

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098143.D
 Acq On : 30 Aug 2017 7:34
 Operator : SJ/JU
 Sample : I4988-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF5-COMP

Quant Time: Aug 30 08:17:24 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

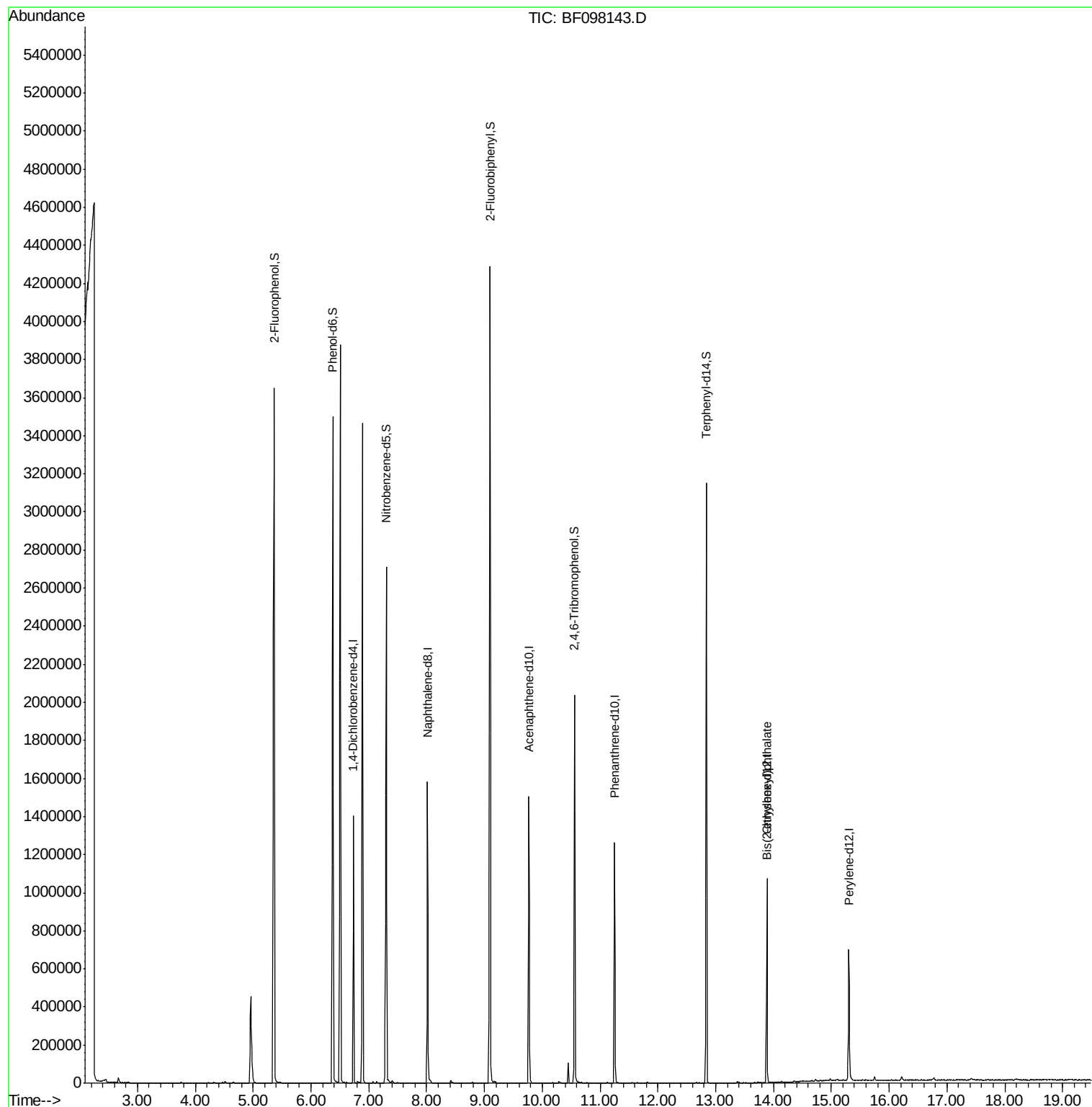
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179532	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	709688	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	281515	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	423134	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	363276	20.00	ng	-0.01
86) Perylene-d12	15.30	264	300504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1270792	107.67	ng	0.01
7) Phenol-d6	6.38	99	1595741	99.50	ng	0.00
23) Nitrobenzene-d5	7.30	82	1156294	88.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	269185	110.20	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1598444	83.42	ng	-0.01
78) Terphenyl-d14	12.84	244	1031892	59.23	ng	-0.01
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	13.87	149	31687	2.510	ng	Qvalue 98

