

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098023.D
 Acq On : 25 Aug 2017 1:11
 Operator : SJ/JU
 Sample : I4922-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Quant Time: Aug 25 03:07:36 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

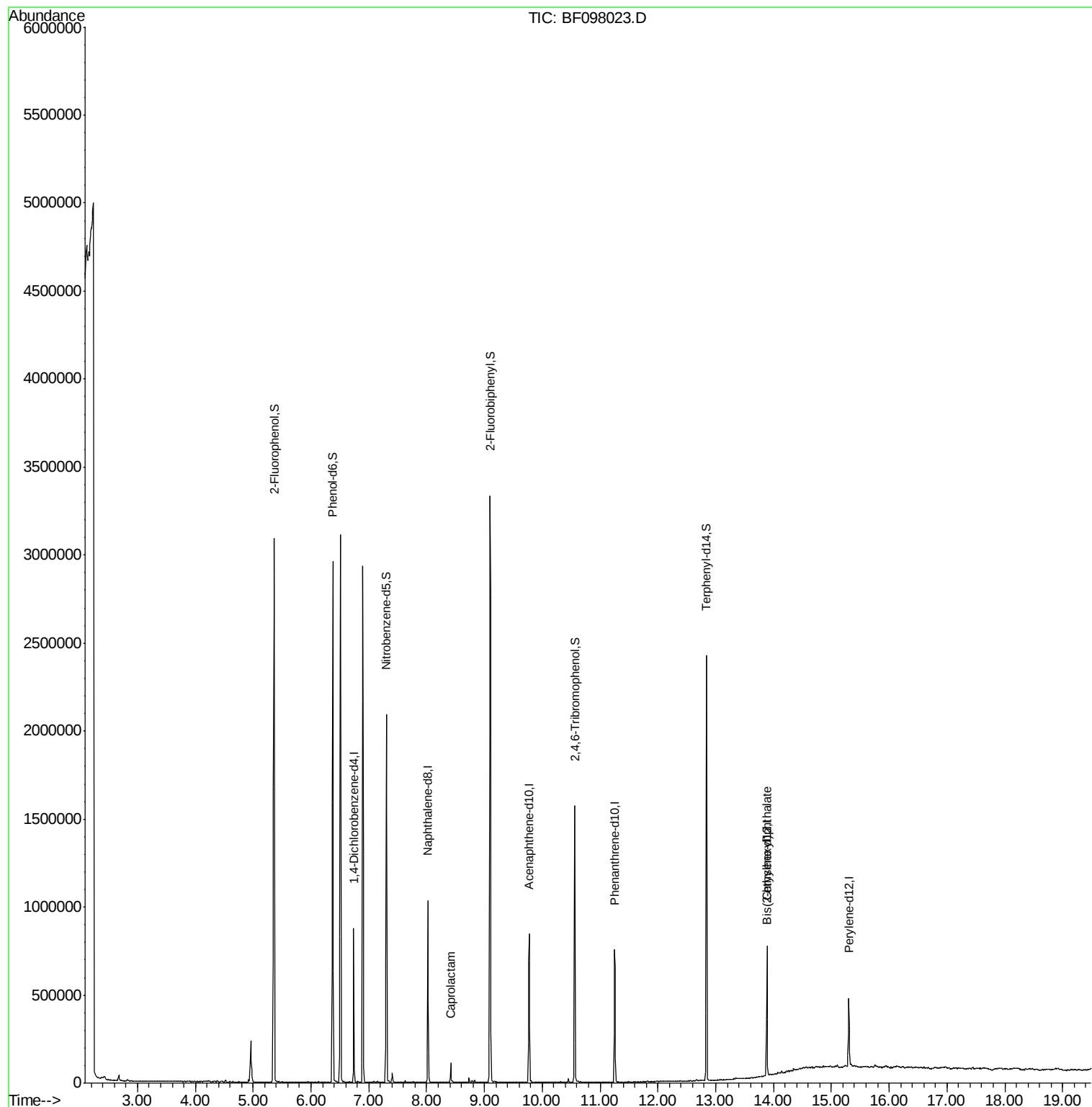
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107793	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	409246	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	157297	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	257961	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	235030	20.00	ng	-0.01
86) Perylene-d12	15.30	264	170308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	938795	132.47	ng	0.01
7) Phenol-d6	6.38	99	1137165	118.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	807657	107.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	190802	139.80	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1114874	104.13	ng	-0.01
78) Terphenyl-d14	12.84	244	801664	71.13	ng	0.00
Target Compounds						
35) Caprolactam	8.42	113	10688	5.797	ng	91
83) Bis(2-ethylhexyl)phthalate	13.87	149	23044	2.822	ng	# 99

