

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098117.D
 Acq On : 29 Aug 2017 18:11
 Operator : SJ/JU
 Sample : I4988-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:59:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

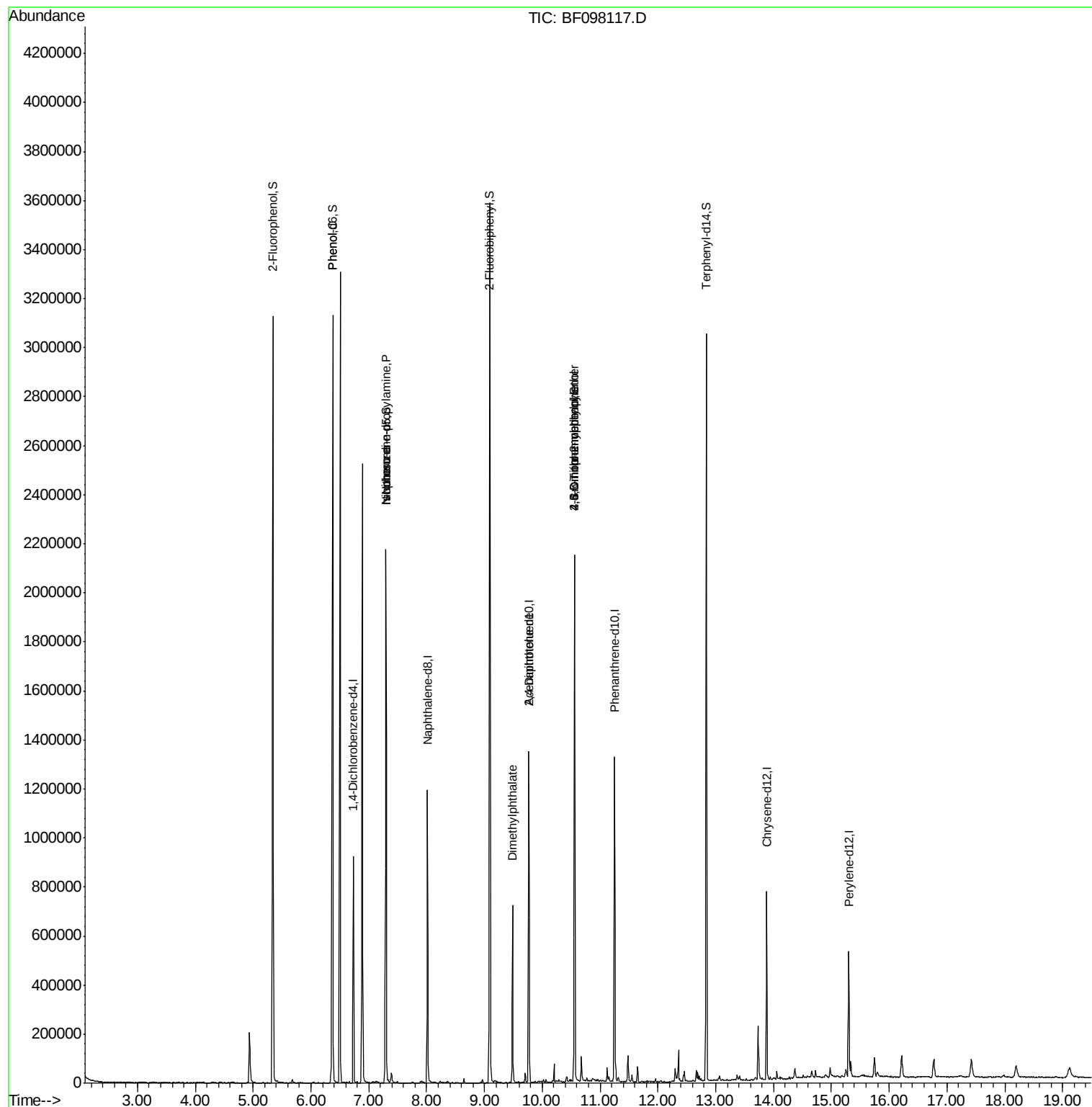
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	126379	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	519865	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	239595	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	448036	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	256140	20.00	ng	-0.02
86) Perylene-d12	15.30	264	232408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1001863	120.58	ng	0.00
7) Phenol-d6	6.37	99	1370355	121.39	ng	-0.01
23) Nitrobenzene-d5	7.30	82	868698	90.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	273610	131.61	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1239053	75.98	ng	-0.02
78) Terphenyl-d14	12.84	244	955367	77.78	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	39977	3.028	ng	# 68
19) n-Nitroso-di-n-propylamine	7.30	70	115878	14.995	ng	# 72
25) Isophorone	7.30	82	857072	43.072	ng	# 67
49) Dimethylphthalate	9.49	163	250937	14.328	ng	100
56) 2,4-Dinitrotoluene	9.77	165	30519	6.956	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	614	8.561	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	17602	3.783	ng	# 1

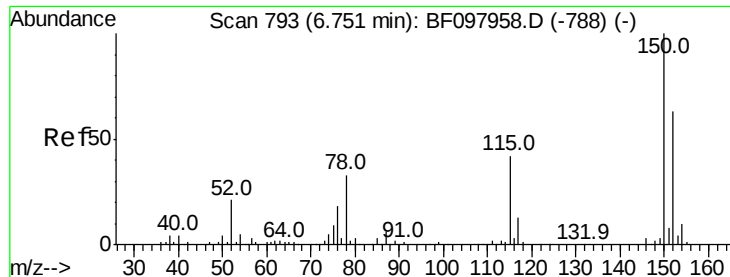
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098117.D
Acq On : 29 Aug 2017 18:11
Operator : SJ/JU
Sample : I4988-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 30 02:59:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



