

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095790.D
 Acq On : 8 Jun 2017 18:54
 Operator : SJ/MA
 Sample : I3541-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Quant Time: Jun 09 01:44:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

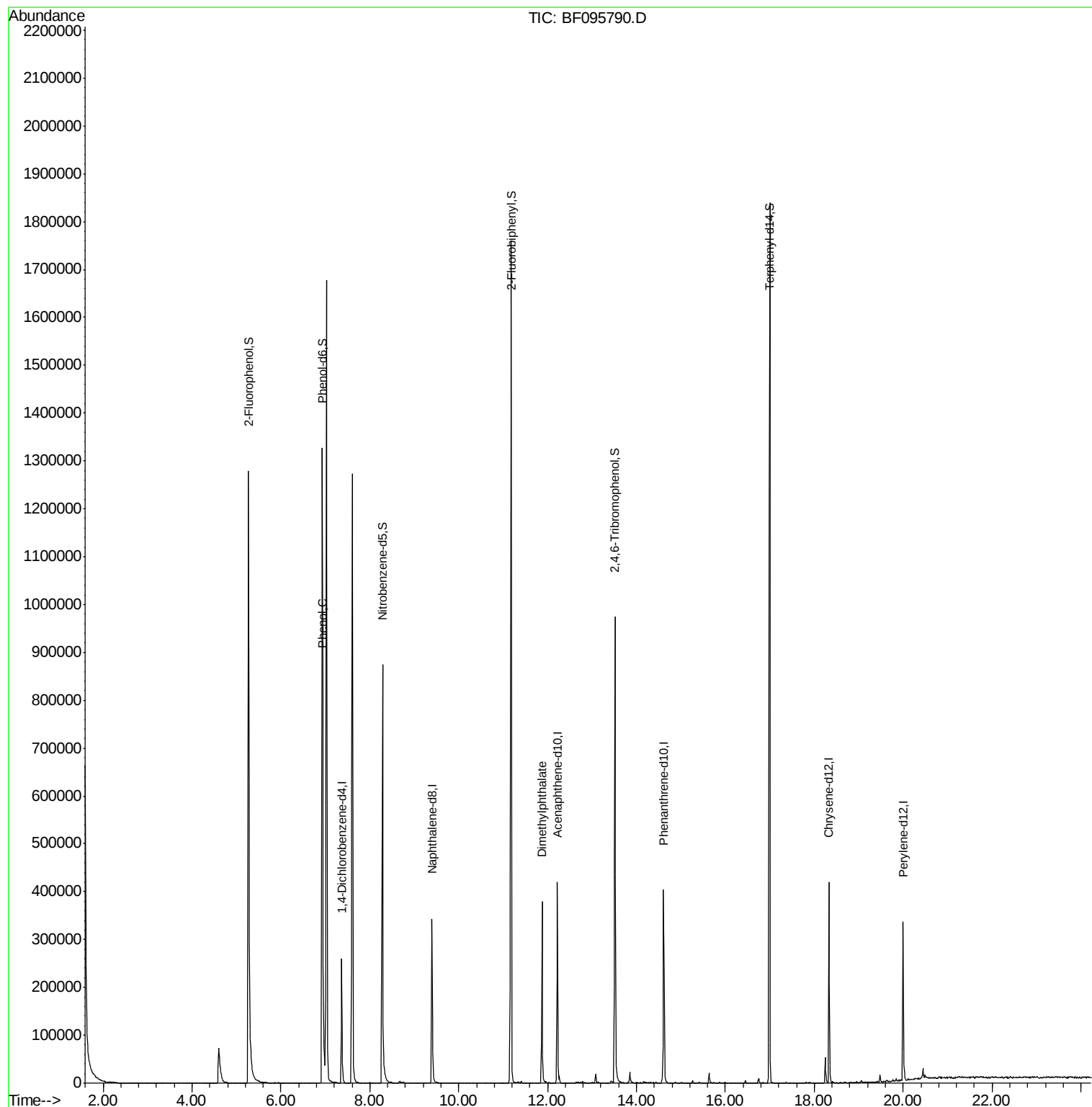
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	64838	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	266965	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	124789	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	232347	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	193826	20.00	ng	-0.02
86) Perylene-d12	20.00	264	153436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	698788	171.73	ng	-0.02
7) Phenol-d6	6.93	99	855137	175.55	ng	-0.02
23) Nitrobenzene-d5	8.29	82	493634	114.84	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	182118	164.95	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	972554	108.45	ng	-0.04
78) Terphenyl-d14	17.00	244	787503	100.83	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	23631	4.68	ng	88
49) Dimethylphthalate	11.87	163	237868	25.11	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.37 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

Instrument :

BNA_F

ClientSampleId :

