

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102959.D
 Acq On : 13 Feb 2018 14:09
 Operator : SJ/JU
 Sample : J1527-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:05:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

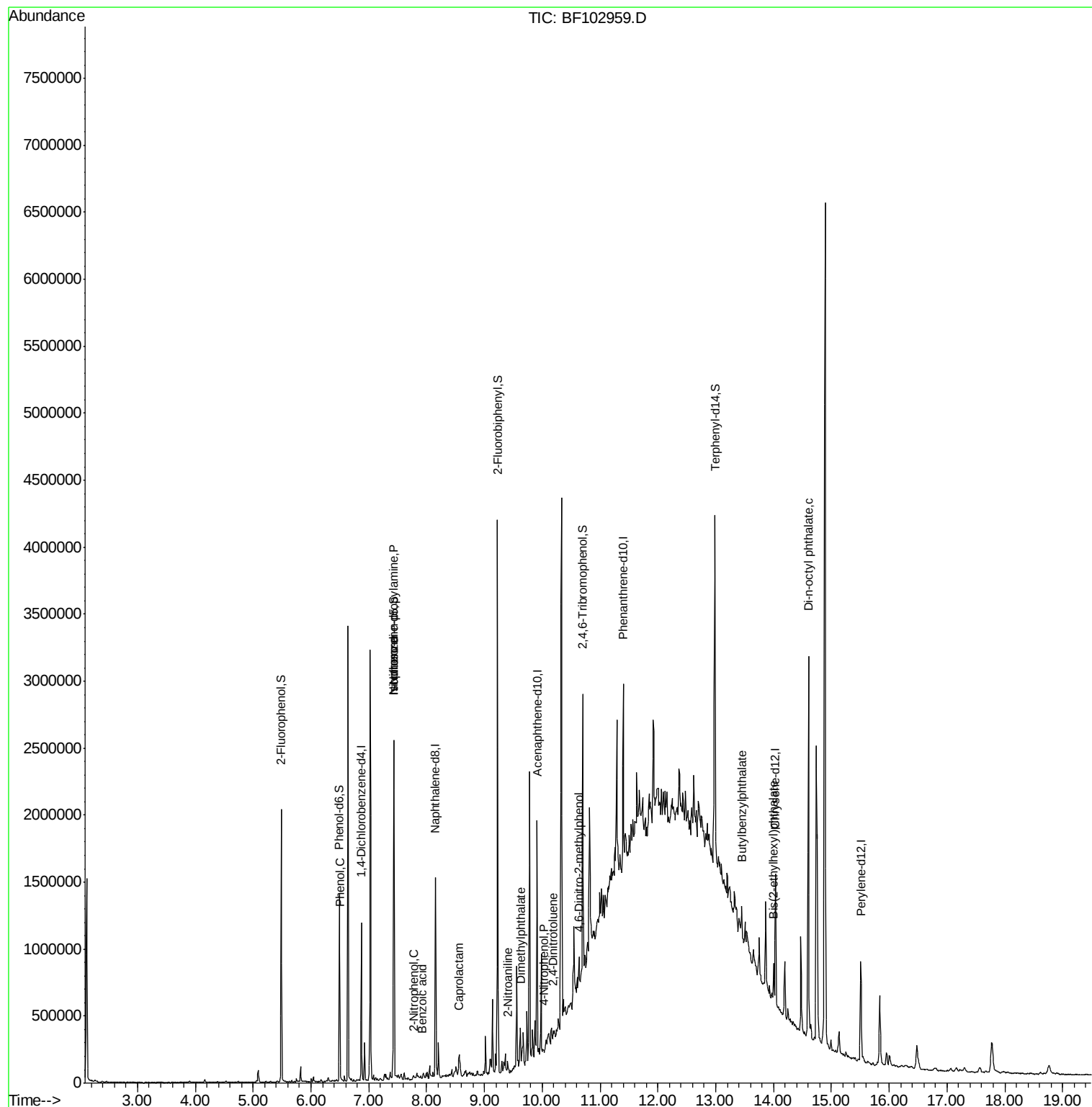
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159994	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	690241	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	311120	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	486586	20.00	ng	0.00
75) Chrysene-d12	14.03	240	326945	20.00	ng	0.00
86) Perylene-d12	15.51	264	321913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	519656	49.33	ng	0.00
7) Phenol-d6	6.49	99	420645	33.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	864480	86.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	290552	116.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1424566	75.98	ng	-0.01
78) Terphenyl-d14	12.99	244	1145125	82.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	33782	2.49	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	120009	14.35	ng	# 84
25) Isophorone	7.43	82	860026	37.54	ng	# 64
26) 2-Nitrophenol	7.77	139	148	8.69	ng	# 49
32) Benzoic acid	7.92	122	259	8.58	ng	# 37
35) Caprolactam	8.56	113	18556	6.07	ng	# 71
47) 2-Nitroaniline	9.40	65	968	3.61	ng	# 2
49) Dimethylphthalate	9.62	163	84062	3.47	ng	99
55) 4-Nitrophenol	10.03	139	1797	4.39	ng	# 1
56) 2,4-Dinitrotoluene	10.19	165	1841	3.35	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.62	198	397	8.97	ng	# 1
79) Butylbenzylphthalate	13.45	149	31257	3.52	ng	94
83) Bis(2-ethylhexyl)phthalate	14.00	149	72508	4.62	ng	# 99
84) Di-n-octyl phthalate	14.60	149	88385	3.75	ng	# 1

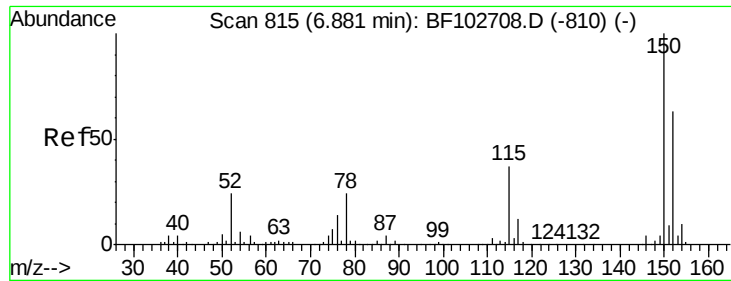
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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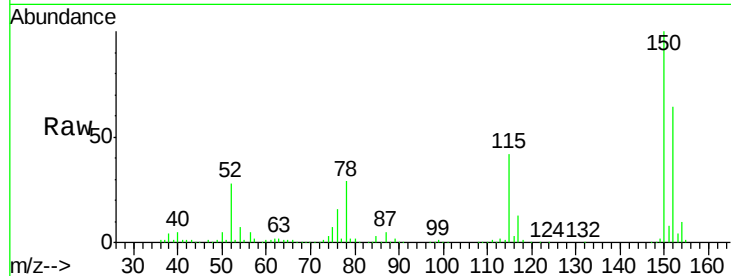


#1

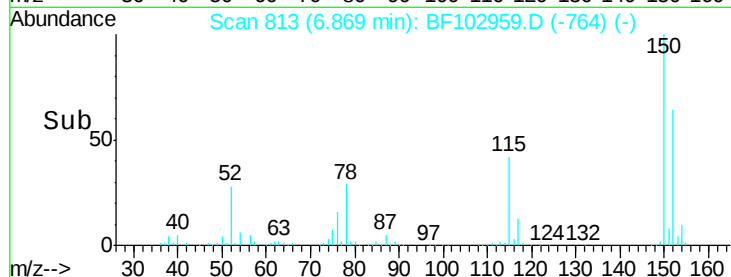
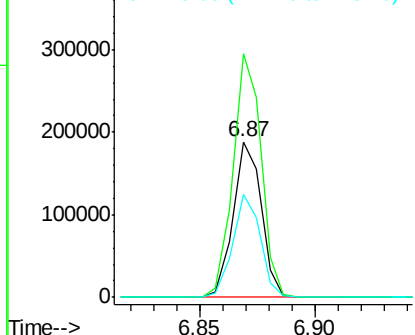
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159994
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 65.8 50.1 75.1



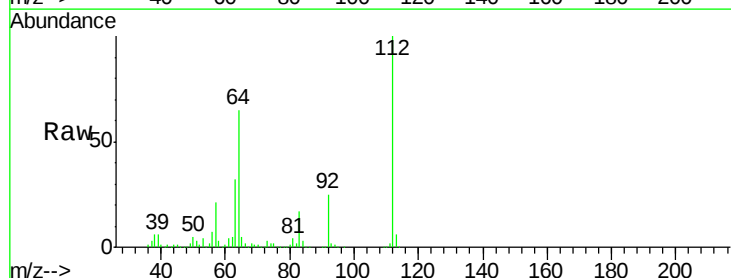
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



