

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102770.D
 Acq On : 6 Feb 2018 6:38
 Operator : SJ/JU
 Sample : J1454-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 07:26:23 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 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	208509	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	872241	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	380696	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	571069	20.00	ng	0.00
75) Chrysene-d12	14.04	240	372628	20.00	ng	-0.01
86) Perylene-d12	15.52	264	321314	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1282468	93.41	ng	0.00
7) Phenol-d6	6.50	99	1528254	92.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	950753	75.61	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	285746	93.25	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1359607	59.26	ng	0.00
78) Terphenyl-d14	12.99	244	980862	62.33	ng	0.00

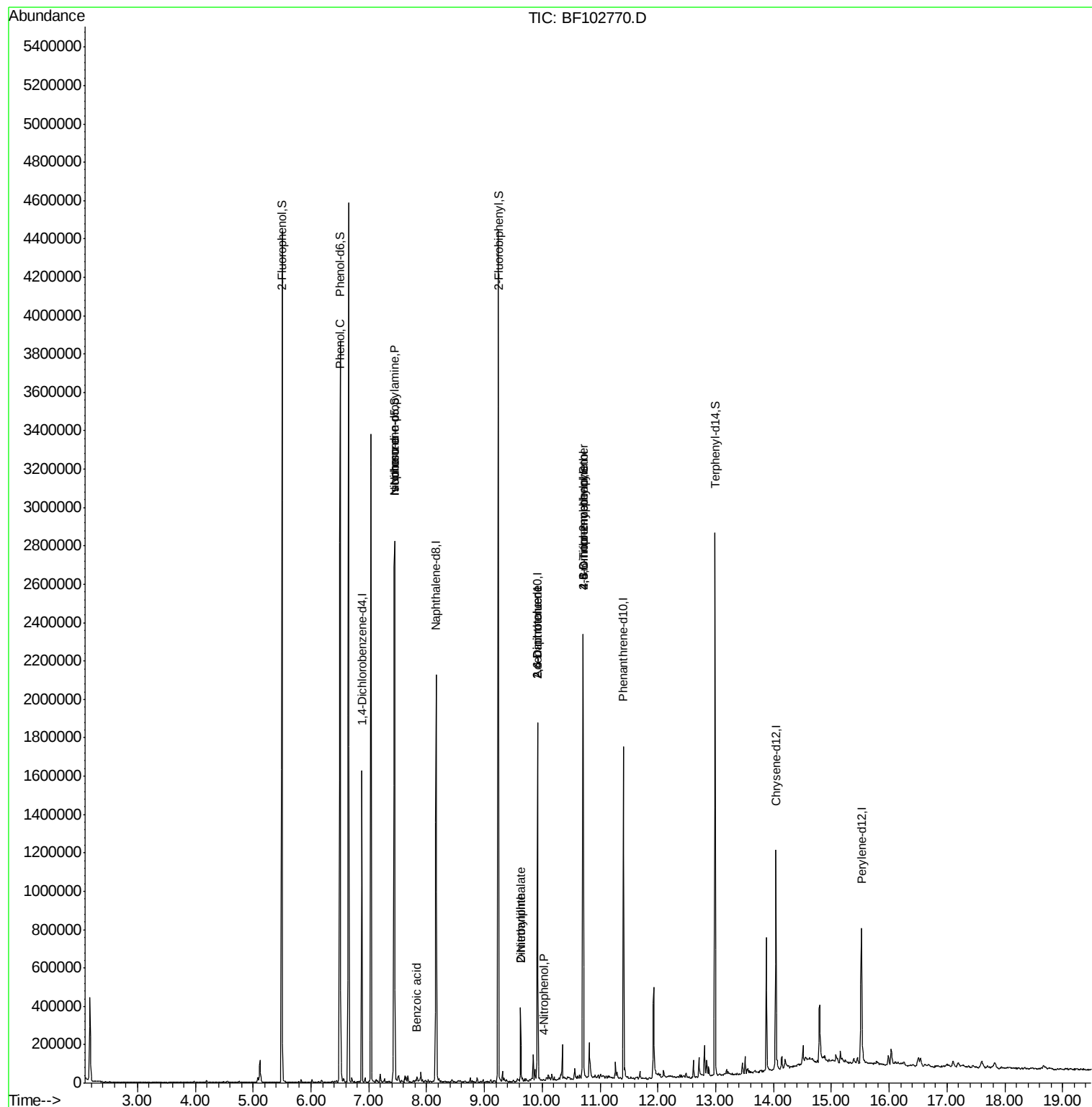
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	40485	2.285	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	127297	11.679	ng	# 79
25) Isophorone	7.45	82	950742	32.838	ng	# 64
32) Benzoic acid	7.84	122	5065	9.110	ng	98
47) 2-Nitroaniline	9.63	65	1172	3.612	ng	# 1
49) Dimethylphthalate	9.63	163	125962	4.243	ng	99
50) 2,6-Dinitrotoluene	9.92	165	47815	8.467	ng	# 25
55) 4-Nitrophenol	10.02	139	110	4.042	ng	# 21
56) 2,4-Dinitrotoluene	9.92	165	47815	8.984	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	605	9.028	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	18524	3.066	ng	# 1

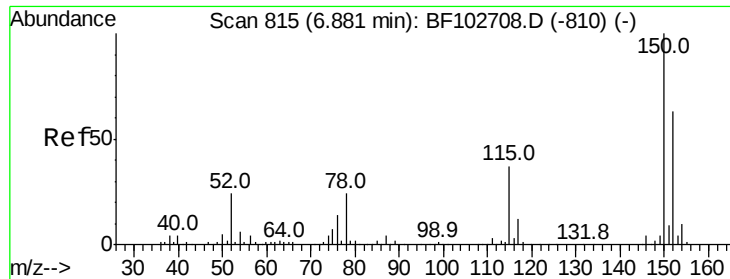
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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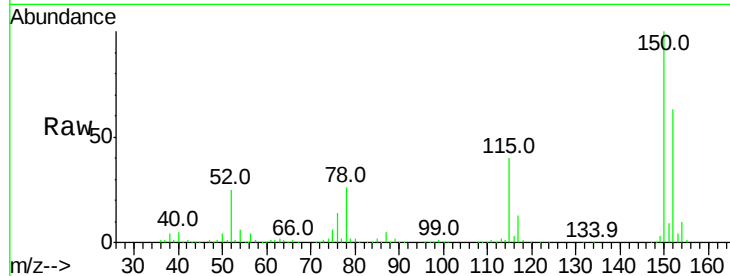


#1

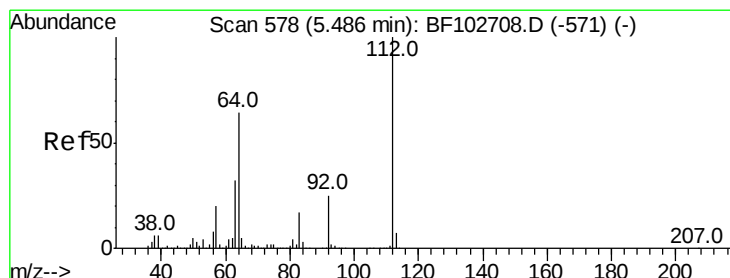
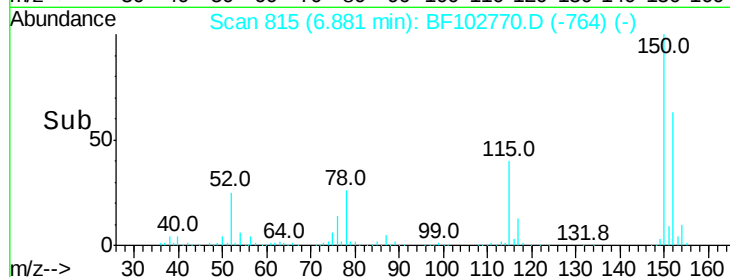
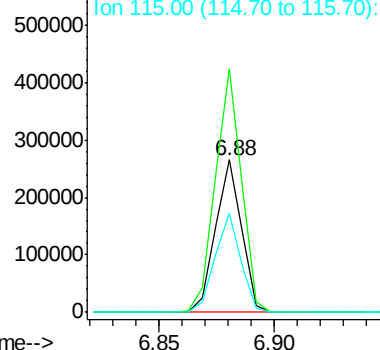
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208509
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 64.7 50.1 75.1



