

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098334.D
 Acq On : 8 Sep 2017 00:50
 Operator : SJ/JU
 Sample : I5071-17 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Quant Time: Sep 08 04:08:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108898	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	415373	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182149	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	337118	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	254805	20.00	ng	-0.02
86) Perylene-d12	15.26	264	181514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	120879	16.88	ng	-0.02
7) Phenol-d6	6.33	99	171943	17.68	ng	-0.02
23) Nitrobenzene-d5	7.25	82	93270	12.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23150	14.65	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	172213	13.89	ng	-0.02
78) Terphenyl-d14	12.79	244	138872	11.37	ng	-0.02

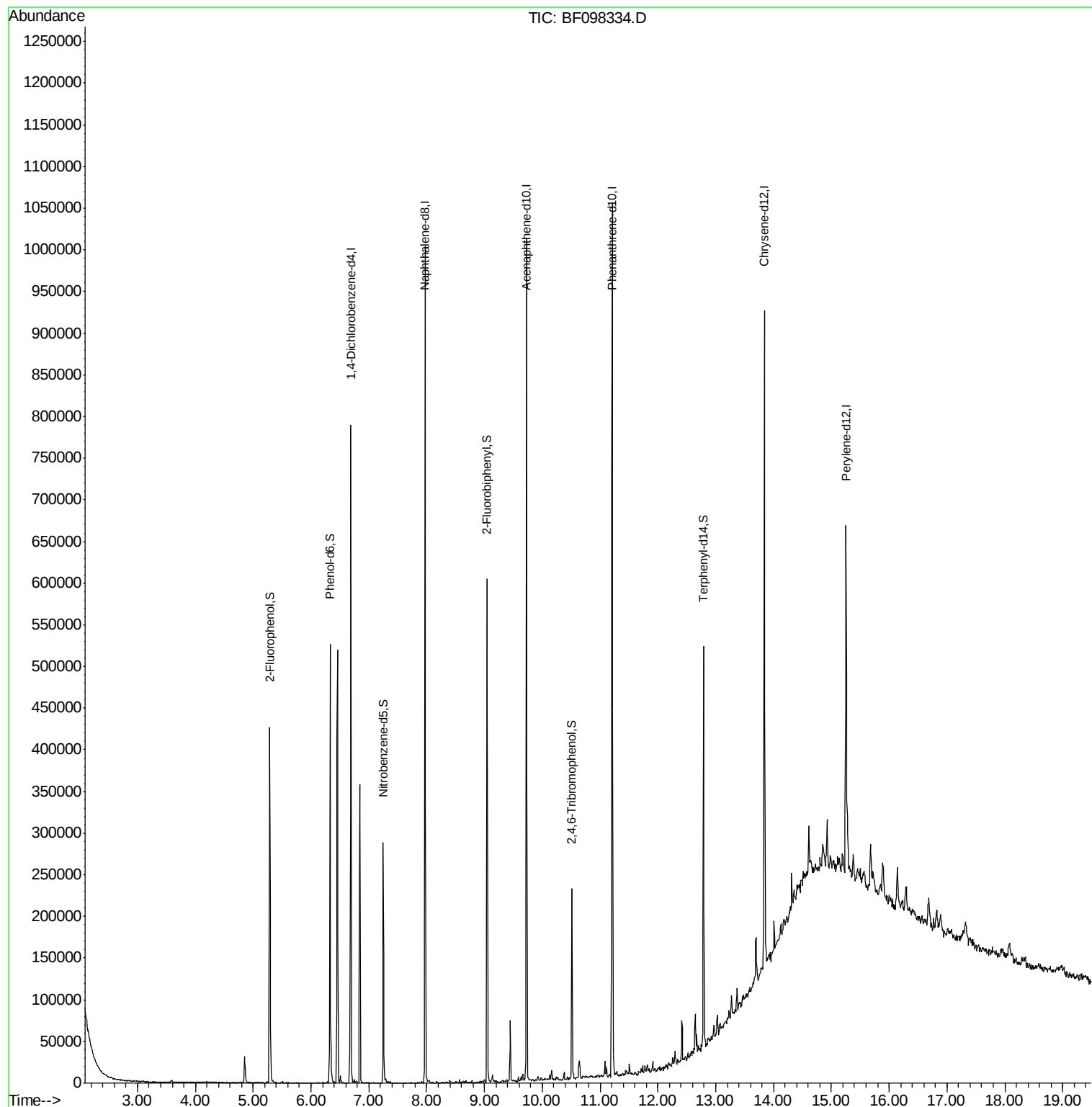
Target Compounds Qvalue

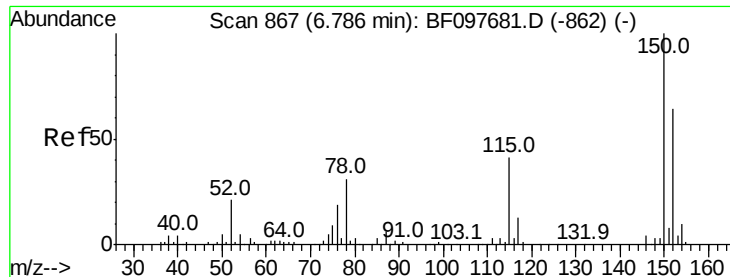
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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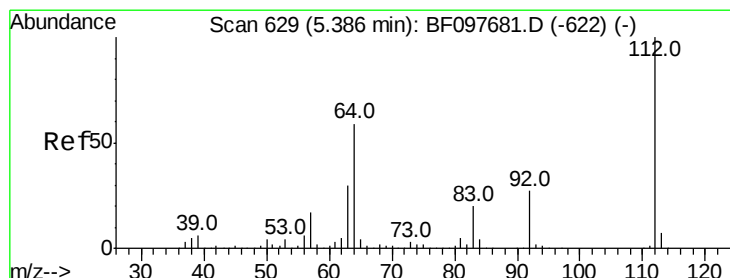
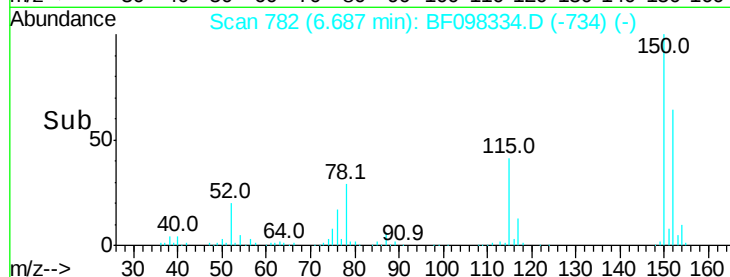
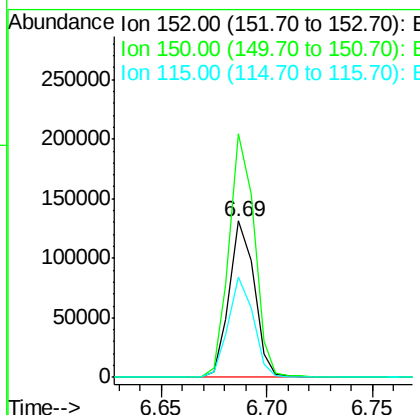
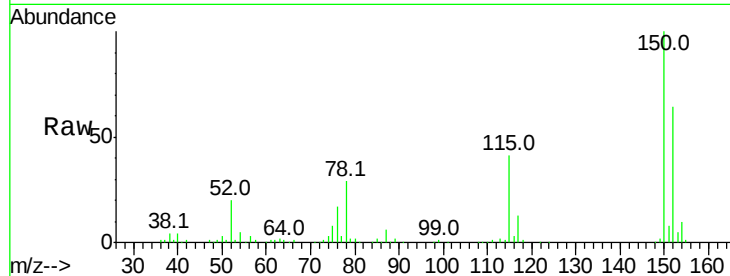


