

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095434.D
 Acq On : 25 May 2017 20:55
 Operator : SJ/MA
 Sample : I3200-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-34-20170517

Quant Time: May 26 02:56:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

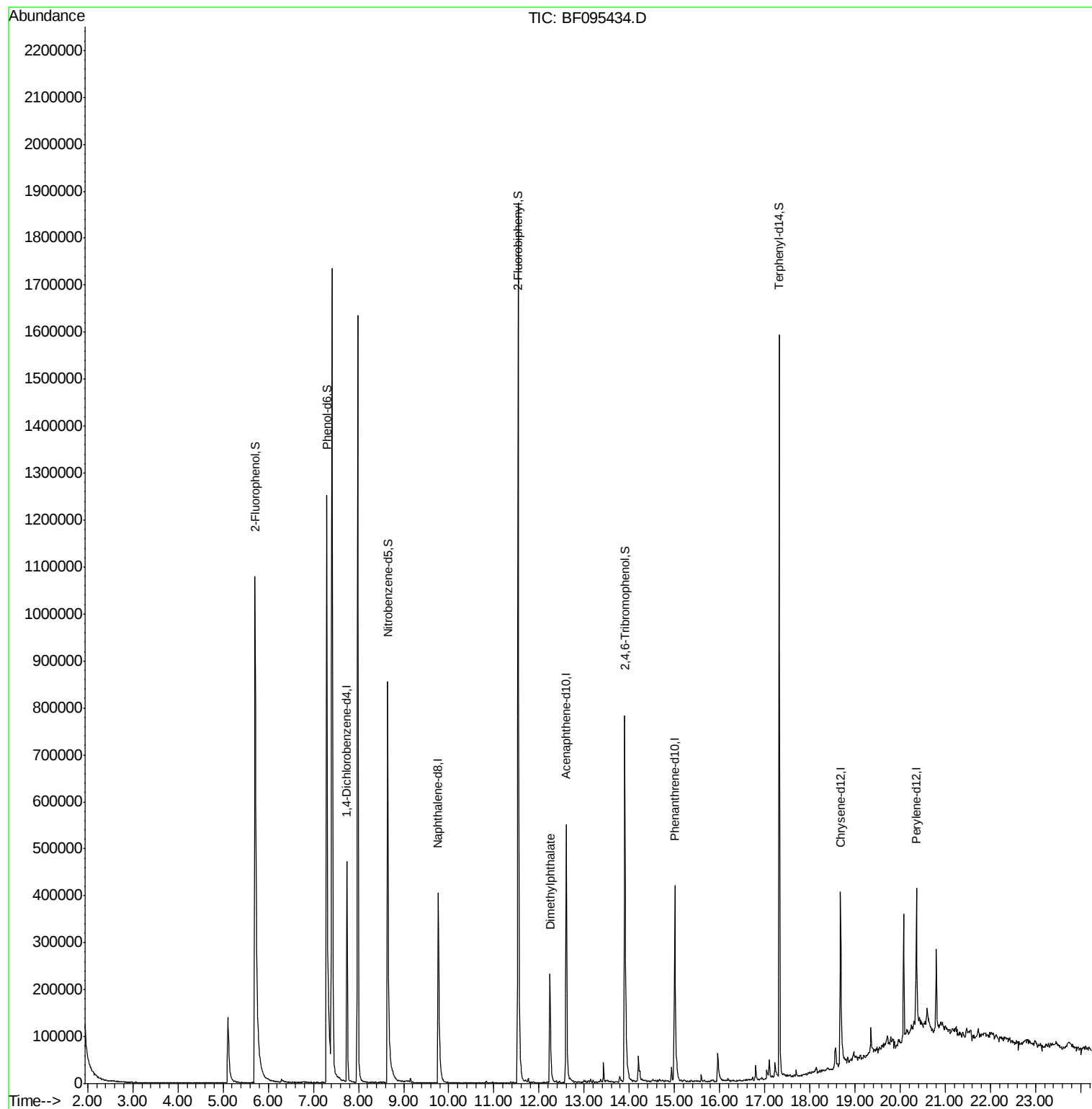
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	107411	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	427821	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	187541	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	282790	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	199338	20.00	ng	-0.01
86) Perylene-d12	20.36	264	154246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	812546	126.12	ng	-0.03
7) Phenol-d6	7.30	99	938597	121.42	ng	-0.02
23) Nitrobenzene-d5	8.65	82	548063	80.78	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	170075	110.73	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1056525	81.09	ng	-0.02
78) Terphenyl-d14	17.32	244	632916	69.93	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	195993	12.73	ng	99

