

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098534.D
 Acq On : 14 Sep 2017 18:06
 Operator : SJ/JU
 Sample : PB102300BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BL

Quant Time: Sep 15 04:58:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

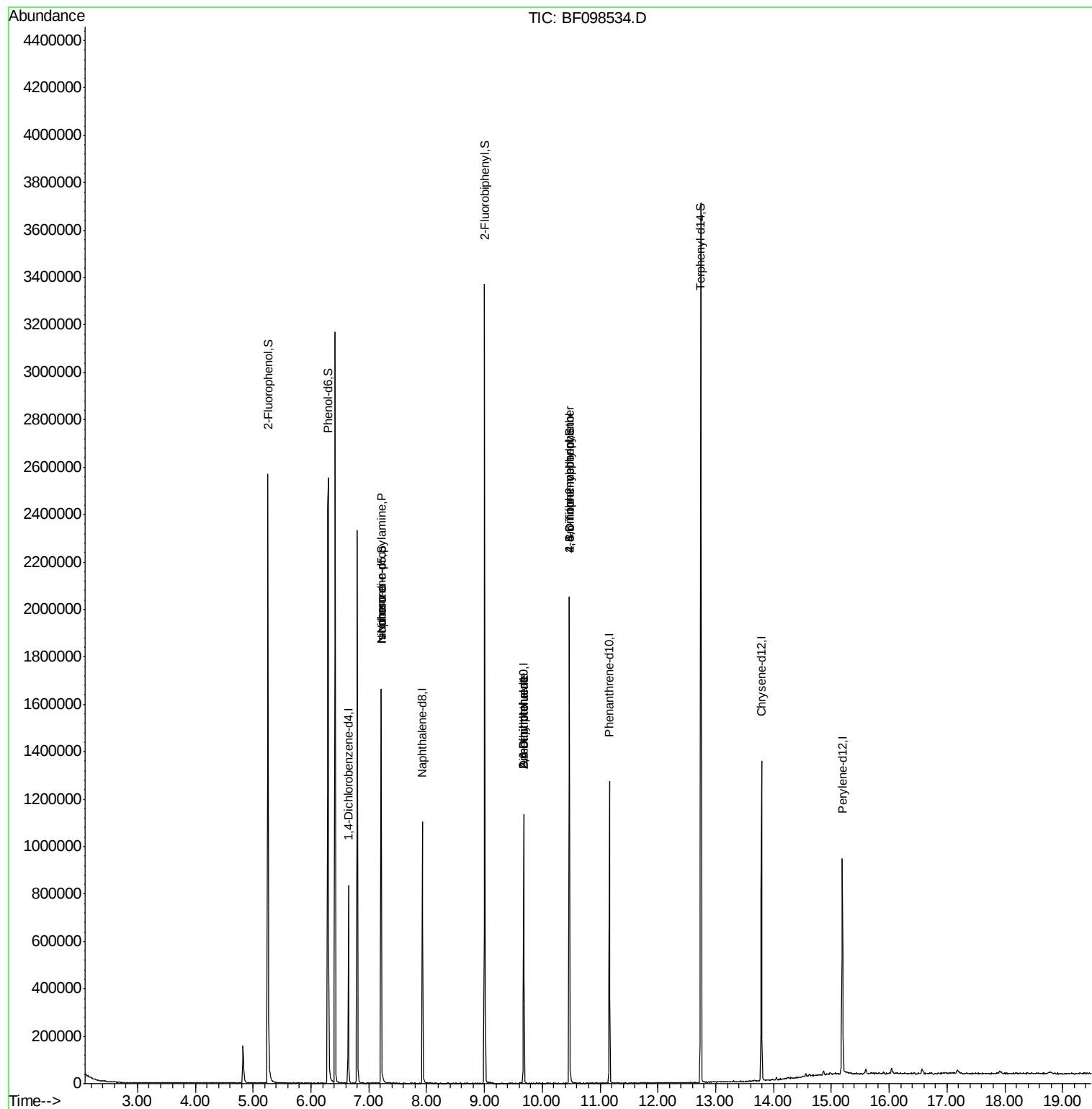
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	115809	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	481729	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	229941	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	468676	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	415174	20.00	ng	-0.02
86) Perylene-d12	15.19	264	392003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	789844	100.84	ng	-0.02
7) Phenol-d6	6.30	99	952066	95.73	ng	-0.02
23) Nitrobenzene-d5	7.22	82	577155	66.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	205308	133.78	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1065186	78.52	ng	-0.03
78) Terphenyl-d14	12.74	244	1140227	59.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	74251	11.870	ng	# 80
25) Isophorone	7.22	82	570854	32.652	ng	# 67
49) Dimethylphthalate	9.68	163	64654	3.632	ng	# 1
50) 2,6-Dinitrotoluene	9.67	165	28755	7.865	ng	# 34
56) 2,4-Dinitrotoluene	9.67	165	28755	6.469	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	225	5.034	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	16155	3.632	ng	# 1

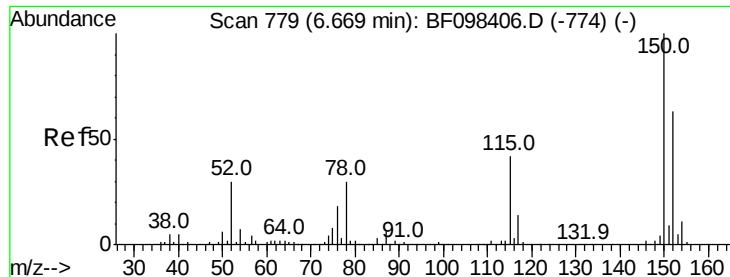
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098534.D
Acq On : 14 Sep 2017 18:06
Operator : SJ/JU
Sample : PB102300BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102300BL