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

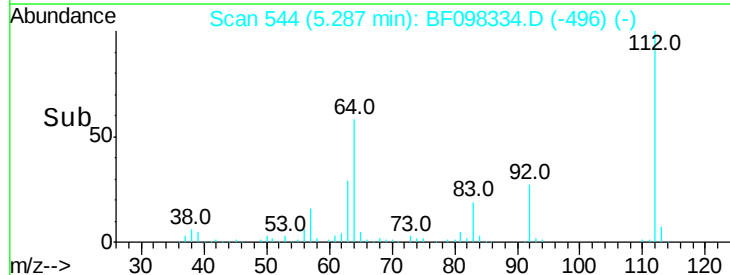
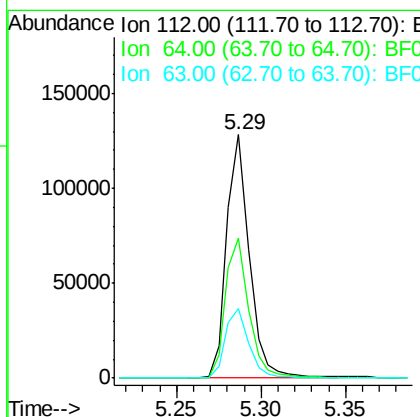
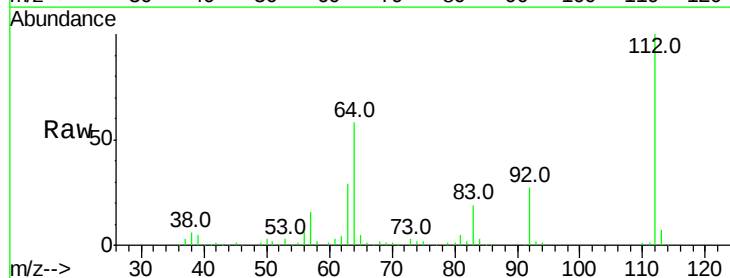
Tot Ion:152 Resp: 108898
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 64.4 52.2 78.2



#5

2-Fluorophenol
 Concen: 16.884 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion:112 Resp: 120879
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.0 69.0
 63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 17.676 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Instrument :

BNA_F

ClientSampled :

G57A-0-1.5

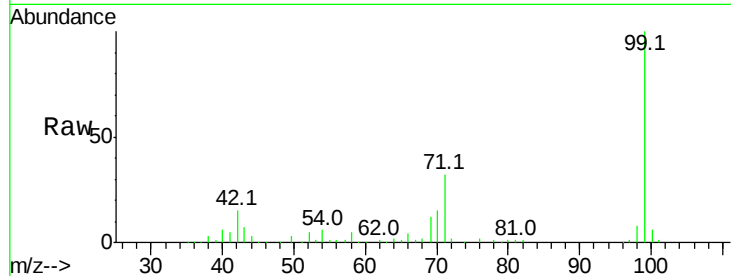
Tot Ion: 99 Resp: 171943

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

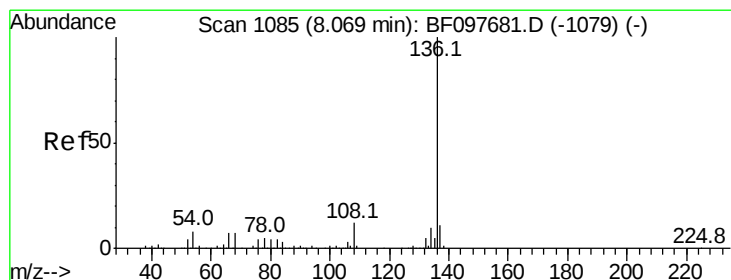
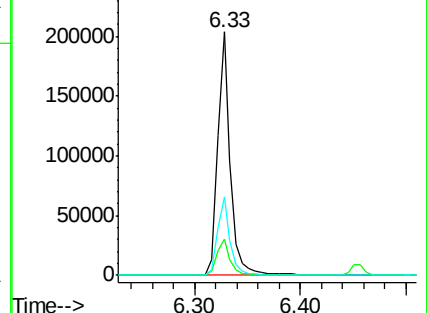
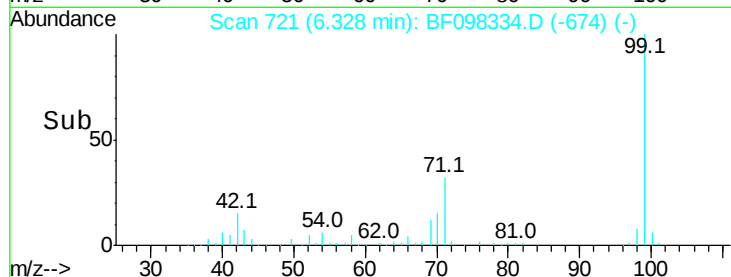
71 32.0 24.5 36.7



