

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095126.D
 Acq On : 15 May 2017 15:28
 Operator : SJ/MA
 Sample : PB98943BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98943BL

Quant Time: May 16 07:19:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84216	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	369736	20.00	ng	0.05
38) Acenaphthene-d10	12.62	164	157494	20.00	ng	0.04
63) Phenanthrene-d10	15.04	188	324495	20.00	ng	0.05
75) Chrysene-d12	18.70	240	248242	20.00	ng	0.05
86) Perylene-d12	20.38	264	195728	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	731361	144.79	ng	0.08
7) Phenol-d6	7.32	99	795198	131.20	ng	0.05
23) Nitrobenzene-d5	8.68	82	479716	81.82	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	191521	148.49	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1081030	98.80	ng	0.04
78) Terphenyl-d14	17.35	244	907616	80.53	ng	0.04

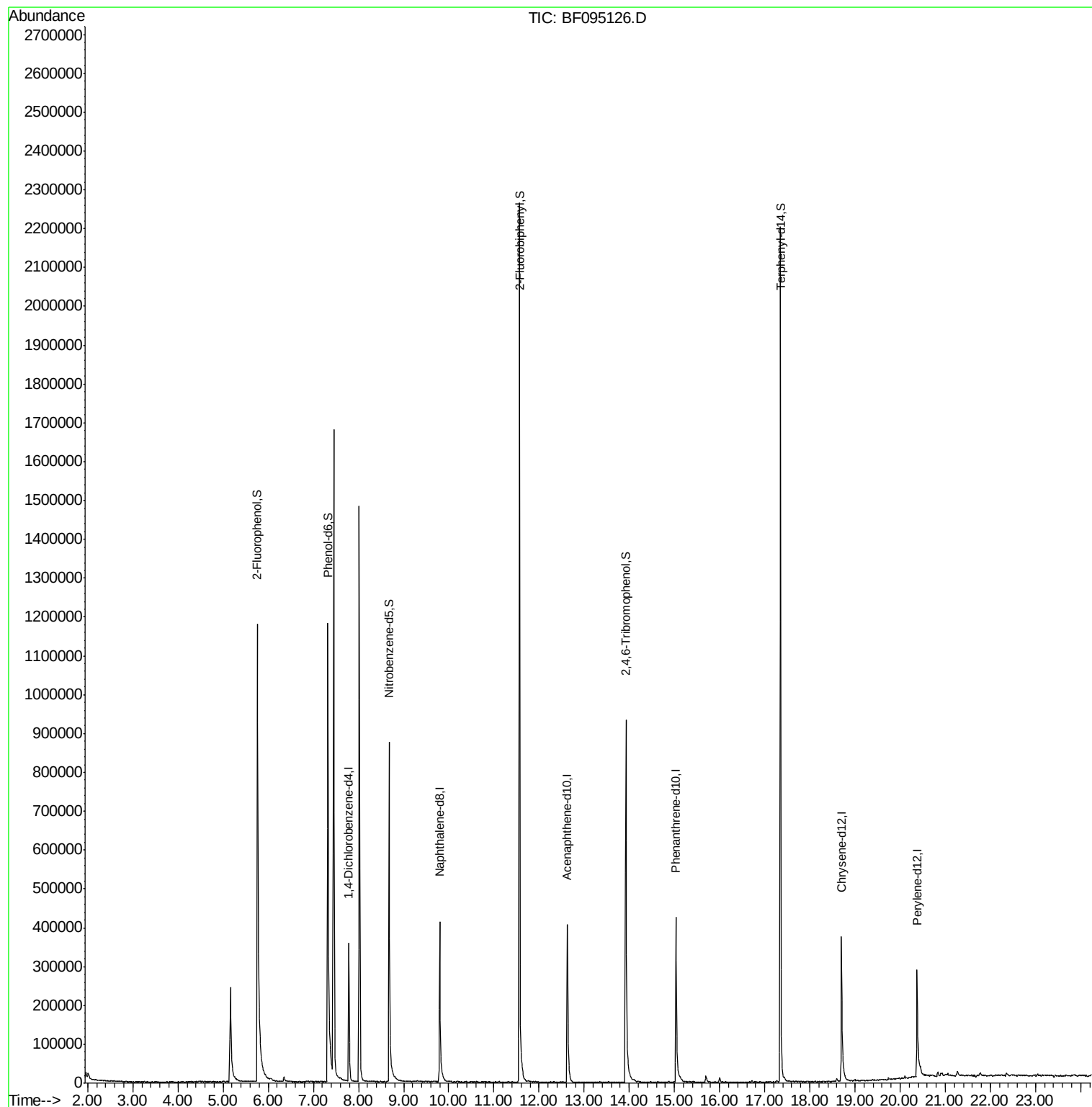
Target Compounds Qvalue

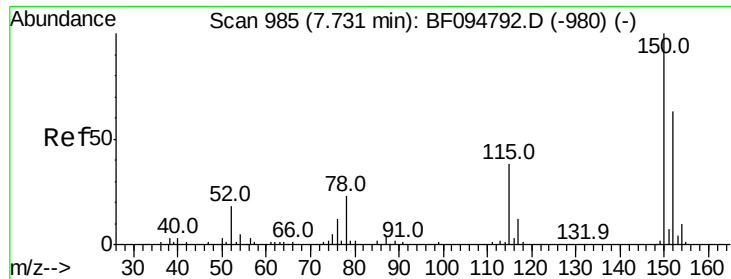
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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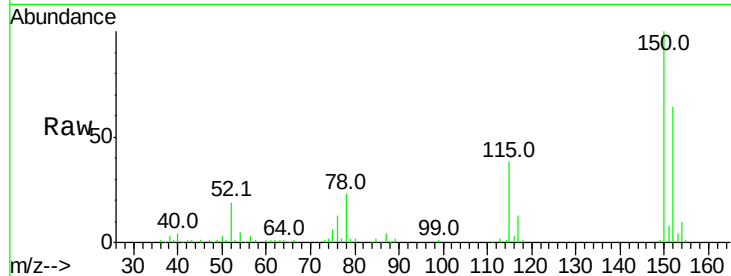


#1

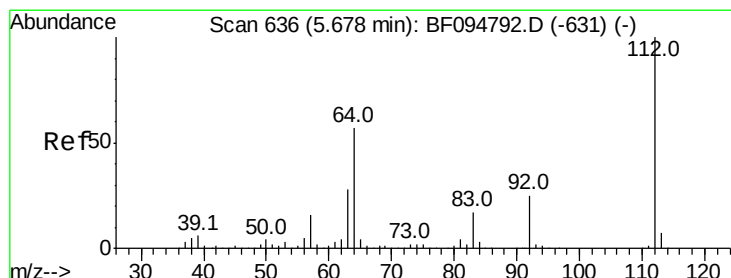
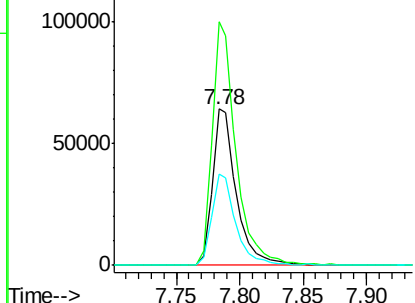
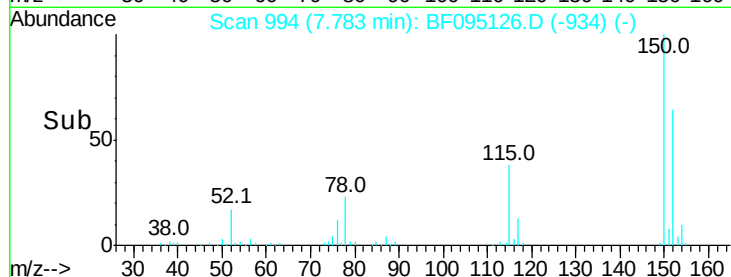
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

Instrument :
BNA_F
ClientSampleId :
PB98943BL

Tot Ion:152 Resp: 84216
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.8 52.2 78.2



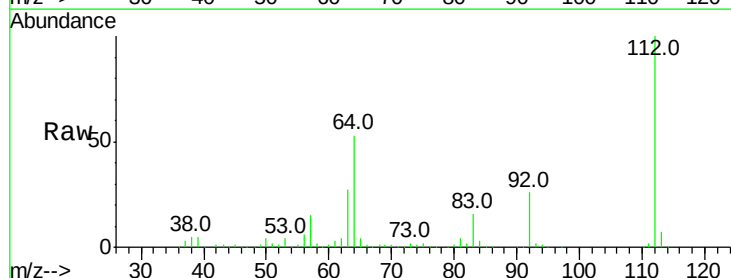
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



