgt Ion:136 Resp: 701350

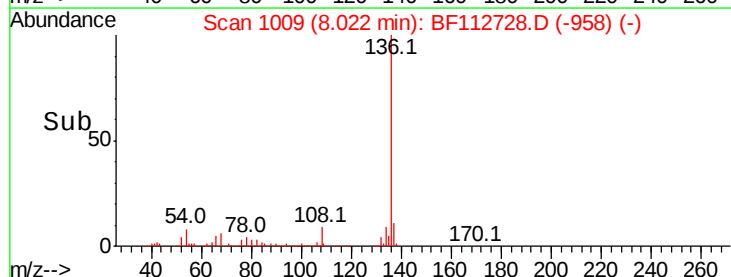
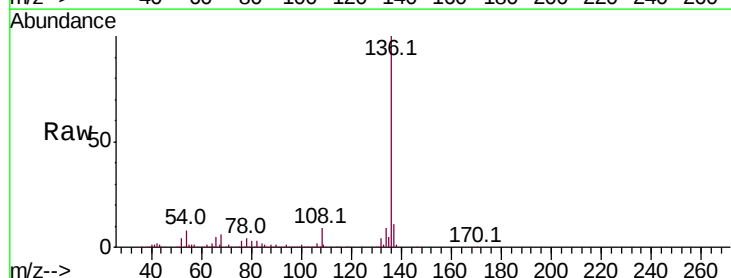
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 7.3 10.9

68 6.1 5.4 8.2



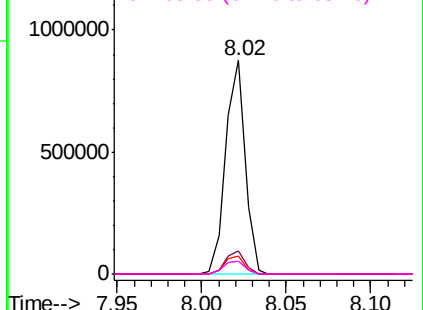
Abundance

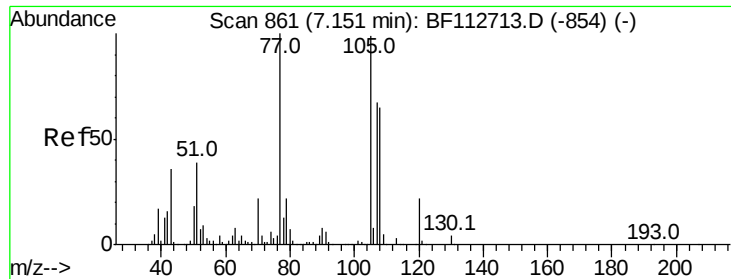
Ion 136.00 (135.70 to 136.70): E

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: 0.086 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

Tot Ion:105 Resp: 1411

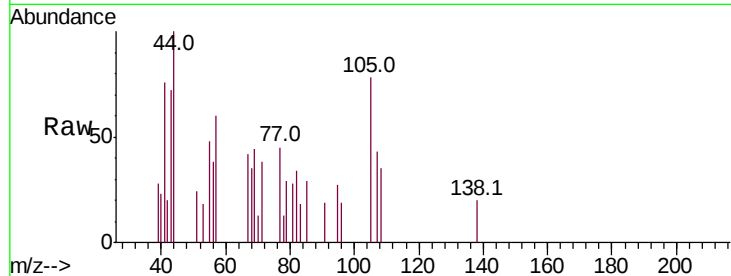
Ion Ratio Lower Upper

105 100

71 48.1 3.0 4.4#

51 30.4 31.5 47.3#

120 0.0 18.1 27.1#

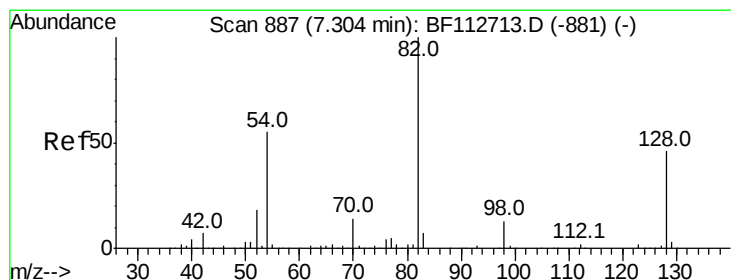
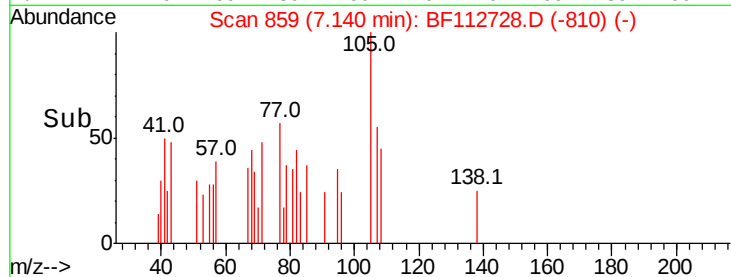
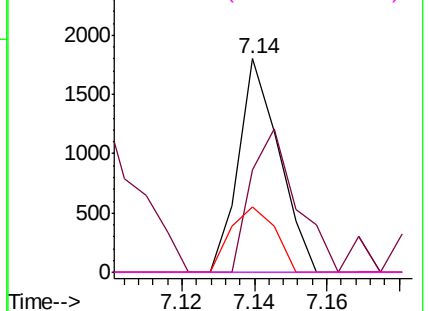


Abundance Ion 105.00 (104.70 to 105.70): E

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: 38.059 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

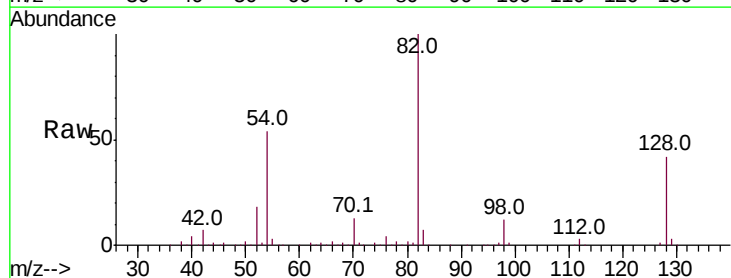
Tgt Ion: 82 Resp: 446087

Ion Ratio Lower Upper

82 100

128 42.4 36.3 54.5

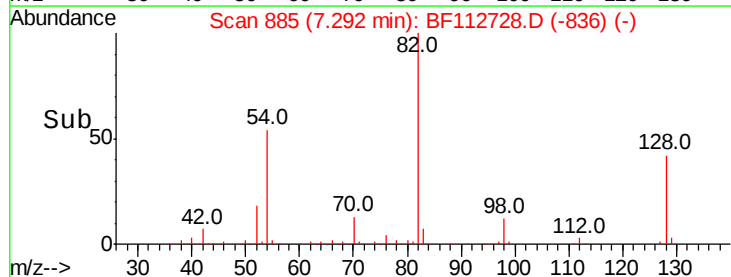
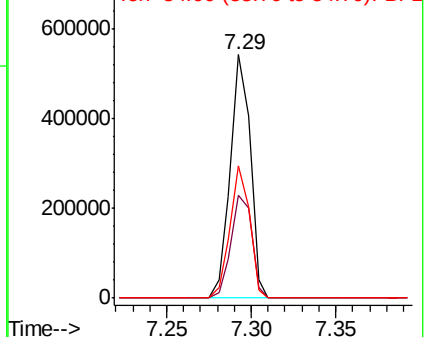
54 54.2 43.7 65.5

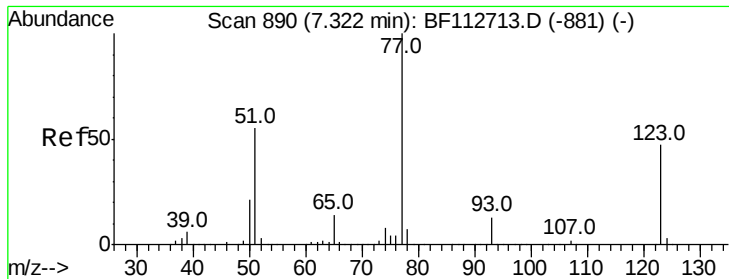


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.017 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

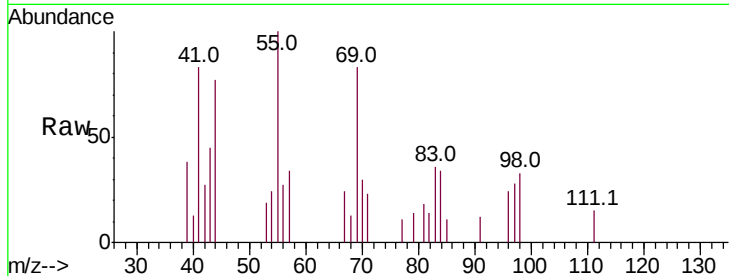
Tot Ion: 77 Resp: 228

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

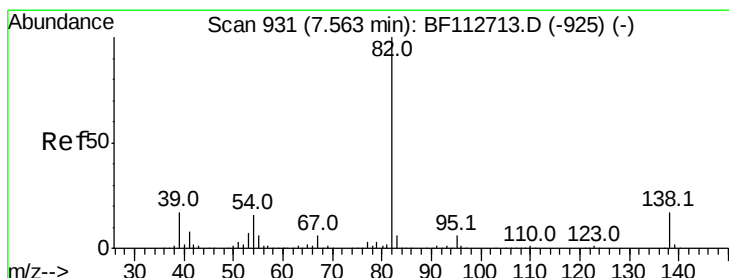
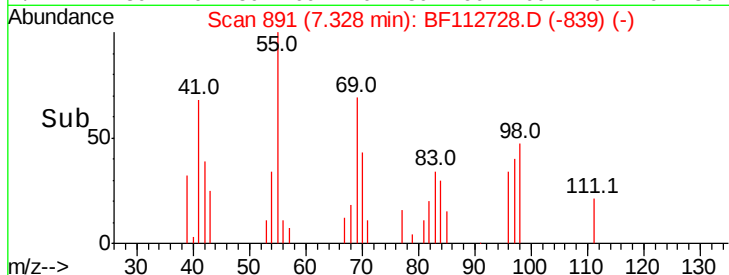
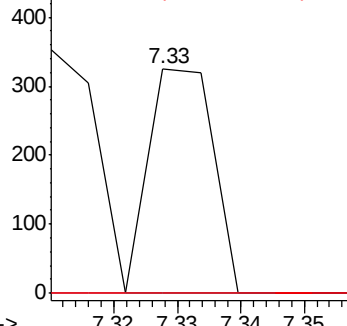
65 0.0 11.1 16.7#



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: 17.638 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

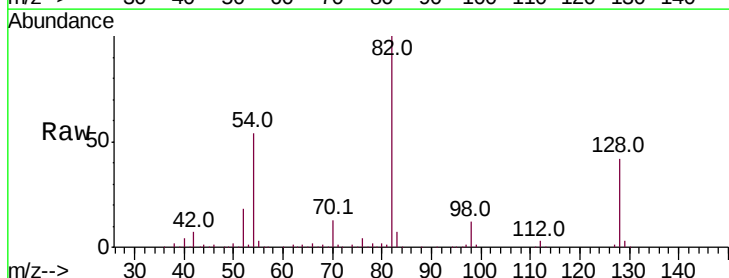
Tgt Ion: 82 Resp: 445367

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

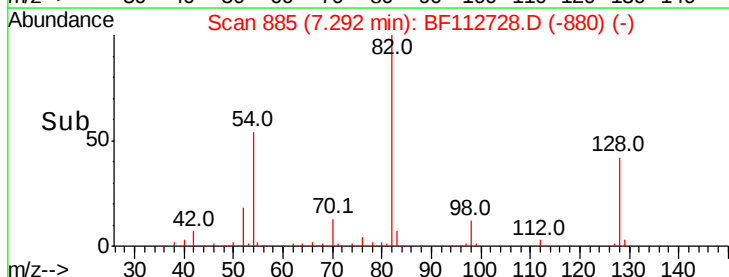
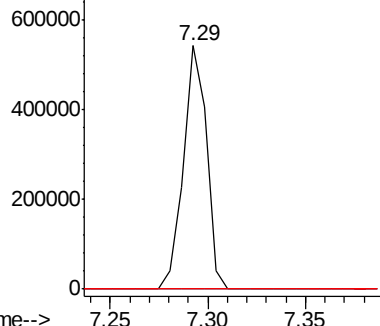
138 0.0 13.8 20.8#

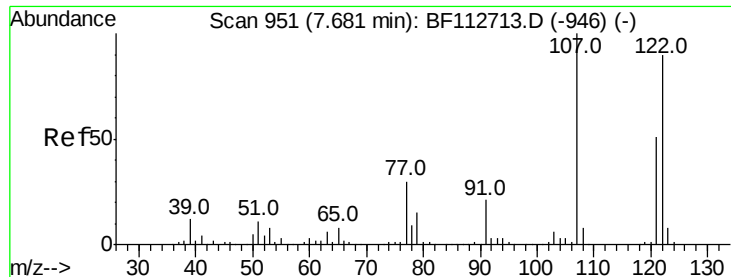


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

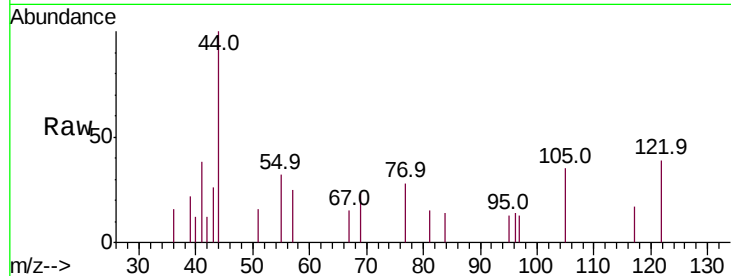




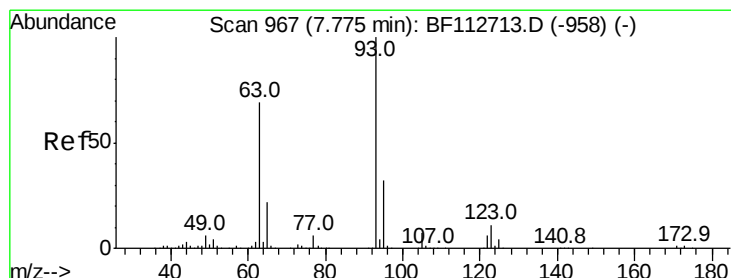
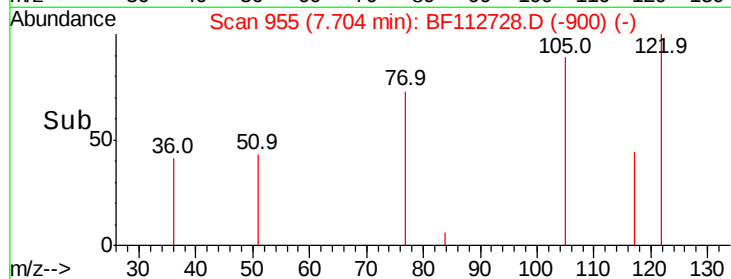
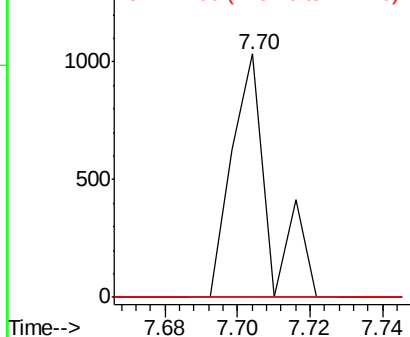
#27
2,4-Dimethylphenol
Concen: 0.073 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tot Ion:122 Resp: 733
Ion Ratio Lower Upper
122 100
107 0.0 89.4 134.0#
121 0.0 45.5 68.3#

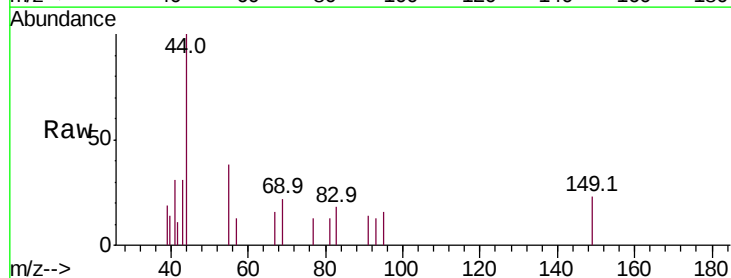


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

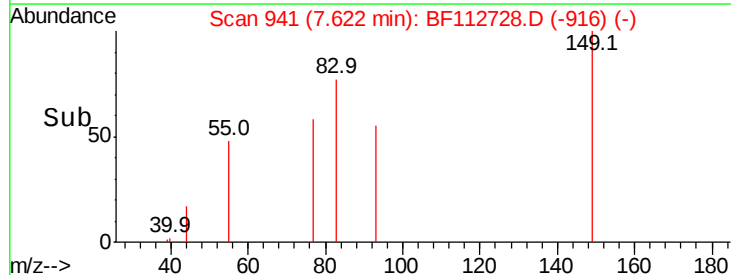
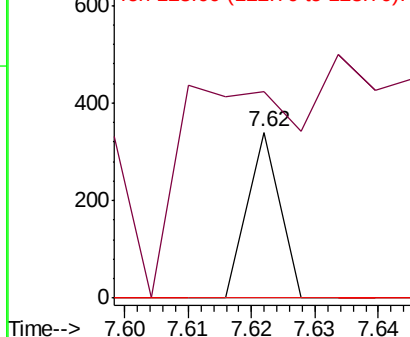


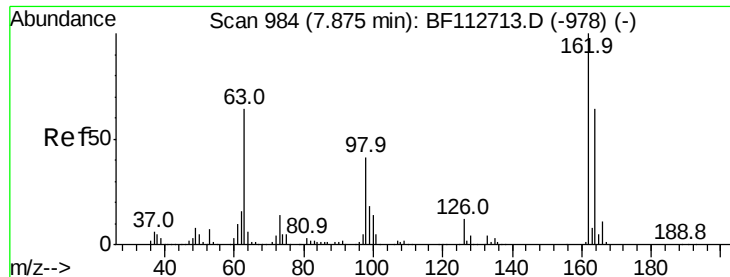
#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.15 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 93 Resp: 120
Ion Ratio Lower Upper
93 100
95 124.7 26.0 39.0#
123 0.0 9.3 13.9#



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





#29

2,4-Dichlorophenol

Concen: 0.015 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.11 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

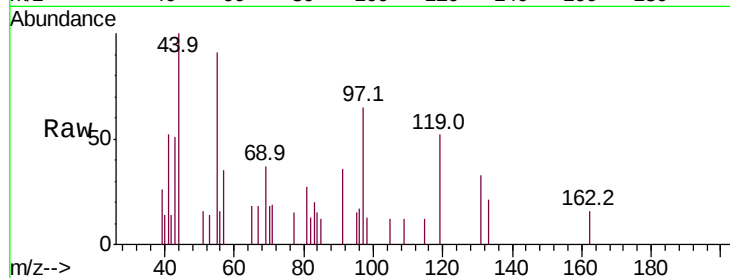
Tot Ion:162 Resp: 143

Ion Ratio Lower Upper

162 100

164 0.0 44.0 84.0#

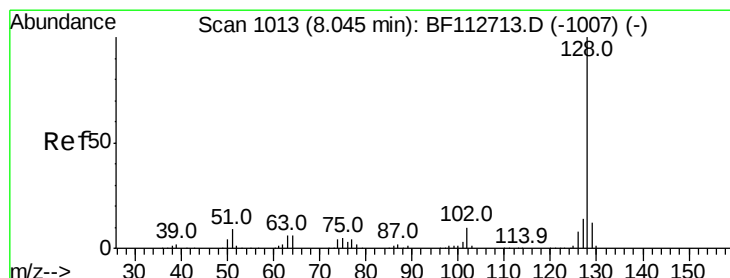
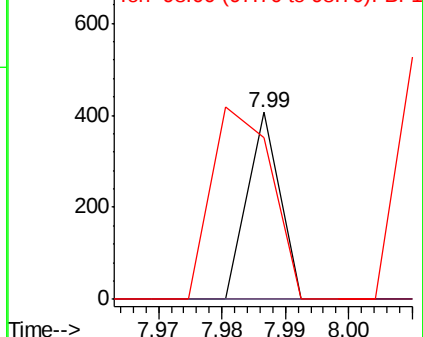
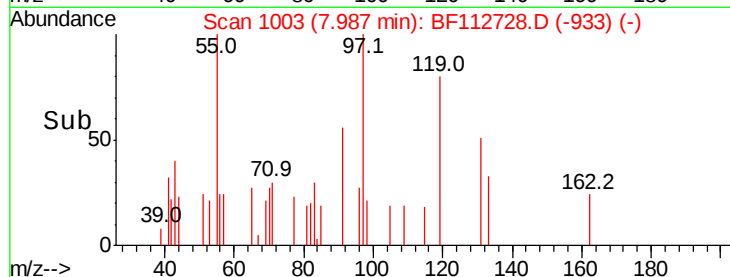
98 86.7 20.7 60.7#



