

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098139.D
 Acq On : 30 Aug 2017 5:43
 Operator : SJ/JU
 Sample : I4988-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF1-COMP

Quant Time: Aug 30 08:06:52 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	132935	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	516619	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	215225	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	342321	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	269109	20.00	ng	-0.01
86) Perylene-d12	15.30	264	217677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	761095	87.09	ng	0.00
7) Phenol-d6	6.37	99	1028983	86.65	ng	-0.02
23) Nitrobenzene-d5	7.30	82	628027	66.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	146058	78.21	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	954503	65.16	ng	-0.02
78) Terphenyl-d14	12.84	244	610126	47.28	ng	-0.01

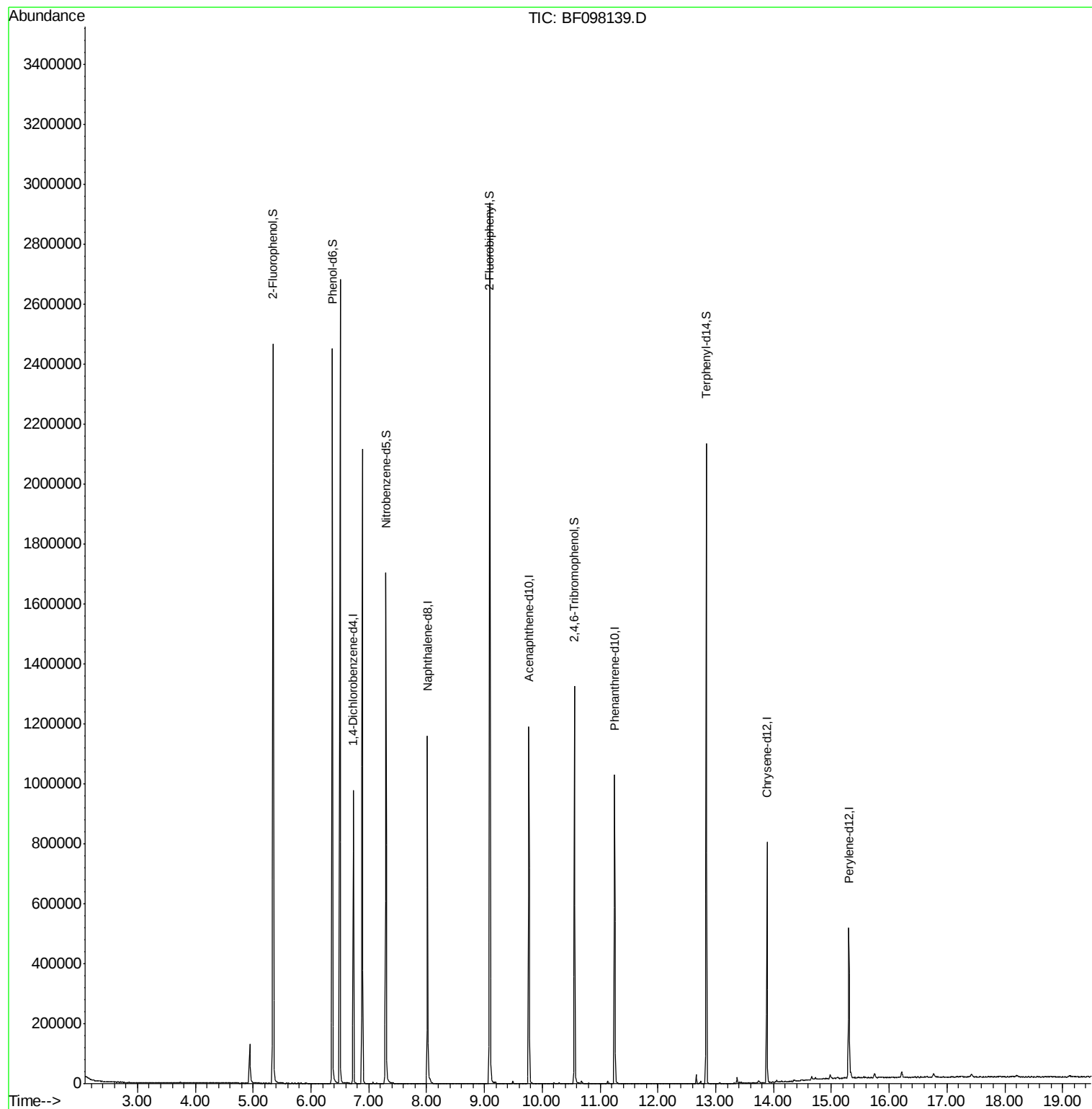
Target Compounds Qvalue

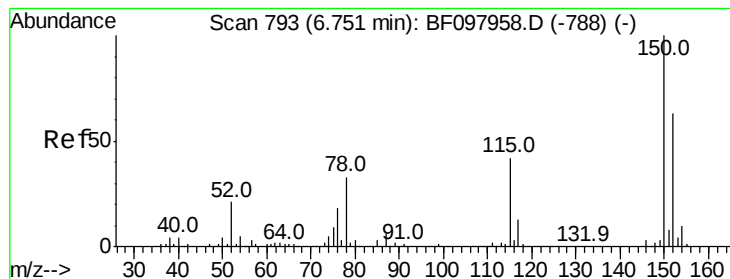
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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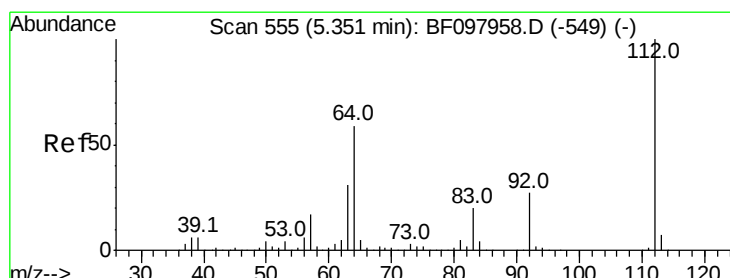
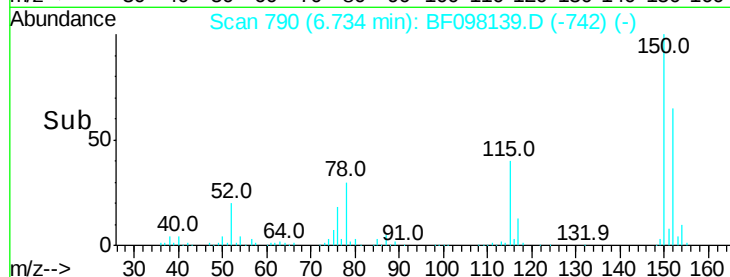
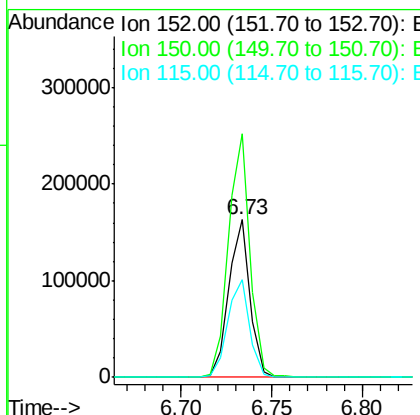
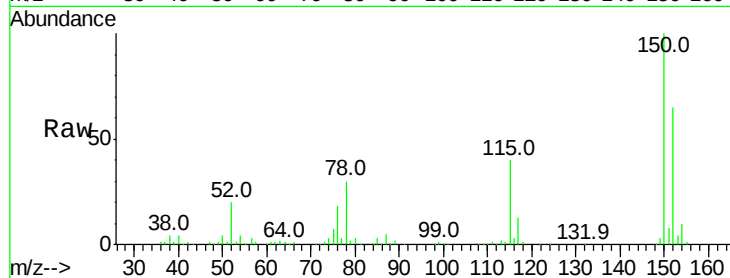


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098139.D
Acq: 30 Aug 2017 5:43