Quant Time: Sep 15 04:58:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



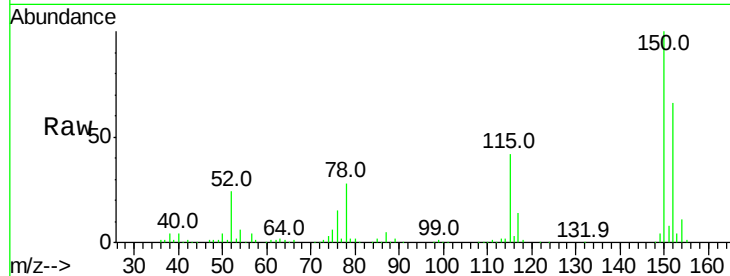


#1

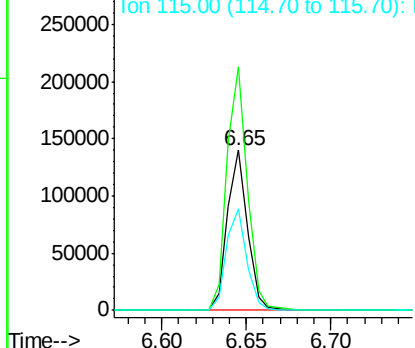
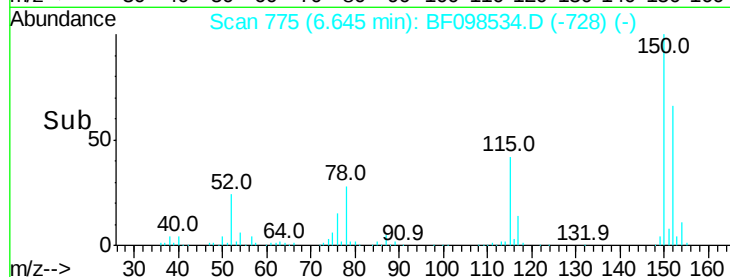
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098534.D
Acq: 14 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :
PB102300BL

Tot Ion:152 Resp: 115809
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.2
115 63.7 52.2 78.2



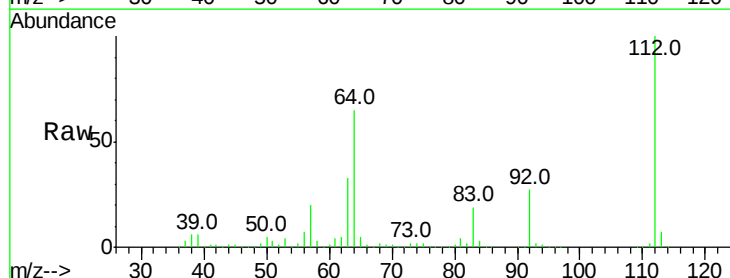
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



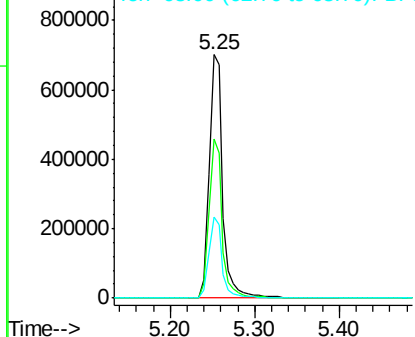
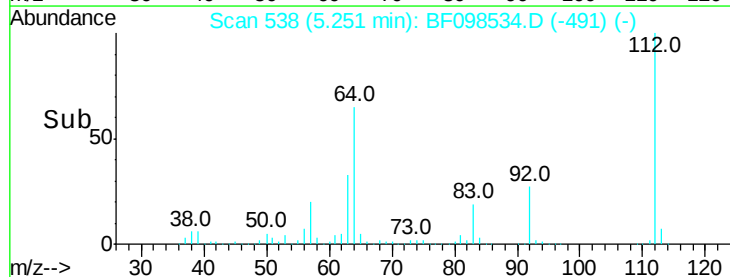
#5

2-Fluorophenol
Concen: 100.839 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF098534.D
Acq: 14 Sep 2017 18:06

Tgt Ion:112 Resp: 789844
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.5 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: 95.734 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB102300BL

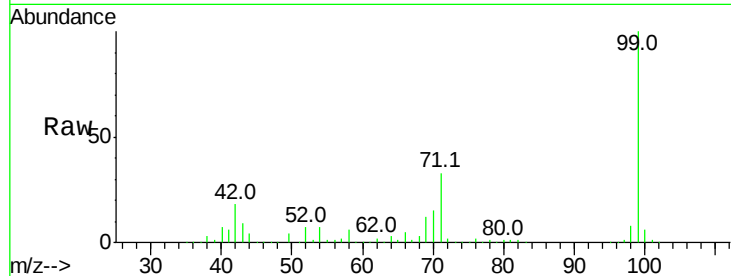
Tot Ion: 99 Resp: 952066

Ion Ratio Lower Upper

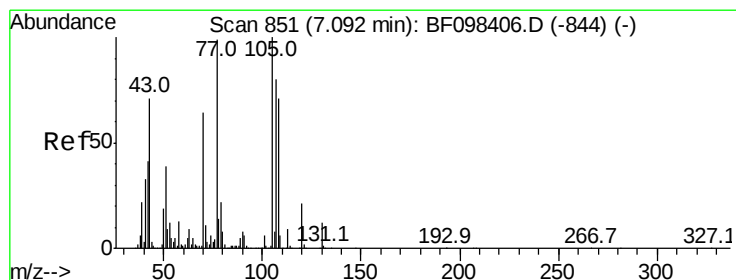
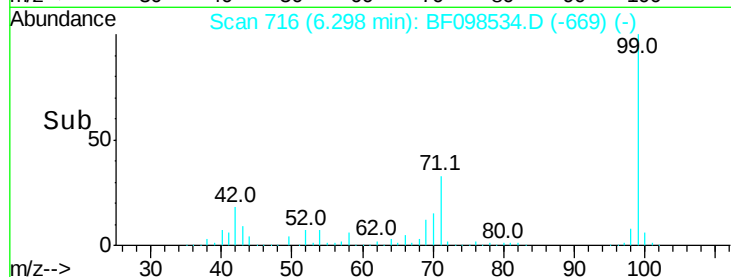
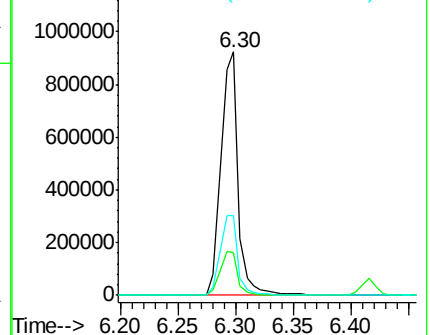
99 100

42 17.5 13.5 20.3

71 32.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.870 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Tgt Ion: 70 Resp: 74251

