

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098140.D
 Acq On : 30 Aug 2017 6:10
 Operator : SJ/JU
 Sample : I4988-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Quant Time: Aug 30 08:10:23 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	131860	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	518924	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	217105	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	333030	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	272496	20.00	ng	-0.01
86) Perylene-d12	15.30	264	209337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	7153	0.83	ng	0.09
7) Phenol-d6	6.39	99	2690	0.23	ng	0.00
23) Nitrobenzene-d5	7.30	82	753328	78.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	65364	34.70	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1179492	79.82	ng	-0.01
78) Terphenyl-d14	12.84	244	827135	63.30	ng	-0.01

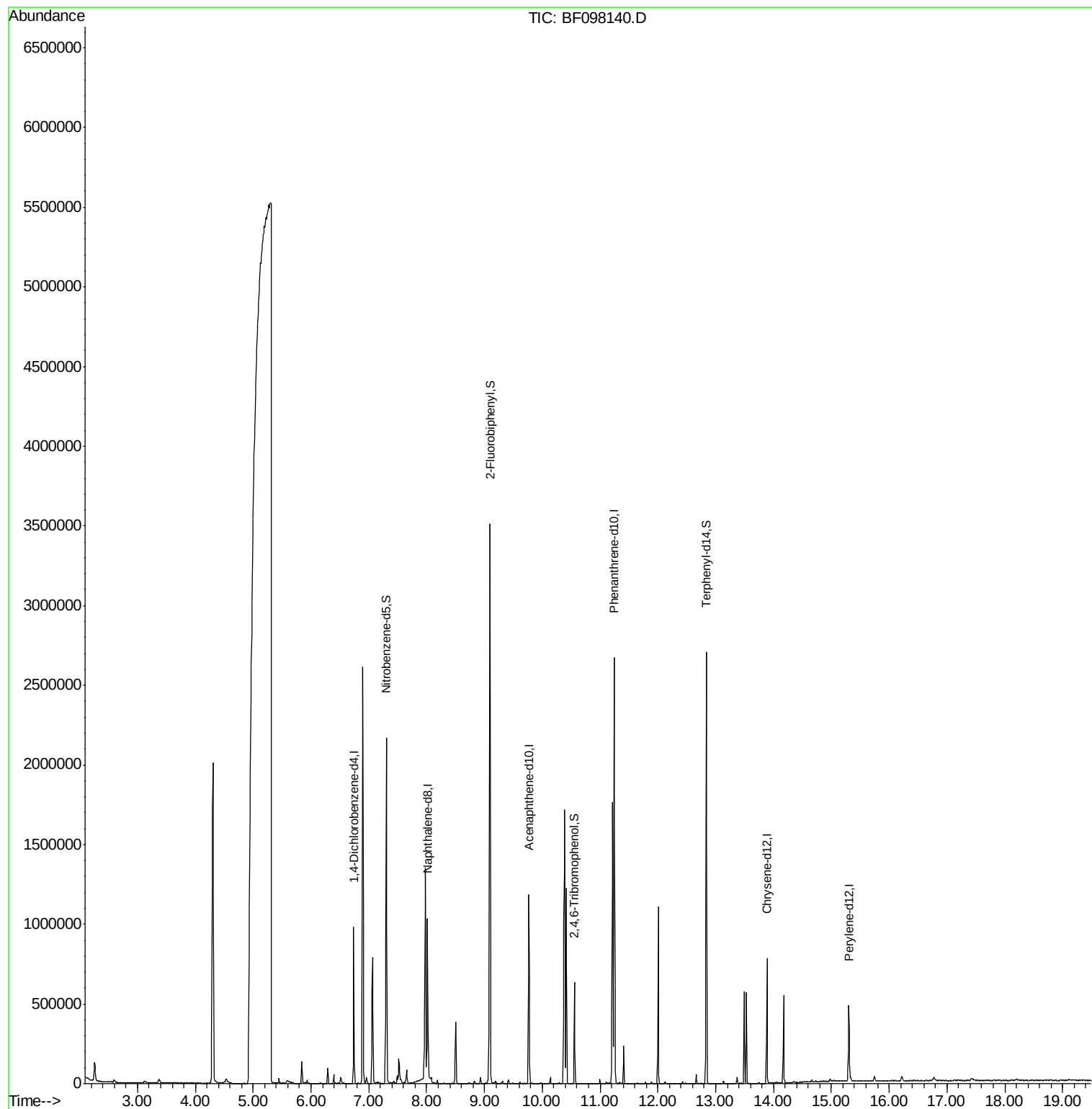
Target Compounds Qvalue

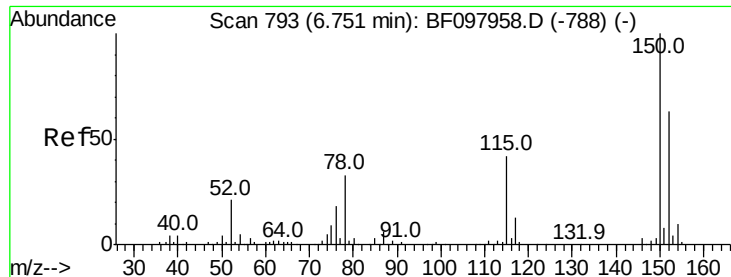
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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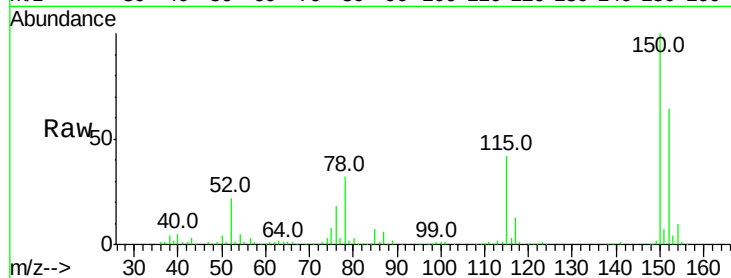


#1

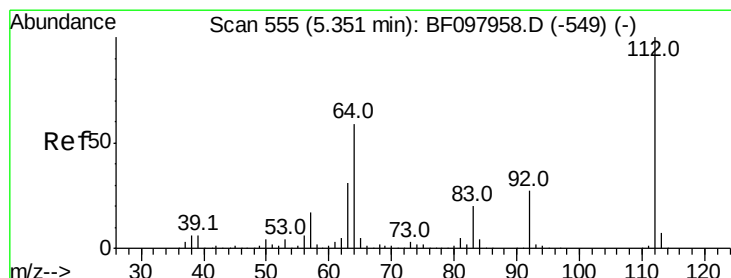
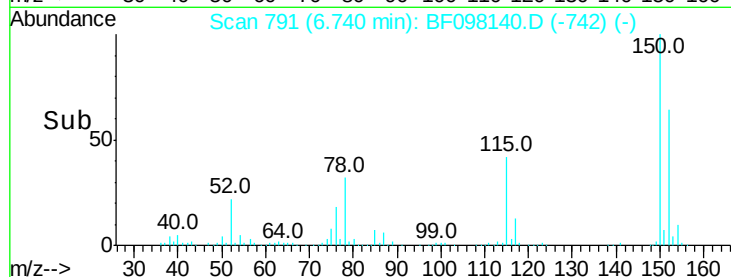
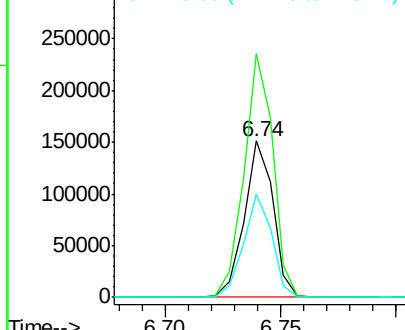
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Tot Ion:152 Resp: 131860
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 66.0 52.2 78.2



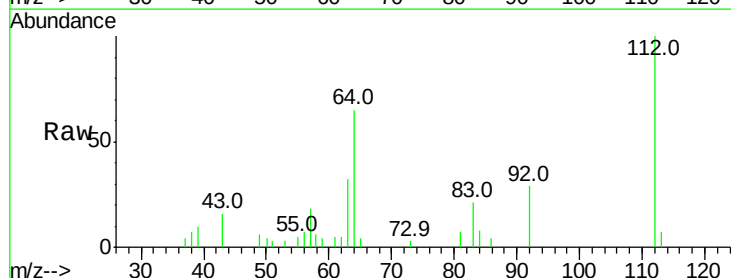
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



