

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098113.D
 Acq On : 29 Aug 2017 16:19
 Operator : SJ/JU
 Sample : I4988-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:58:44 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

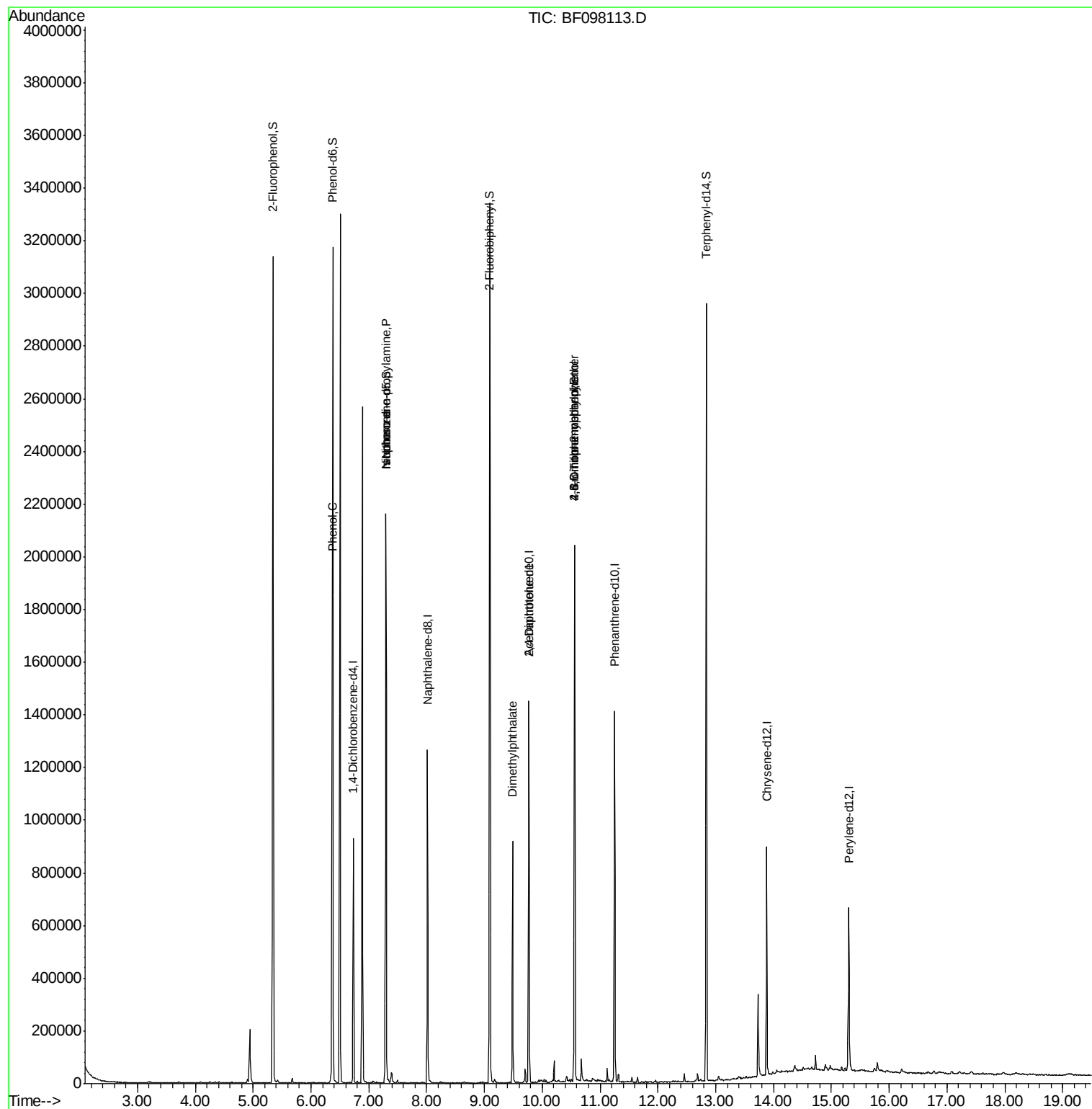
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	129682	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	534687	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	247932	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	463337	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	298846	20.00	ng	-0.02
86) Perylene-d12	15.30	264	269523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1015863	119.15	ng	0.00
7) Phenol-d6	6.37	99	1392304	120.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	876237	89.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	278679	129.54	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1183714	70.14	ng	-0.01
78) Terphenyl-d14	12.84	244	920218	64.21	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	53908	3.979	ng	85
19) n-Nitroso-di-n-propylamine	7.30	70	115315	14.542	ng	# 71
25) Isophorone	7.30	82	864355	42.234	ng	# 67
49) Dimethylphthalate	9.49	163	339732	18.746	ng	100
56) 2,4-Dinitrotoluene	9.77	165	31192	6.871	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	621	8.556	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	18532	3.852	ng	# 1

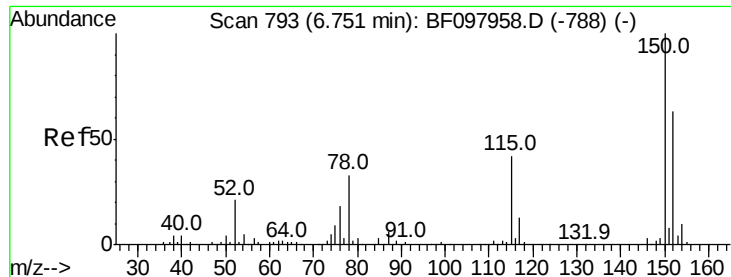
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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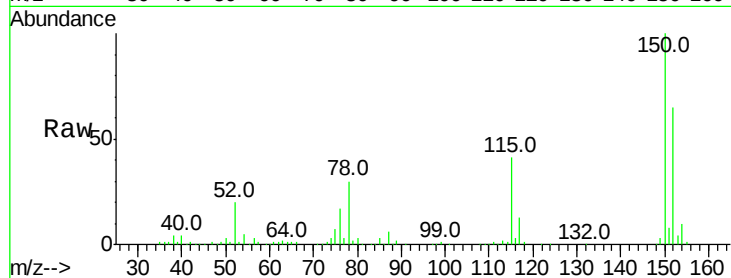