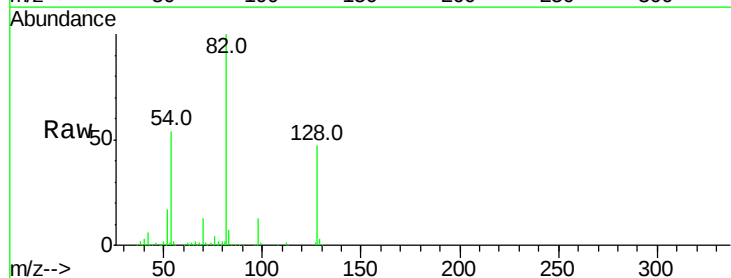
Ion Ratio Lower Upper

70 100

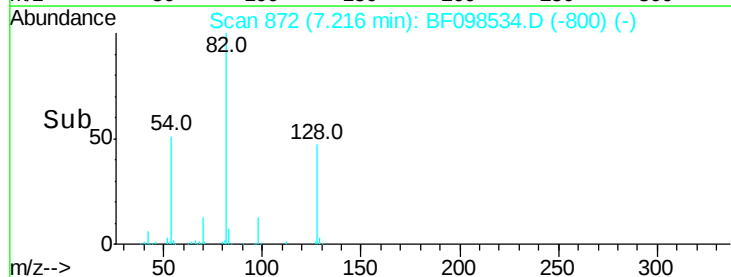
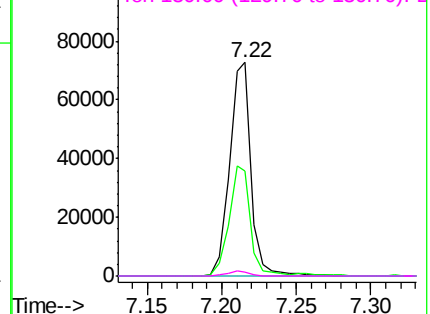
42 49.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB102300BL

Tot Ion:136 Resp: 481729

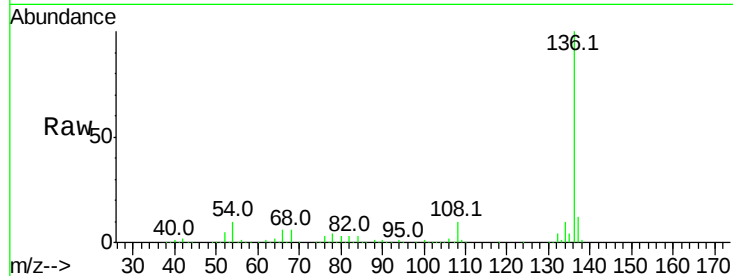
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 9.5 4.9 7.3#

68 6.3 4.1 6.1#

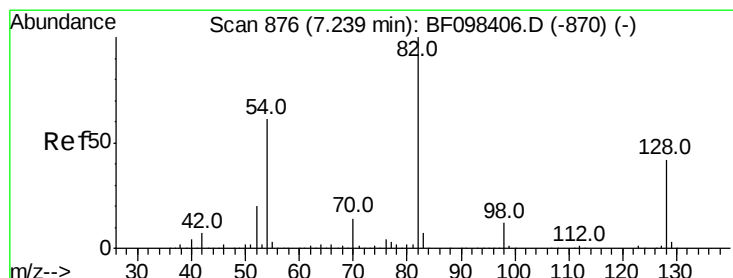
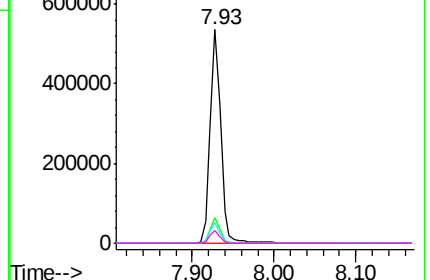
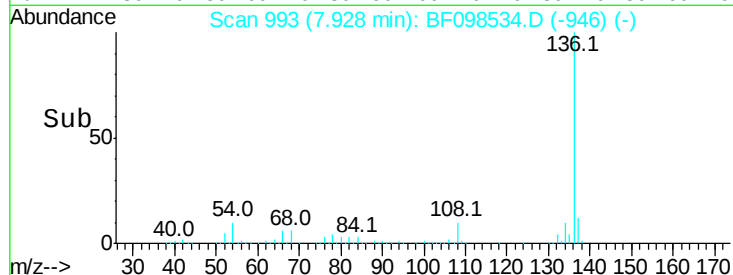


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.793 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

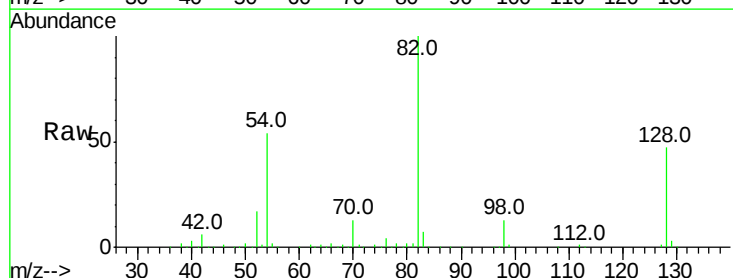
Tgt Ion: 82 Resp: 577155

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

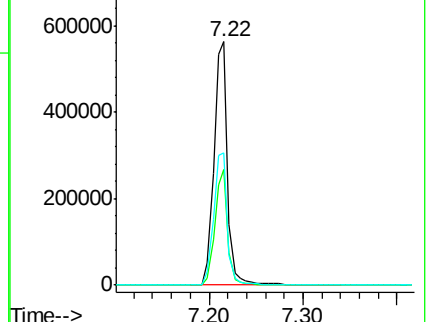
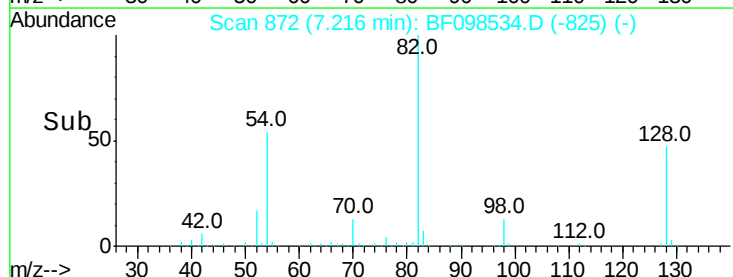
54 54.5 42.2 63.2

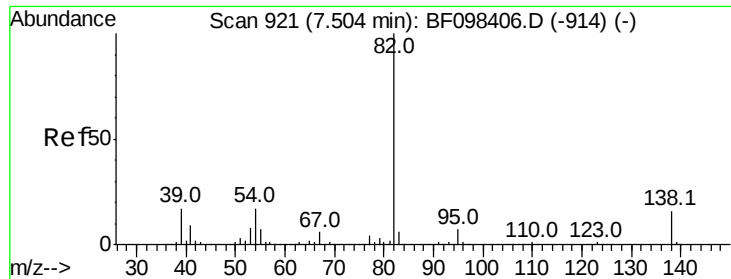


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.652 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.29 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB102300BL

