

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098128.D
 Acq On : 29 Aug 2017 23:22
 Operator : SJ/JU
 Sample : I4992-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 03:03:22 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

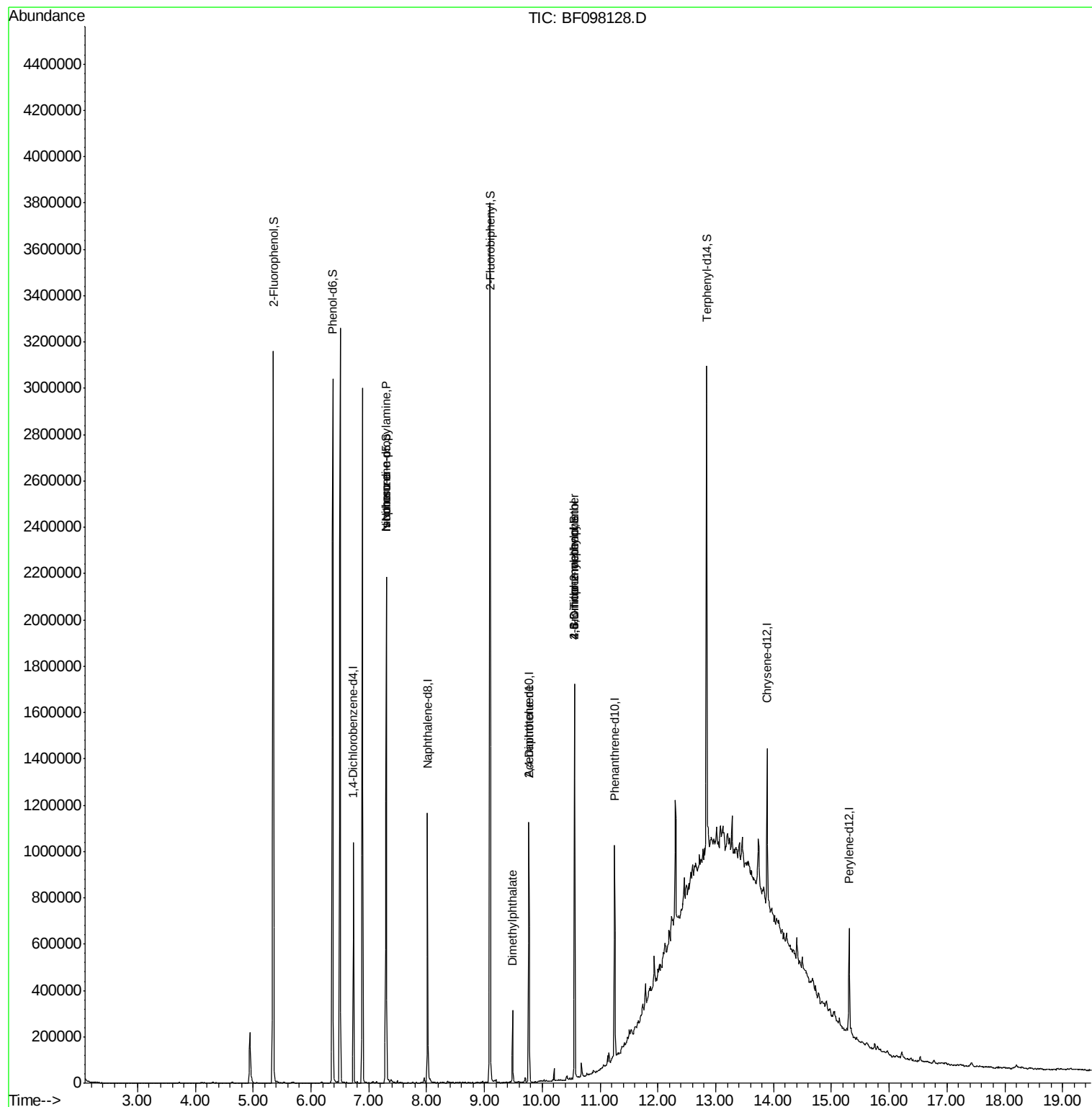
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131343	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	505309	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	195083	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	301535	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	259049	20.00	ng	0.00
86) Perylene-d12	15.31	264	208672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1053763	122.04	ng	0.00
7) Phenol-d6	6.37	99	1426345	121.57	ng	-0.01
23) Nitrobenzene-d5	7.30	82	876211	94.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	199207	117.69	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1223071	92.11	ng	-0.01
78) Terphenyl-d14	12.84	244	747527	60.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	117469	14.626	ng	# 70
25) Isophorone	7.30	82	864844	44.714	ng	# 67
49) Dimethylphthalate	9.49	163	105135	7.373	ng	100
56) 2,4-Dinitrotoluene	9.77	165	24767	6.933	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	502	8.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	12678	4.049	ng	# 1

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

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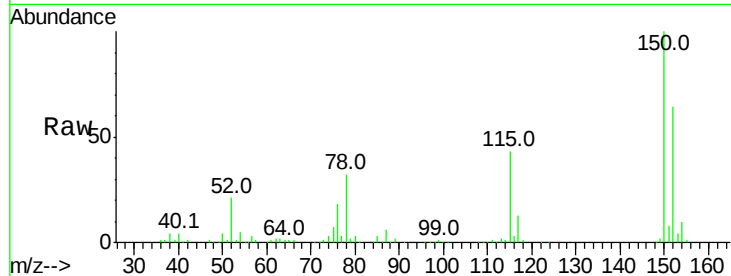


#1

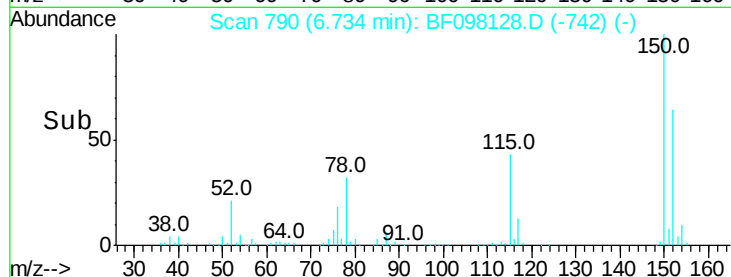
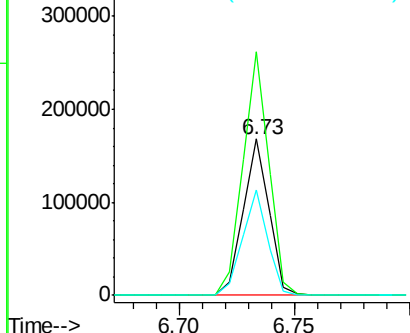
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131343
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 67.2 52.2 78.2