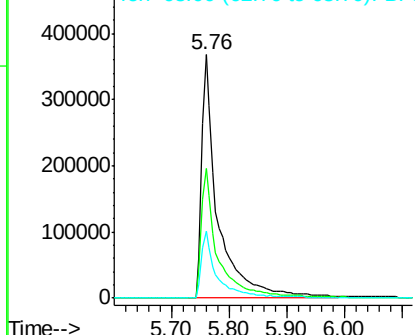
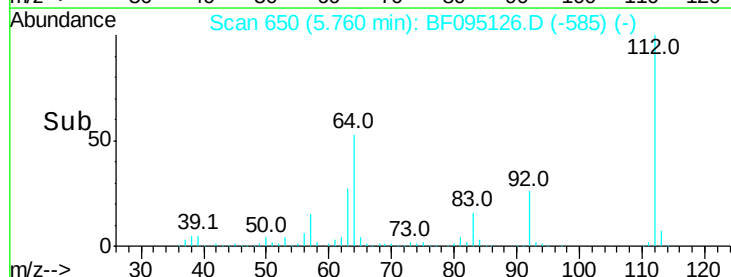
#5

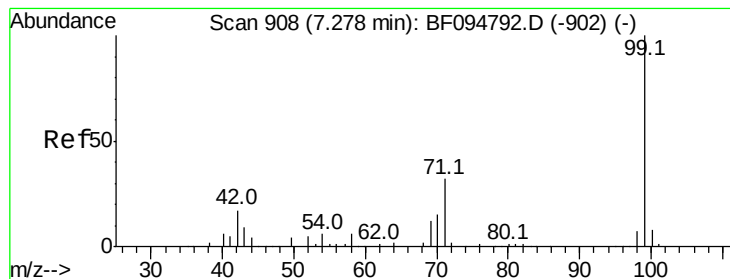
2-Fluorophenol
Concen: 144.79 ng
RT: 5.76 min Scan# 650
Delta R.T. 0.08 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

Tgt Ion:112 Resp: 731361
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 27.3 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: 131.20 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

PB98943BL

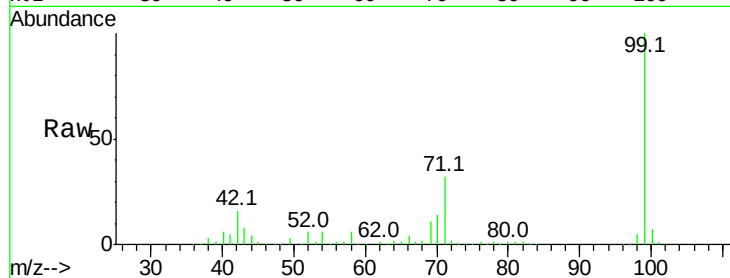
Tot Ion: 99 Resp: 795198

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

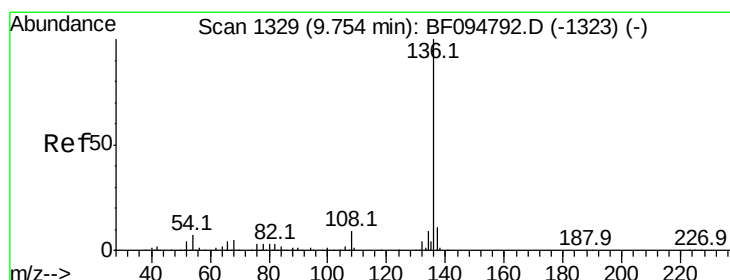
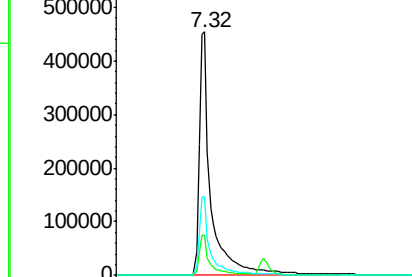
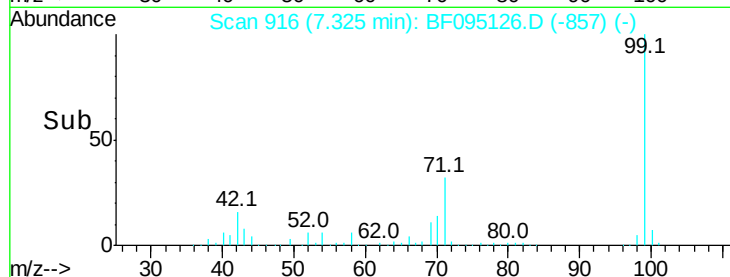
71 32.3 24.5 36.7