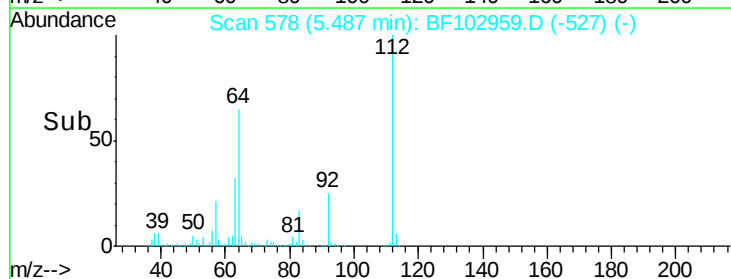
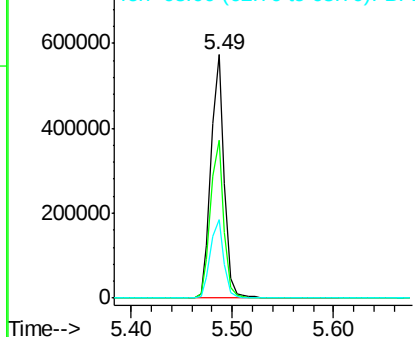
#5

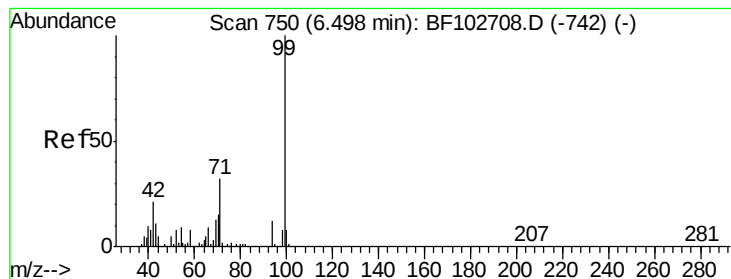
2-Fluorophenol
Concen: 49.33 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion:112 Resp: 519656
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.16 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

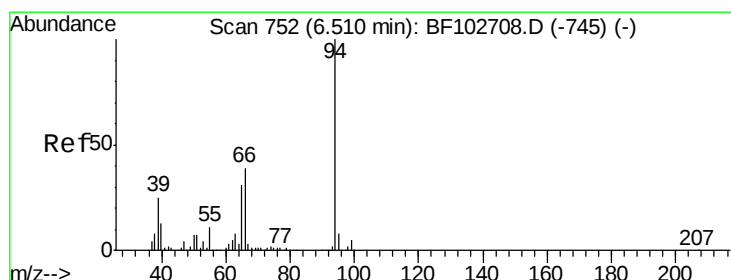
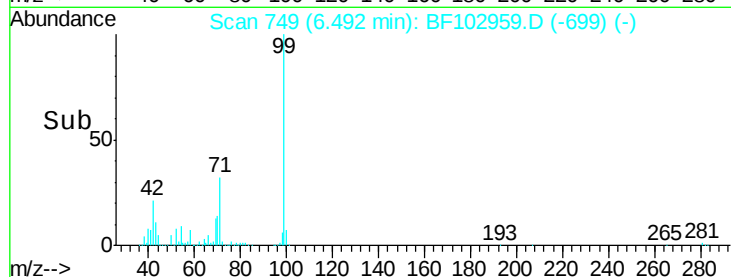
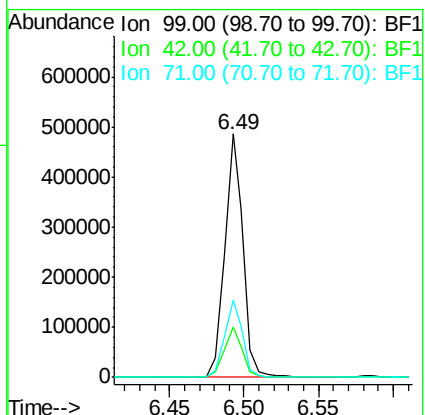
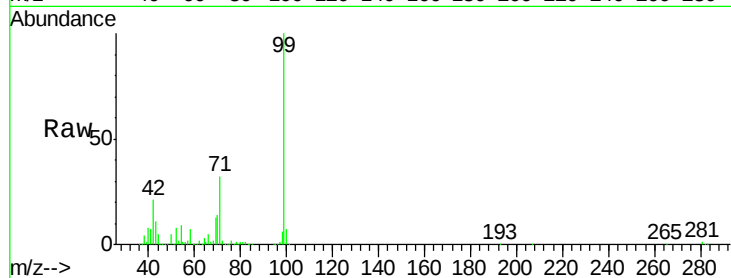
Tot Ion: 99 Resp: 420645

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 2.49 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

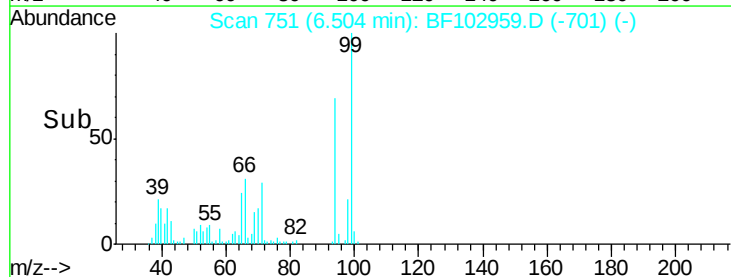
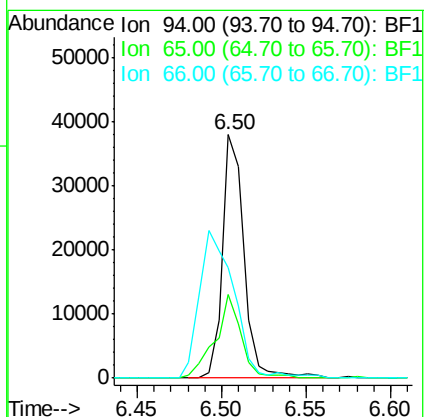
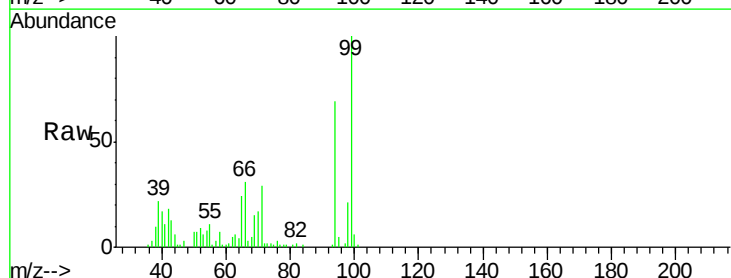
Tgt Ion: 94 Resp: 33782

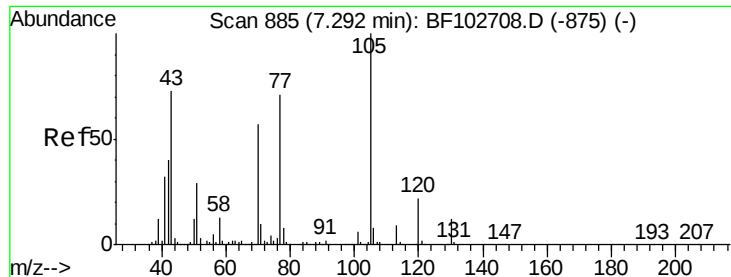
Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

66 45.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.35 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 120009

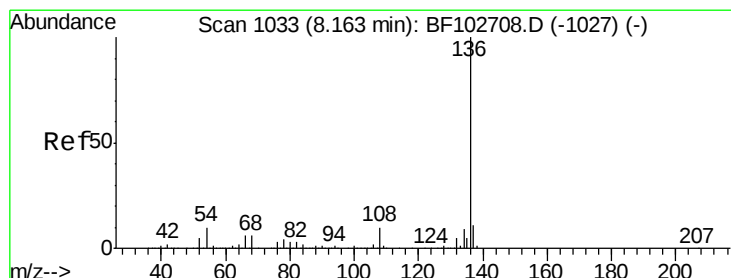
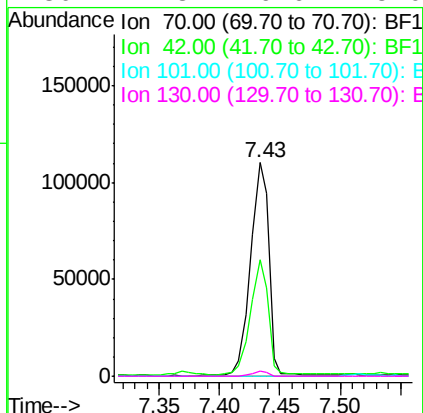
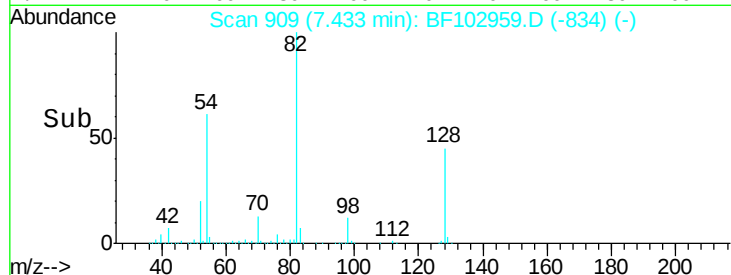
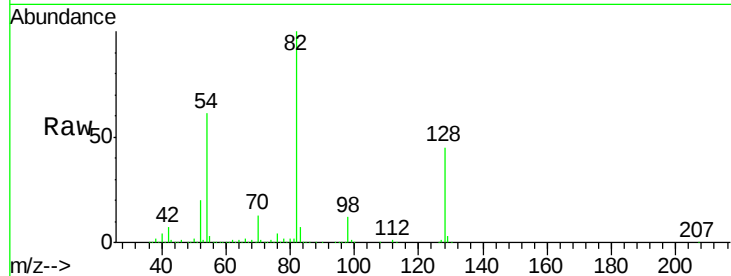
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Tgt Ion: 136 Resp: 690241