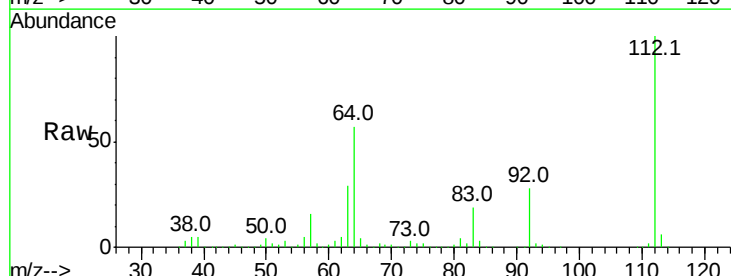
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



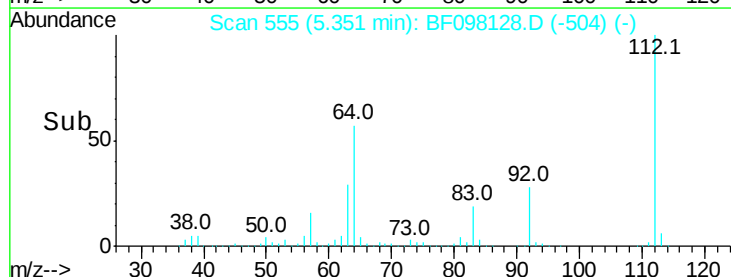
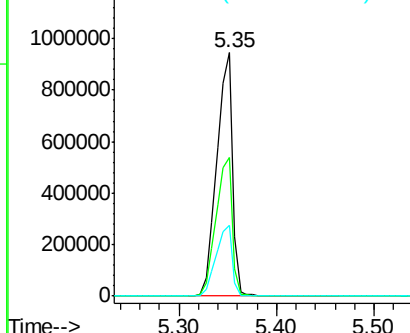
#5

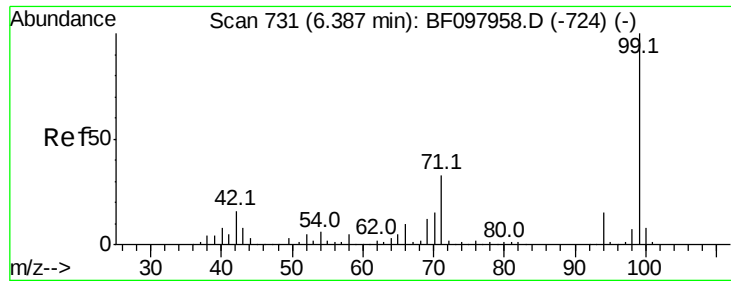
2-Fluorophenol
 Concen: 122.036 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion:112 Resp: 1053763
 Ion Ratio Lower Upper
 112 100
 64 57.1 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: 121.574 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

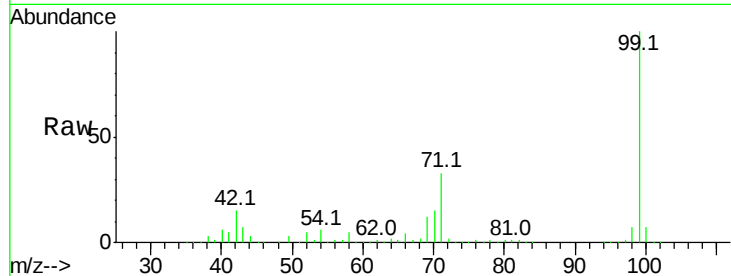
Tot Ion: 99 Resp: 1426345

Ion Ratio Lower Upper

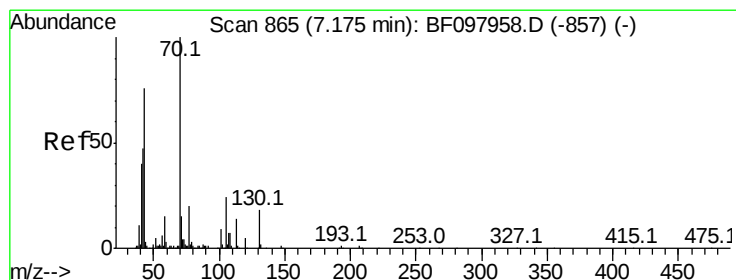
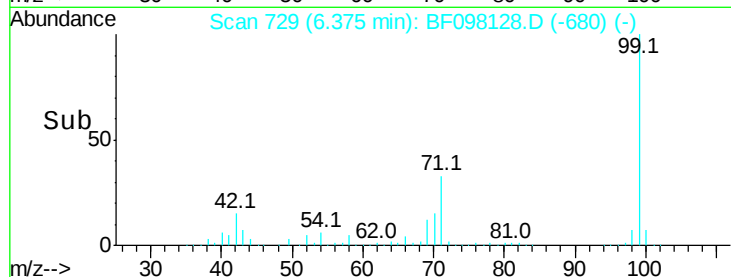
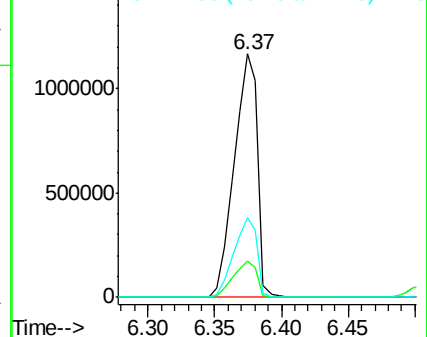
99 100

42 15.0 13.5 20.3

71 32.6 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: 14.626 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Tgt Ion: 70 Resp: 117469