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Tgt Ion: 136 Resp: 415373

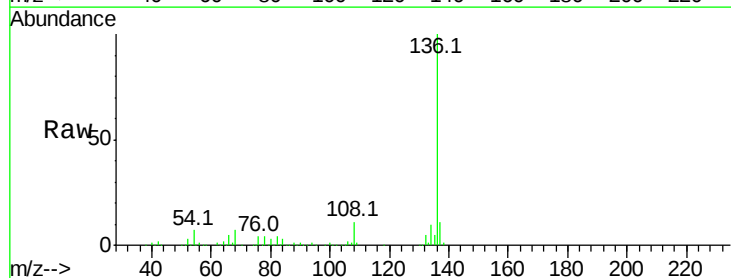
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 7.2 4.1 6.1#

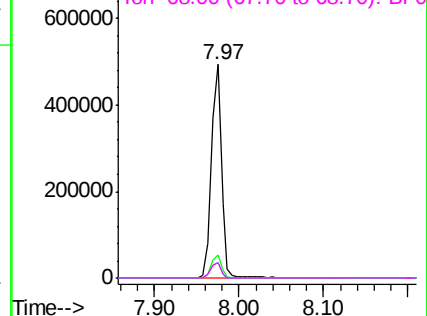
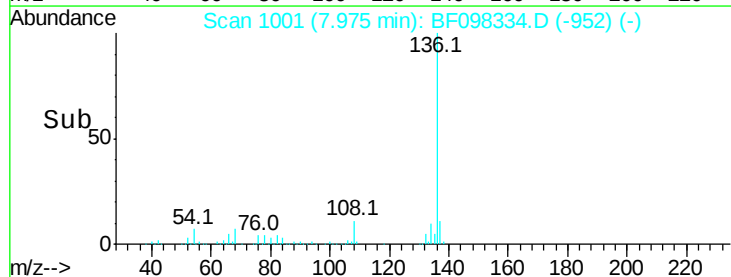


Abundance Ion 136.00 (135.70 to 136.70): E

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

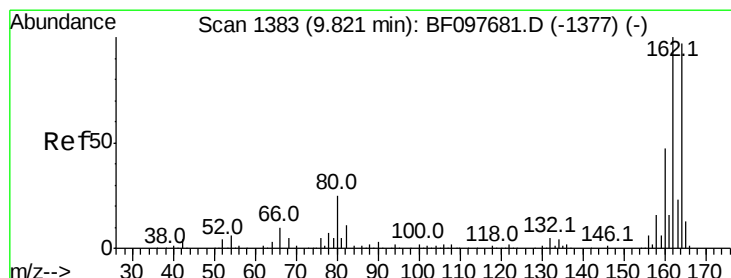
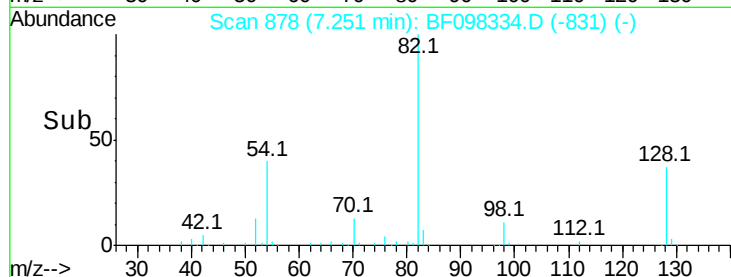
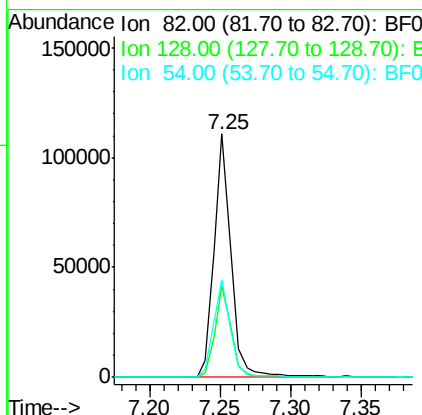
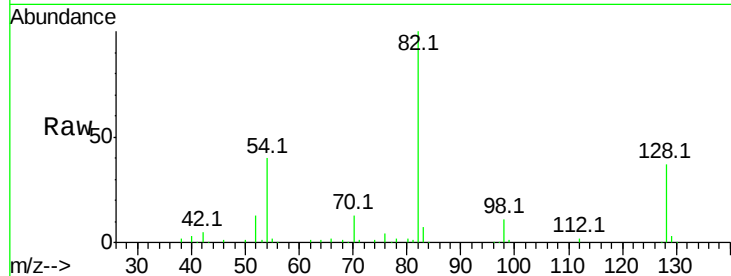