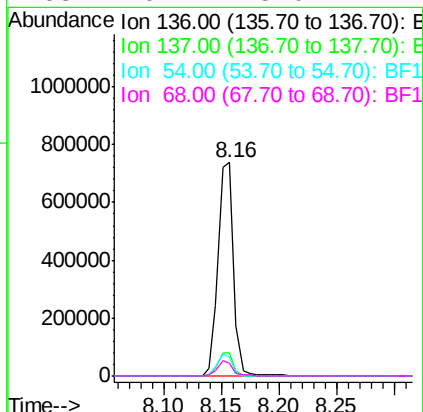
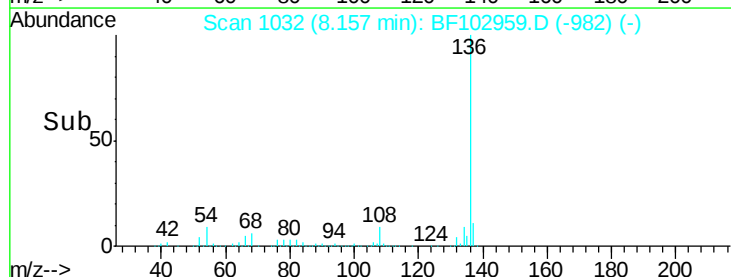
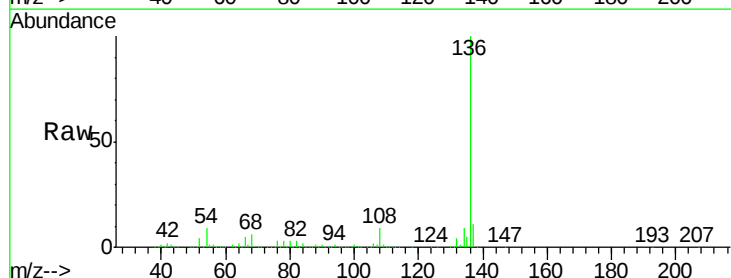
Ion Ratio Lower Upper

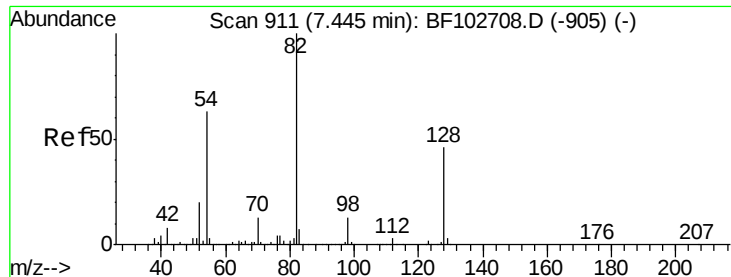
136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.1 5.0 7.4

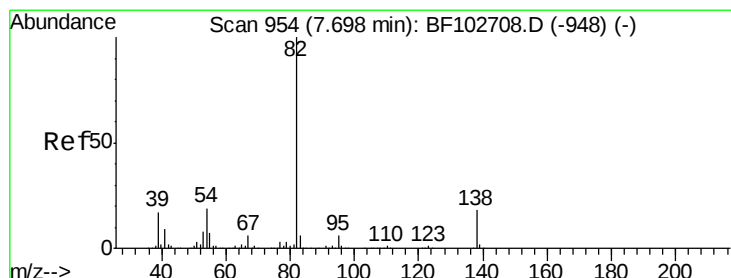
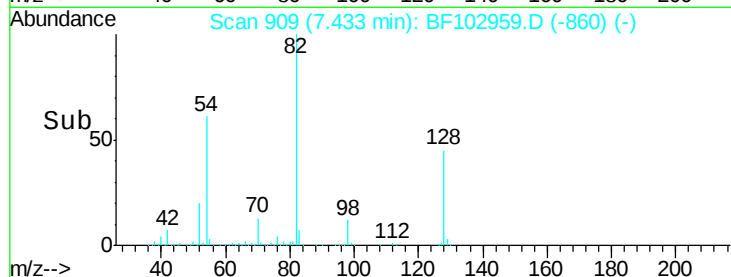
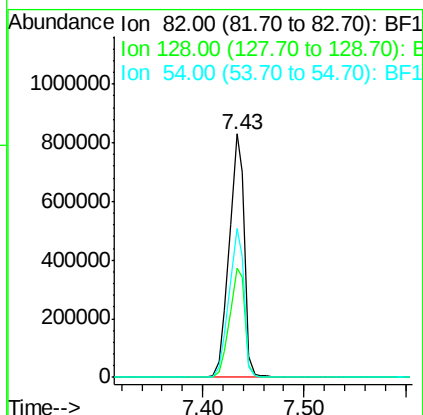
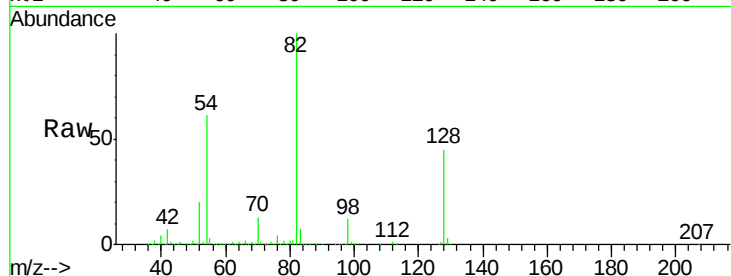




#23
Nitrobenzene-d5
Concen: 86.88 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

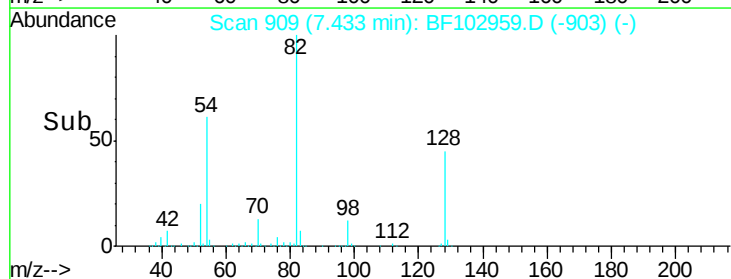
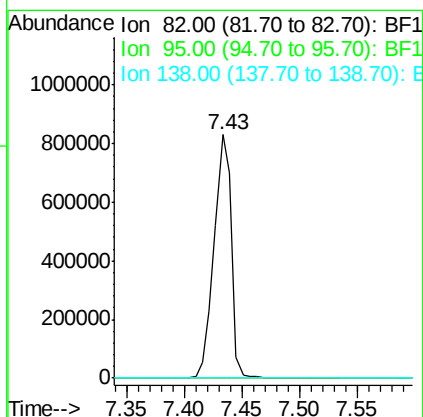
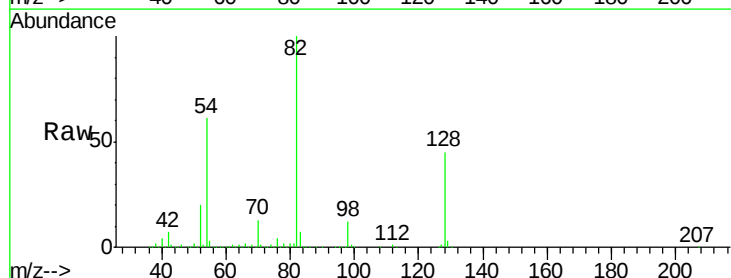
Instrument :
BNA_F
ClientSampleId :

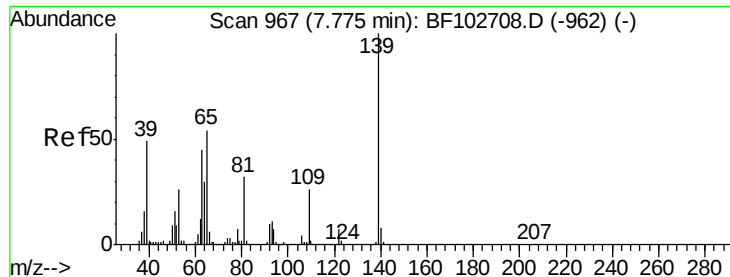
Tot Ion	82	Resp	864480
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	60.9	41.4	62.2



#25
Isophorone
Concen: 37.54 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion	82	Resp	860026
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#





#26

2-Nitrophenol

Concen: 8.69 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampled :