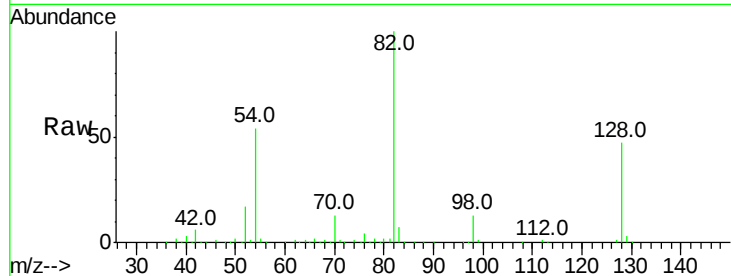
Tot Ion: 82 Resp: 570854

Ion Ratio Lower Upper

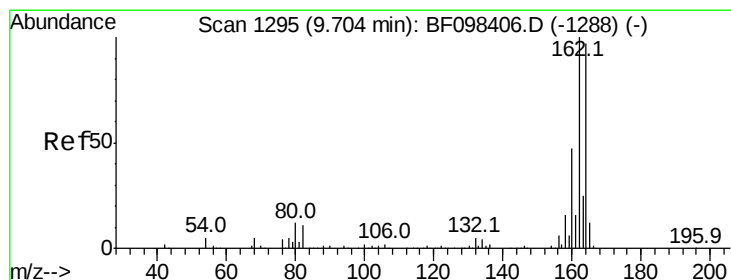
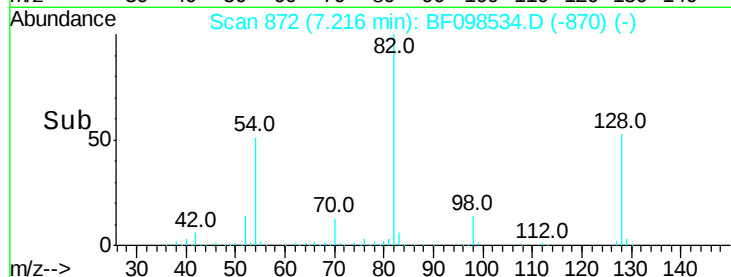
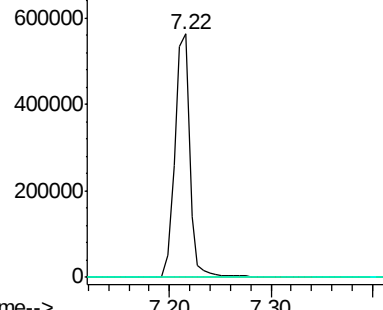
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

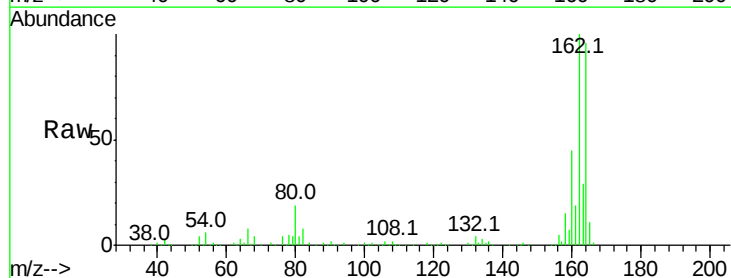
Tgt Ion: 164 Resp: 229941

Ion Ratio Lower Upper

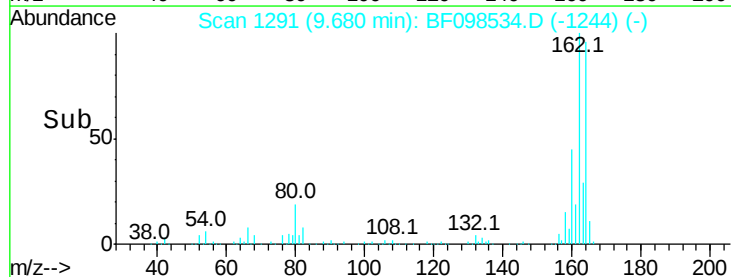
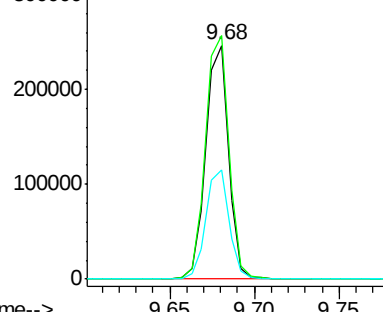
164 100

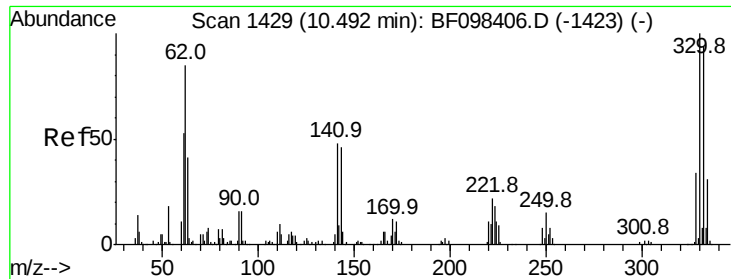
162 104.1 82.6 123.8

160 47.0 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

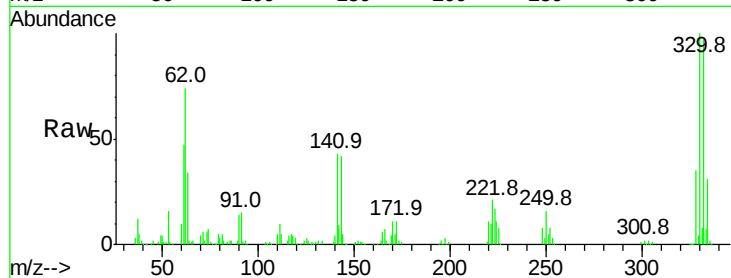




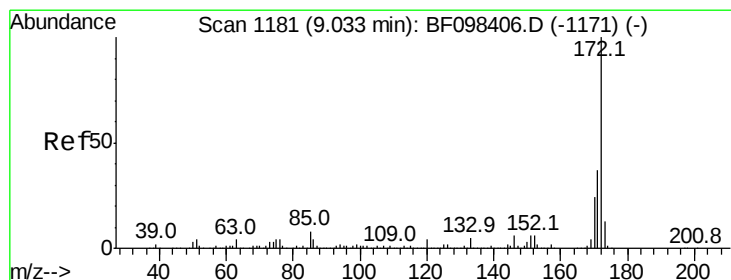
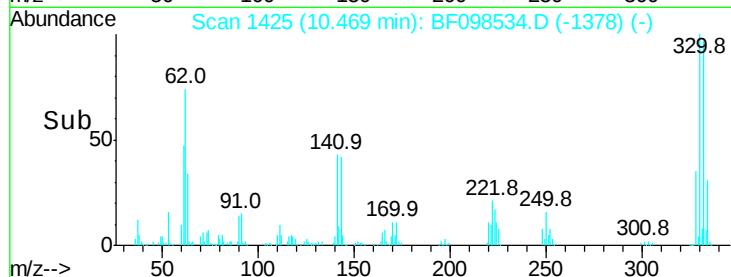
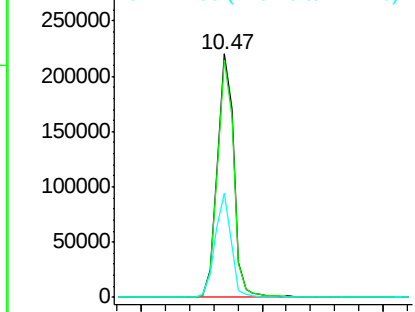
#41
 2,4,6-Tribromophenol
 Concen: 133.780 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF098534.D
 Acq: 14 Sep 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BL