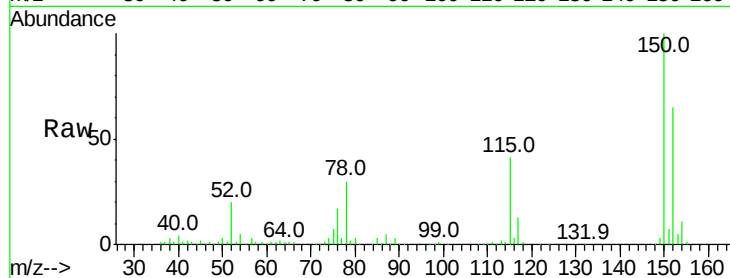


#1

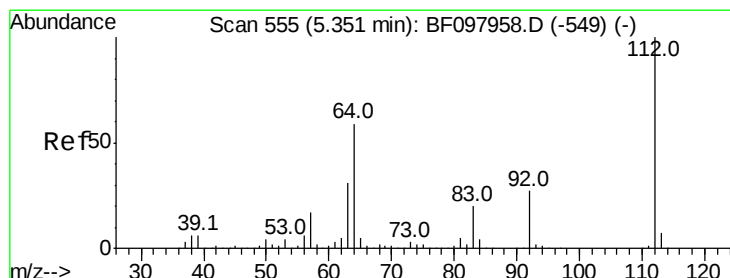
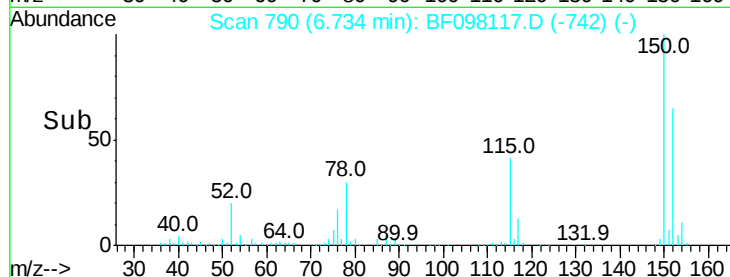
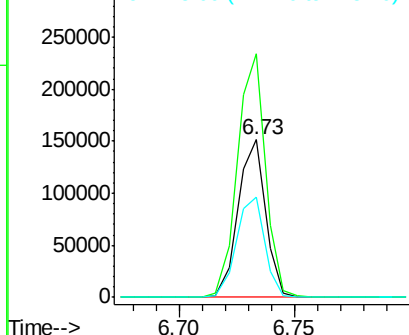
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126379
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 63.6 52.2 78.2



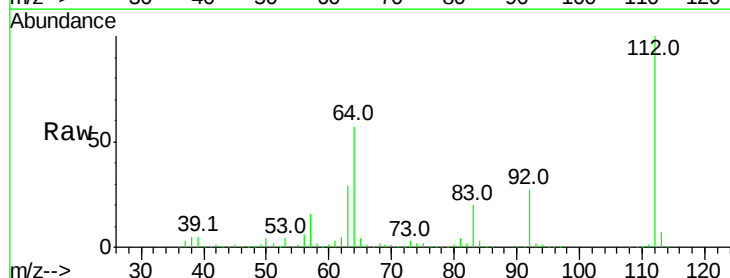
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



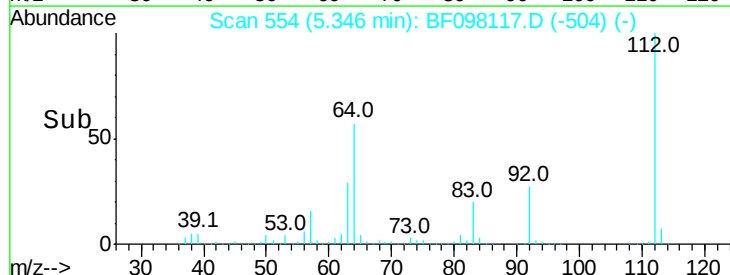
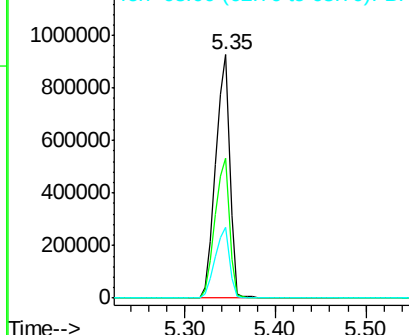
#5

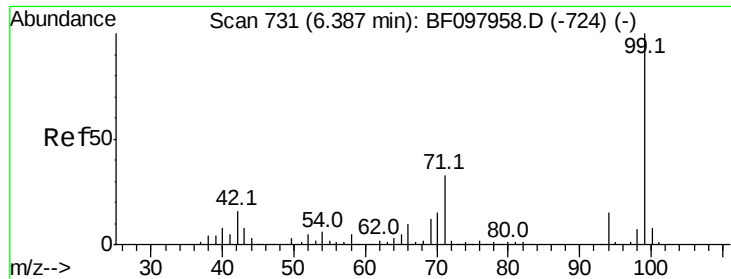
2-Fluorophenol
Concen: 120.582 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Tgt Ion:112 Resp: 1001863
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 29.1 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: 121.389 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Instrument :

BNA_F

ClientSampleId :

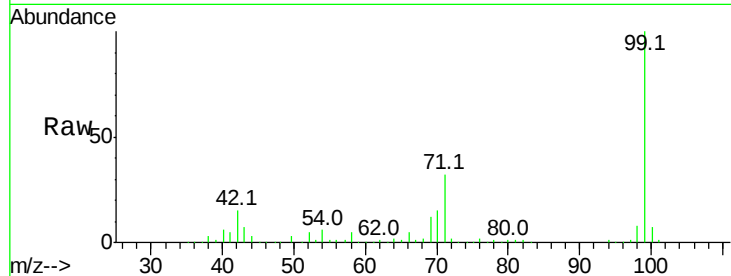
Tot Ion: 99 Resp: 1370355

Ion Ratio Lower Upper

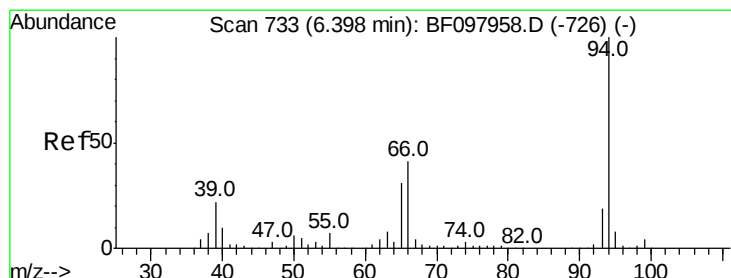
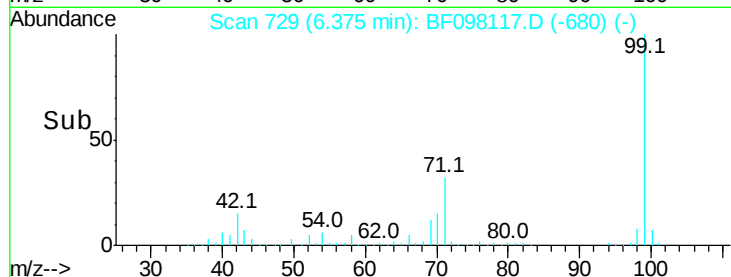
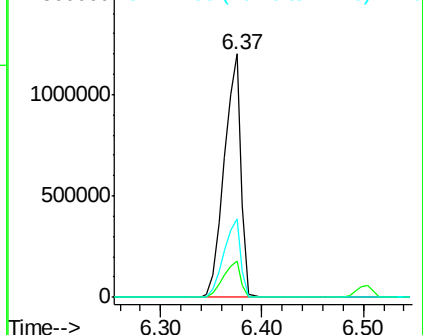
99 100

