

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102963.D
 Acq On : 13 Feb 2018 15:57
 Operator : SJ/JU
 Sample : J1397-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:06:52 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

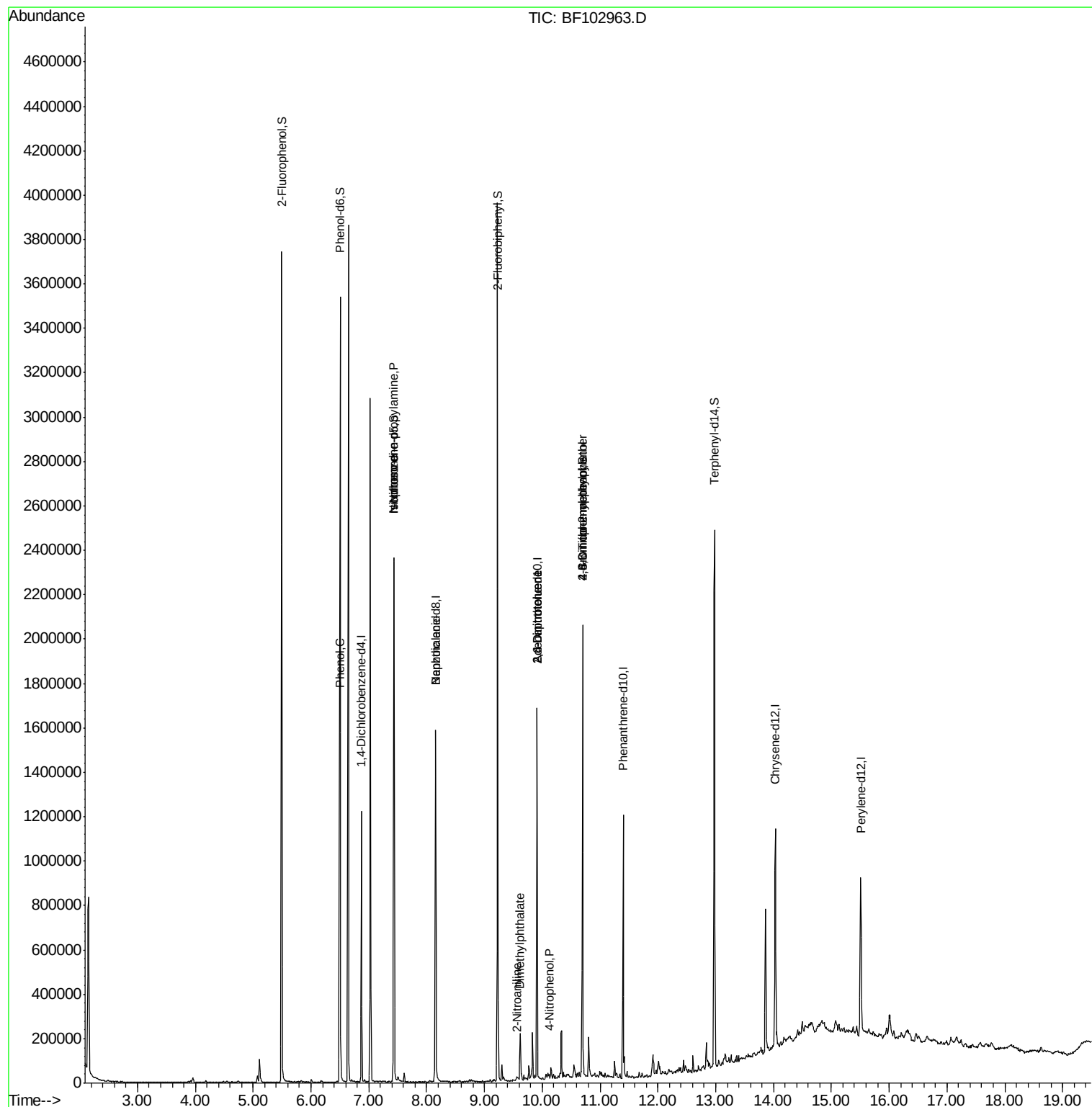
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712773	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	300331	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	419973	20.00	ng	0.00
75) Chrysene-d12	14.03	240	300727	20.00	ng	0.00
86) Perylene-d12	15.51	264	318858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1112004	99.13	ng	0.00
7) Phenol-d6	6.50	99	1312790	97.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	835498	81.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	211134	87.34	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1224954	67.68	ng	-0.01
78) Terphenyl-d14	12.98	244	763597	60.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	31940	2.21	ng	97
19) n-Nitroso-di-n-propylamine	7.43	70	110826	12.44	ng	# 84
25) Isophorone	7.43	82	835483	35.31	ng	# 64
32) Benzoic acid	8.16	122	143	8.56	ng	# 1
47) 2-Nitroaniline	9.57	65	128	3.49	ng	# 2
49) Dimethylphthalate	9.62	163	70955	3.03	ng	99
50) 2,6-Dinitrotoluene	9.91	165	39377	8.84	ng	# 25
55) 4-Nitrophenol	10.11	139	298	4.09	ng	# 38
56) 2,4-Dinitrotoluene	9.91	165	39377	9.24	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	346	8.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	14426	3.25	ng	# 1

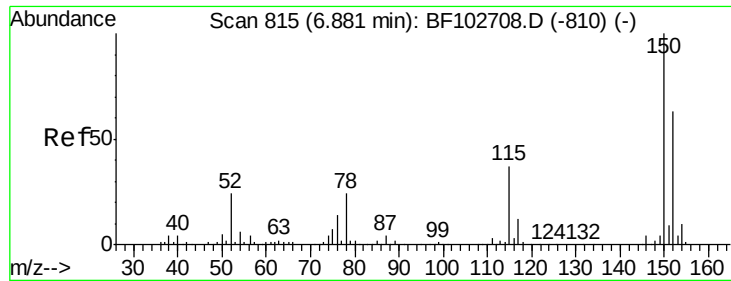
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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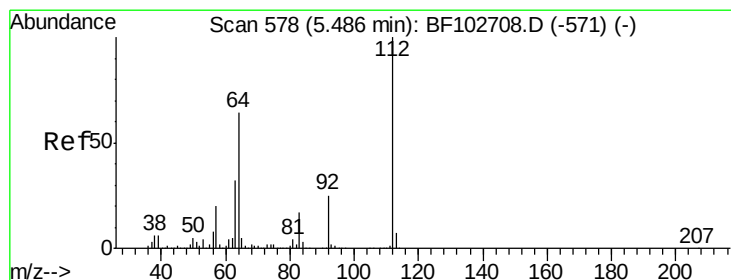
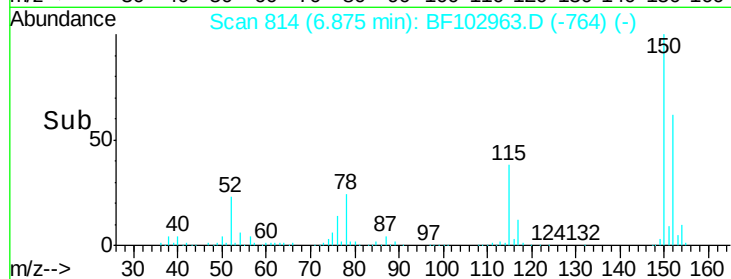
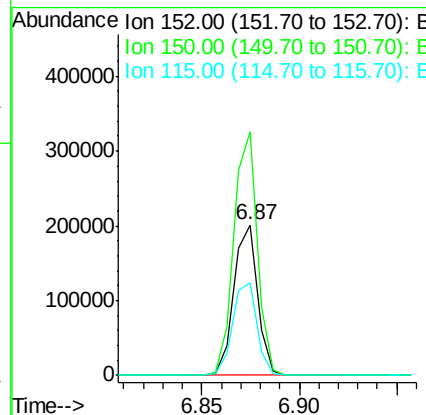
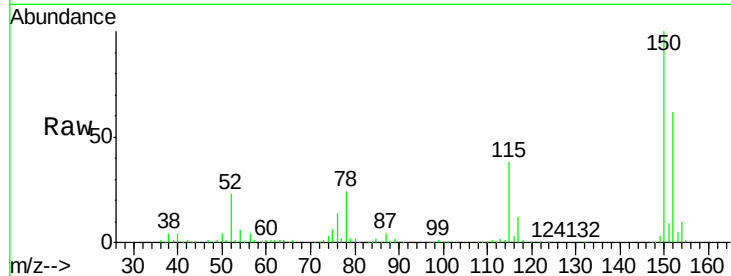