#1

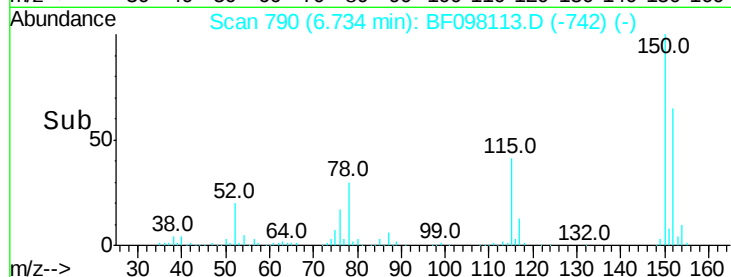
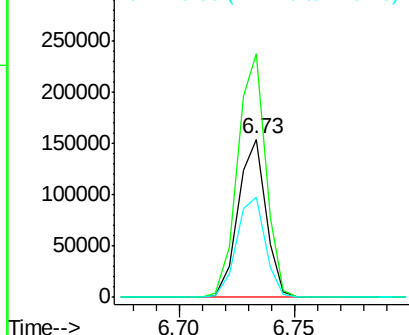
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129682
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 63.3 52.2 78.2



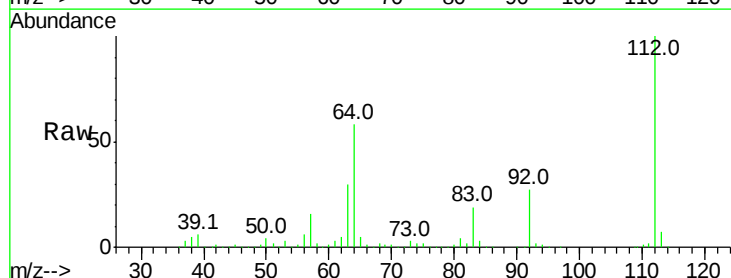
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



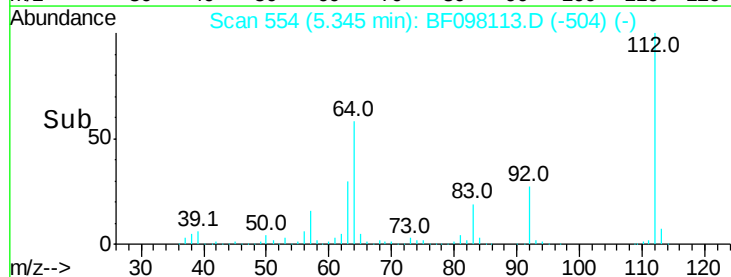
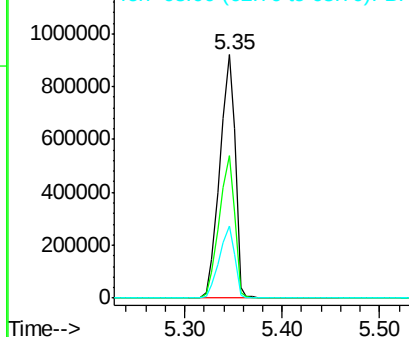
#5

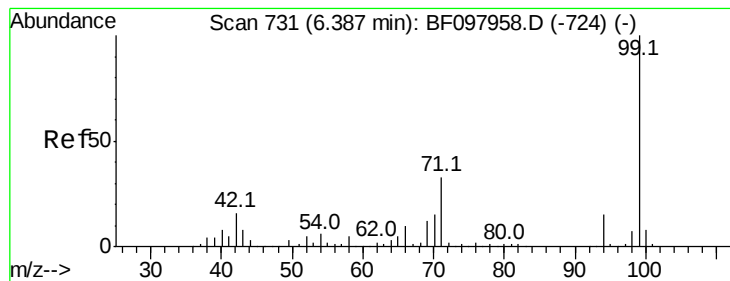
2-Fluorophenol
Concen: 119.153 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Tgt Ion:112 Resp: 1015863
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.7 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: 120.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

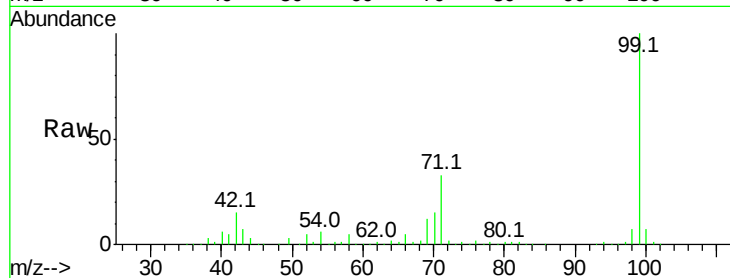
Tot Ion: 99 Resp: 1392304

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

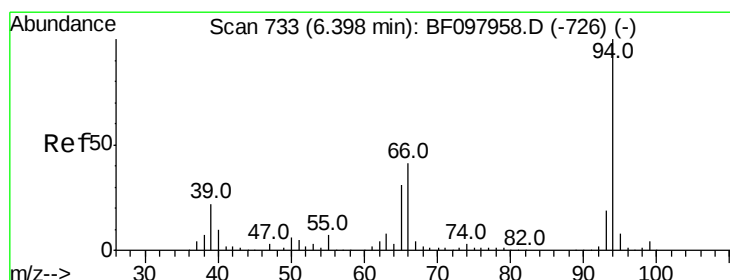
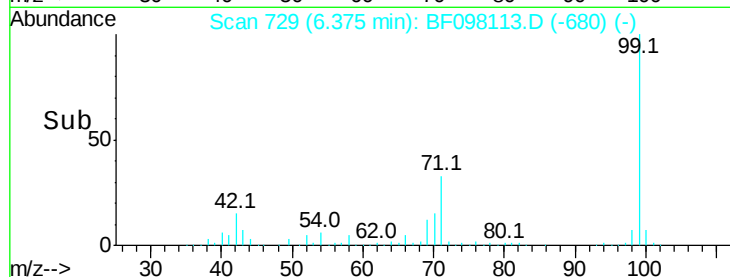
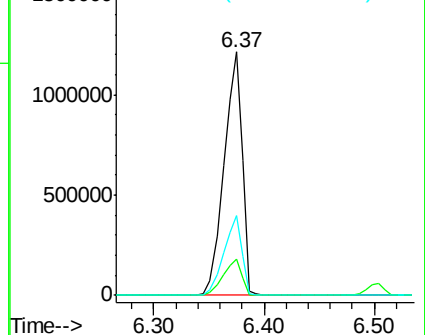
71 32.5 24.5 36.7



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: 3.979 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