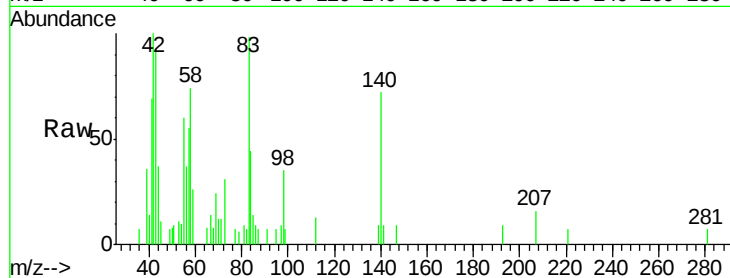
Tot Ion:139 Resp: 148

Ion Ratio Lower Upper

139 100

109 0.0 22.7 34.1#

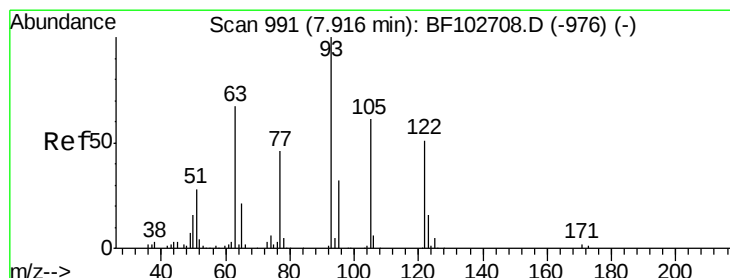
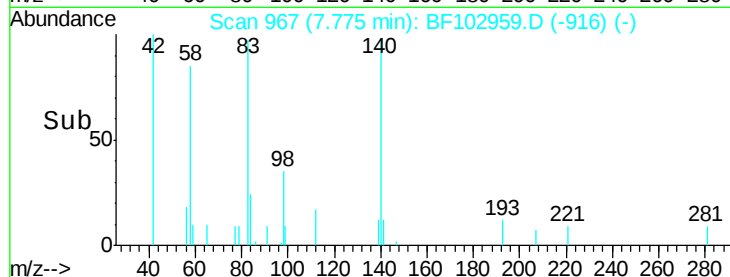
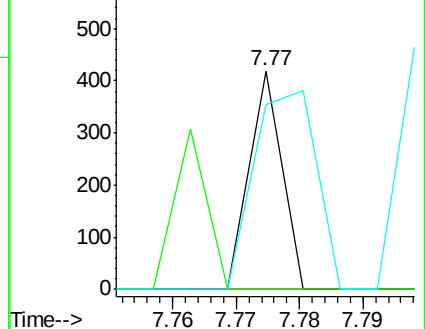
65 84.5 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#32

Benzoic acid

Concen: 8.58 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

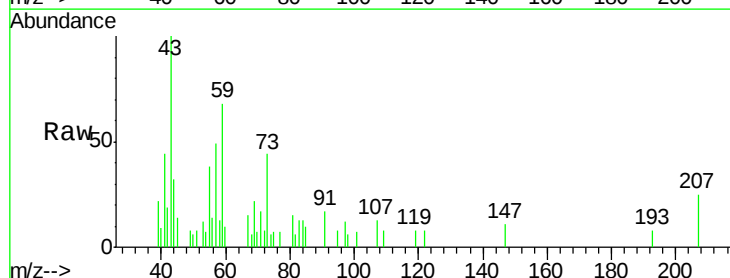
Tgt Ion:122 Resp: 259

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

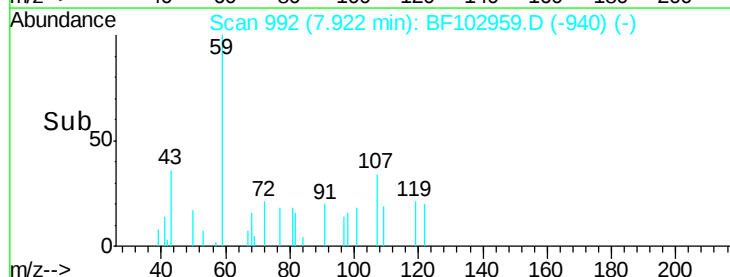
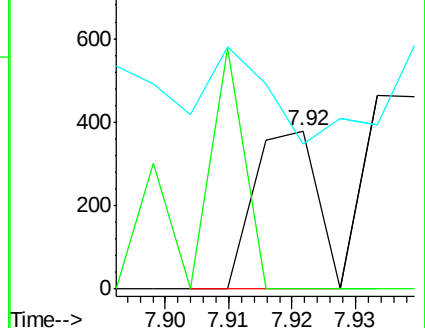
77 92.1 70.7 110.7

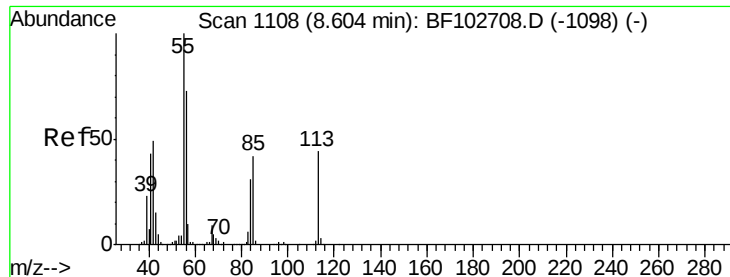


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#35

Caprolactam

Concen: 6.07 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.04 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

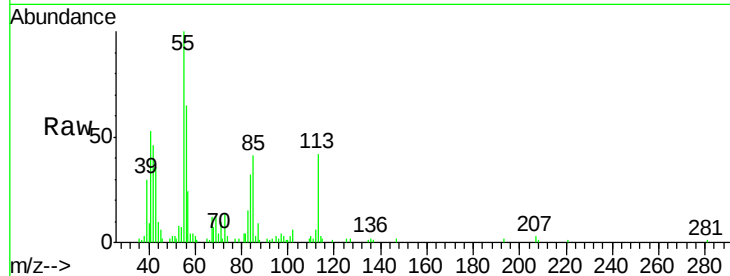
Tot Ion:113 Resp: 18556

Ion Ratio Lower Upper

113 100

55 239.8 163.3 203.3#

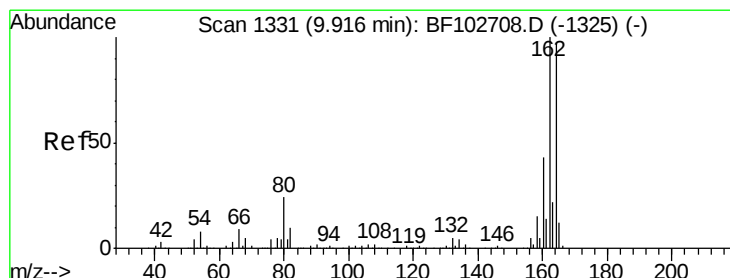
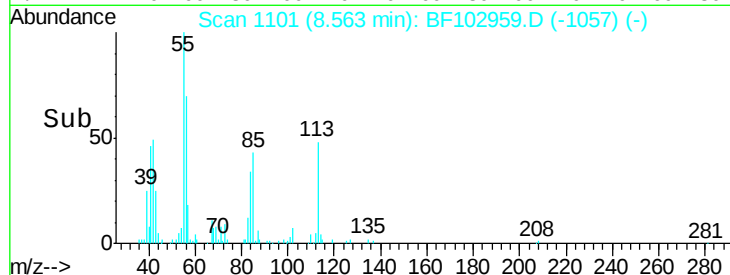
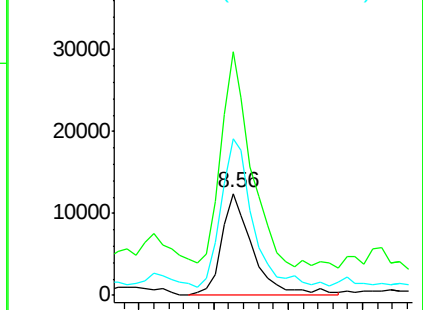
56 154.8 115.7 155.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

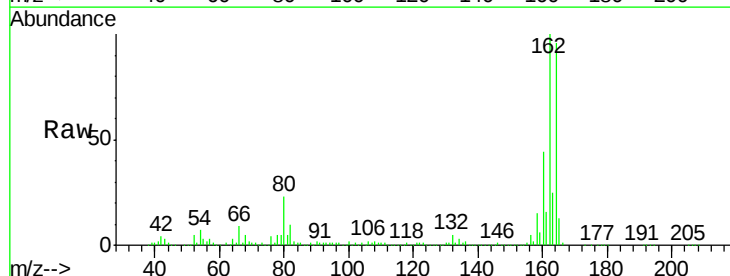
Tgt Ion:164 Resp: 311120

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

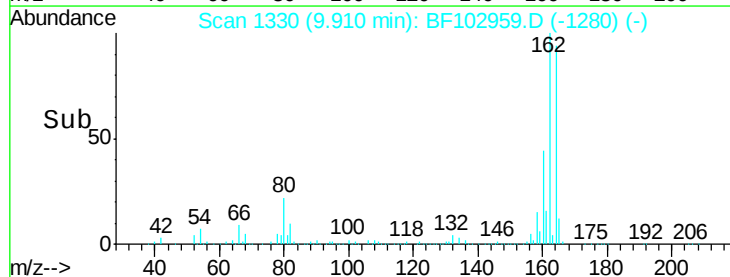
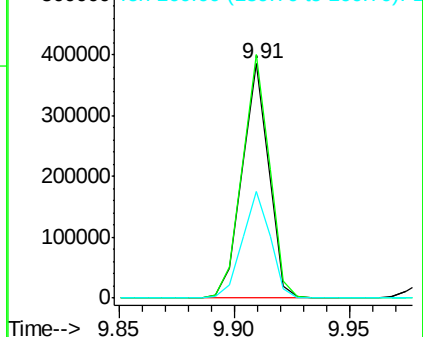
160 45.6 38.3 57.5