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: 0.230 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

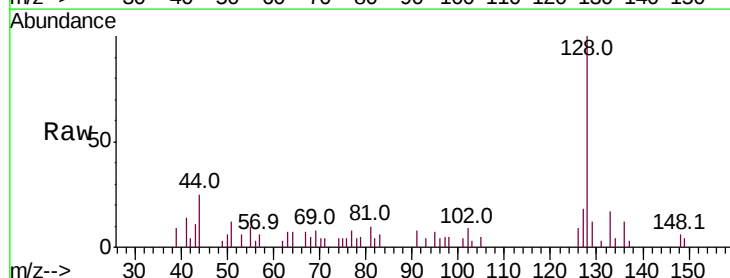
Tgt Ion:128 Resp: 8026

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

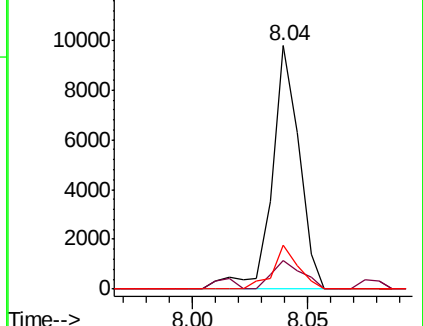
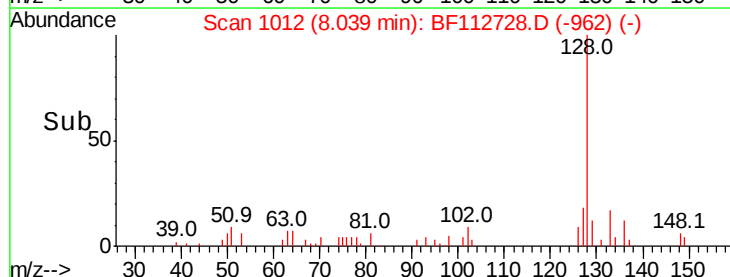
127 18.2 10.9 16.3#

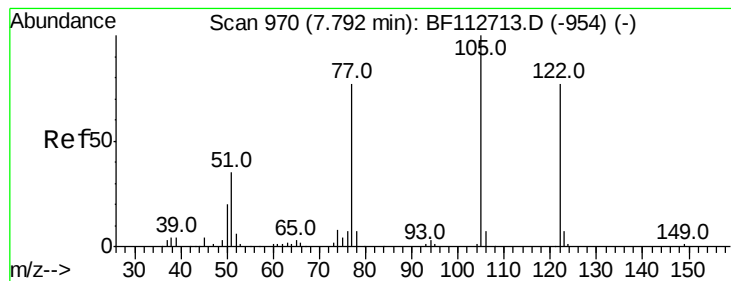


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.104 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

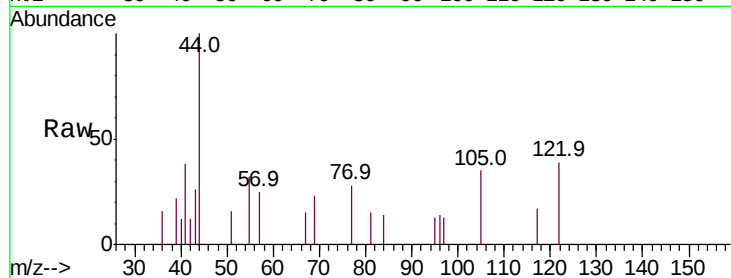
Tot Ion:122 Resp: 733

Ion Ratio Lower Upper

122 100

105 89.5 106.8 146.8#

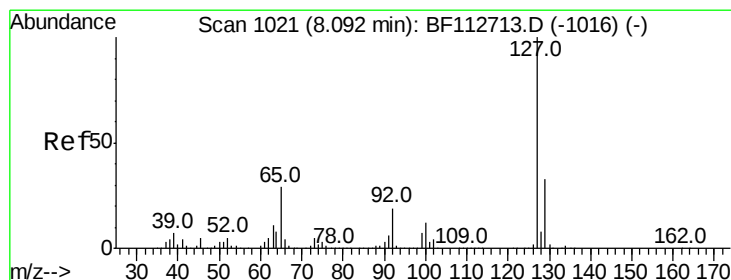
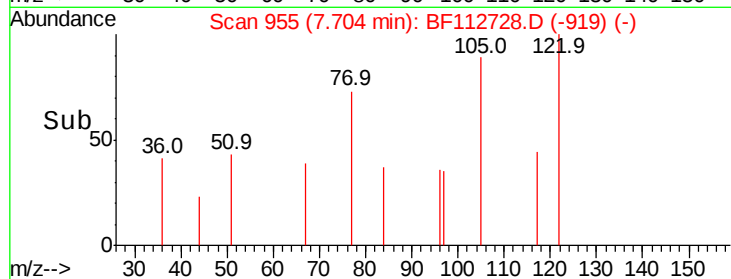
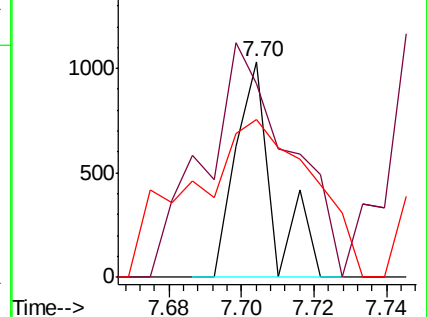
77 73.0 79.4 119.4#



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: 0.092 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.05 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Tgt Ion:127 Resp: 1357

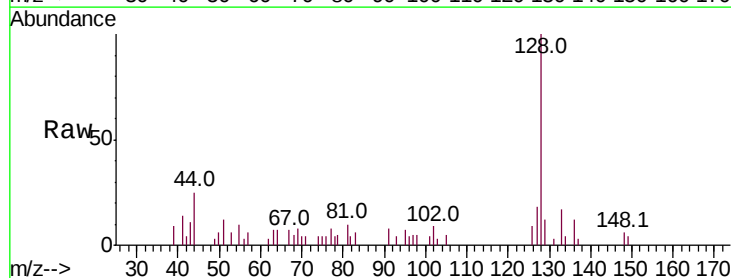
Ion Ratio Lower Upper

127 100

129 65.2 26.4 39.6#

65 0.0 23.1 34.7#

92 0.0 14.9 22.3#

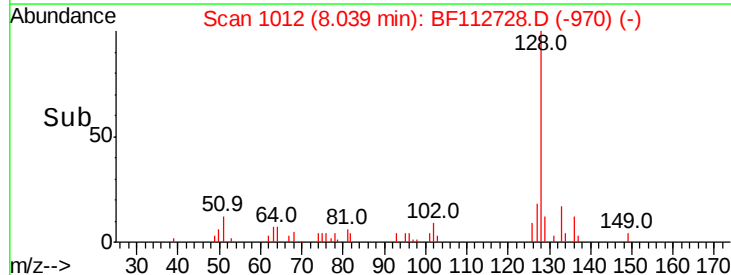
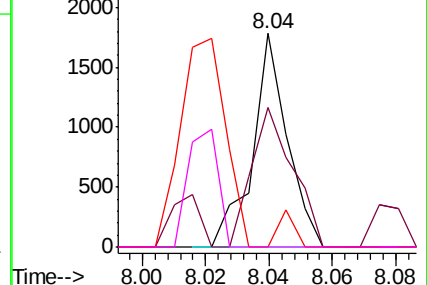


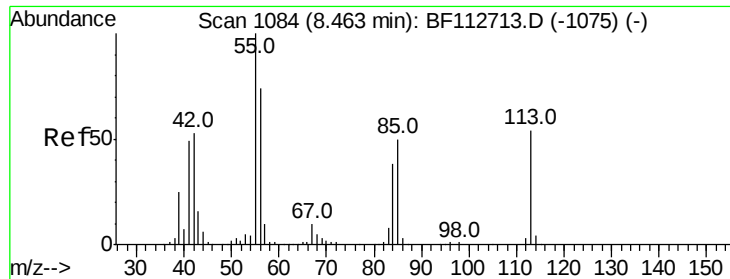
Abundance Ion 127.00 (126.70 to 127.70): E

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: 0.119 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

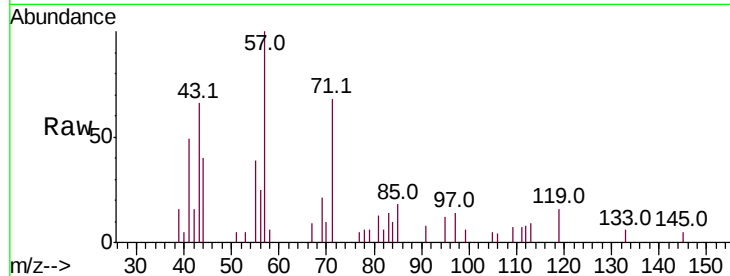
Tot Ion:113 Resp: 411

Ion Ratio Lower Upper

113 100

55 421.7 163.5 203.5#

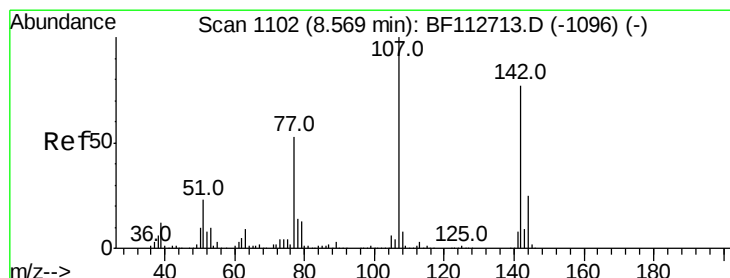
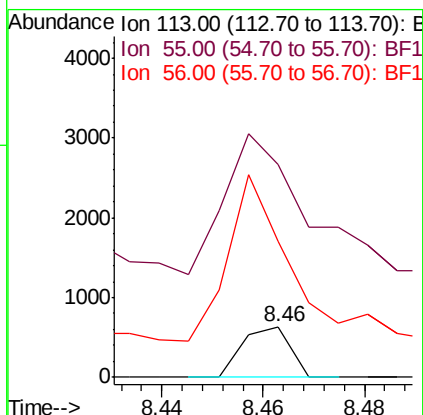
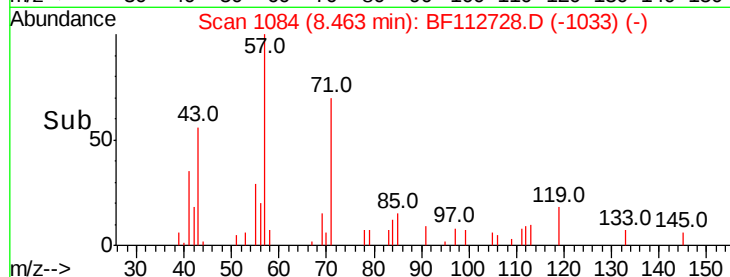
56 269.1 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.024 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.05 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

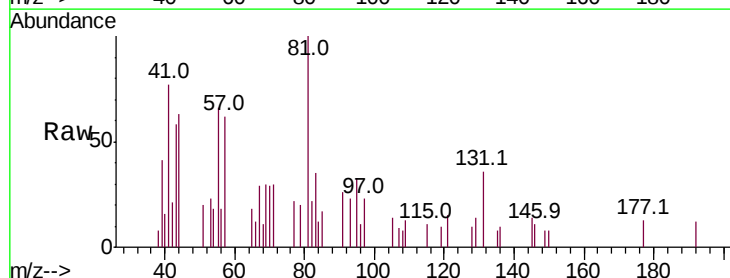
Tgt Ion:107 Resp: 258

Ion Ratio Lower Upper

107 100

144 0.0 20.1 30.1#

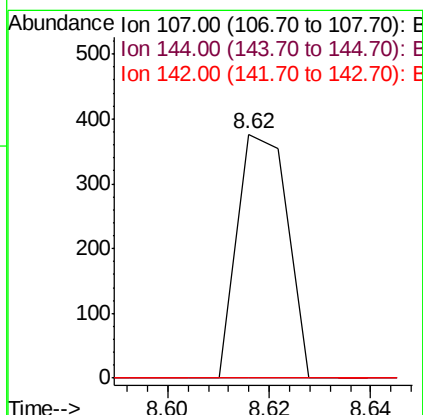
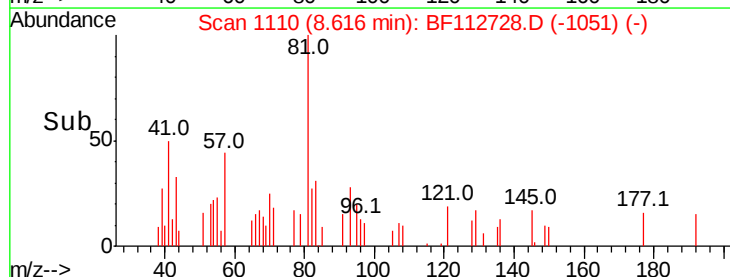
142 0.0 61.9 92.9#

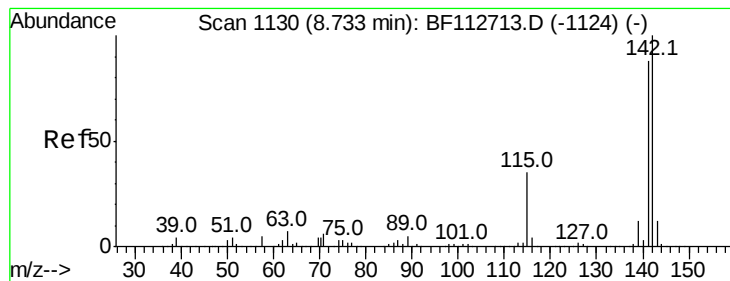


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.216 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

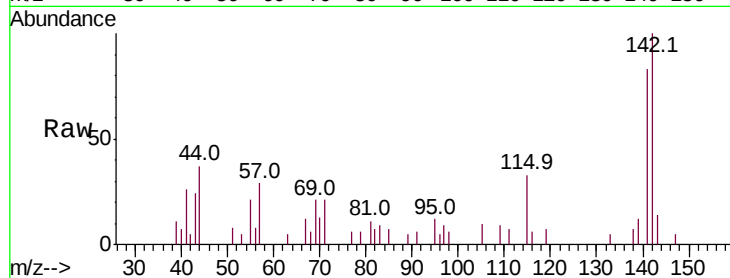
Tot Ion:142 Resp: 4852

Ion Ratio Lower Upper

142 100

141 83.4 70.3 105.5

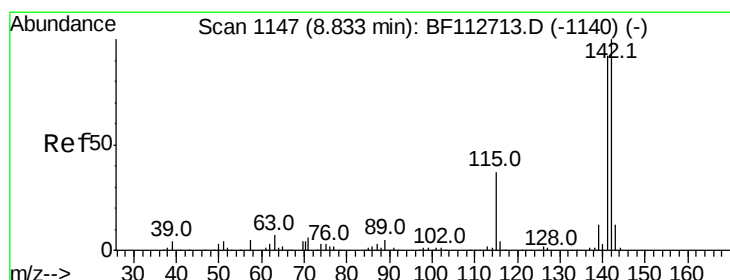
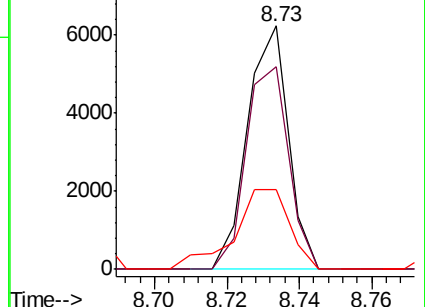
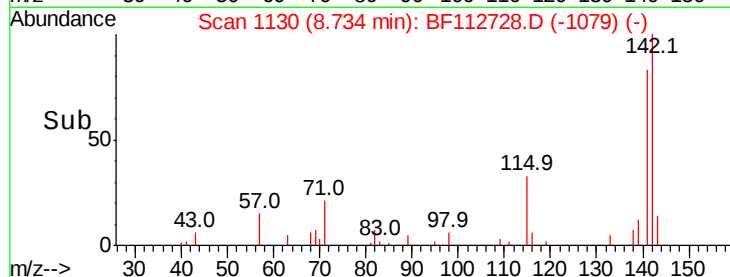
115 32.6 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.191 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

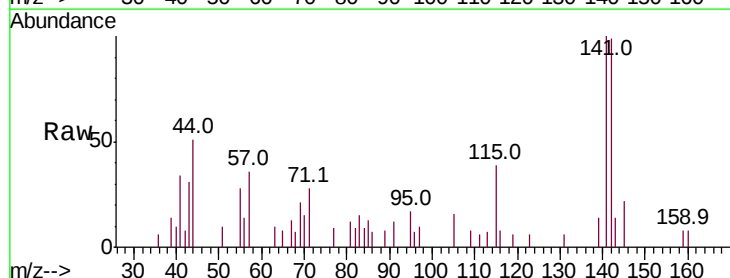
Tgt Ion:142 Resp: 4169

Ion Ratio Lower Upper

142 100

141 100.9 73.7 110.5

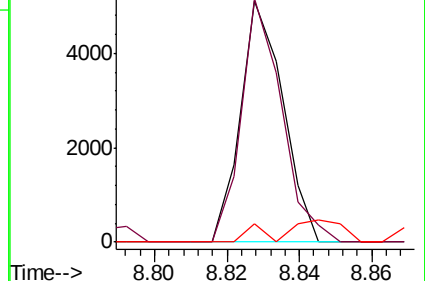
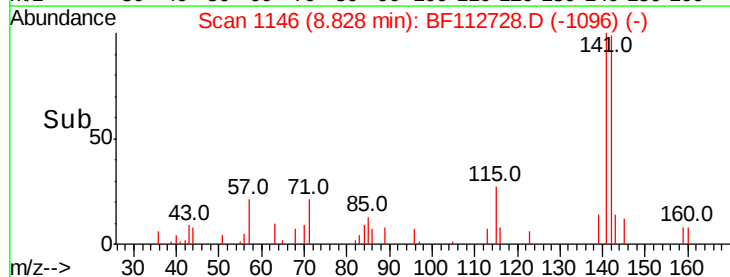
116 7.8 3.1 4.7#