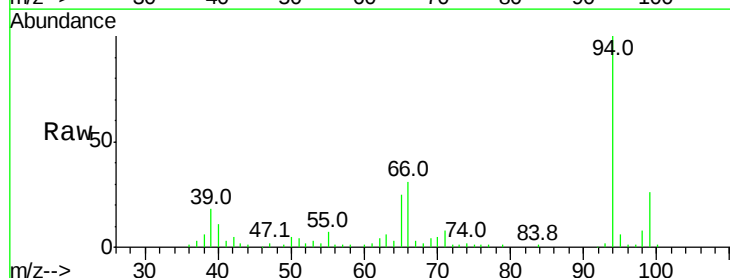
Tgt Ion: 94 Resp: 53908

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

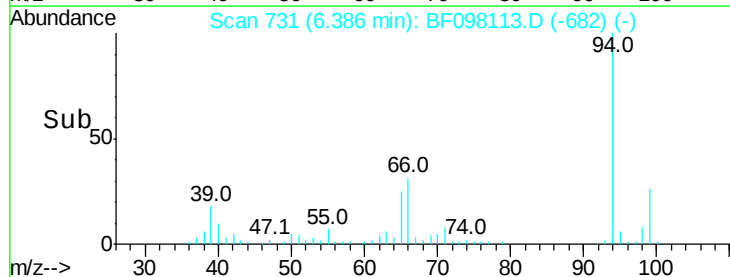
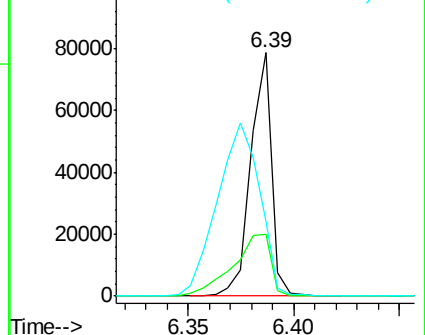
66 30.8 23.1 63.1

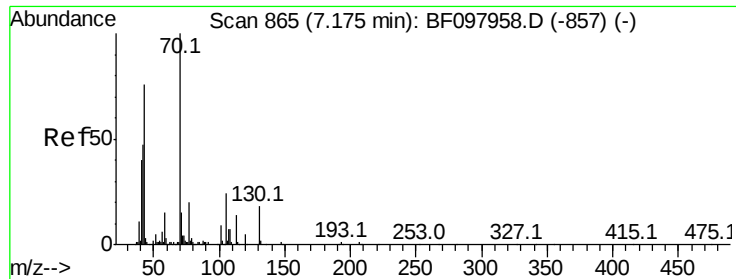


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 14.542 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 115315

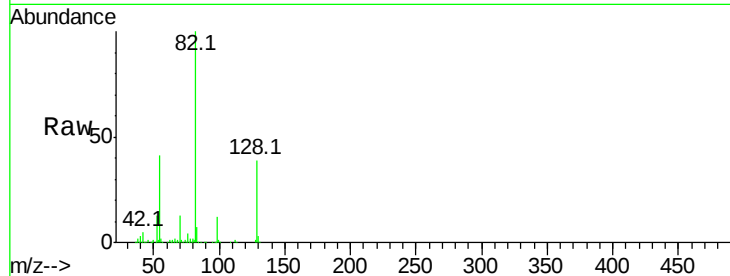
Ion Ratio Lower Upper

70 100

42 39.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

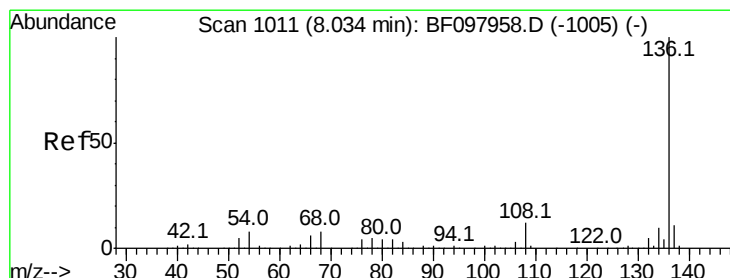
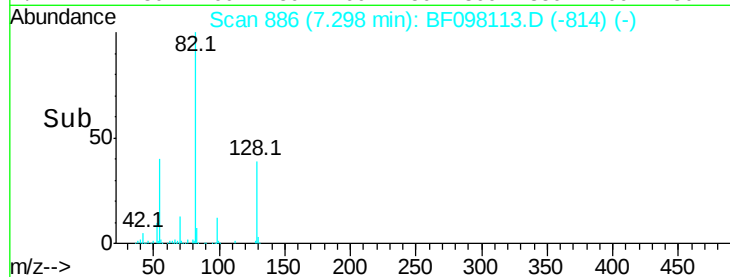
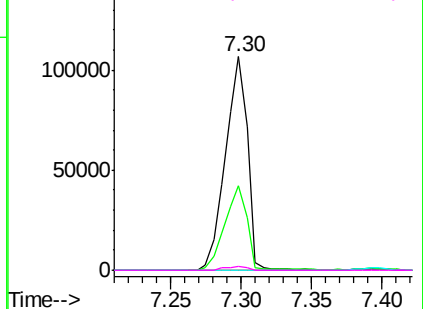


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF098113.D

Acq: 29 Aug 2017 16:19

Tgt Ion: 136 Resp: 534687

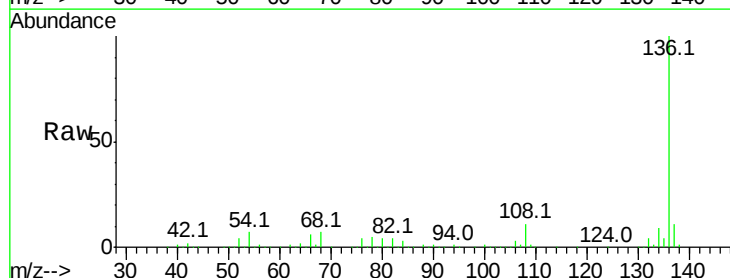
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 7.2 4.1 6.1#

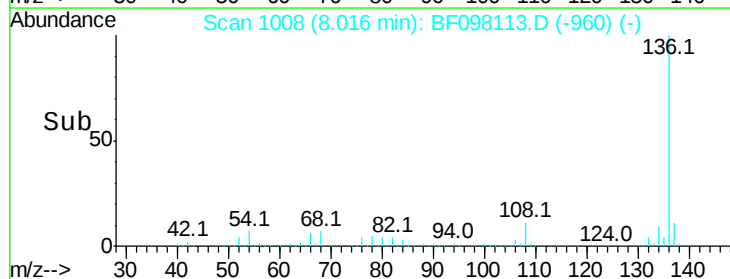
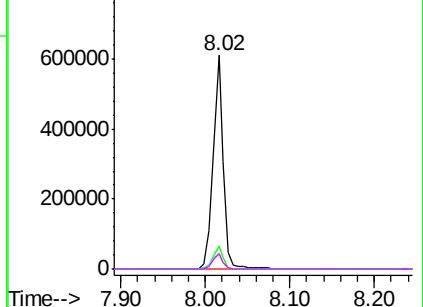