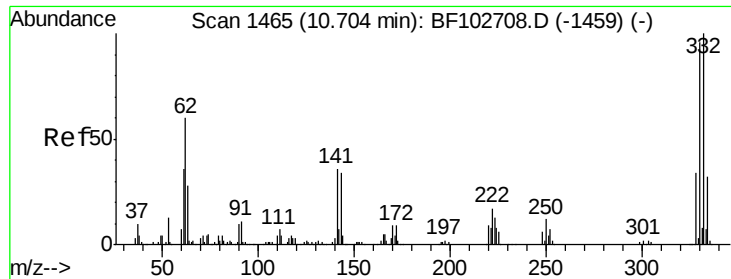


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

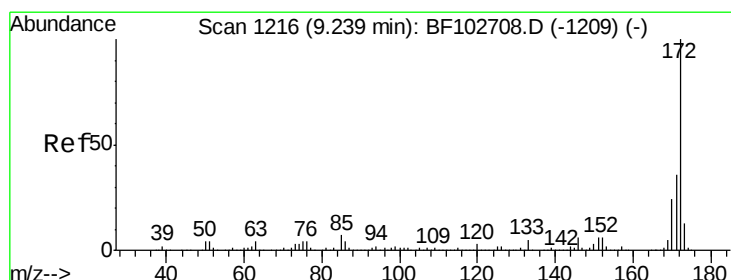
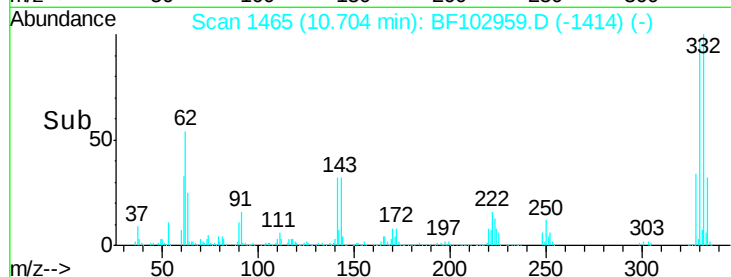
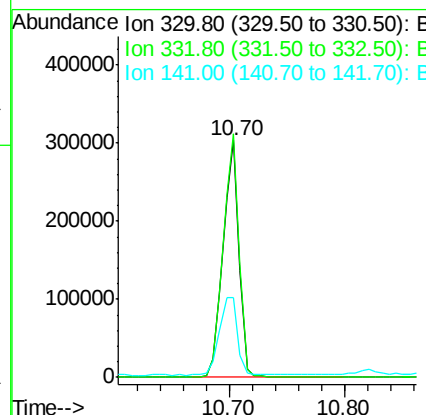
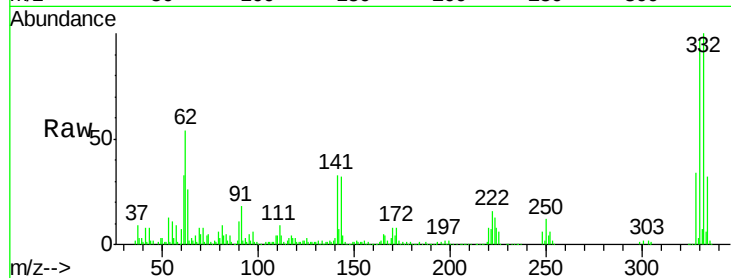




#41
 2,4,6-Tribromophenol
 Concen: 116.03 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

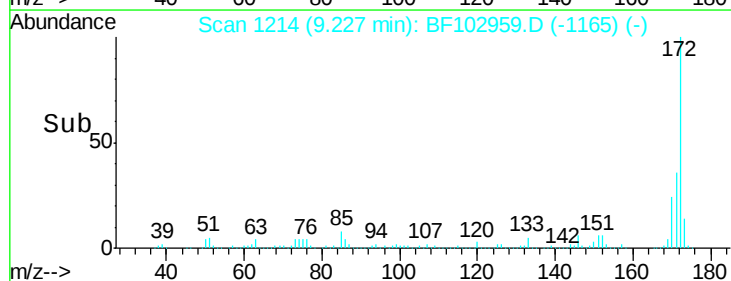
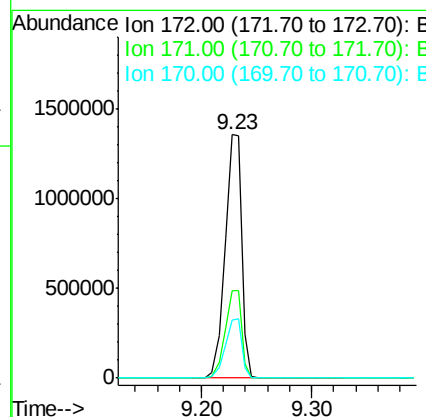
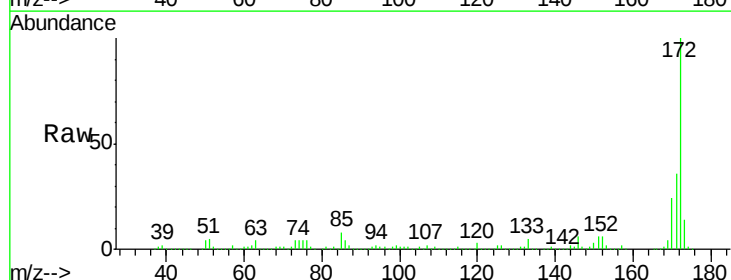
Instrument :
 BNA_F
 ClientSampleId :

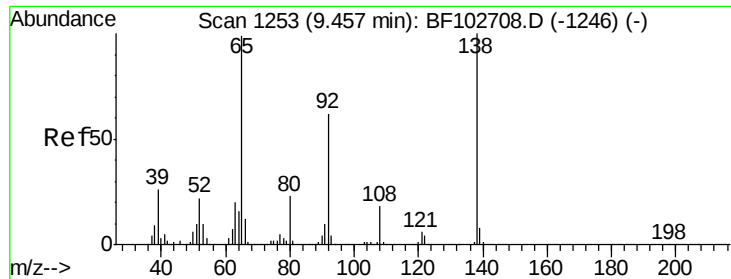
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	37.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4





#47

2-Nitroaniline

Concen: 3.61 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.05 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

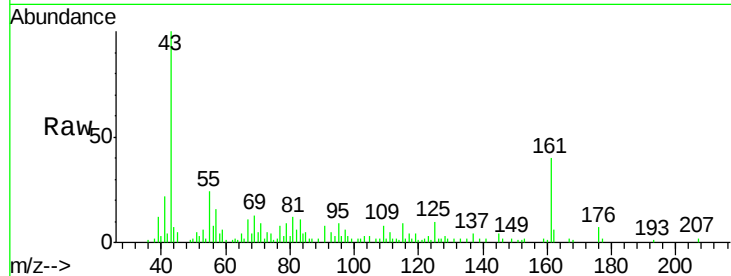
Tot Ion: 65 Resp: 968

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

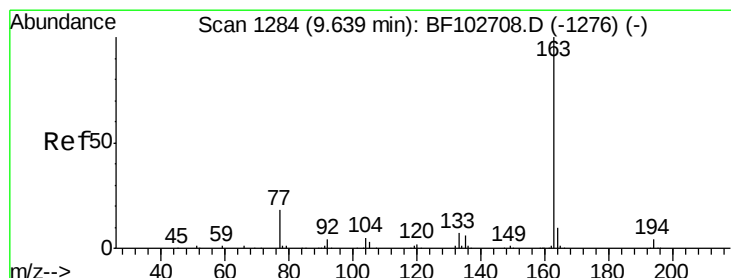
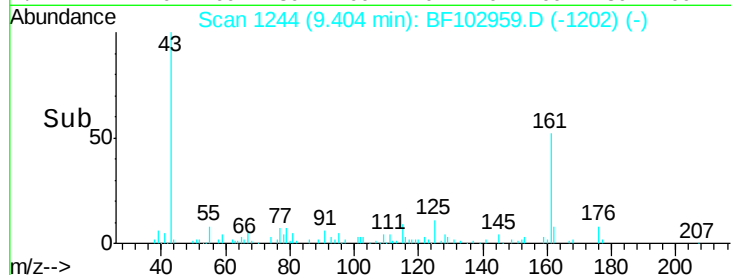
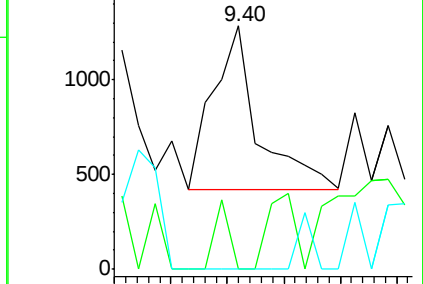
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 3.47 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