#23
 Nitrobenzene-d5
 Concen: 12.198 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

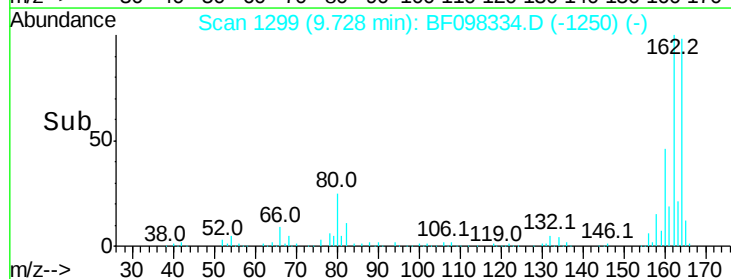
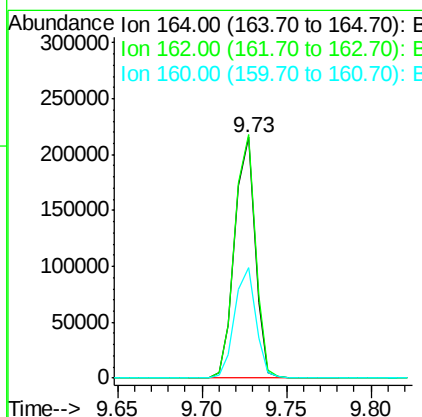
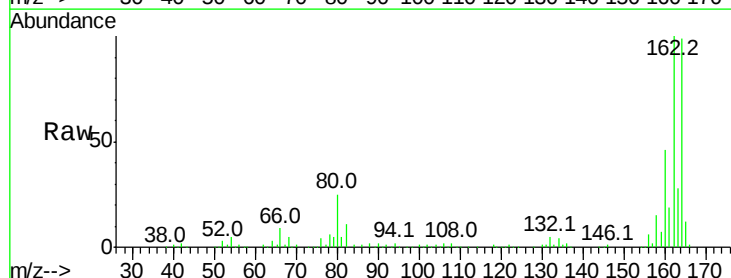
Instrument :
 BNA_F
 ClientSampled :
 G57A-0-1.5

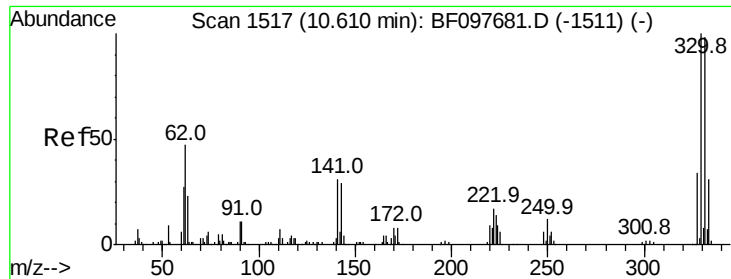
Tot Ion: 82 Resp: 93270
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.0 51.0
 54 39.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion:164 Resp: 182149
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 46.0 36.2 54.2