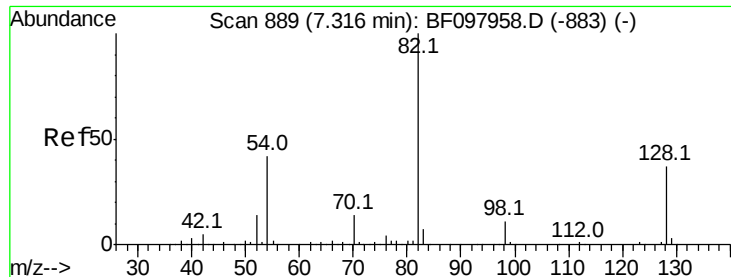
Abundance Ion 136.00 (135.70 to 136.70): E

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

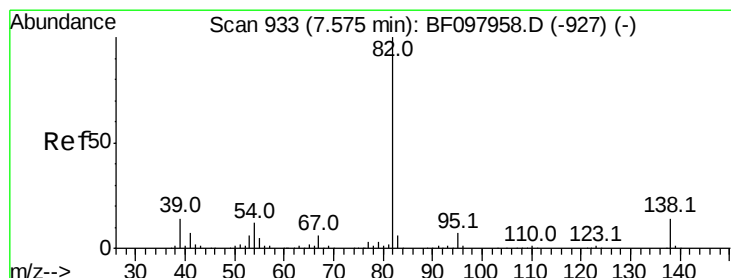
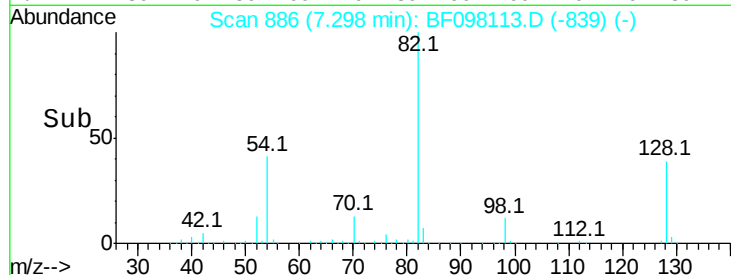
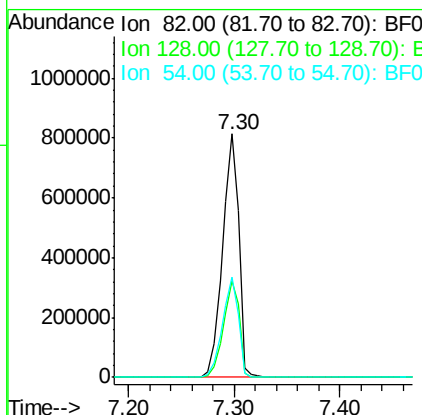
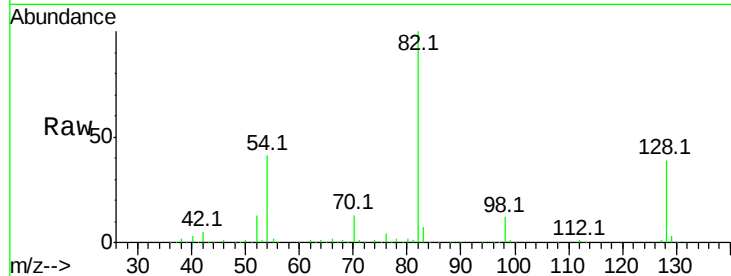




#23
 Nitrobenzene-d5
 Concen: 89.026 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

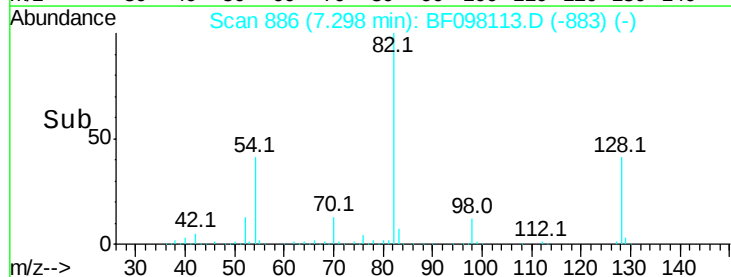
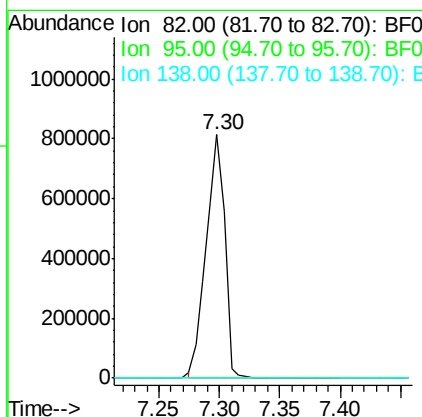
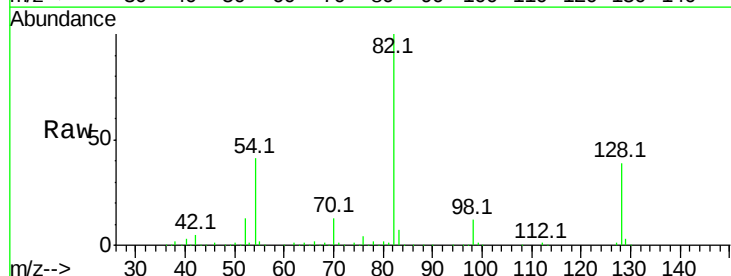
Instrument :
 BNA_F
 ClientSampled :

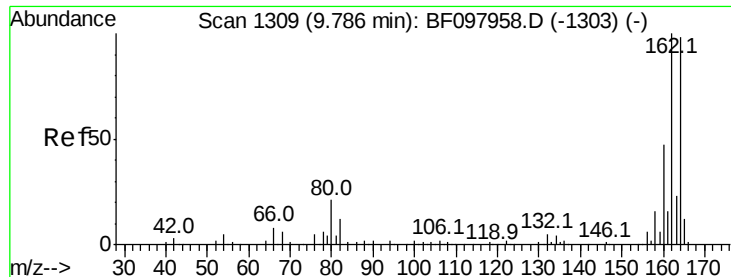
Tot Ion	82	Resp	876237
Ion Ratio	Lower	Upper	
82	100		
128	39.4	34.0	51.0
54	41.1	42.2	63.2#



#25
 Isophorone
 Concen: 42.234 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.28 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Tgt Ion	82	Resp	864355
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