Tot Ion:330 Resp: 205308
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 41.3 31.4 47.2

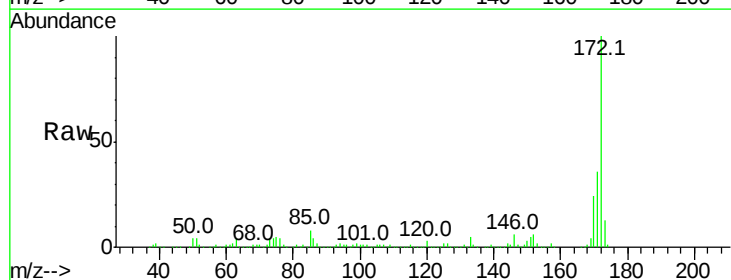


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

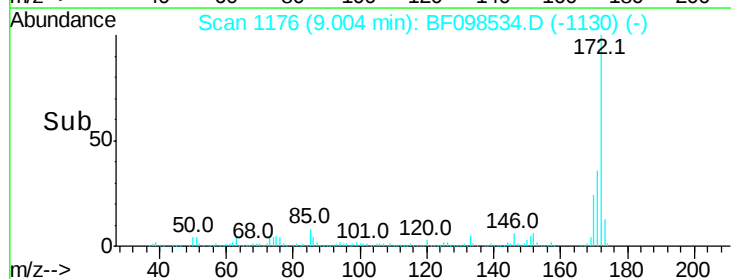
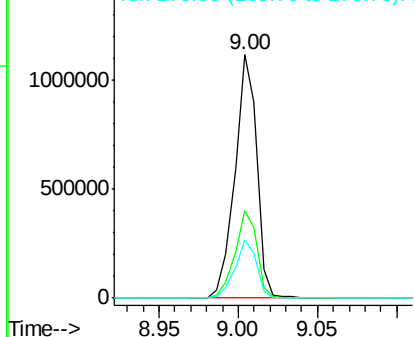


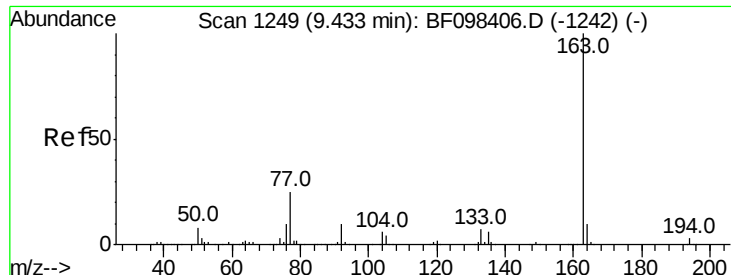
#44
 2-Fluorobiphenyl
 Concen: 78.516 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098534.D
 Acq: 14 Sep 2017 18:06

Tgt Ion:172 Resp: 1065186
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8



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





#49

Dimethylphthalate

Concen: 3.632 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.25 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB102300BL

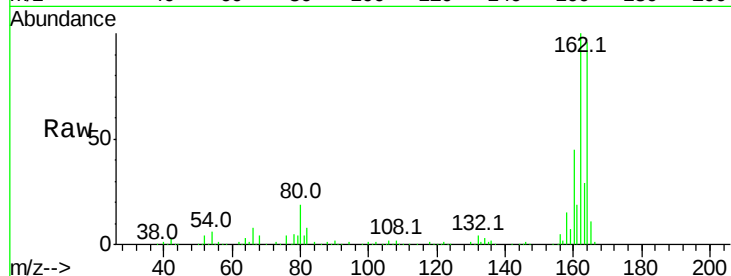
Tot Ion:163 Resp: 64654

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

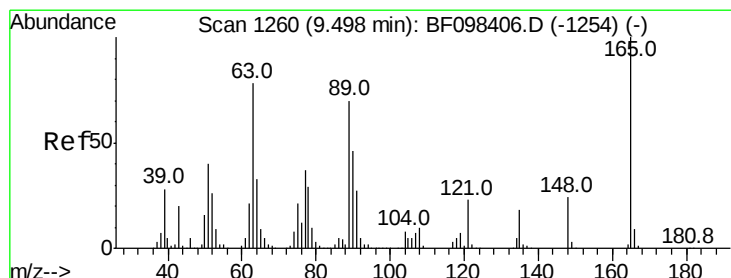
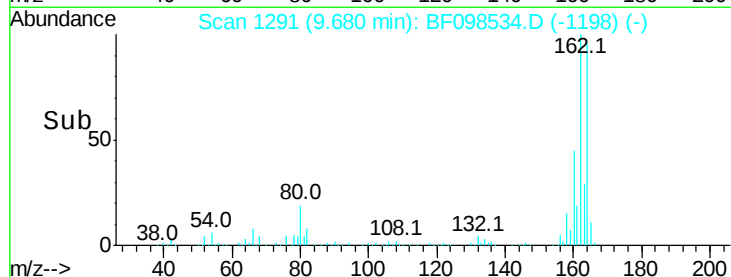
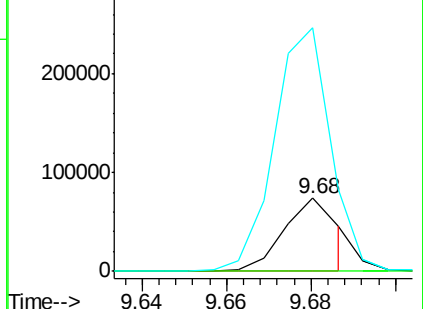
164 334.4 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.865 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.18 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