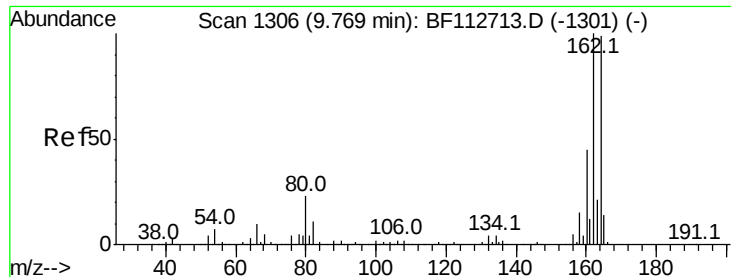


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

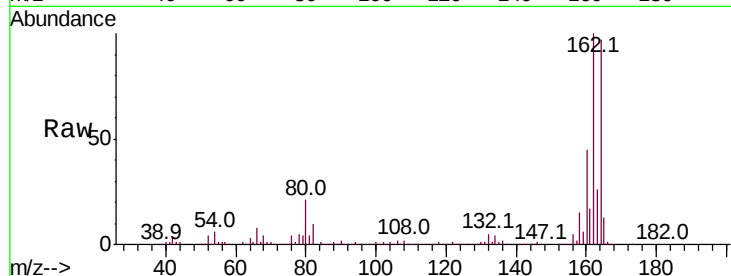




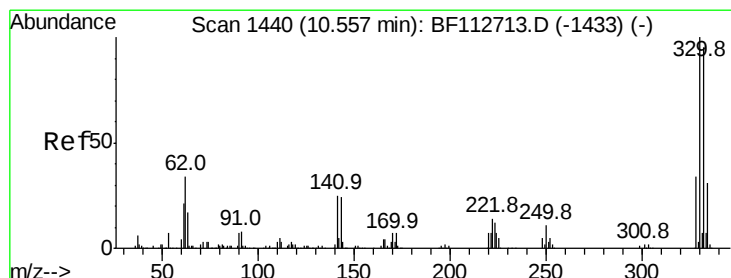
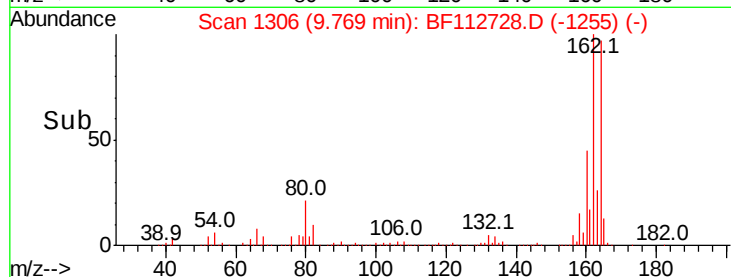
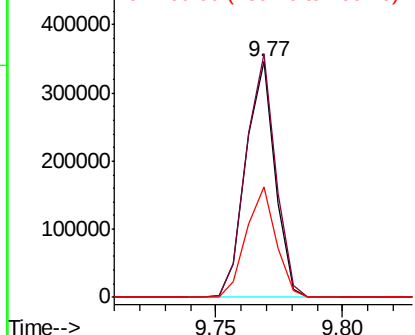
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tot Ion:164 Resp: 277594
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 47.0 36.0 54.0

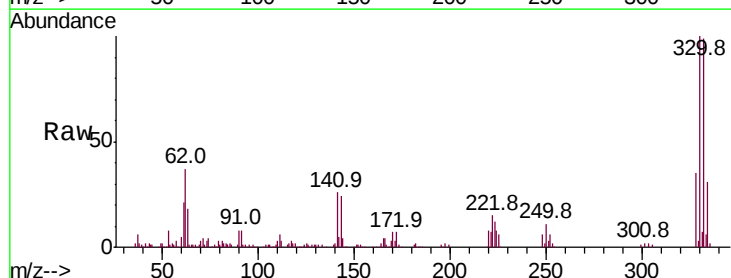


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

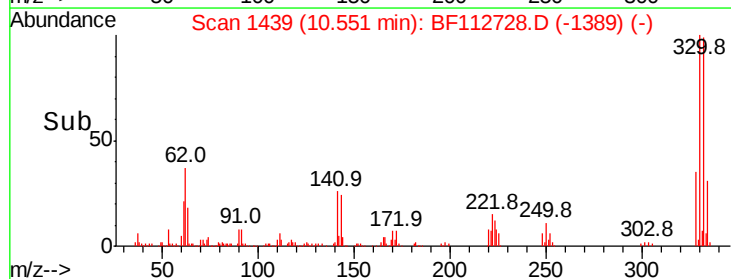
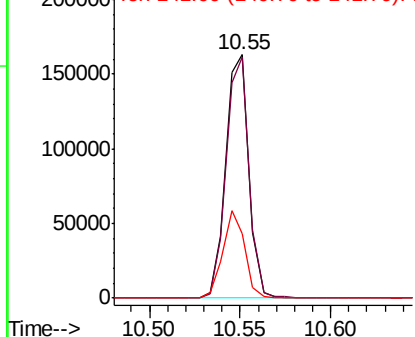


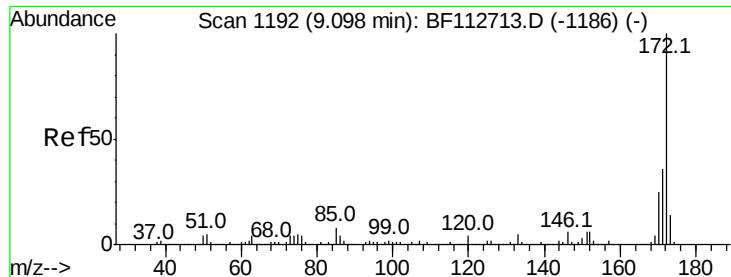
#42
2,4,6-Tribromophenol
Concen: 49.220 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:330 Resp: 145052
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 34.0 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

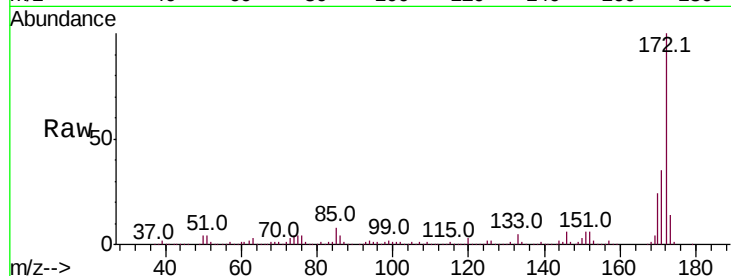




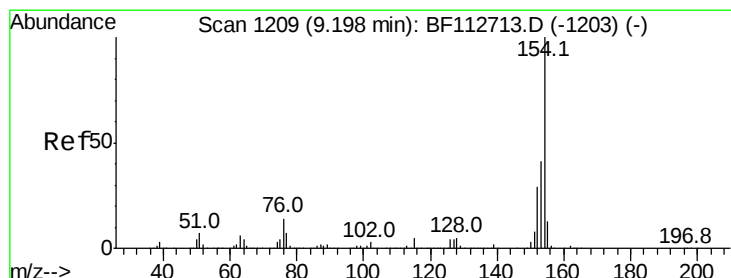
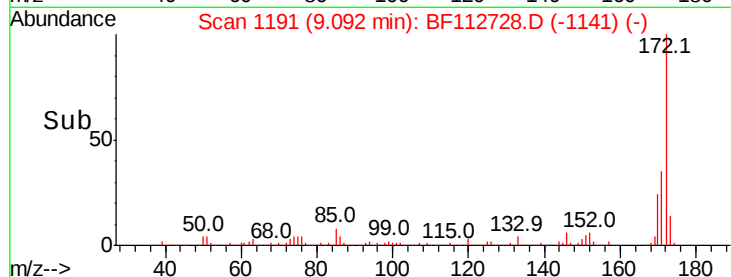
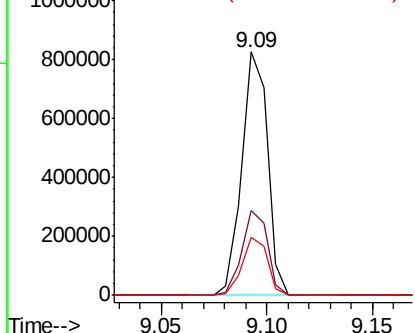
#45
 2-Fluorobiphenyl
 Concen: 35.511 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.8	20.0	30.0

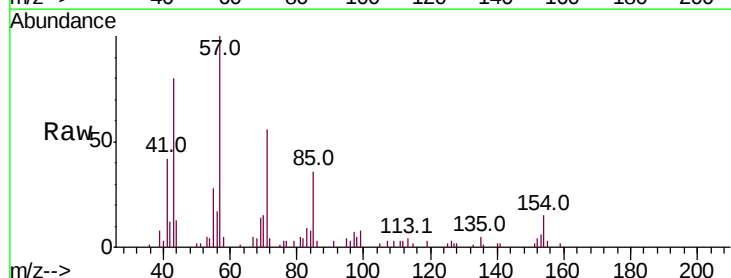


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

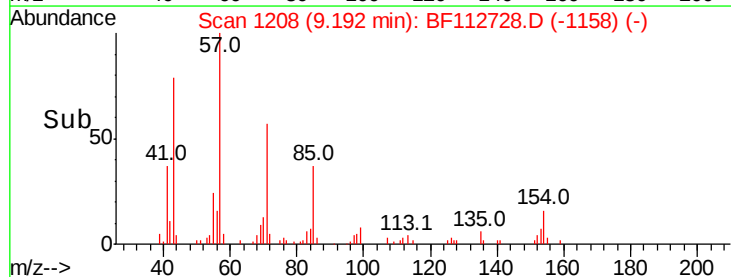
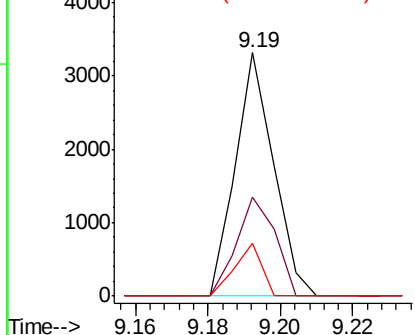


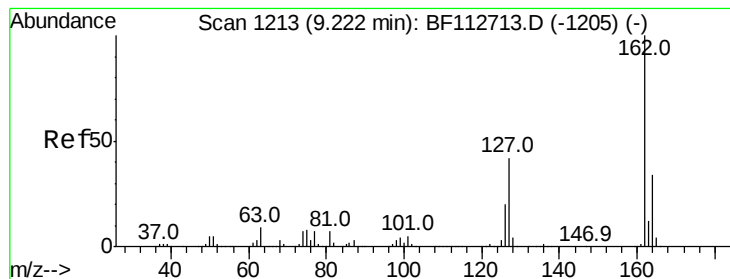
#46
 1,1'-Biphenyl
 Concen: 0.108 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	21.9	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: 0.009 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.14 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

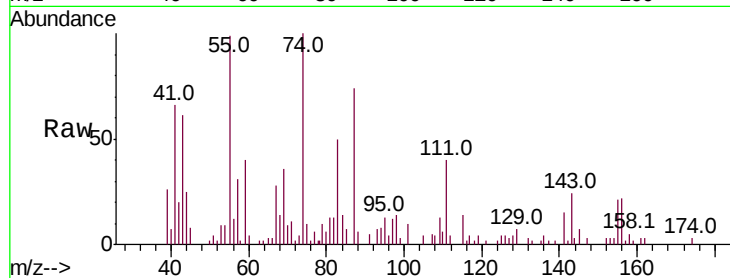
Tot Ion:162 Resp: 152

Ion Ratio Lower Upper

162 100

127 136.3 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

800

600

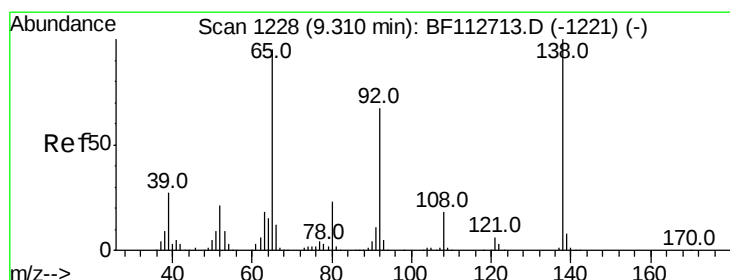
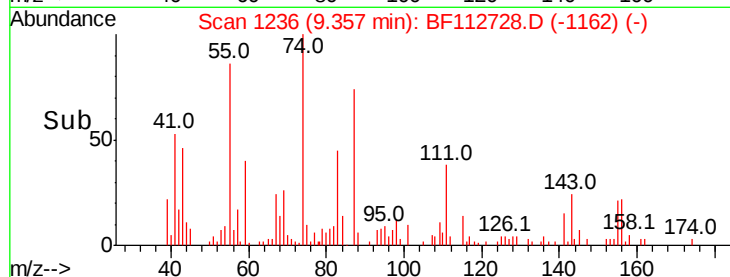
400

200

0

9.34 9.35 9.36 9.37

Time-->



#48

2-Nitroaniline

Concen: 0.092 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.04 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

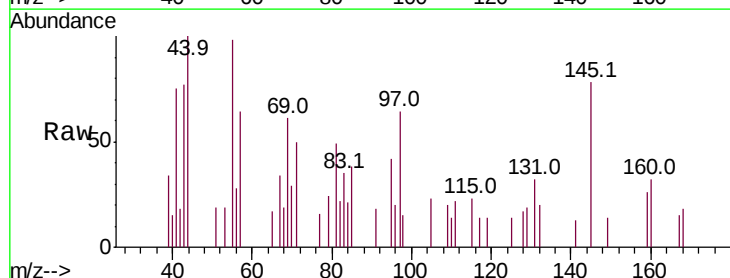
Tgt Ion: 65 Resp: 494

Ion Ratio Lower Upper

65 100

92 0.0 56.4 84.6#

138 0.0 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

500

400

300

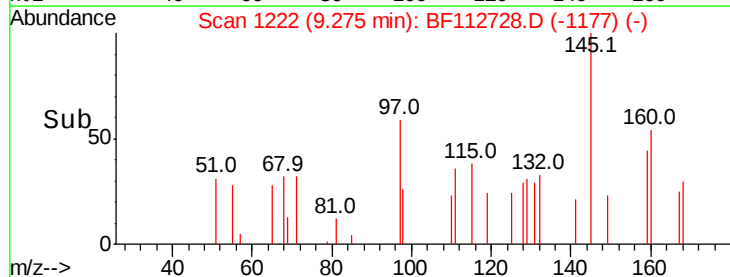
200

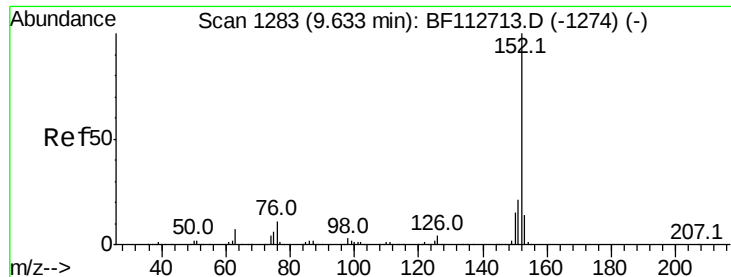
100

0

9.24 9.26 9.28 9.30

Time-->





#49

Acenaphthylene

Concen: 0.567 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

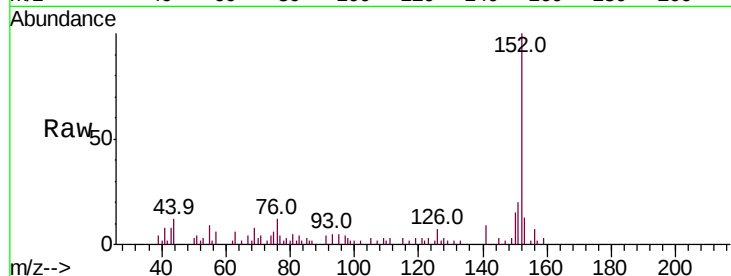
Tot Ion:152 Resp: 17017

Ion Ratio Lower Upper

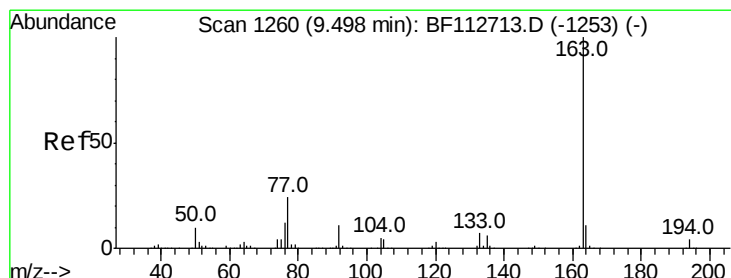
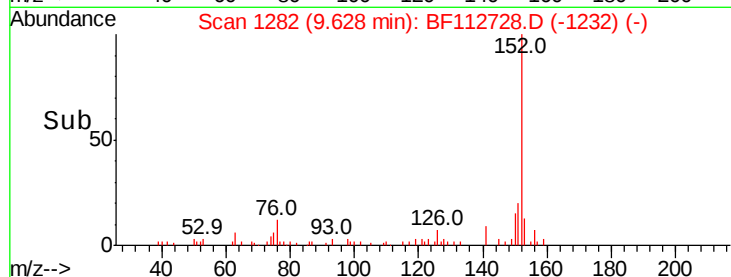
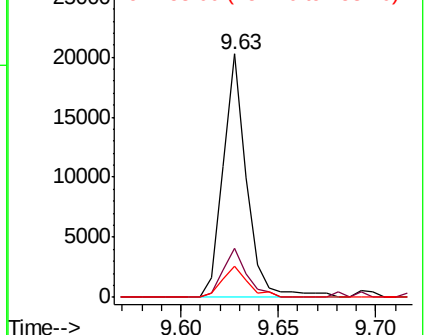
152 100

151 20.4 16.9 25.3

153 12.7 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: 2.261 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

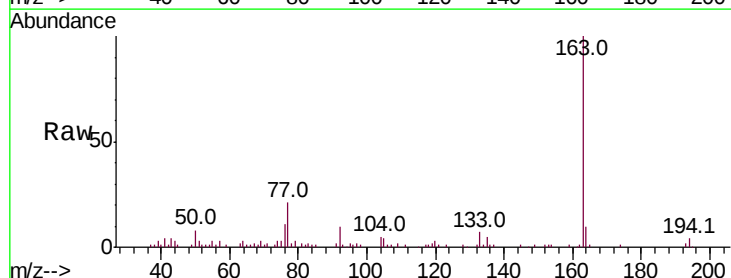
Tgt Ion:163 Resp: 46288

Ion Ratio Lower Upper

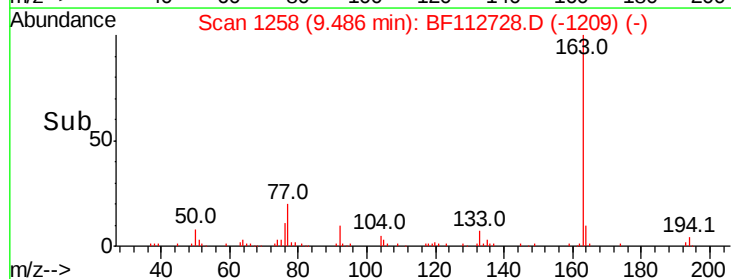
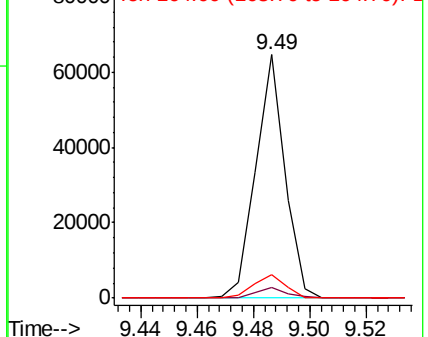
163 100