42 15.0 13.5 20.3

71 32.2 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



#10

Phenol

Concen: 3.028 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

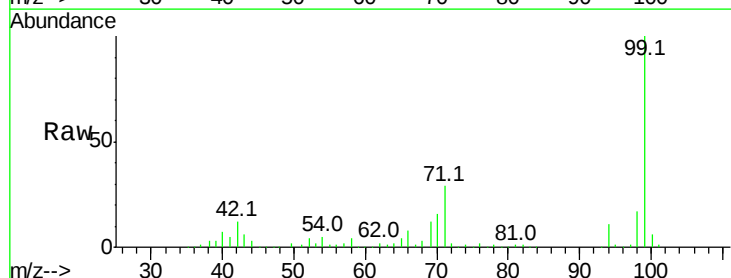
Tgt Ion: 94 Resp: 39977

Ion Ratio Lower Upper

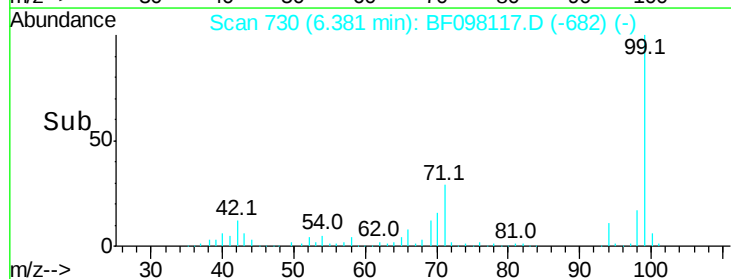
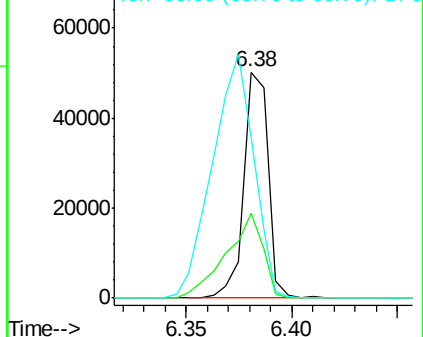
94 100

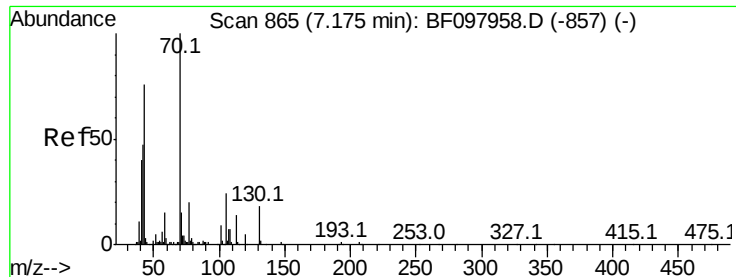
65 37.4 9.9 49.9

66 71.2 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.995 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 115878

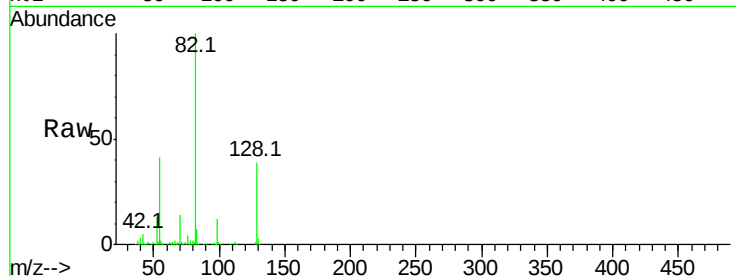
Ion Ratio Lower Upper

70 100

42 39.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

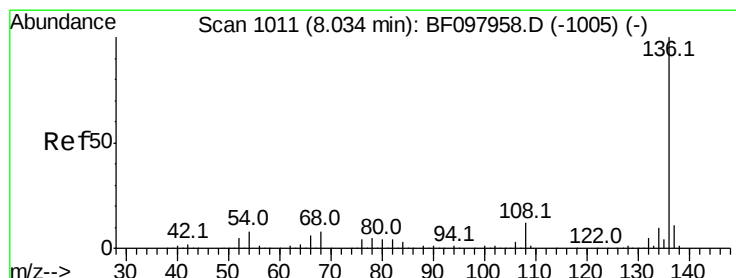
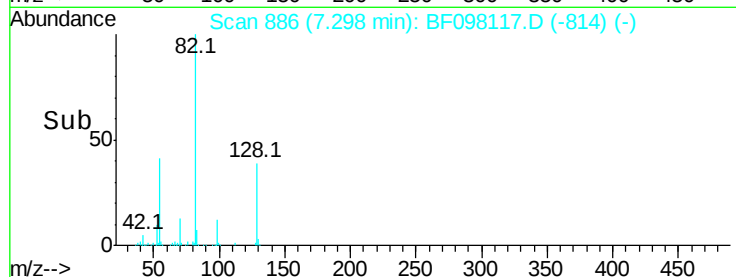
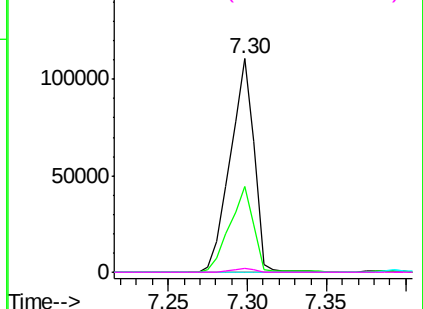


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Tgt Ion: 136 Resp: 519865

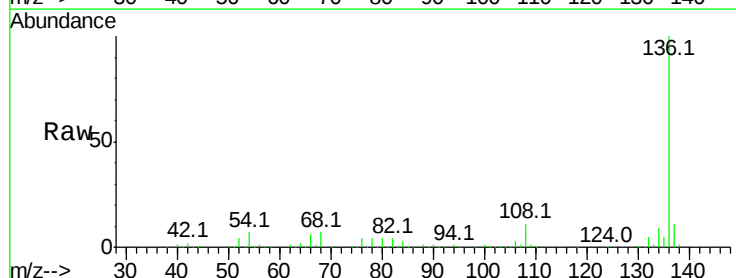
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#

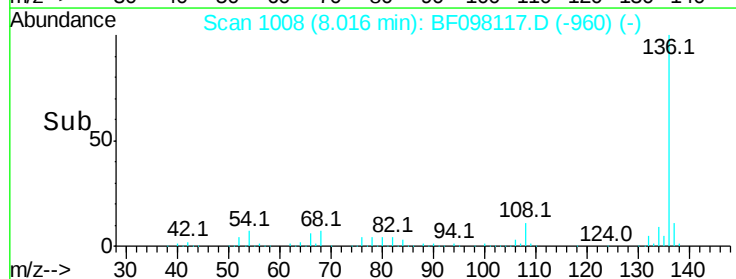
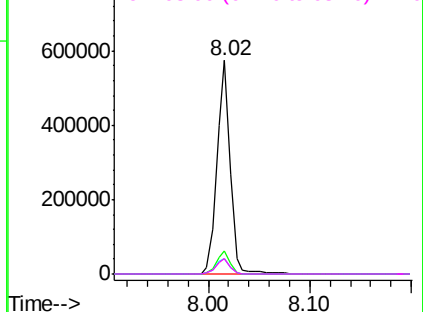