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Instrument :
BNA_F
ClientSampled :

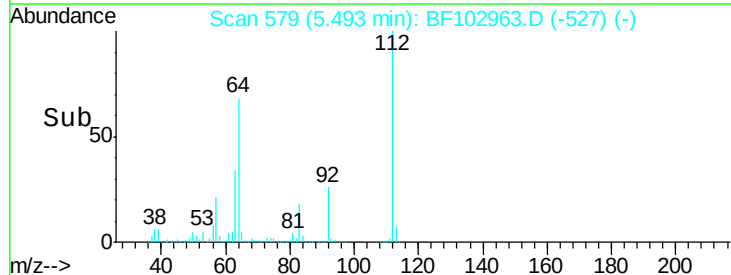
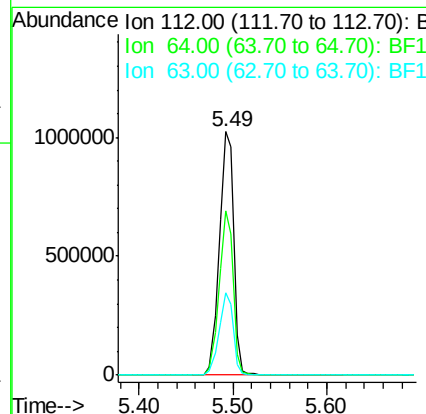
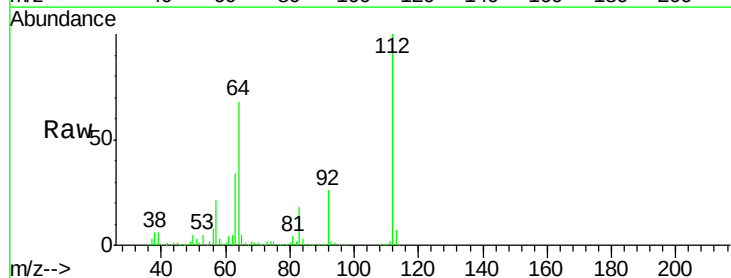
Tot Ion:152 Resp: 170359
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 61.5 50.1 75.1

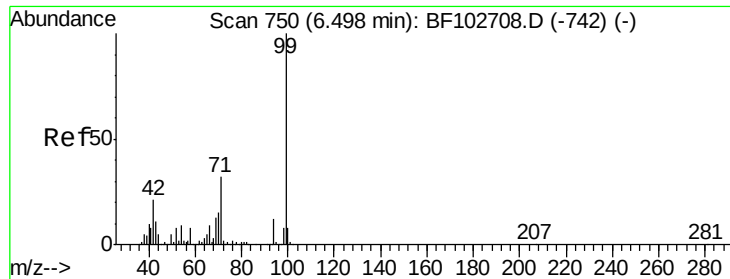


#5

2-Fluorophenol
Concen: 99.13 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Tgt Ion:112 Resp: 1112004
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 33.7 23.7 35.5





#7

Phenol-d6

Concen: 97.19 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

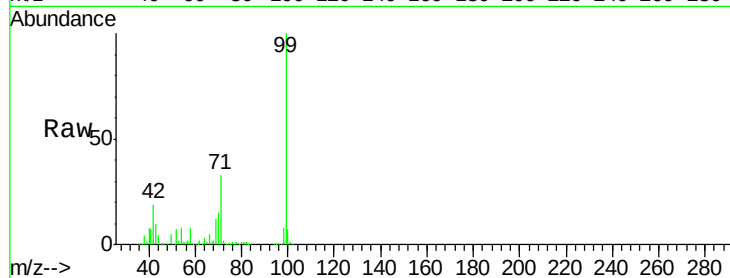
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1312790

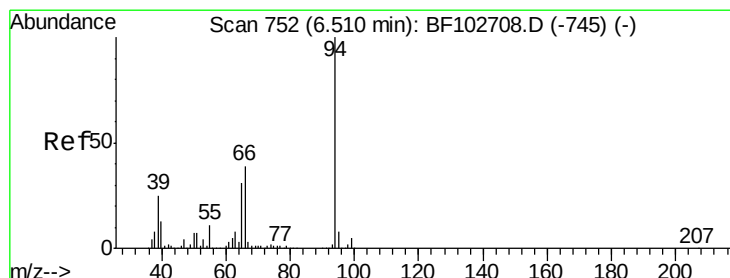
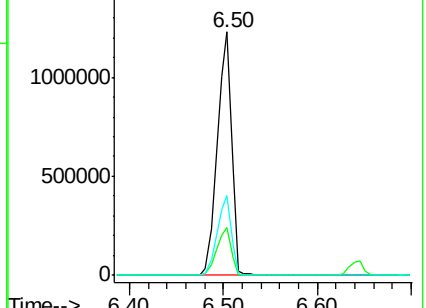
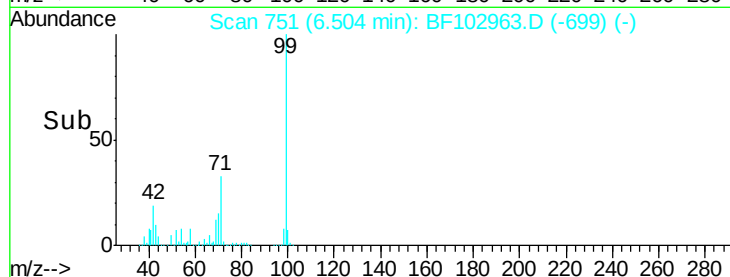
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.6	25.4	38.0



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



#10

Phenol

Concen: 2.21 ng

RT: 6.52 min Scan# 753

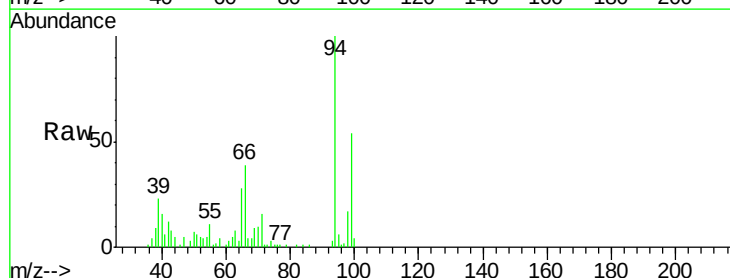
Delta R.T. 0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Tgt Ion: 94 Resp: 31940

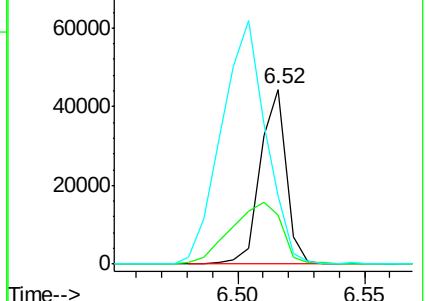
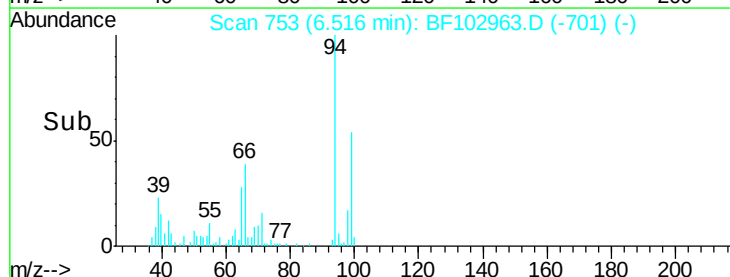
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	39.2	16.2	56.2