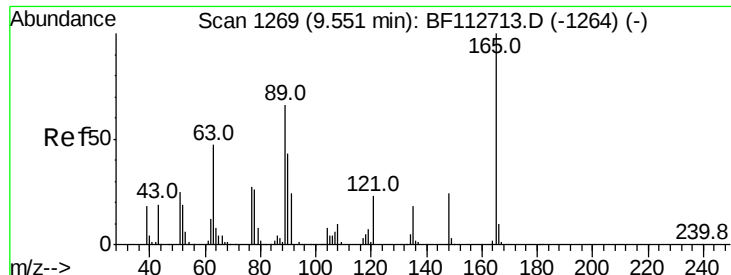
194 4.3 3.0 4.4

164 9.7 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

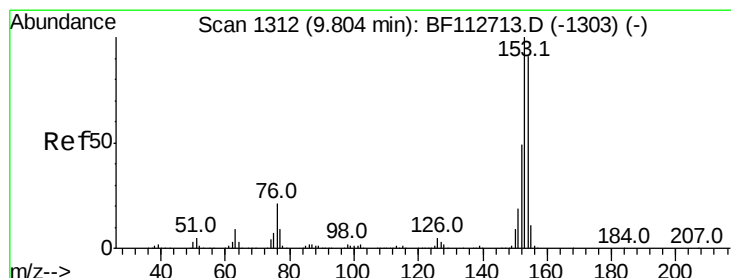
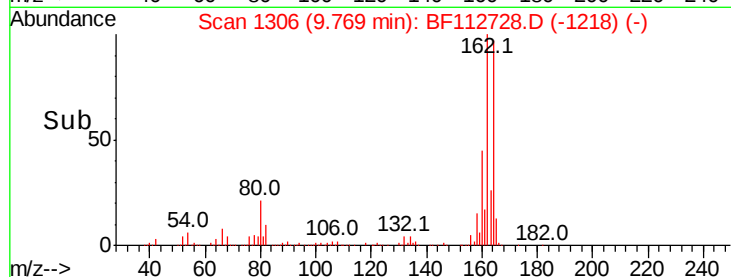
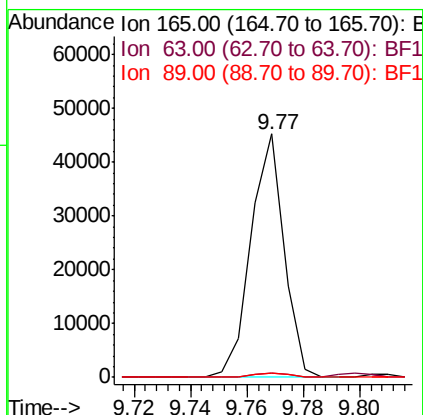
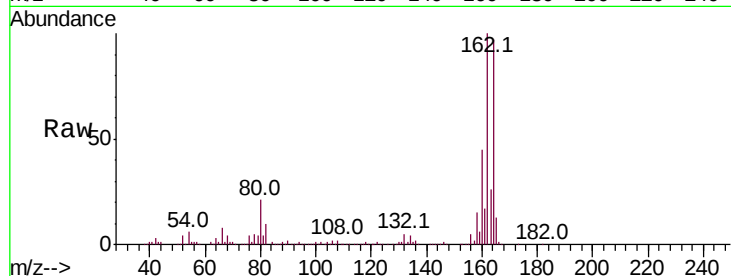




#51
 2,6-Dinitrotoluene
 Concen: 8.648 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

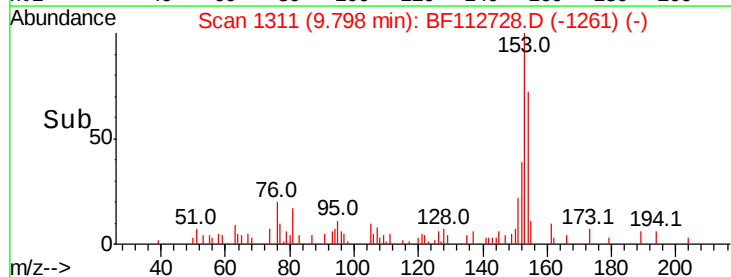
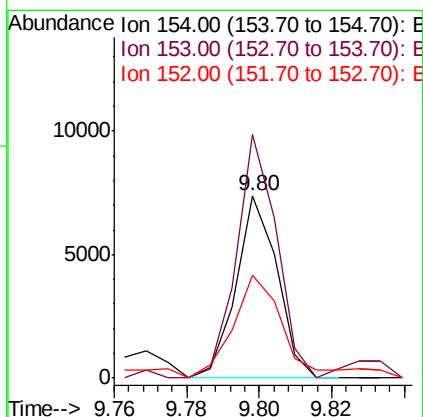
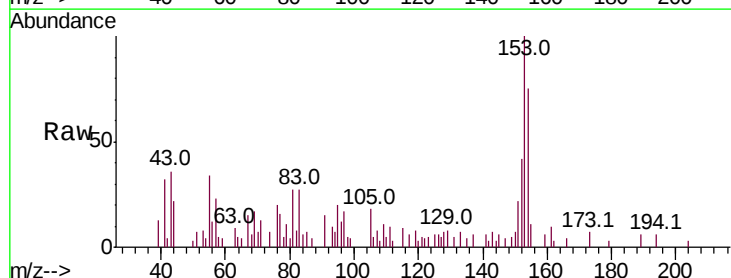
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-022619-D

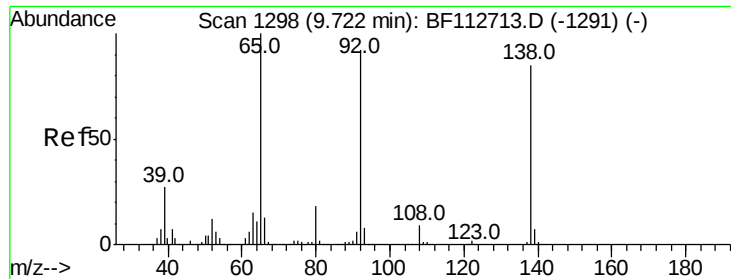
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.5	52.8	79.2#



#52
 Acenaphthene
 Concen: 0.335 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	133.6	87.8	131.8#
152	56.7	43.0	64.6

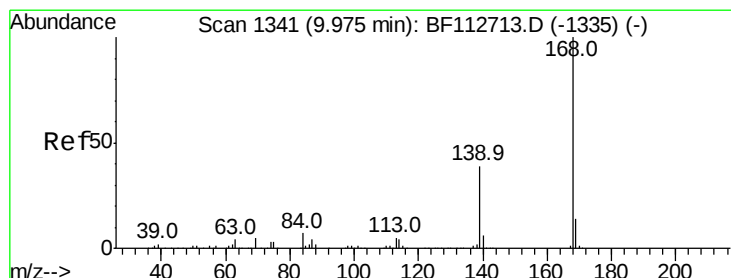
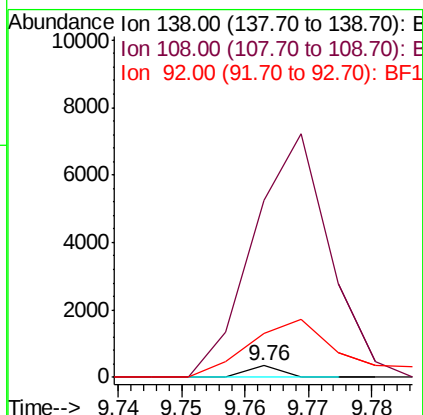
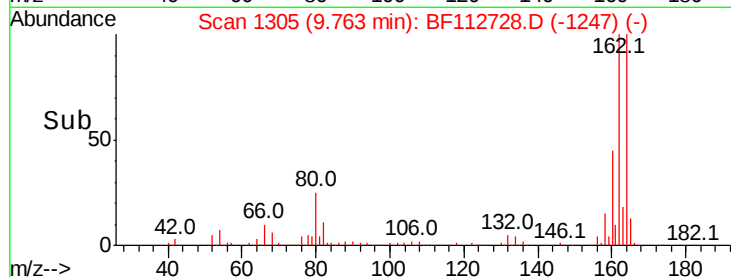
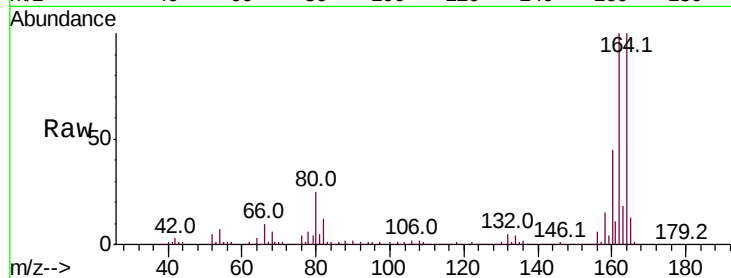




#53
3-Nitroaniline
Concen: 0.023 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.04 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

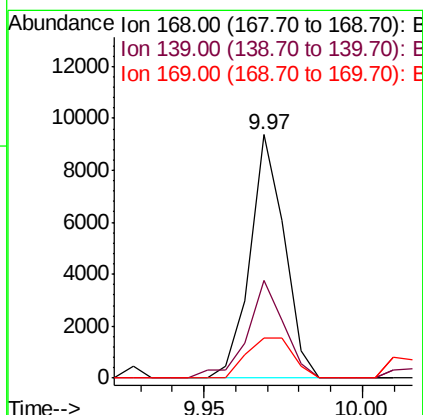
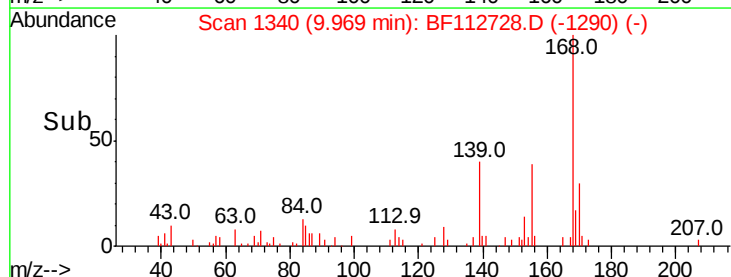
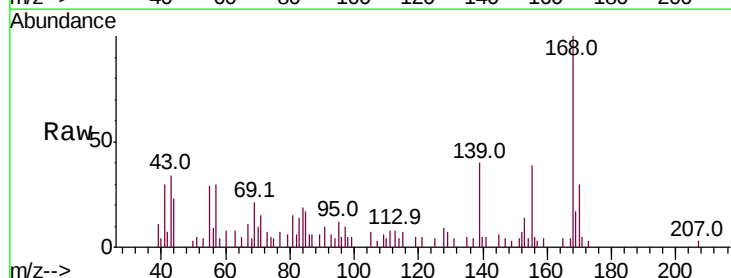
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

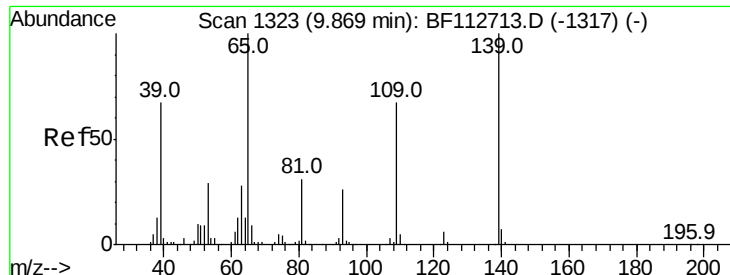
Tot Ion:138 Resp: 120
Ion Ratio Lower Upper
138 100
108 1547.6 8.6 13.0#
92 384.7 86.6 129.8#



#55
Dibenzofuran
Concen: 0.276 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:168 Resp: 7049
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 16.7 11.3 16.9

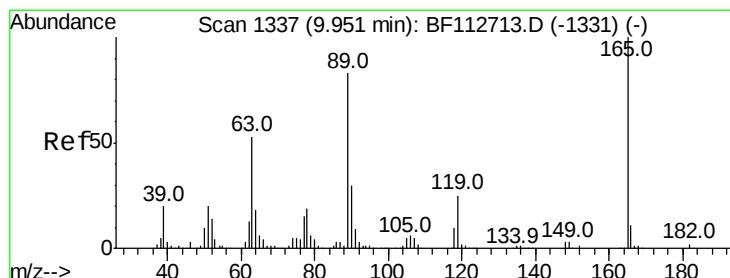
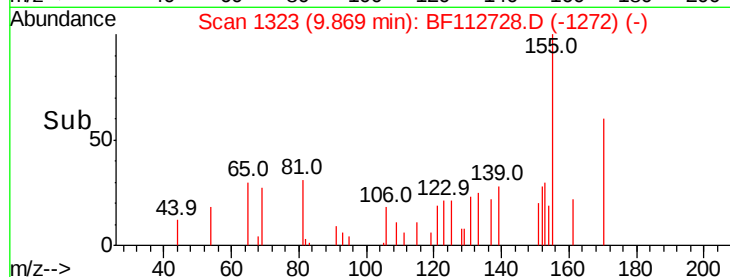
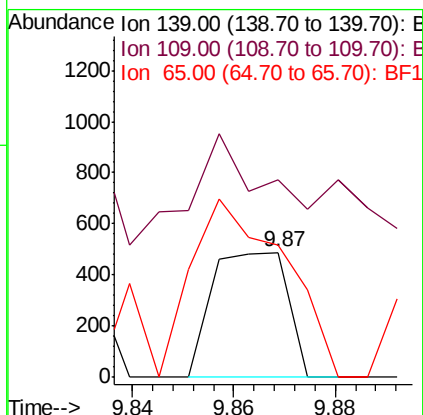
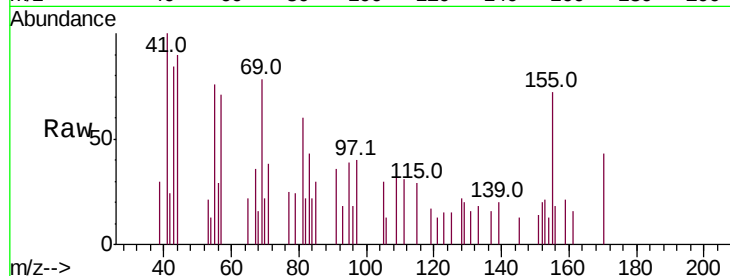




#56
4-Nitrophenol
Concen: 0.120 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

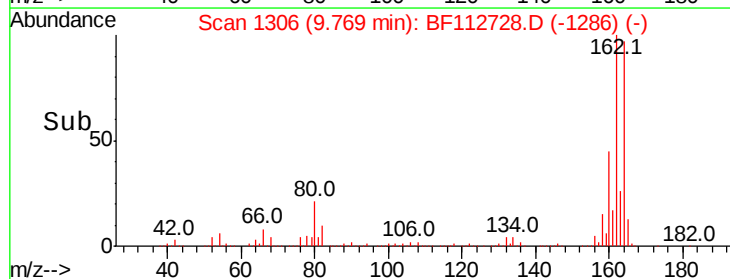
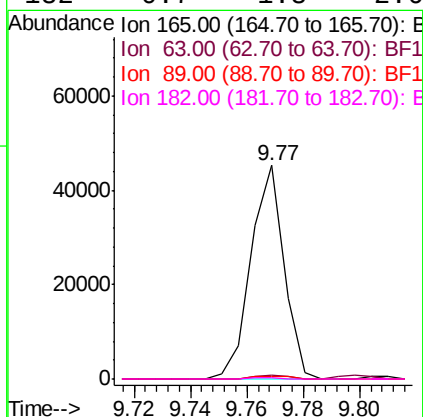
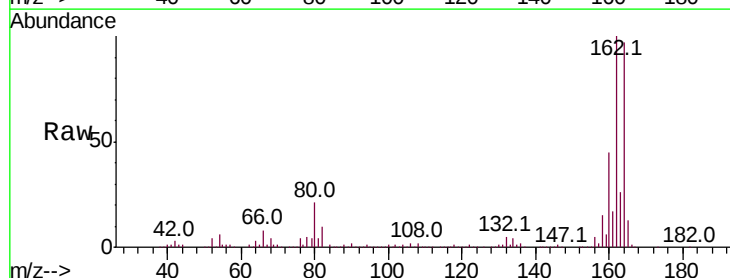
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

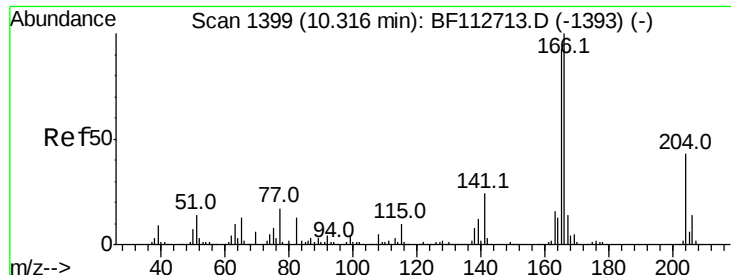
Tot Ion:139 Resp: 506
Ion Ratio Lower Upper
139 100
109 158.7 46.8 86.8#
65 106.6 80.7 120.7



#57
2,4-Dinitrotoluene
Concen: 6.957 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:165 Resp: 36860
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.5 66.2 99.4#
182 0.7 1.8 2.6#





#58

Fluorene

Concen: 0.722 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

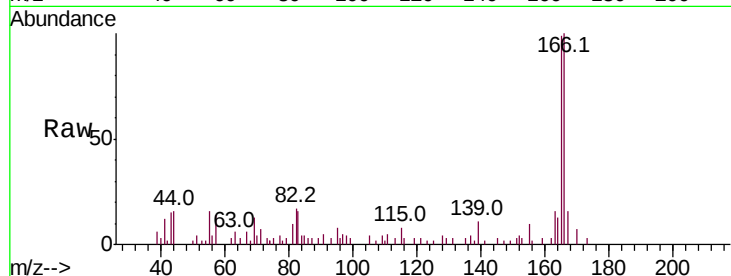
Tot Ion:166 Resp: 13079

Ion Ratio Lower Upper

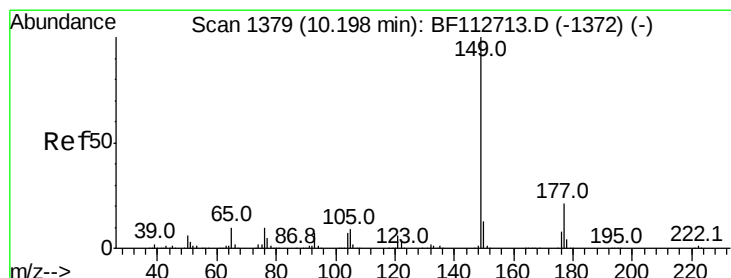
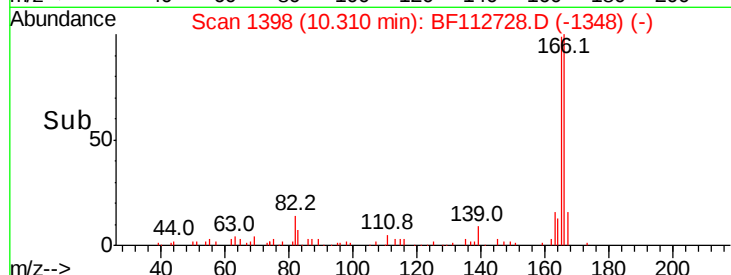
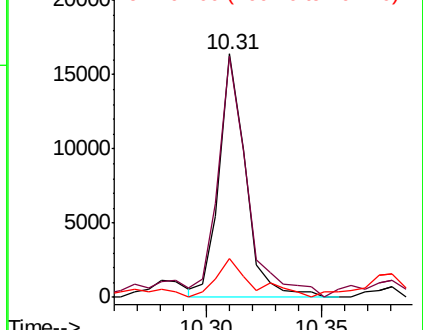
166 100

165 98.9 74.7 112.1

167 16.0 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: 0.052 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

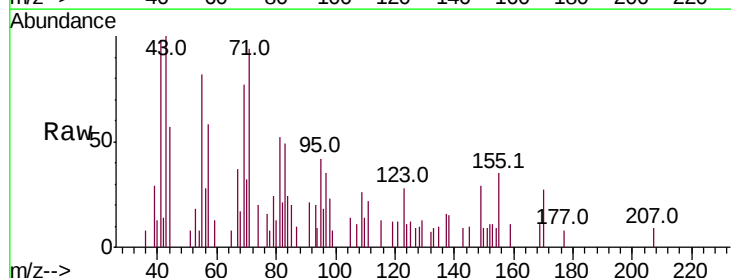
Tgt Ion:149 Resp: 1131

Ion Ratio Lower Upper

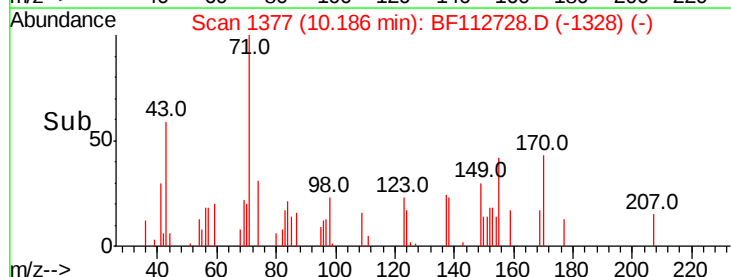
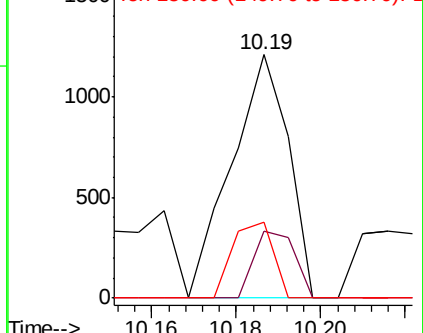
149 100