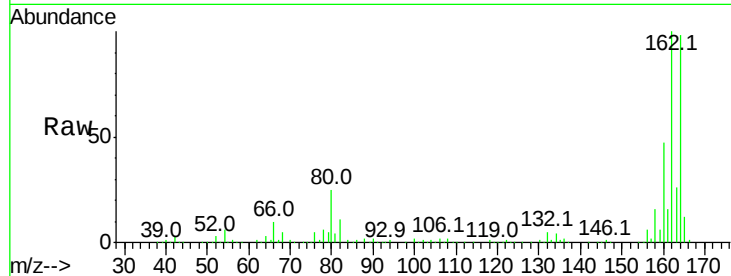




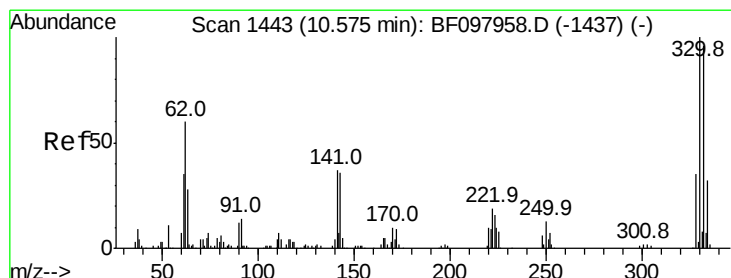
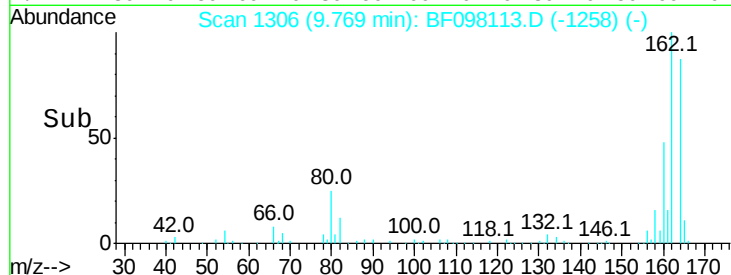
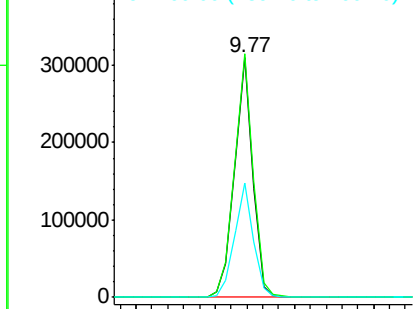
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 247932
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 47.8 36.2 54.2

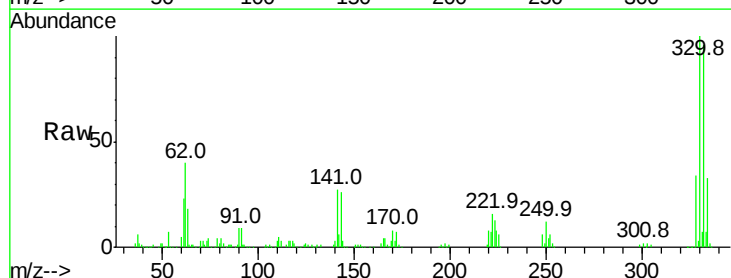


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

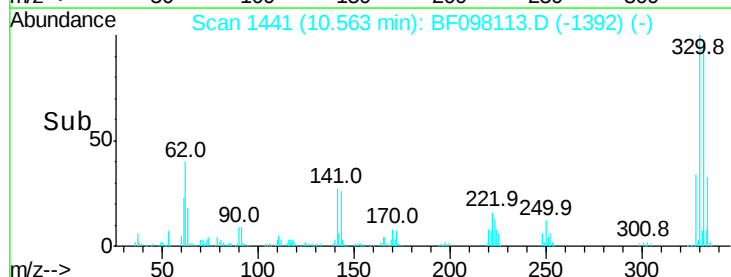
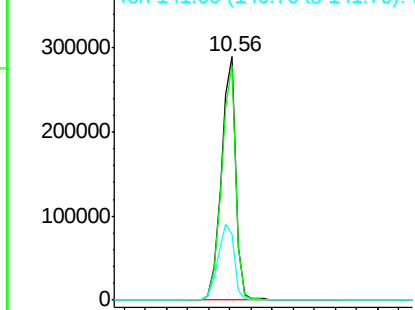


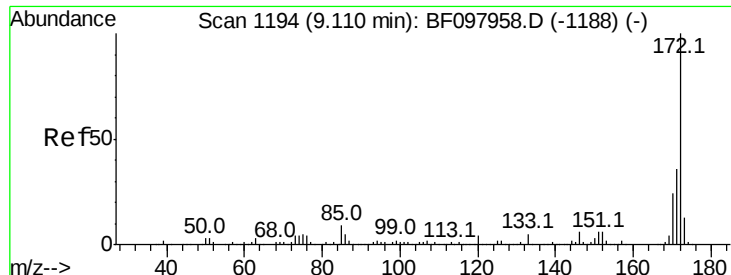
#41
 2,4,6-Tribromophenol
 Concen: 129.545 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Tgt Ion:330 Resp: 278679
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 35.5 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