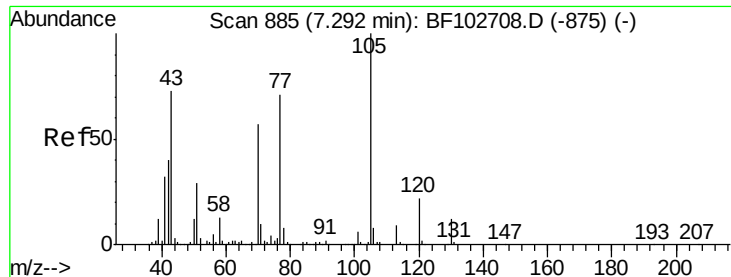


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

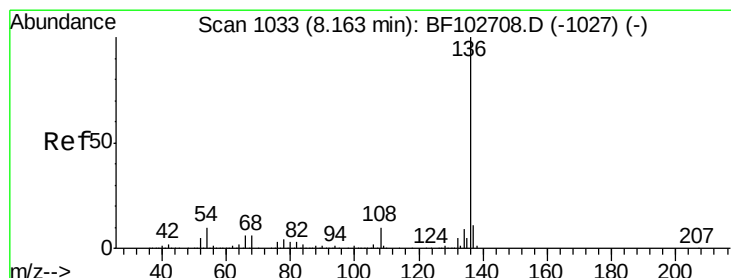
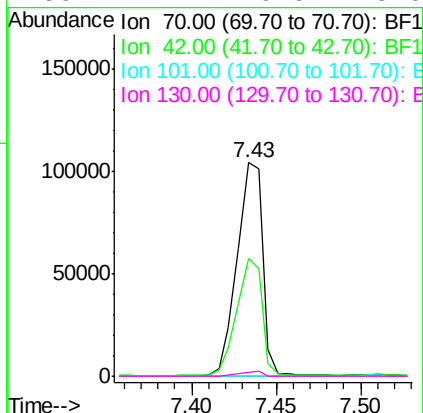
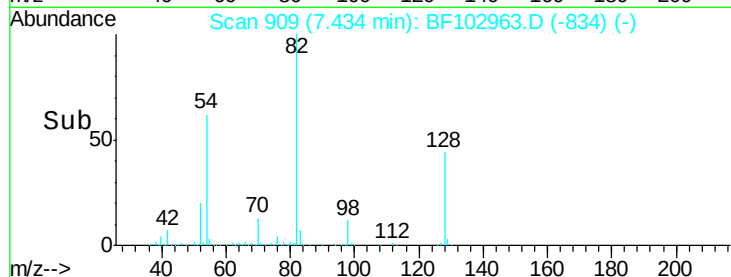
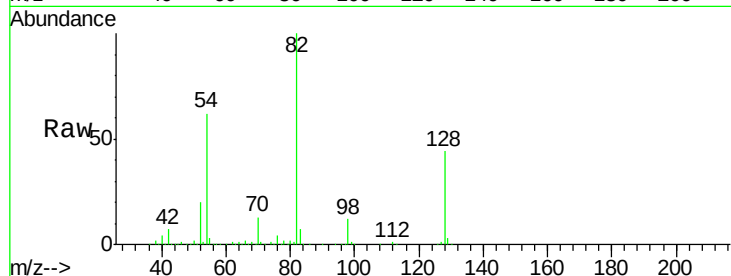




#19
n-Nitroso-di-n-propylamine
Concen: 12.44 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

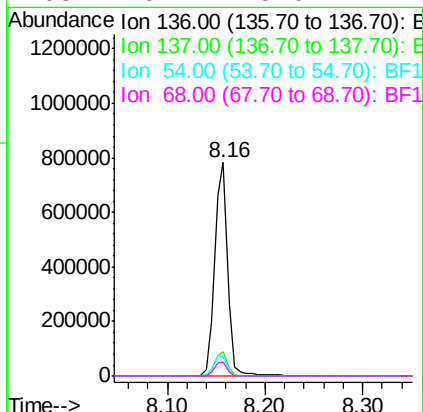
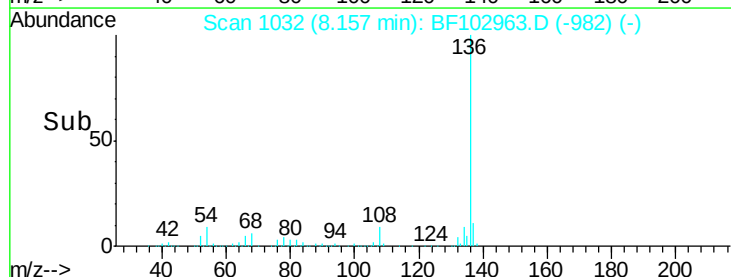
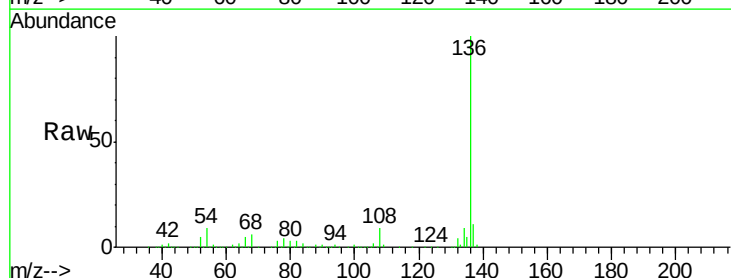
Instrument :
BNA_F
ClientSampleId :

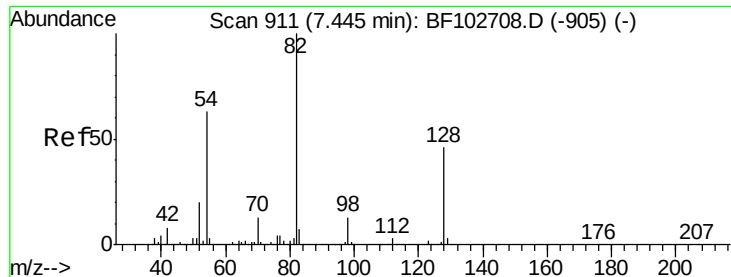
Tot Ion: 70 Resp: 110826
Ion Ratio Lower Upper
70 100
42 55.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Tgt Ion: 136 Resp: 712773
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.2 6.6 9.8
68 6.4 5.0 7.4

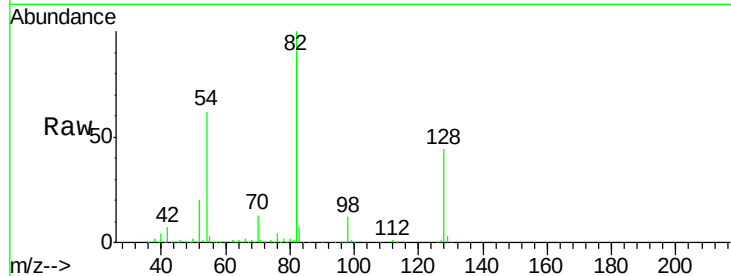




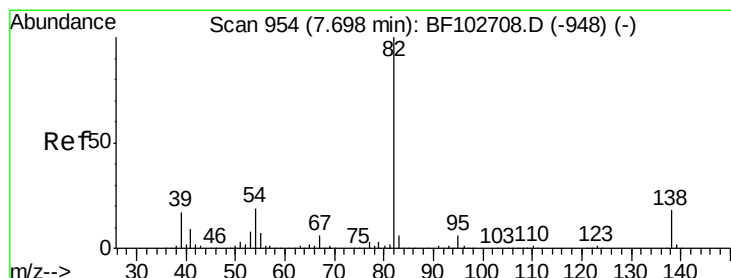
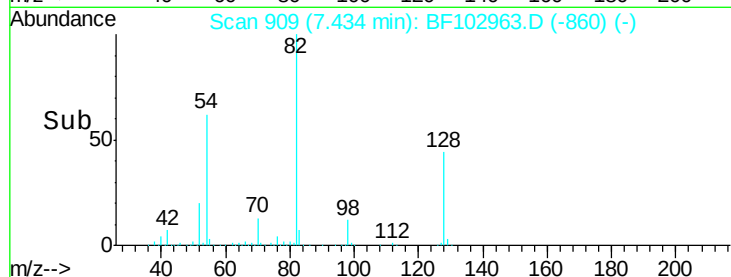
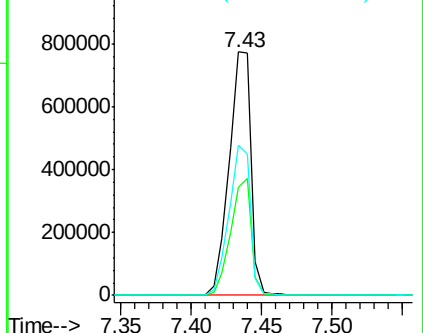
#23
Nitrobenzene-d5
Concen: 81.31 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	835498
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	61.7	41.4	62.2