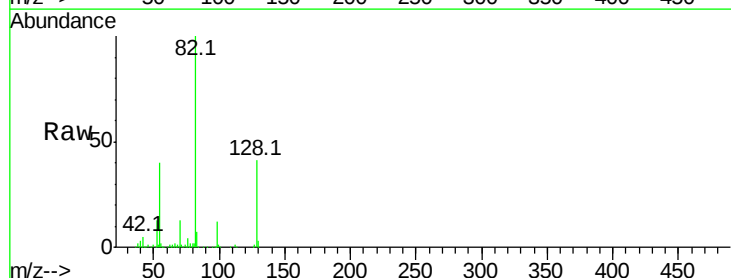
Ion Ratio Lower Upper

70 100

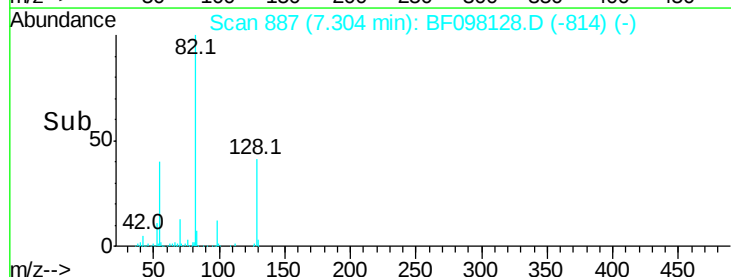
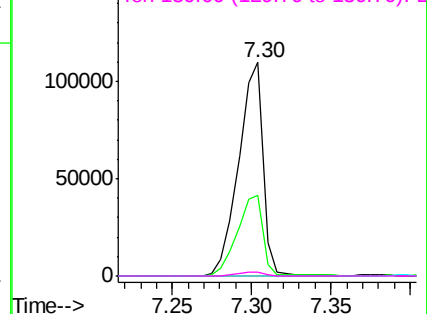
42 37.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 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

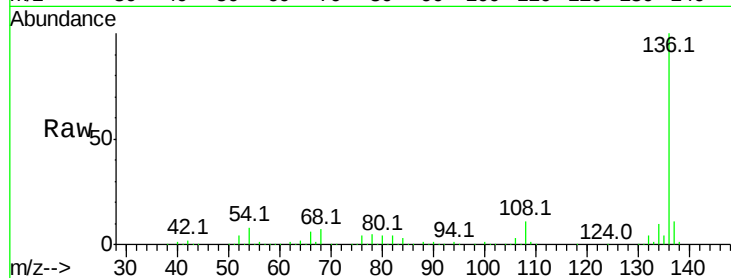




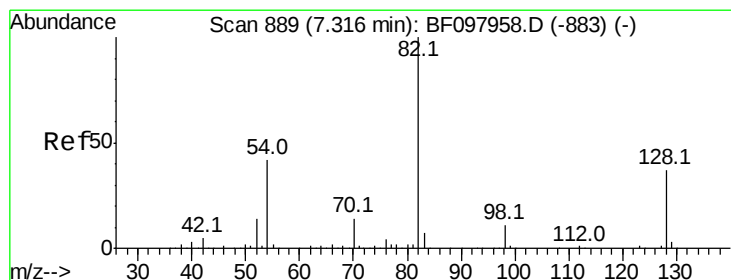
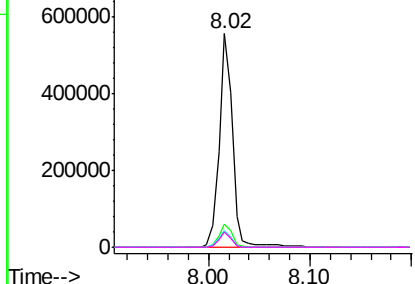
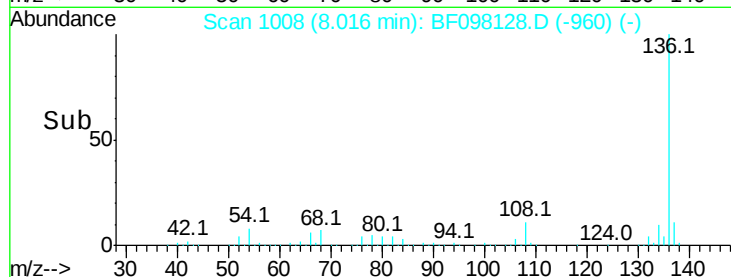
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	505309
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.8	4.9	7.3#
68	7.2	4.1	6.1#

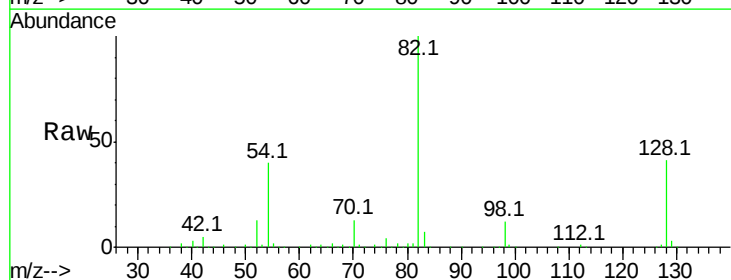


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

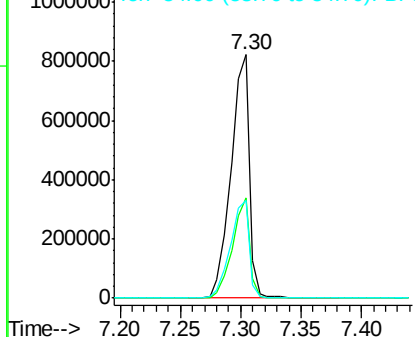
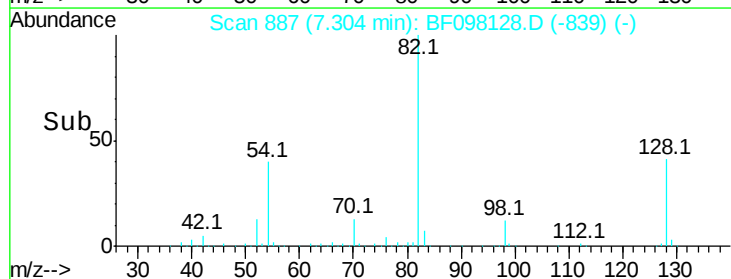