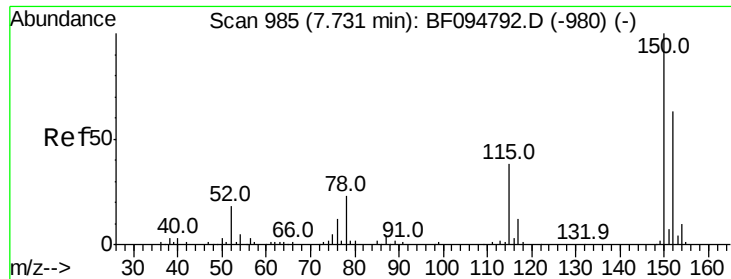
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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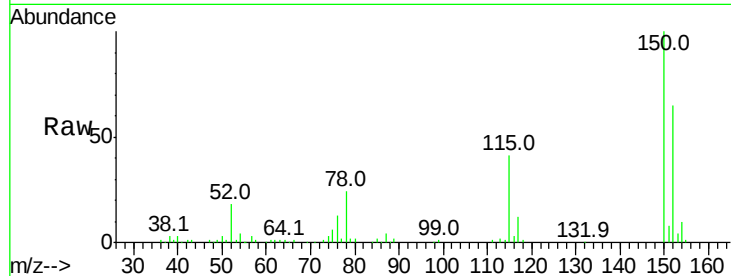


#1

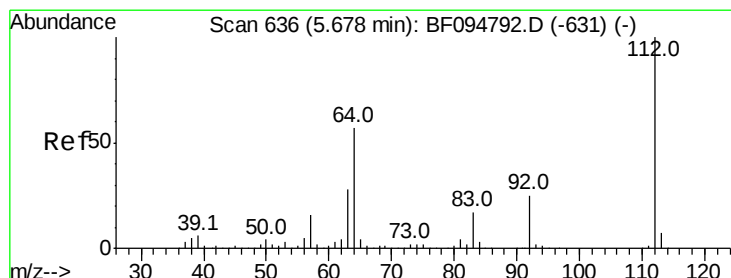
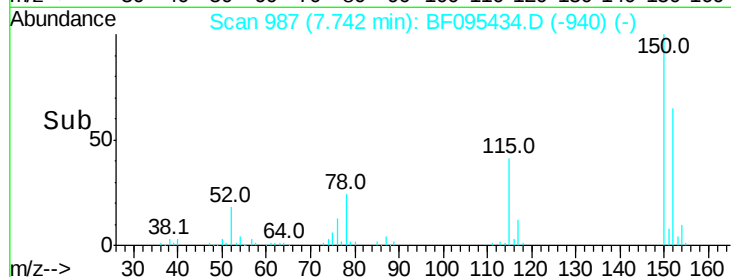
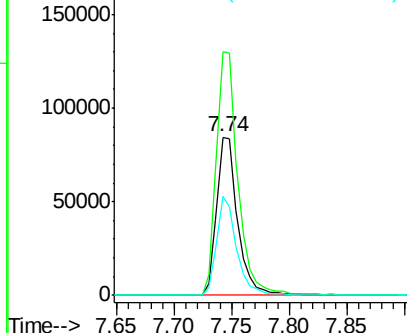
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095434.D
Acq: 25 May 2017 20:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-34-20170517

Tot Ion:152 Resp: 107411
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 62.6 52.2 78.2



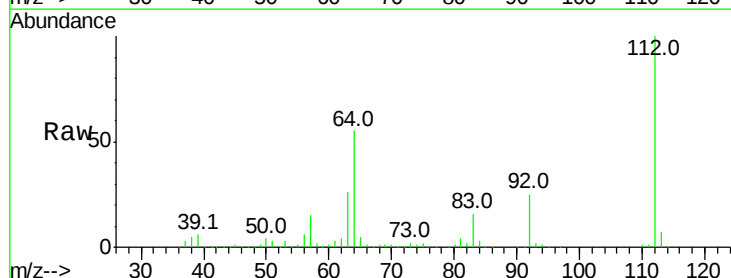
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



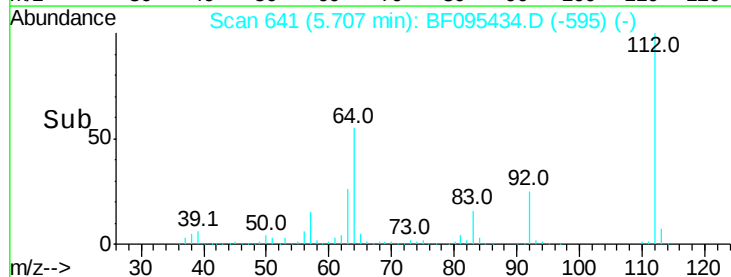
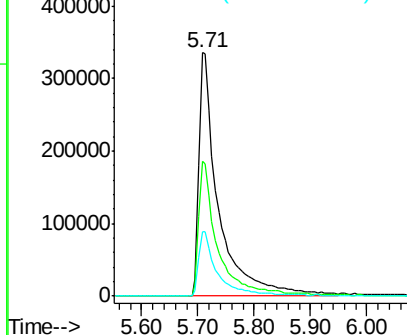
#5