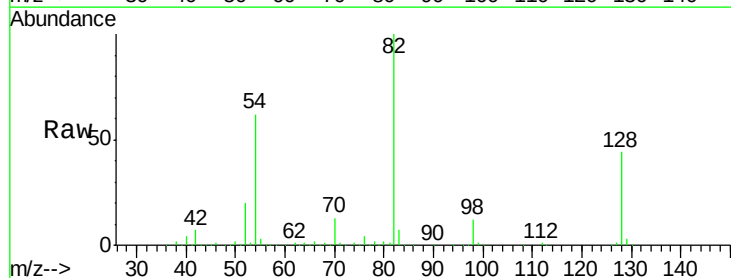


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

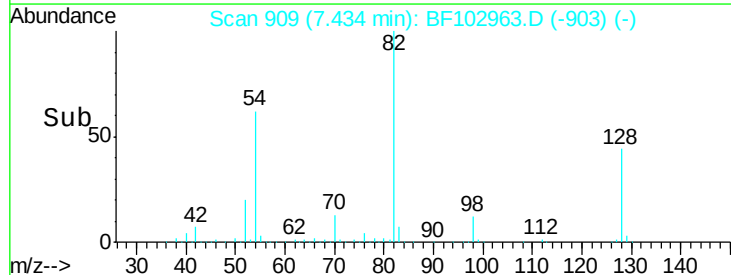
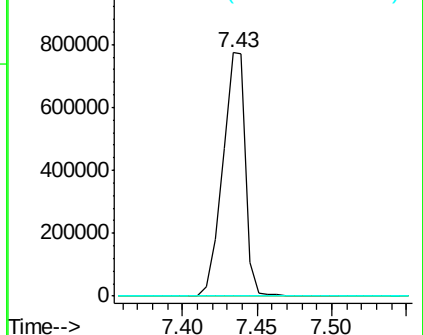


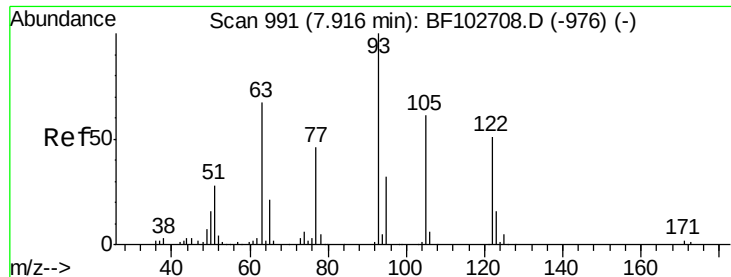
#25
Isophorone
Concen: 35.31 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Tgt Ion	82	Resp	835483
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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





#32

Benzoic acid

Concen: 8.56 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.24 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

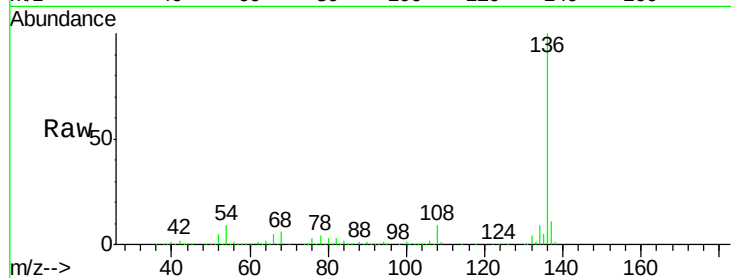
Tot Ion:122 Resp: 143

Ion Ratio Lower Upper

122 100

105 181.8 101.1 141.1#

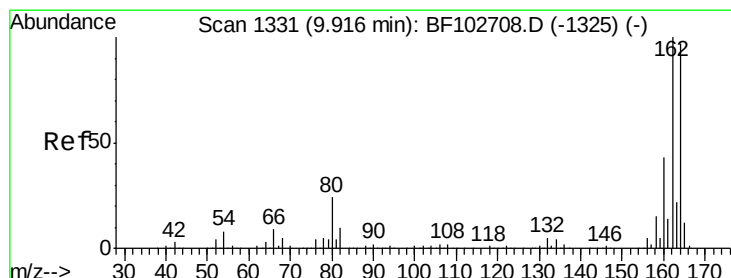
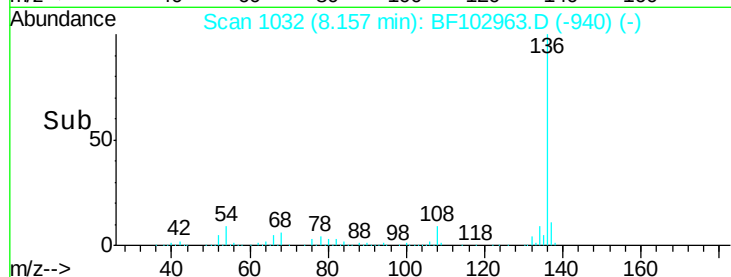
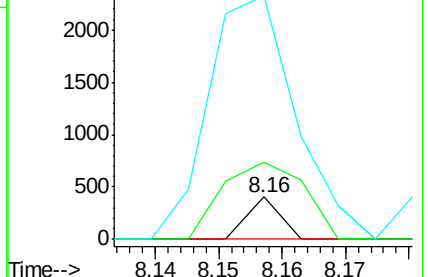
77 572.9 70.7 110.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

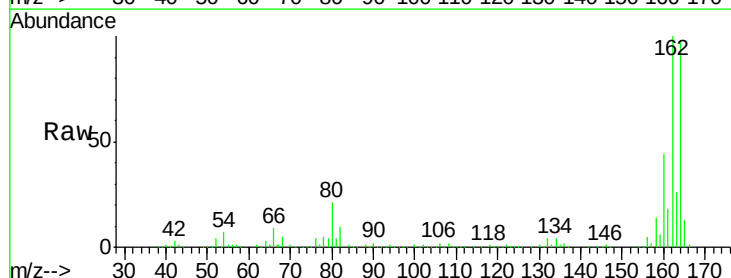
Tgt Ion:164 Resp: 300331

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

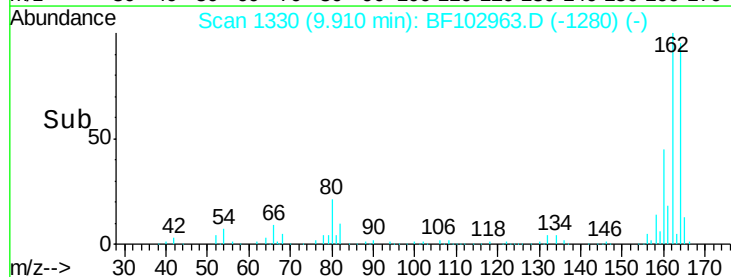
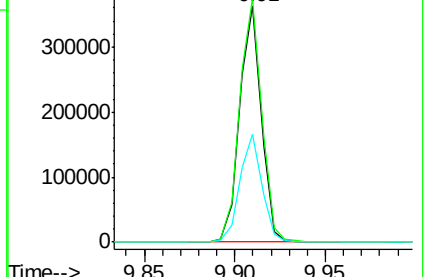
160 45.9 38.3 57.5