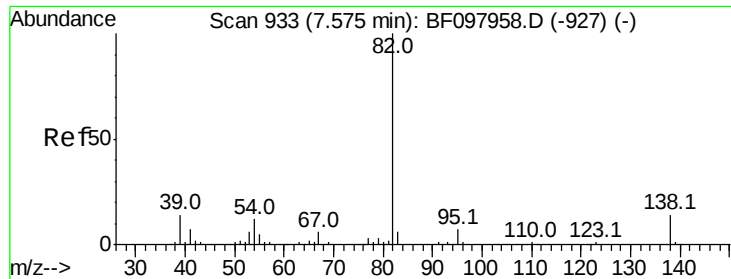
#23
Nitrobenzene-d5
Concen: 94.199 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Tgt Ion:	82	Resp:	876211
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.0	51.0
54	39.9	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: 44.714 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

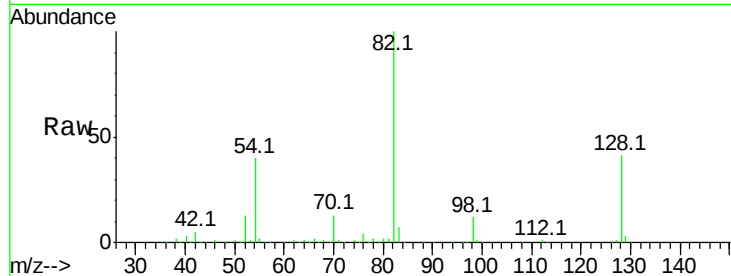
Tot Ion: 82 Resp: 864844

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

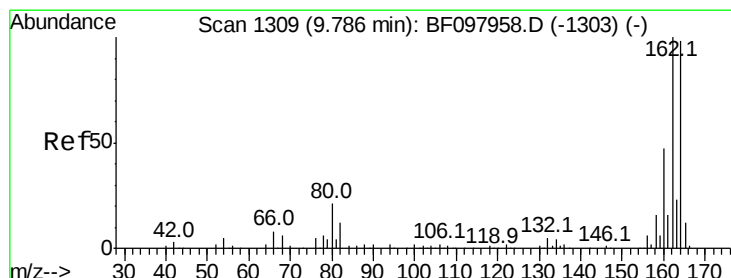
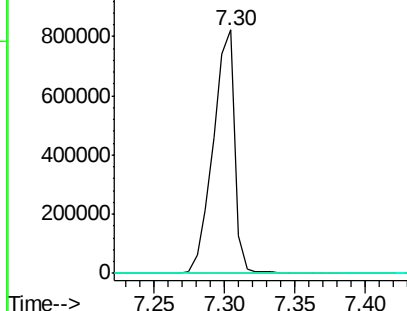
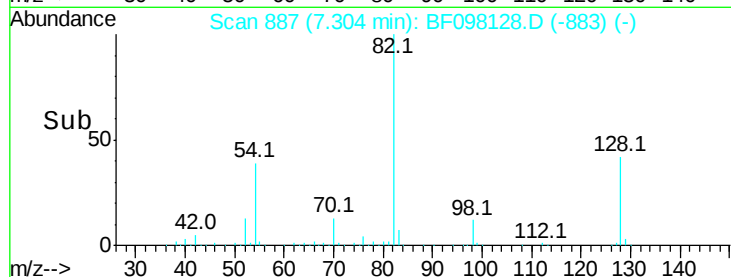
138 0.0 13.1 19.7#



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: BF098128.D

Acq: 29 Aug 2017 23:22

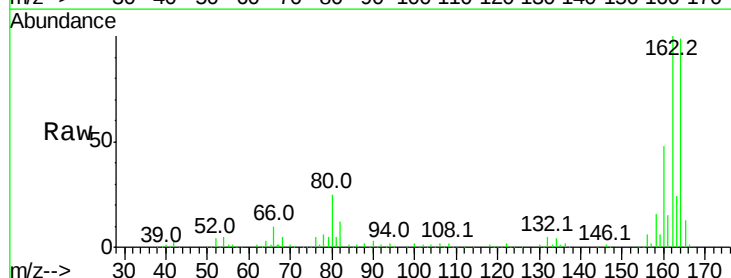
Tgt Ion:164 Resp: 195083

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

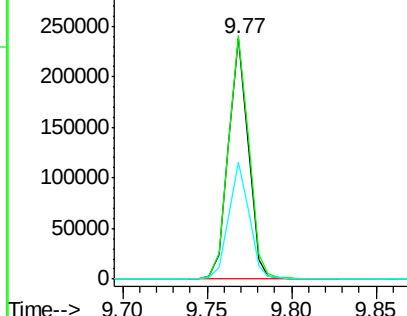
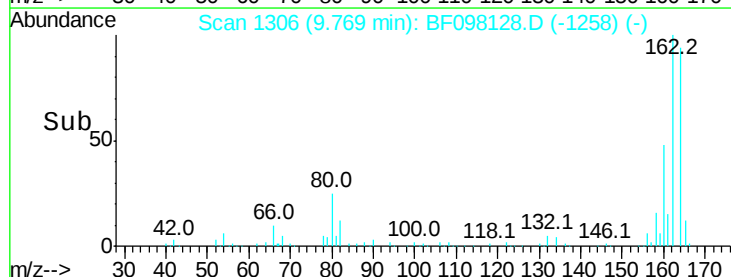
160 48.5 36.2 54.2