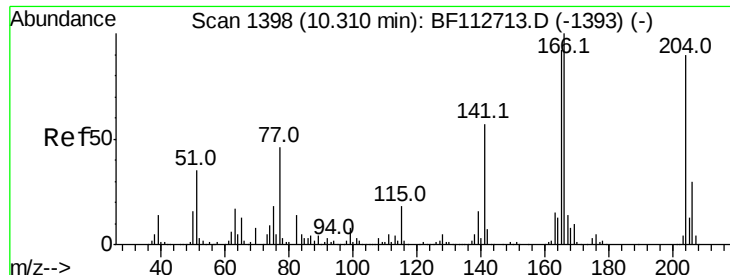
177 27.4 17.0 25.6#

150 31.0 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

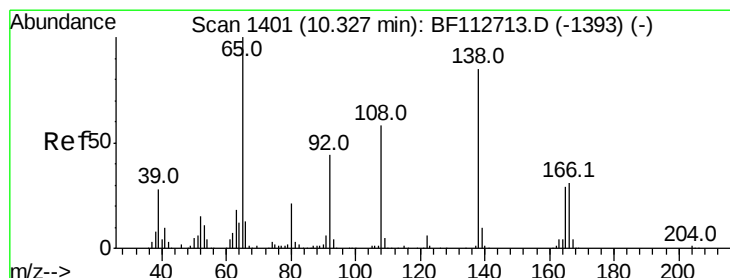
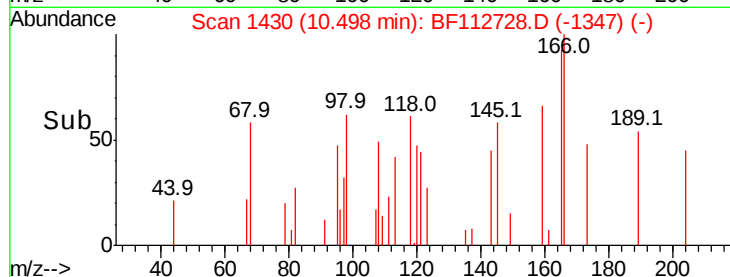
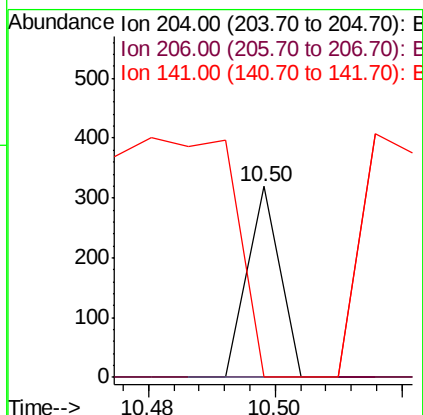
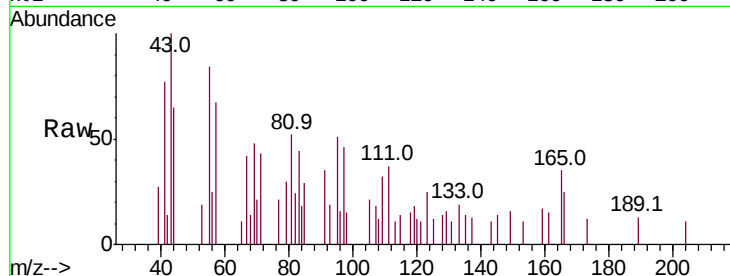




#61
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.19 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

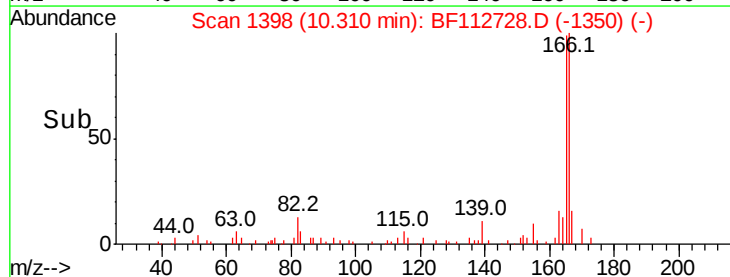
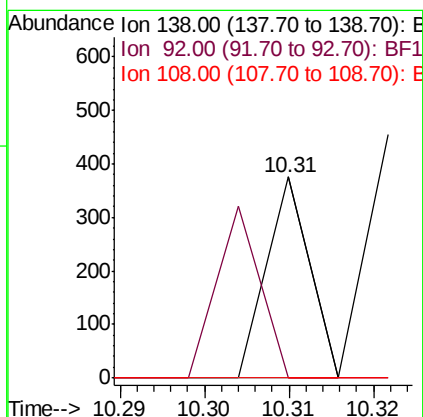
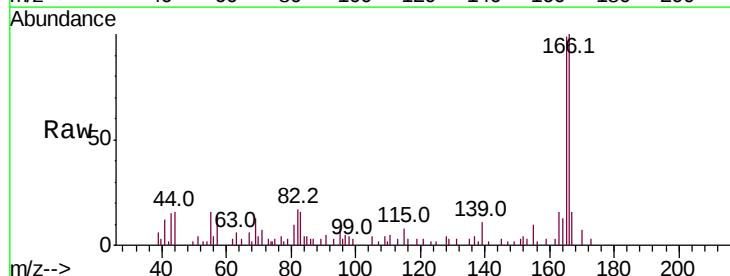
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

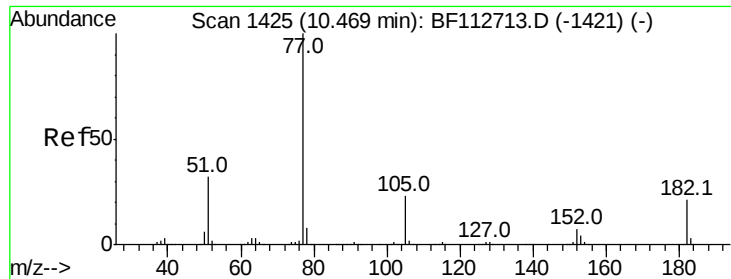
Tot Ion:204 Resp: 113
Ion Ratio Lower Upper
204 100
206 0.0 26.6 40.0#
141 0.0 50.8 76.2#



#62
4-Nitroaniline
Concen: 0.028 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:138 Resp: 132
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 0.0 48.1 88.1#

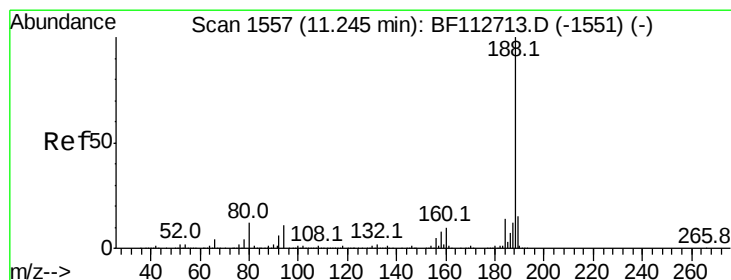
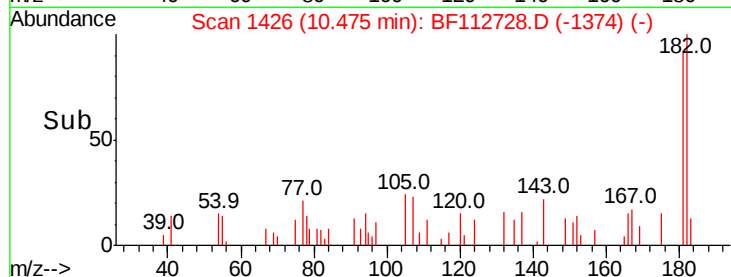
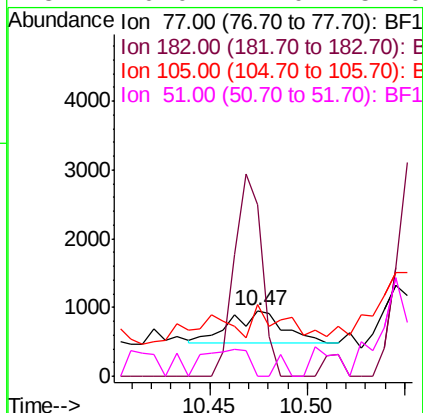
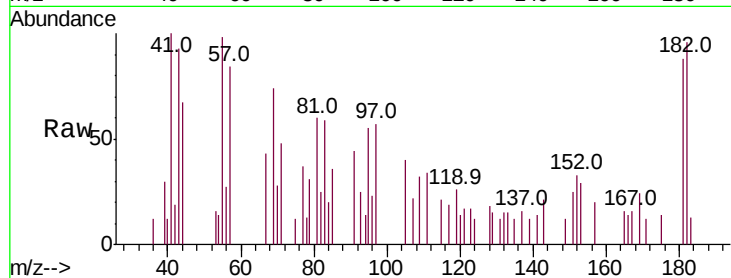




#63
Azobenzene
Concen: 0.041 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

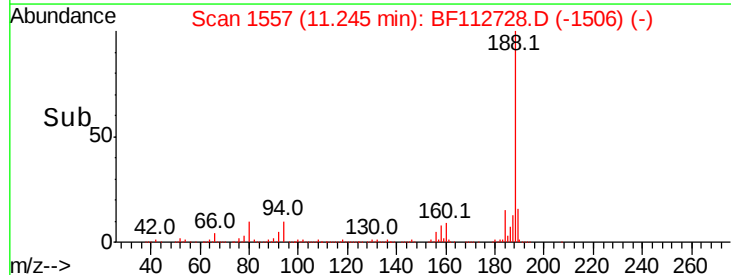
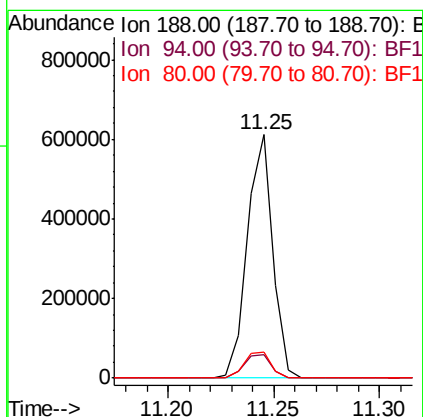
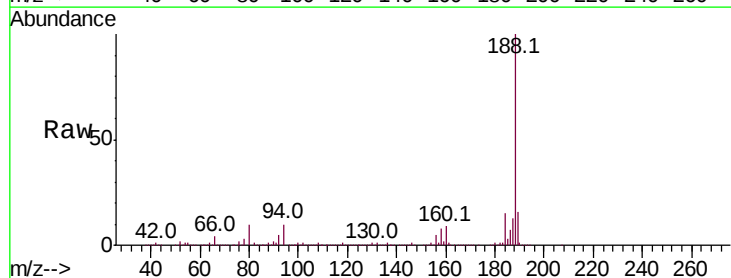
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

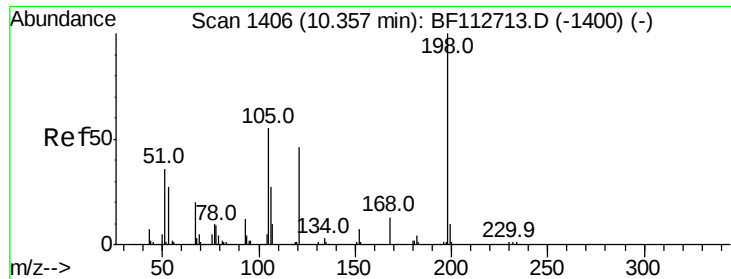
Tot Ion: 77 Resp: 912
Ion Ratio Lower Upper
77 100
182 261.6 1.4 41.4#
105 108.8 2.6 42.6#
51 0.0 12.0 52.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 188 Resp: 510152
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.4 9.2 13.8

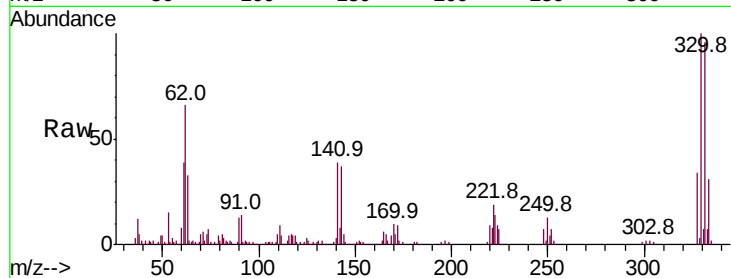




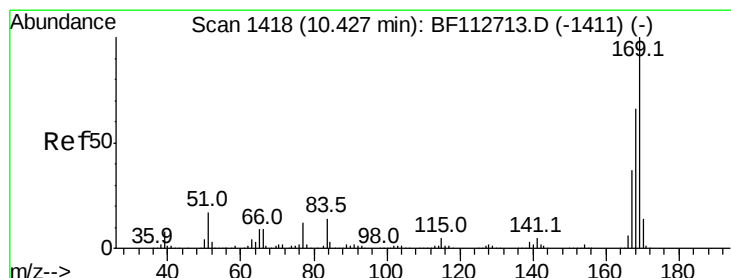
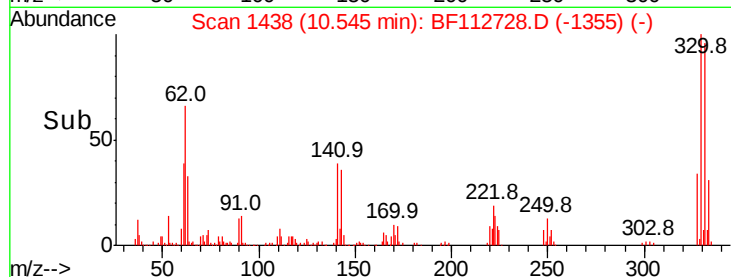
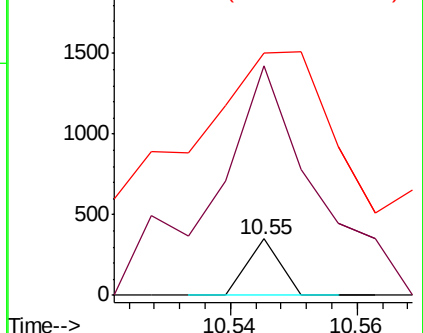
#65
4,6-Dinitro-2-methylphenol
Concen: 4.666 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tot Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 408.0 43.8 83.8#
105 429.4 36.5 76.5#

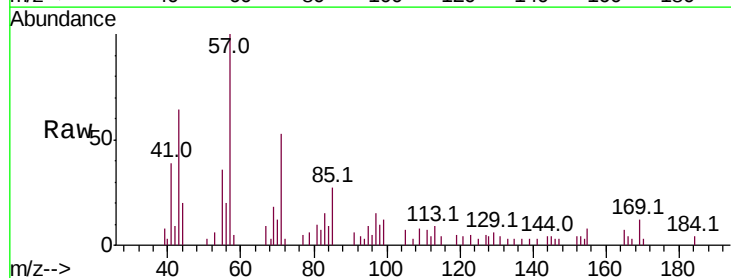


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

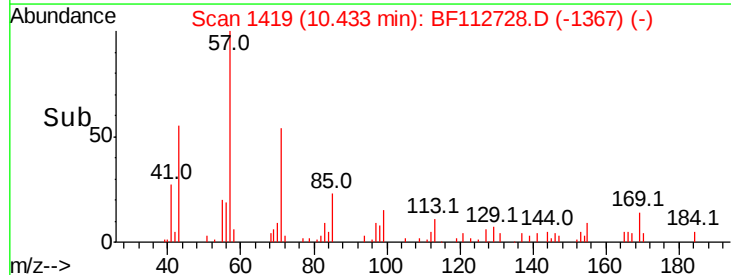
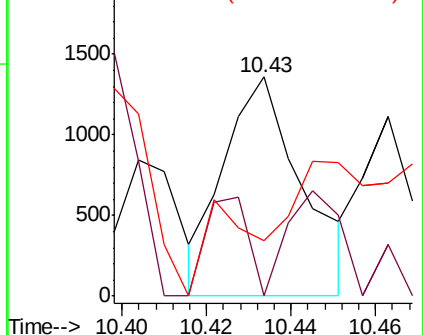


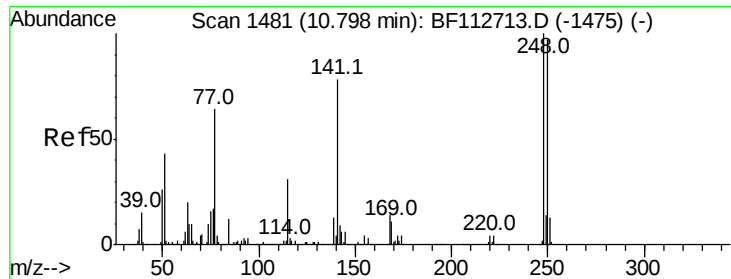
#66
n-Nitrosodiphenylamine
Concen: 0.107 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:169 Resp: 1749
Ion Ratio Lower Upper
169 100
168 0.0 53.0 79.6#
167 25.3 29.3 43.9#



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

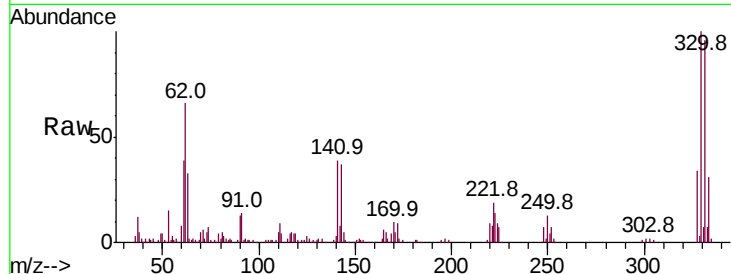




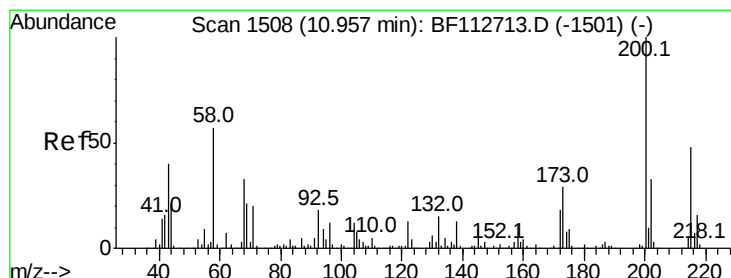
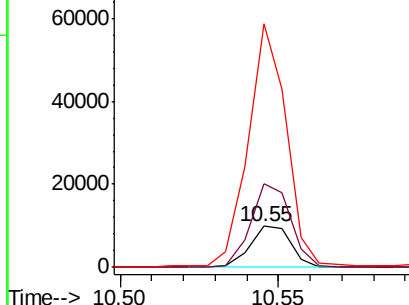
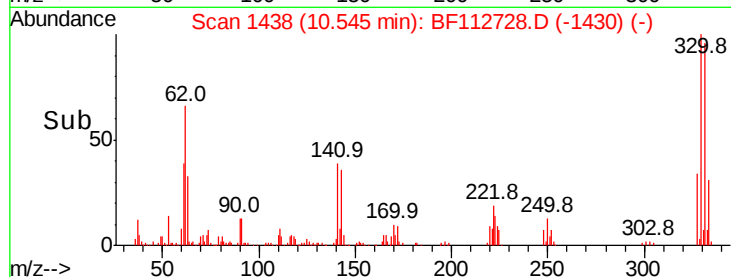
#67
 4-Bromophenyl-phenylether
 Concen: 1.660 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