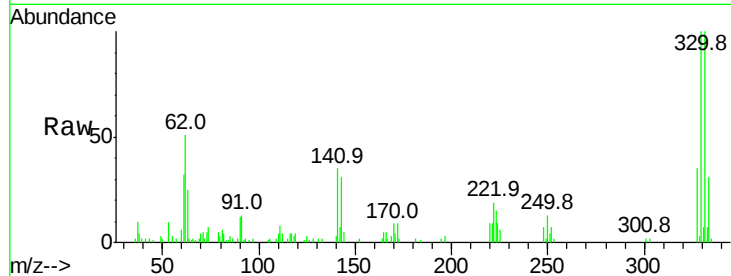




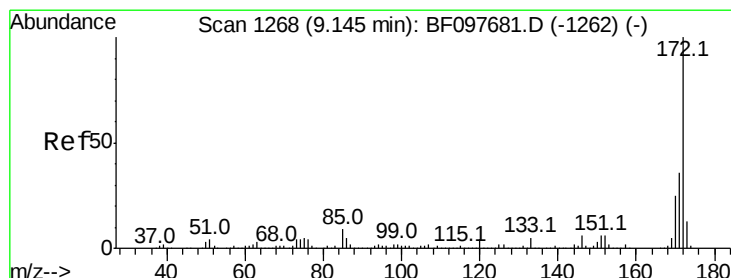
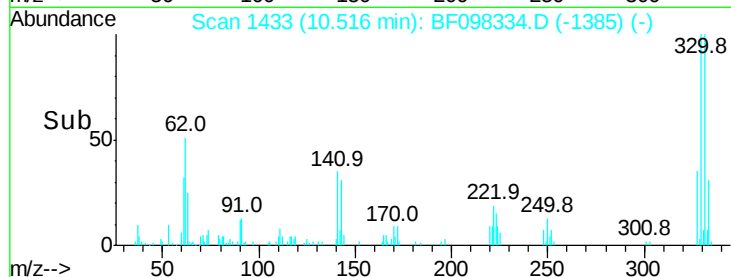
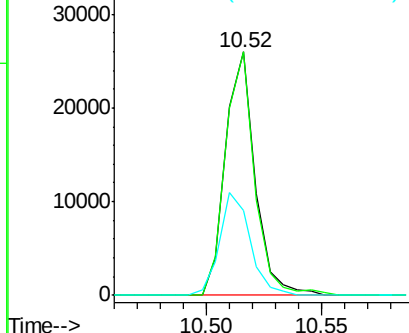
#41
 2,4,6-Tribromophenol
 Concen: 14.648 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	43.7	31.4	47.2

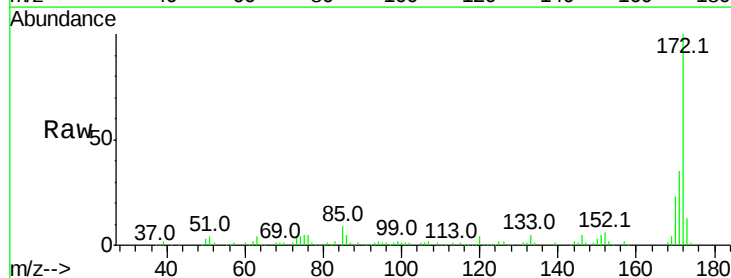


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

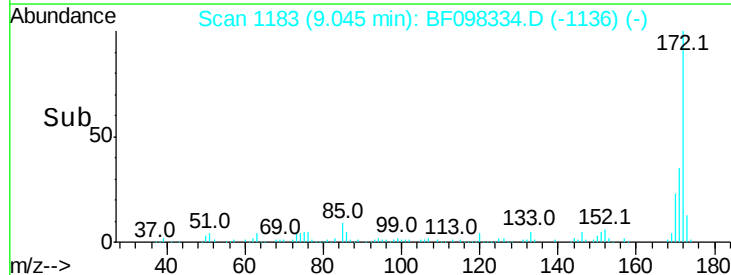
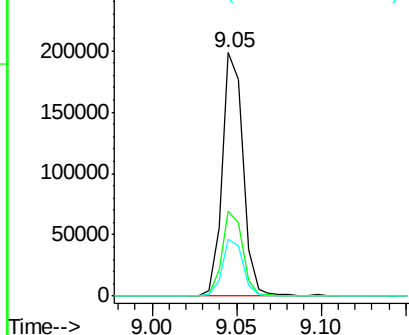


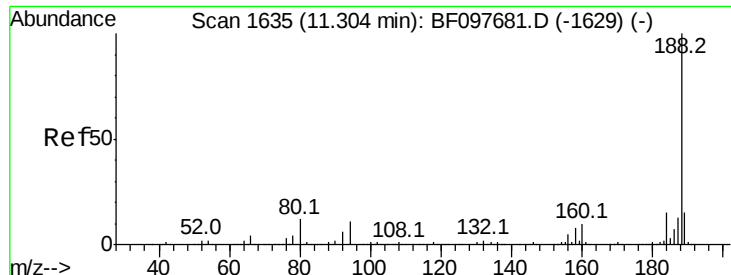
#44
 2-Fluorobiphenyl
 Concen: 13.891 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.1	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