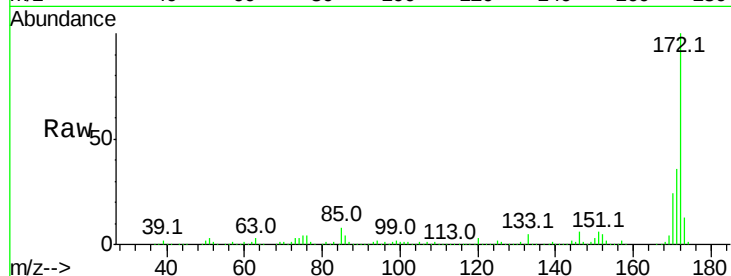




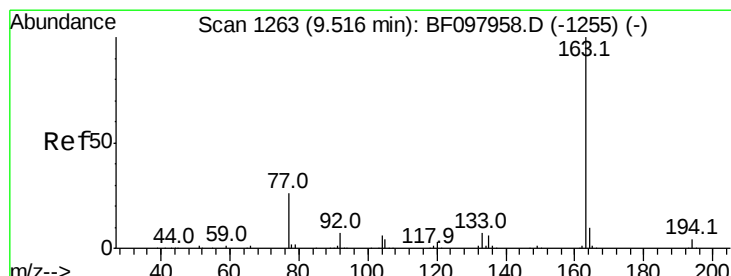
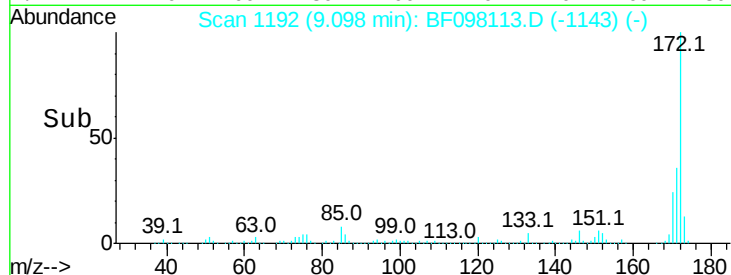
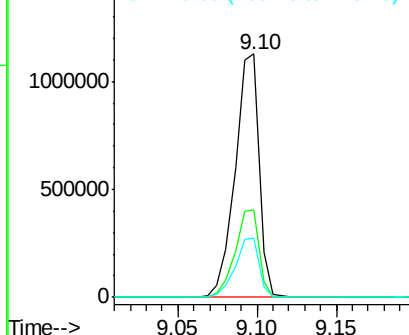
#44
2-Fluorobiphenyl
Concen: 70.145 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1183714
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.5 19.8 29.8

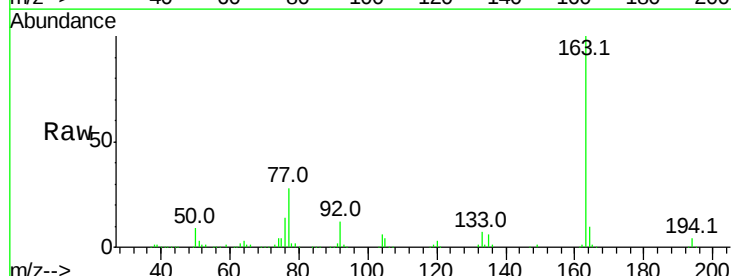


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

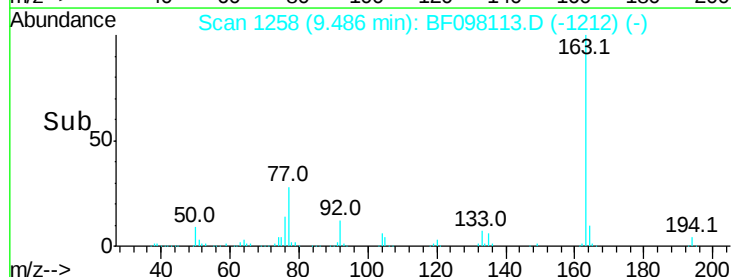
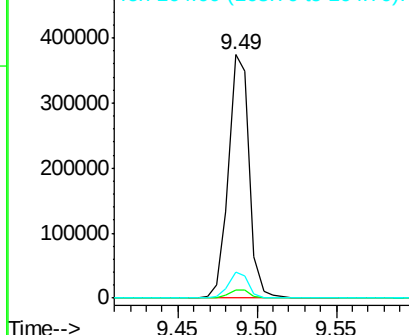


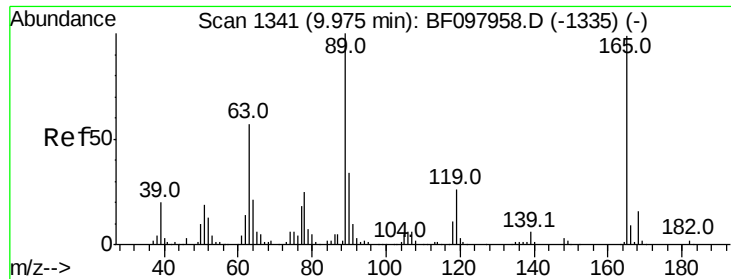
#49
Dimethylphthalate
Concen: 18.746 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Tgt Ion:163 Resp: 339732
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 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

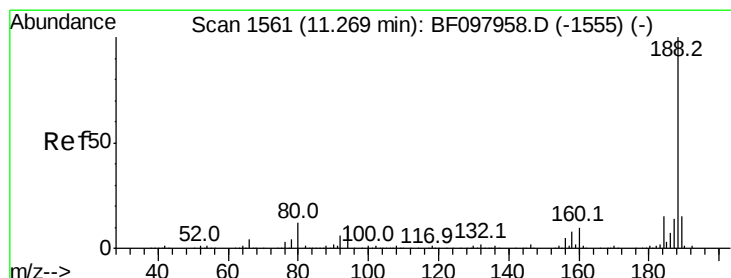
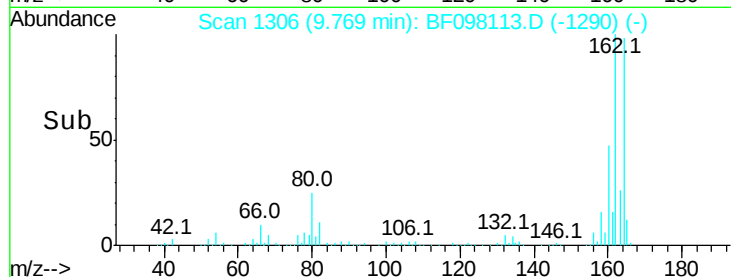
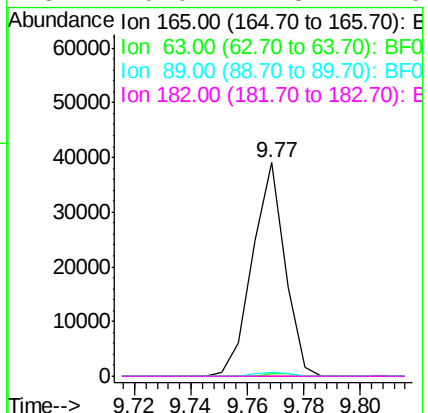
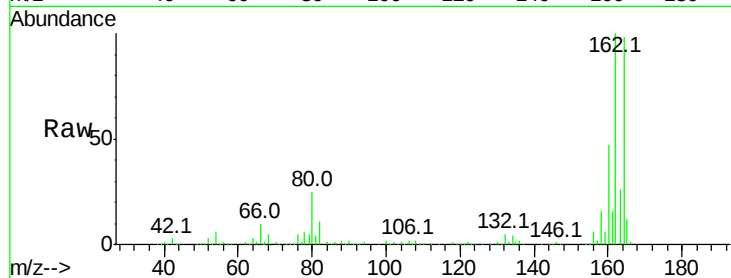




#56
 2,4-Dinitrotoluene
 Concen: 6.871 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