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

Tot Ion:248 Resp: 8918
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.5 116.3#
 141 589.2 62.4 93.6#

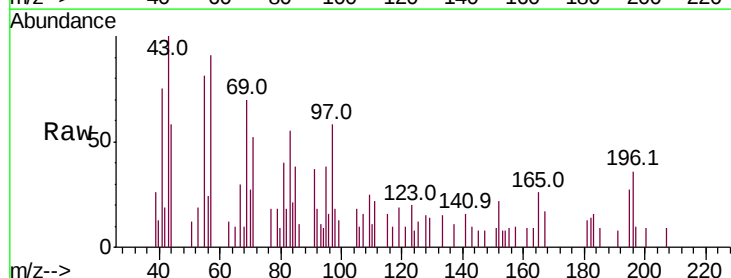


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

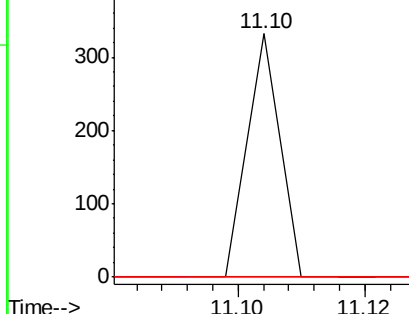
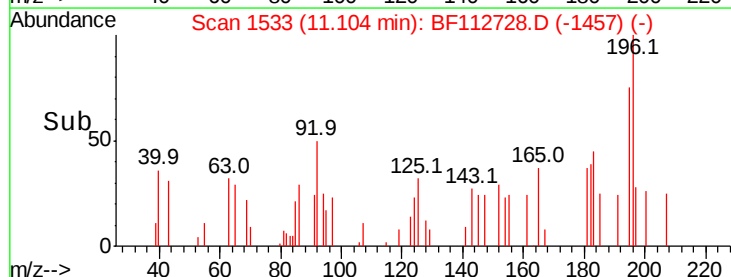


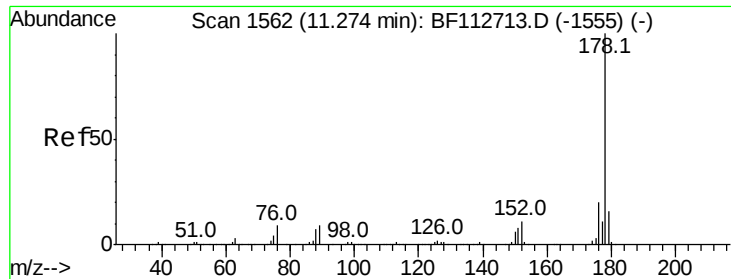
#69
 Atrazine
 Concen: 0.023 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.15 min
 Lab File: BF112728.D
 Acq: 27 Feb 2019 19:27

Tgt Ion:200 Resp: 117
 Ion Ratio Lower Upper
 200 100
 173 0.0 9.1 49.1#
 215 0.0 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

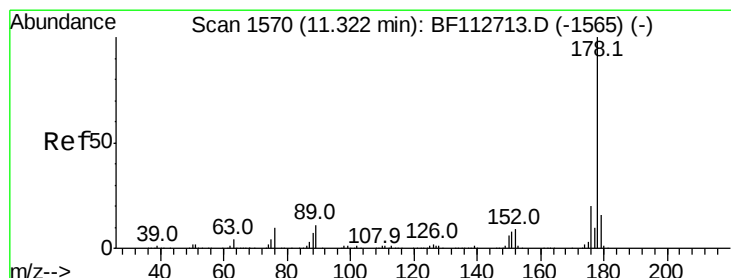
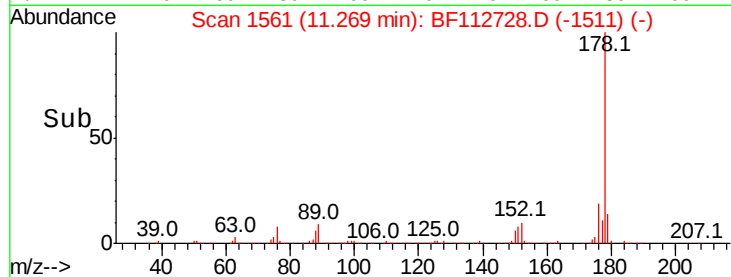
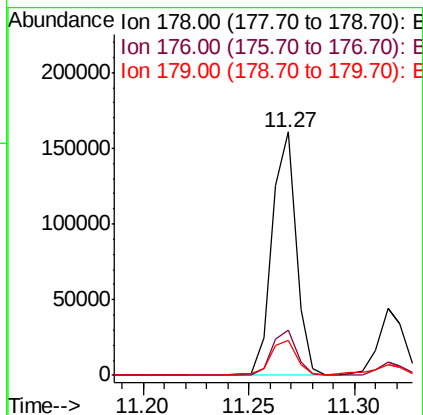
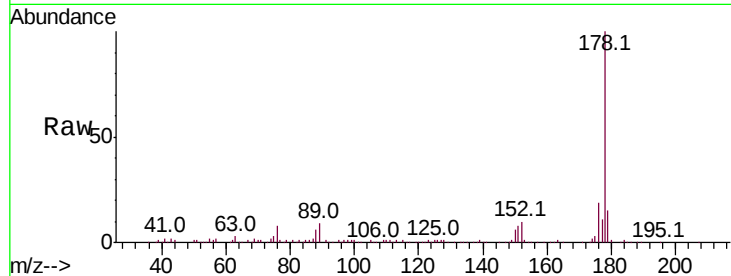




#71
Phenanthrene
Concen: 5.030 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

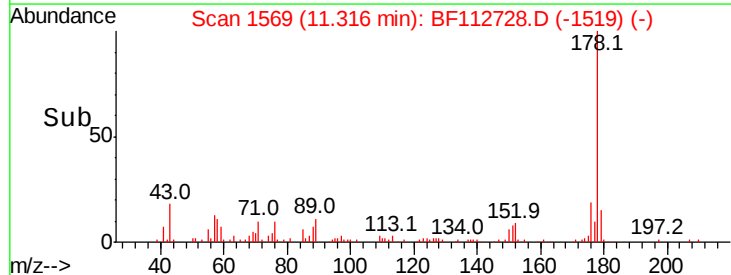
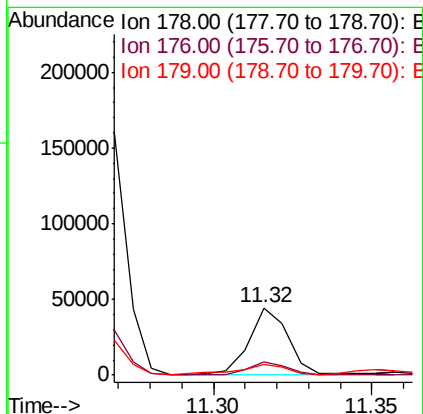
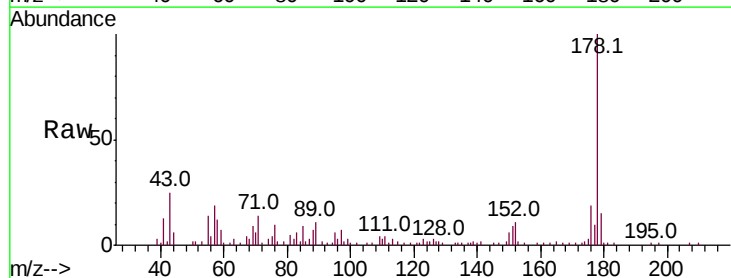
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

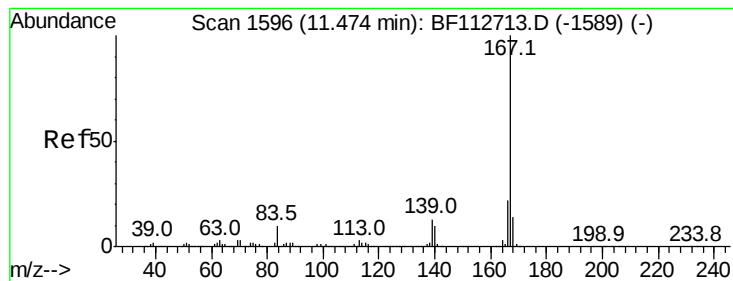
Tot Ion:178 Resp: 127672
Ion Ratio Lower Upper
178 100
176 18.6 16.3 24.5
179 14.5 12.7 19.1



#72
Anthracene
Concen: 1.386 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:178 Resp: 36824
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.2 13.0 19.6





#73

Carbazole

Concen: 0.473 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

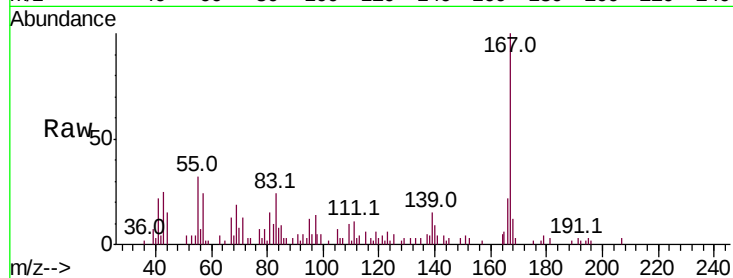
Tot Ion:167 Resp: 12255

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

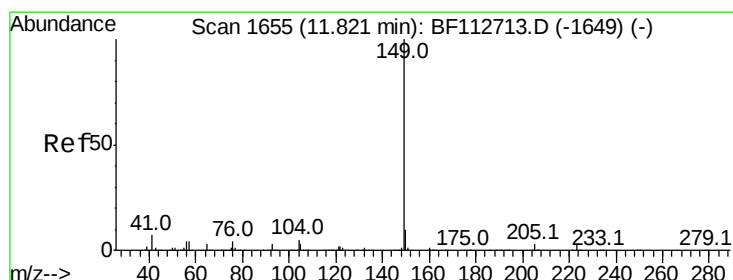
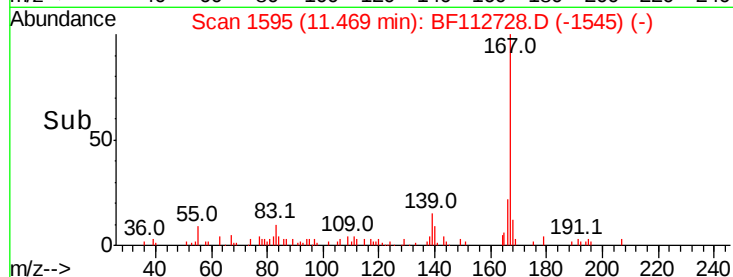
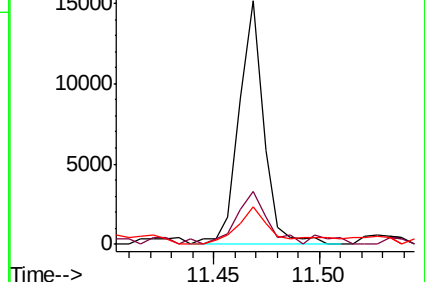
139 15.4 10.8 16.2



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: 0.229 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

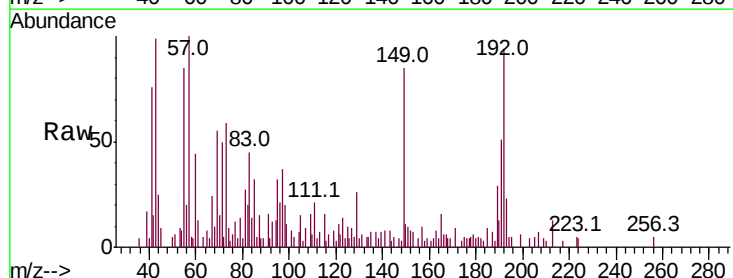
Tgt Ion:149 Resp: 7112

Ion Ratio Lower Upper

149 100

150 13.4 7.6 11.4#

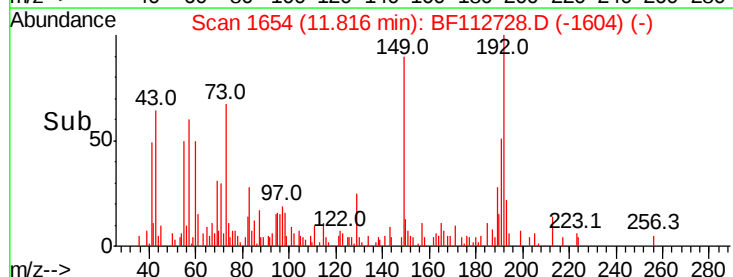
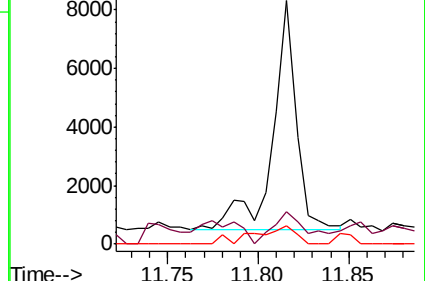
104 7.8 3.7 5.5#

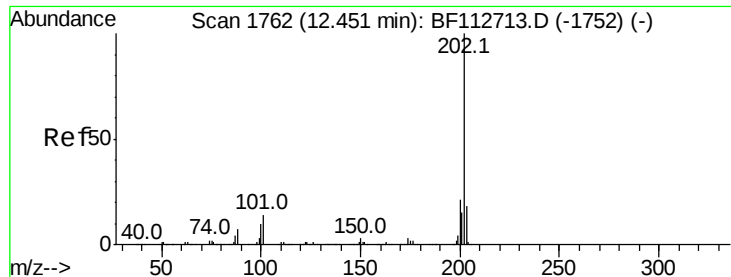


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.623 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

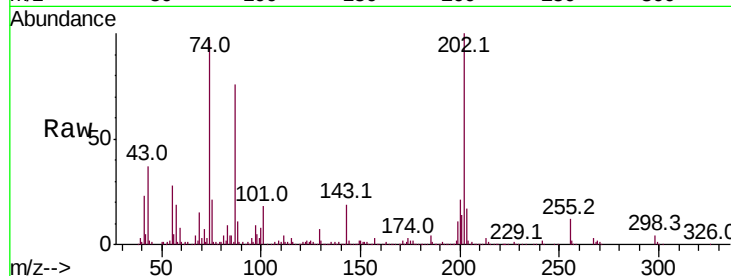
Tot Ion:202 Resp: 234492

Ion Ratio Lower Upper

202 100

101 18.1 0.0 33.8

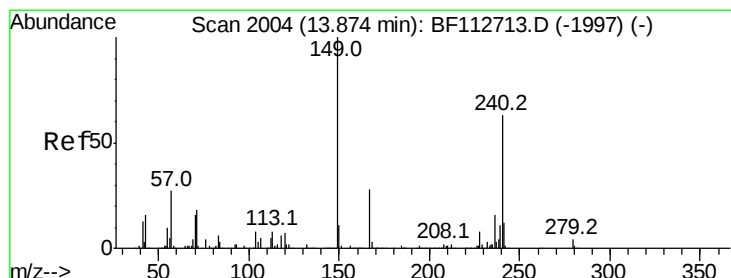
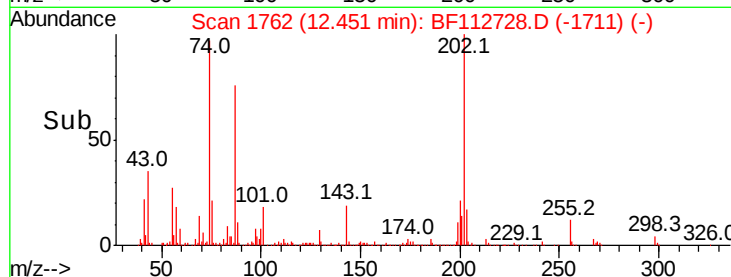
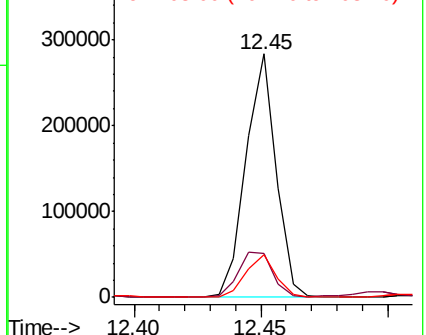
203 17.4 0.0 38.4



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: BF112728.D

Acq: 27 Feb 2019 19:27

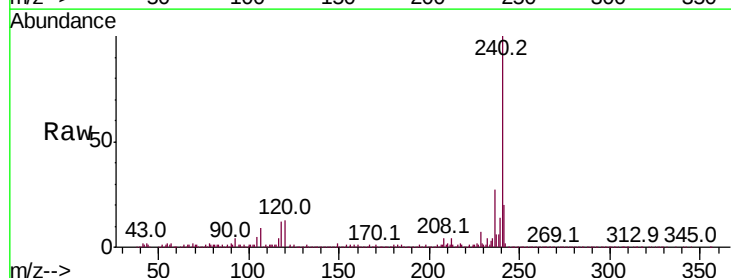
Tgt Ion:240 Resp: 517742

Ion Ratio Lower Upper

240 100

120 13.2 8.9 13.3

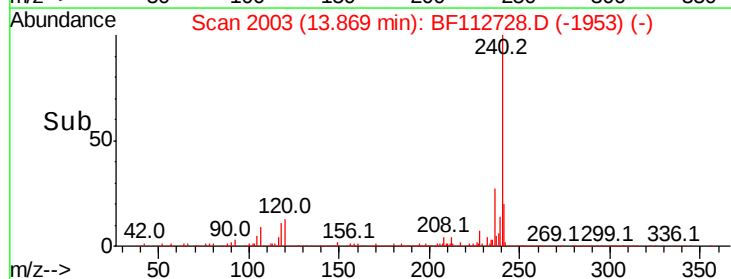
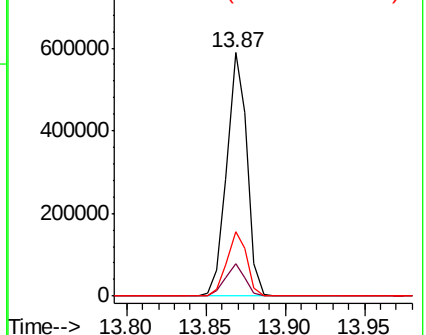
236 26.6 20.7 31.1

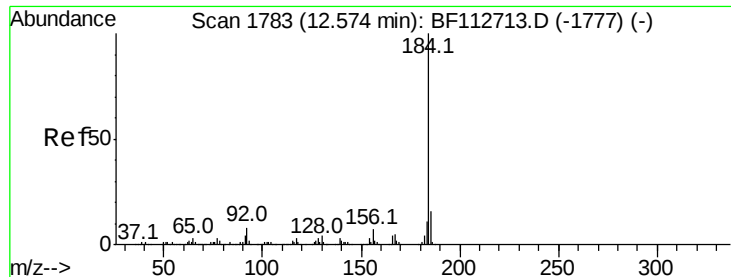


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.015 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