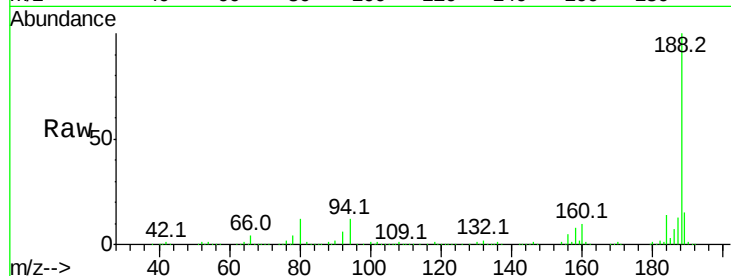




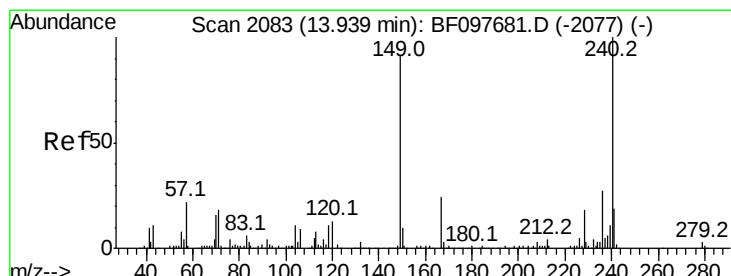
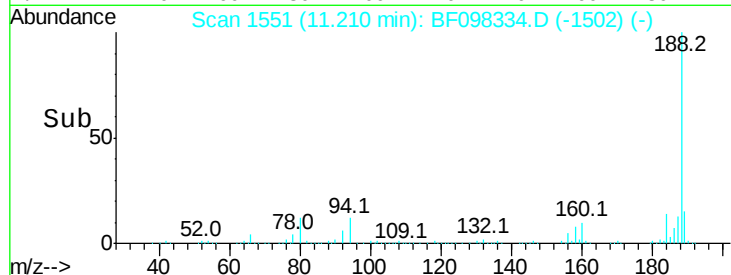
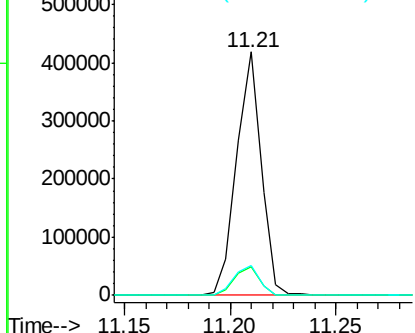
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098334.D
Acq: 8 Sep 2017 00:50

Instrument :
BNA_F
ClientSampled :
G57A-0-1.5

Tot Ion:188 Resp: 337118
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.3 10.2 15.2

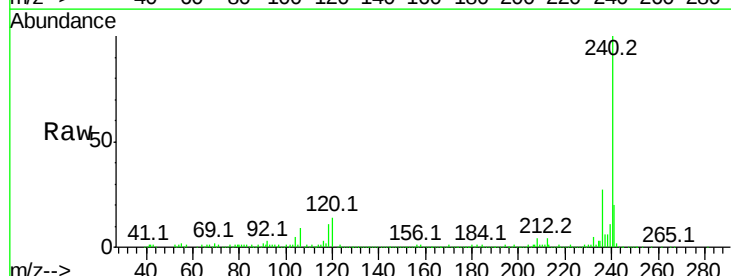


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

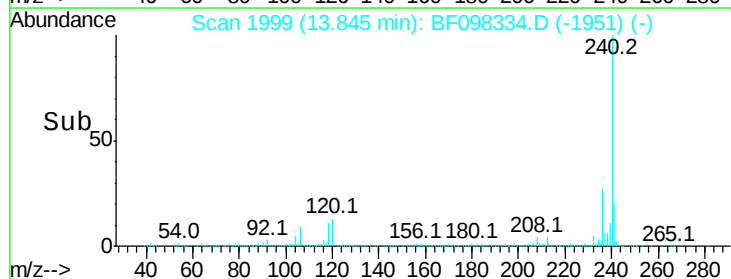
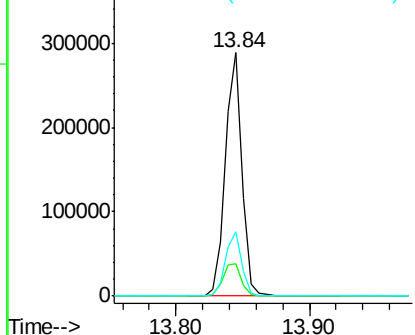