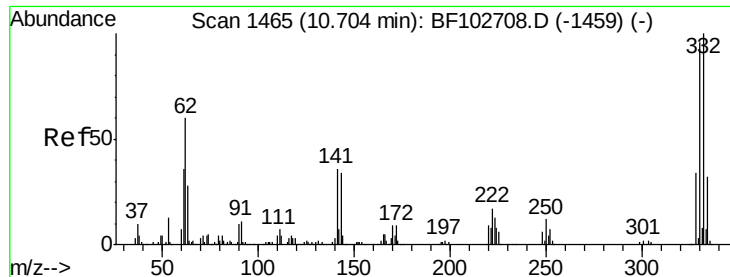


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

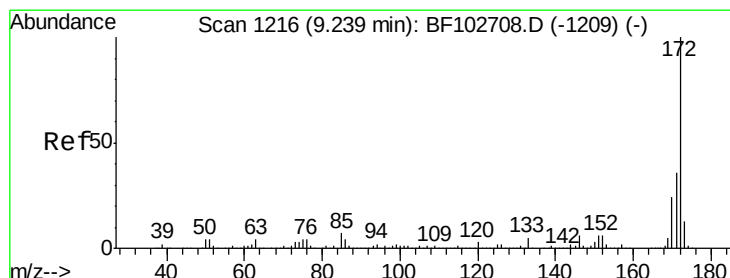
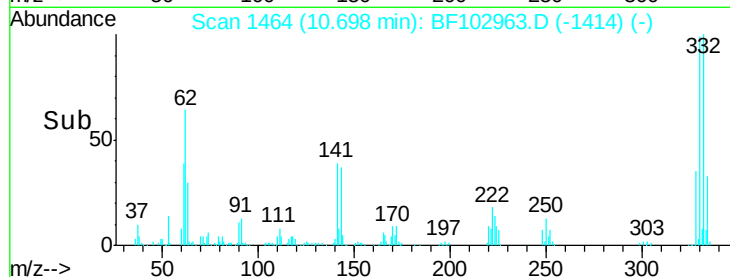
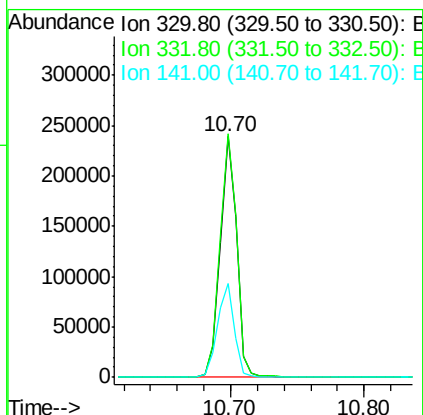
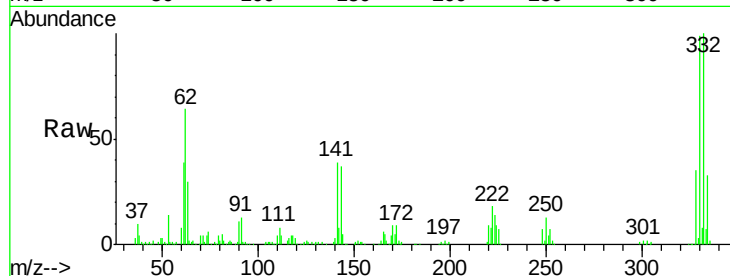




#41
 2,4,6-Tribromophenol
 Concen: 87.34 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

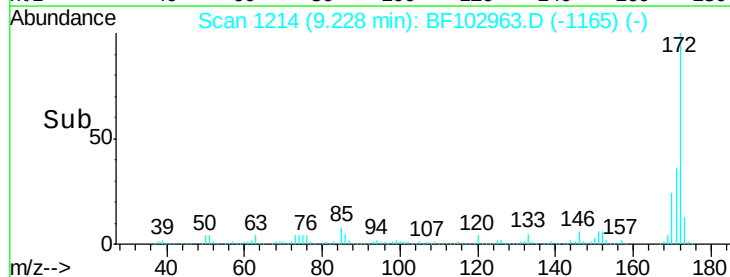
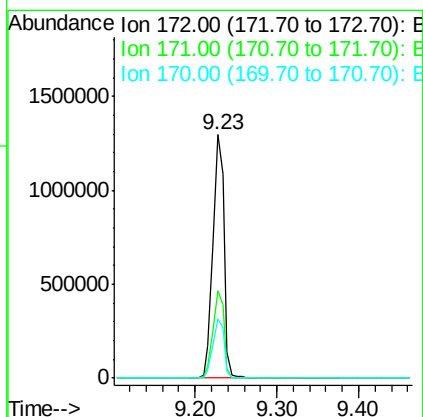
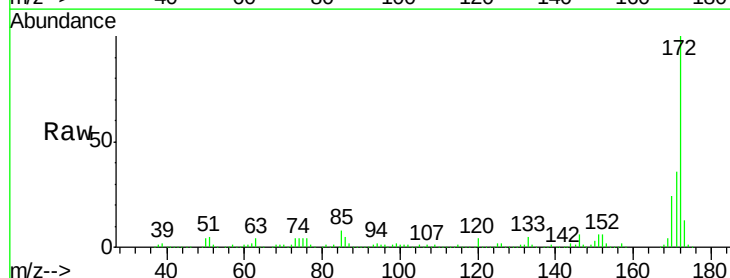
Instrument :
 BNA_F
 ClientSampleId :

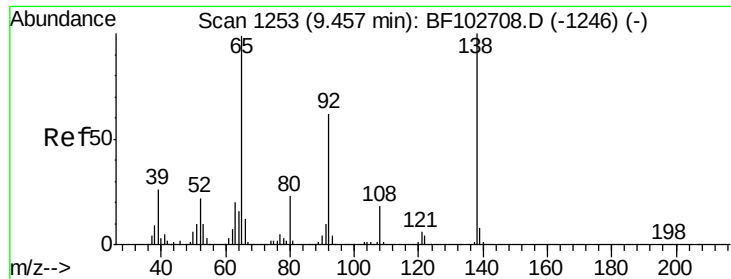
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	39.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 67.68 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4





#47

2-Nitroaniline

Concen: 3.49 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.11 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampled :

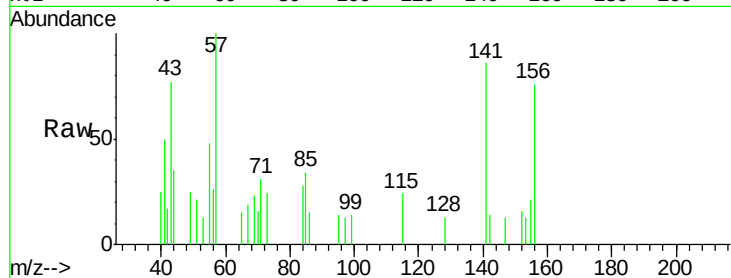
Tot Ion: 65 Resp: 128

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

9.57

400

300

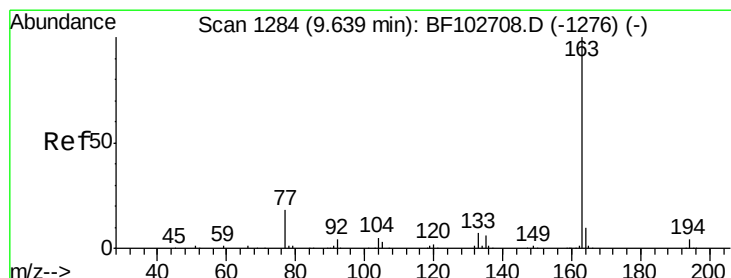
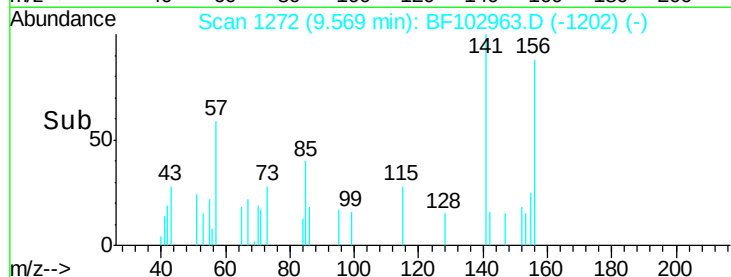
200

