

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098655.D
 Acq On : 20 Sep 2017 12:58
 Operator : SJ/JU
 Sample : I5292-01 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:17:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

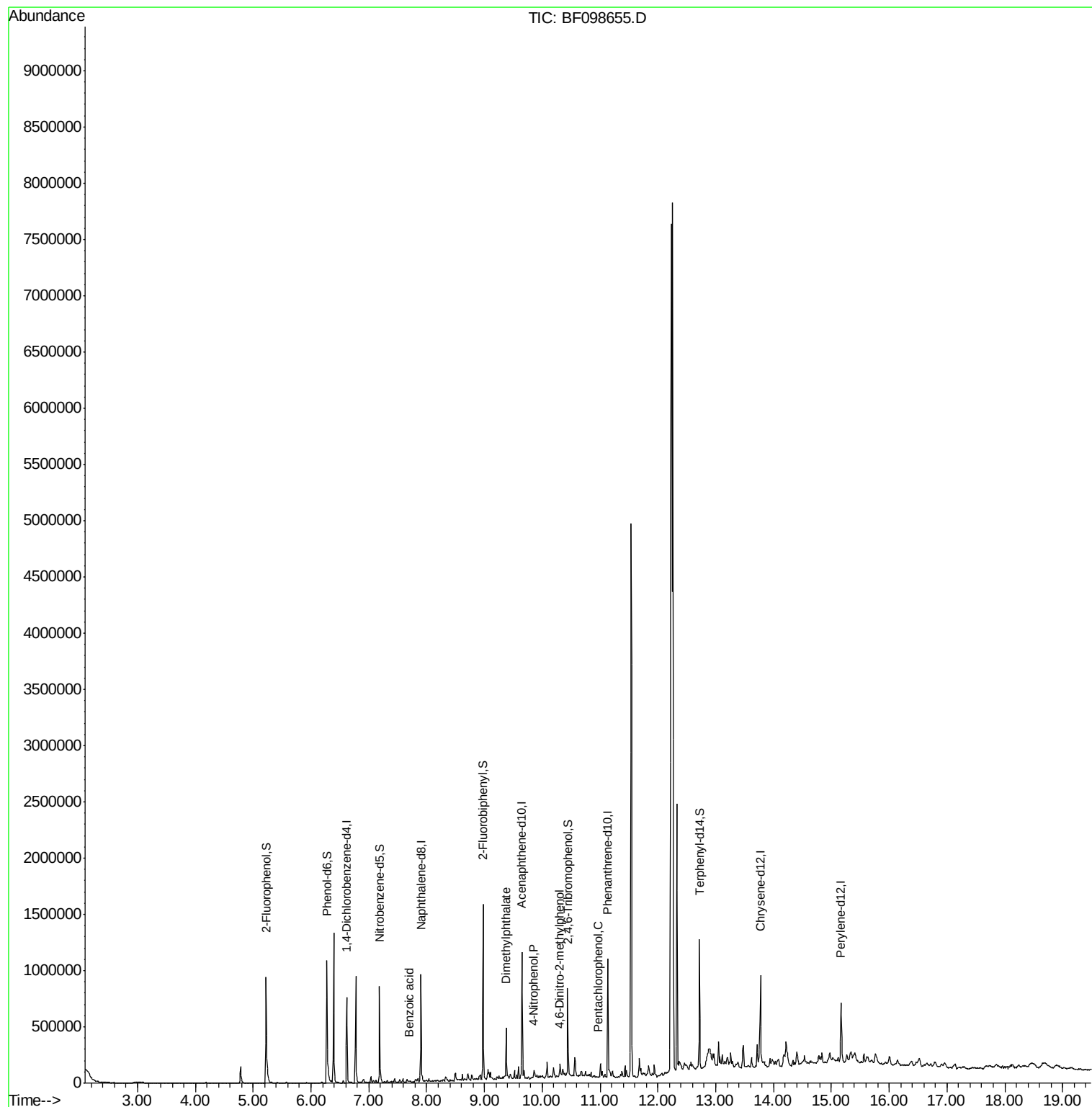
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	101111	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	426667	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	200085	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	365879	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	224481	20.00	ng	-0.01
86) Perylene-d12	15.17	264	209415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	313406	45.83	ng	-0.02
7) Phenol-d6	6.27	99	381419	43.93	ng	-0.02
23) Nitrobenzene-d5	7.19	82	242811	31.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	76343	57.17	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	460950	39.05	ng	-0.02
78) Terphenyl-d14	12.72	244	324385	31.19	ng	-0.01
Target Compounds						
32) Benzoic acid	7.70	122	3802	8.67	ng	# 83
49) Dimethylphthalate	9.38	163	138467	8.94	ng	100
55) 4-Nitrophenol	9.86	139	9709	4.40	ng	# 49
64) 4,6-Dinitro-2-methylphenol	10.29	198	271	5.07	ng	# 17
69) Pentachlorophenol	10.97	266	146	7.02	ng	# 18

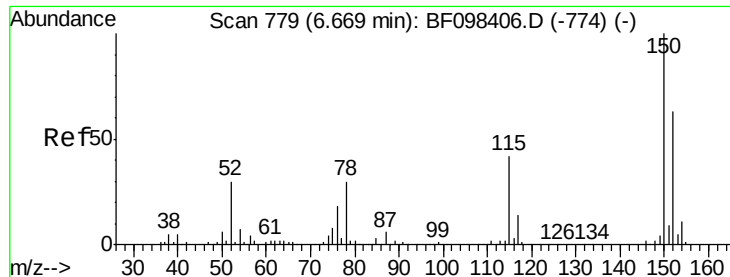
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098655.D
Acq On : 20 Sep 2017 12:58
Operator : SJ/JU
Sample : I5292-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 05:17:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