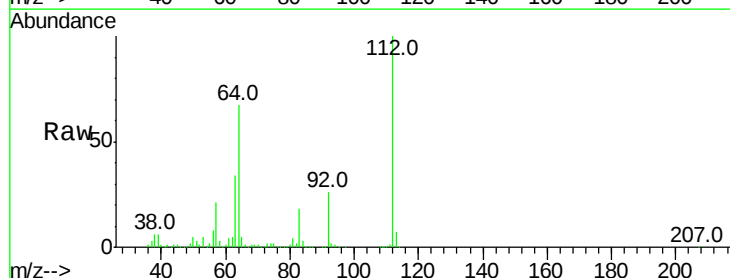
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



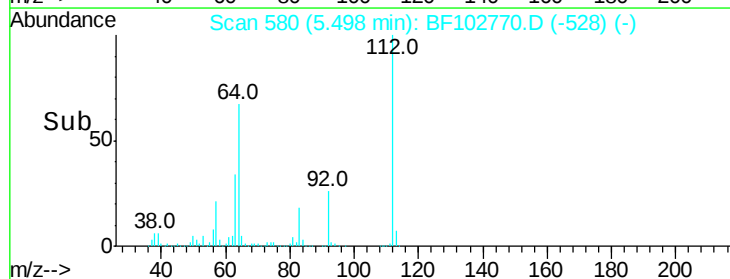
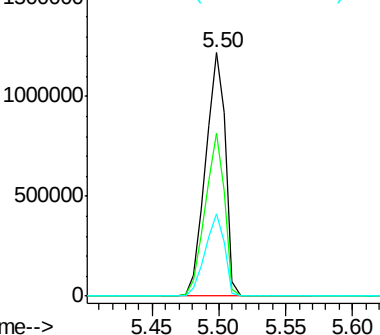
#5

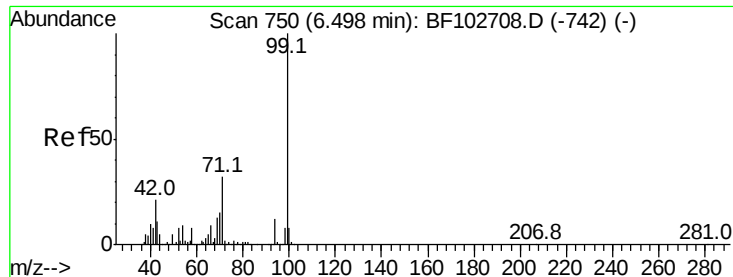
2-Fluorophenol
Concen: 93.408 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:112 Resp: 1282468
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 33.6 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: 92.445 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Instrument :

BNA_F

ClientSampleId :

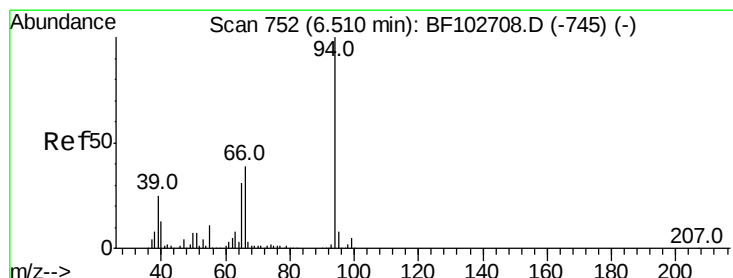
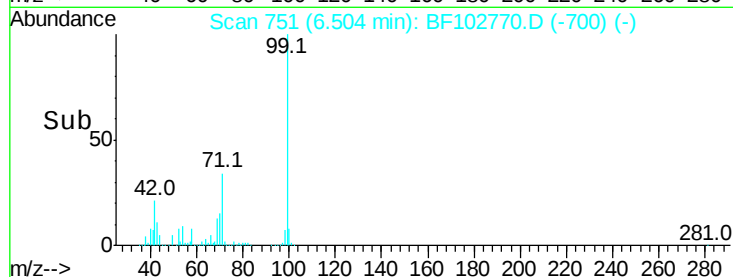
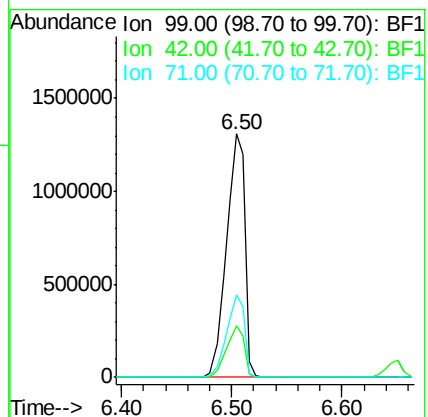
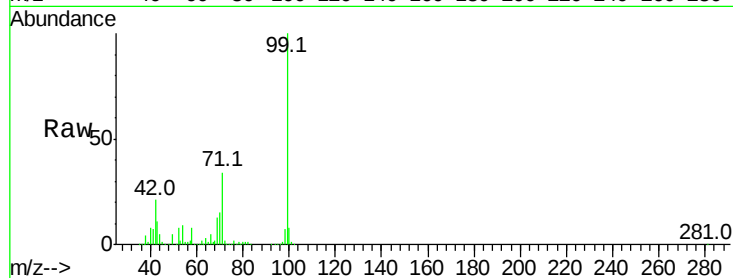
Tot Ion: 99 Resp: 1528254

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 2.285 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

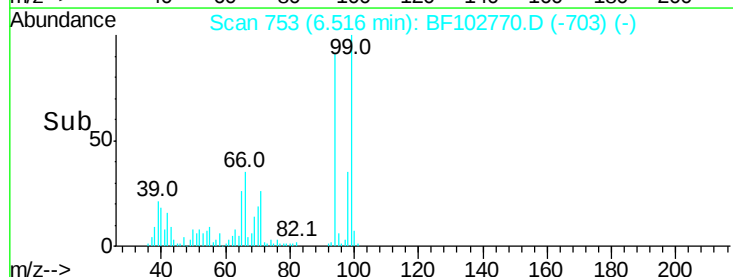
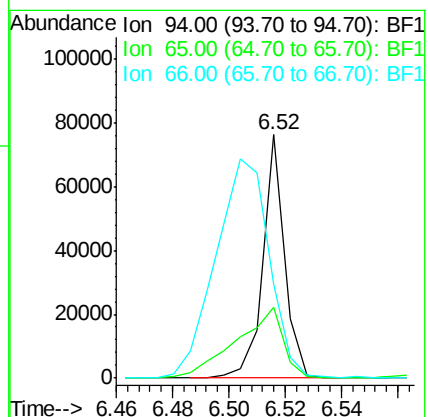
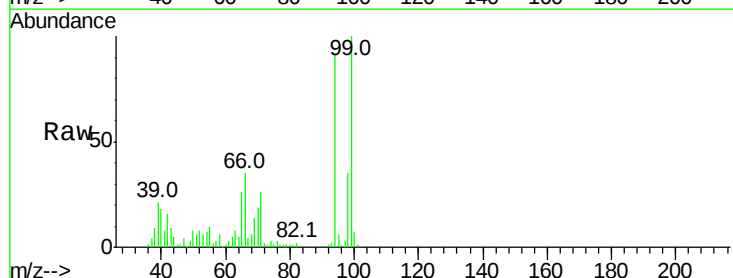
Tgt Ion: 94 Resp: 40485

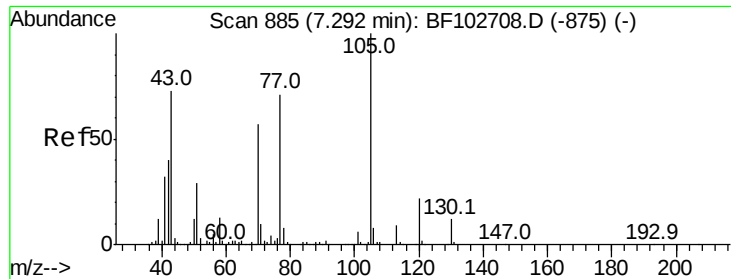
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 38.4 16.2 56.2