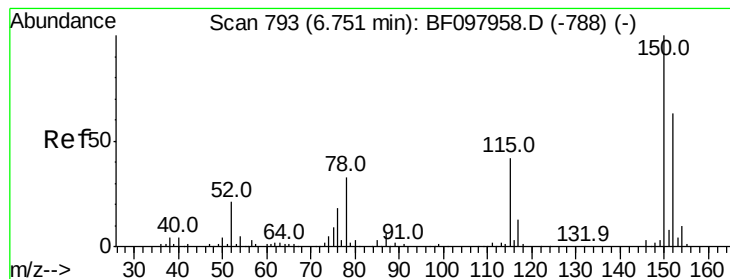
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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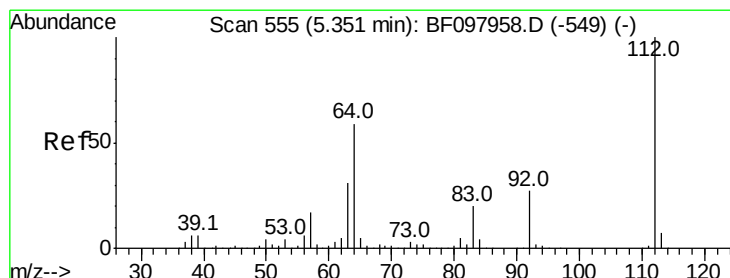
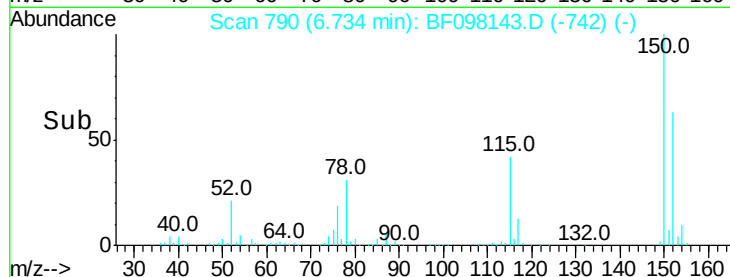
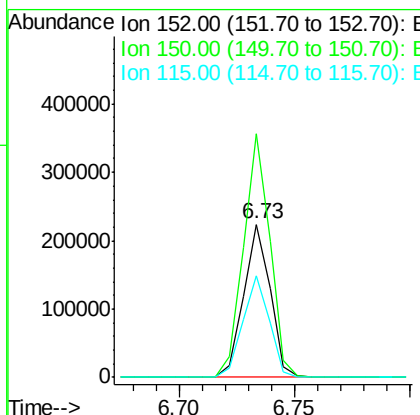
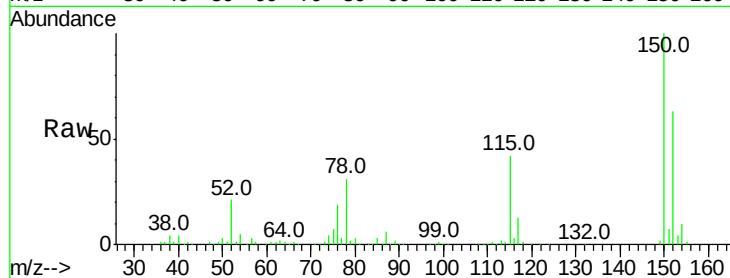


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 FF5-COMP

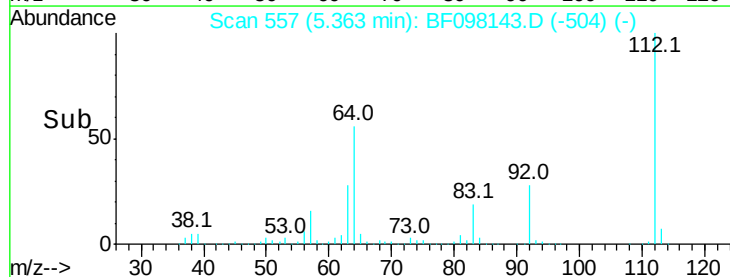
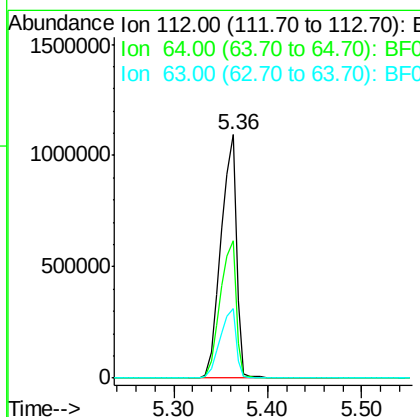
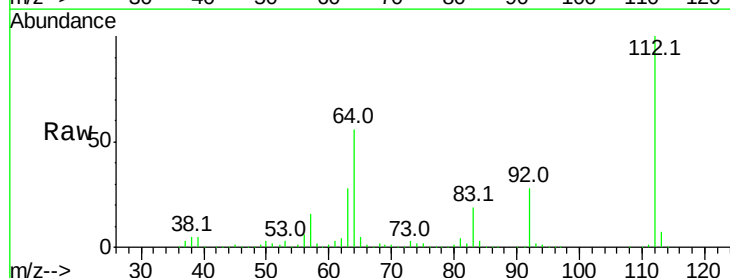
Tot Ion:152 Resp: 179532
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 66.7 52.2 78.2