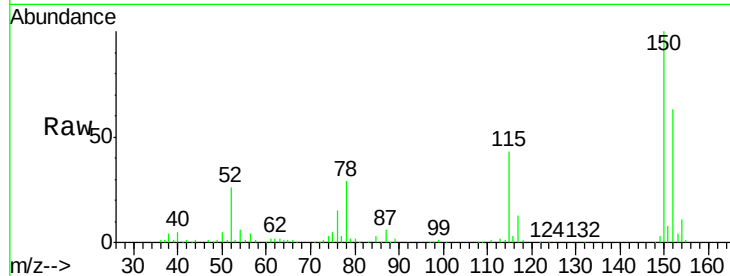


#1

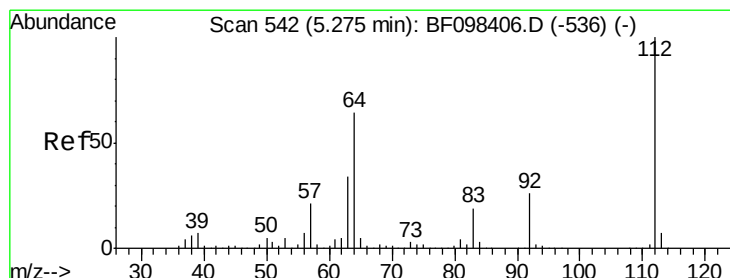
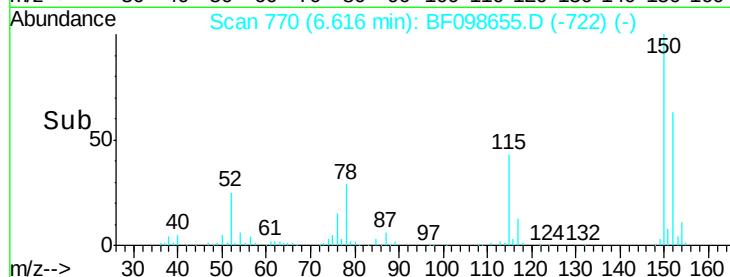
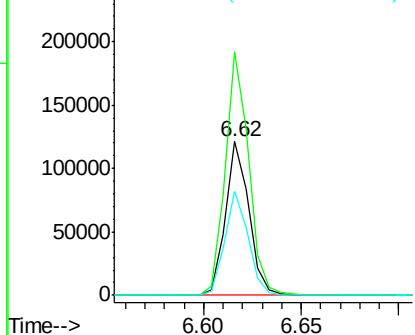
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101111
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 67.4 52.2 78.2



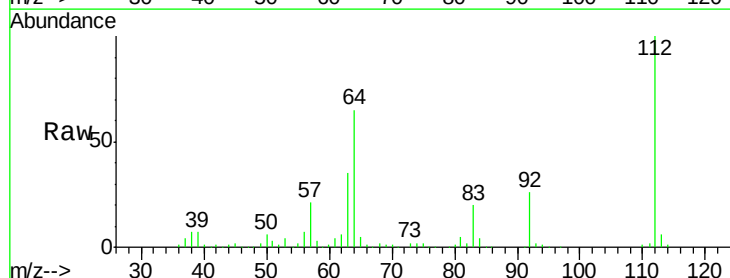
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



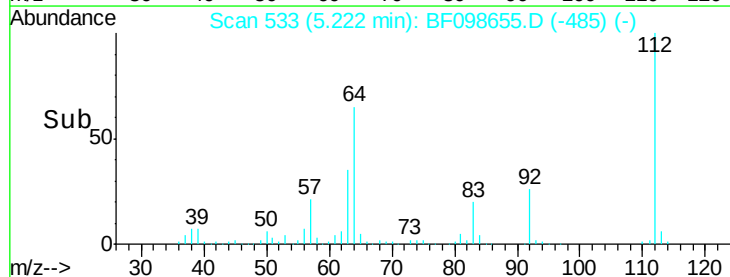
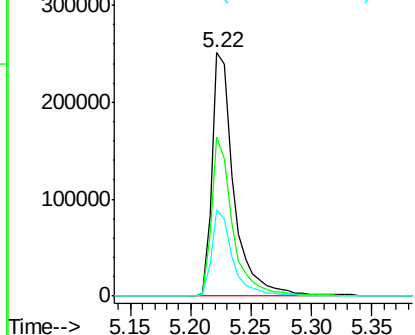
#5

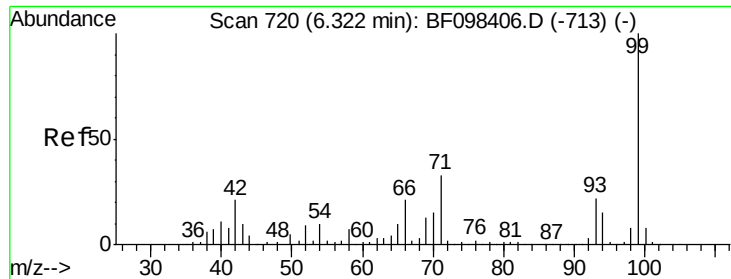
2-Fluorophenol
Concen: 45.83 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Tgt Ion:112 Resp: 313406
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 35.4 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.93 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

Instrument :

BNA_F

ClientSampleId :