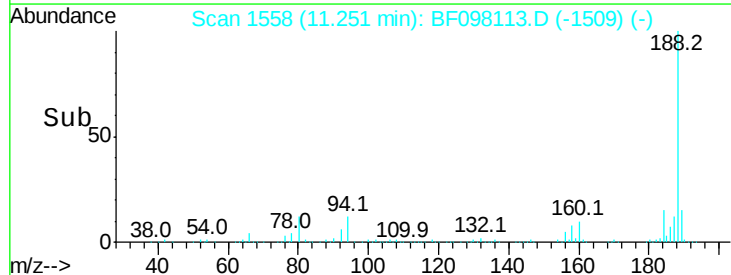
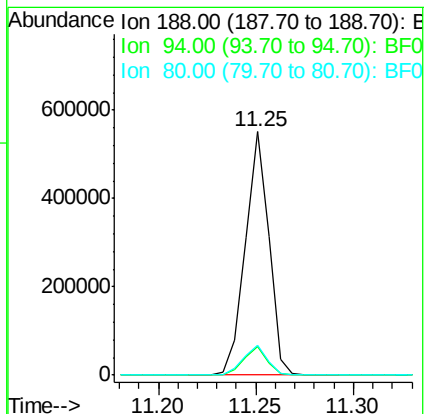
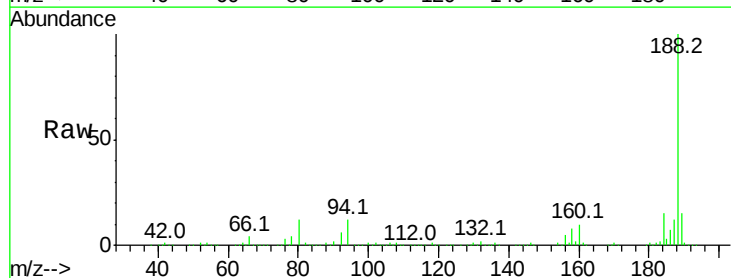
Instrument :
 BNA_F
 ClientSampleId :

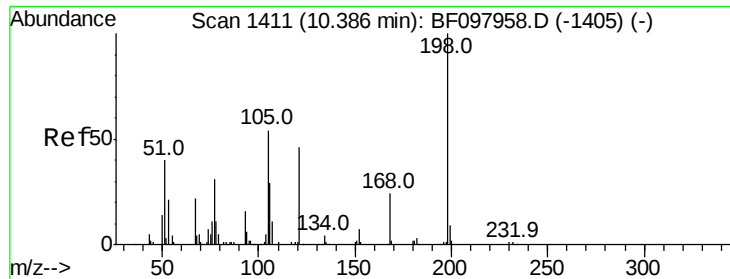
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.3	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.556 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.18 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

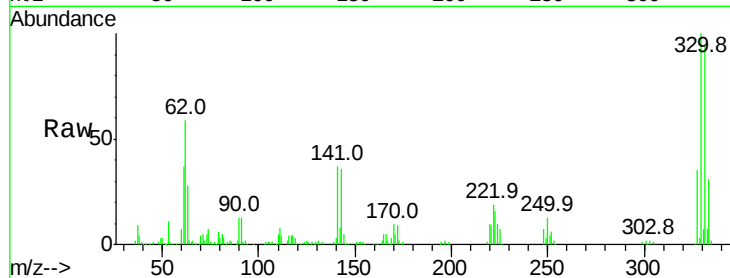
Tot Ion:198 Resp: 621

Ion Ratio Lower Upper

198 100

51 155.4 53.2 93.2#

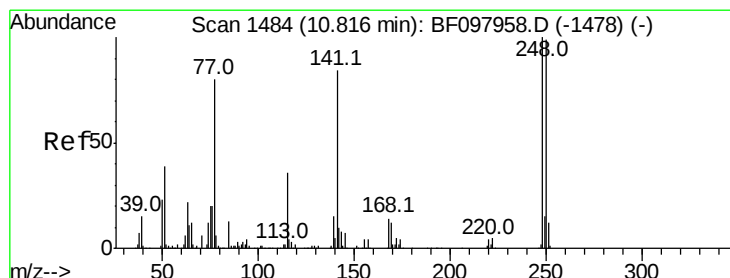
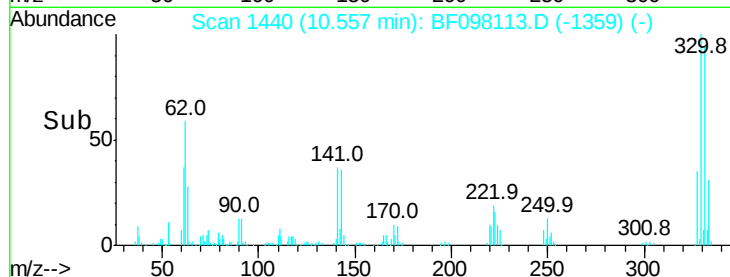
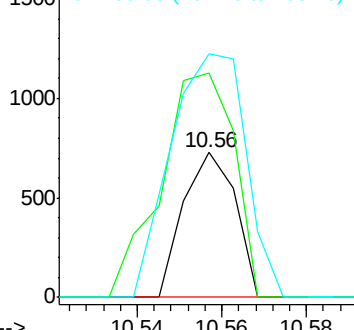
105 168.1 45.8 85.8#



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: 3.852 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

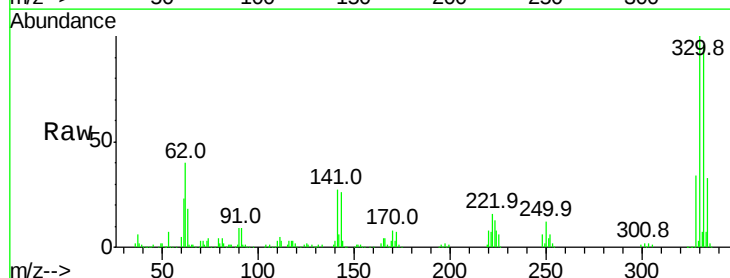
Tgt Ion:248 Resp: 18532

Ion Ratio Lower Upper

248 100

250 207.4 76.8 115.2#

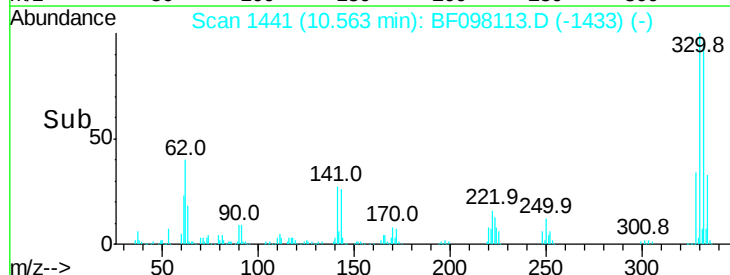
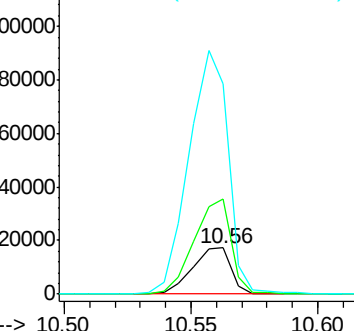
141 458.1 68.6 103.0#