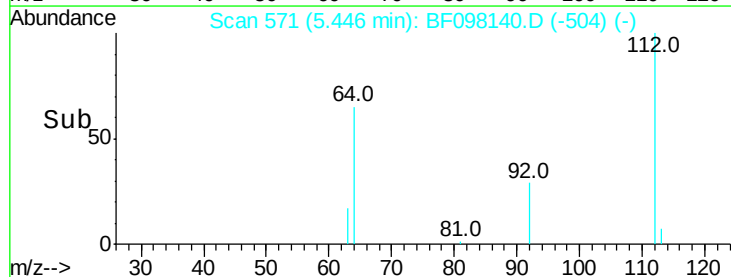
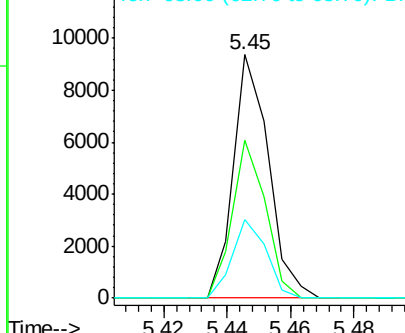
#5

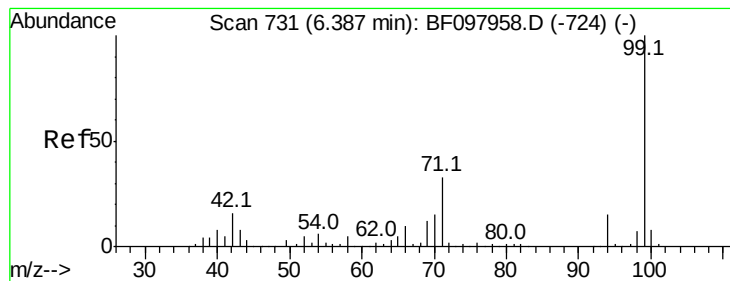
2-Fluorophenol
 Concen: 0.825 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.09 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Tgt Ion:112 Resp: 7153
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.0 69.0
 63 32.1 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: 0.228 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF098140.D

Acq: 30 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

FF2-COMP

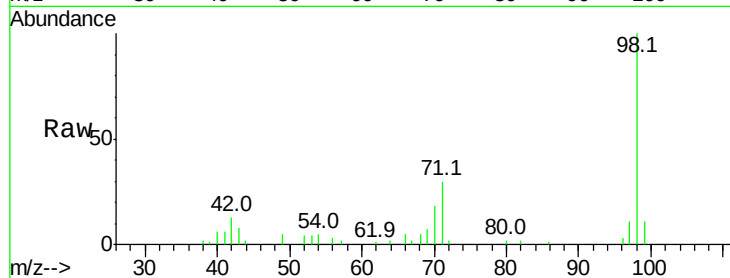
Tot Ion: 99 Resp: 2690

Ion Ratio Lower Upper

99 100

42 119.6 13.5 20.3#

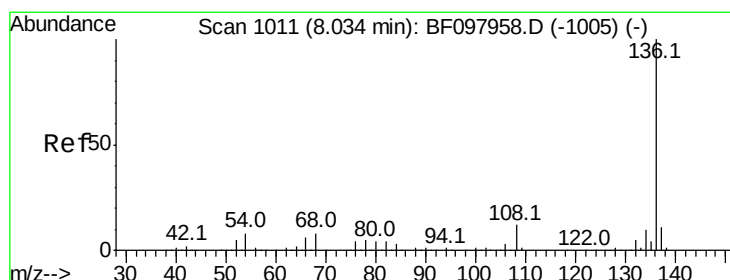
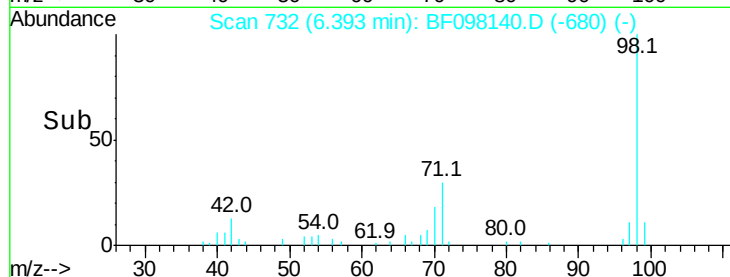
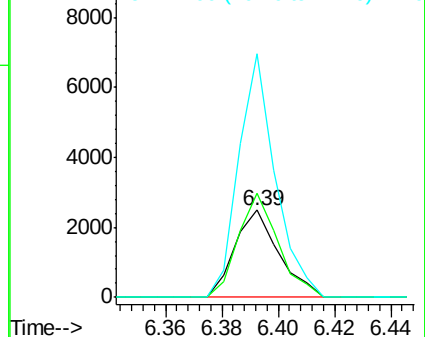
71 280.0 24.5 36.7#