Instrument :
BNA_F
ClientSampleId :
FF1-COMP

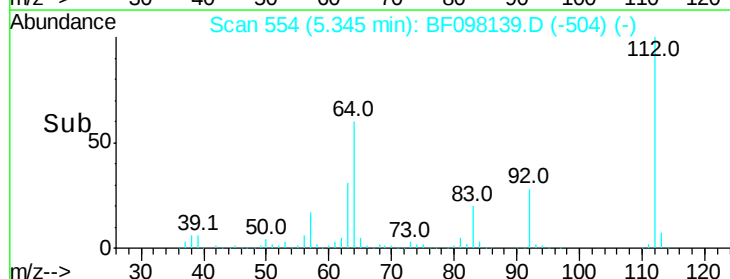
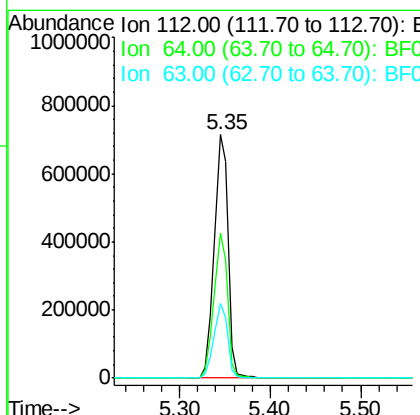
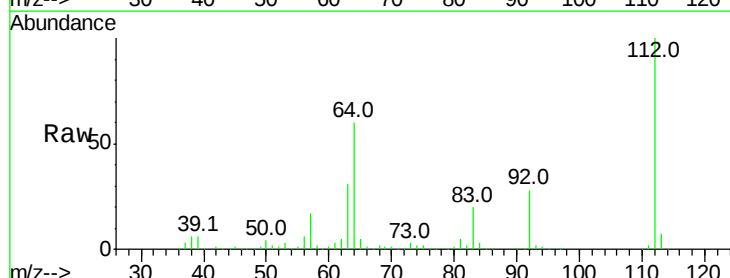
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	62.2	52.2	78.2

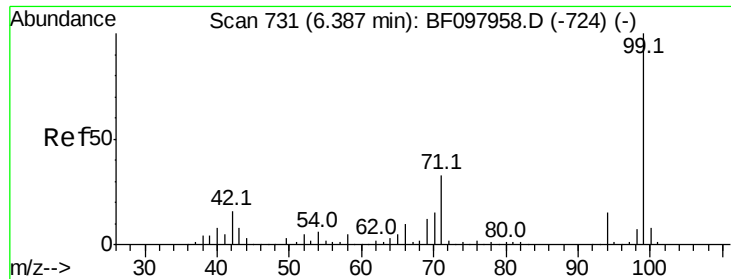


#5

2-Fluorophenol
Concen: 87.086 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098139.D
Acq: 30 Aug 2017 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 86.655 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098139.D

Acq: 30 Aug 2017 5:43

Instrument :

BNA_F

ClientSampleId :

FF1-COMP

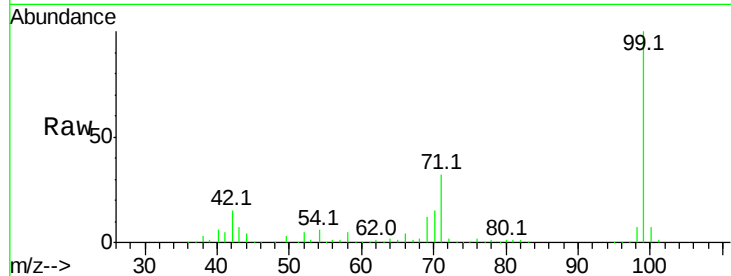
Tot Ion: 99 Resp: 1028983

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

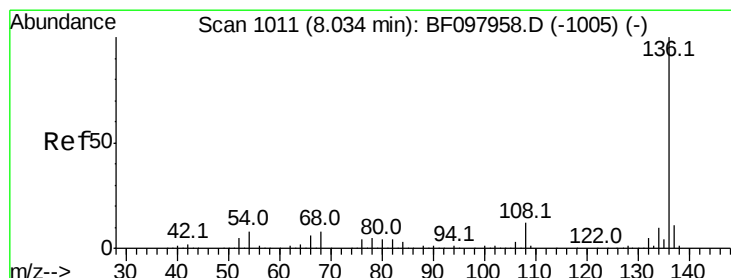
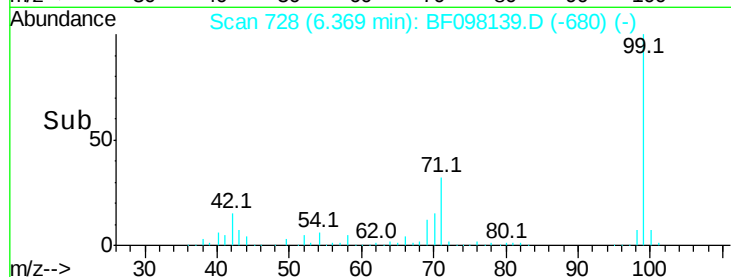
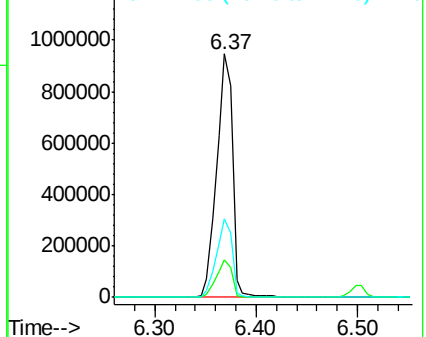
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098139.D