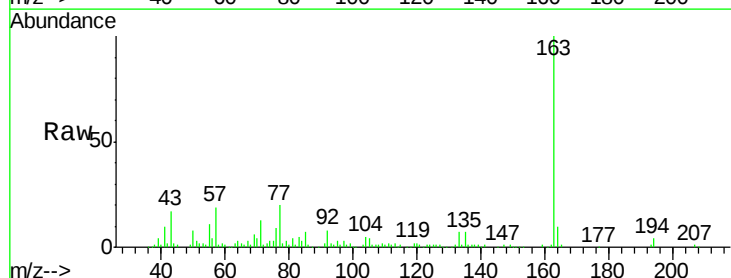
Tgt Ion: 163 Resp: 84062

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

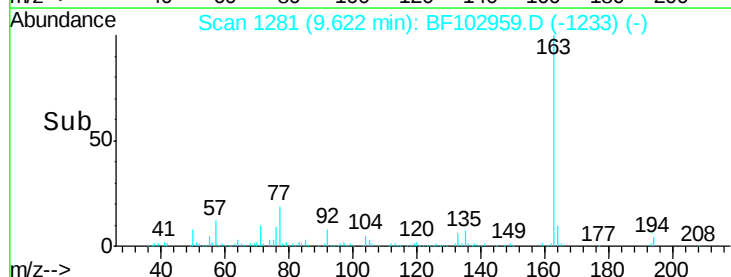
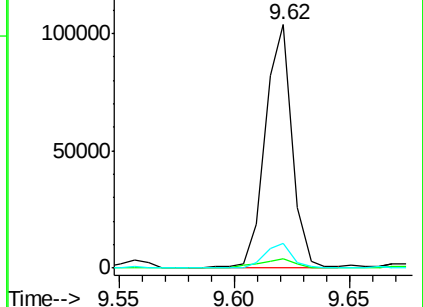
164 9.9 8.2 12.2

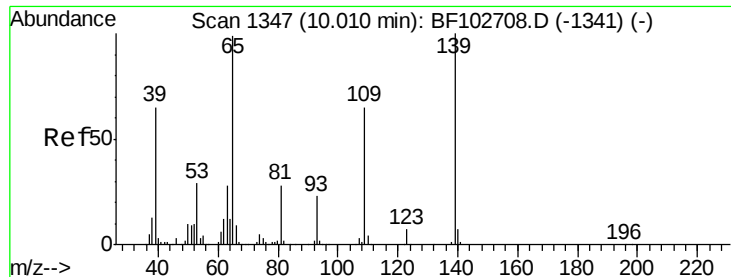


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 4.39 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampled :

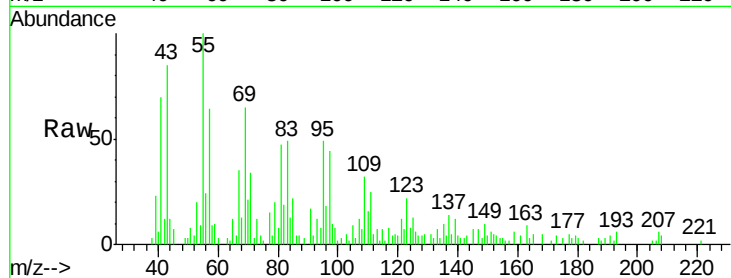
Tot Ion:139 Resp: 1797

Ion Ratio Lower Upper

139 100

109 263.2 48.4 88.4#

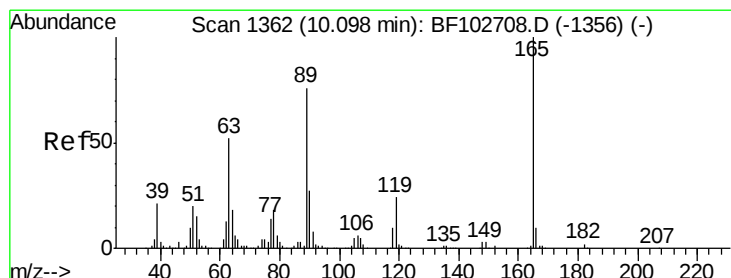
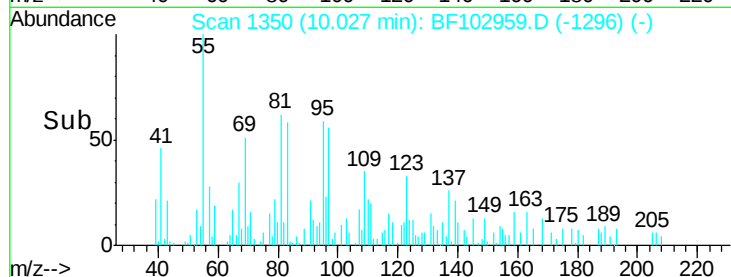
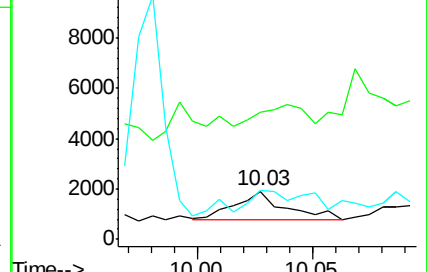
65 101.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 3.35 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.09 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Tgt Ion:165 Resp: 1841

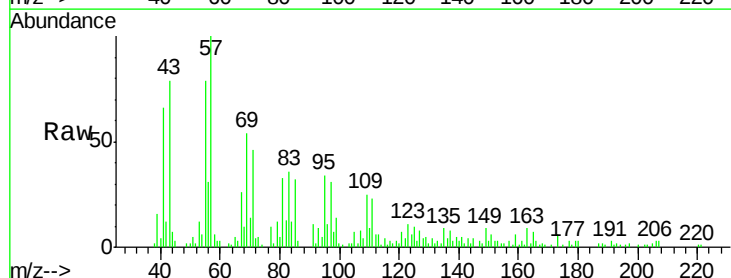
Ion Ratio Lower Upper

165 100

63 28.5 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

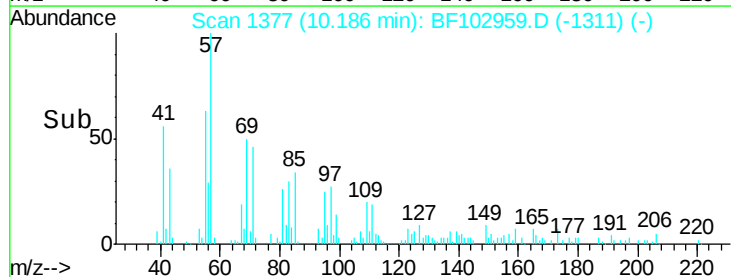
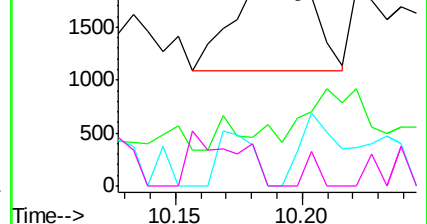


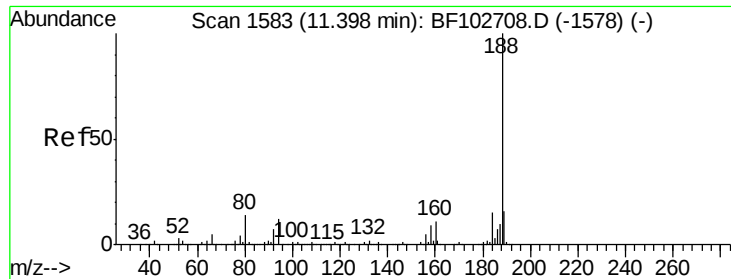
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