100

0

9.55 9.56 9.57 9.58

Time-->



#49

Dimethylphthalate

Concen: 3.03 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

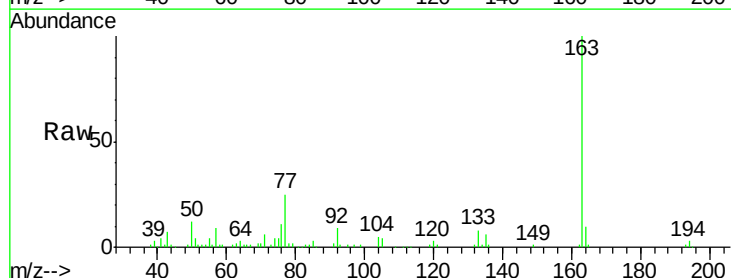
Tgt Ion:163 Resp: 70955

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 9.8 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

9.62

100000

80000

60000

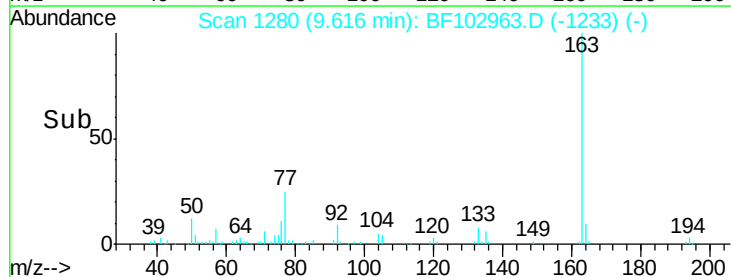
40000

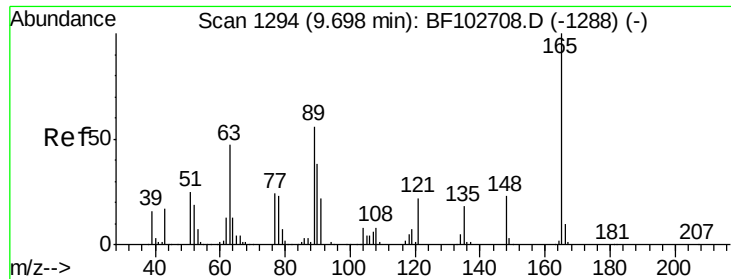
20000

0

9.60 9.65

Time-->

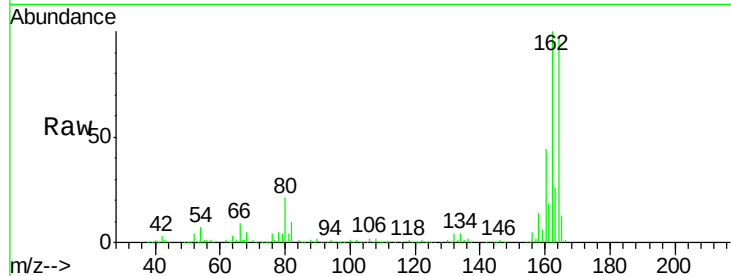




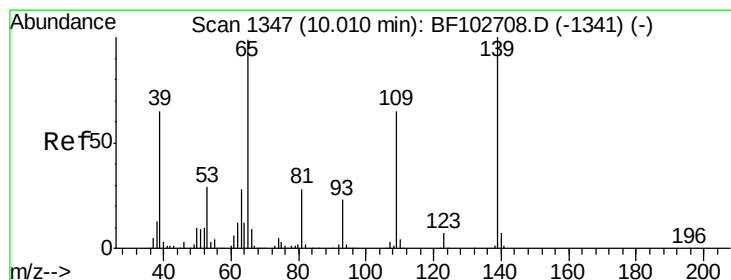
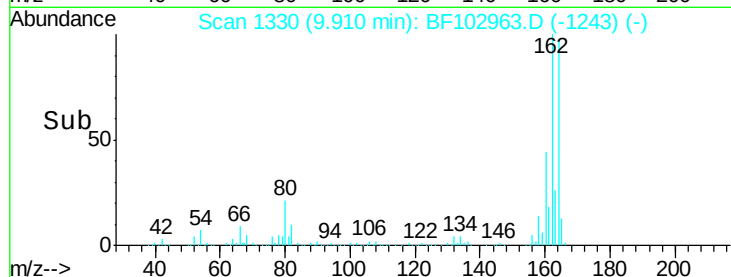
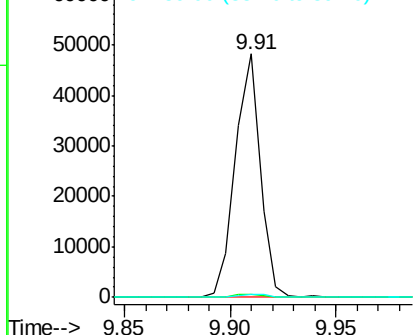
#50
 2,6-Dinitrotoluene
 Concen: 8.84 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 39377
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.4 44.0 66.0#

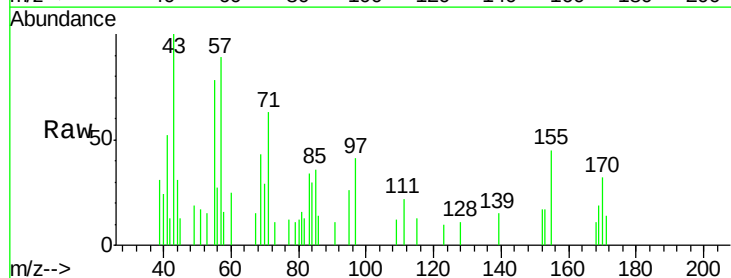


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

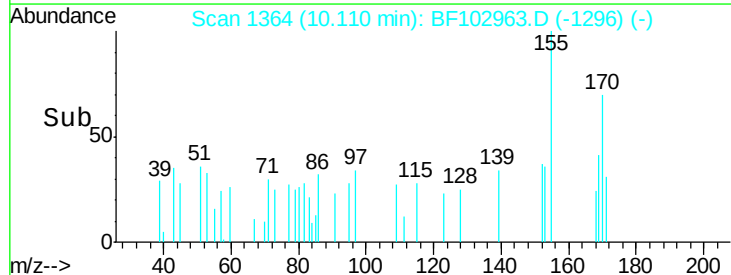
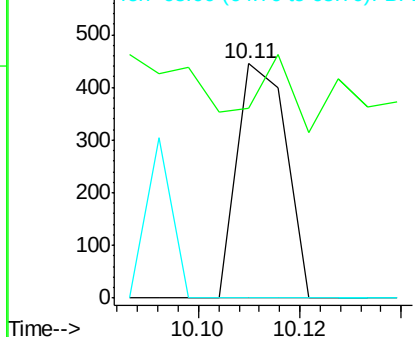


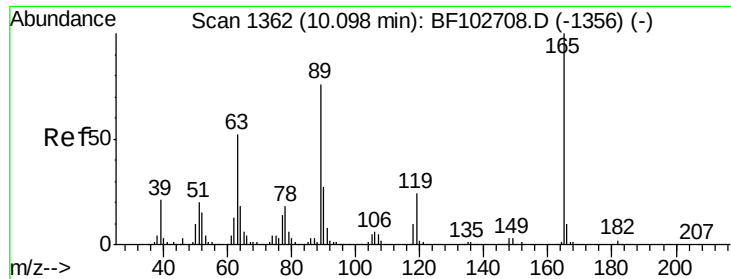
#55
 4-Nitrophenol
 Concen: 4.09 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.10 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Tgt Ion:139 Resp: 298
 Ion Ratio Lower Upper
 139 100
 109 80.9 48.4 88.4
 65 0.0 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