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: 9.80 min Scan# 1337

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

Tgt Ion: 136 Resp: 369736

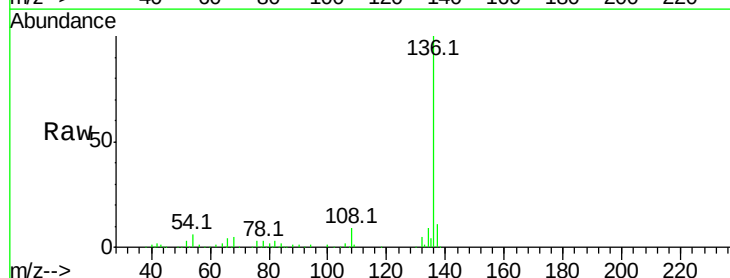
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.3 4.9 7.3

68 5.0 4.1 6.1

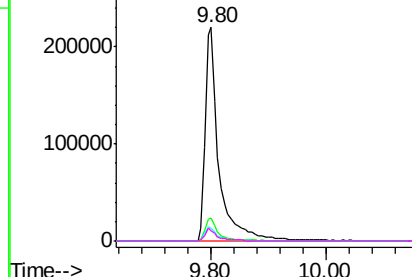
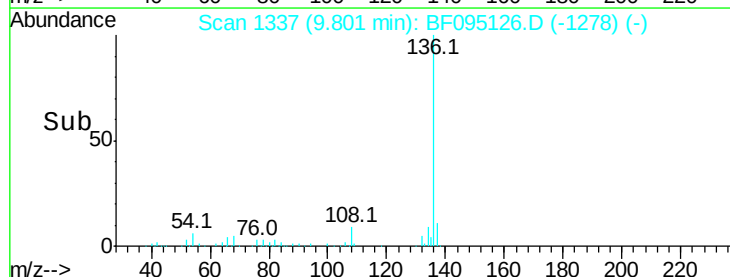


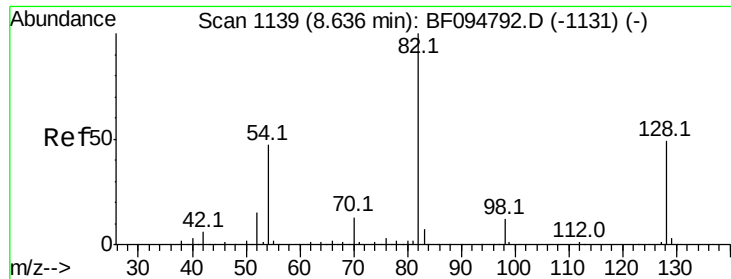
Abundance Ion 136.00 (135.70 to 136.70): E

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

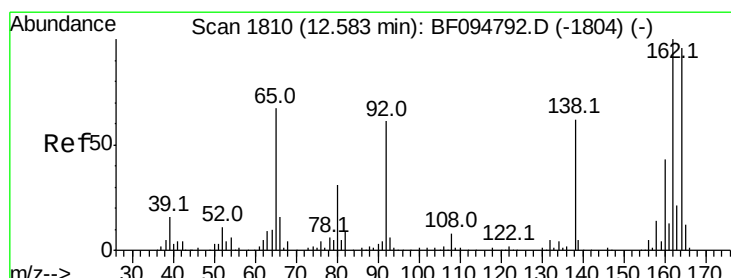
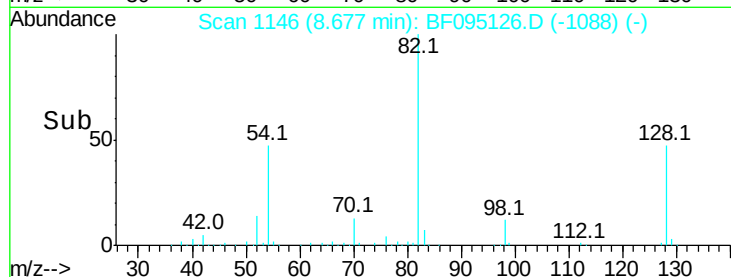
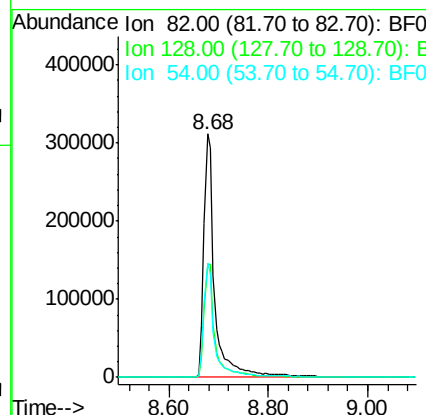
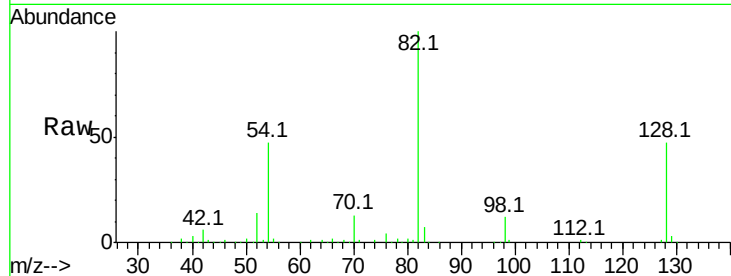