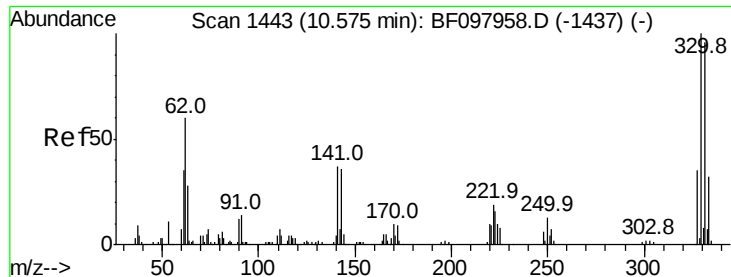


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

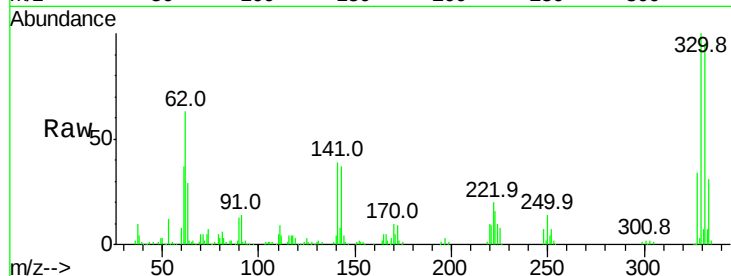




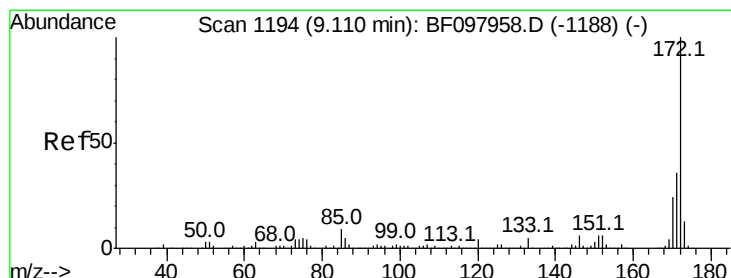
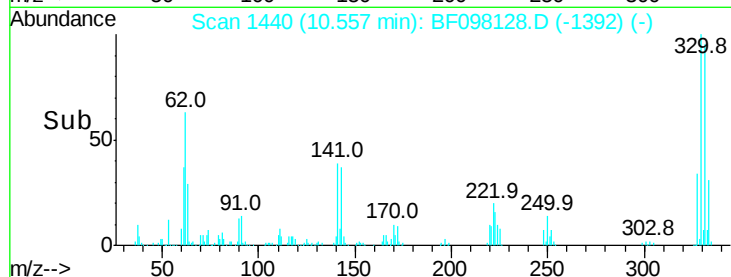
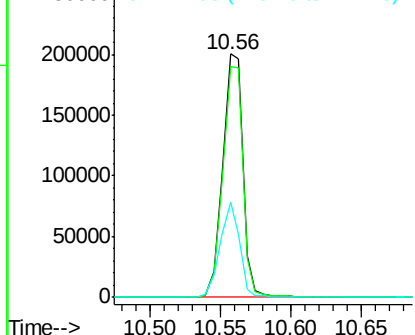
#41
 2,4,6-Tribromophenol
 Concen: 117.689 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.0	31.4	47.2

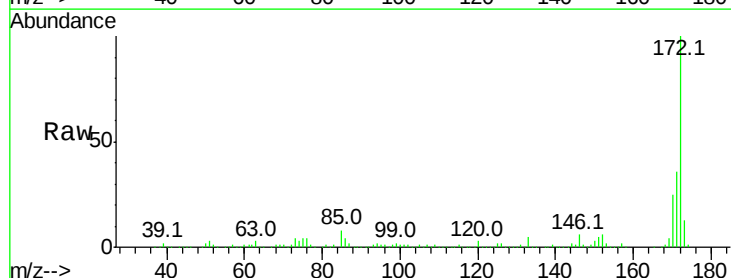


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

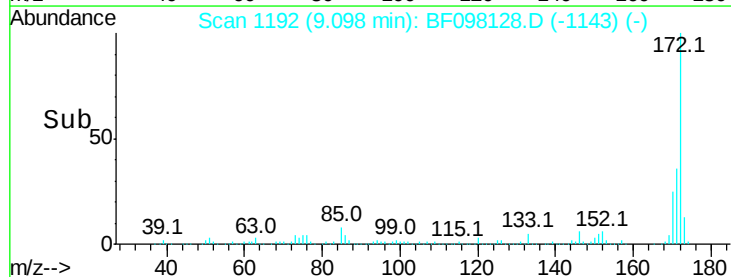
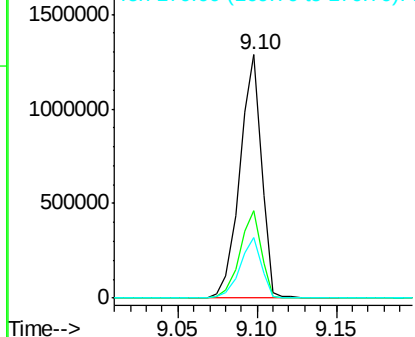


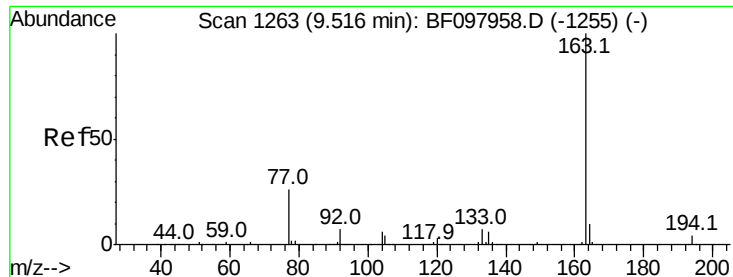
#44
 2-Fluorobiphenyl
 Concen: 92.112 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

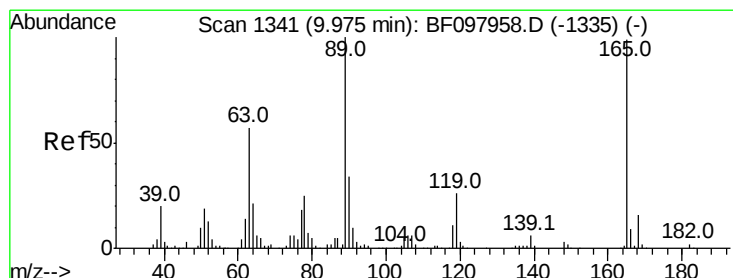
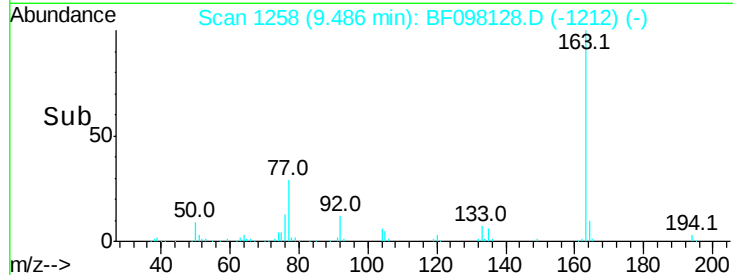
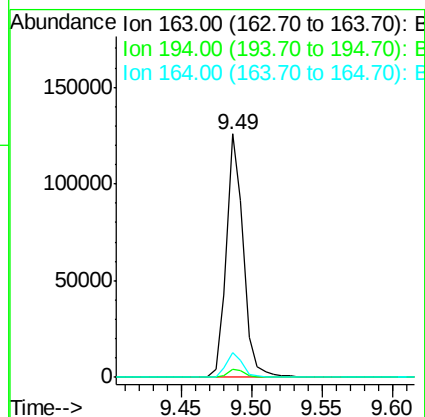
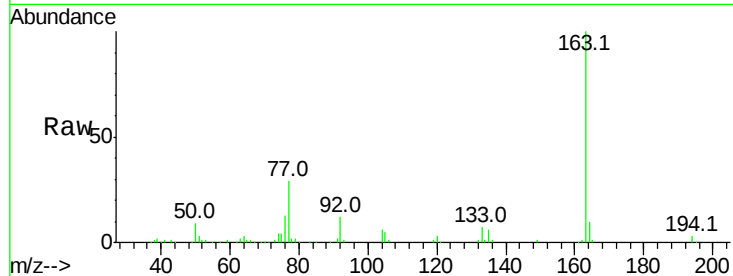