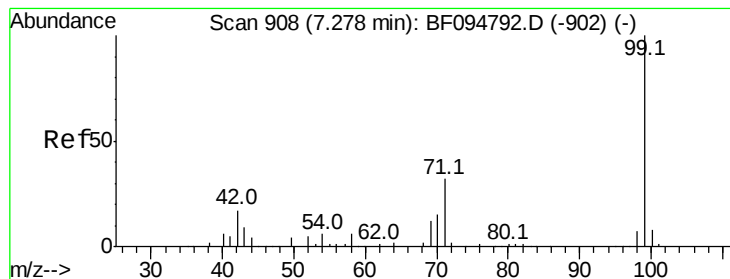
2-Fluorophenol
Concen: 126.12 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF095434.D
Acq: 25 May 2017 20:55

Tgt Ion:112 Resp: 812546
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.4 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: 121.42 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

Instrument :

BNA_F

ClientSampleId :

POST-EX-34-20170517

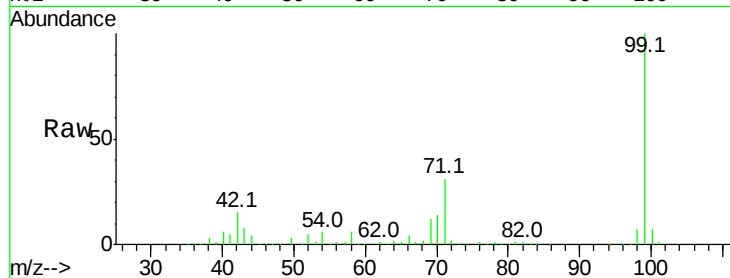
Tot Ion: 99 Resp: 938597

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

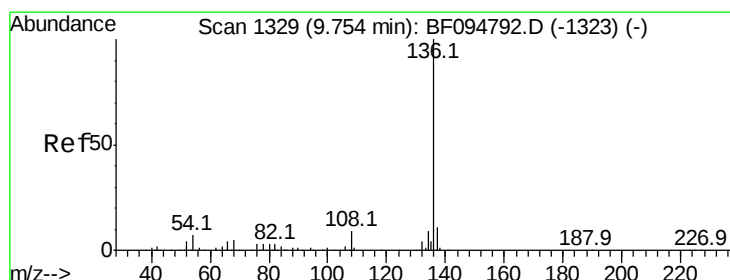
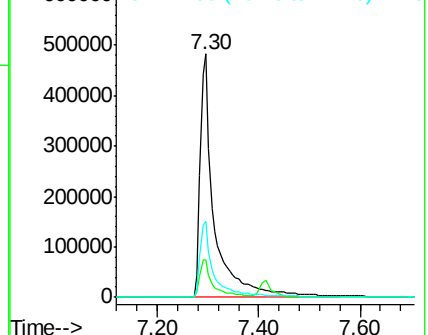
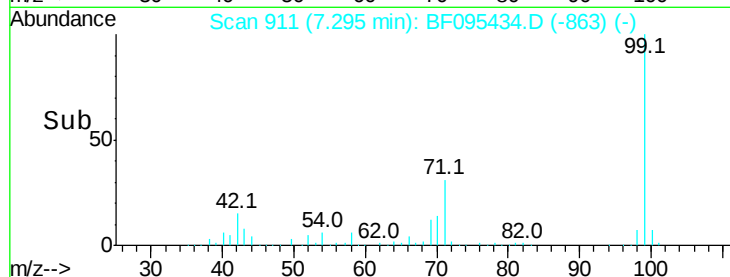
71 31.4 24.5 36.7



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: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

Tgt Ion: 136 Resp: 427821

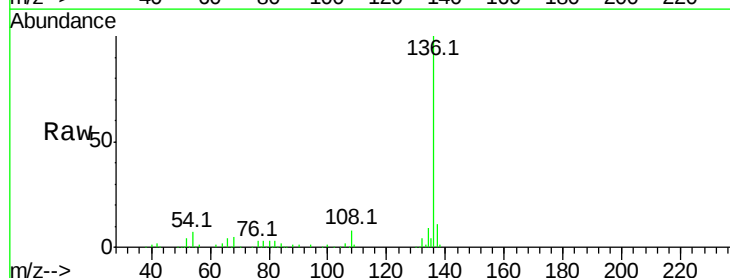
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.4 4.1 6.1