#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

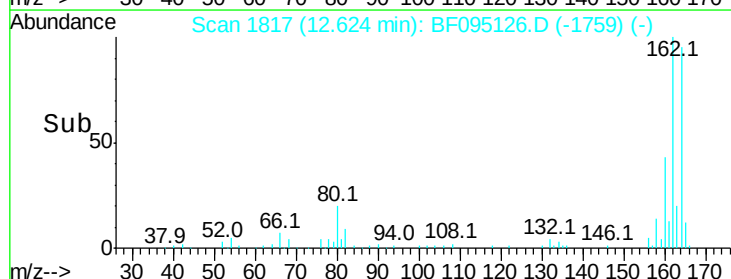
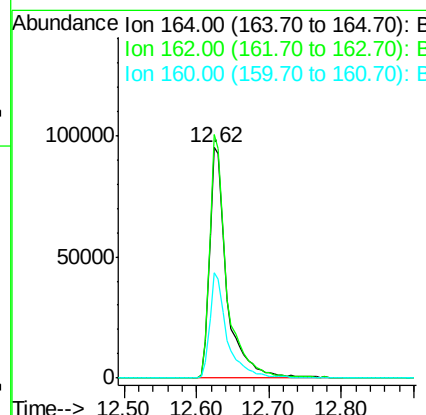
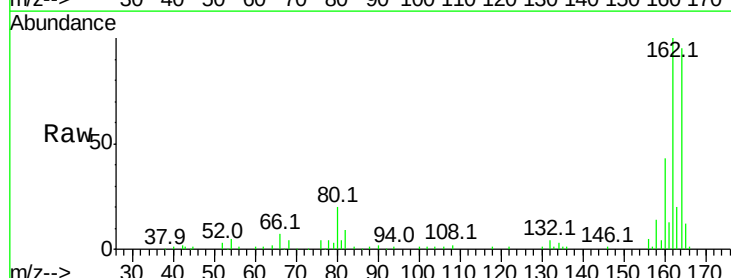
Instrument :
 BNA_F
 ClientSampleId :
 PB98943BL

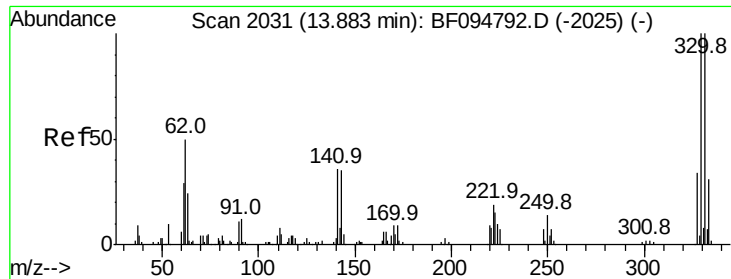
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	46.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	45.9	36.2	54.2