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

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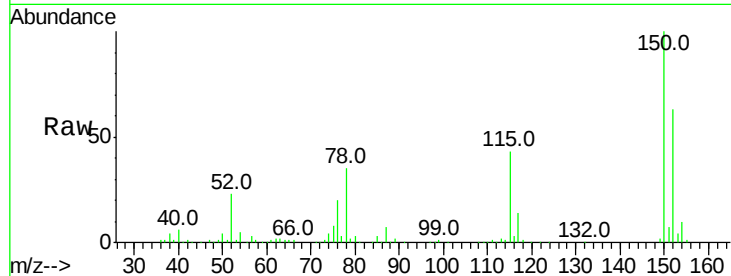


#1

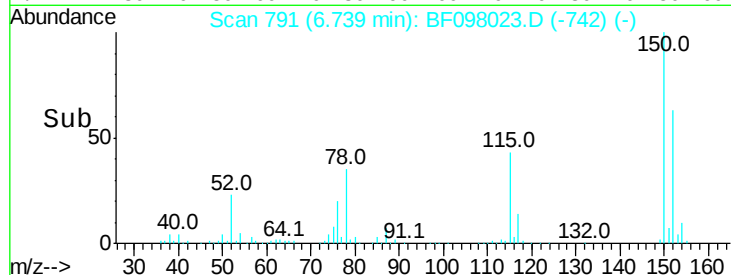
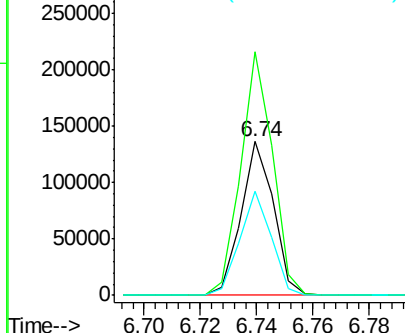
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098023.D
Acq: 25 Aug 2017 1:11

Instrument :
BNA_F
ClientSampleId :
SA-01-082217

Tot Ion:152 Resp: 107793
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 67.5 52.2 78.2



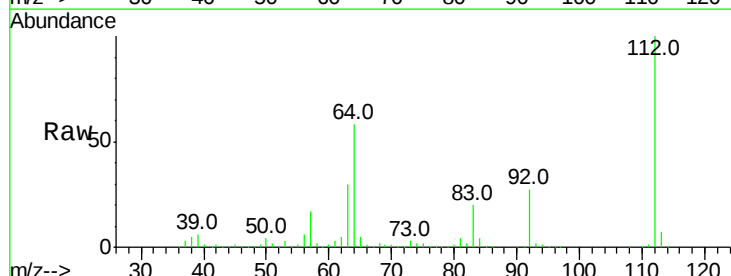
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



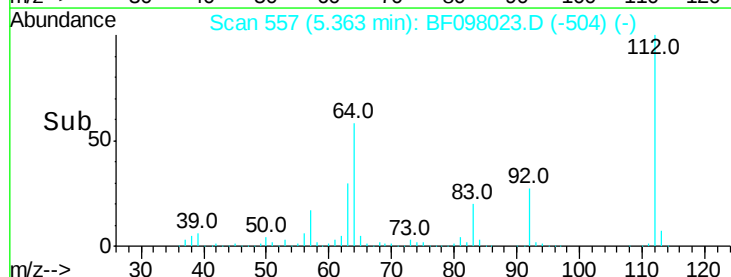
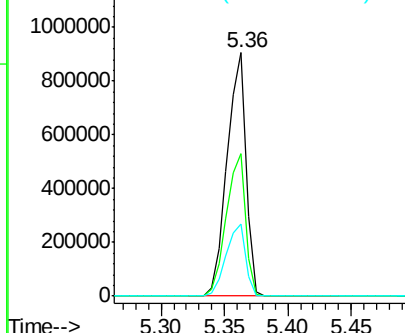
#5

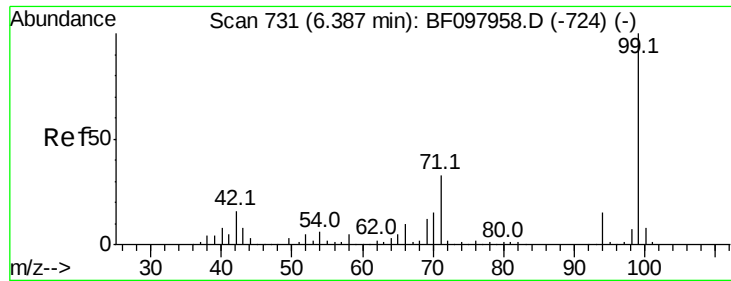
2-Fluorophenol
Concen: 132.474 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF098023.D
Acq: 25 Aug 2017 1:11

Tgt Ion:112 Resp: 938795
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.6 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: 118.102 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098023.D

Acq: 25 Aug 2017 1:11

Instrument :

BNA_F

ClientSampleId :