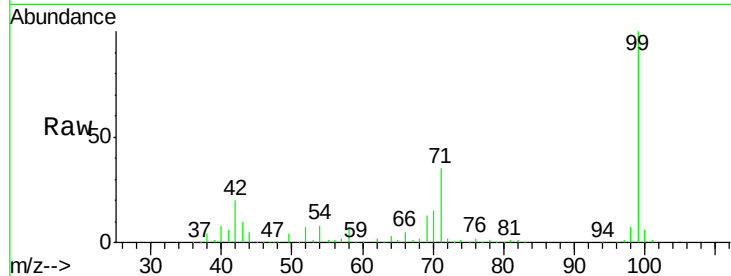
Tot Ion: 99 Resp: 381419

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

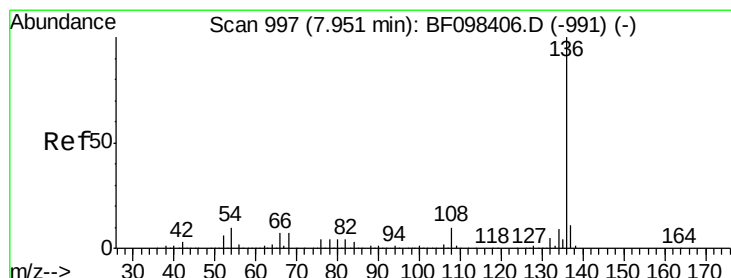
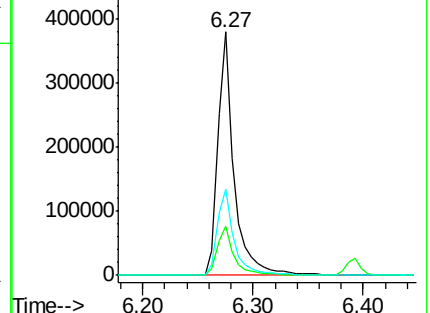
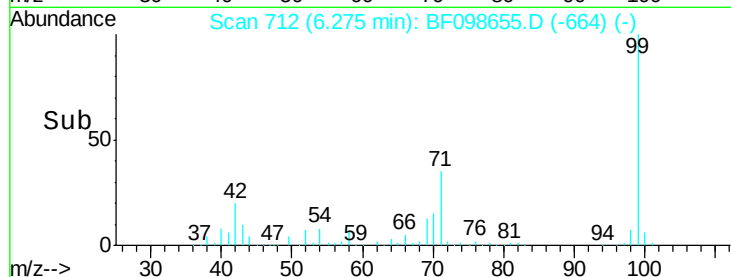
71 35.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

Tgt Ion: 136 Resp: 426667

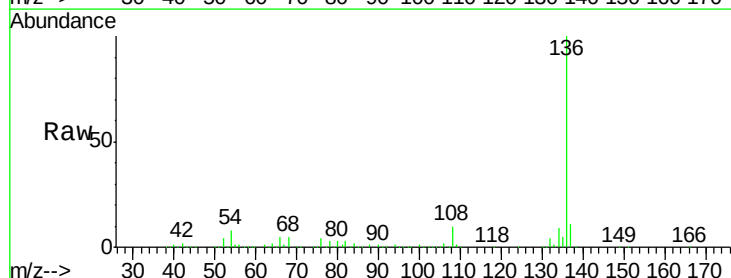
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.0 4.9 7.3#

68 4.6 4.1 6.1

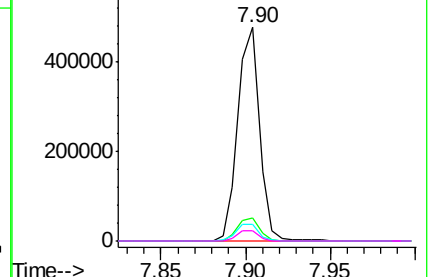
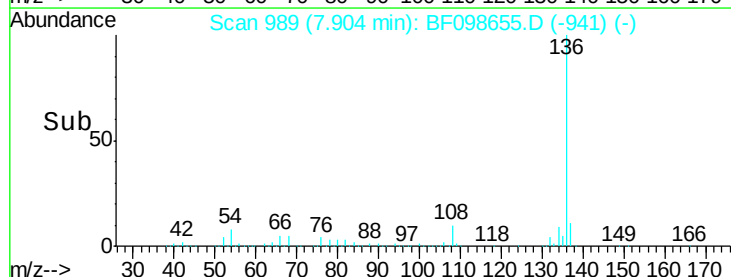


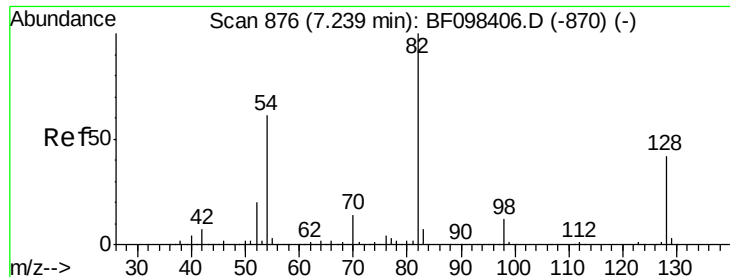
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

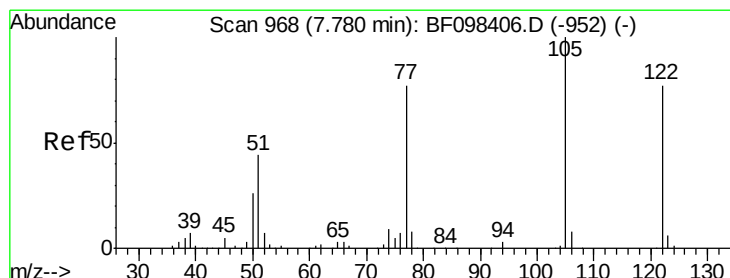
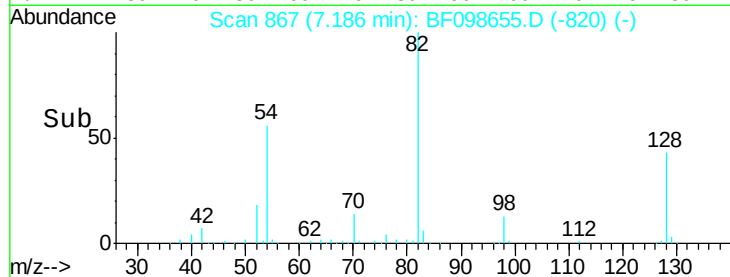
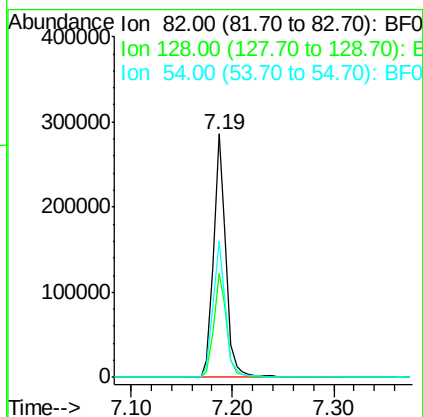
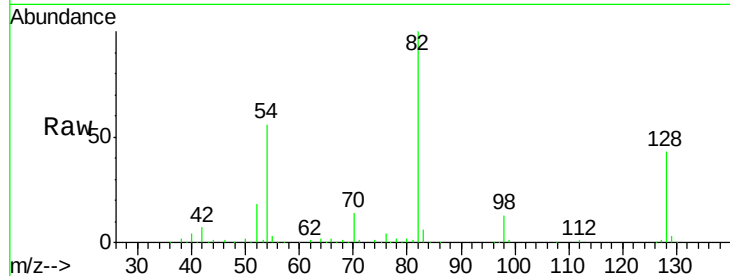