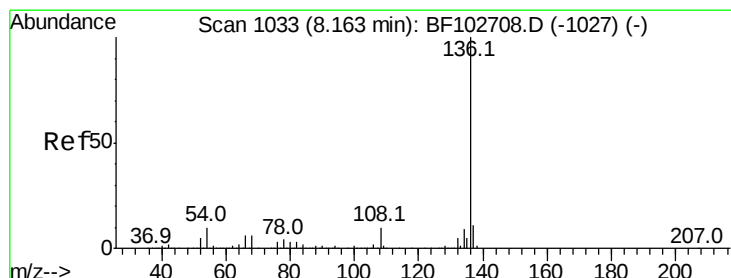
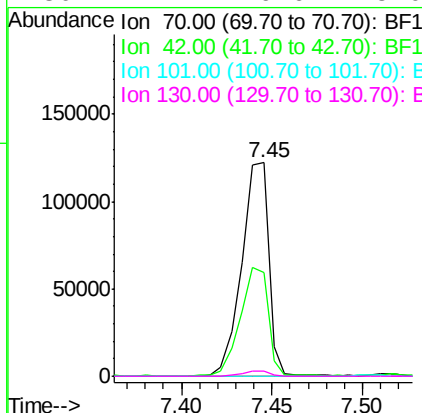
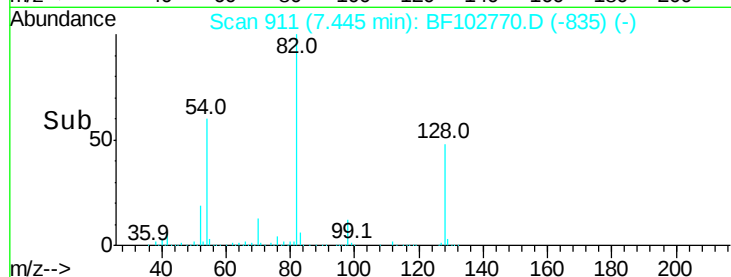
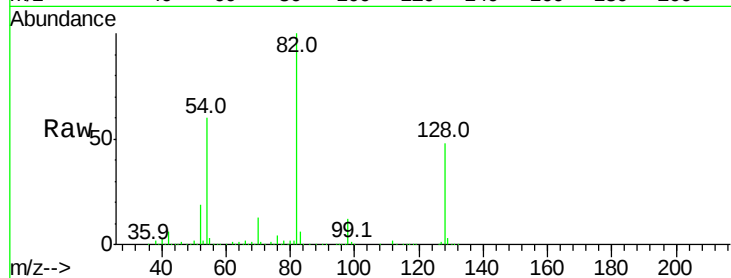




#19
n-Nitroso-di-n-propylamine
Concen: 11.679 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

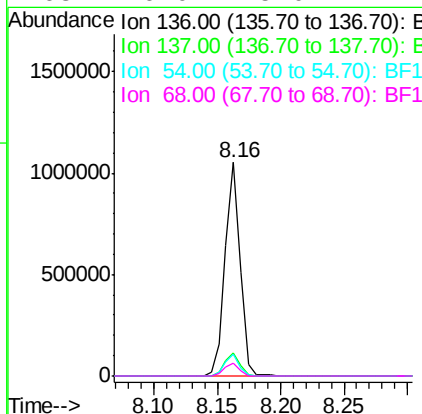
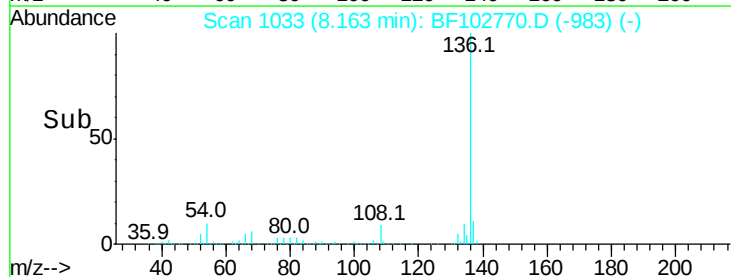
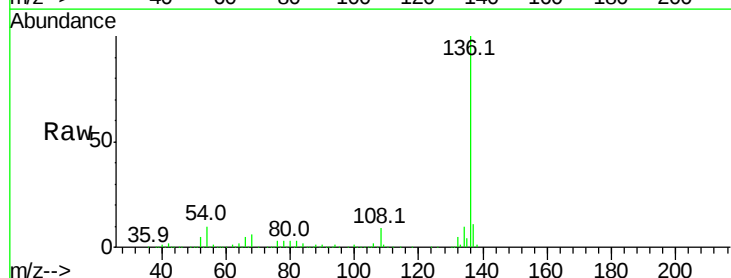
Instrument :
BNA_F
ClientSampleId :

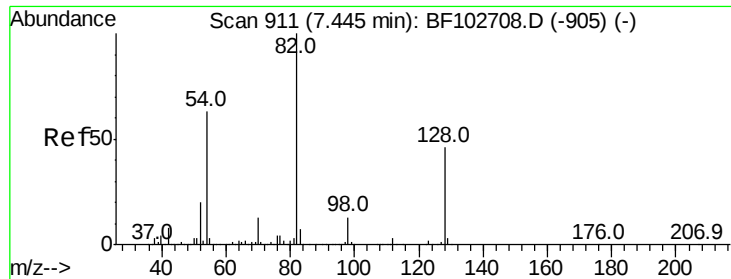
Tot Ion: 70 Resp: 127297
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:136 Resp: 872241
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.0 6.6 9.8#
68 6.0 5.0 7.4

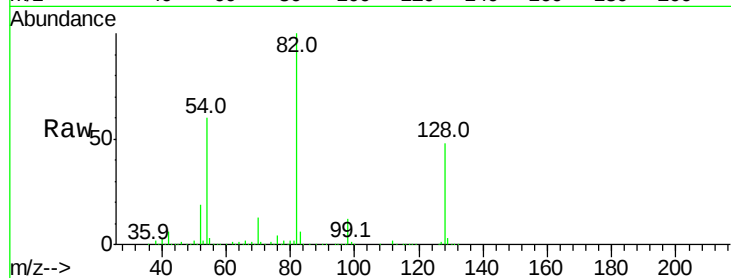




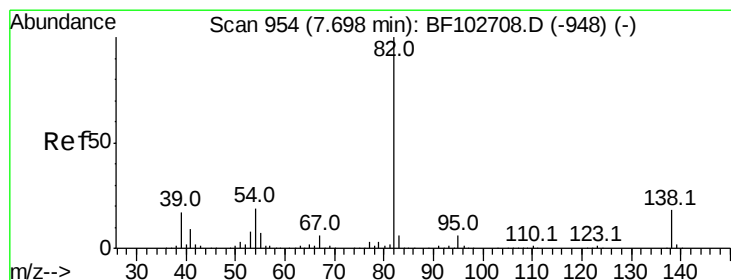
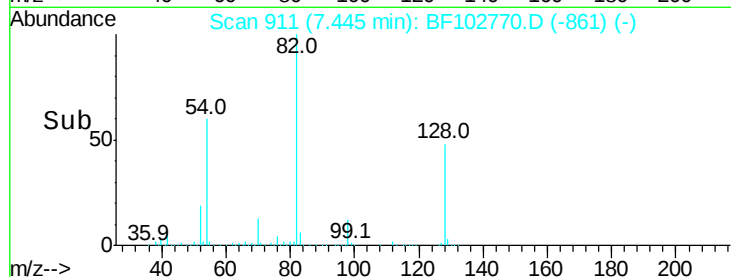
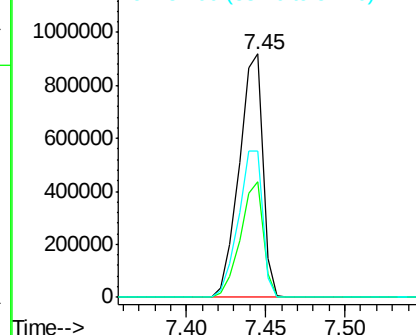
#23
Nitrobenzene-d5
Concen: 75.615 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	950753
Ion Ratio	Lower	Upper	
82	100		
128	47.7	36.1	54.1
54	59.9	41.4	62.2