SA-01-082217

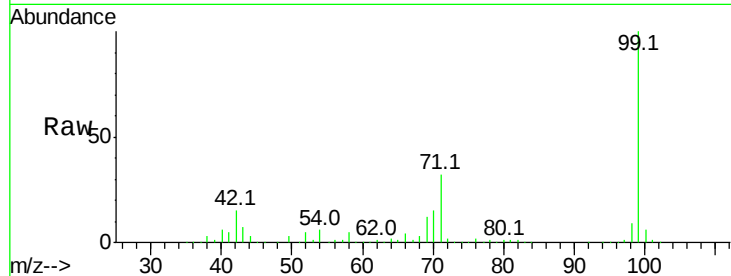
Tot Ion: 99 Resp: 1137165

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

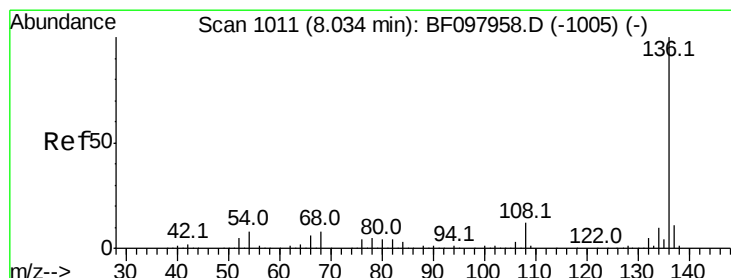
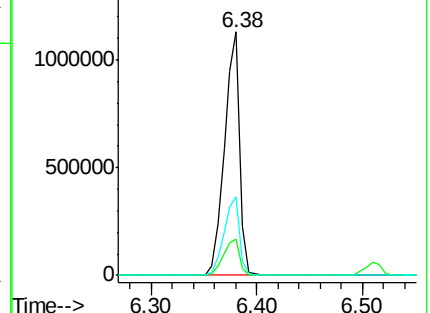
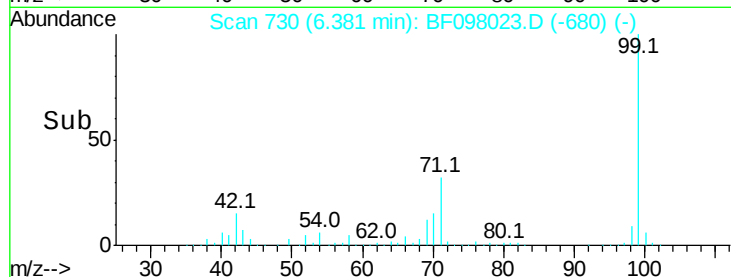
71 32.4 24.5 36.7



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: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098023.D

Acq: 25 Aug 2017 1:11

Tgt Ion: 136 Resp: 409246

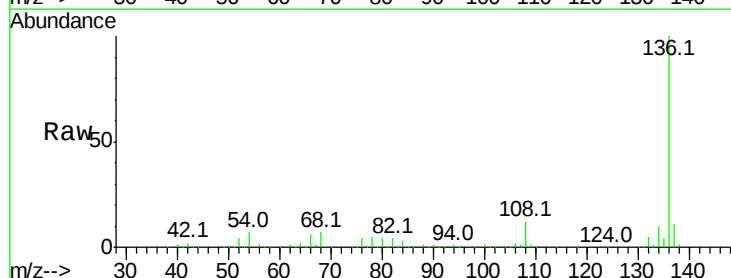
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 7.2 4.1 6.1#

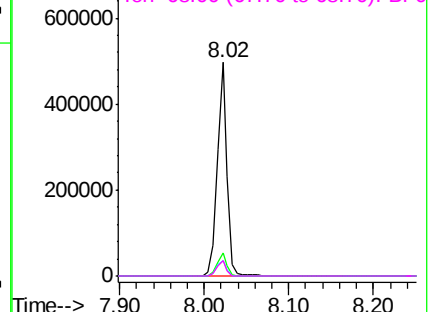
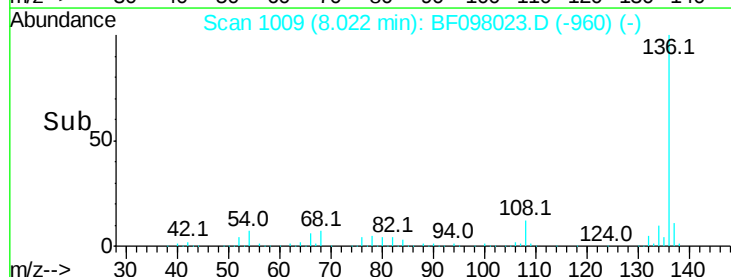


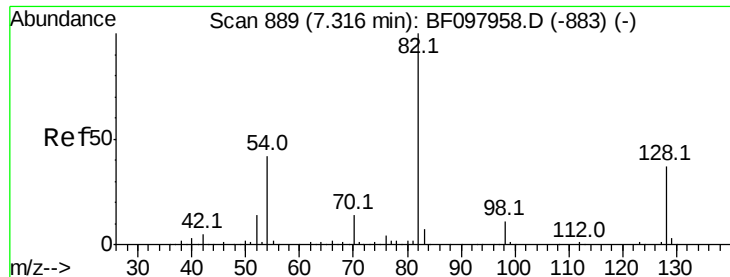
Abundance Ion 136.00 (135.70 to 136.70): E