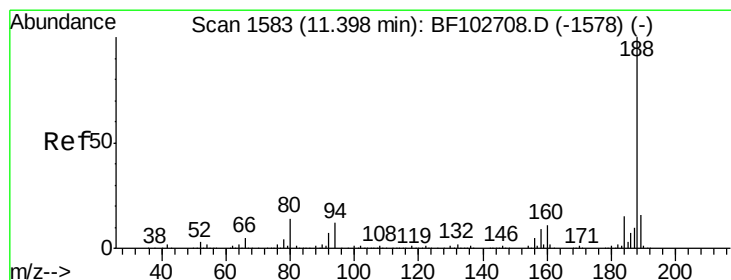
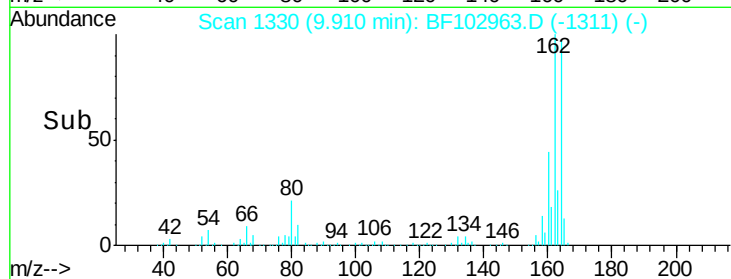
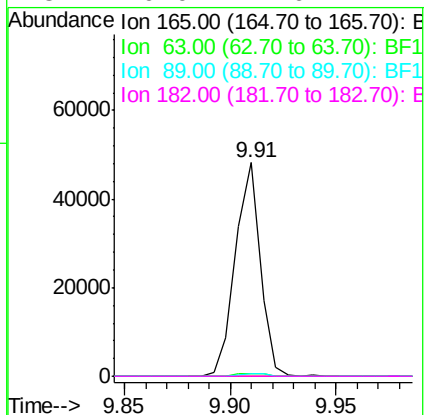
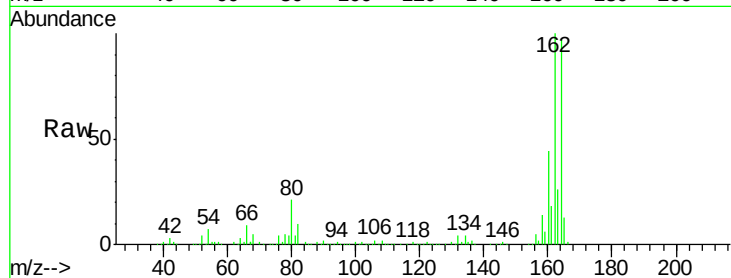




#56
 2,4-Dinitrotoluene
 Concen: 9.24 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

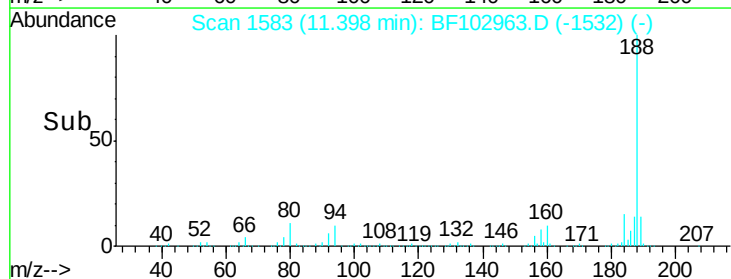
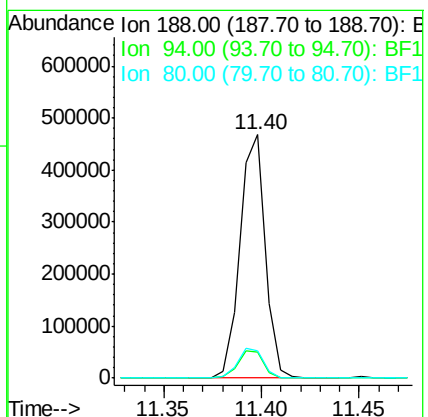
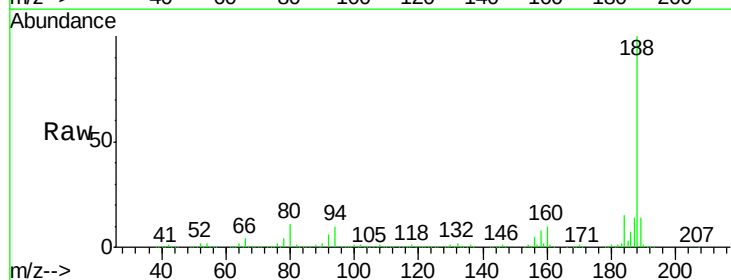
Instrument :
 BNA_F
 ClientSampleId :

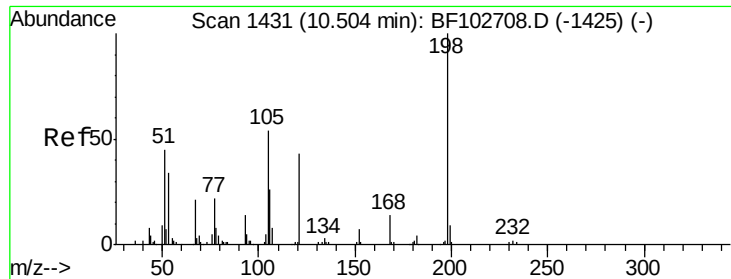
Tot Ion:165	Resp:	39377
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Tgt Ion:188	Resp:	419973
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.2	9.2 13.8

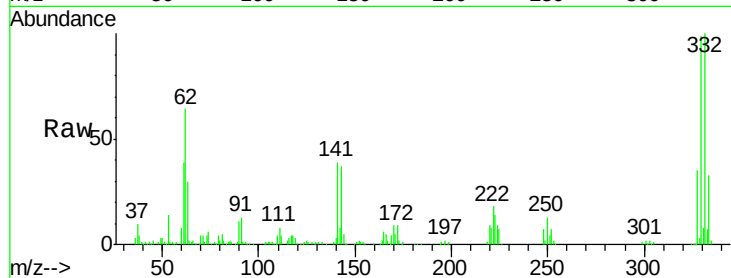




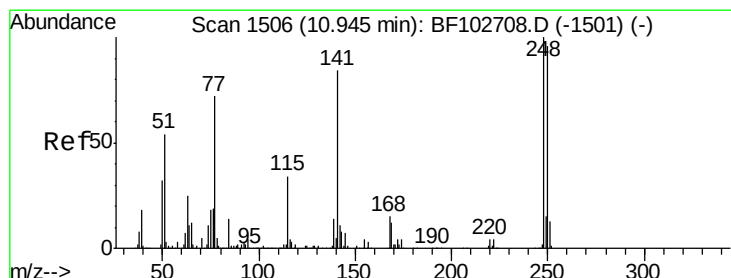
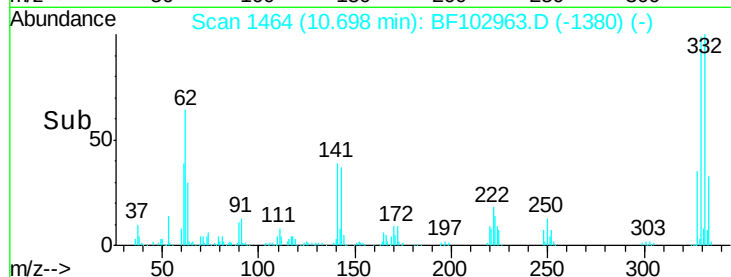
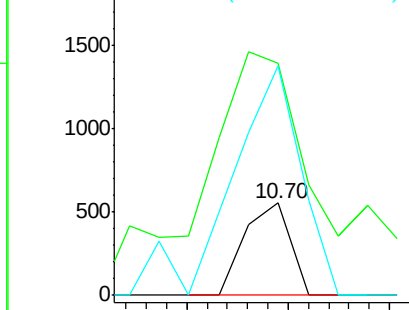
#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 346
Ion Ratio Lower Upper
198 100
51 251.0 37.7 77.7#
105 248.5 36.3 76.3#