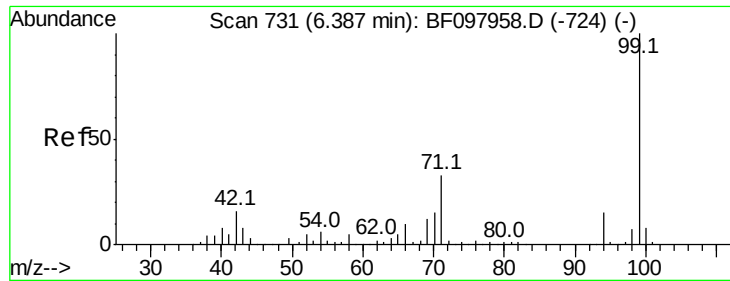


#5

2-Fluorophenol
 Concen: 107.667 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Tgt Ion:112 Resp: 1270792
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.0 69.0
 63 28.4 23.4 35.0





#7

Phenol-d6

Concen: 99.505 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098143.D

Acq: 30 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

FF5-COMP

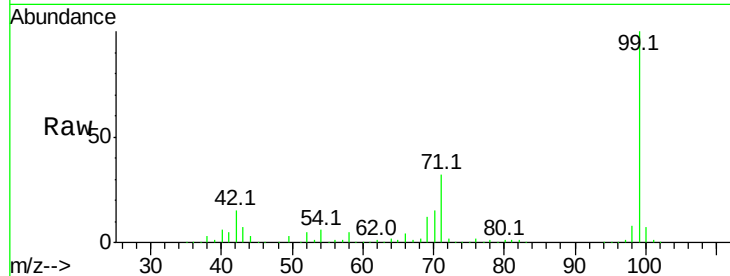
Tot Ion: 99 Resp: 1595741

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

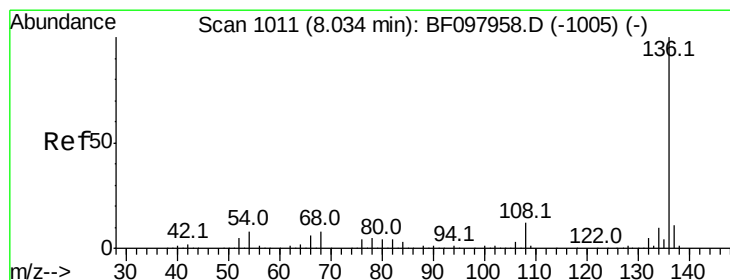
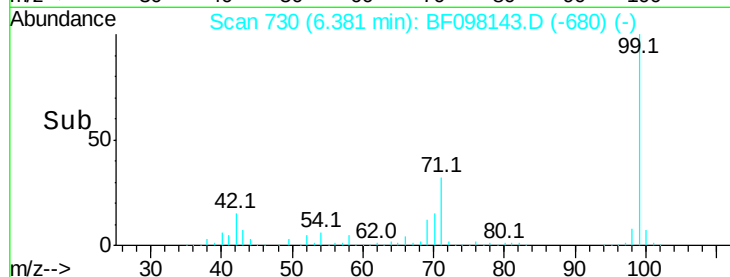
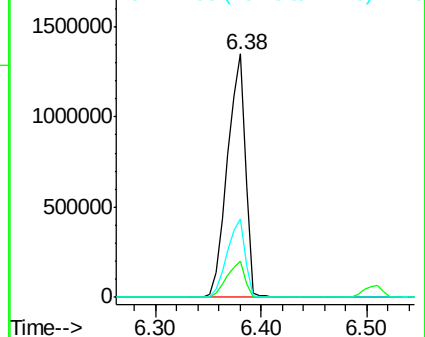
71 32.4 24.5 36.7



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# 1008

Delta R.T. -0.02 min

Lab File: BF098143.D

Acq: 30 Aug 2017 7:34

Tgt Ion: 136 Resp: 709688

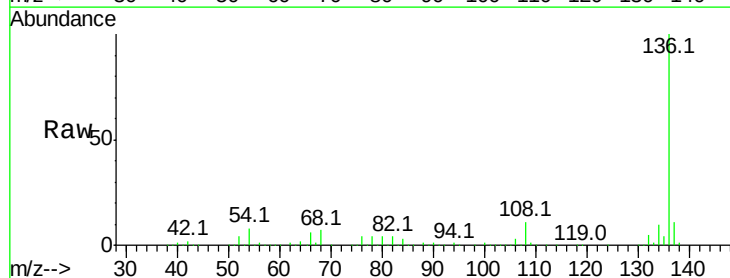
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.4 4.1 6.1#