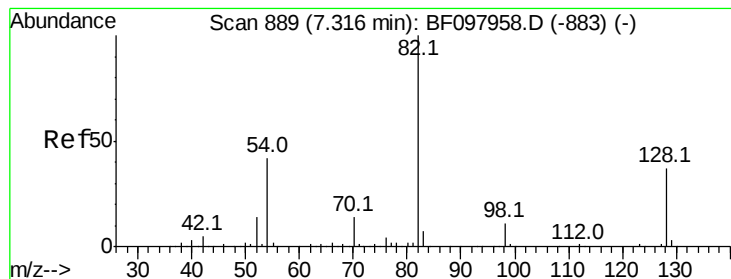
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.777 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Instrument :

BNA_F

ClientSampled :

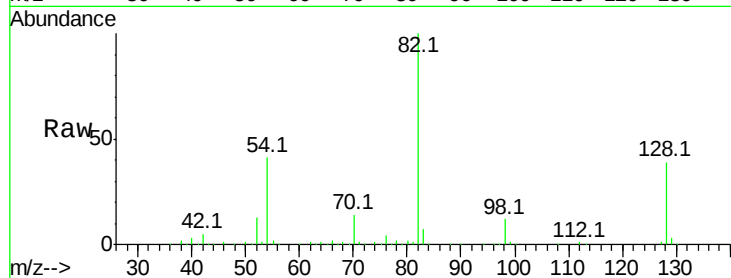
Tot Ion: 82 Resp: 868698

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

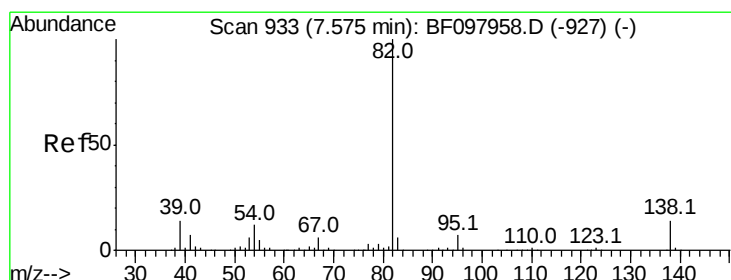
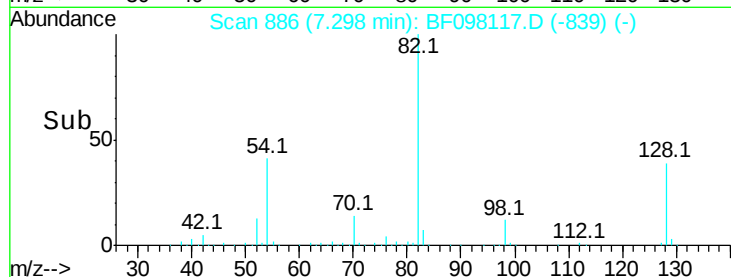
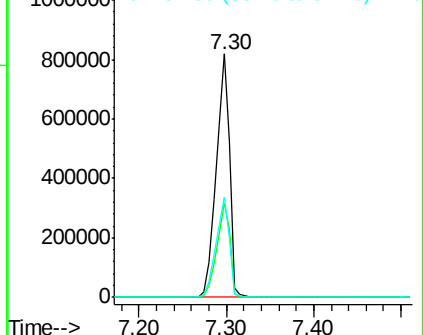
54 41.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 43.072 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

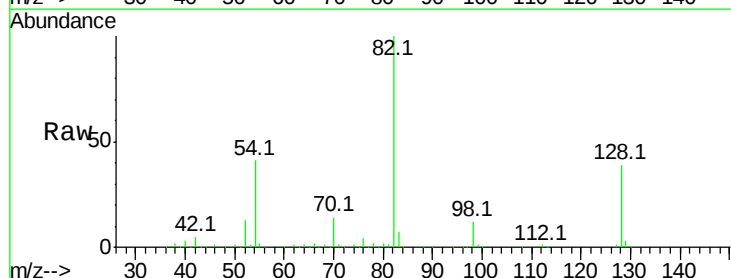
Tgt Ion: 82 Resp: 857072

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

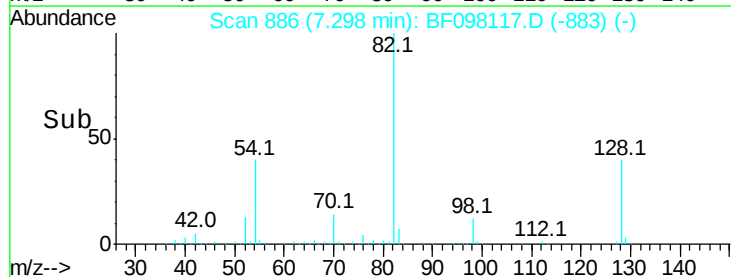
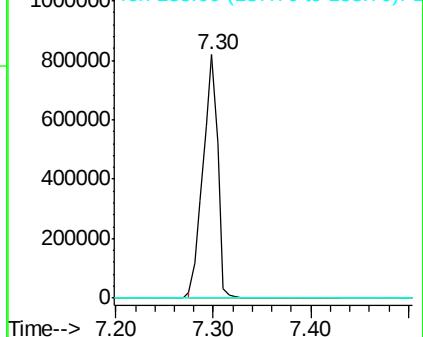
138 0.0 13.1 19.7#