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

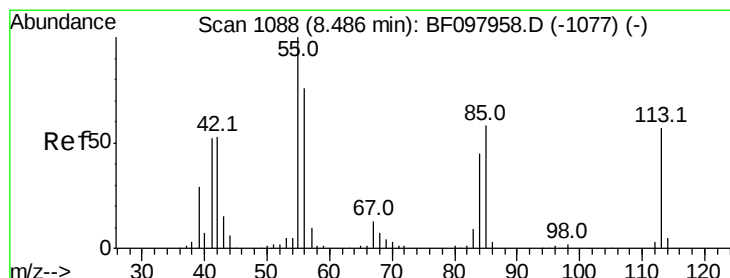
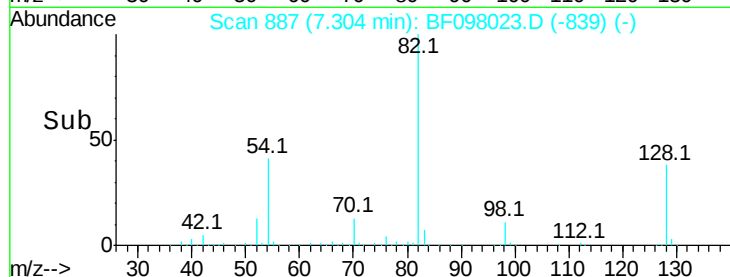
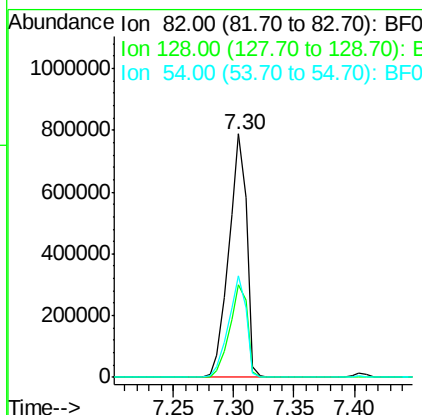
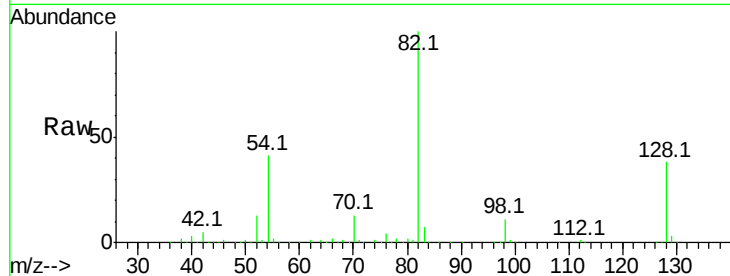




#23
 Nitrobenzene-d5
 Concen: 107.211 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

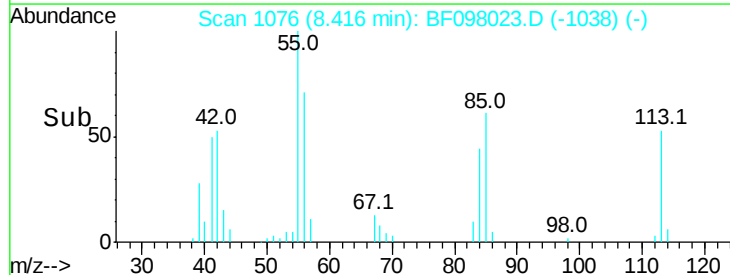
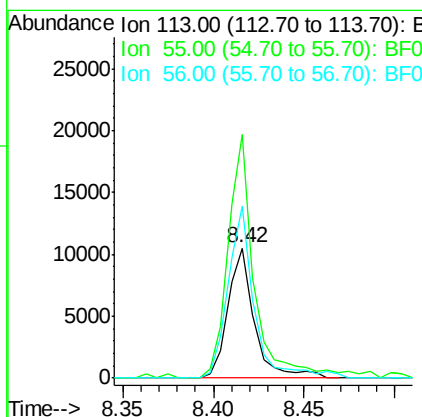
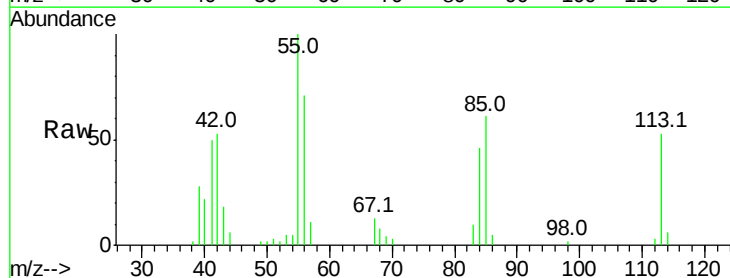
Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