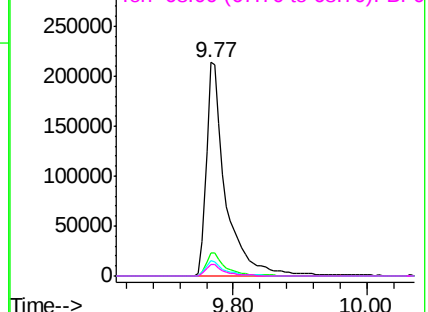
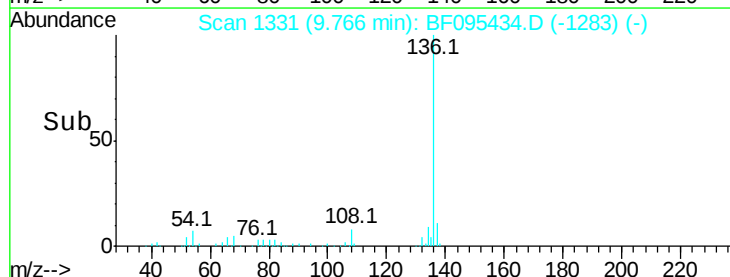


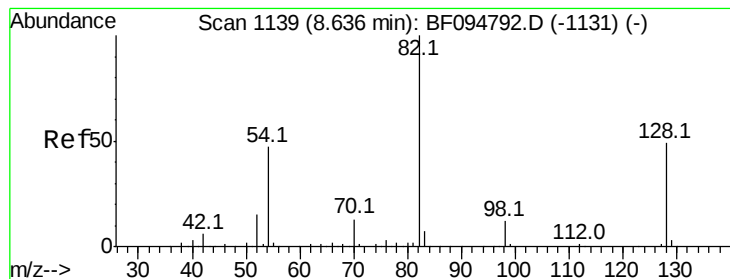
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.78 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

Instrument :

BNA_F

ClientSampleId :

POST-EX-34-20170517

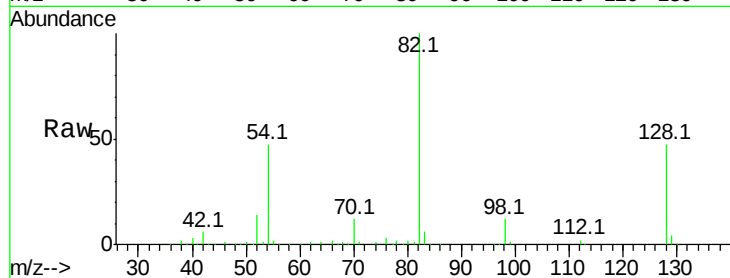
Tot Ion: 82 Resp: 548063

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

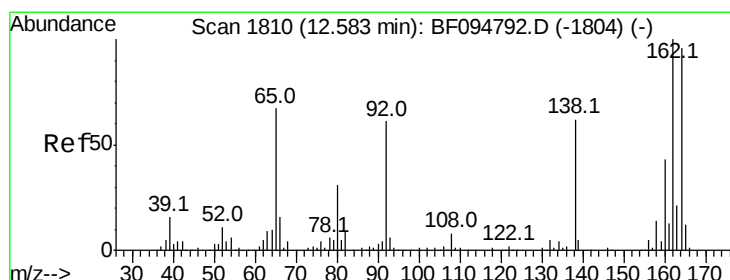
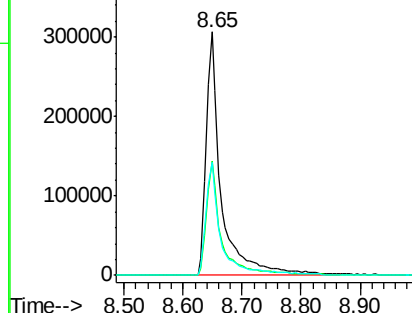
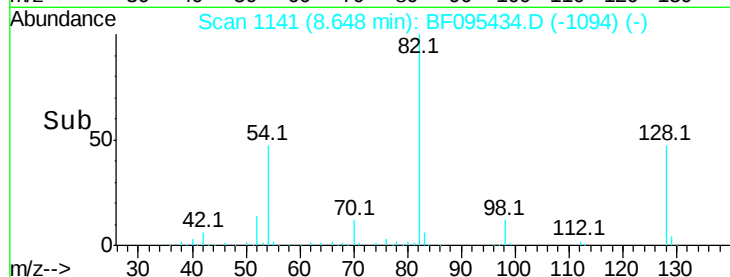
54 46.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