#49
Dimethylphthalate
Concen: 7.373 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

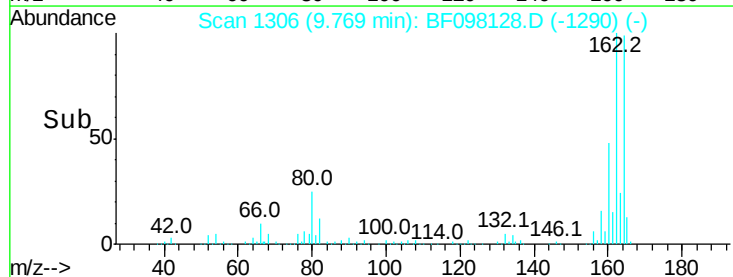
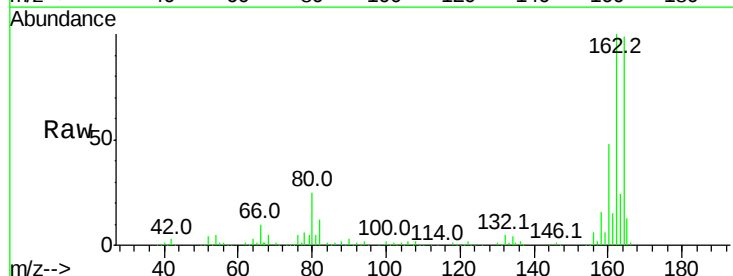
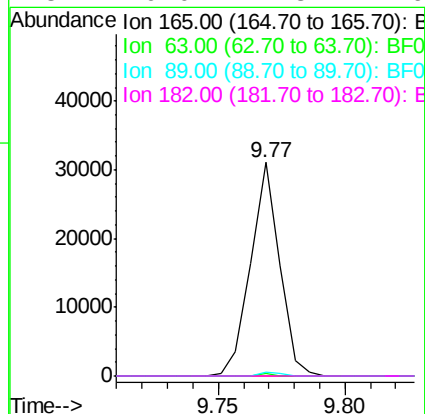
Instrument :
BNA_F
ClientSampleId :

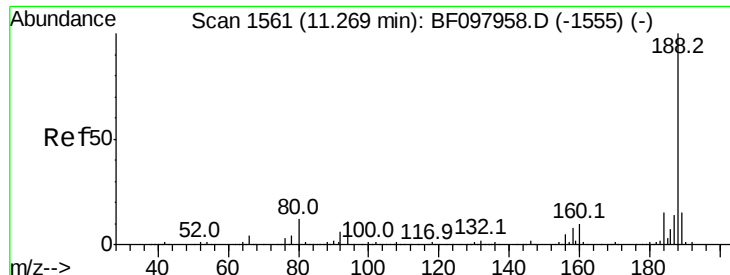
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098128.D
Acq: 29 Aug 2017 23:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

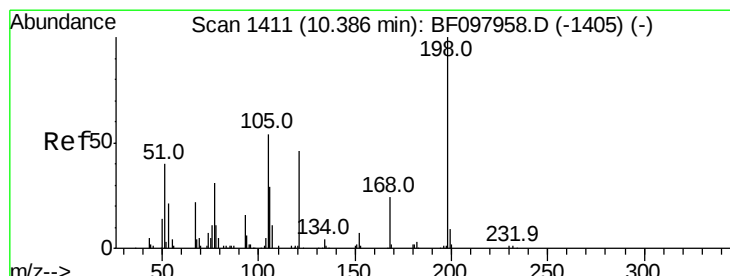
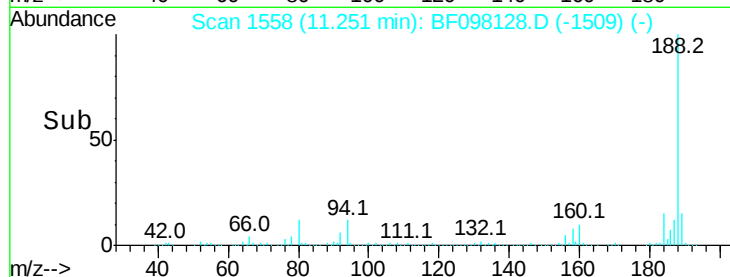
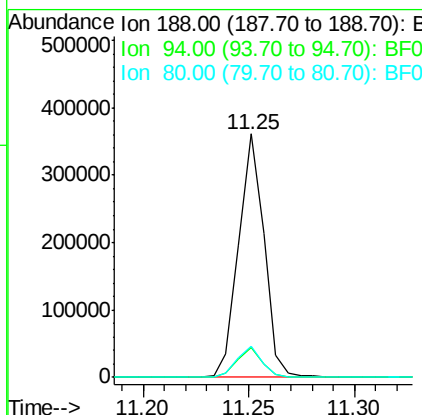
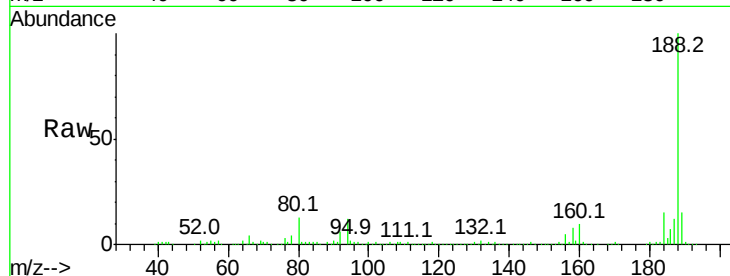