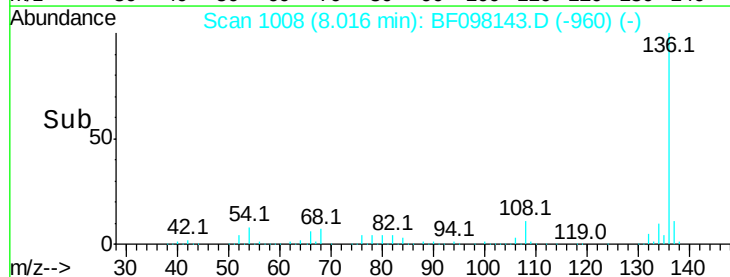
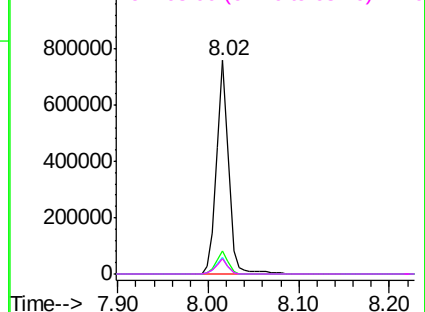


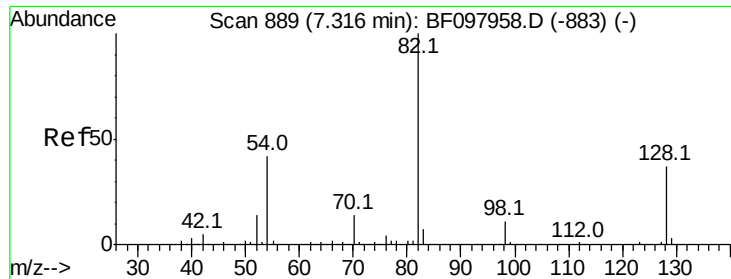
Abundance Ion 136.00 (135.70 to 136.70): E

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



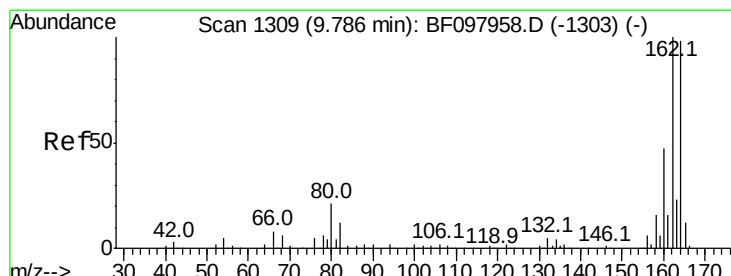
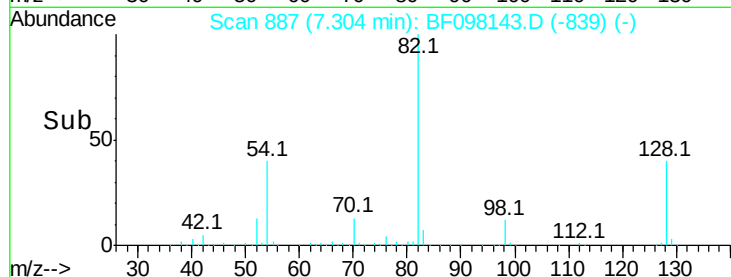
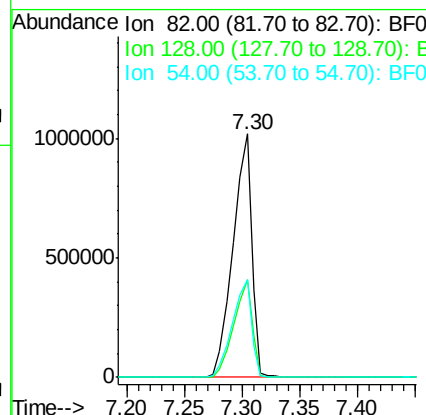
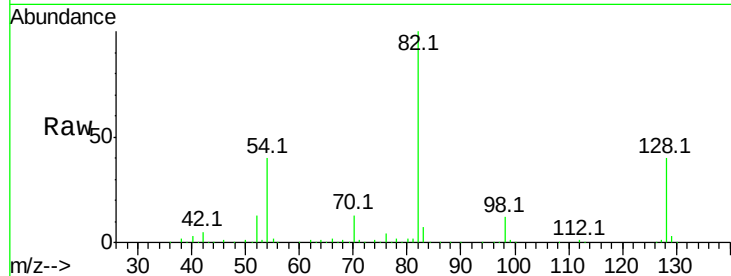


#23
 Nitrobenzene-d5
 Concen: 88.511 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 FF5-COMP