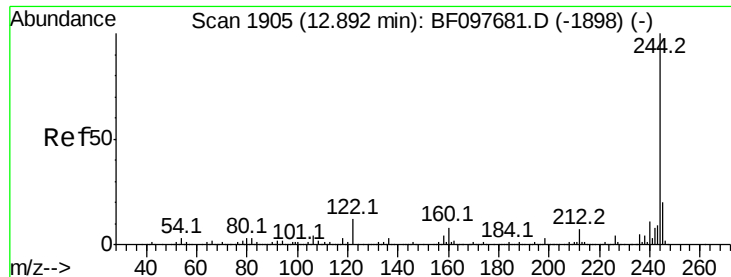
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098334.D
Acq: 8 Sep 2017 00:50

Tgt Ion:240 Resp: 254805
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.7 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: 11.365 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Instrument :

BNA_F

ClientSampleId :

G57A-0-1.5

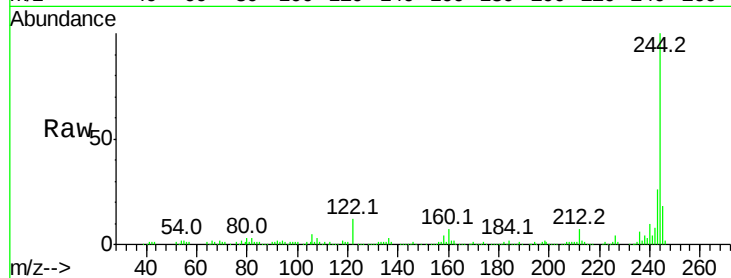
Tot Ion:244 Resp: 138872

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

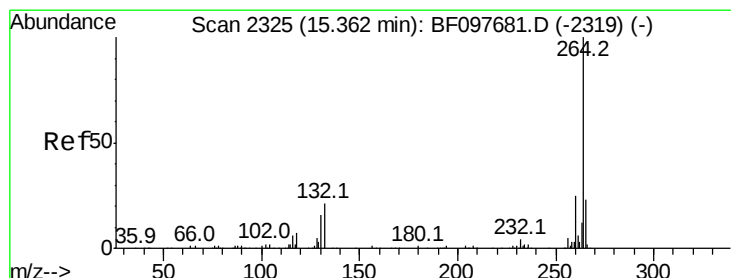
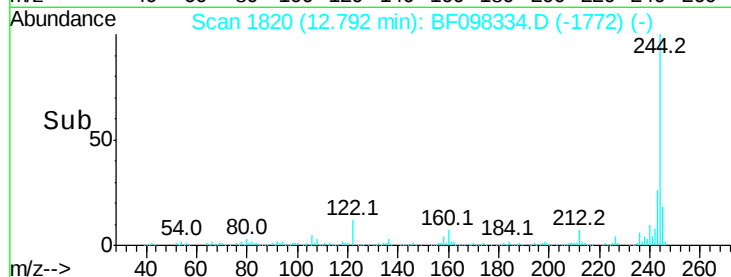
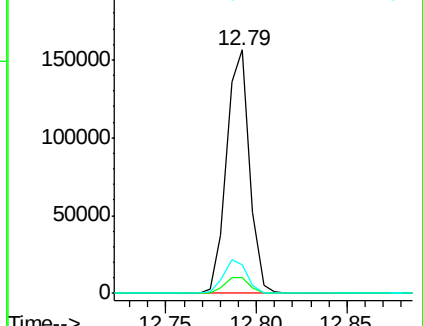
122 11.6 10.3 15.5



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: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

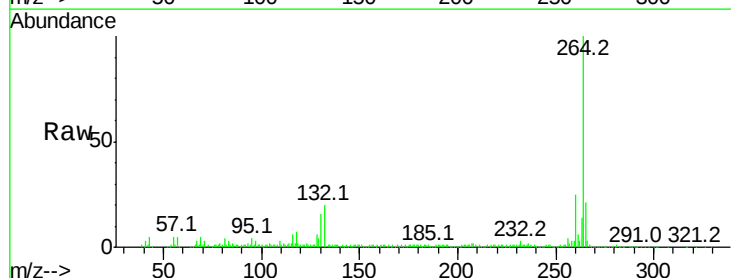
Tgt Ion:264 Resp: 181514

Ion Ratio Lower Upper

264 100

260 25.1 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