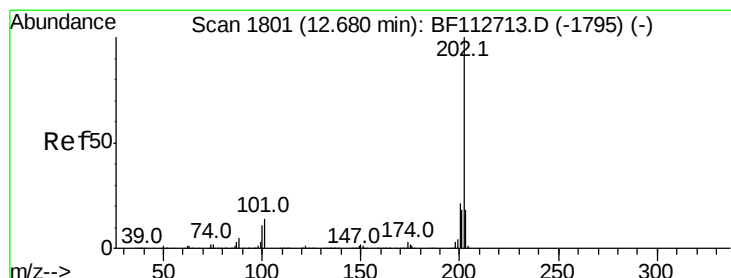
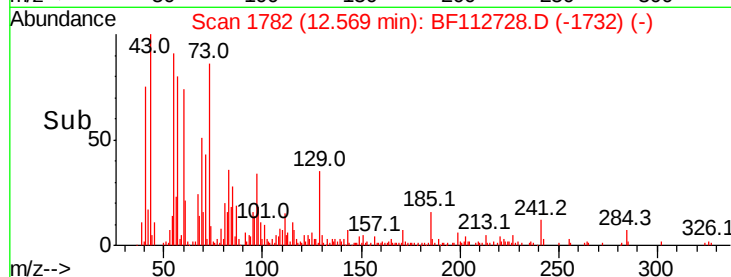
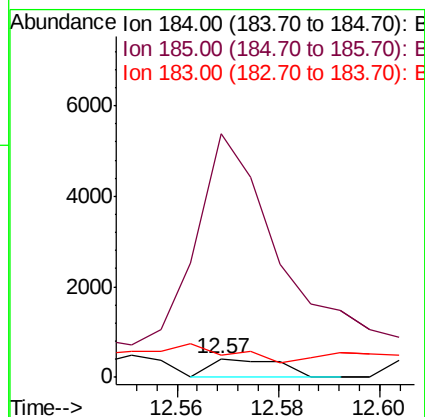
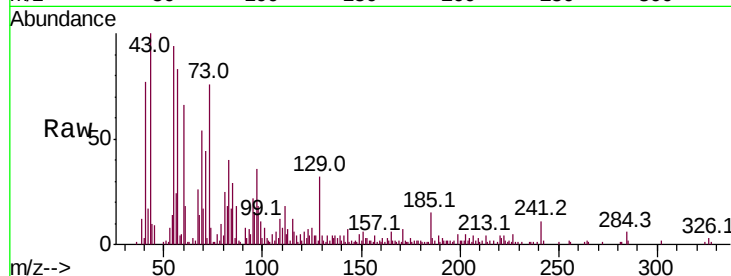
Tot Ion:184 Resp: 395

Ion Ratio Lower Upper

184 100

185 1321.6 12.6 18.8#

183 119.4 8.6 12.8#



#78

Pyrene

Concen: 5.652 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

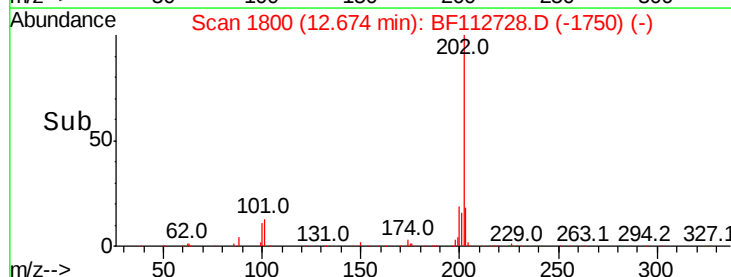
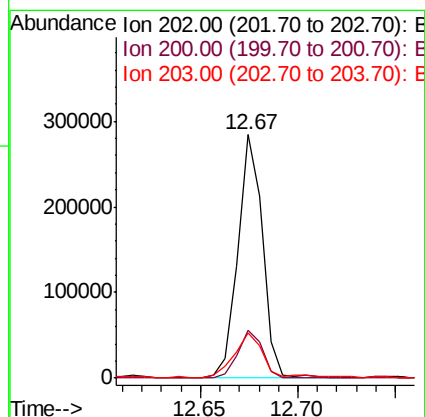
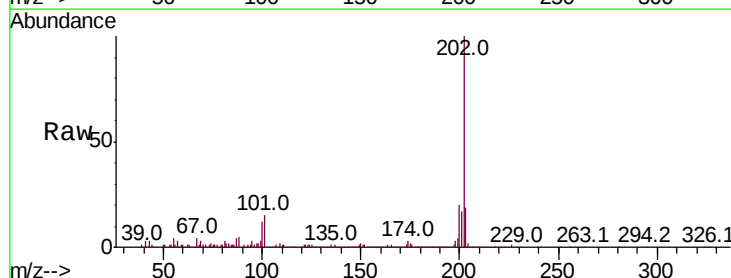
Tgt Ion:202 Resp: 246684

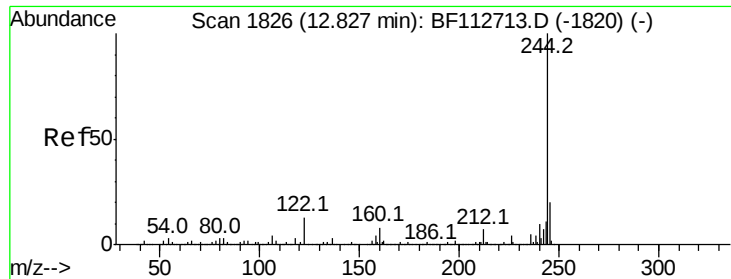
Ion Ratio Lower Upper

202 100

200 19.5 17.0 25.4

203 18.8 14.4 21.6





#79

Terphenyl-d14

Concen: 26.080 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

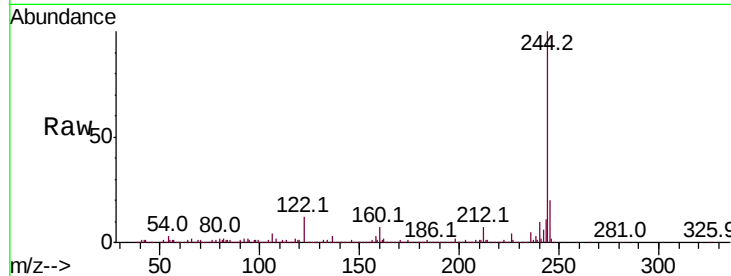
Tot Ion:244 Resp: 696560

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

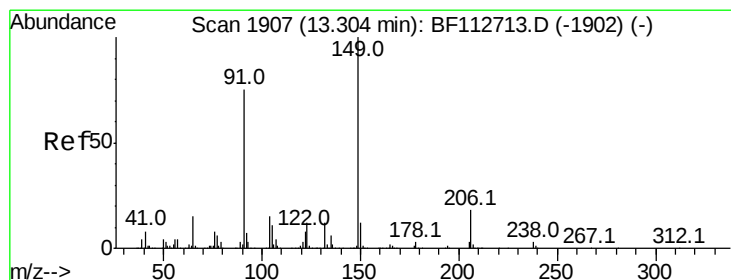
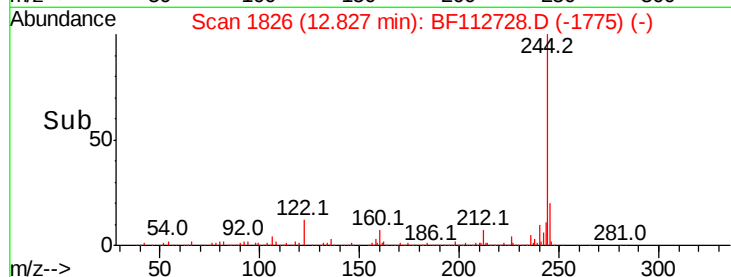
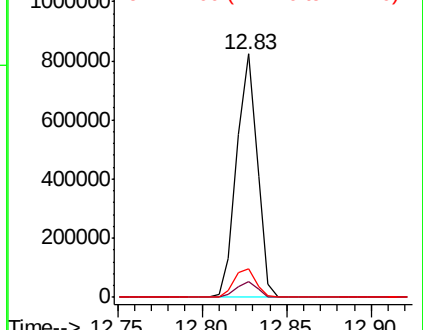
122 11.9 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.041 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

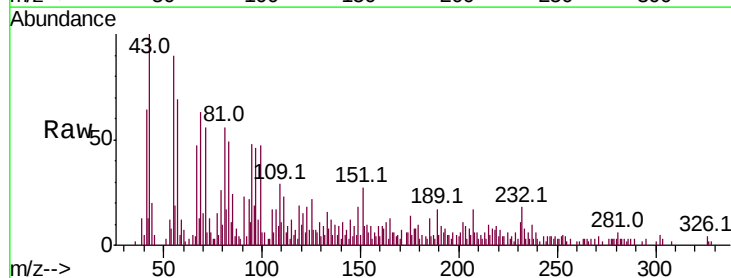
Tgt Ion:149 Resp: 792

Ion Ratio Lower Upper

149 100

91 131.8 59.9 89.9#

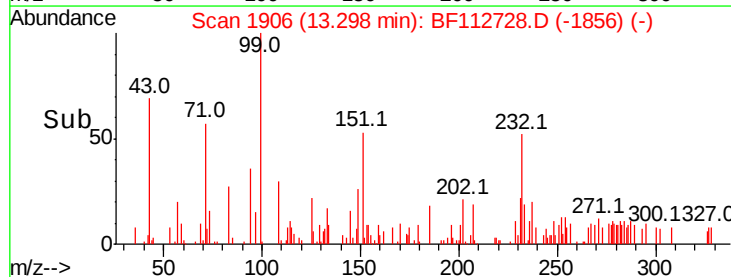
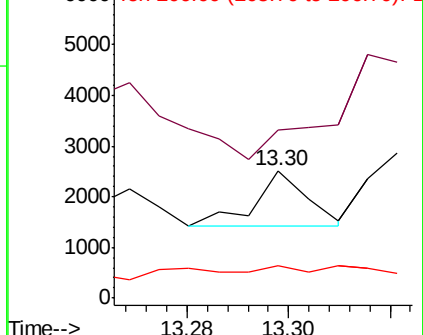
206 26.0 14.7 22.1#

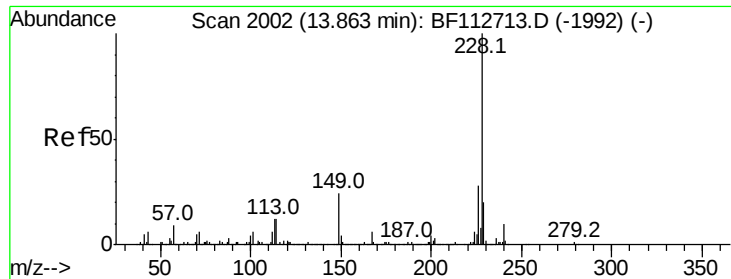


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

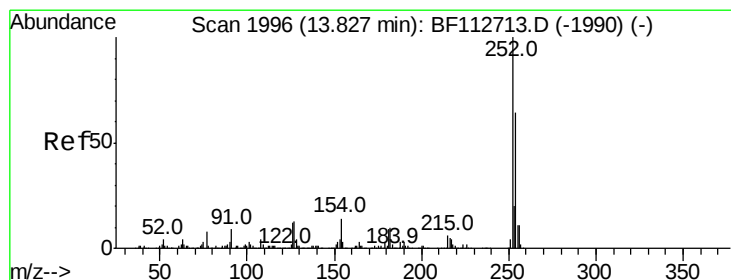
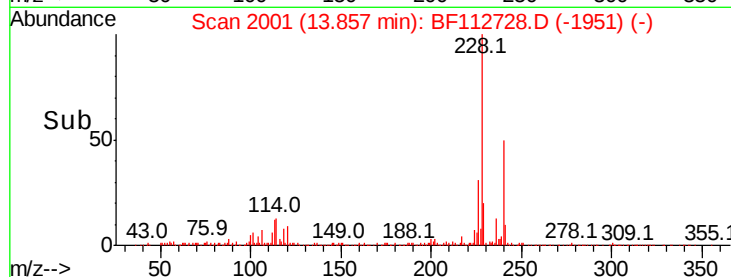
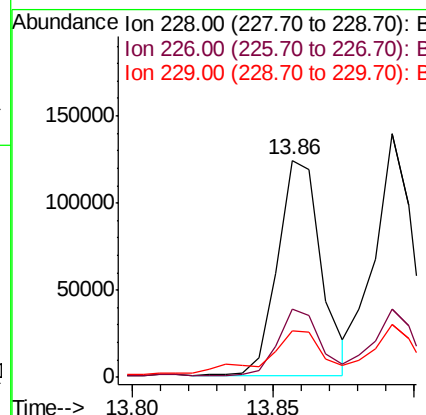
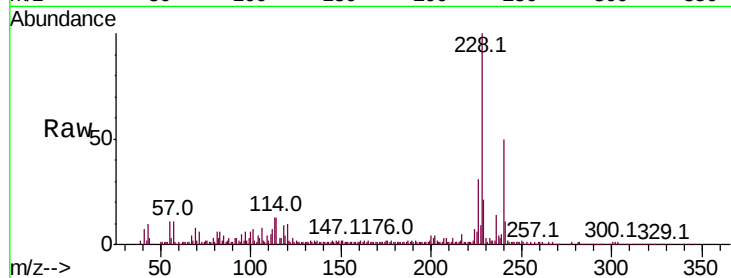




#81
Benzo(a)anthracene
Concen: 3.702 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

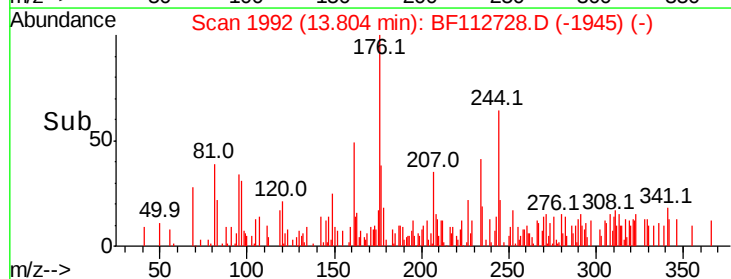
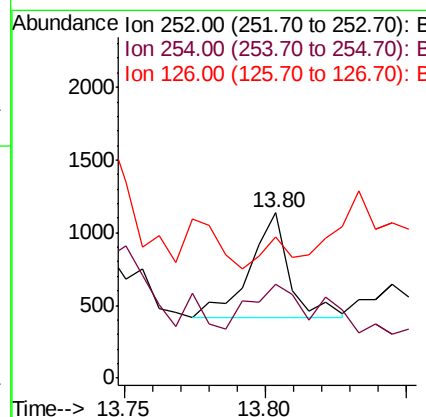
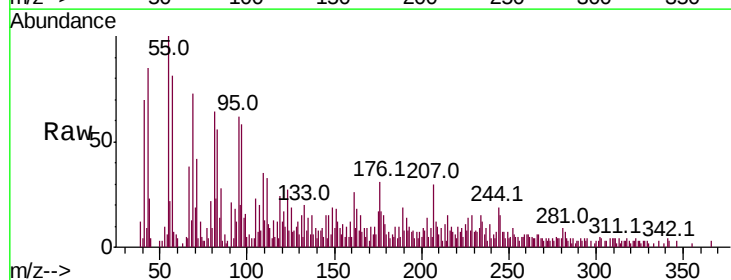
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

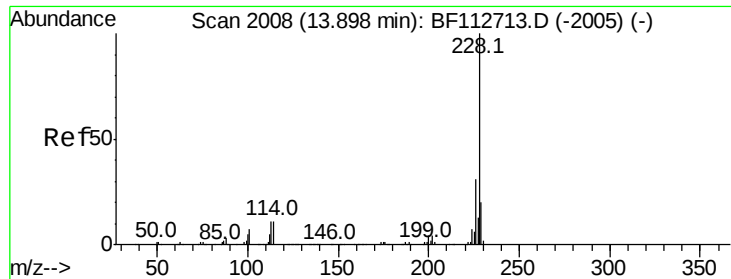
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.4
229	21.3	16.0	24.0



#82
3,3'-Dichlorobenzidine
Concen: 0.052 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.8	51.1	76.7
126	85.6	9.9	14.9#





#83

Chrysene

Concen: 3.682 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

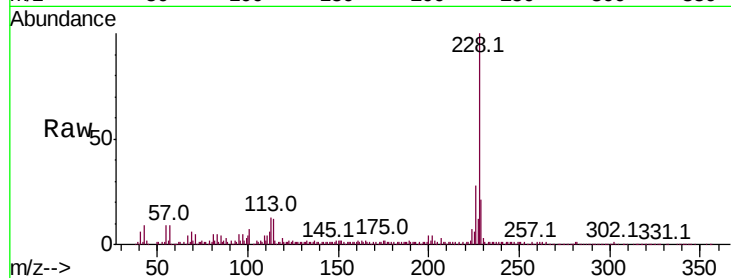
Tot Ion:228 Resp: 129414

Ion Ratio Lower Upper

228 100

226 27.8 24.9 37.3

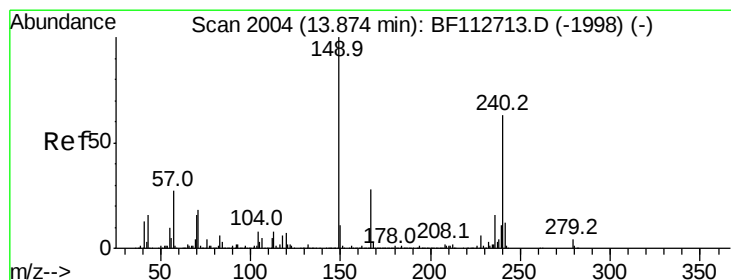
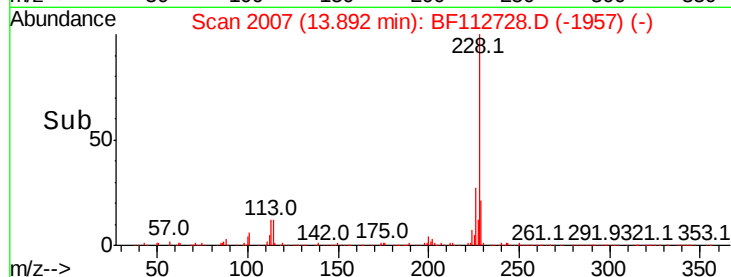
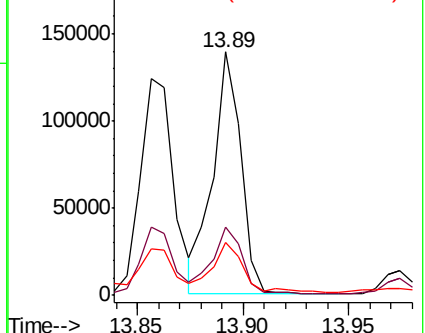
229 21.5 16.3 24.5



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: 0.485 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

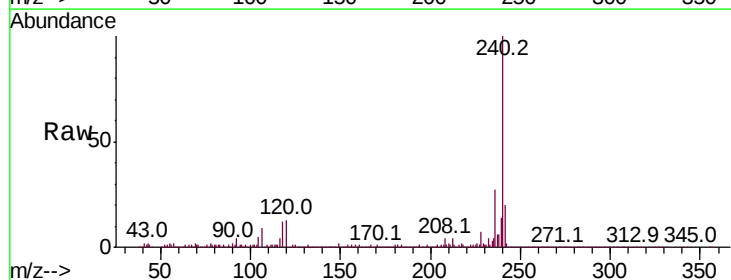
Tgt Ion:149 Resp: 10957

Ion Ratio Lower Upper

149 100

167 33.1 22.4 33.6

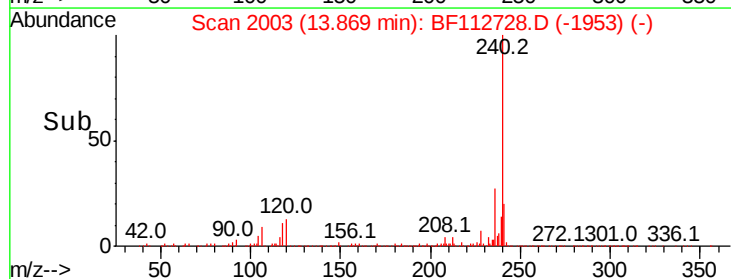
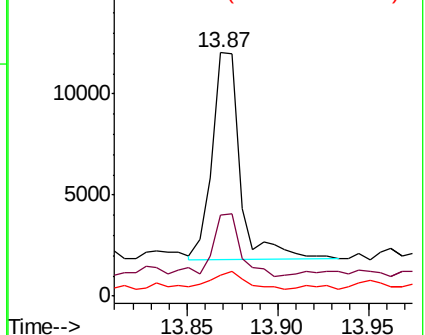
279 8.4 3.3 4.9#