#23
Nitrobenzene-d5
Concen: 31.73 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

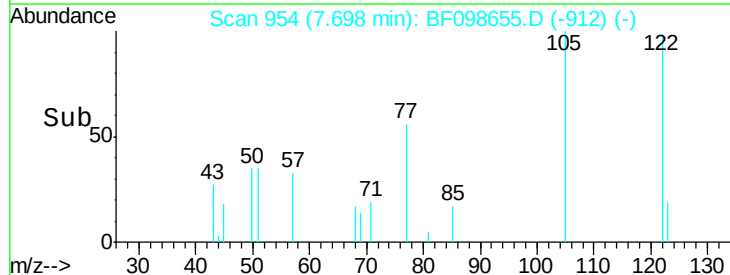
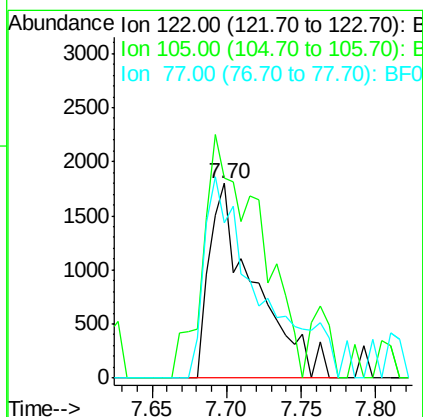
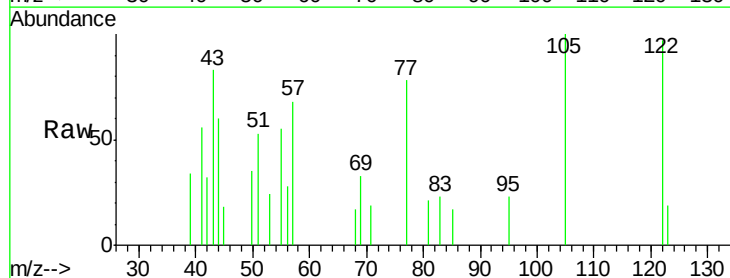
Instrument :
BNA_F
ClientSampled :

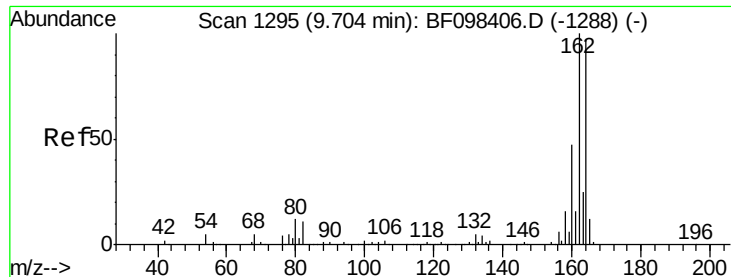
Tot Ion: 82 Resp: 242811
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 56.0 42.2 63.2



#32
Benzoic acid
Concen: 8.67 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.05 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Tgt Ion: 122 Resp: 3802
Ion Ratio Lower Upper
122 100
105 102.6 103.3 143.3#
77 79.7 73.7 113.7

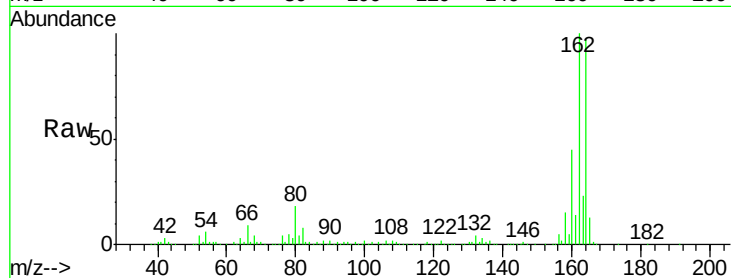




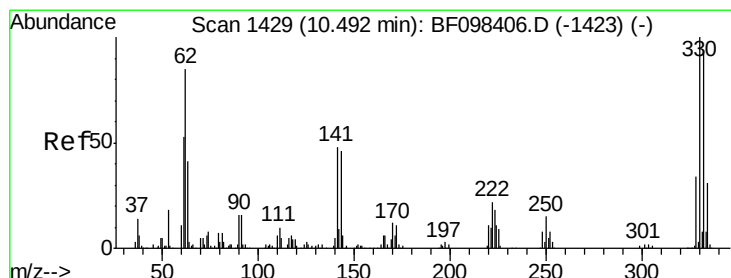
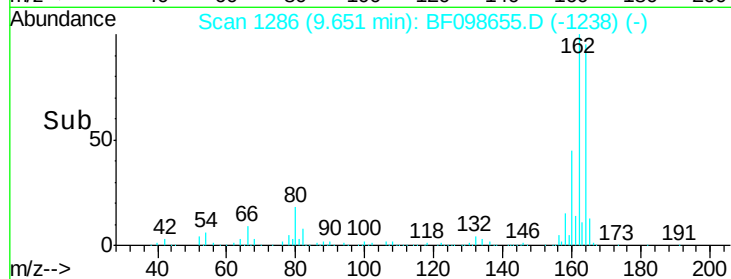
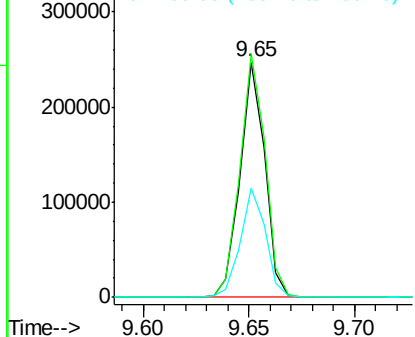
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF098655.D
 Acq: 20 Sep 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.2	36.2	54.2