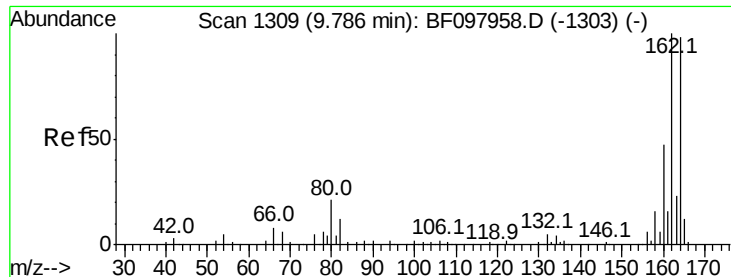
Tot Ion: 82 Resp: 807657
 Ion Ratio Lower Upper
 82 100
 128 38.0 34.0 51.0
 54 41.5 42.2 63.2#



#35
 Caprolactam
 Concen: 5.797 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.08 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

Tgt Ion: 113 Resp: 10688
 Ion Ratio Lower Upper
 113 100
 55 187.4 150.2 190.2
 56 132.2 107.8 147.8

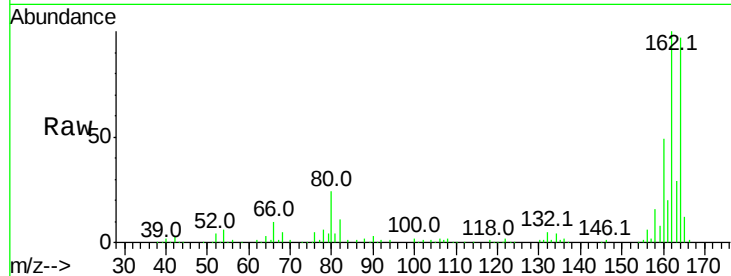




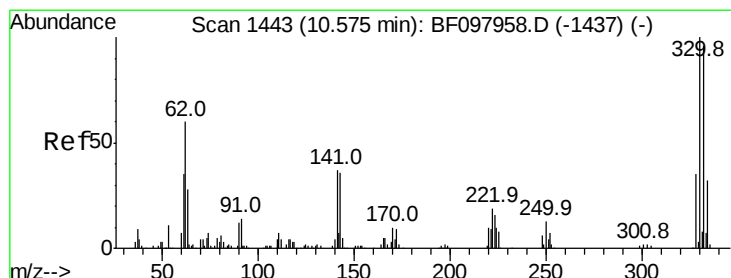
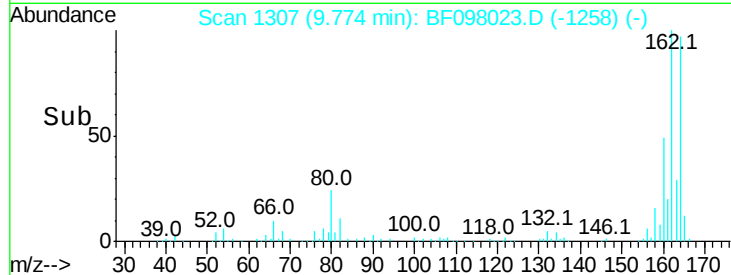
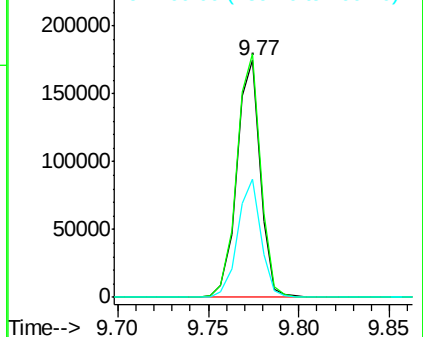
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Tot Ion:164 Resp: 157297
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 50.0 36.2 54.2

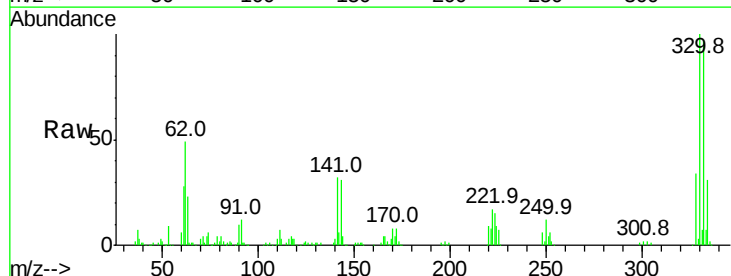


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

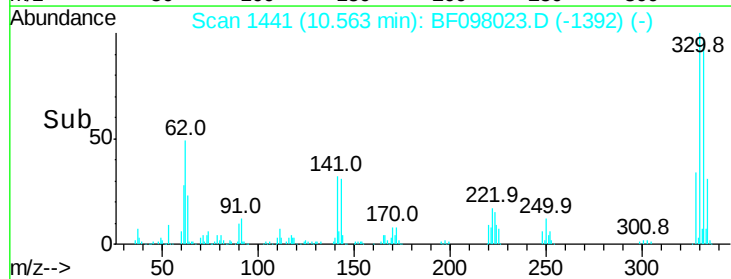
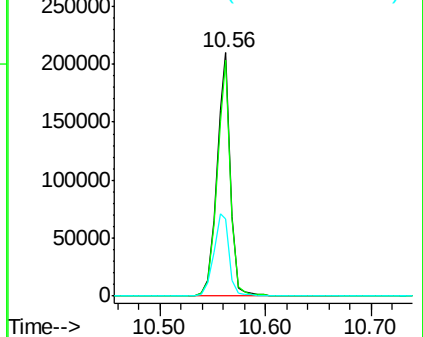