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: BF098140.D

Acq: 30 Aug 2017 6:10

Tgt Ion: 136 Resp: 518924

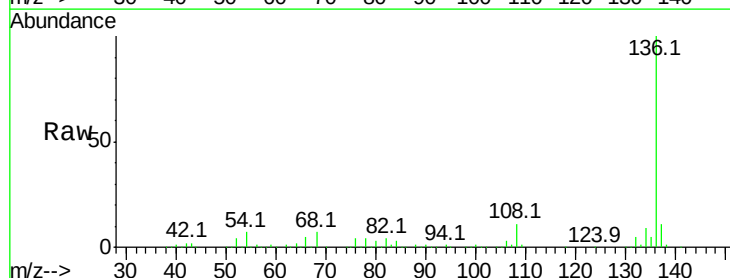
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 6.6 4.1 6.1#

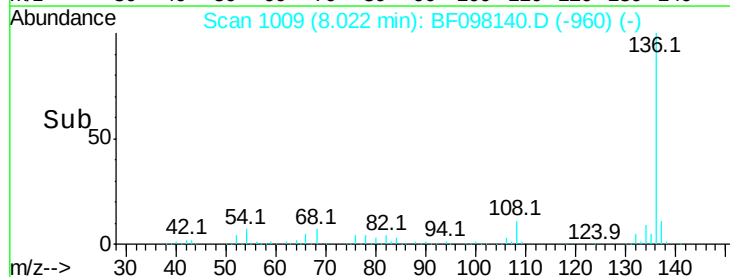
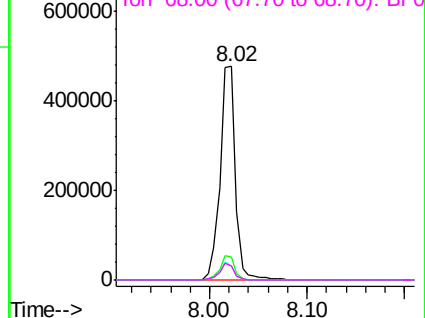


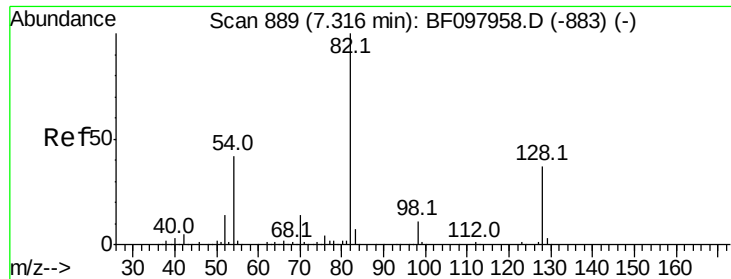
Abundance Ion 136.00 (135.70 to 136.70): E

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

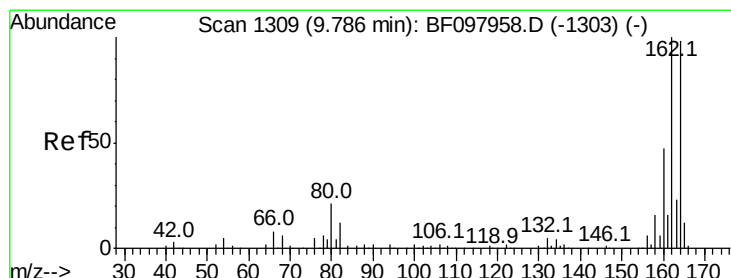
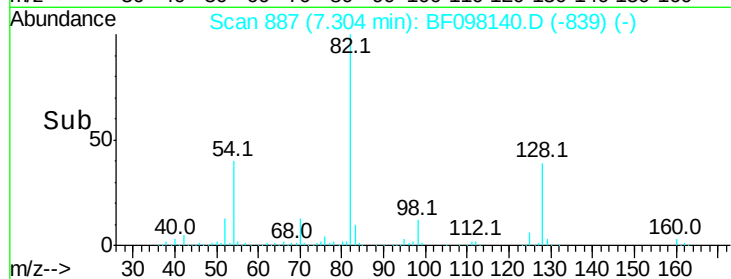
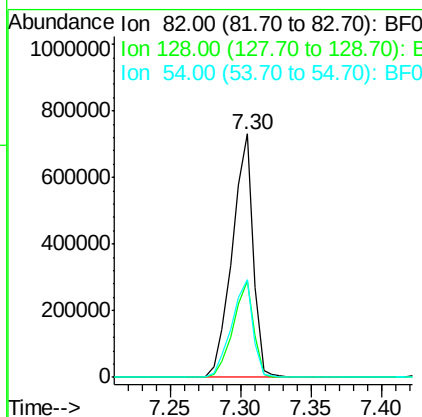
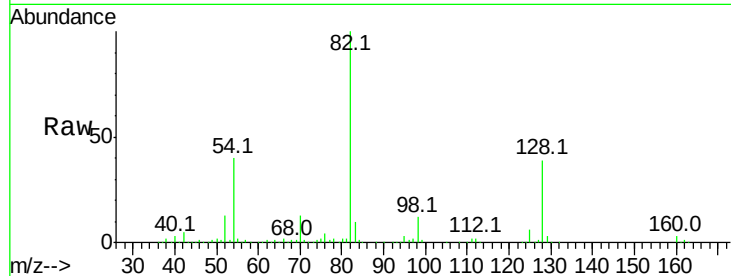