Tot Ion: 82 Resp: 1156294

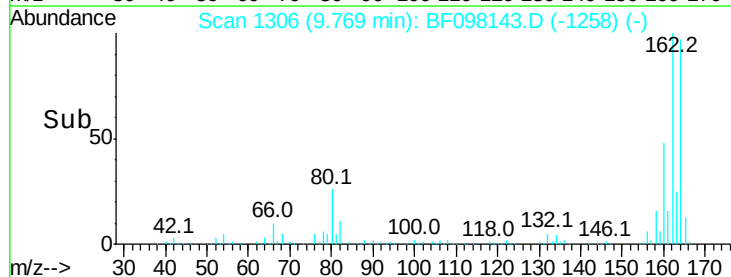
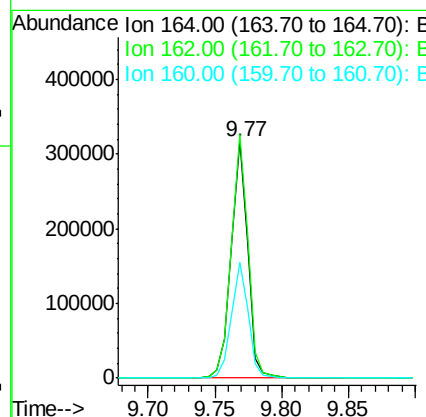
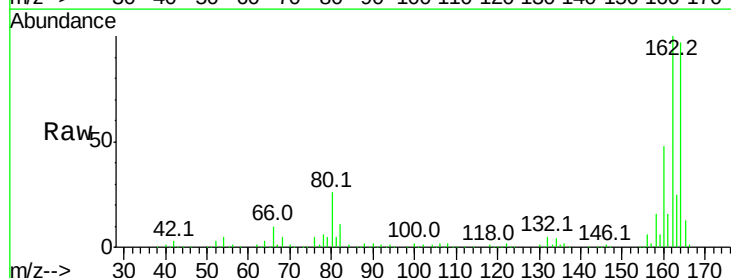
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.0	51.0
54	40.1	42.2	63.2#

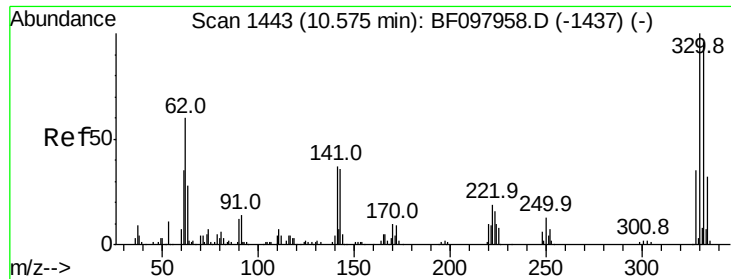


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Tgt Ion:164 Resp: 281515

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	48.8	36.2	54.2

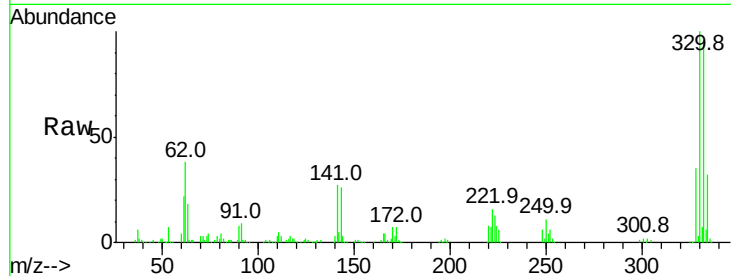




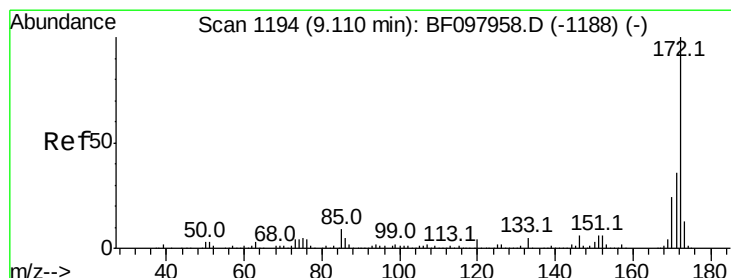
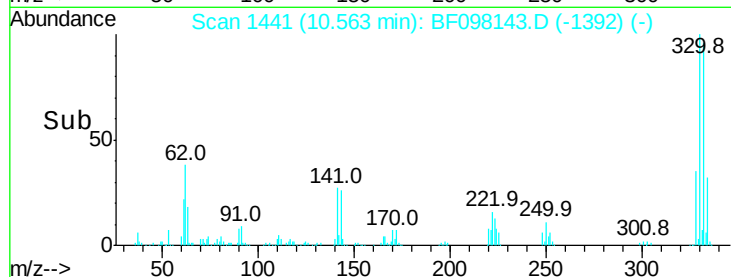
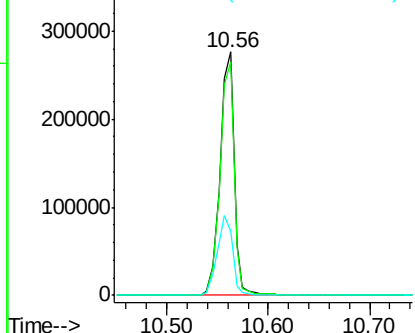
#41
 2,4,6-Tribromophenol
 Concen: 110.204 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 FF5-COMP