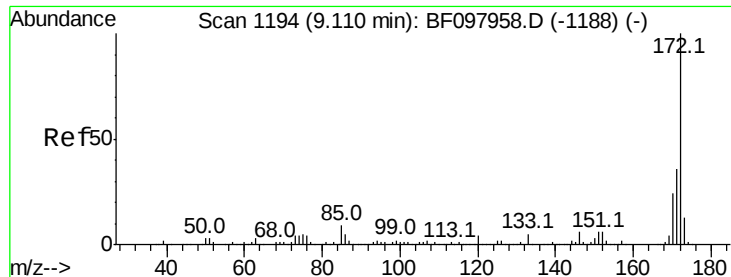
#41
 2,4,6-Tribromophenol
 Concen: 139.801 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

Tgt Ion:330 Resp: 190802
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.8 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



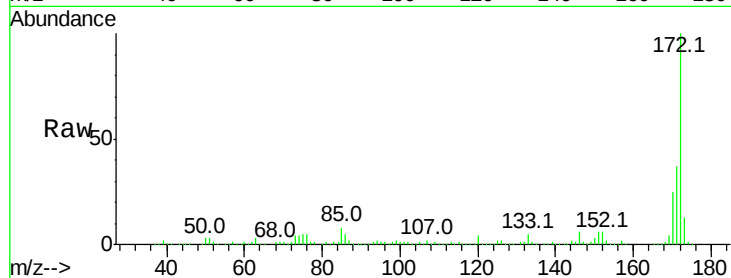


#44
 2-Fluorobiphenyl
 Concen: 104.133 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

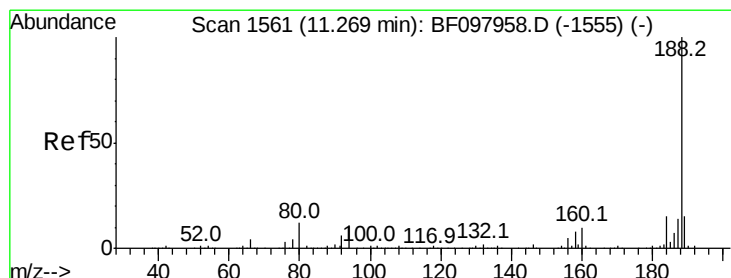
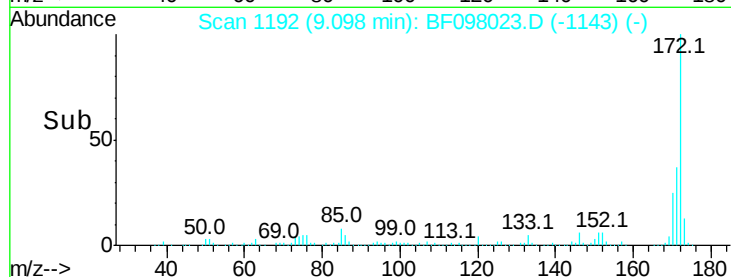
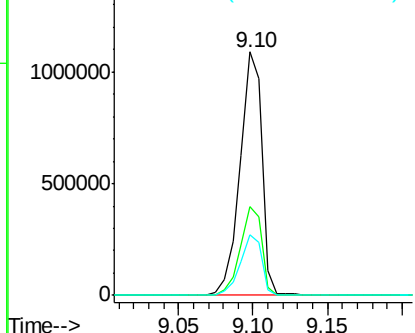
Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Tot Ion:172 Resp: 1114874

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.7	19.8	29.8



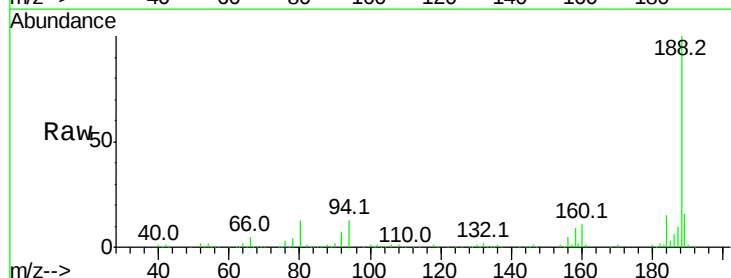
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