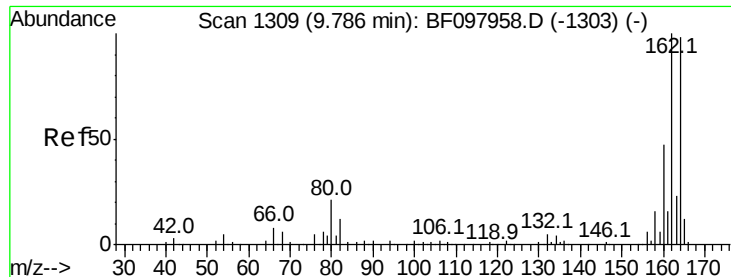


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

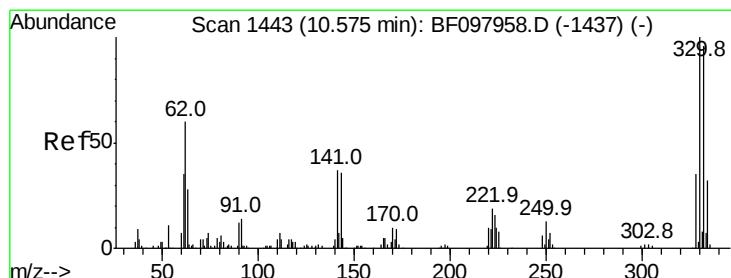
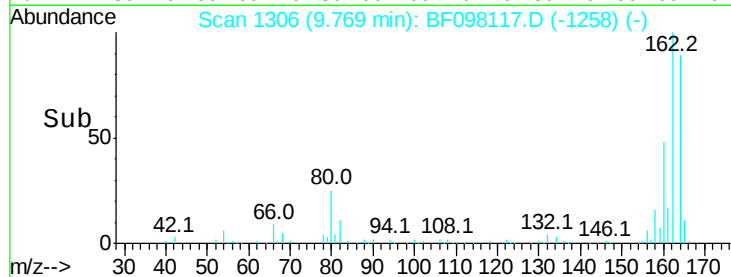
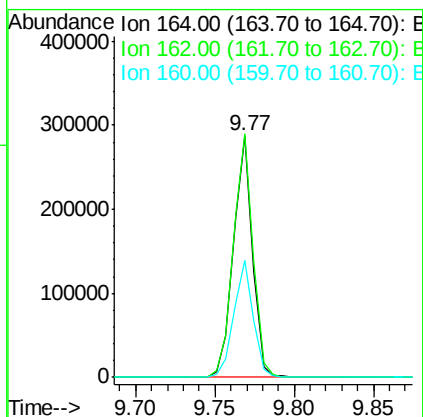
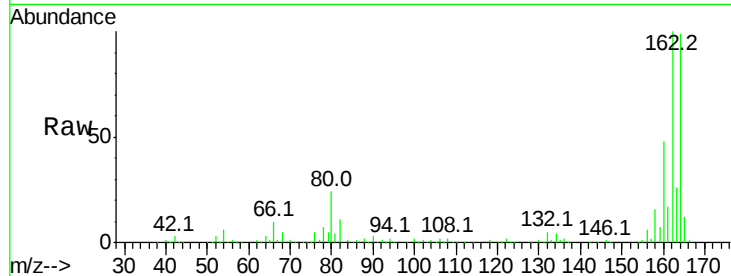




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098117.D
 Acq: 29 Aug 2017 18:11

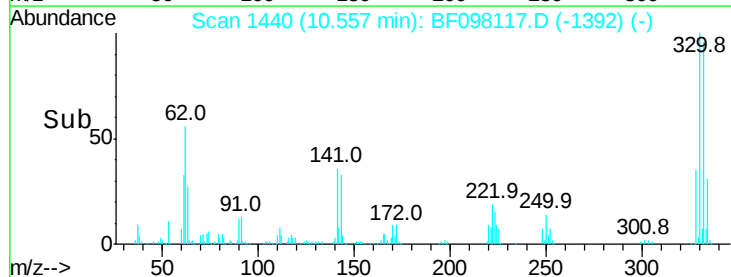
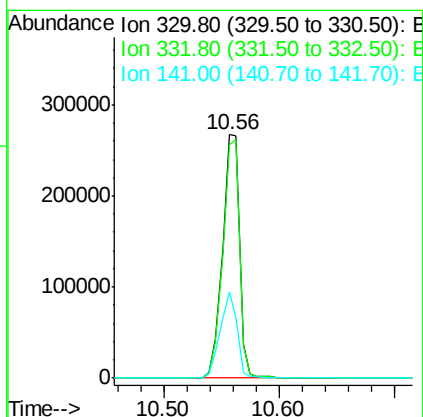
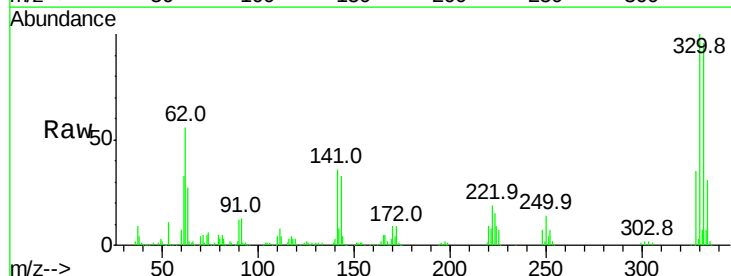
Instrument :
 BNA_F
 ClientSampleId :

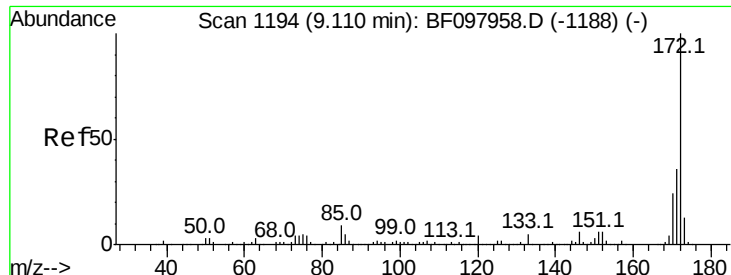
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	48.4	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 131.614 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098117.D
 Acq: 29 Aug 2017 18:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	35.6	31.4	47.2

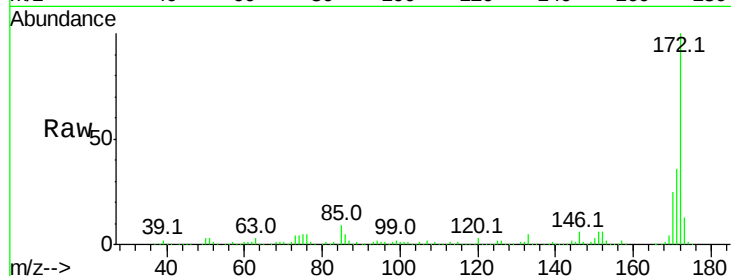




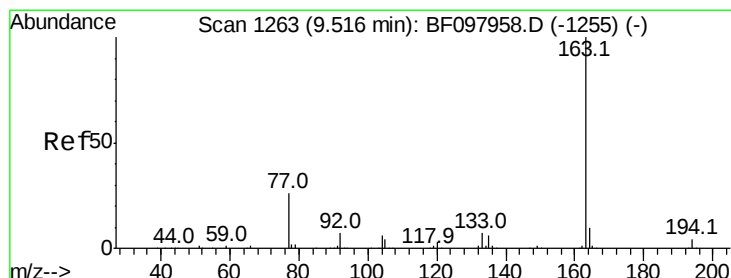
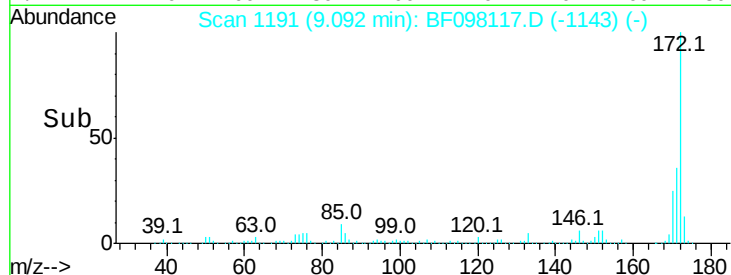
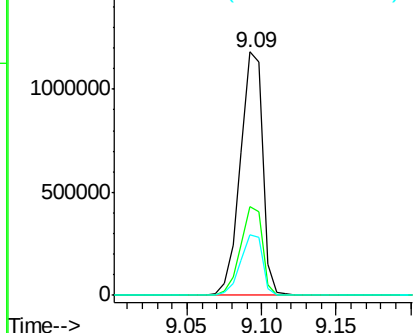
#44
2-Fluorobiphenyl
Concen: 75.979 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1239053
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.7 19.8 29.8