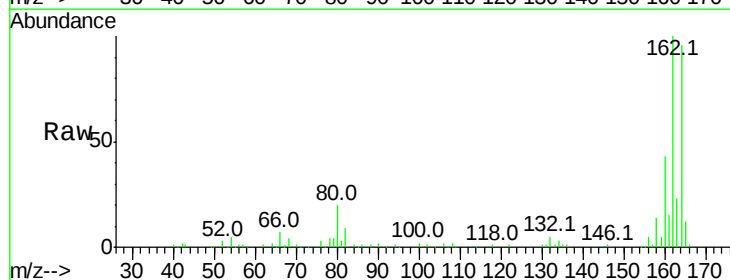
Tgt Ion:164 Resp: 187541

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

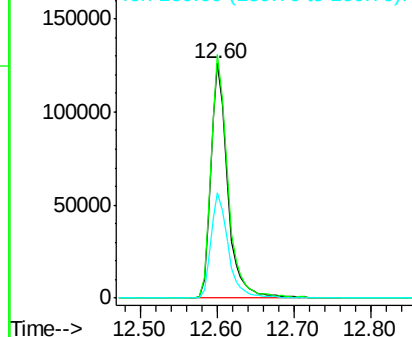
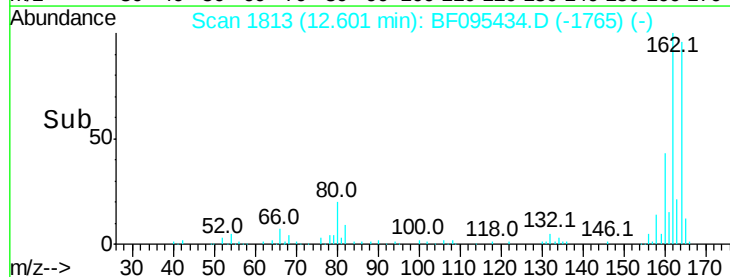
160 44.8 36.2 54.2

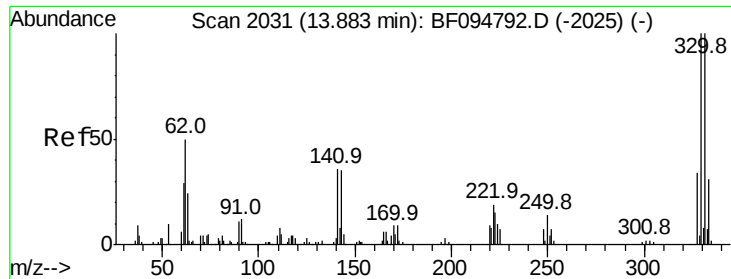


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

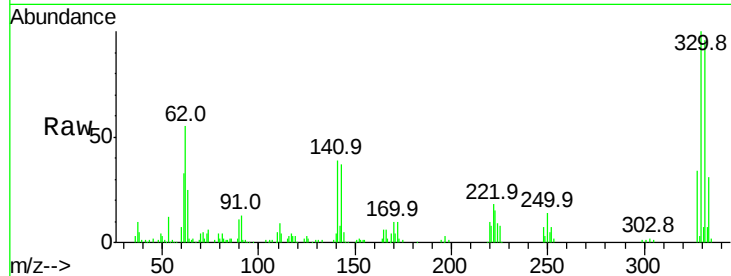




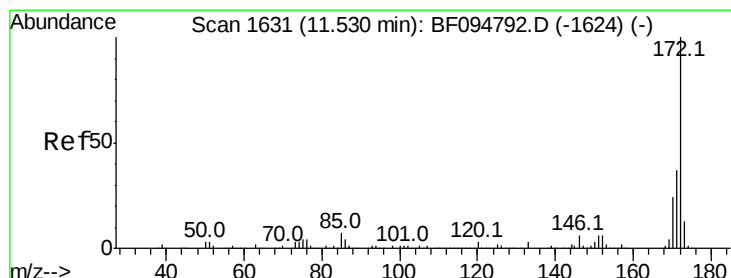
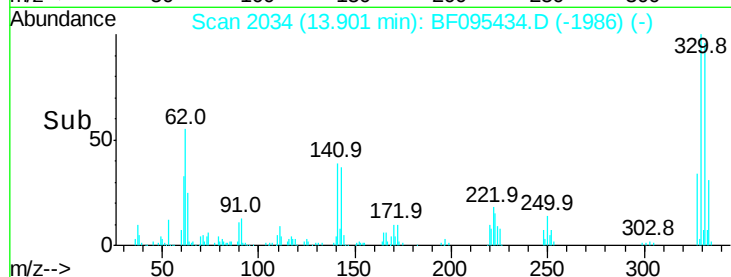
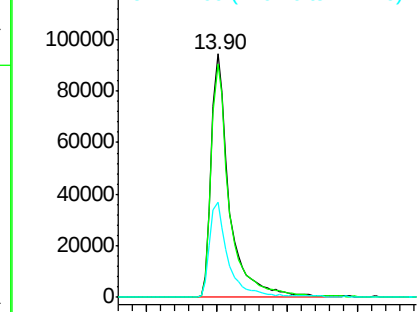
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095434.D
 Acq: 25 May 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-34-20170517