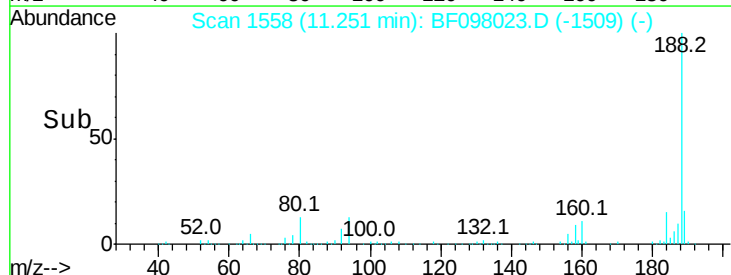
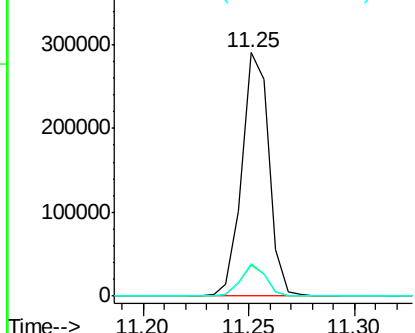
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

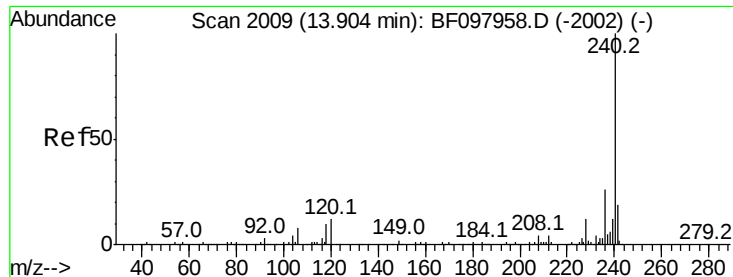
Tgt Ion:188 Resp: 257961

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	13.3	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098023.D

Acq: 25 Aug 2017 1:11

Instrument :

BNA_F

ClientSampleId :

SA-01-082217

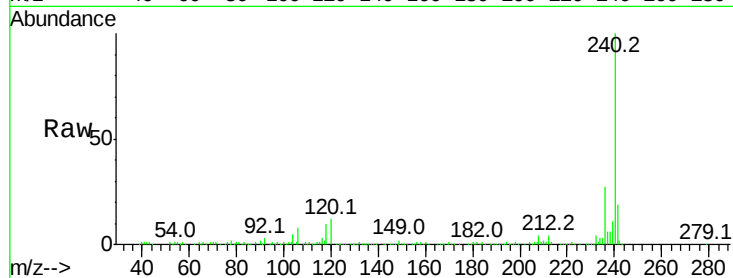
Tot Ion:240 Resp: 235030

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

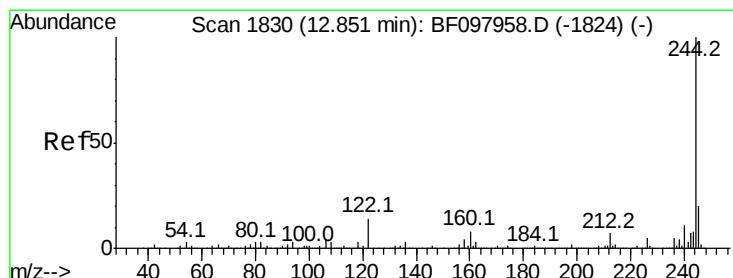
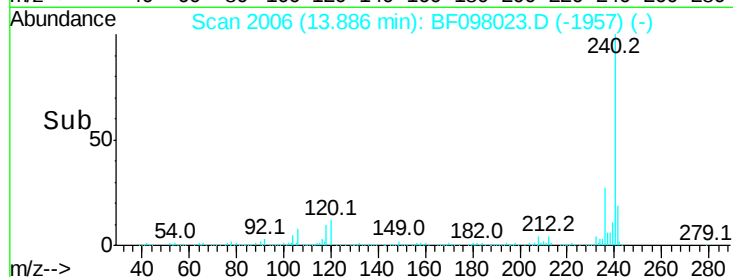
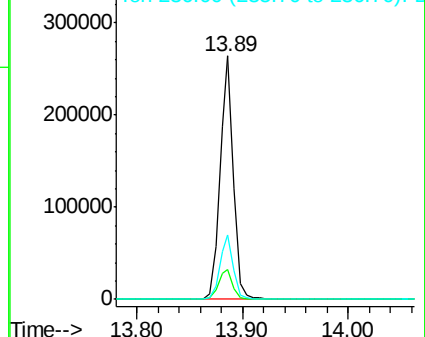
236 26.6 20.5 30.7



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: 71.129 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098023.D