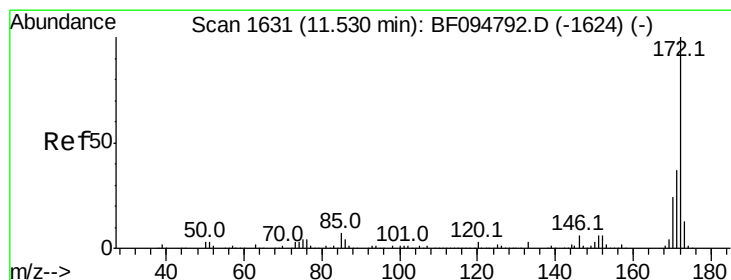
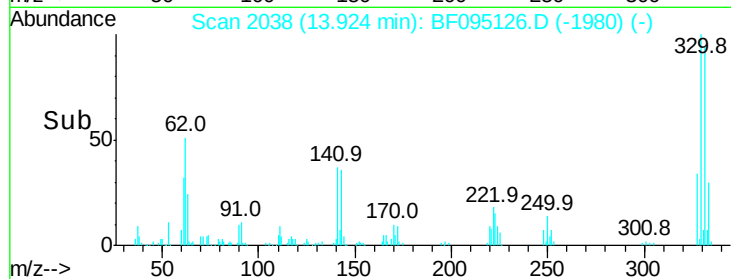
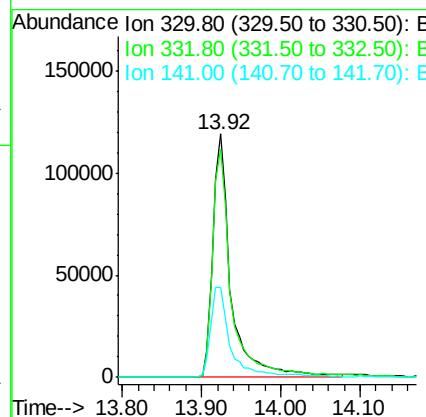
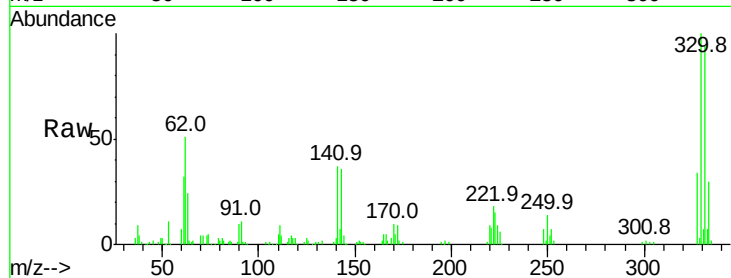




#41
 2,4,6-Tribromophenol
 Concen: 148.49 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

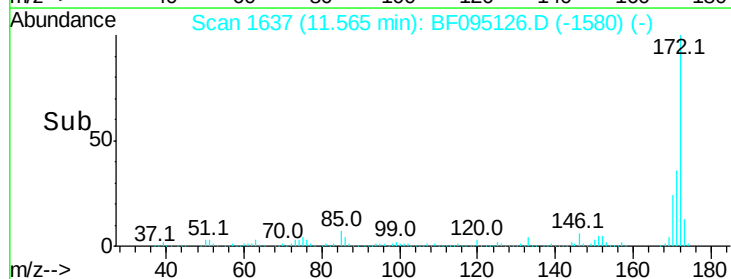
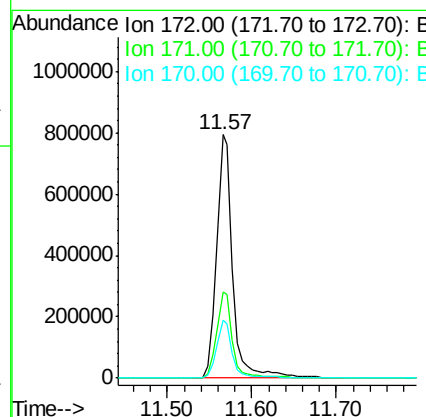
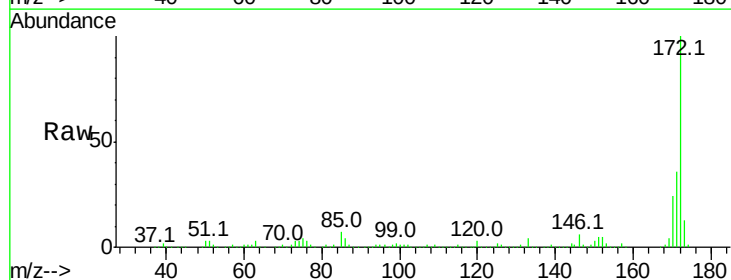
Instrument :
 BNA_F
 ClientSampleId :
 PB98943BL