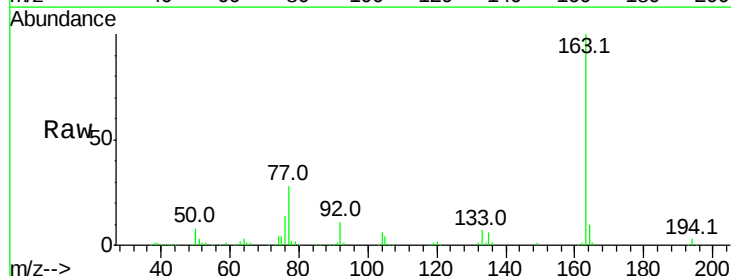


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

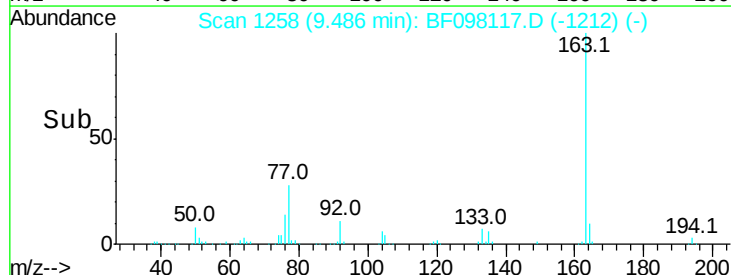
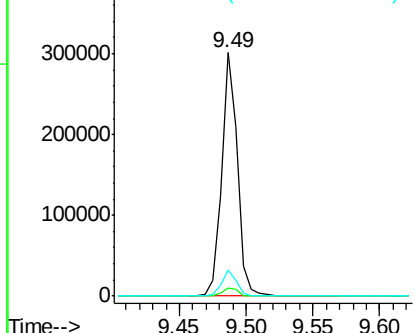


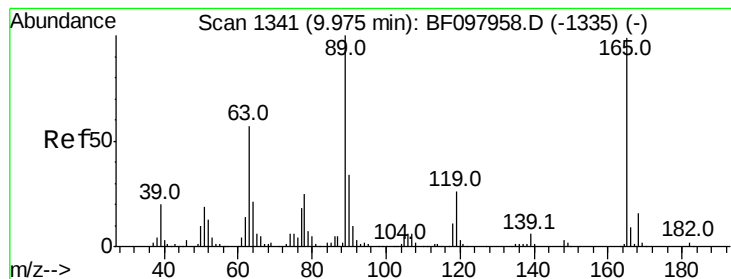
#49
Dimethylphthalate
Concen: 14.328 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Tgt Ion:163 Resp: 250937
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 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





#56

2,4-Dinitrotoluene

Concen: 6.956 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 30519

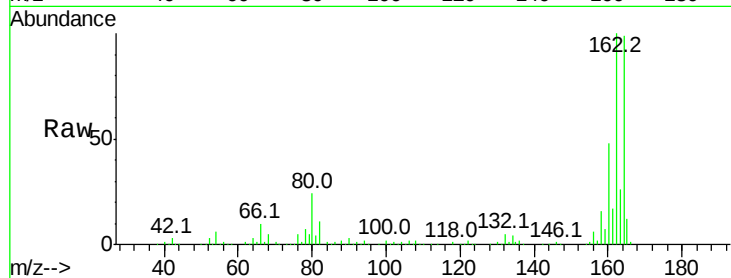
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 2.2 46.4 69.6#

182 0.0 1.8 2.6#

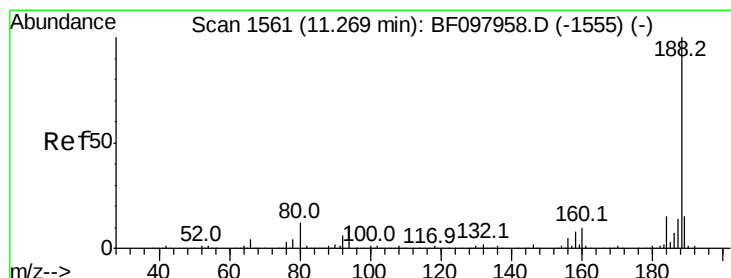
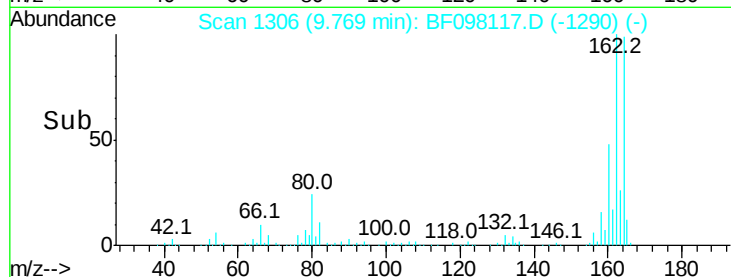
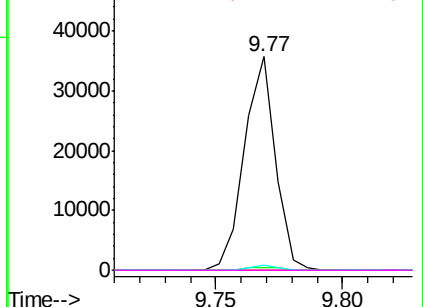