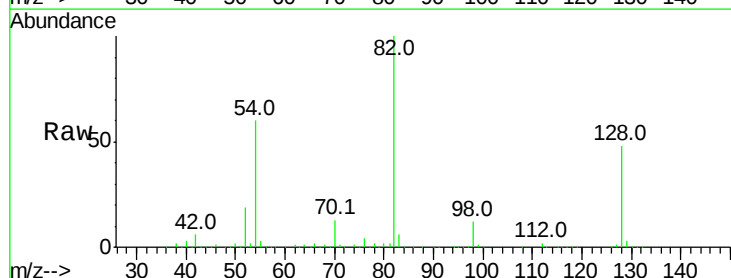


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

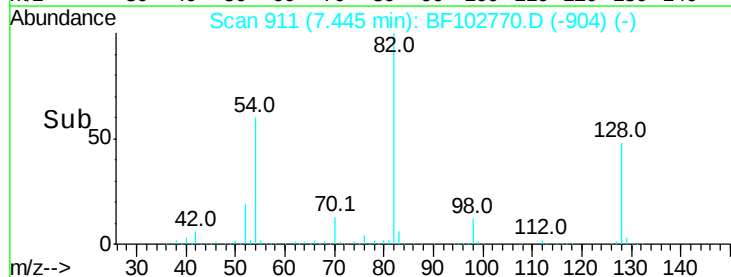
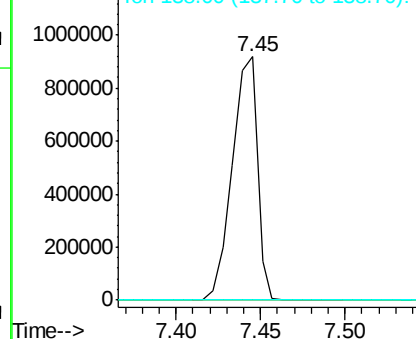


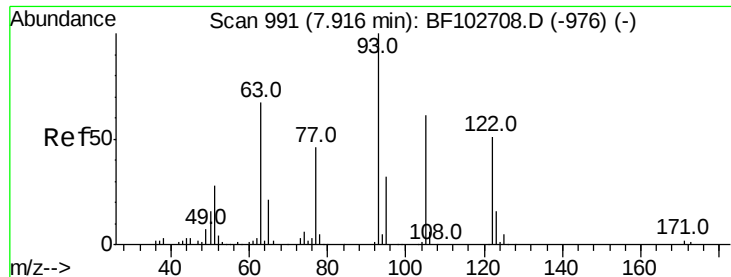
#25
Isophorone
Concen: 32.838 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion	82	Resp	950742
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

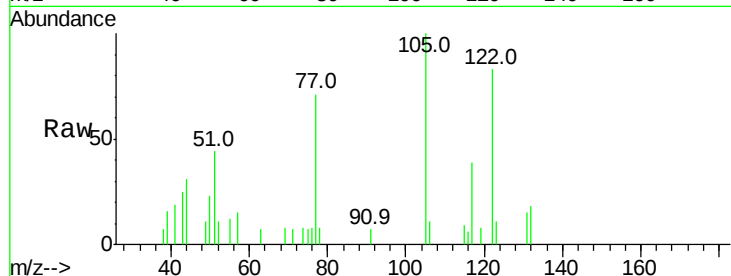




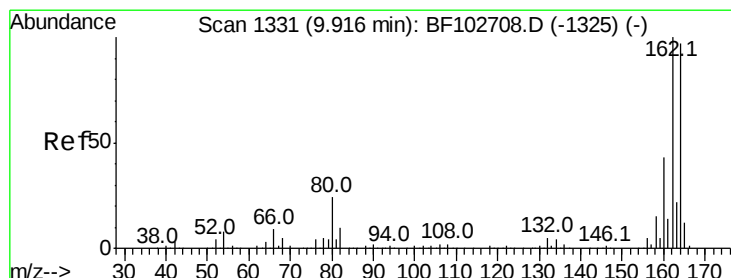
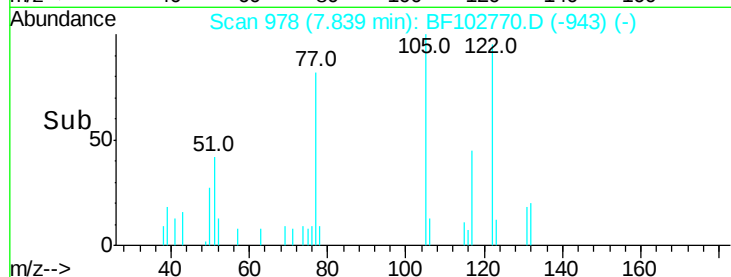
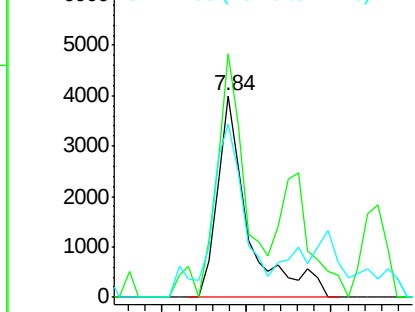
#32
Benzoic acid
Concen: 9.110 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 5065
Ion Ratio Lower Upper
122 100
105 120.7 101.1 141.1
77 86.2 70.7 110.7

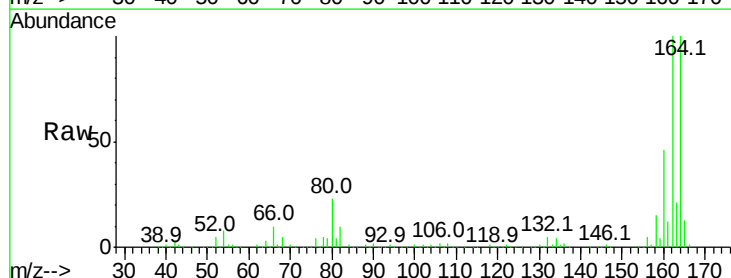


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

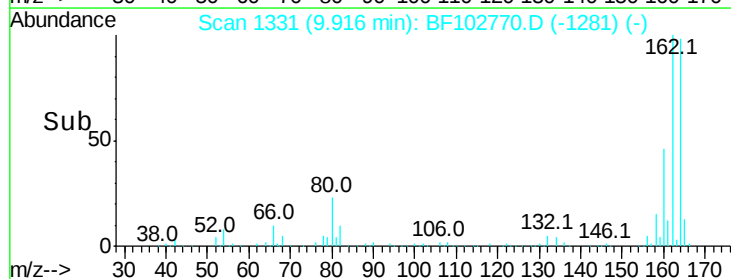
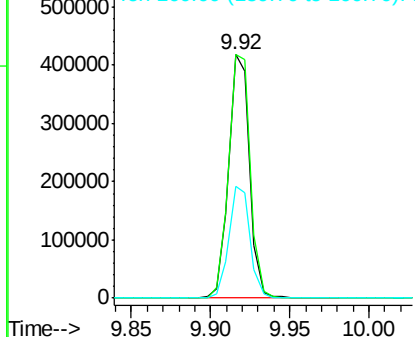


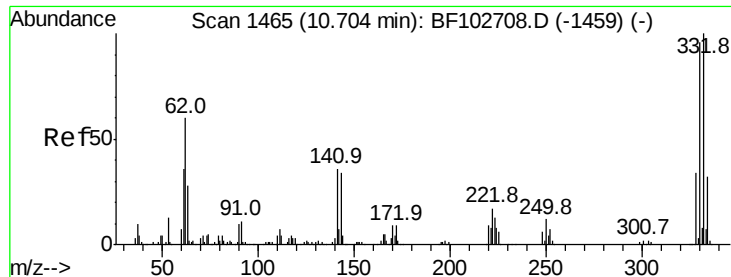
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:164 Resp: 380696
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 45.7 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