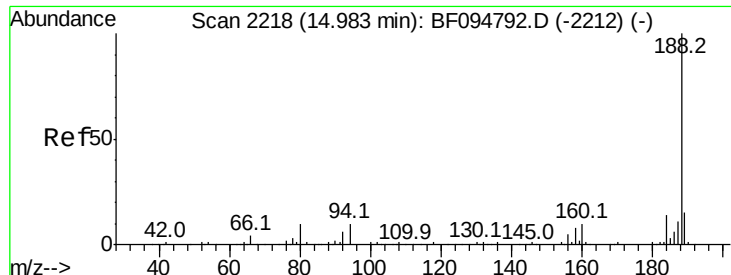
Tot Ion:330 Resp: 191521
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 98.80 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion:172 Resp: 1081030
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 2227

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

PB98943BL

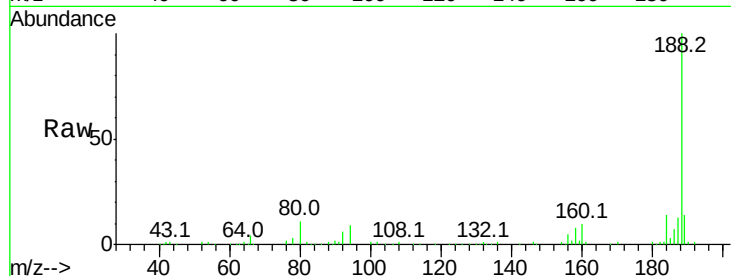
Tot Ion:188 Resp: 324495

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

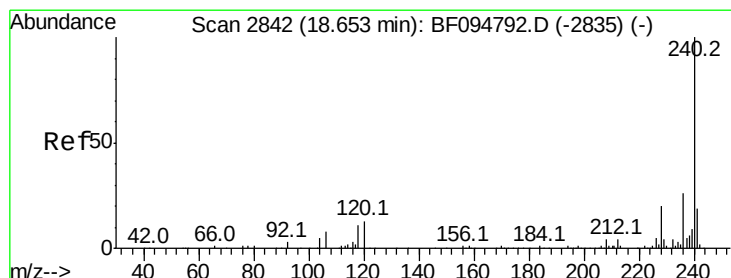
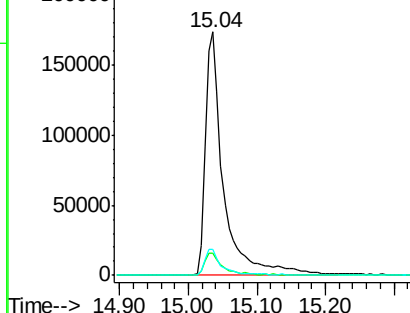
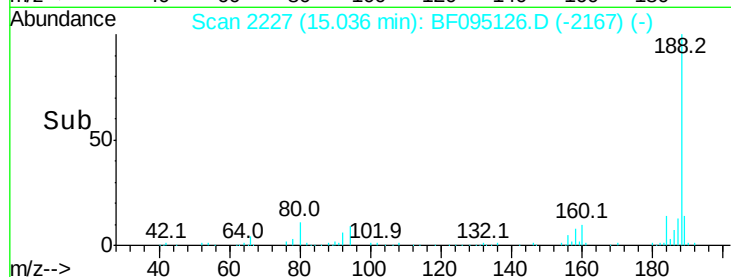
80 10.8 10.2 15.2



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: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