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

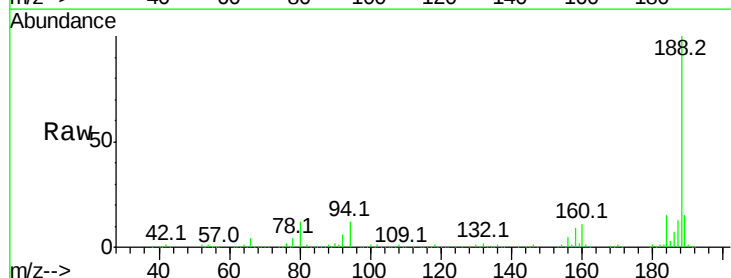
Tgt Ion:188 Resp: 448036

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

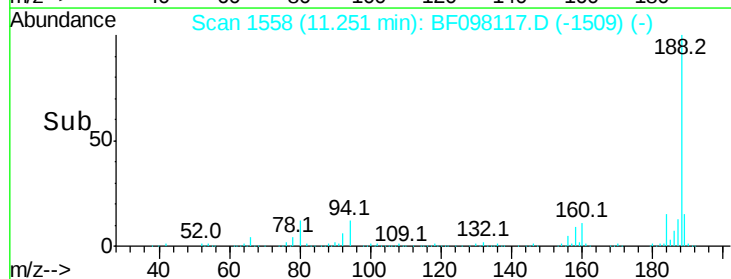
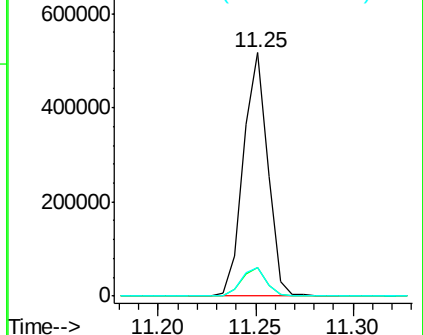
80 11.8 10.2 15.2

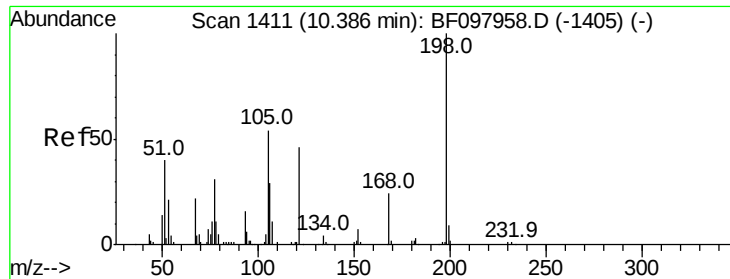


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

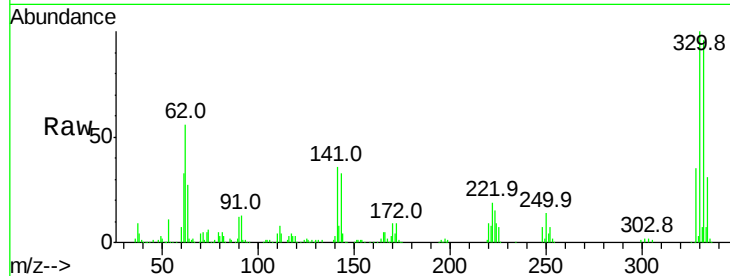




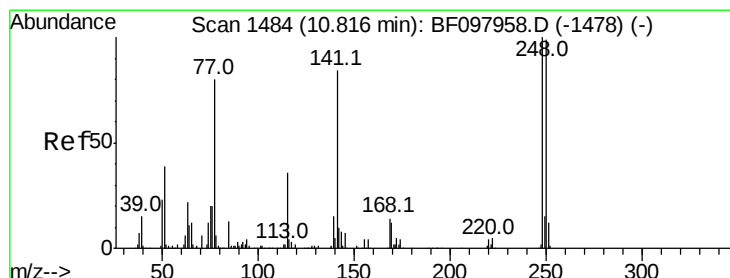
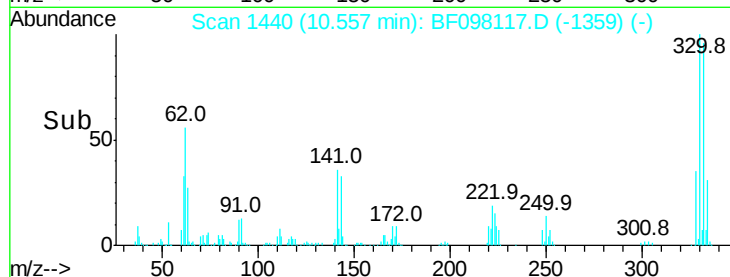
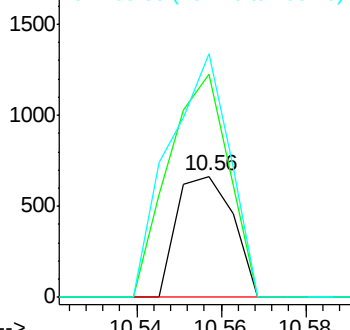
#64
4,6-Dinitro-2-methylphenol
Concen: 8.561 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 614
Ion Ratio Lower Upper
198 100
51 184.6 53.2 93.2#
105 201.4 45.8 85.8#

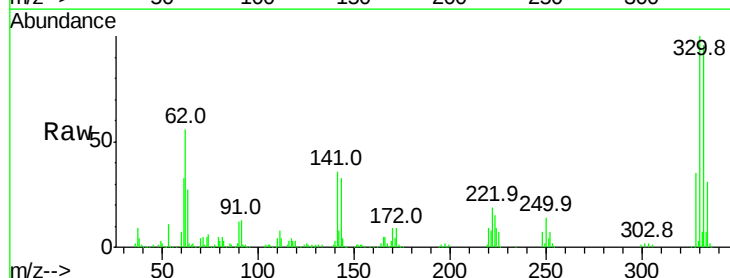


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

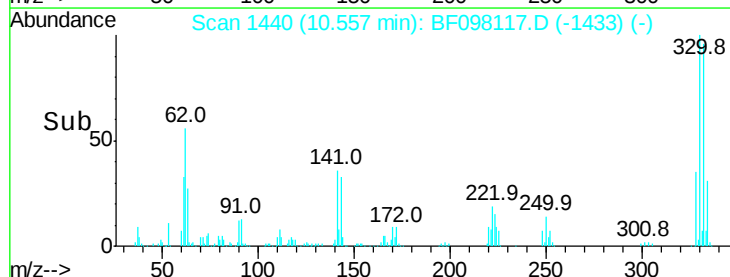
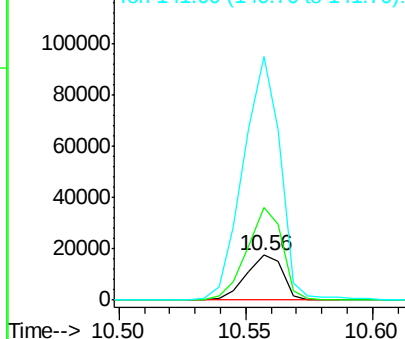