#23
 Nitrobenzene-d5
 Concen: 78.864 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

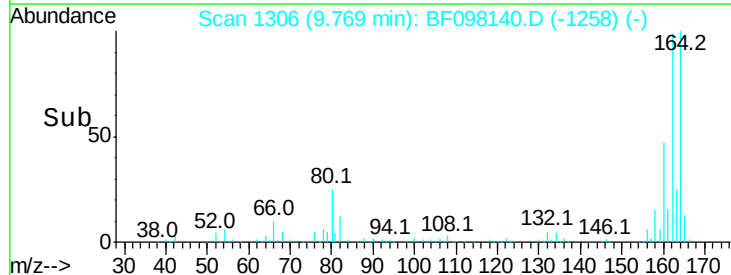
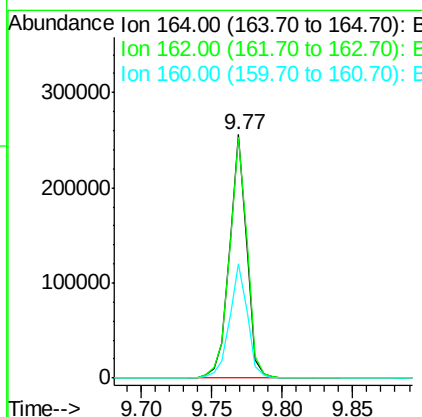
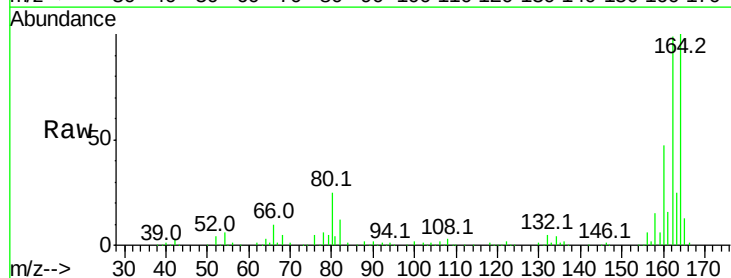
Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

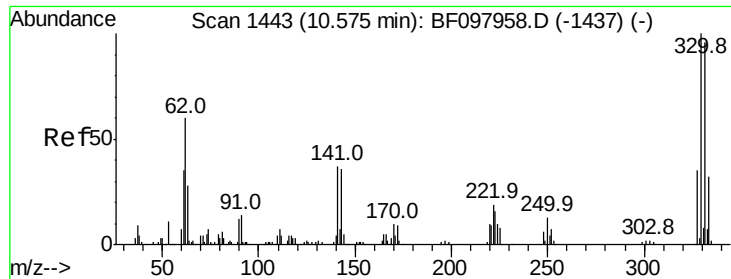
Tot Ion	82	Resp	753328
Ion Ratio	Lower	Upper	
82	100		
128	39.5	34.0	51.0
54	40.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Tgt Ion	164	Resp	217105
Ion Ratio	Lower	Upper	
164	100		
162	98.9	82.6	123.8
160	47.1	36.2	54.2