Acq: 30 Aug 2017 5:43

Tgt Ion: 136 Resp: 516619

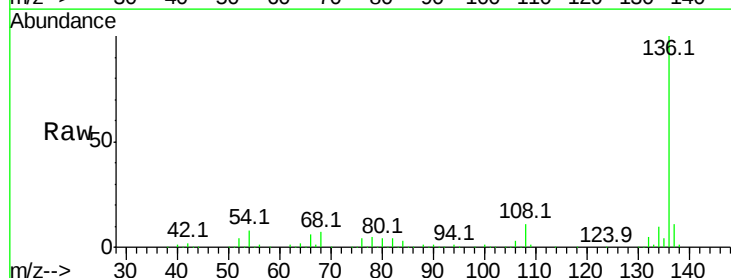
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.7 4.9 7.3#

68 7.5 4.1 6.1#

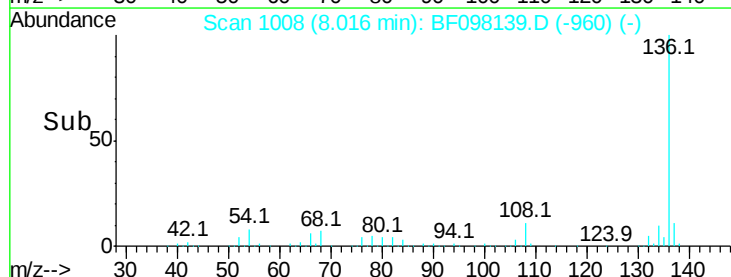
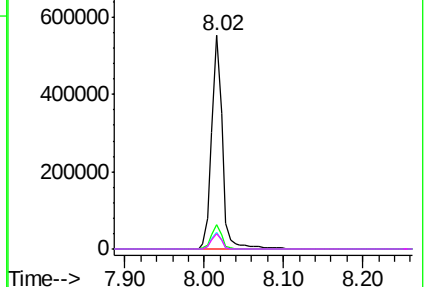


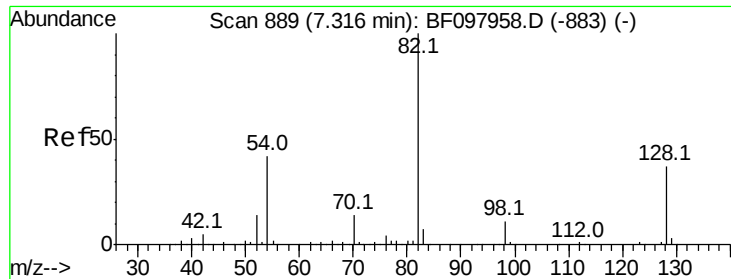
Abundance Ion 136.00 (135.70 to 136.70): E

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

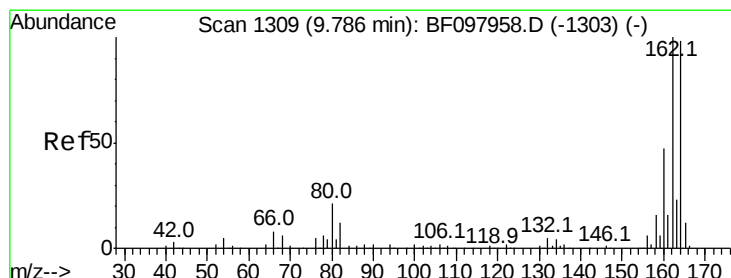
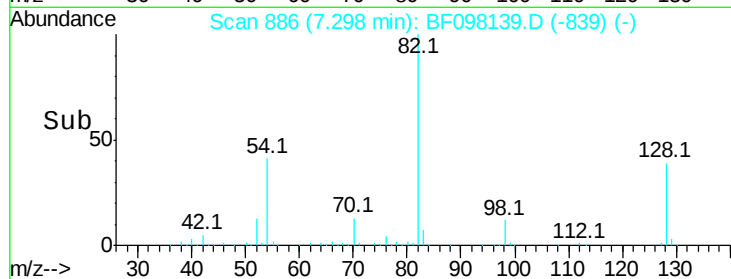
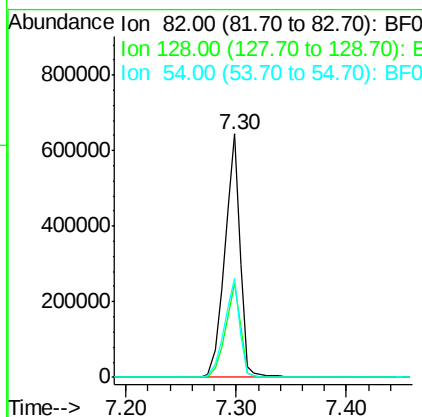
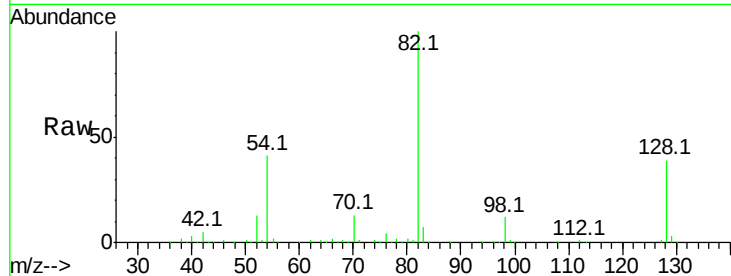