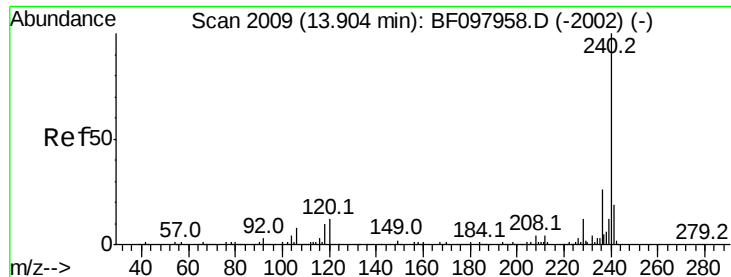
#66
4-Bromophenyl-phenylether
Concen: 3.783 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF098117.D
Acq: 29 Aug 2017 18:11

Tgt Ion:248 Resp: 17602
Ion Ratio Lower Upper
248 100
250 206.5 76.8 115.2#
141 539.6 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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

Instrument :

BNA_F

ClientSampleId :

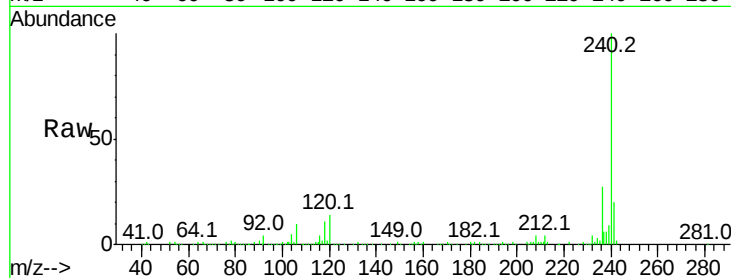
Tot Ion:240 Resp: 256140

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

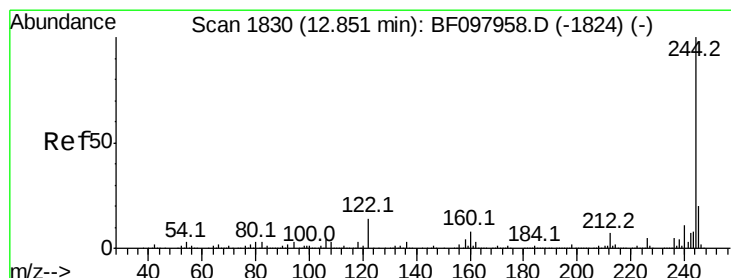
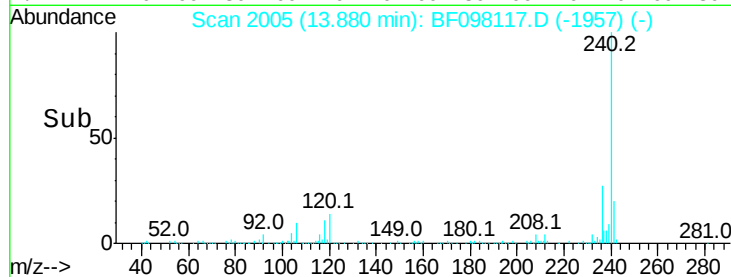
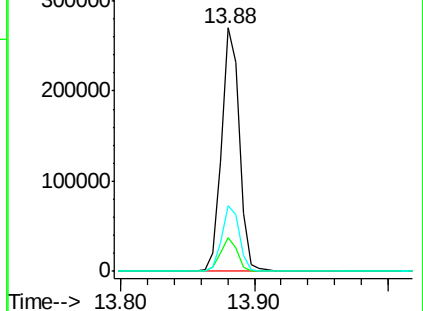
236 26.7 20.5 30.7



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: 77.780 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098117.D

Acq: 29 Aug 2017 18:11

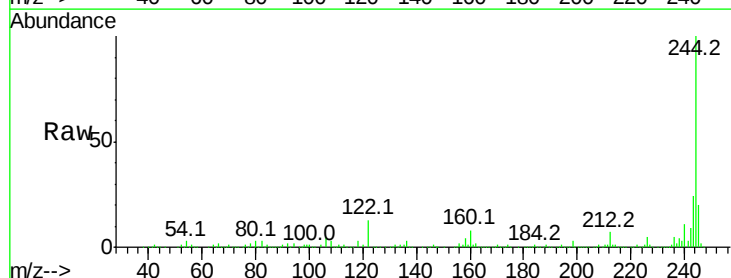
Tgt Ion:244 Resp: 955367

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

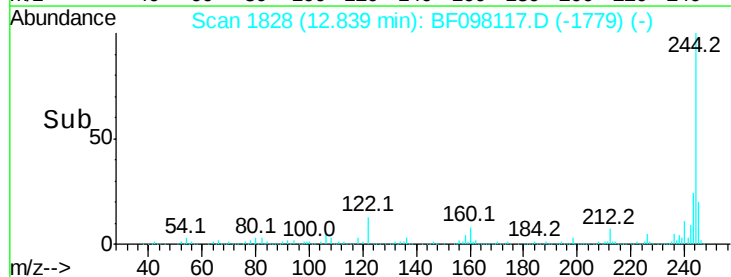
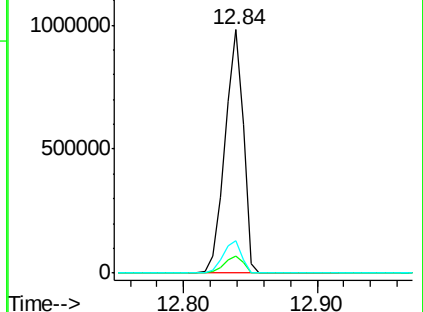
122 13.5 10.3 15.5

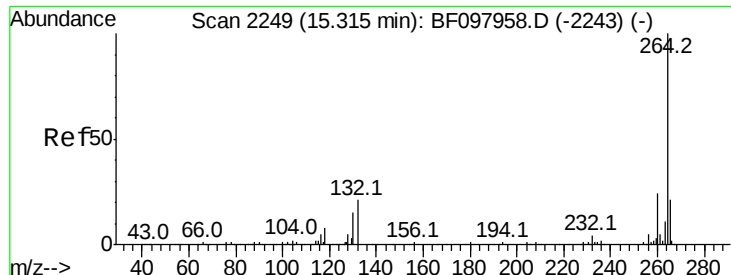


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

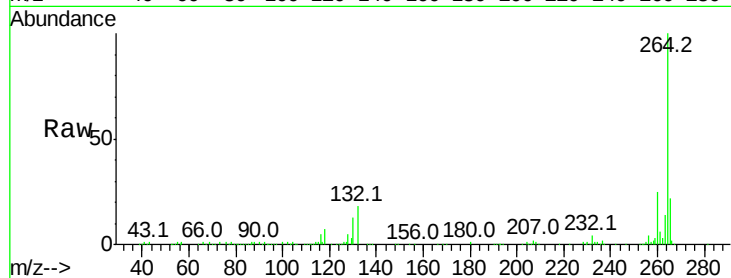




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098117.D
 Acq: 29 Aug 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.0	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