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.0	31.4	47.2

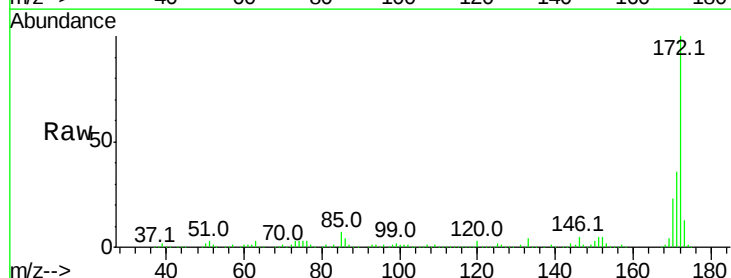


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

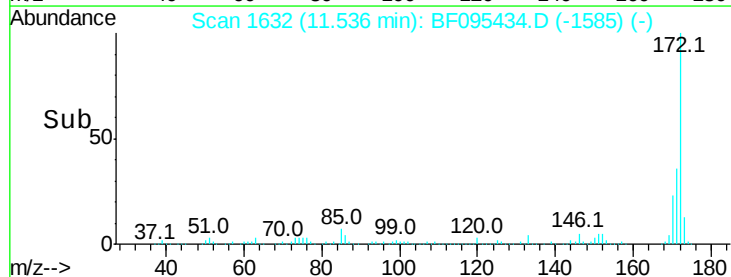
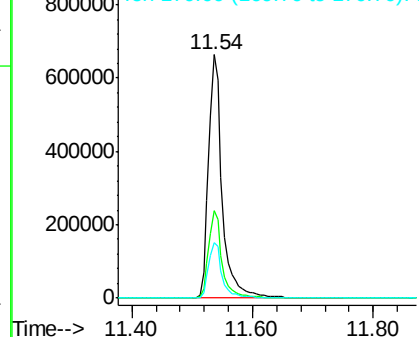


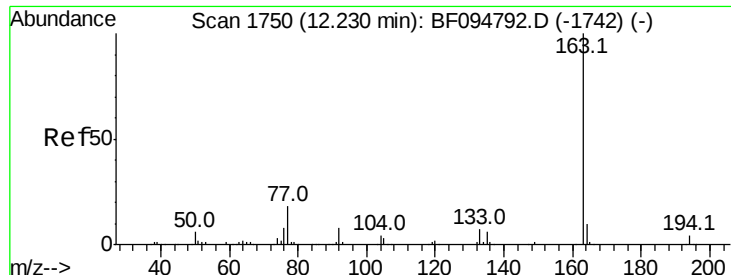
#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095434.D
 Acq: 25 May 2017 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.0	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





#49

Dimethylphthalate

Concen: 12.73 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

Instrument :

BNA_F

ClientSampleId :

POST-EX-34-20170517

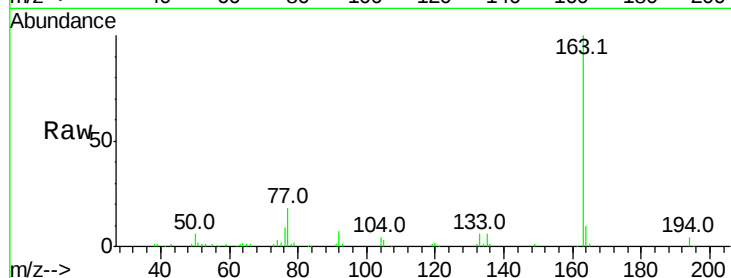
Tot Ion:163 Resp: 195993

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

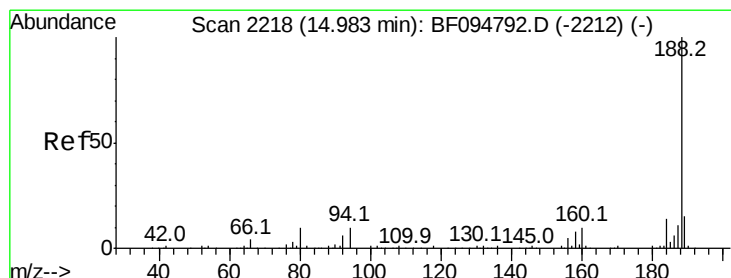
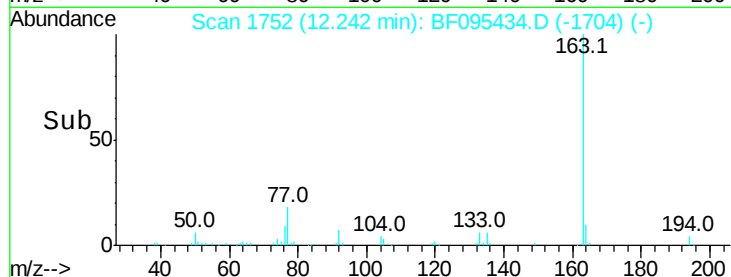
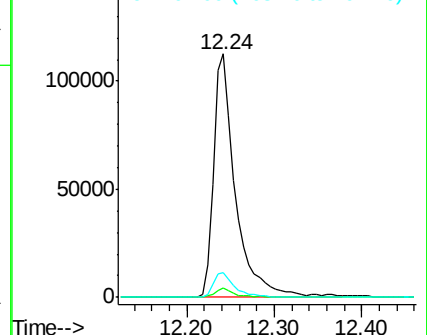
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