#23
Nitrobenzene-d5
Concen: 66.040 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098139.D
Acq: 30 Aug 2017 5:43

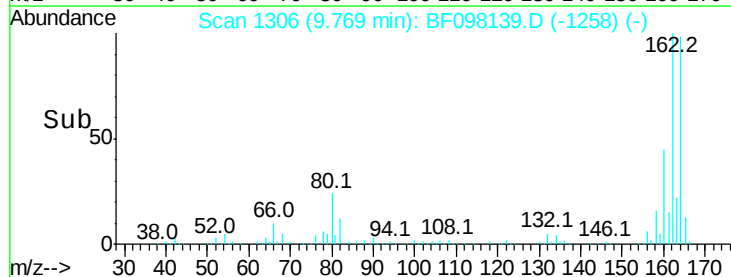
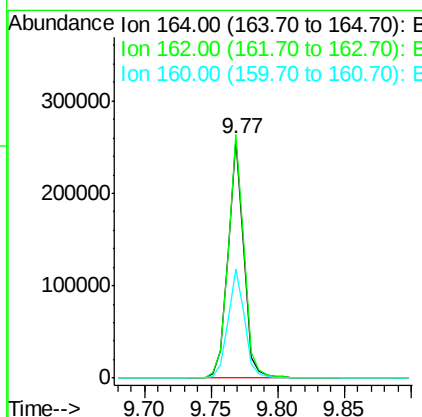
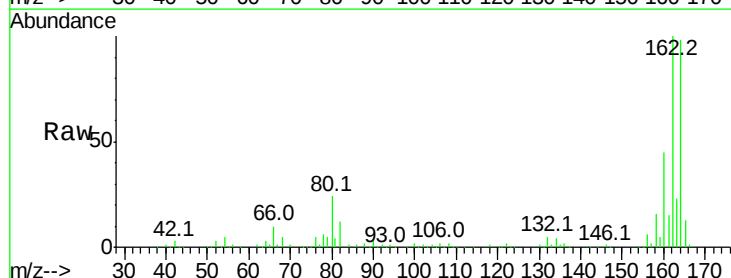
Instrument :
BNA_F
ClientSampleId :
FF1-COMP

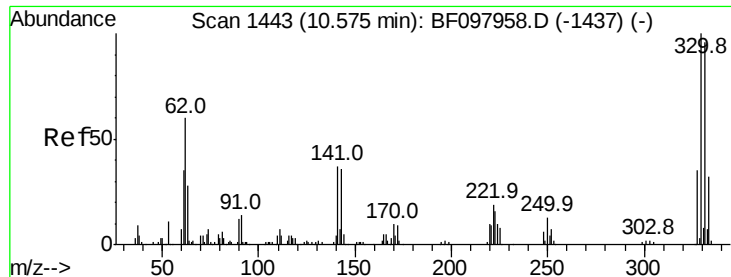
Tot Ion: 82 Resp: 628027
Ion Ratio Lower Upper
82 100
128 38.8 34.0 51.0
54 40.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098139.D
Acq: 30 Aug 2017 5:43

Tgt Ion:164 Resp: 215225
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.8 36.2 54.2