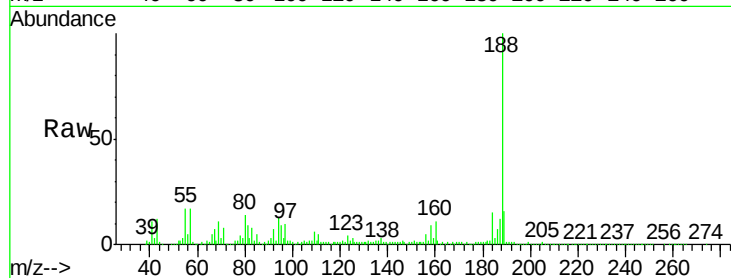




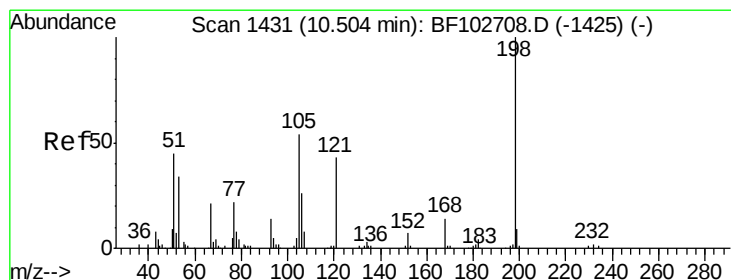
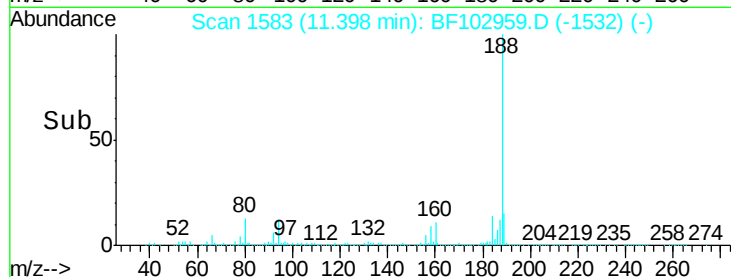
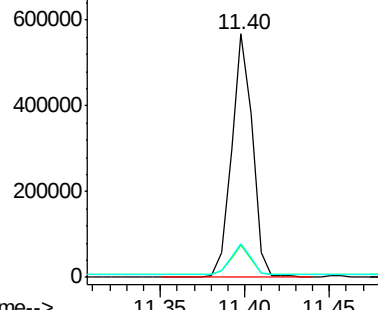
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 486586
Ion Ratio Lower Upper
188 100
94 13.5 8.5 12.7#
80 13.8 9.2 13.8

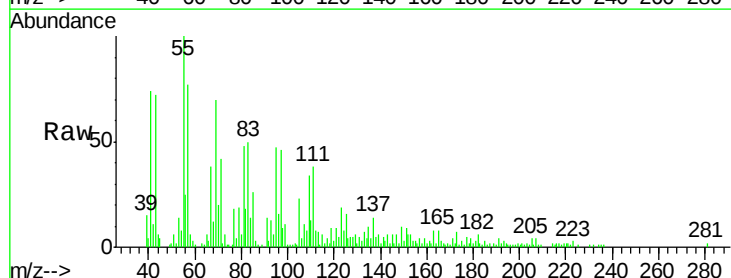


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

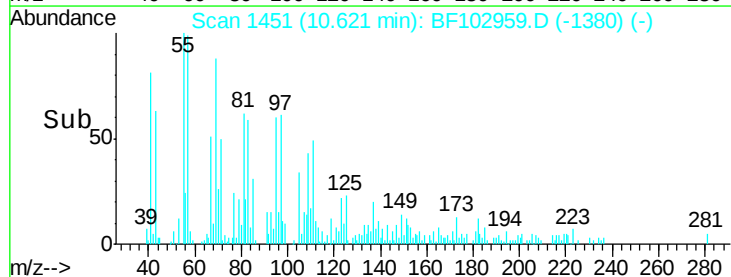
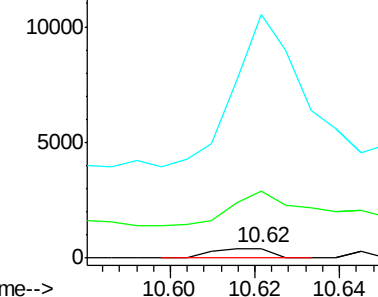


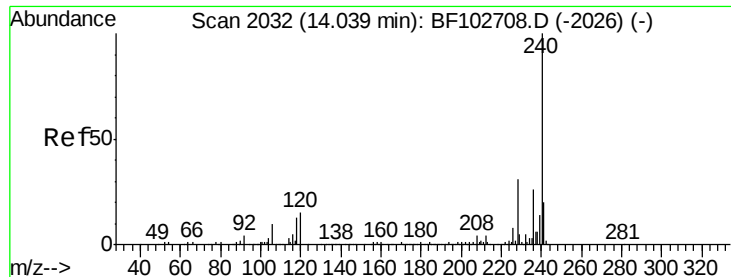
#64
4,6-Dinitro-2-methylphenol
Concen: 8.97 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.12 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion:198 Resp: 397
Ion Ratio Lower Upper
198 100
51 710.4 37.7 77.7#
105 2598.0 36.3 76.3#



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

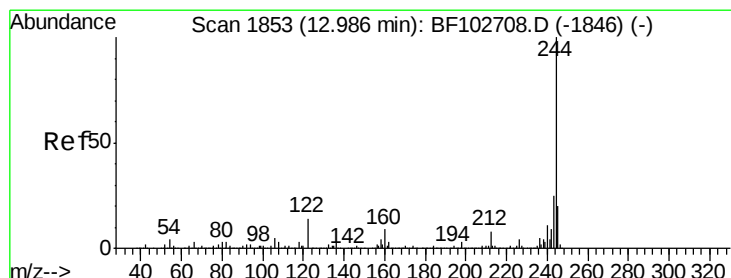
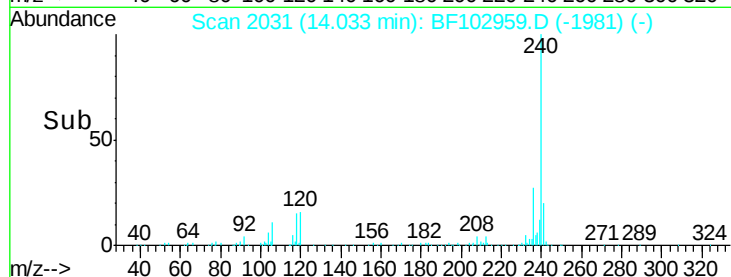
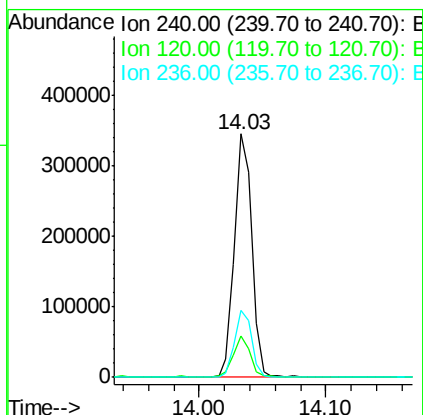
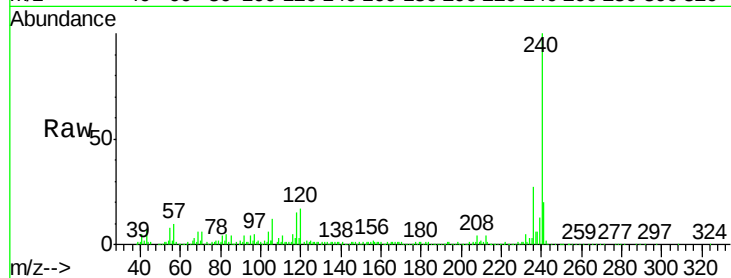




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

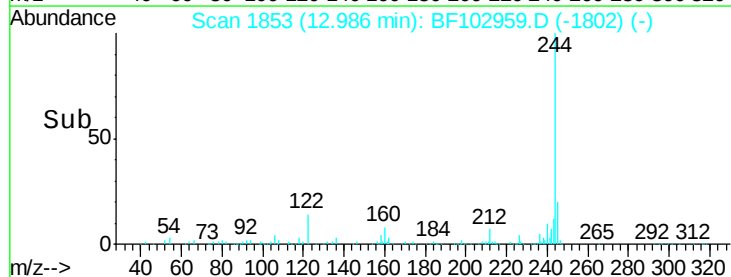
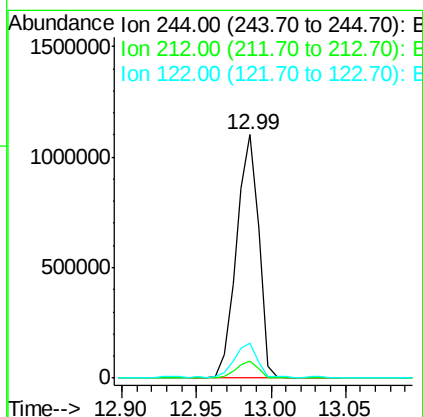
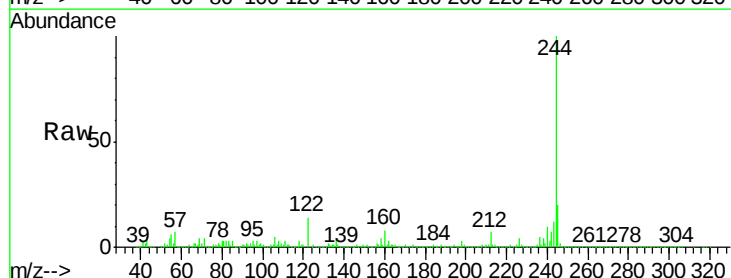
Instrument :
 BNA_F
 ClientSampleId :