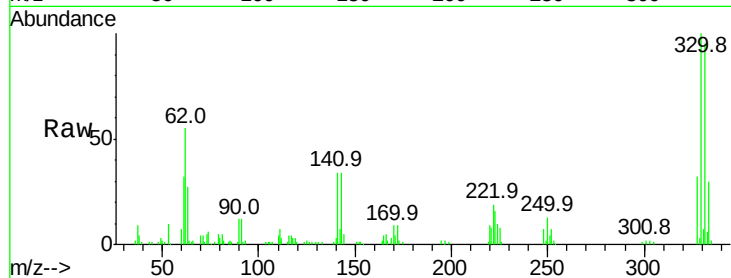




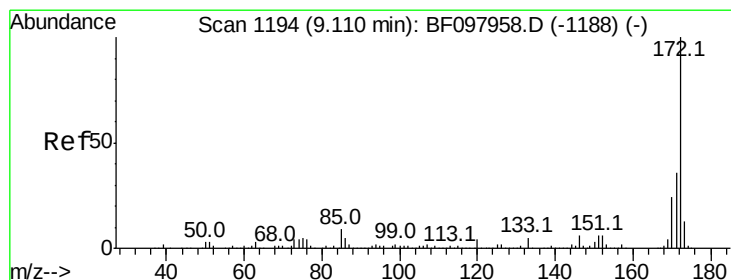
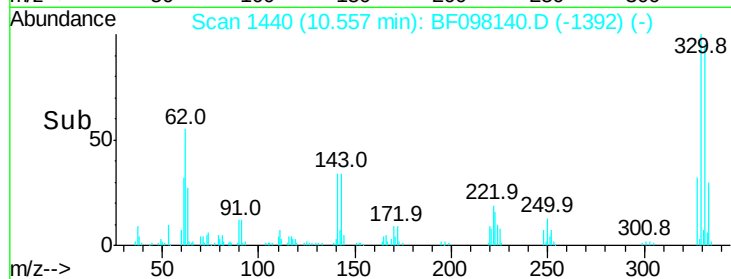
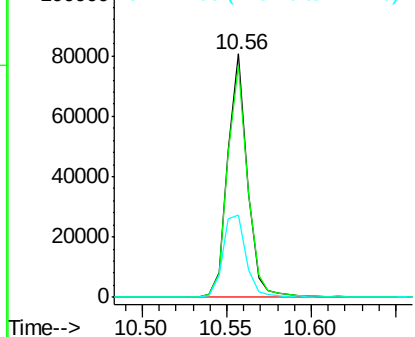
#41
 2,4,6-Tribromophenol
 Concen: 34.699 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Tot Ion:330 Resp: 65364
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.3 31.4 47.2

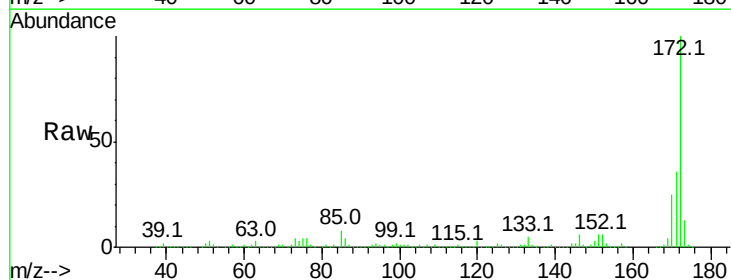


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

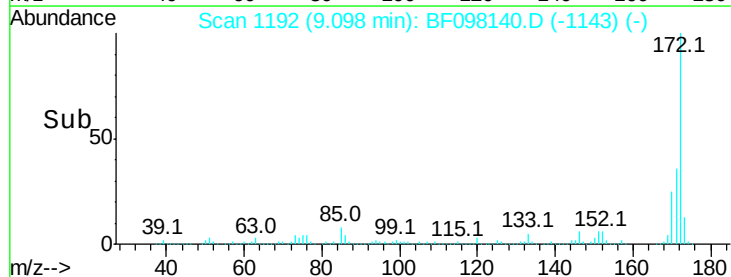
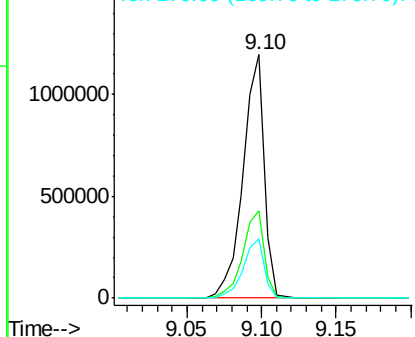