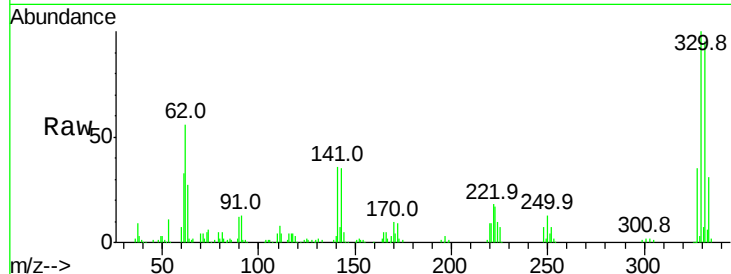




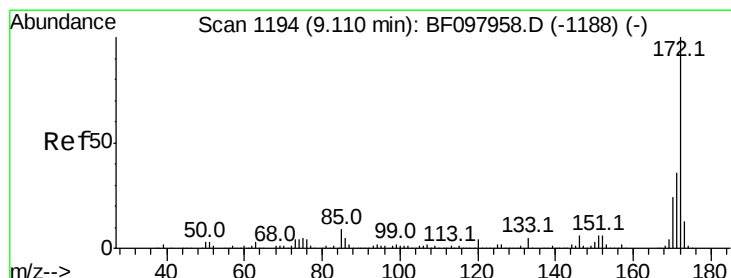
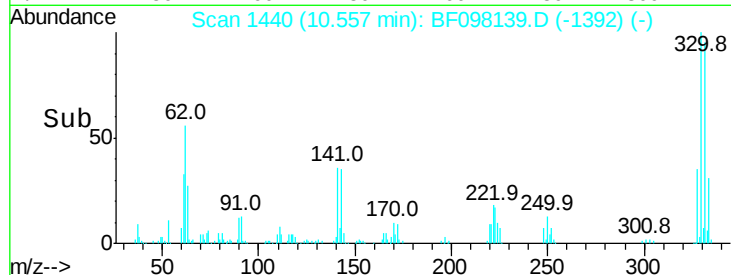
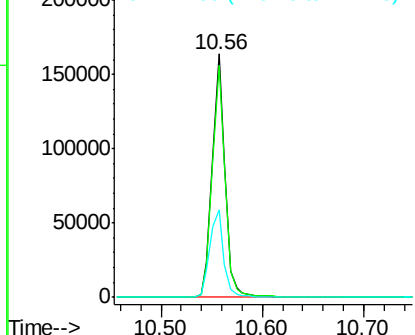
#41
 2,4,6-Tribromophenol
 Concen: 78.213 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098139.D
 Acq: 30 Aug 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :
 FF1-COMP

Tot Ion:330 Resp: 146058
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.7 31.4 47.2

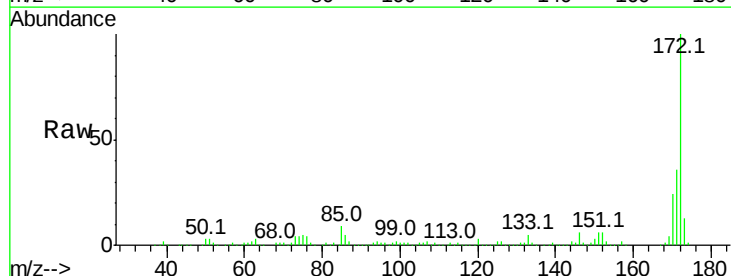


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

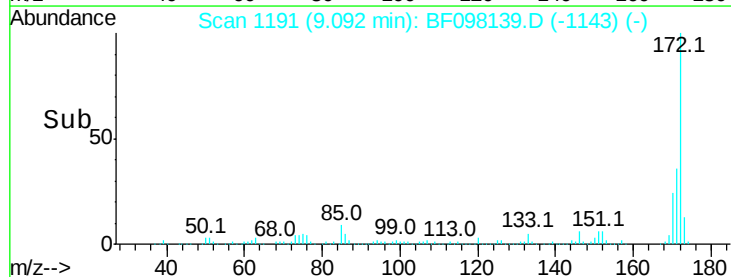
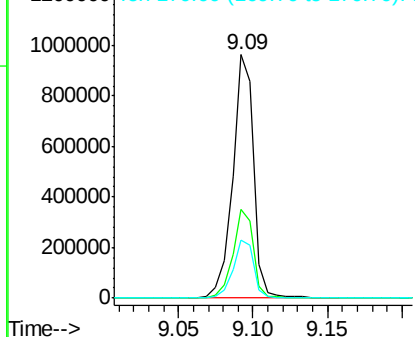