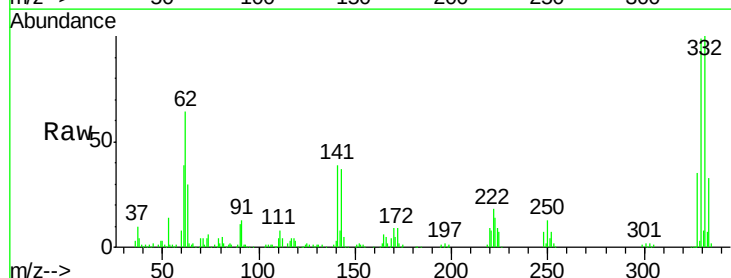


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

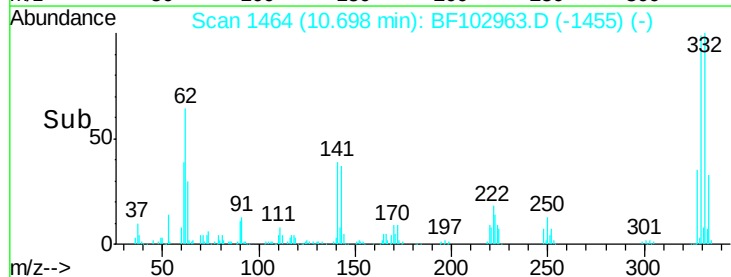
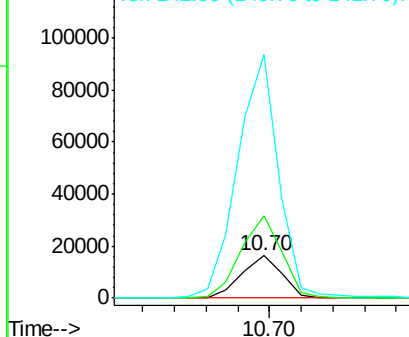


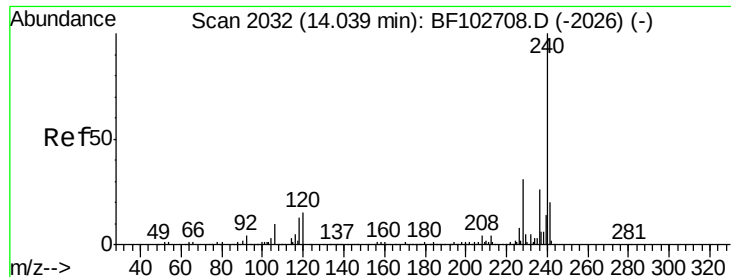
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Tgt Ion:248 Resp: 14426
Ion Ratio Lower Upper
248 100
250 194.4 76.9 115.3#
141 572.6 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

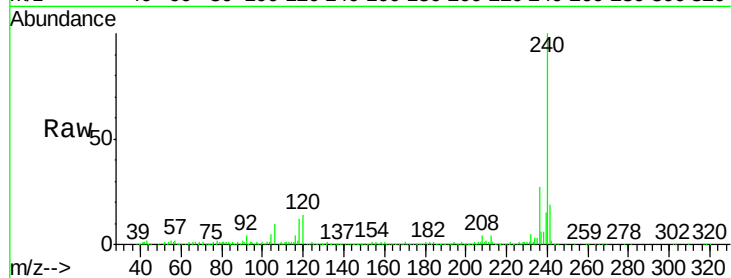
Tot Ion:240 Resp: 300727

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

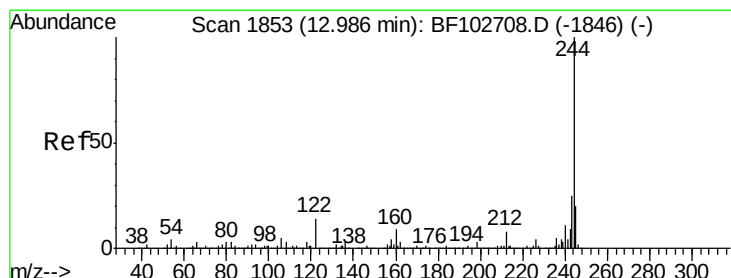
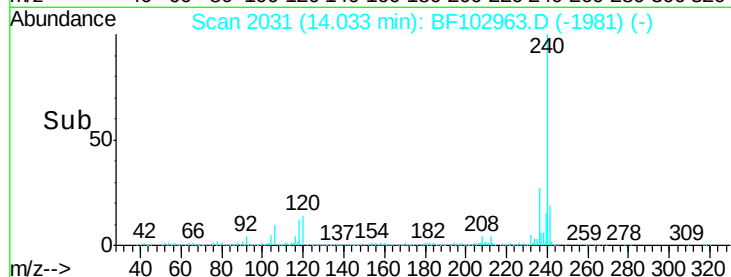
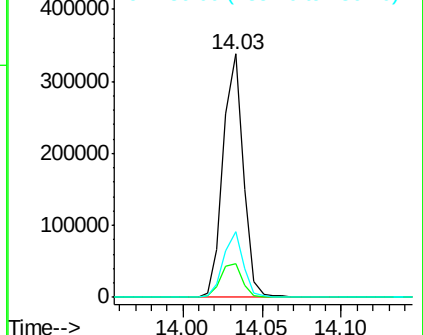
236 27.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 60.12 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

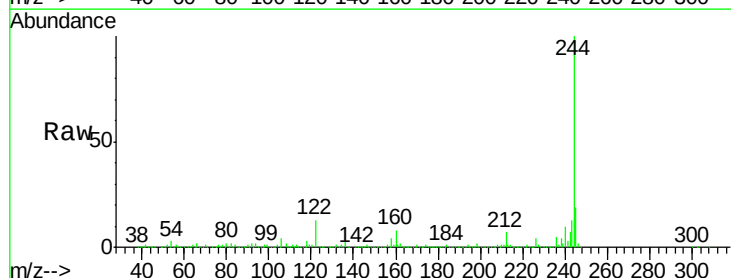
Tgt Ion:244 Resp: 763597

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

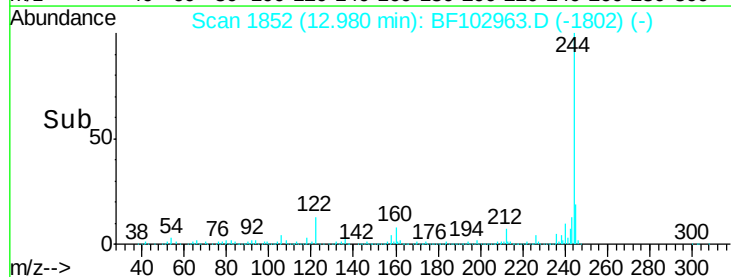
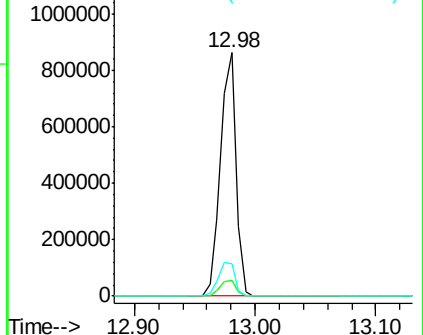
122 13.5 11.0 16.4

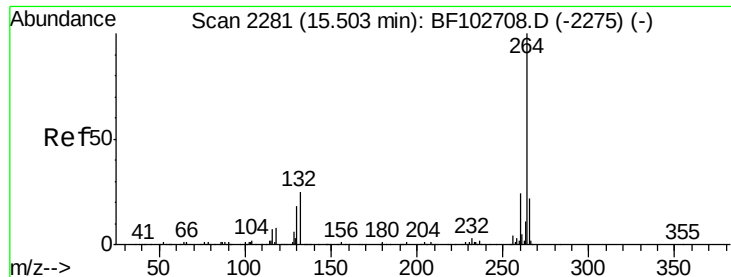


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	17.5	26.3