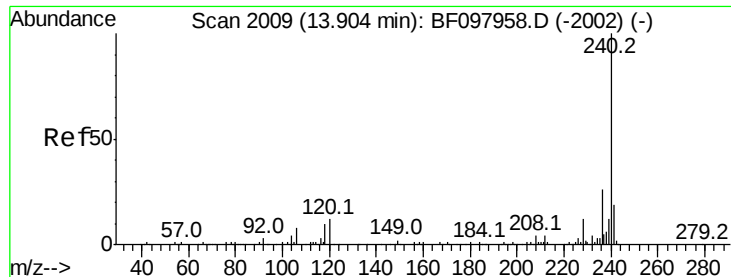


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 298846

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

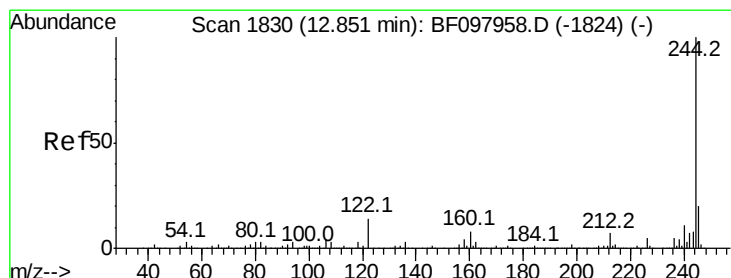
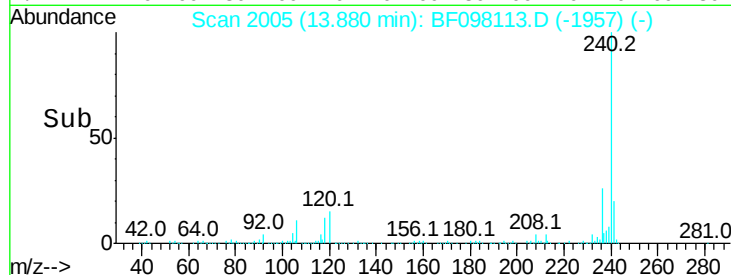
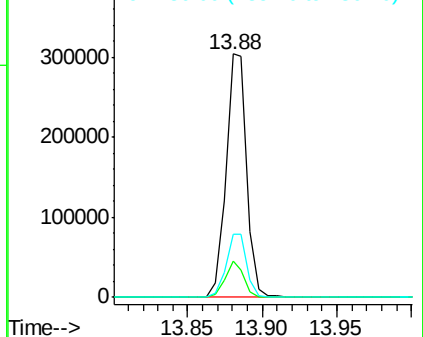
236 25.7 20.5 30.7



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: 64.212 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

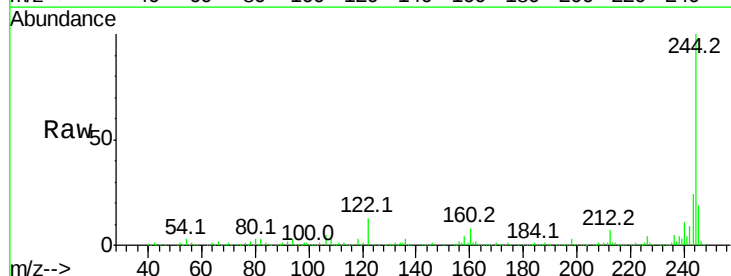
Tgt Ion:244 Resp: 920218

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

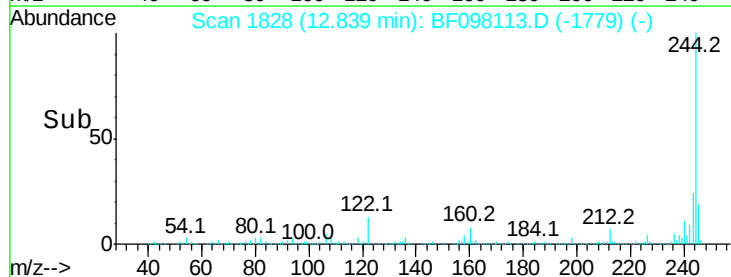
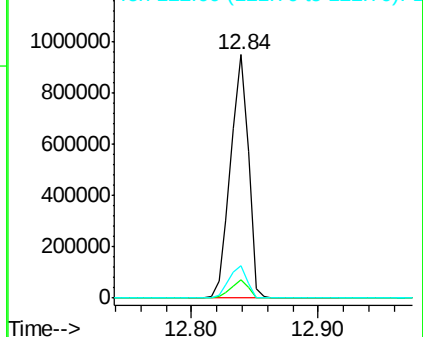
122 13.2 10.3 15.5

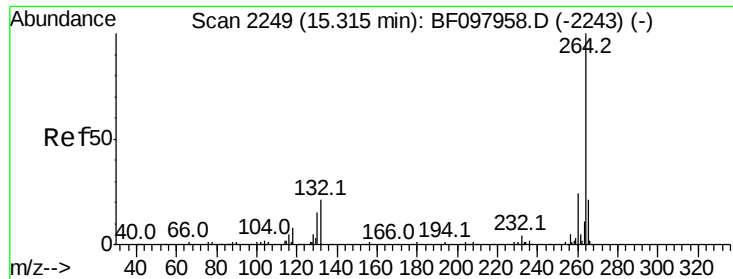


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

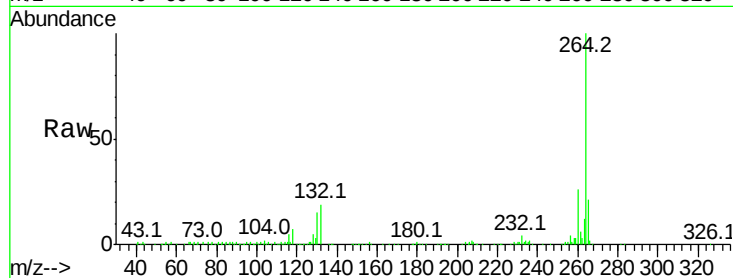




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.2	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