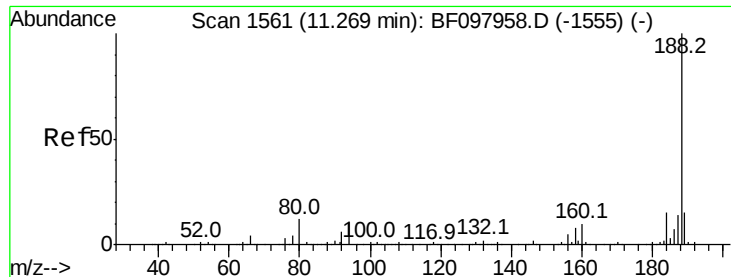
#44
 2-Fluorobiphenyl
 Concen: 65.158 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098139.D
 Acq: 30 Aug 2017 5:43

Tgt Ion:172 Resp: 954503
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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: BF098139.D

Acq: 30 Aug 2017 5:43

Instrument :

BNA_F

ClientSampled :

FF1-COMP

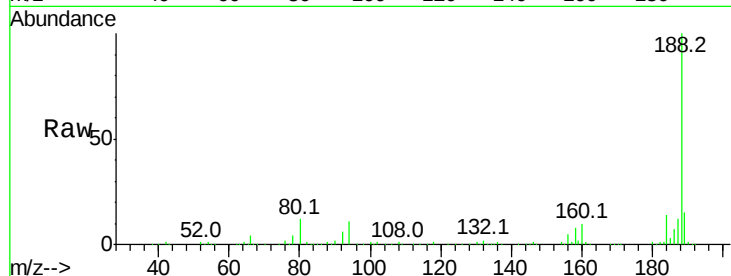
Tot Ion:188 Resp: 342321

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

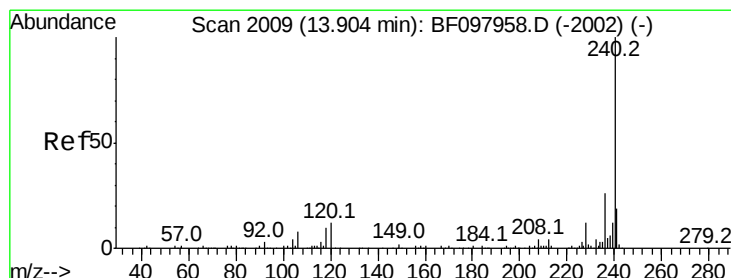
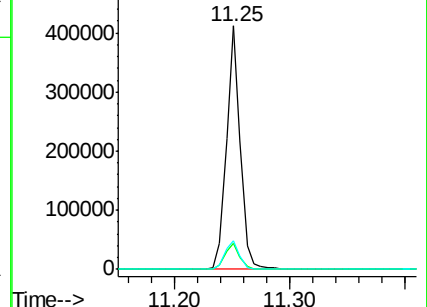
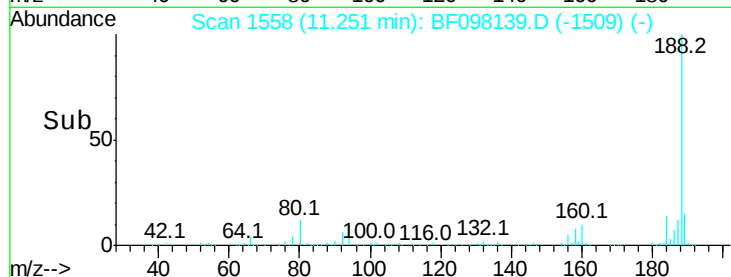
80 11.8 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098139.D