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

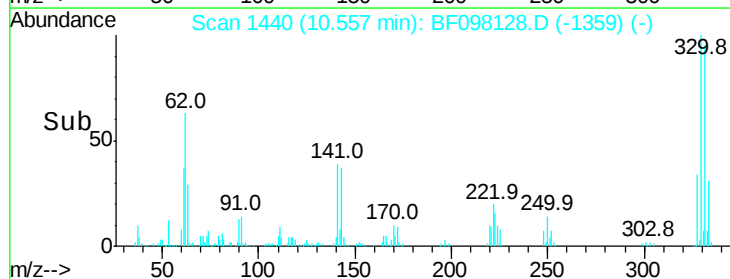
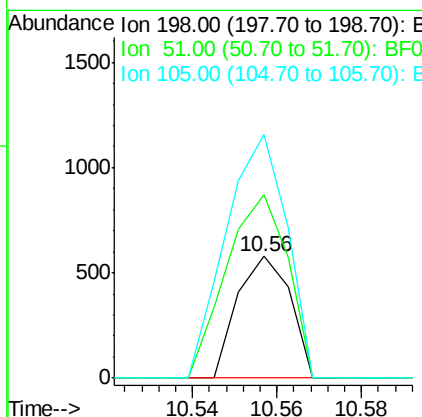
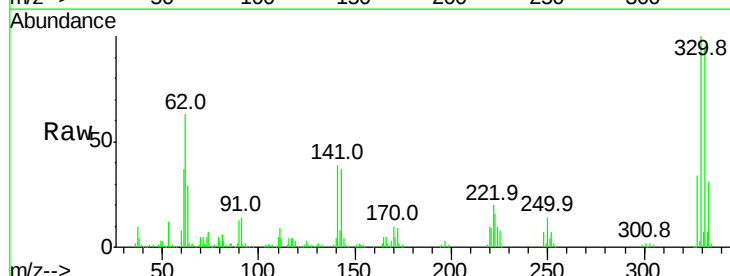
Instrument :
 BNA_F
 ClientSampled :

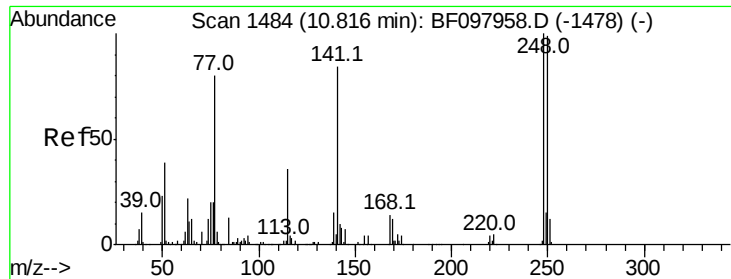
Tot Ion:188 Resp: 301535
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 12.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.613 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion:198 Resp: 502
 Ion Ratio Lower Upper
 198 100
 51 150.6 53.2 93.2#
 105 199.8 45.8 85.8#

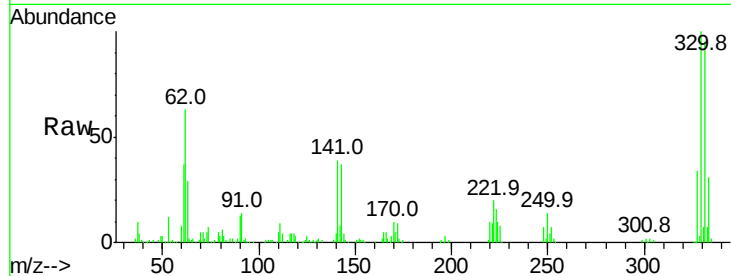




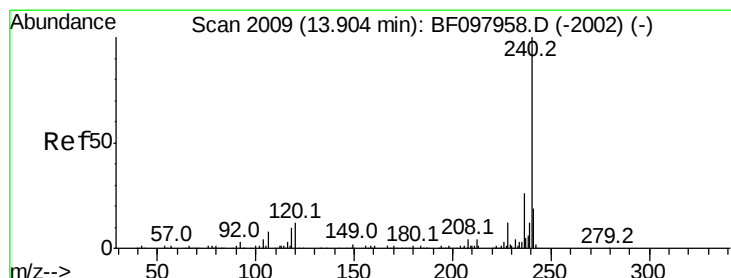
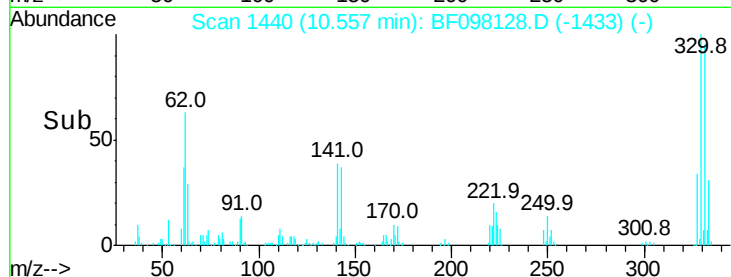
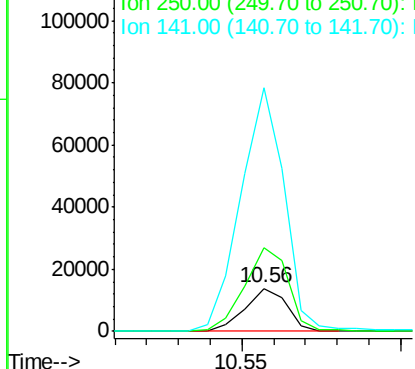
#66
 4-Bromophenyl-phenylether
 Concen: 4.049 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12678
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.8 115.2#
 141 565.8 68.6 103.0#