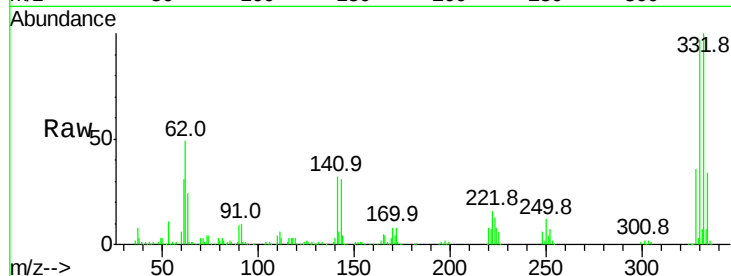




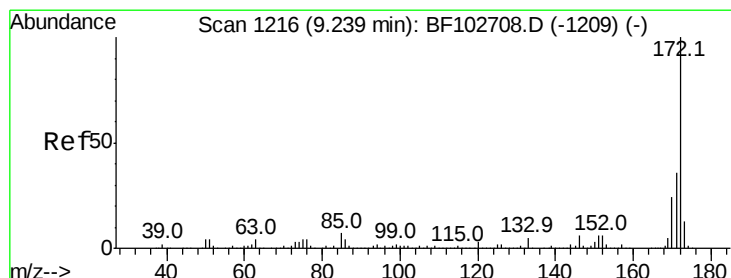
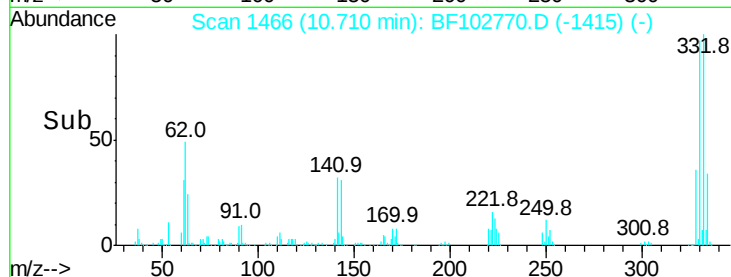
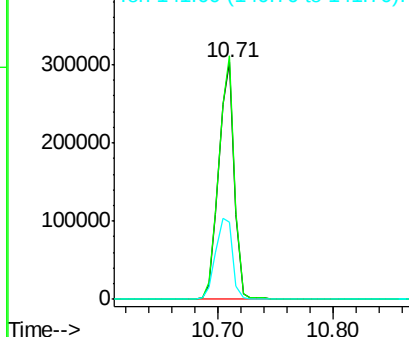
#41
 2,4,6-Tribromophenol
 Concen: 93.254 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 285746
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 37.6 29.9 44.9

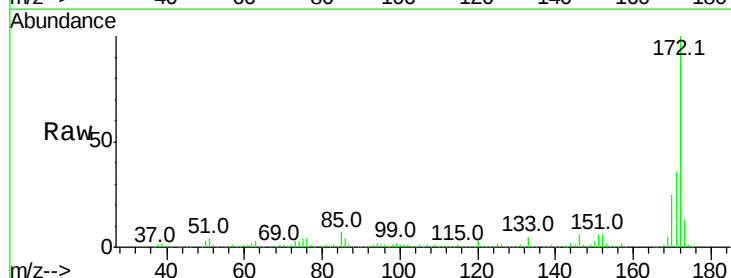


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

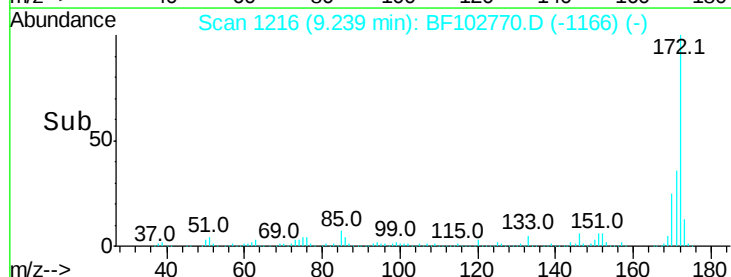
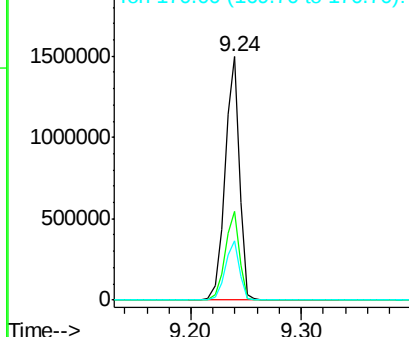


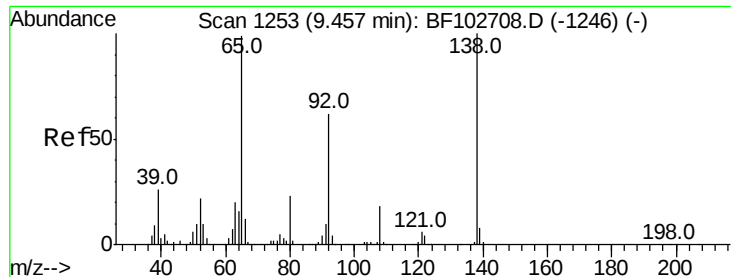
#44
 2-Fluorobiphenyl
 Concen: 59.262 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Tgt Ion:172 Resp: 1359607
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4



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

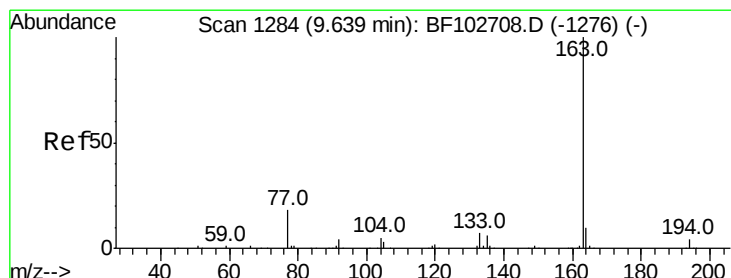
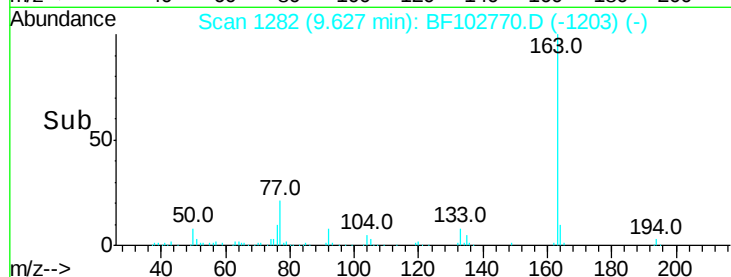
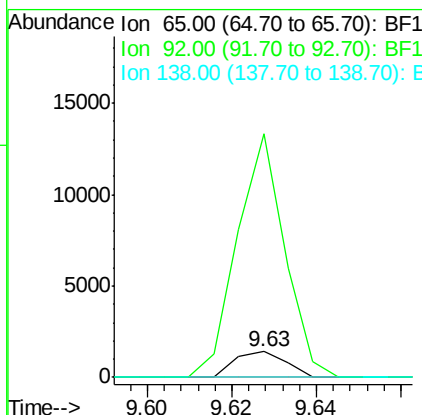
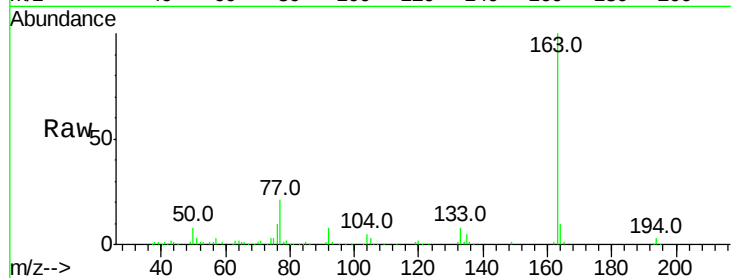




#47
2-Nitroaniline
Concen: 3.612 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