Tot Ion:330 Resp: 269185
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 35.7 31.4 47.2

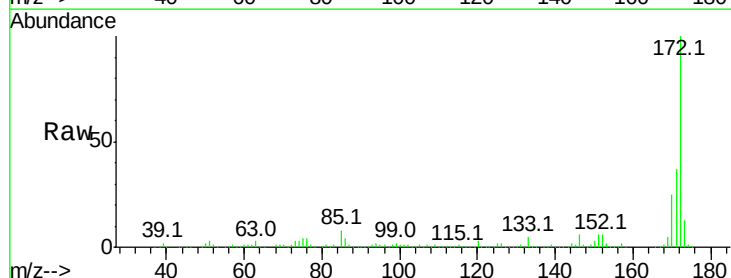


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

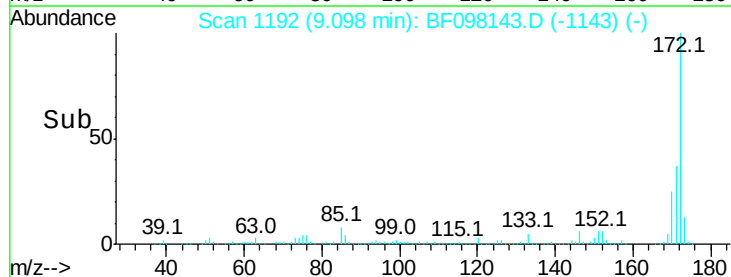
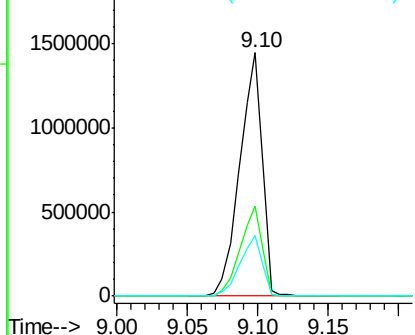


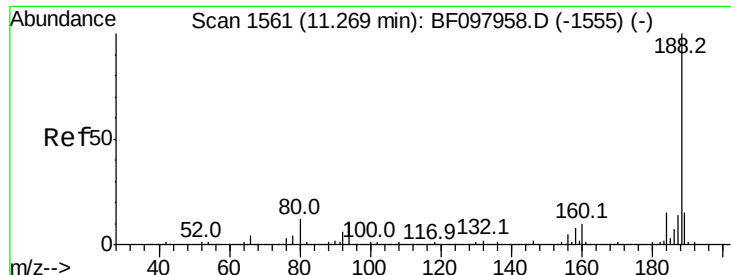
#44
 2-Fluorobiphenyl
 Concen: 83.422 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Tgt Ion:172 Resp: 1598444
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: BF098143.D

Acq: 30 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

FF5-COMP

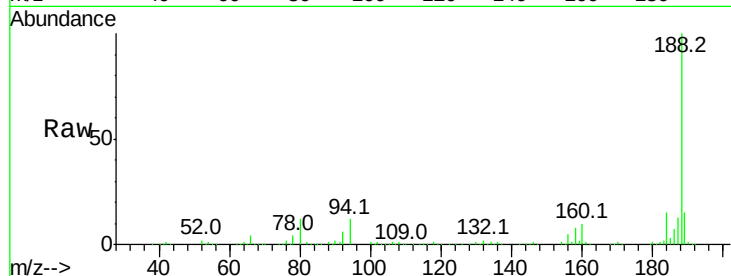
Tot Ion:188 Resp: 423134

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

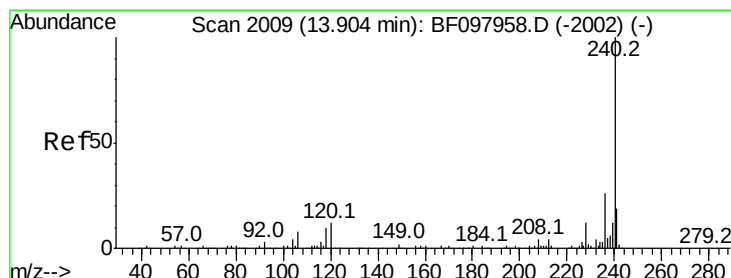
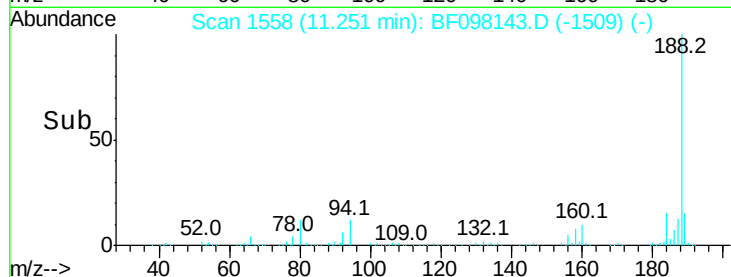
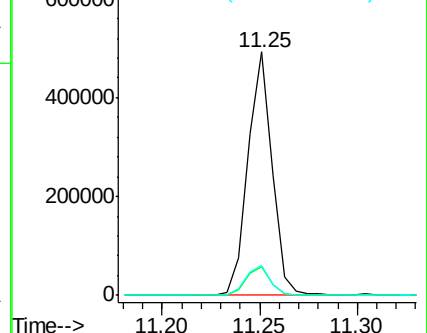
80 12.3 10.2 15.2