Acq: 30 Aug 2017 5:43

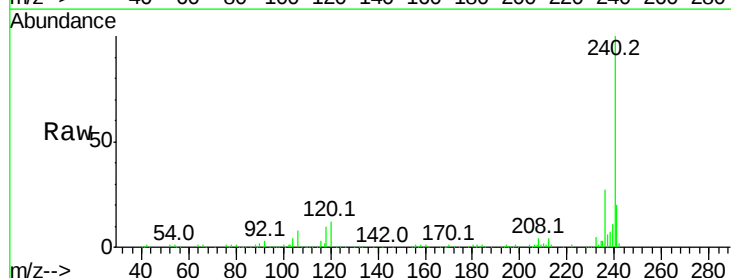
Tgt Ion:240 Resp: 269109

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

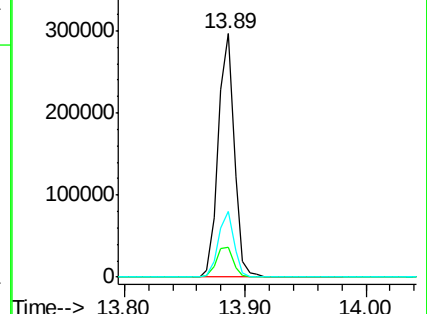
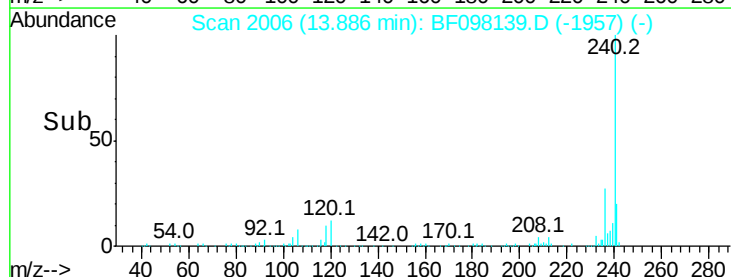
236 26.8 20.5 30.7

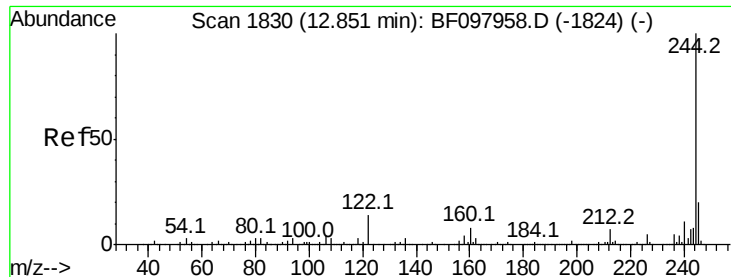


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

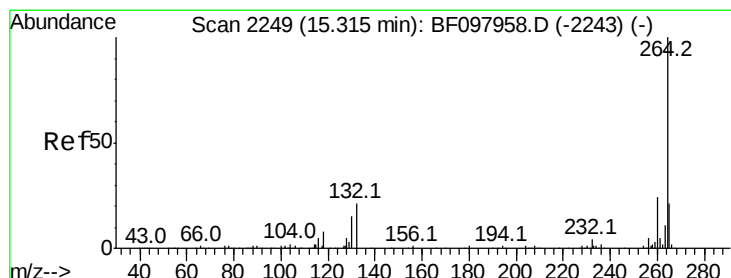
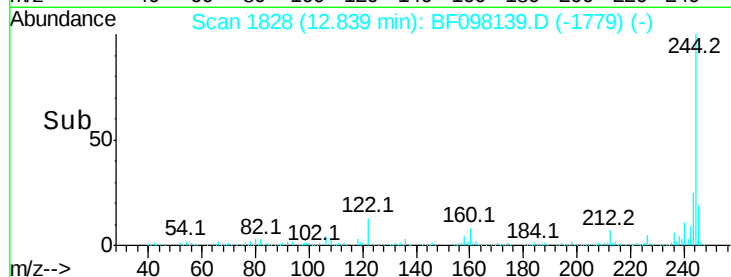
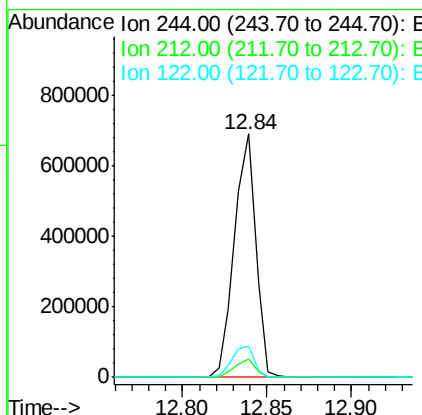
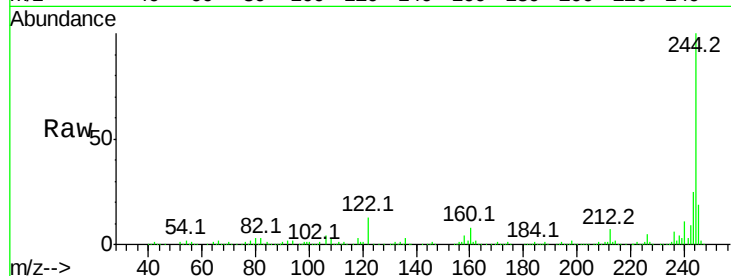




#78
 Terphenyl-d14
 Concen: 47.279 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098139.D
 Acq: 30 Aug 2017 5:43

Instrument :
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Tot Ion:244 Resp: 610126
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098139.D
 Acq: 30 Aug 2017 5:43

Tgt Ion:264 Resp: 217677
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.0 17.2 25.8