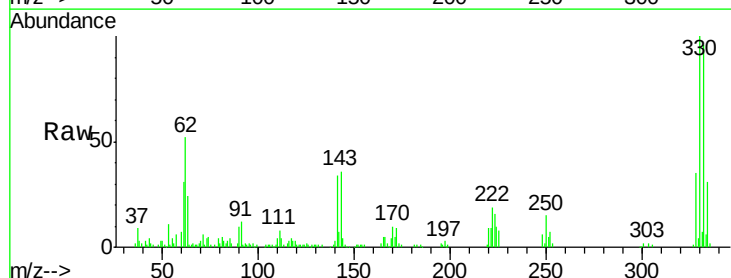


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

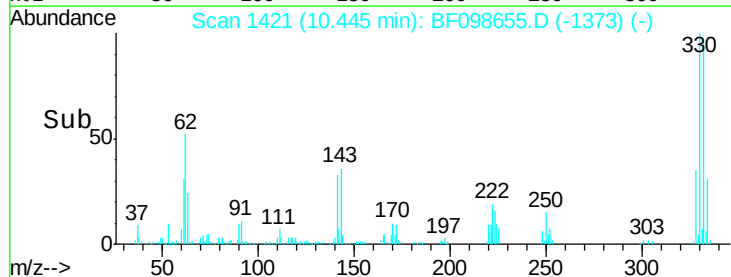
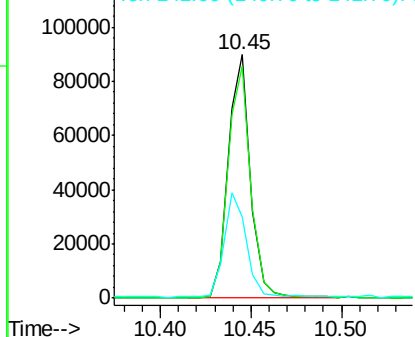


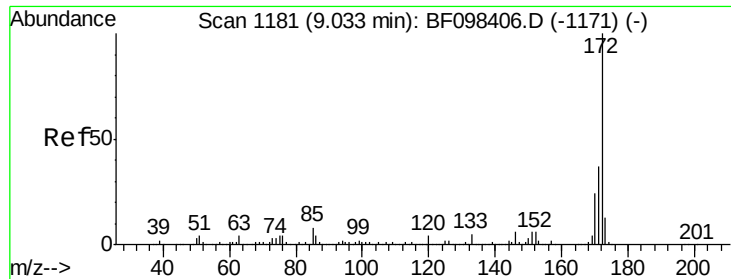
#41
 2,4,6-Tribromophenol
 Concen: 57.17 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF098655.D
 Acq: 20 Sep 2017 12:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	42.0	31.4	47.2



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

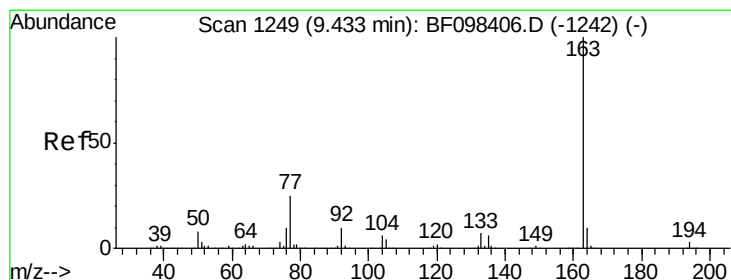
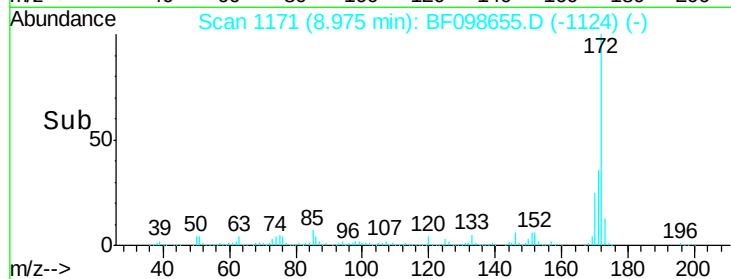
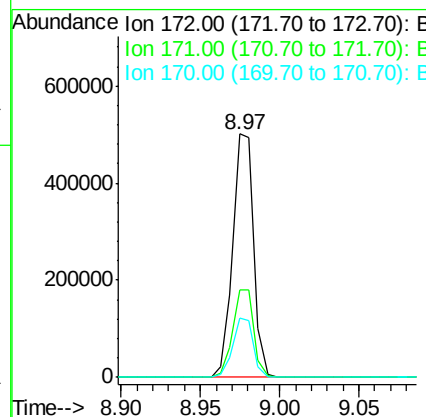
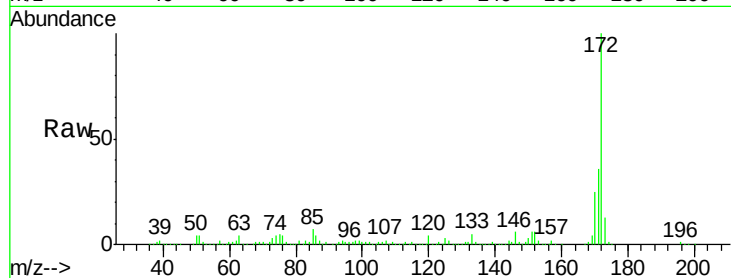




#44
2-Fluorobiphenyl
Concen: 39.05 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

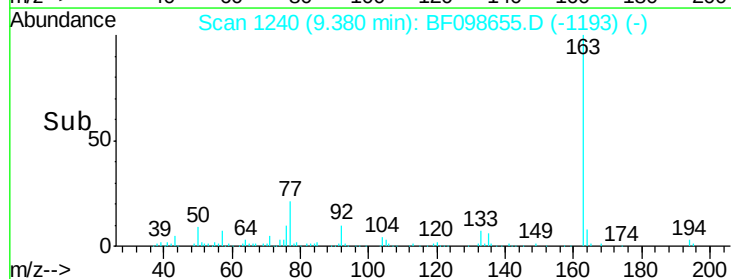
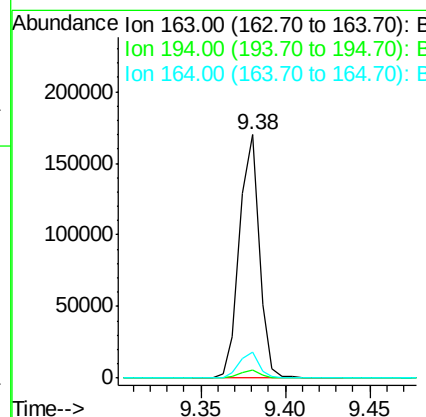
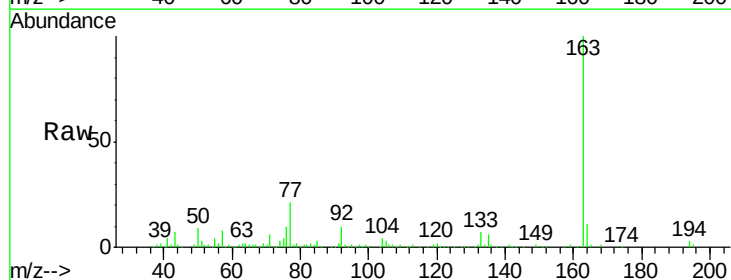
Instrument :
BNA_F
ClientSampleId :