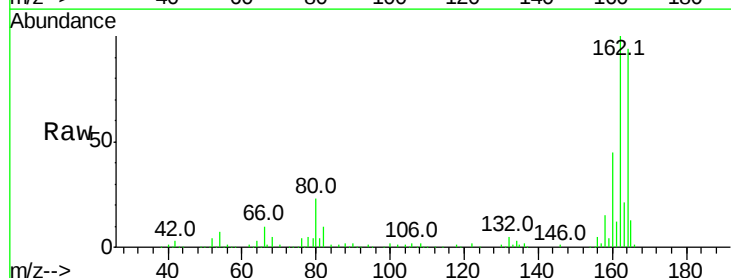
Tgt Ion:165 Resp: 28755

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

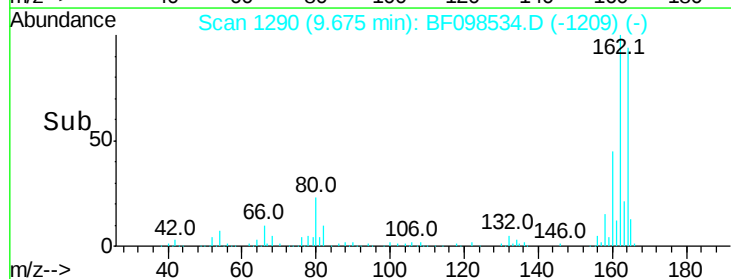
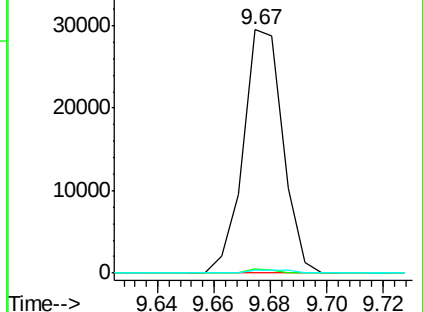
89 1.4 37.1 55.7#

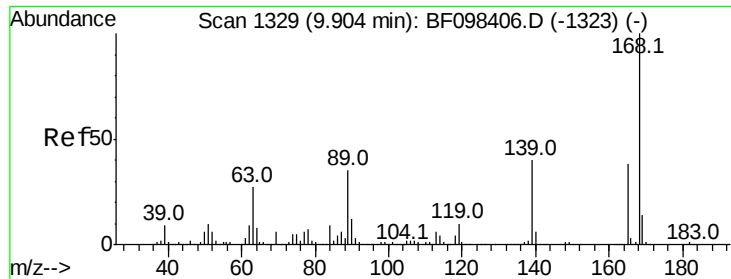


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

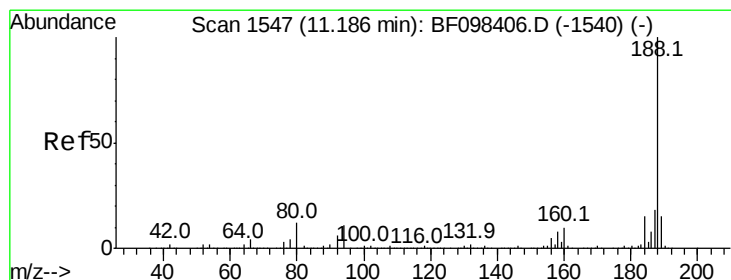
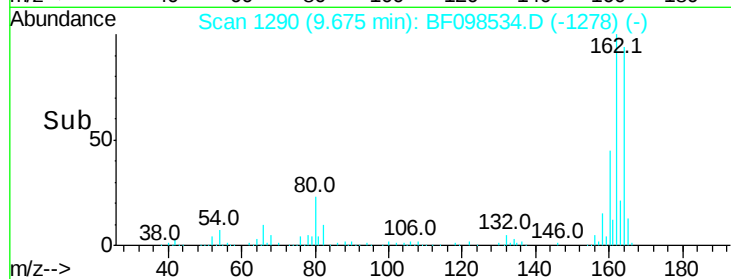
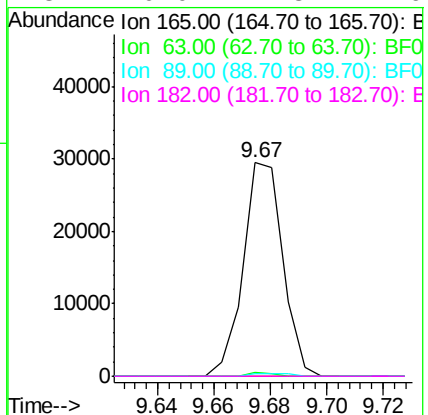
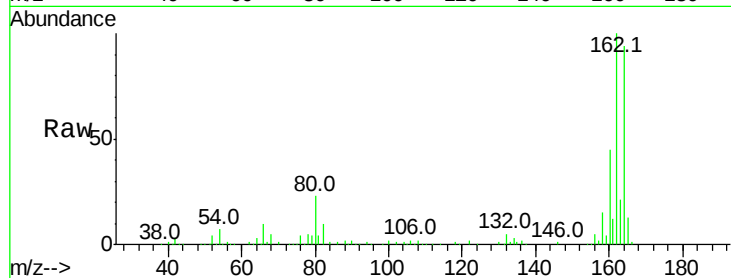




#56
 2,4-Dinitrotoluene
 Concen: 6.469 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.23 min
 Lab File: BF098534.D
 Acq: 14 Sep 2017 18:06

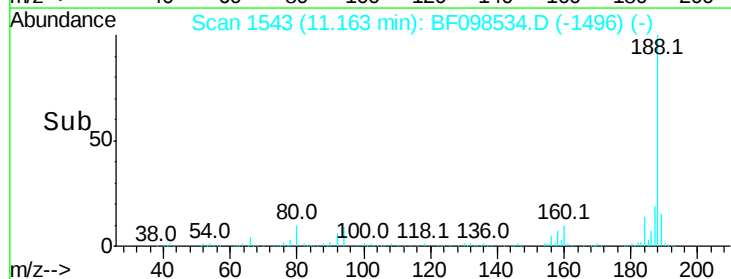
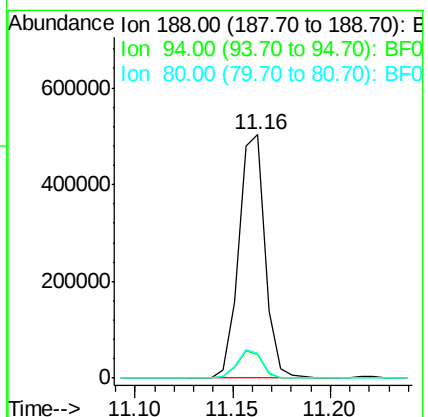
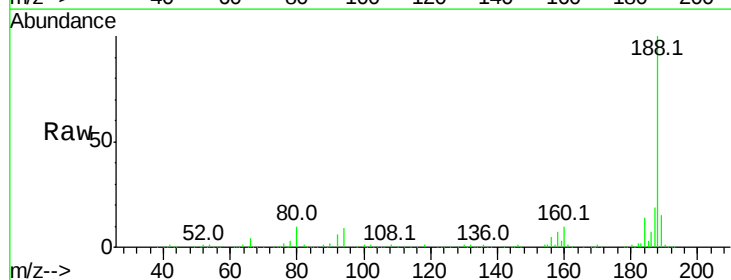
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BL