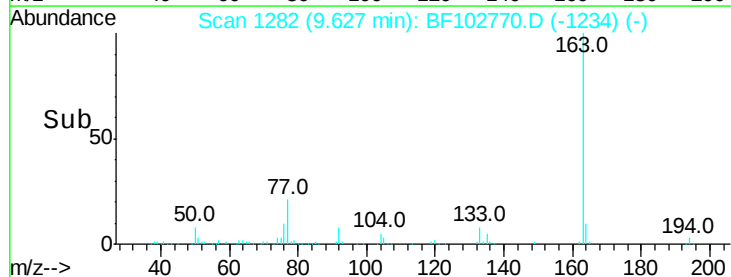
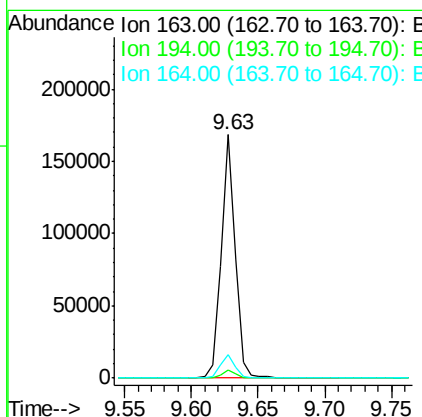
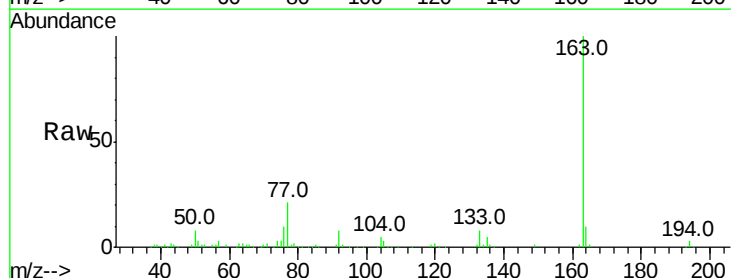
Instrument :
BNA_F
ClientSampleId :

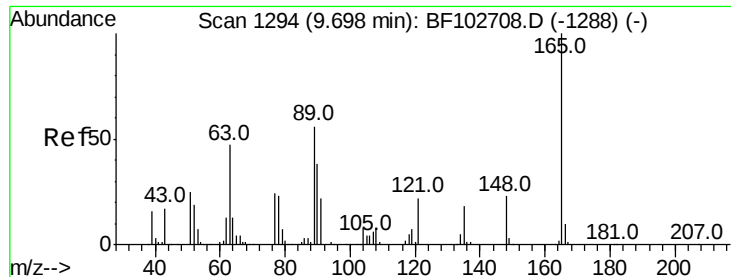
Tot Ion: 65 Resp: 1172
Ion Ratio Lower Upper
65 100
92 953.9 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.243 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102770.D
Acq: 6 Feb 2018 6:38

Tgt Ion:163 Resp: 125962
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 8.2 12.2

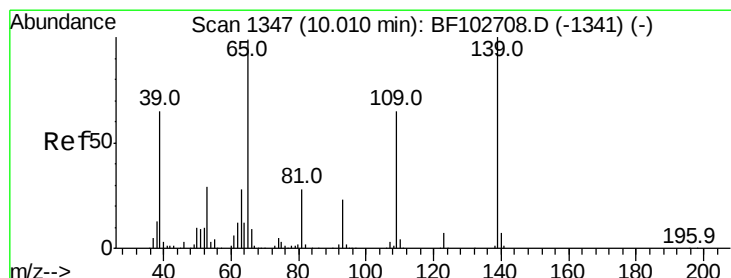
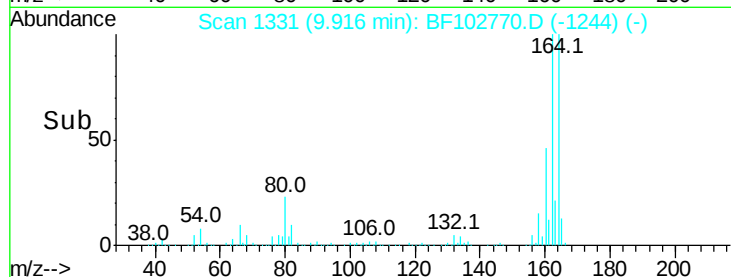
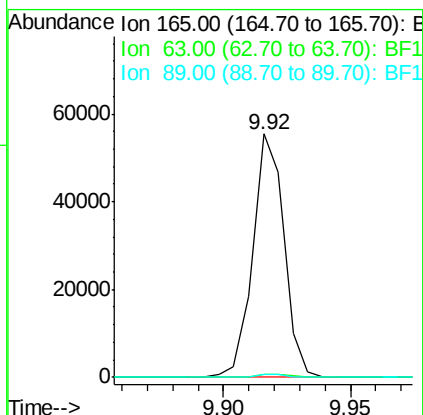
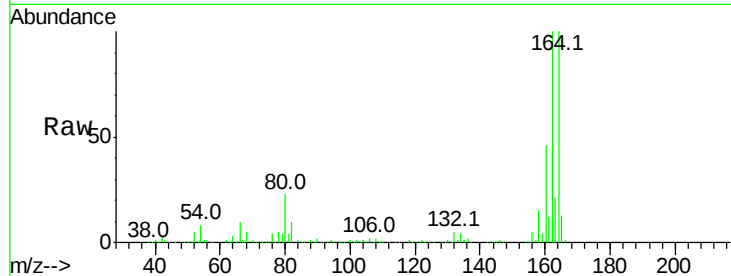




#50
 2,6-Dinitrotoluene
 Concen: 8.467 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

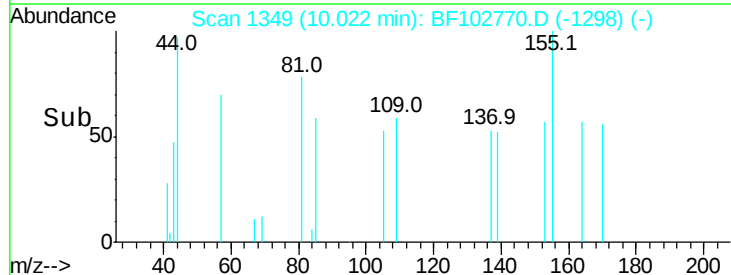
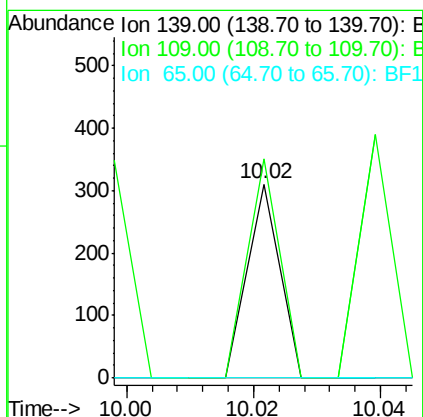
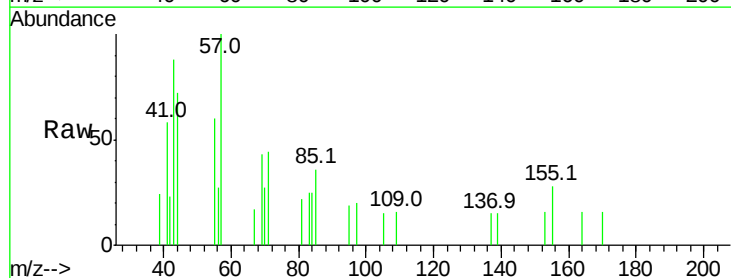
Instrument :
 BNA_F
 ClientSampleId :

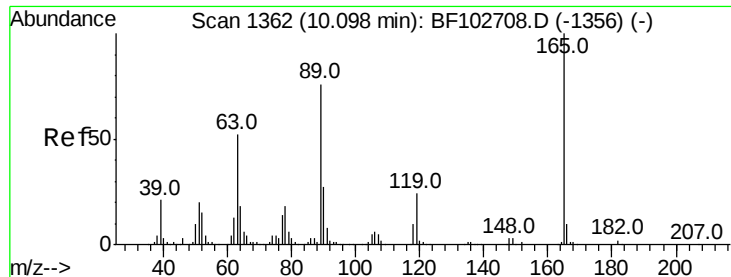
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.2	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.042 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.9	48.4	88.4#
65	0.0	72.6	112.6#