Acq: 25 Aug 2017 1:11

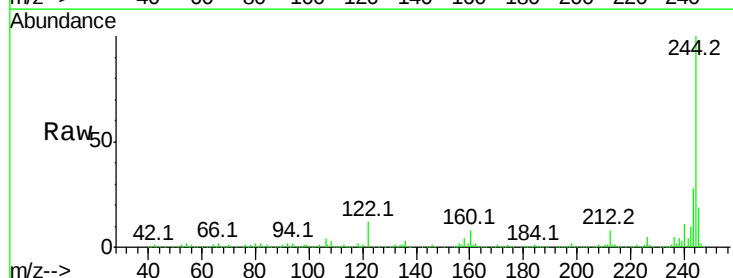
Tgt Ion:244 Resp: 801664

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

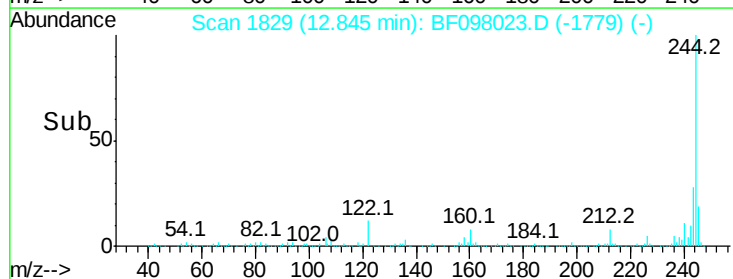
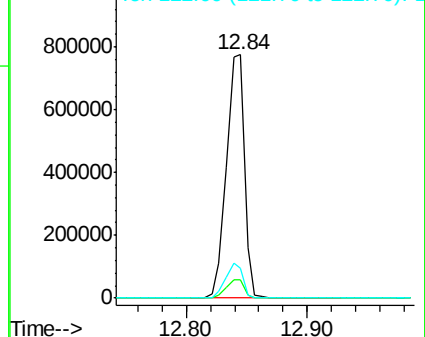
122 12.1 10.3 15.5

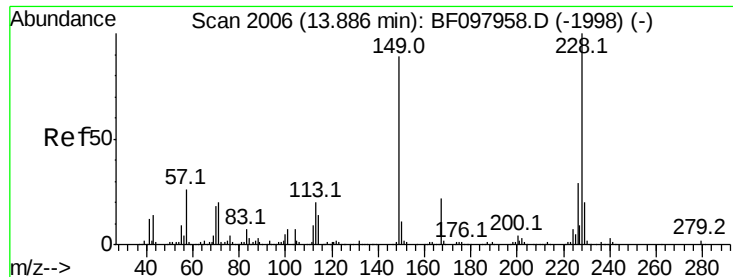


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

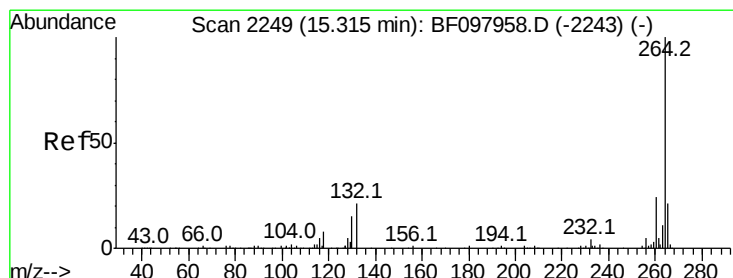
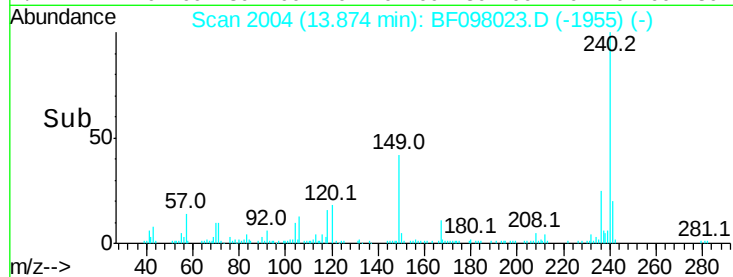
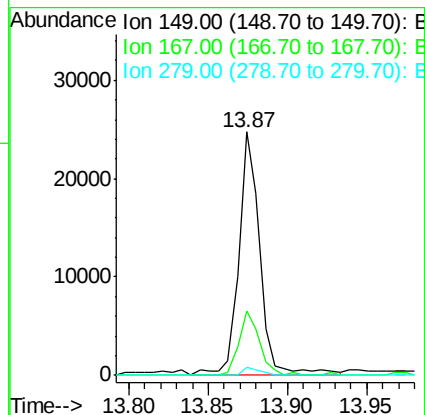
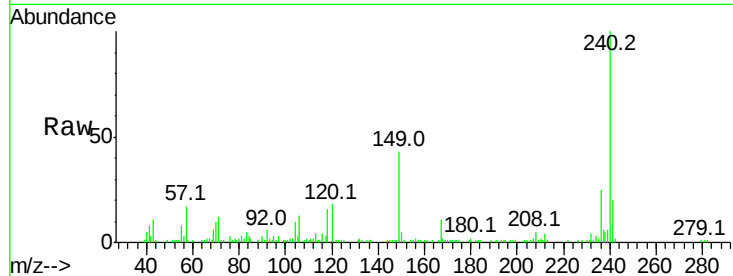




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.822 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Tot Ion:149 Resp: 23044
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.4 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098023.D
 Acq: 25 Aug 2017 1:11

Tgt Ion:264 Resp: 170308
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.0 17.2 25.8