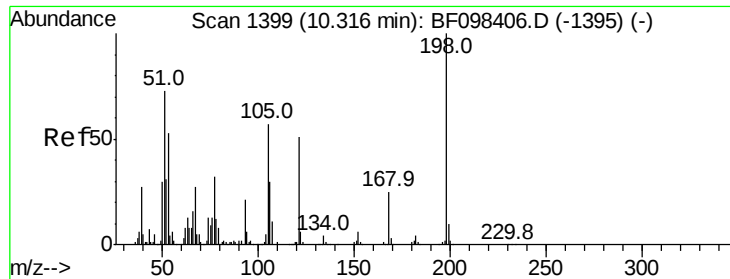
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098534.D
 Acq: 14 Sep 2017 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.3	10.2	15.2

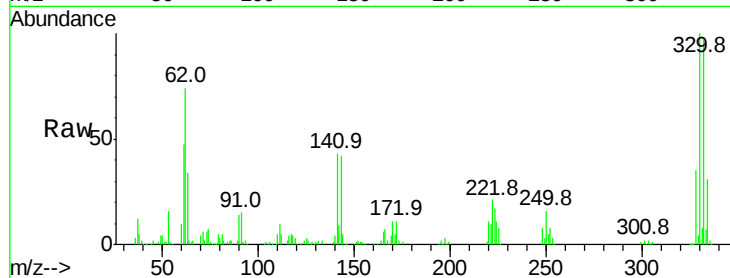




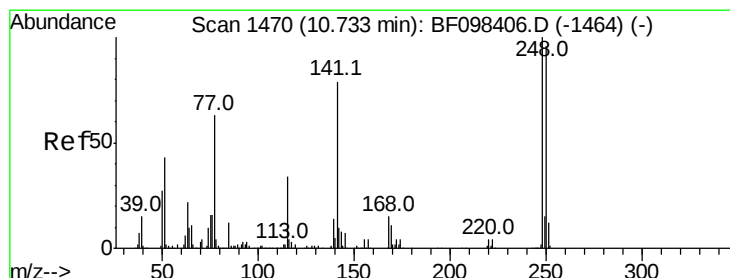
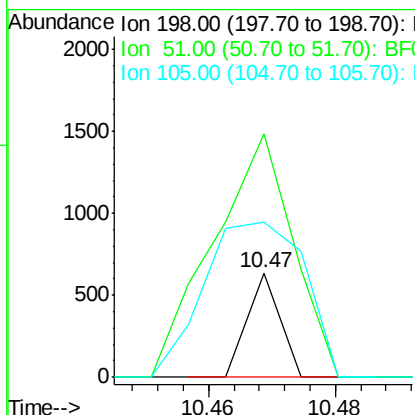
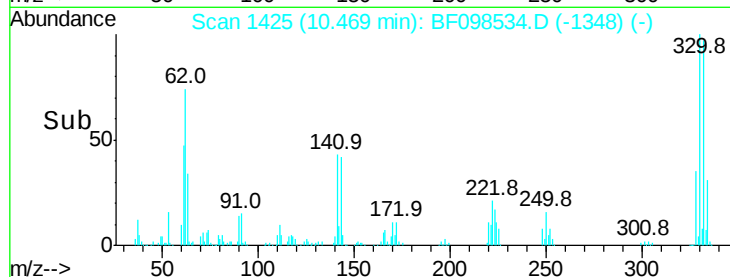
#64
4,6-Dinitro-2-methylphenol
Concen: 5.034 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098534.D
Acq: 14 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :
PB102300BL

Tot Ion:198 Resp: 225
Ion Ratio Lower Upper
198 100
51 233.3 53.2 93.2#
105 149.0 45.8 85.8#

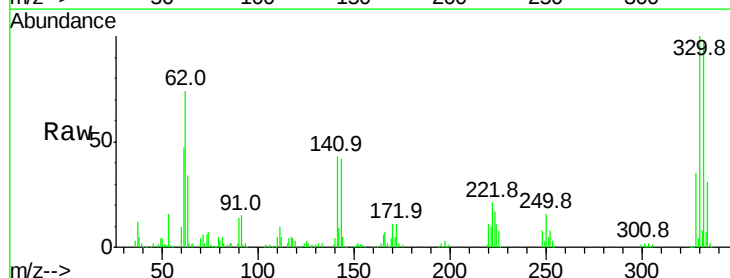


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

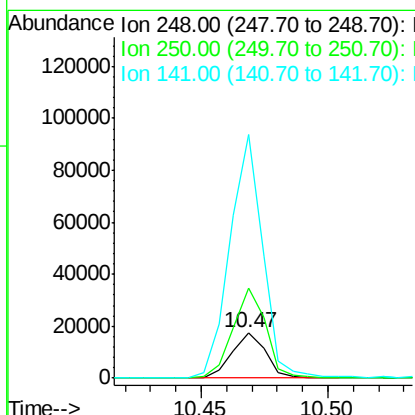
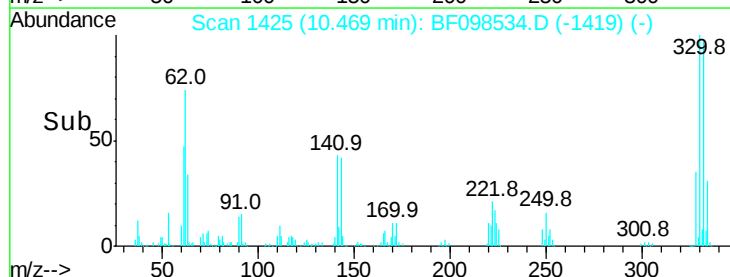


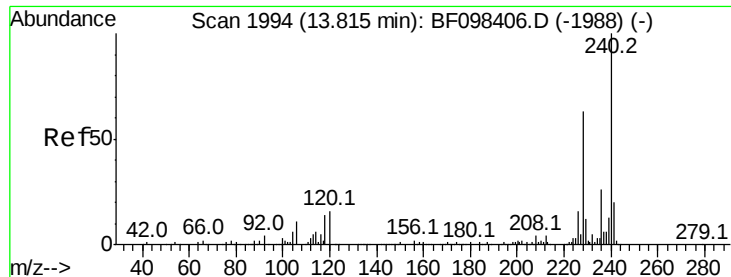
#66
4-Bromophenyl-phenylether
Concen: 3.632 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.26 min
Lab File: BF098534.D
Acq: 14 Sep 2017 18:06