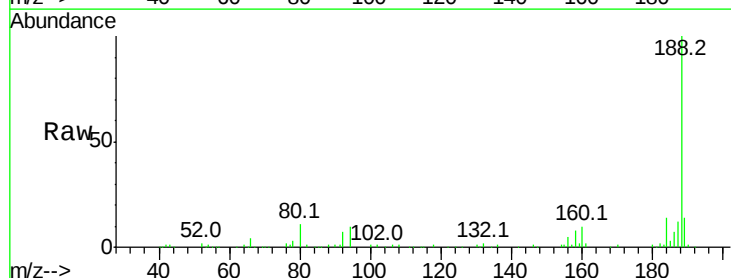
Tgt Ion:188 Resp: 282790

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

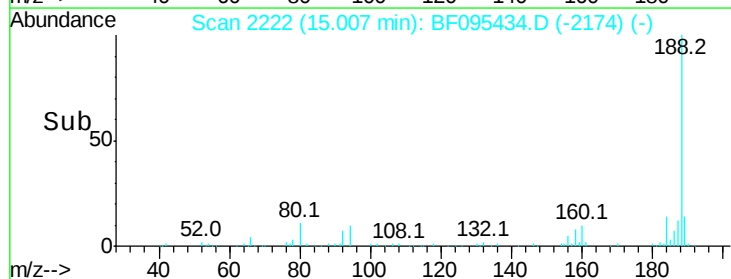
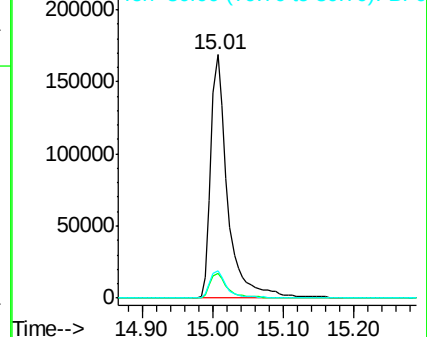
80 11.4 10.2 15.2

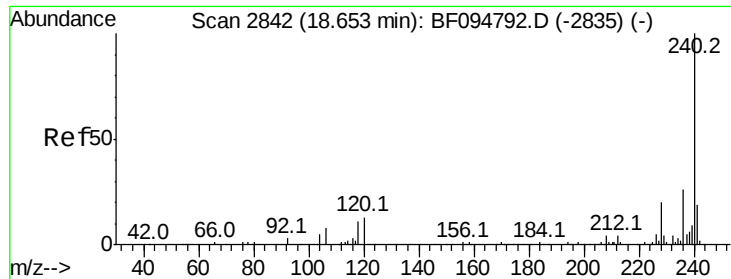


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

Instrument :

BNA_F

ClientSampleId :