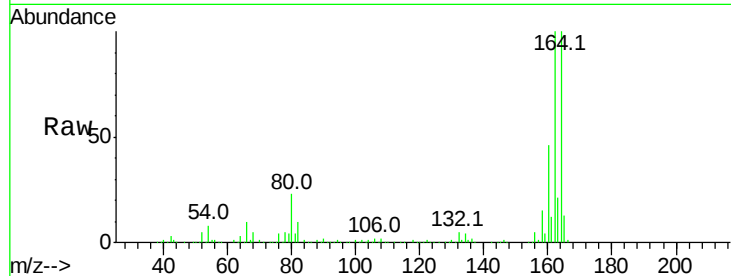




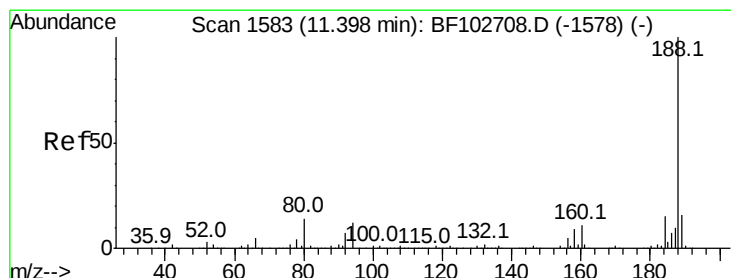
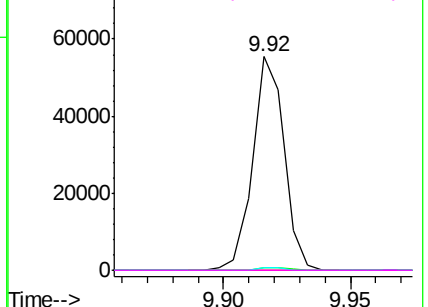
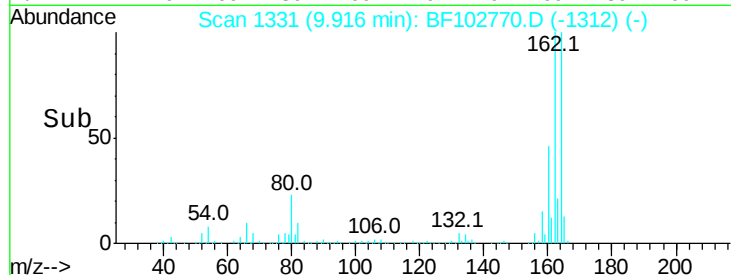
#56
 2,4-Dinitrotoluene
 Concen: 8.984 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 47815
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

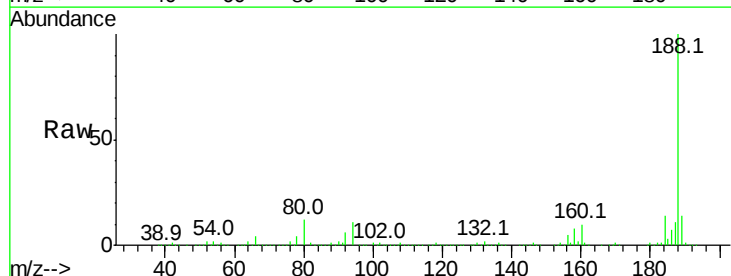


Abundance Ion 165.00 (164.70 to 165.70): E

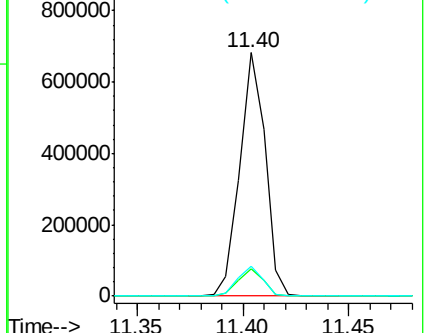
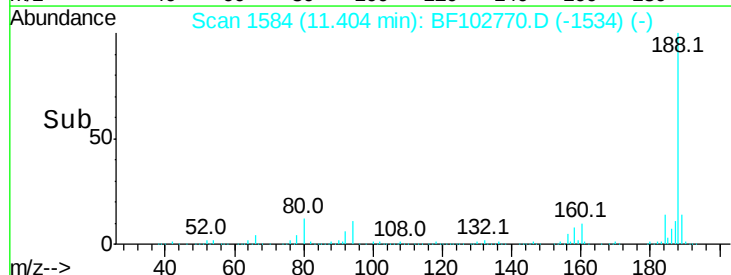


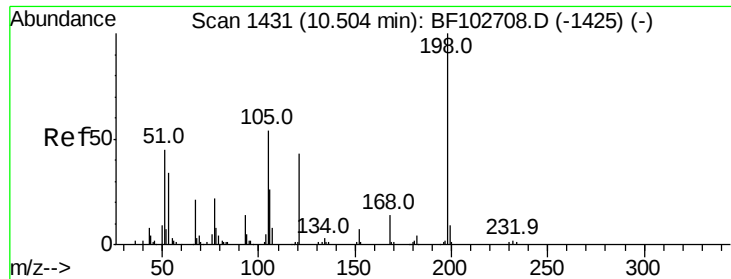
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Tgt Ion:188 Resp: 571069
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 9.028 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Instrument :

BNA_F

ClientSampleId :

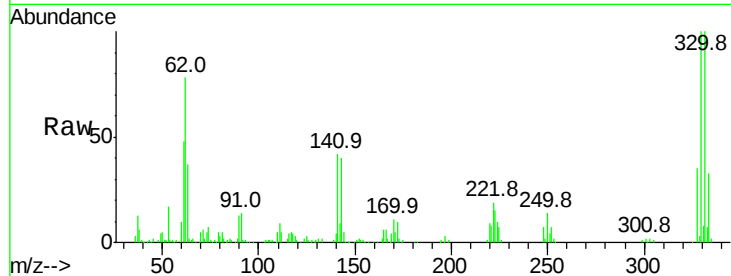
Tot Ion:198 Resp: 605

Ion Ratio Lower Upper

198 100

51 242.4 37.7 77.7#

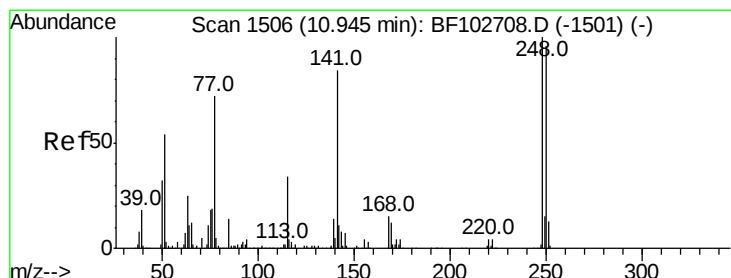
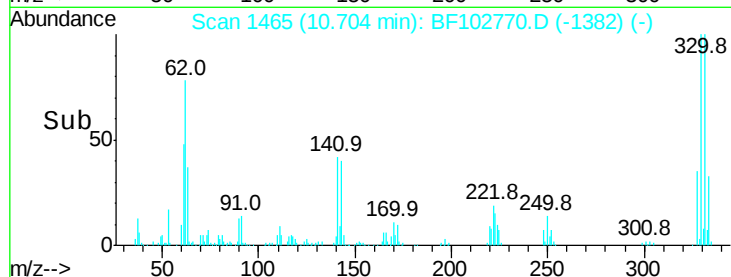
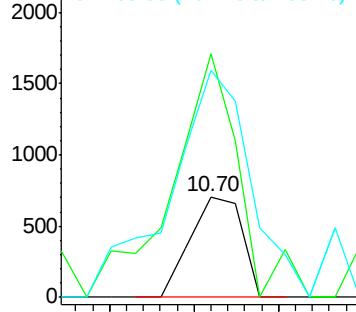
105 226.0 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.066 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