Tgt Ion:248 Resp: 16155
Ion Ratio Lower Upper
248 100
250 198.4 76.8 115.2#
141 534.1 68.6 103.0#



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: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB102300BL

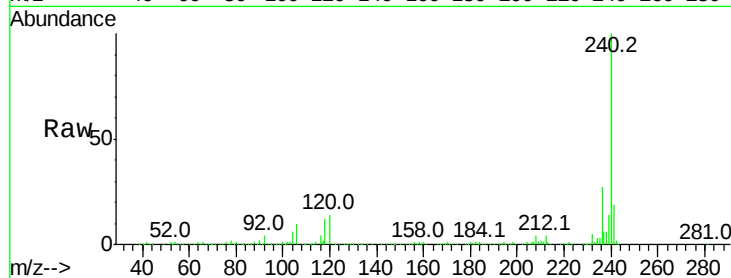
Tot Ion:240 Resp: 415174

Ion Ratio Lower Upper

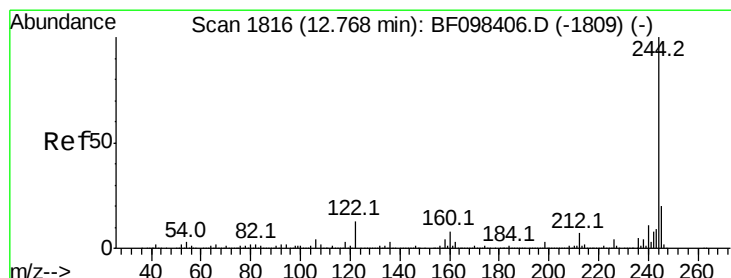
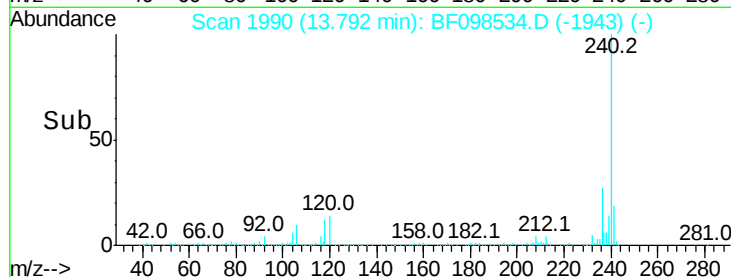
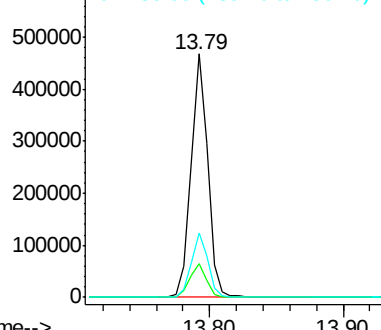
240 100

120 13.8 5.8 8.8#

236 26.7 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: 59.280 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098534.D

Acq: 14 Sep 2017 18:06

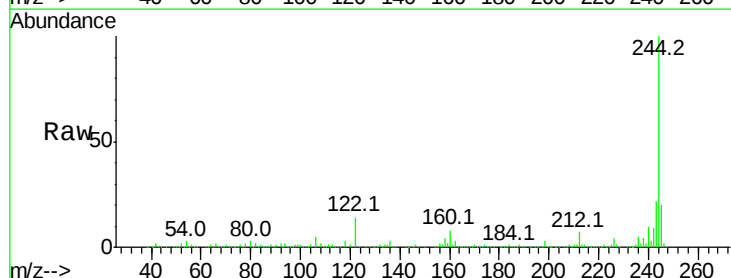
Tgt Ion:244 Resp: 1140227

Ion Ratio Lower Upper

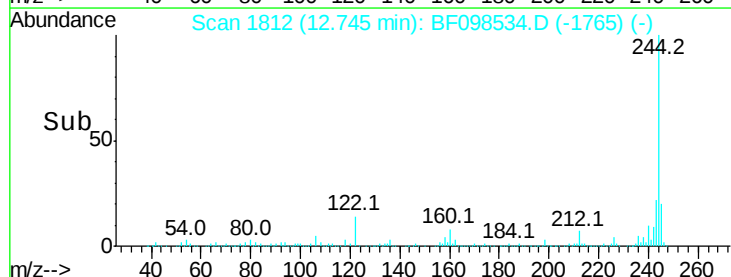
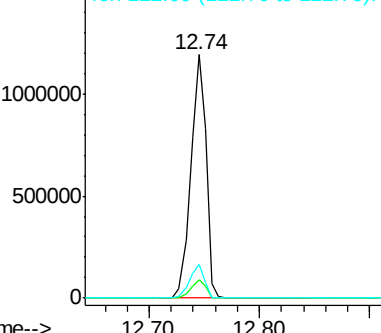
244 100

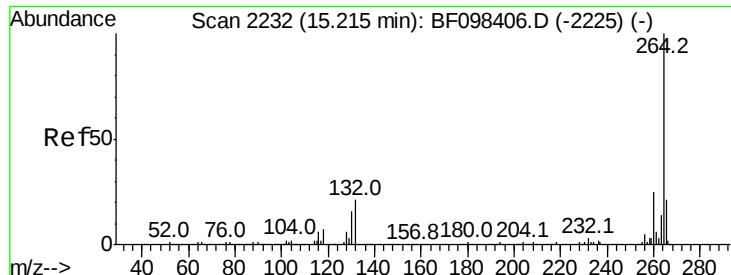
212 7.4 6.0 9.0

122 13.6 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

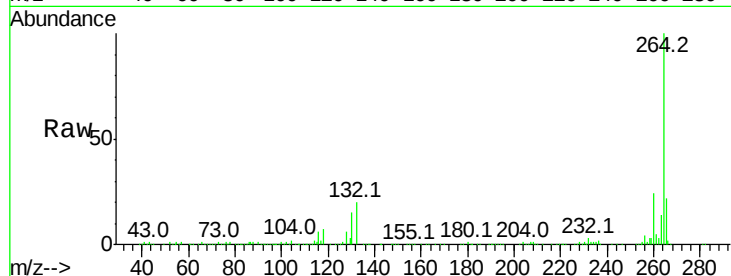




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF098534.D
 Acq: 14 Sep 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BL

Tot Ion: 264 Resp: 392003
 Ion Ratio Lower Upper
 264 100
 260 23.7 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