POST-EX-34-20170517

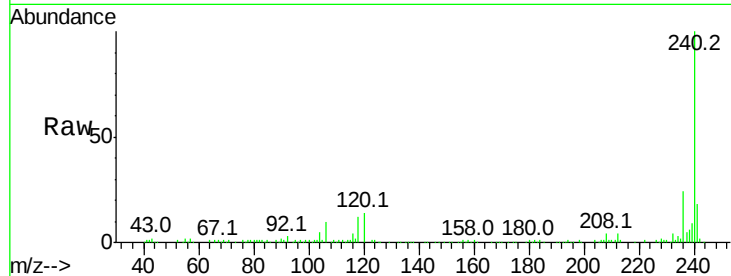
Tot Ion:240 Resp: 199338

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

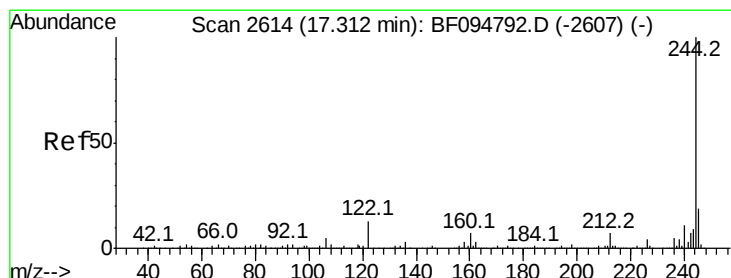
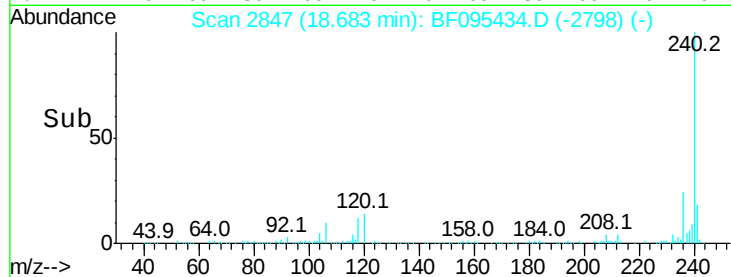
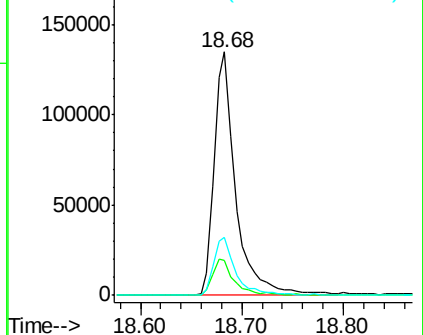
236 24.0 20.5 30.7



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: 69.93 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095434.D

Acq: 25 May 2017 20:55

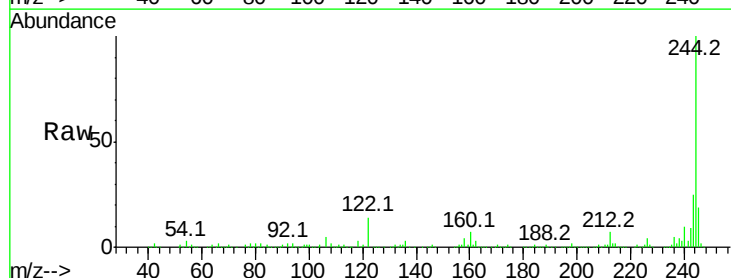
Tgt Ion:244 Resp: 632916

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

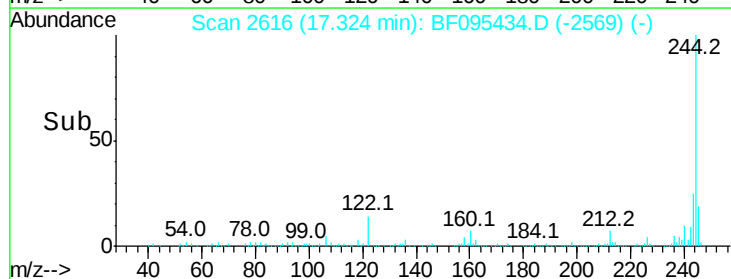
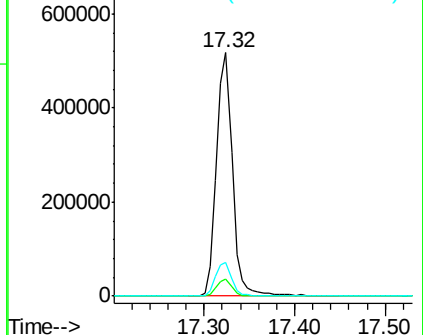
122 13.8 10.3 15.5

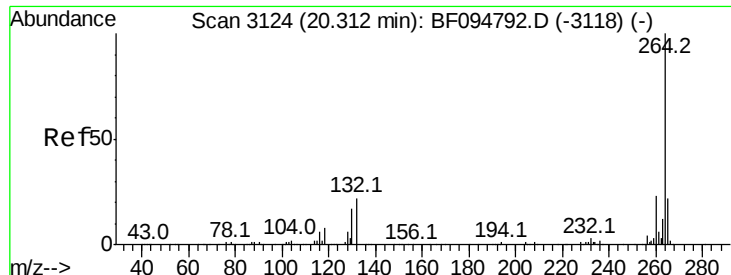


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

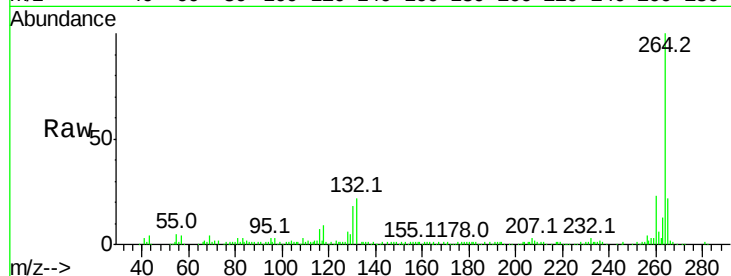




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095434.D
Acq: 25 May 2017 20:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-34-20170517

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	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