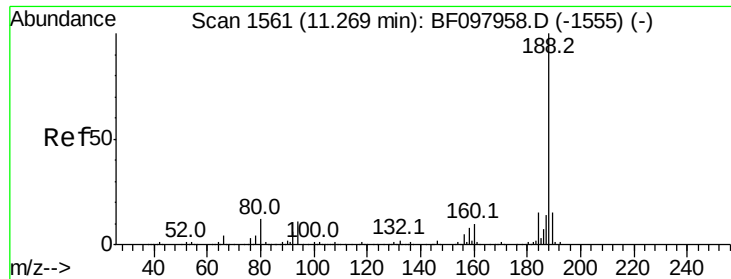
#44
 2-Fluorobiphenyl
 Concen: 79.819 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Tgt Ion:172 Resp: 1179492
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.6 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: BF098140.D

Acq: 30 Aug 2017 6:10

Instrument :

BNA_F

ClientSampled :

FF2-COMP

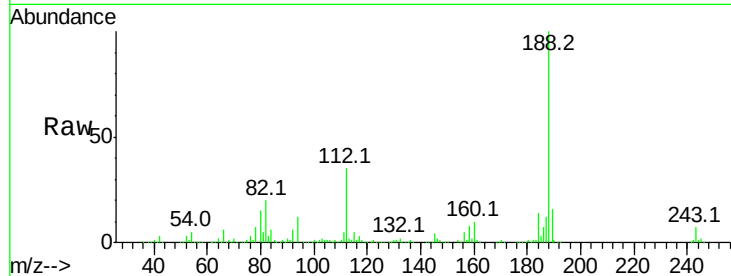
Tot Ion:188 Resp: 333030

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

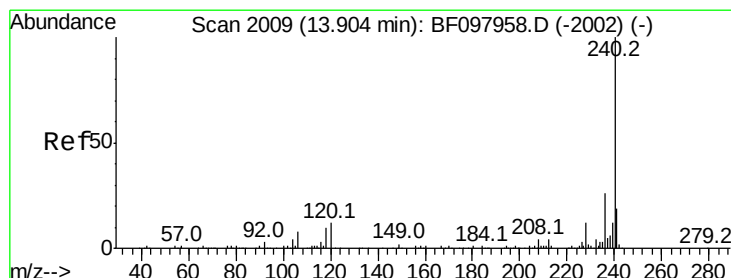
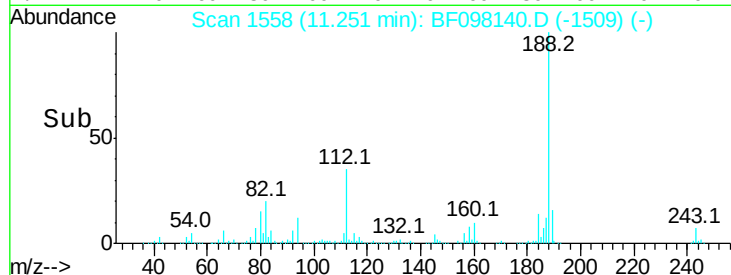
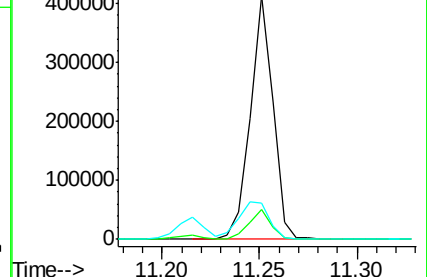
80 14.6 10.2 15.2