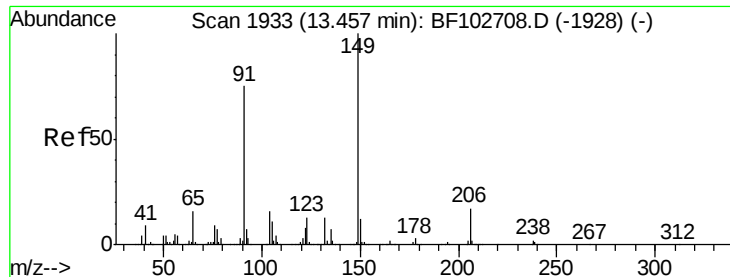
Tot Ion:240 Resp: 326945
 Ion Ratio Lower Upper
 240 100
 120 16.8 9.5 14.3#
 236 27.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.93 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

Tgt Ion:244 Resp: 1145125
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.1 11.0 16.4

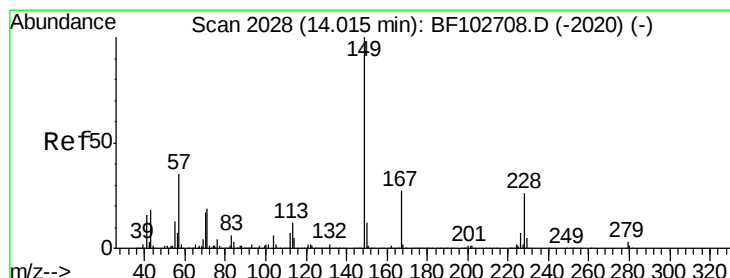
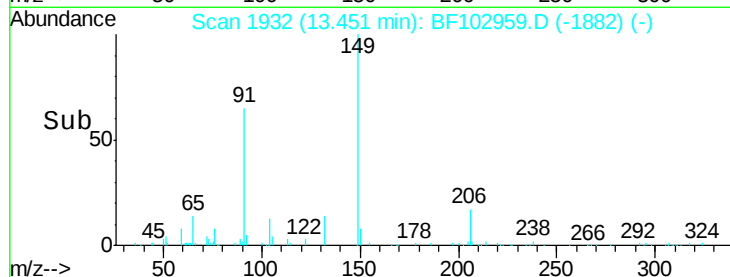
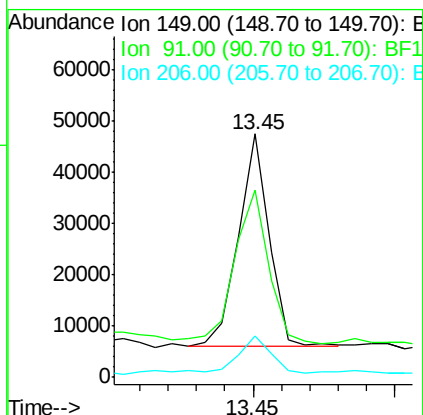
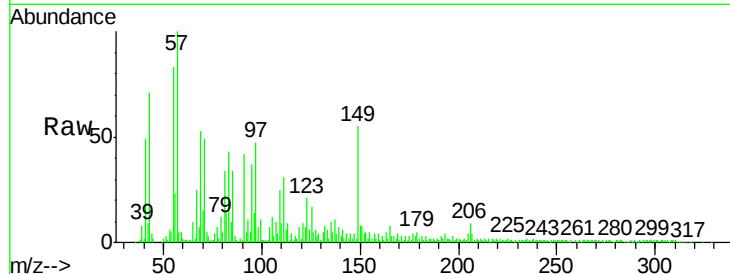




#79
Butylbenzylphthalate
Concen: 3.52 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

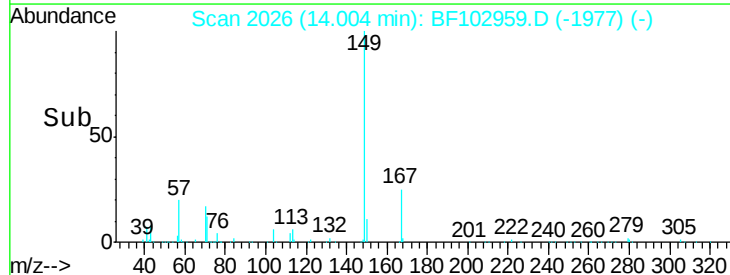
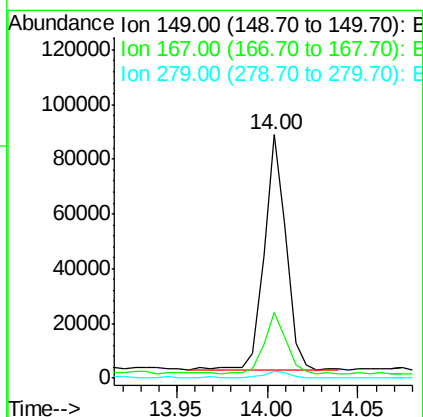
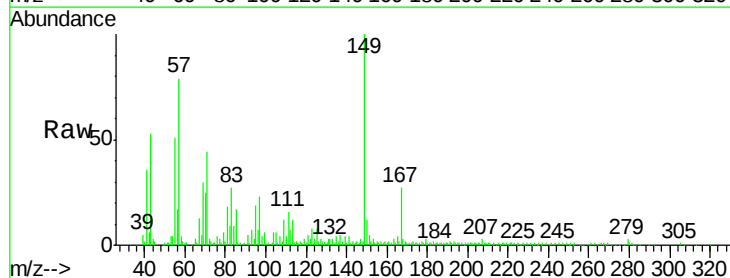
Instrument :
BNA_F
ClientSampleId :

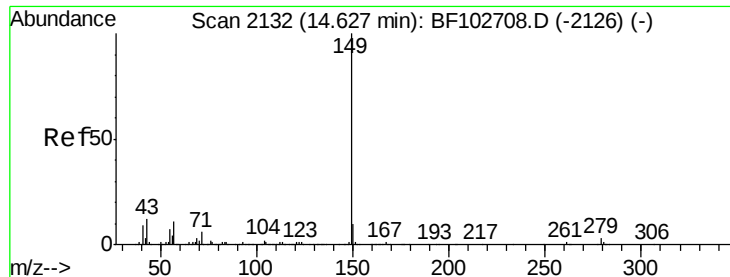
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.7	56.8	85.2
206	16.8	14.1	21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 4.62 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	2.9	3.0	4.4#

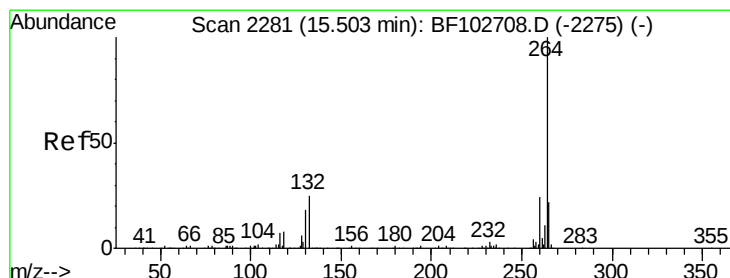
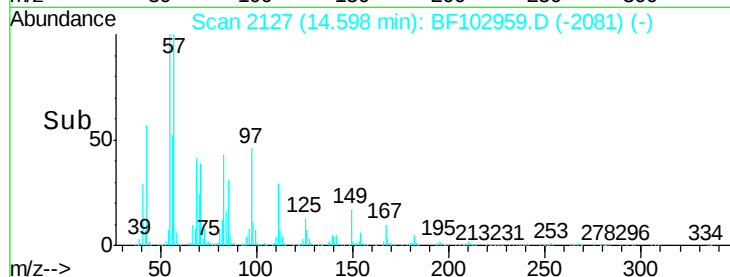
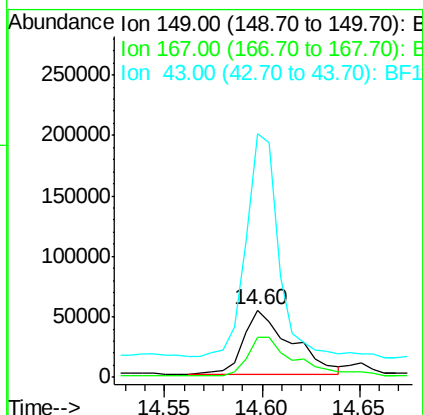
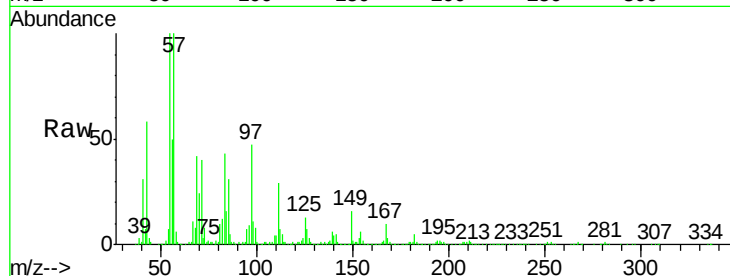




#84
Di-n-octyl phthalate
Concen: 3.75 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	64.2	1.2	1.8
43	247.9	8.4	12.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