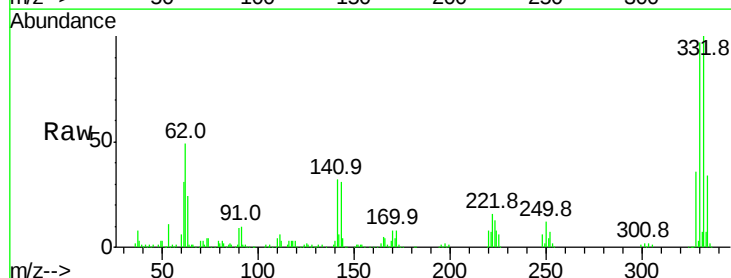
Tgt Ion:248 Resp: 18524

Ion Ratio Lower Upper

248 100

250 192.6 76.9 115.3#

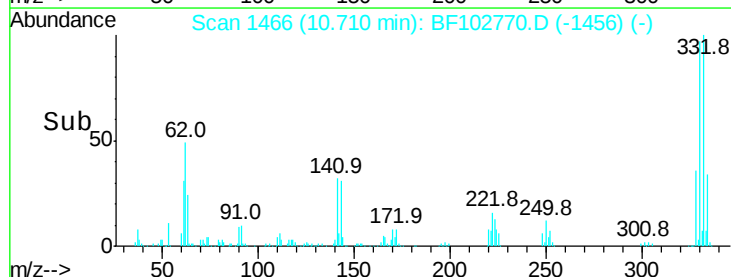
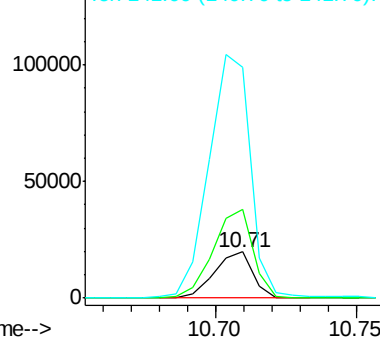
141 502.6 74.4 111.6#

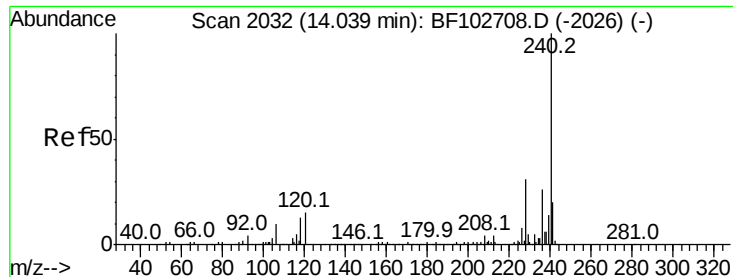


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

Instrument :

BNA_F

ClientSampled :

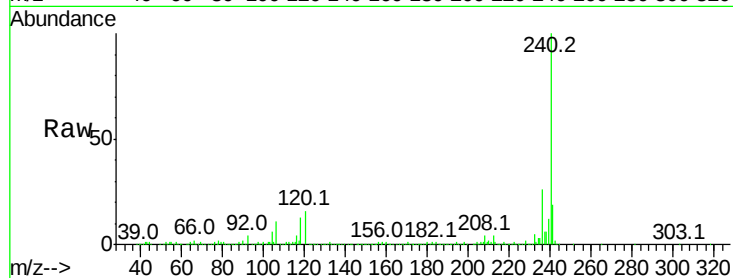
Tot Ion:240 Resp: 372628

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

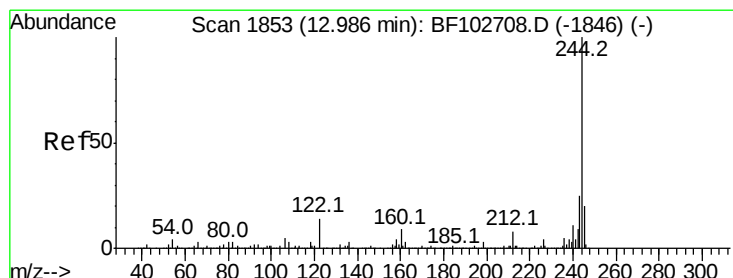
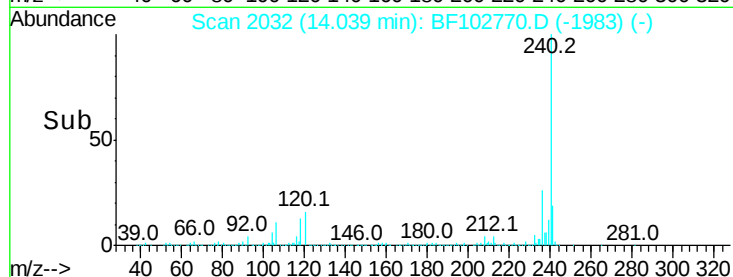
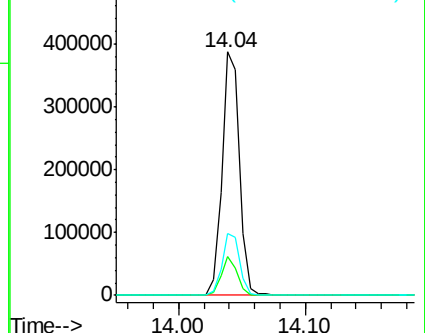
236 25.5 20.7 31.1



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: 62.326 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102770.D

Acq: 6 Feb 2018 6:38

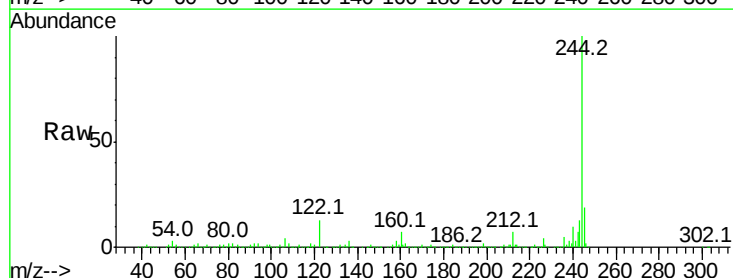
Tgt Ion:244 Resp: 980862

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

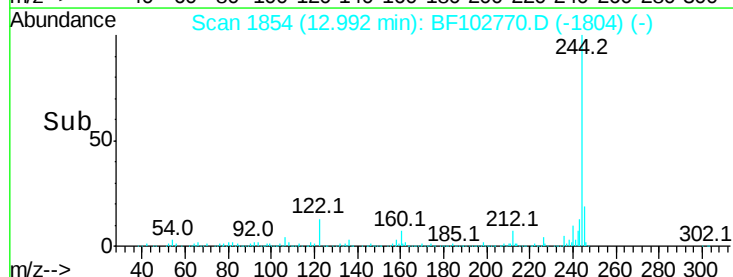
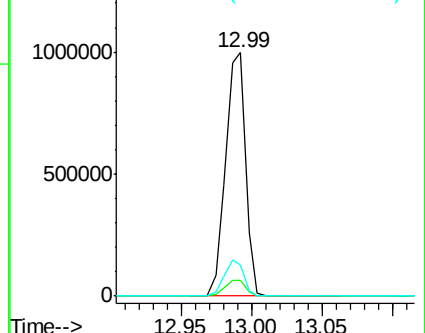
122 12.5 11.0 16.4

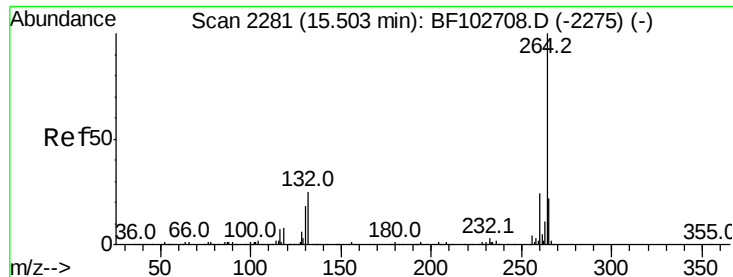


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102770.D
 Acq: 6 Feb 2018 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3