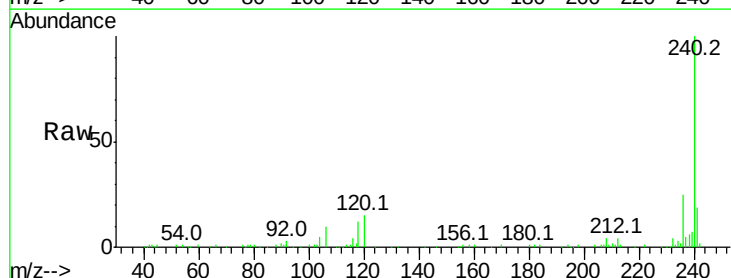
Tgt Ion:240 Resp: 248242

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

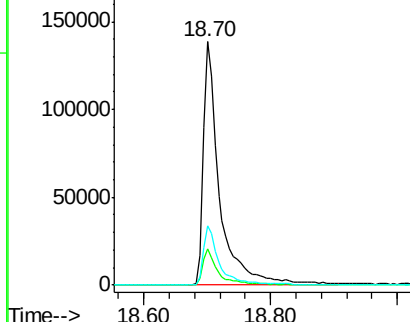
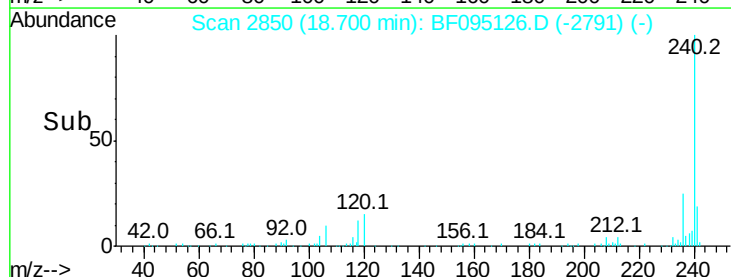
236 24.5 20.5 30.7

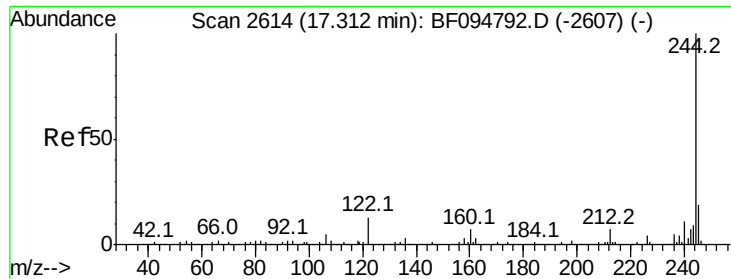


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

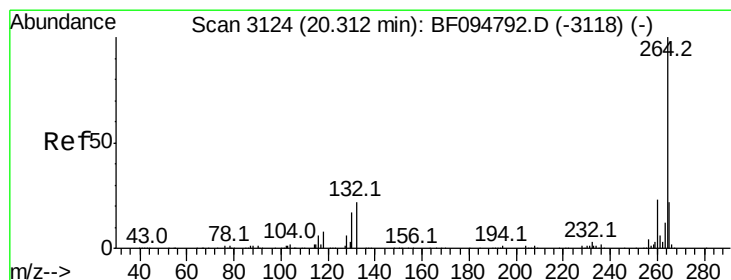
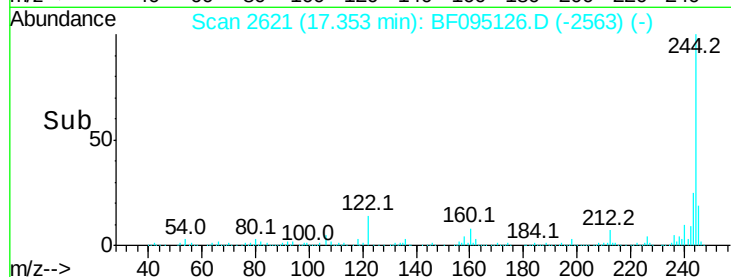
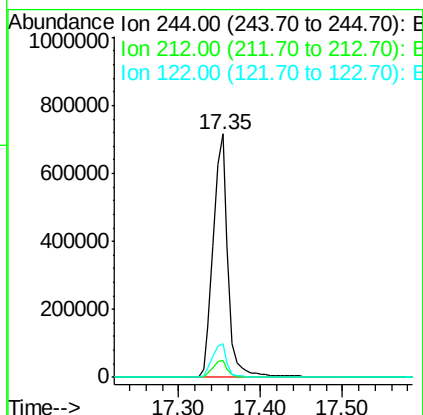
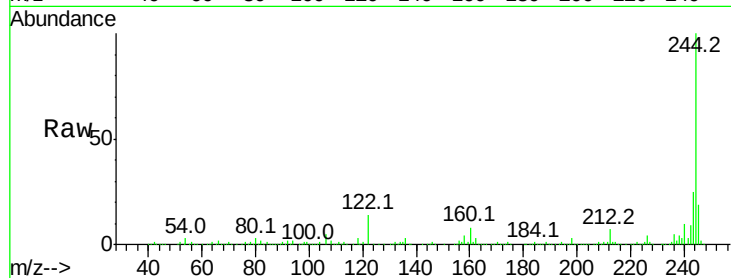




#78
 Terphenyl-d14
 Concen: 80.53 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleID :
 PB98943BL

Tot Ion:244 Resp: 907616
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion:264 Resp: 195728
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.2 25.8