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: BF098143.D

Acq: 30 Aug 2017 7:34

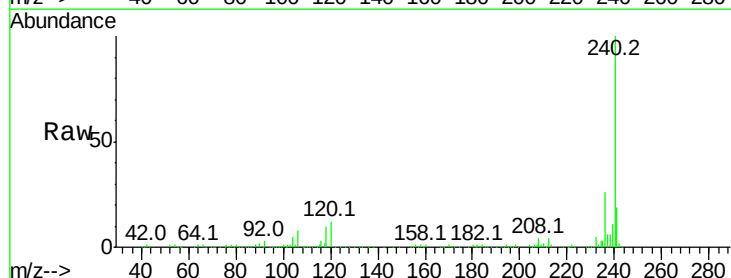
Tgt Ion:240 Resp: 363276

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

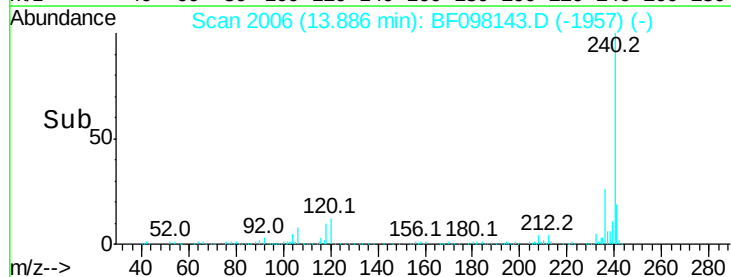
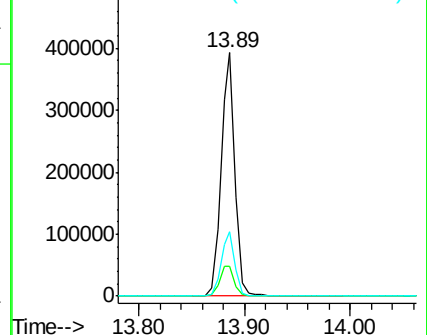
236 26.5 20.5 30.7

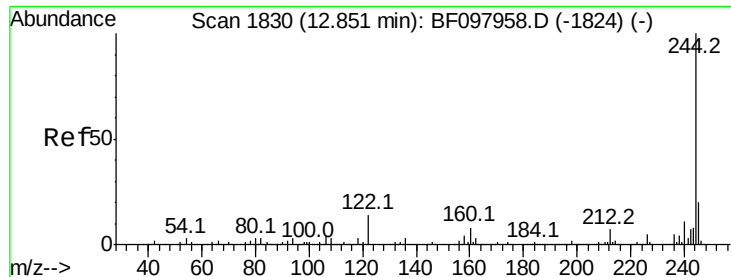


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.234 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098143.D

Acq: 30 Aug 2017 7:34

Instrument :

BNA_F

ClientSampleId :