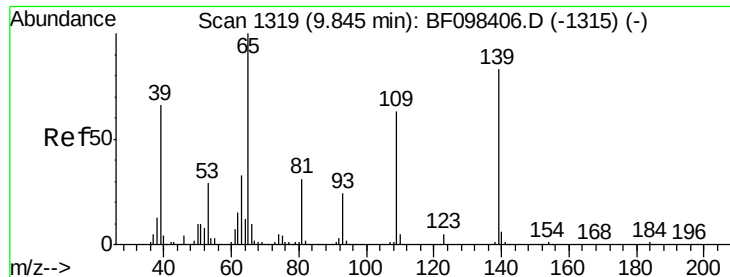
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.6	19.8	29.8



#49
Dimethylphthalate
Concen: 8.94 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.6	8.4	12.6





#55

4-Nitrophenol

Concen: 4.40 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.04 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

Instrument :

BNA_F

ClientSampleId :

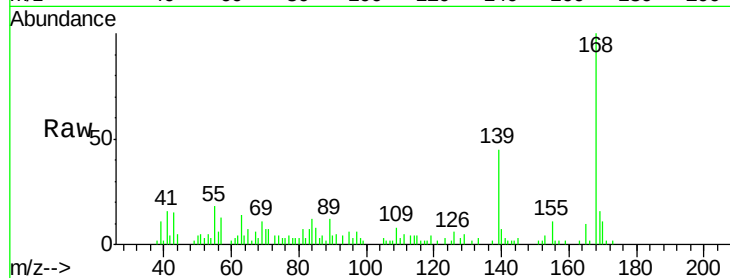
Tot Ion:139 Resp: 9709

Ion Ratio Lower Upper

139 100

109 18.4 34.1 74.1#

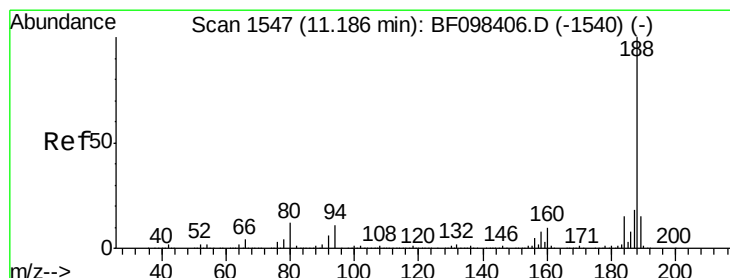
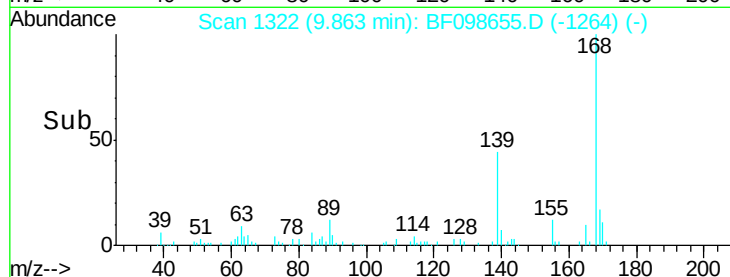
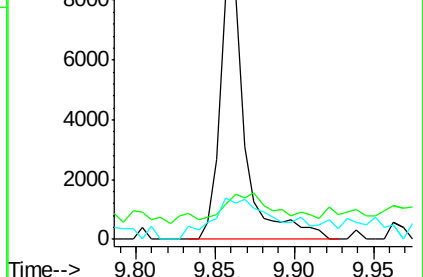
65 14.9 31.4 71.4#



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): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

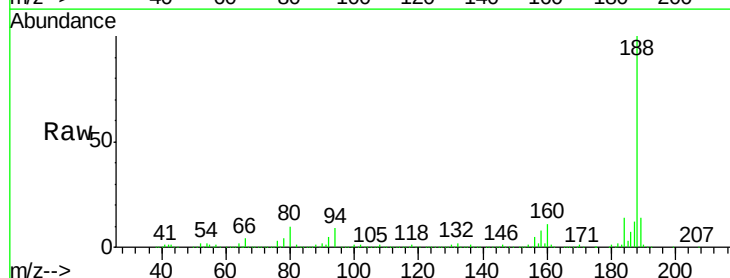
Tgt Ion:188 Resp: 365879

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

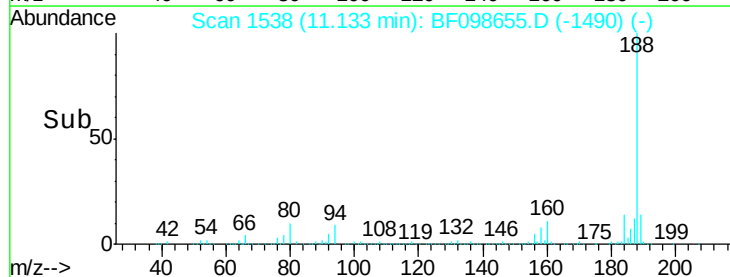
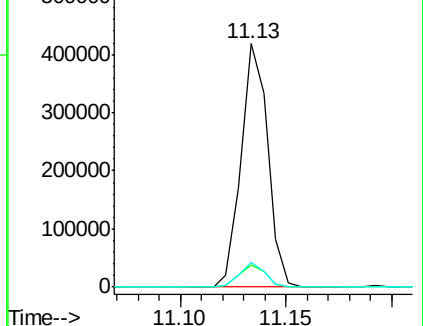
80 10.3 10.2 15.2