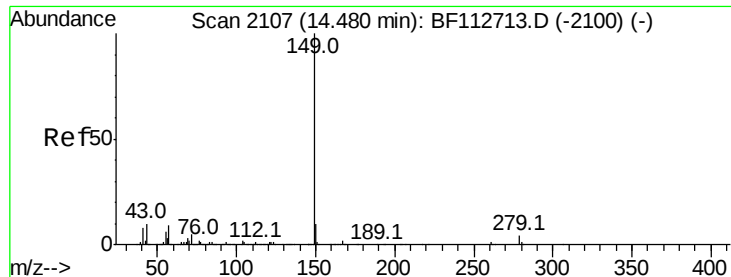


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

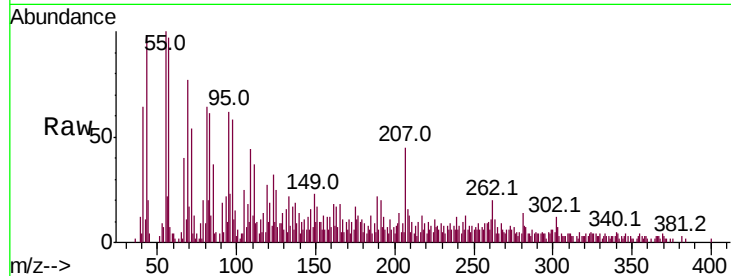




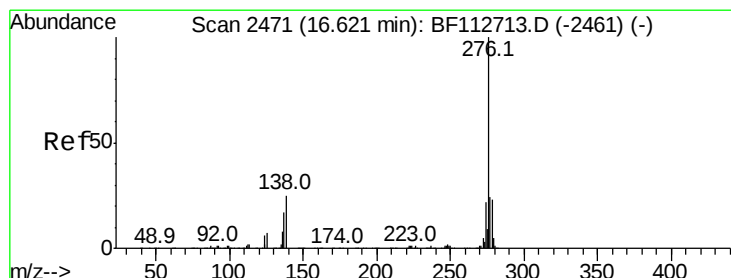
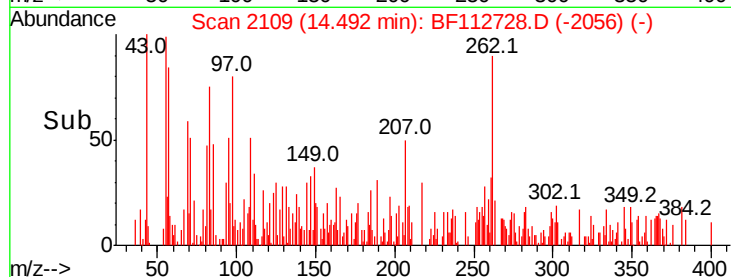
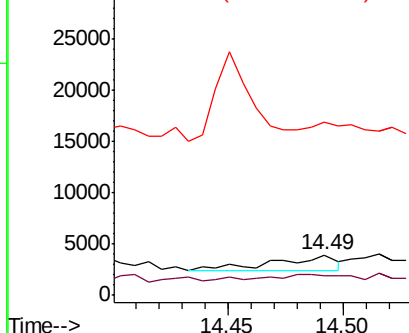
#85
Di-n-octyl phthalate
Concen: 0.069 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tot Ion:149 Resp: 2680
Ion Ratio Lower Upper
149 100
167 61.6 1.2 1.8#
43 0.0 9.0 13.4#

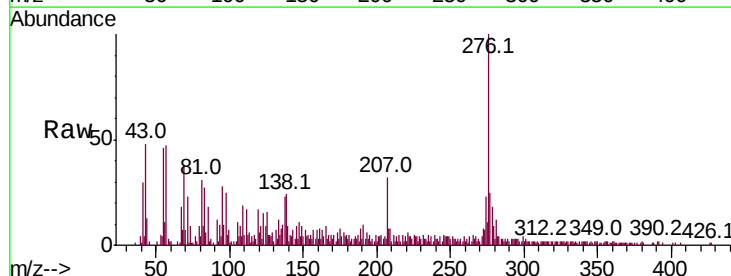


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

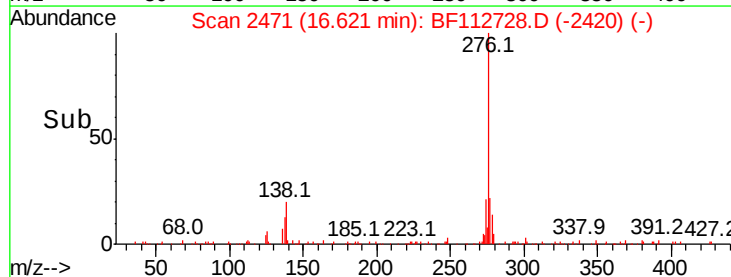
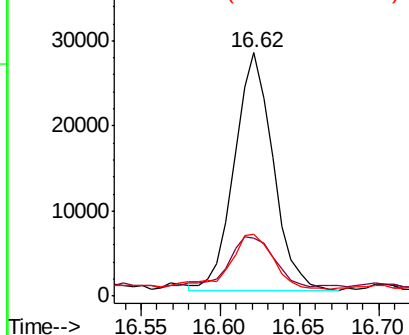


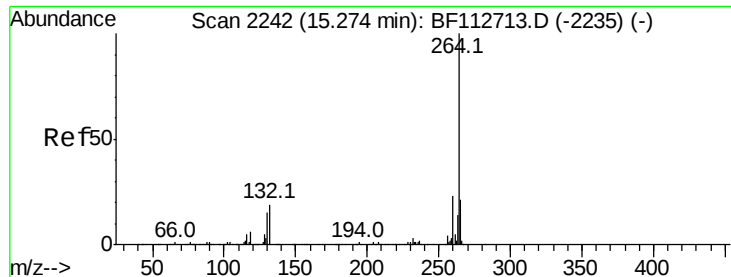
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.585 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:276 Resp: 47504
Ion Ratio Lower Upper
276 100
138 25.8 23.2 34.8
277 27.1 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: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

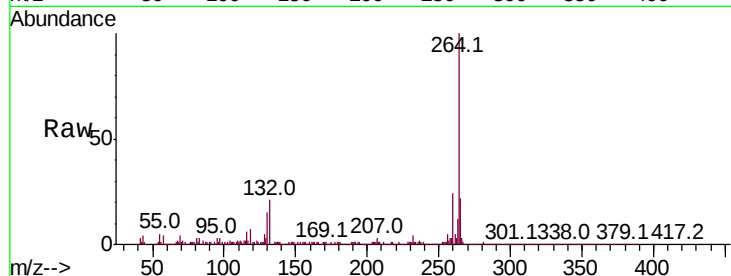
Tot Ion:264 Resp: 412251

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.2 17.2 25.8

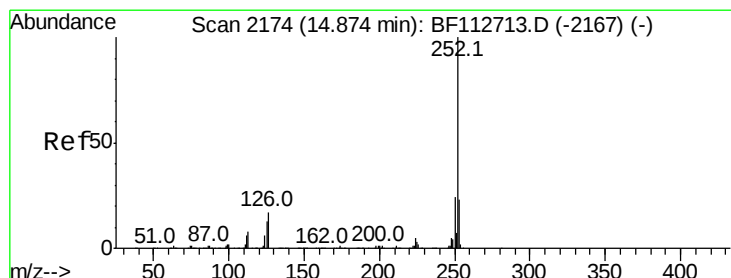
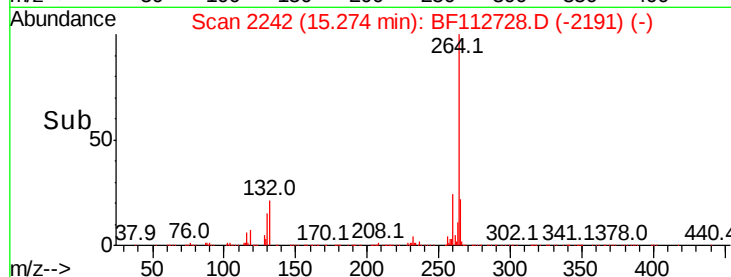
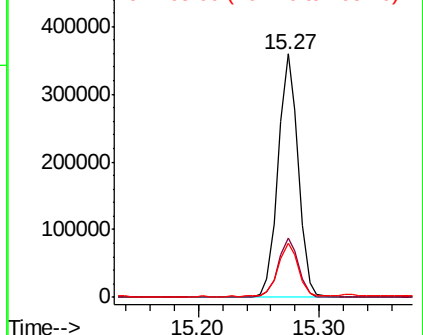


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.218 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

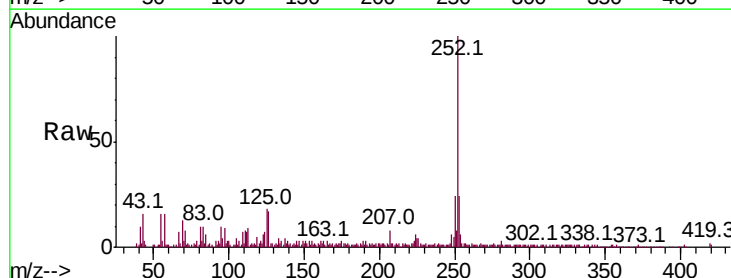
Tgt Ion:252 Resp: 192467

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

125 17.6 10.2 15.2#

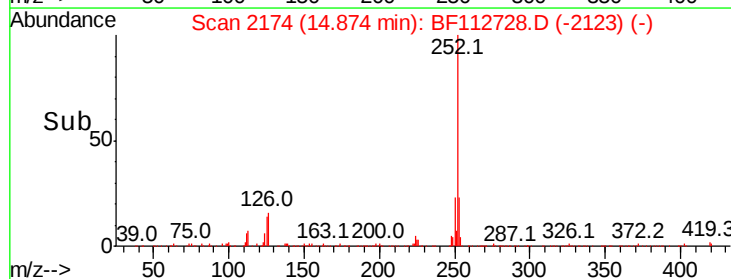
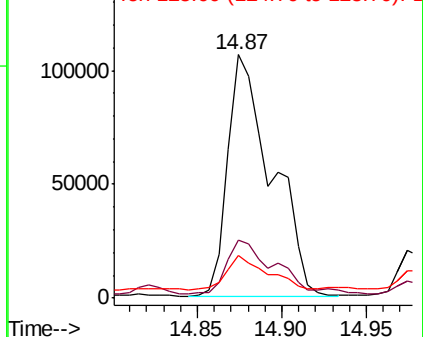


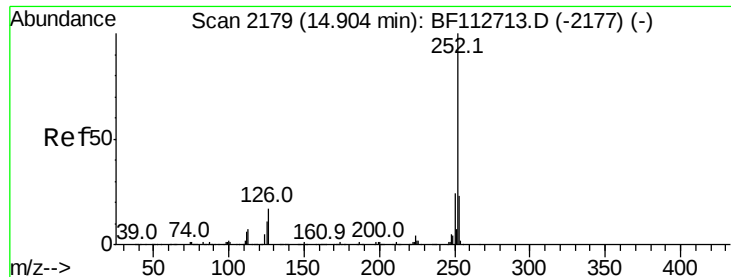
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

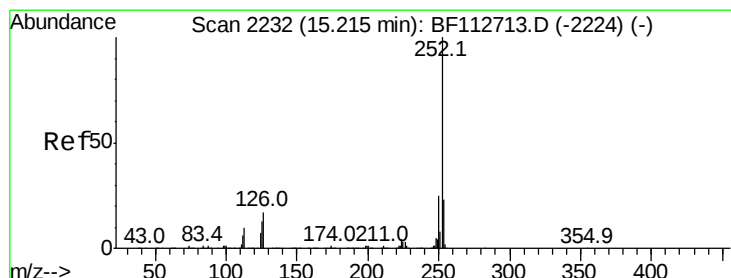
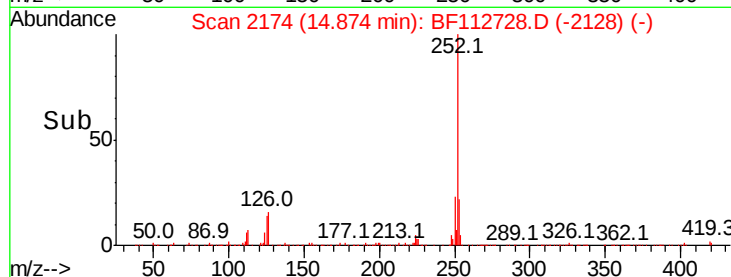
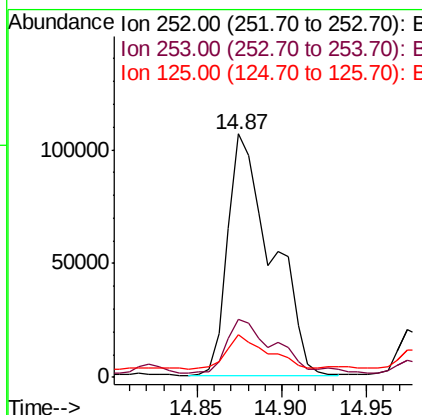
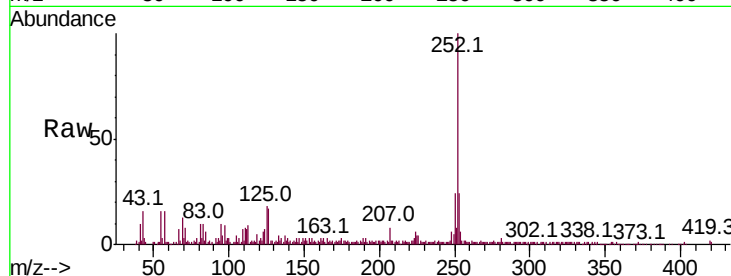




#89
Benzo(k)fluoranthene
Concen: 7.968 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

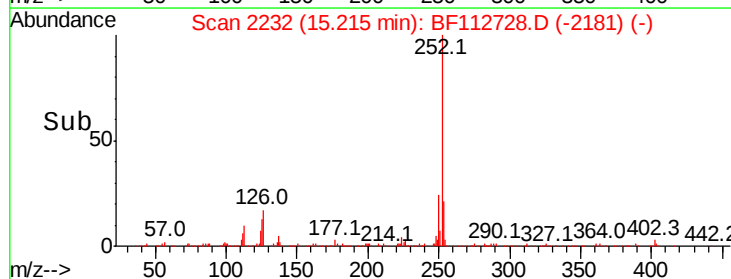
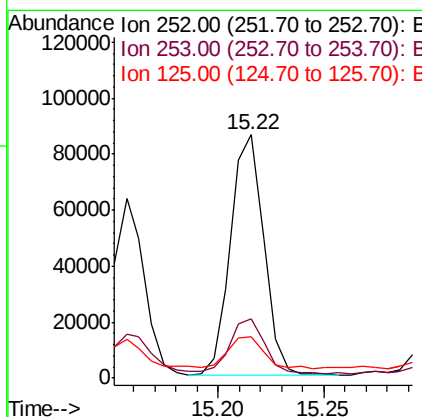
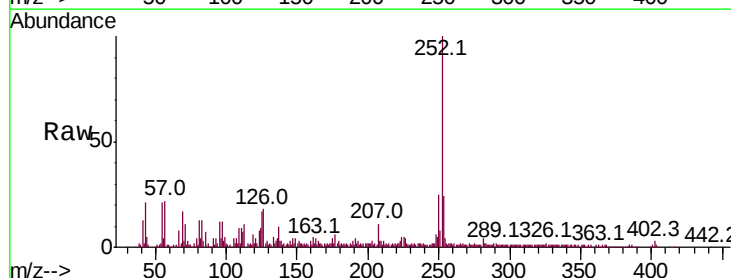
Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

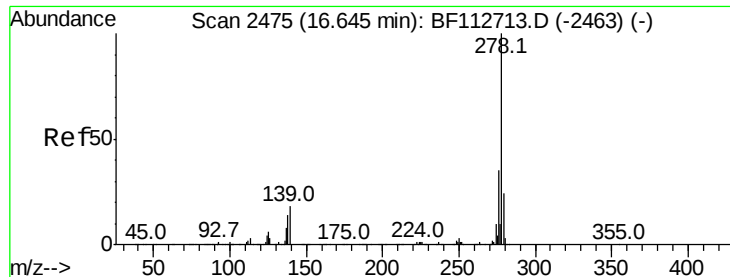
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	17.6	9.8	14.6



#90
Benzo(a)pyrene
Concen: 3.956 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	16.9	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 0.650 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PL-02-022619-D

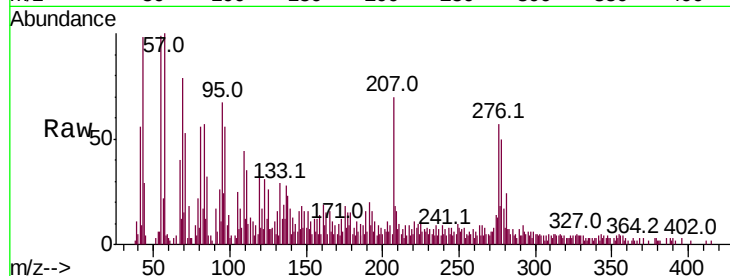
Tot Ion:278 Resp: 13090

Ion Ratio Lower Upper

278 100

139 34.8 14.3 21.5#

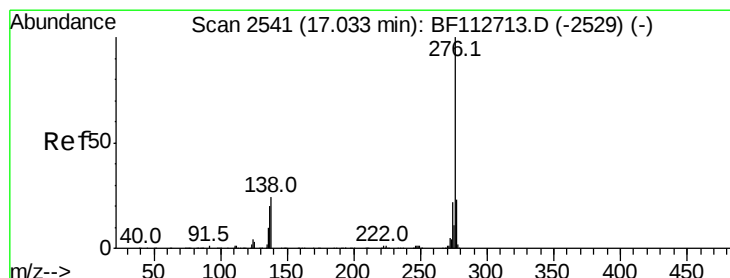
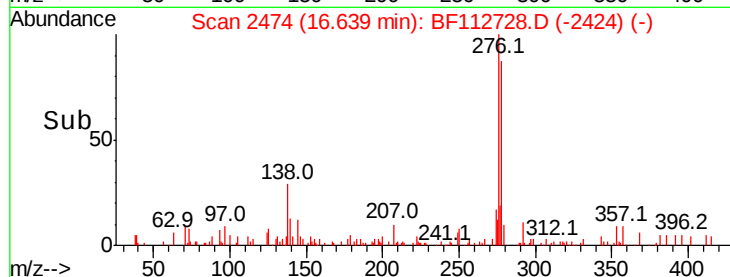
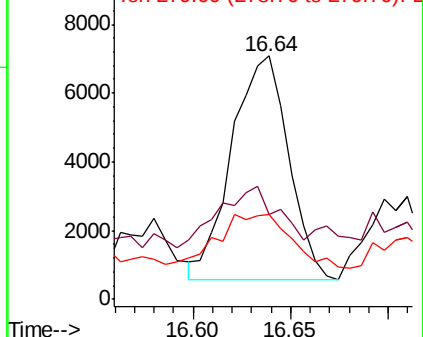
279 34.8 19.4 29.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 2.248 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF112728.D

Acq: 27 Feb 2019 19:27

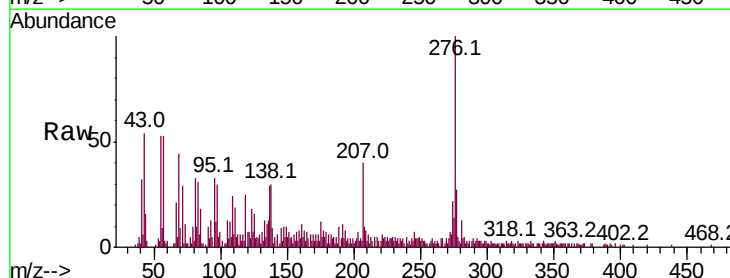
Tgt Ion:276 Resp: 45426

Ion Ratio Lower Upper

276 100

277 26.6 18.6 27.8

138 29.8 19.4 29.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