FF5-COMP

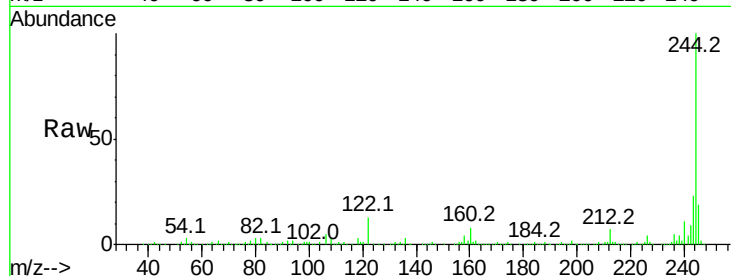
Tot Ion:244 Resp: 1031892

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

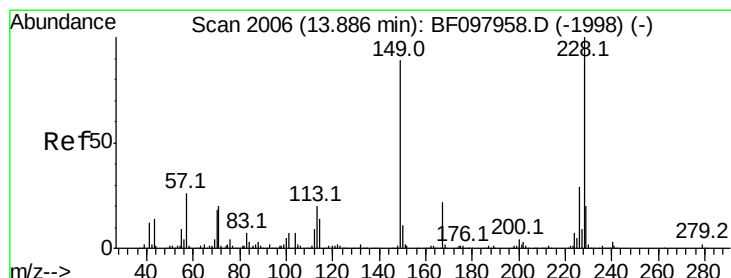
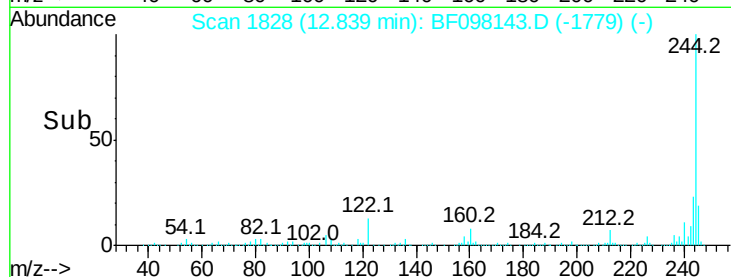
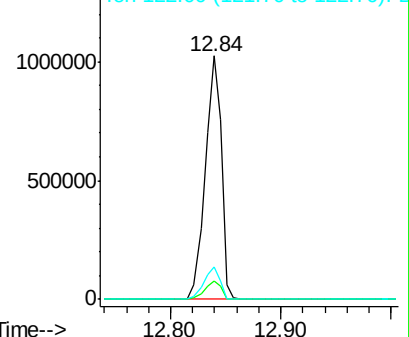
122 13.1 10.3 15.5



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: 2.510 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098143.D

Acq: 30 Aug 2017 7:34

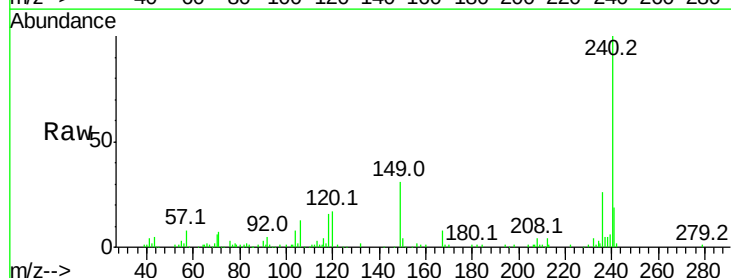
Tgt Ion:149 Resp: 31687

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

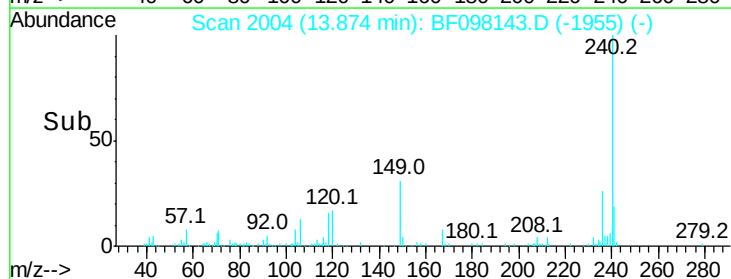
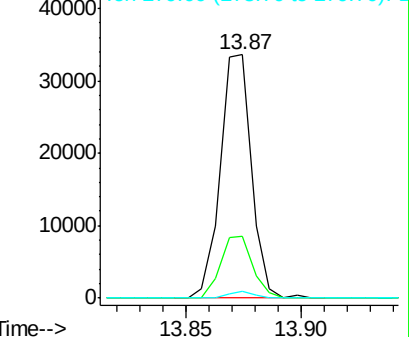
279 2.5 1.9 2.9

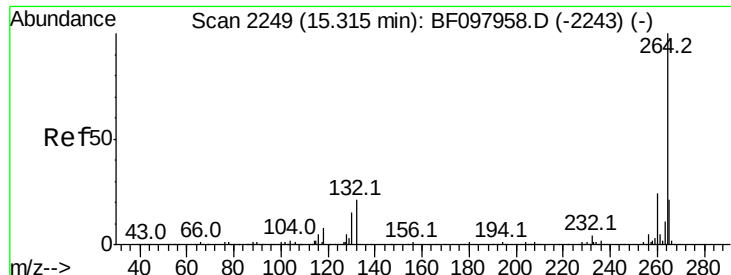


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

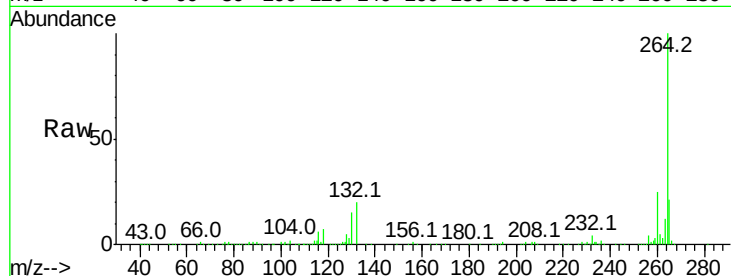




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098143.D
 Acq: 30 Aug 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 FF5-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.0	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