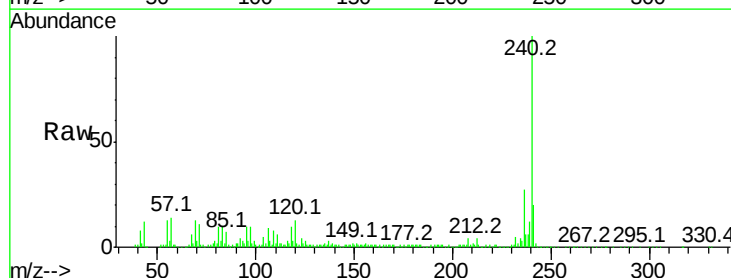


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

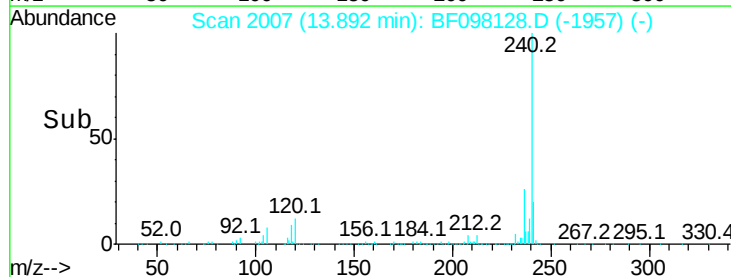
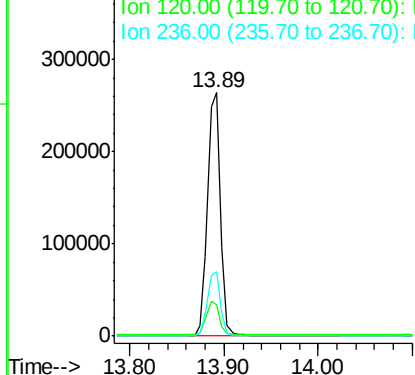


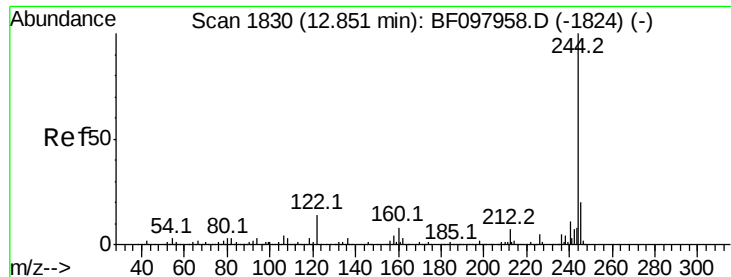
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098128.D
 Acq: 29 Aug 2017 23:22

Tgt Ion:240 Resp: 259049
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 26.6 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: 60.176 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

Instrument :

BNA_F

ClientSampleId :

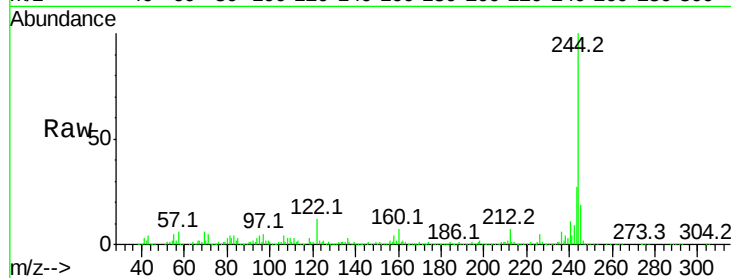
Tot Ion:244 Resp: 747527

Ion Ratio Lower Upper

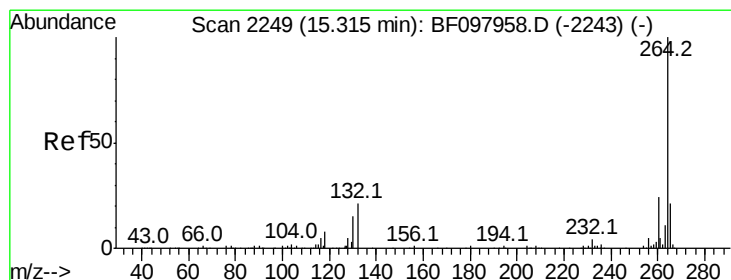
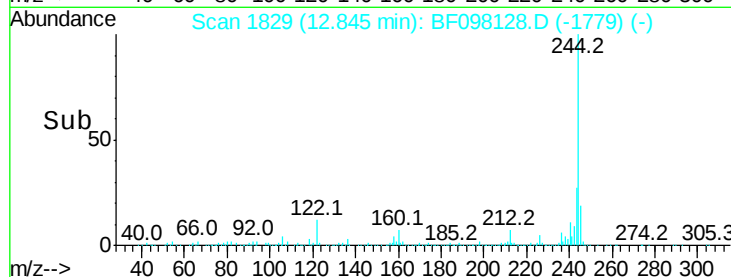
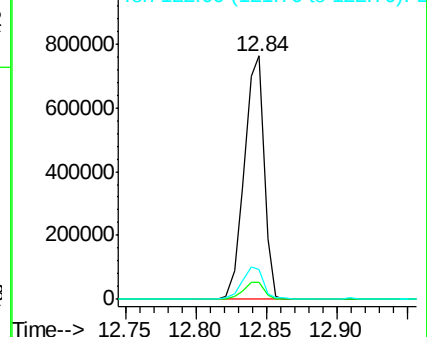
244 100

212 7.2 6.0 9.0

122 12.2 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

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF098128.D

Acq: 29 Aug 2017 23:22

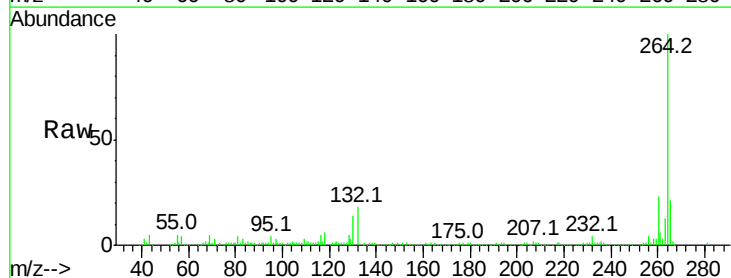
Tgt Ion:264 Resp: 208672

Ion Ratio Lower Upper

264 100

260 23.4 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