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: BF098140.D

Acq: 30 Aug 2017 6:10

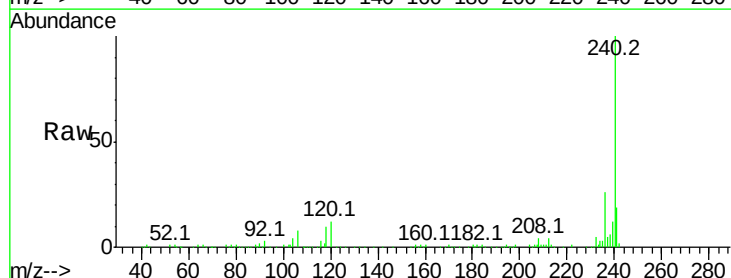
Tgt Ion:240 Resp: 272496

Ion Ratio Lower Upper

240 100

120 11.9 5.8 8.8#

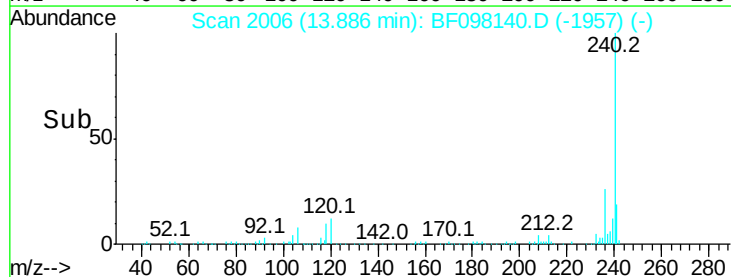
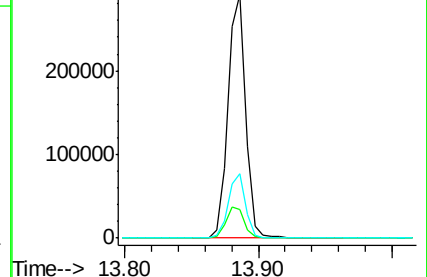
236 26.5 20.5 30.7

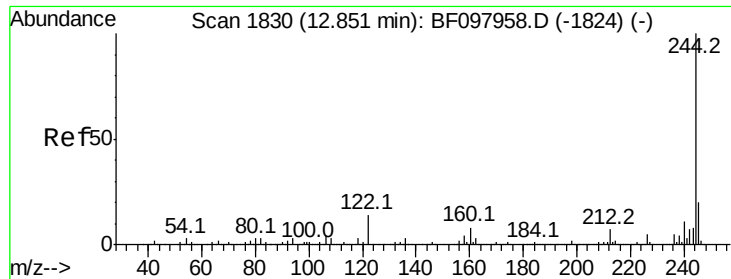


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

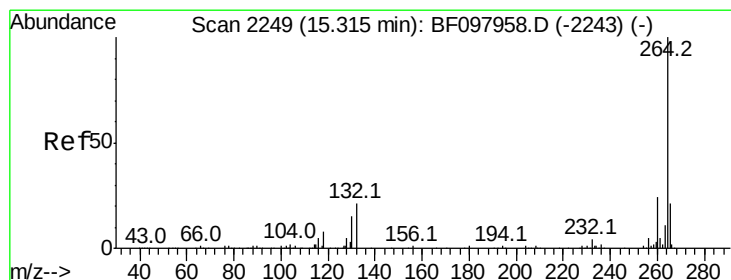
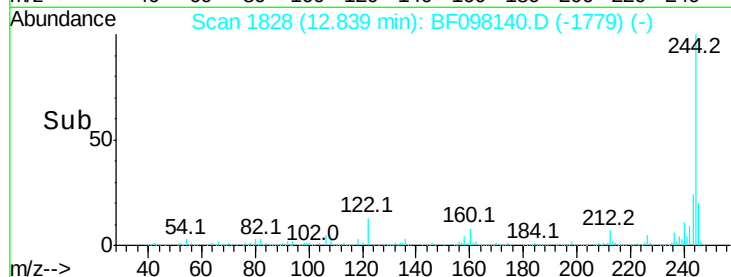
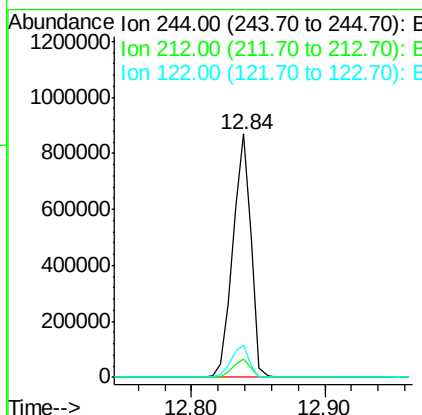
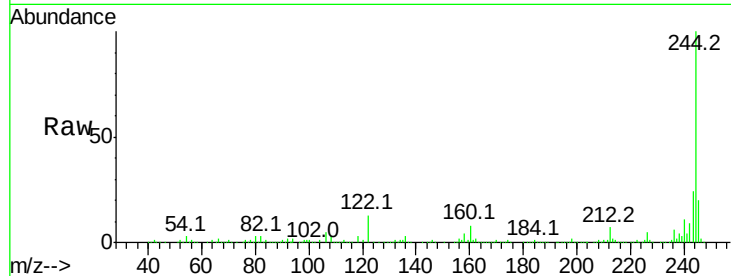




#78
 Terphenyl-d14
 Concen: 63.298 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098140.D
 Acq: 30 Aug 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.5	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: BF098140.D
 Acq: 30 Aug 2017 6:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.2	25.8