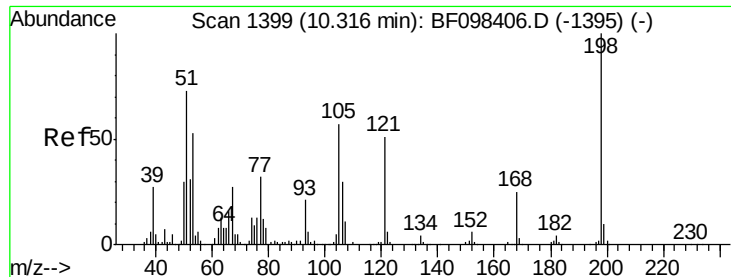


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

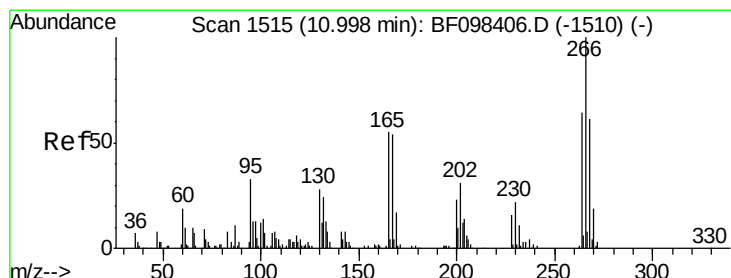
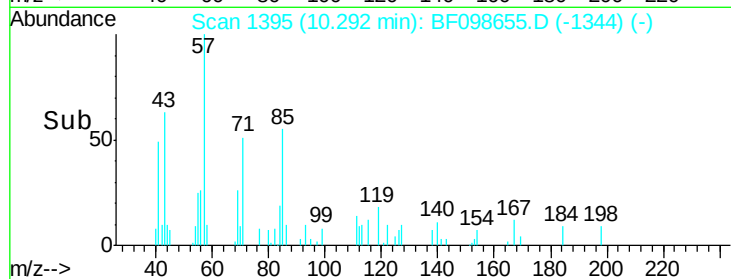
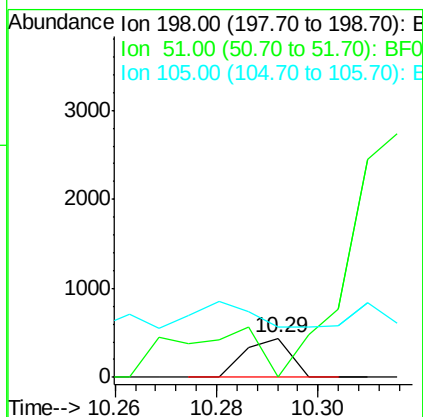
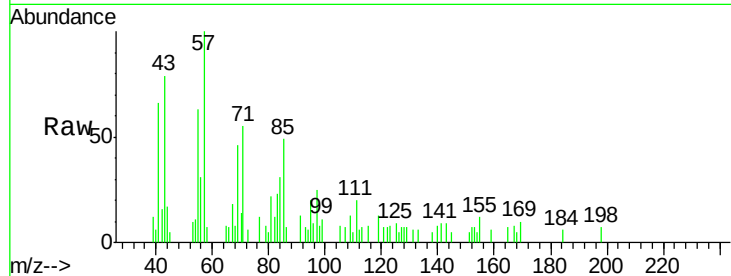




#64
4,6-Dinitro-2-methylphenol
Concen: 5.07 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

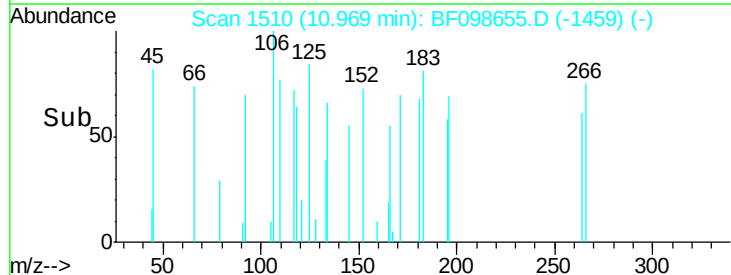
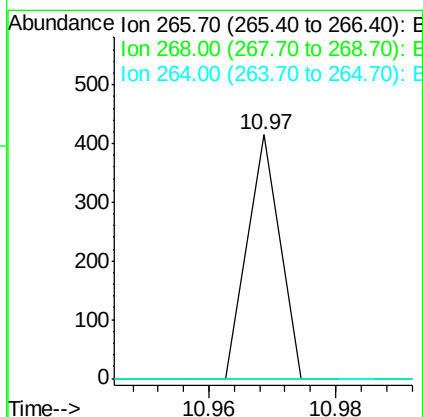
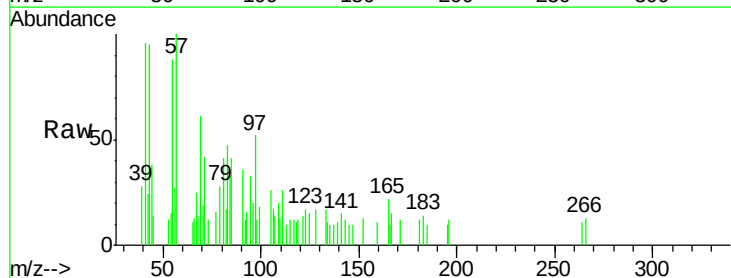
Instrument :
BNA_F
ClientSampleId :

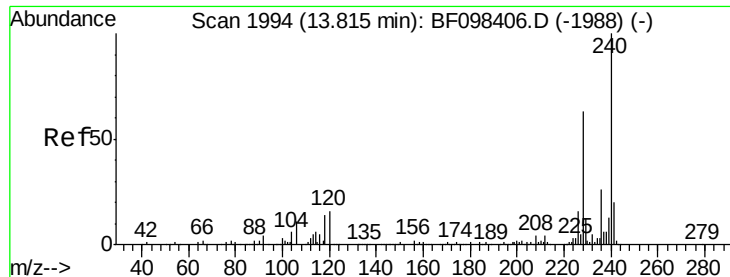
Tot Ion:198 Resp: 271
Ion Ratio Lower Upper
198 100
51 0.0 53.2 93.2#
105 128.4 45.8 85.8#



#69
Pentachlorophenol
Concen: 7.02 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Tgt Ion:266 Resp: 146
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 51.7 77.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

Instrument :

BNA_F

ClientSampleId :

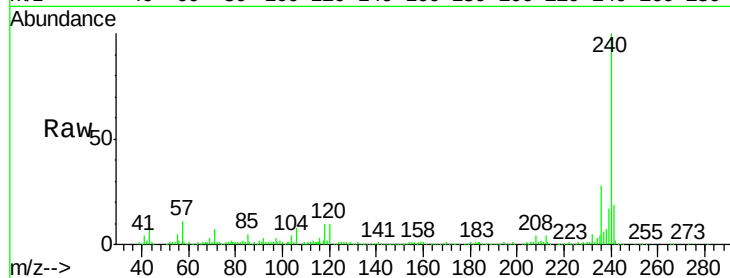
Tot Ion:240 Resp: 224481

Ion Ratio Lower Upper

240 100

120 10.4 5.8 8.8#

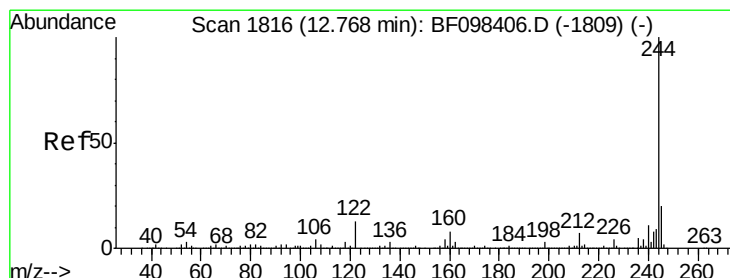
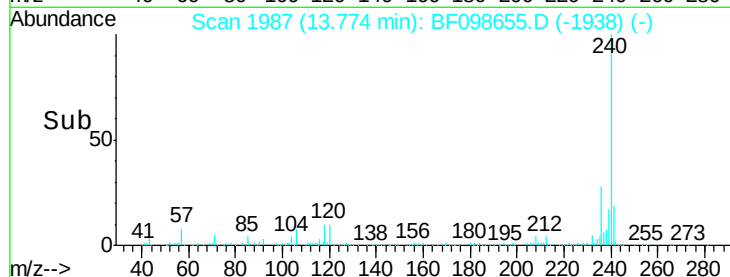
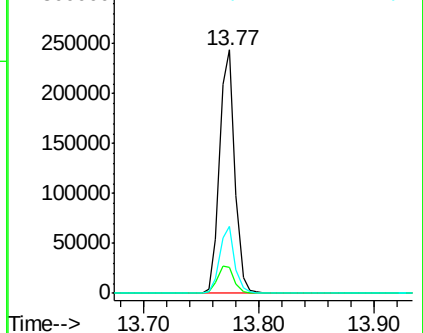
236 27.7 20.5 30.7



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: 31.19 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF098655.D

Acq: 20 Sep 2017 12:58

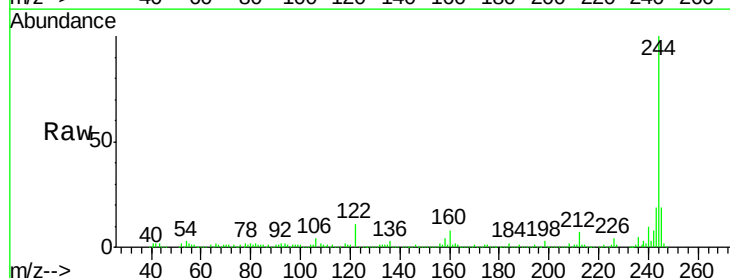
Tgt Ion:244 Resp: 324385

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

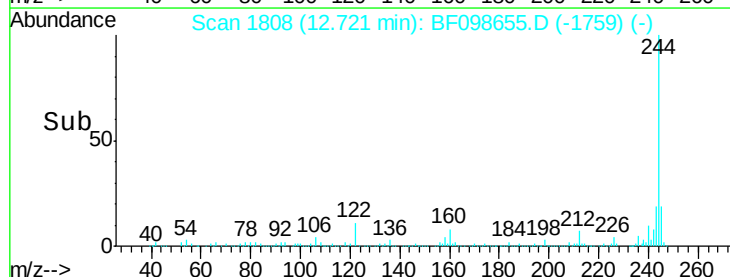
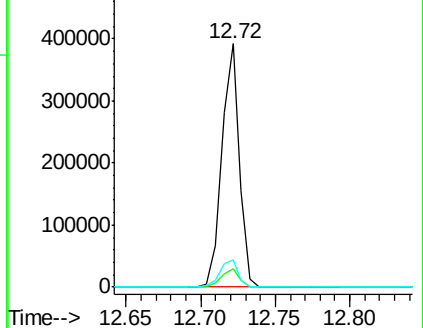
122 11.0 10.3 15.5

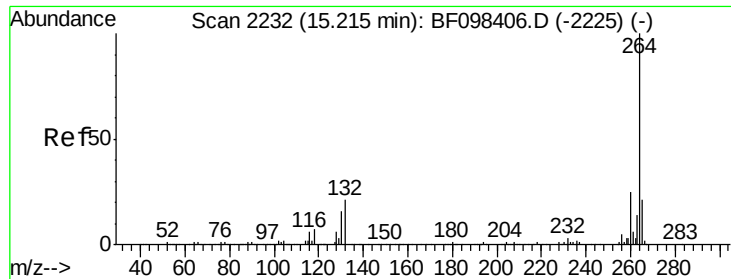


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

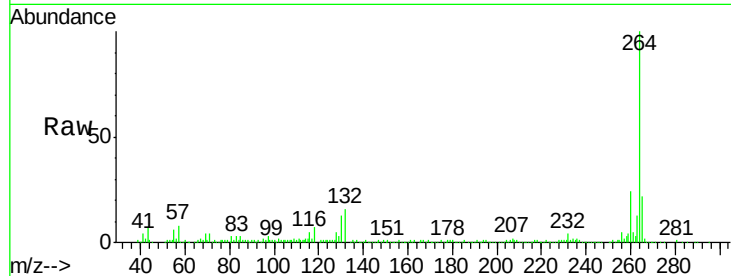




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098655.D
Acq: 20 Sep 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	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