RT-3460

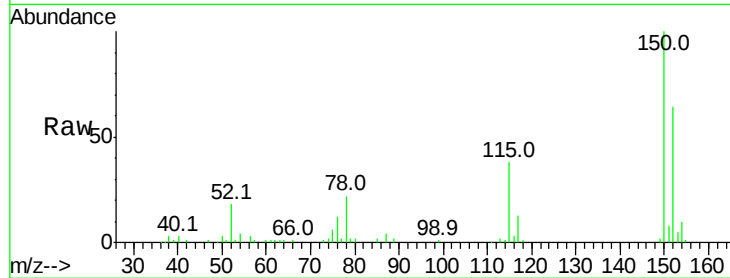
Tot Ion:152 Resp: 64838

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

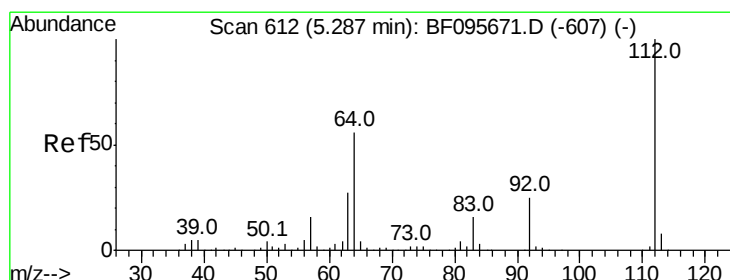
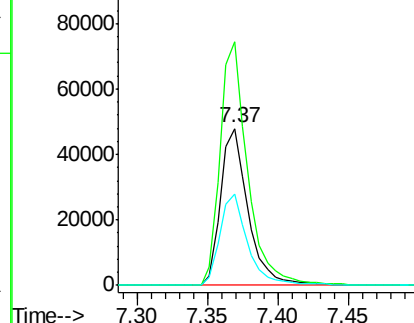
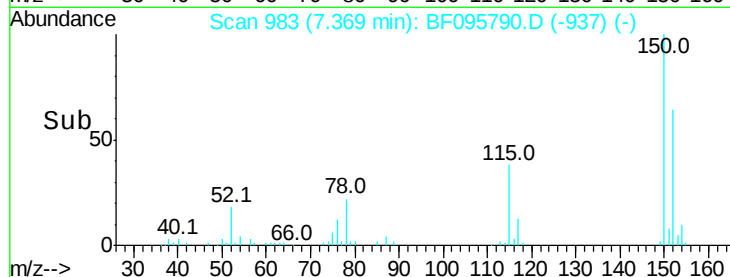
115 58.6 52.2 78.2



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: 171.73 ng

RT: 5.27 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

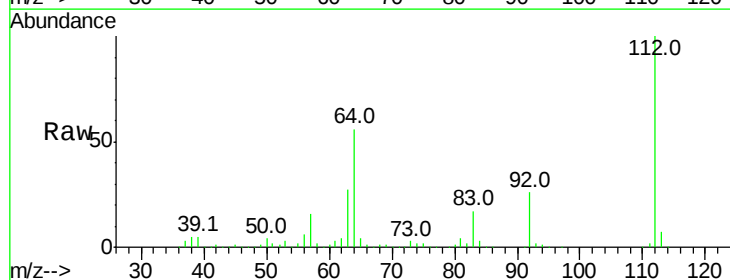
Tgt Ion:112 Resp: 698788

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

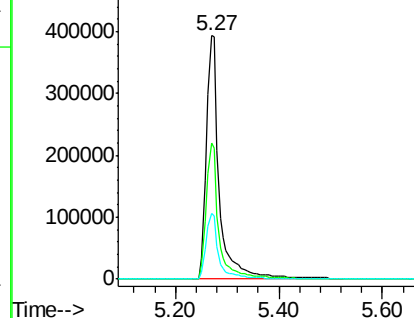
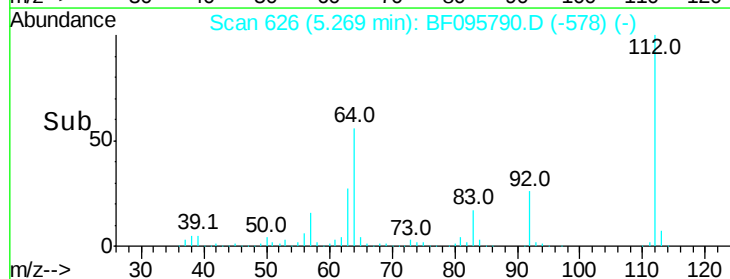
63 26.8 23.4 35.0



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: 175.55 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

Instrument :

BNA_F

ClientSampleId :

RT-3460

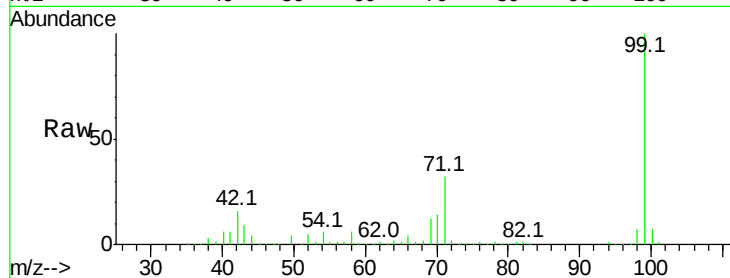
Tot Ion: 99 Resp: 855137

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

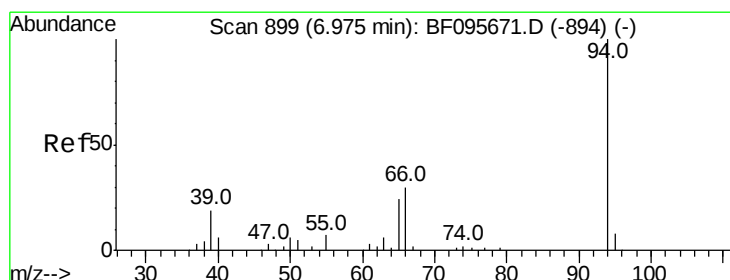
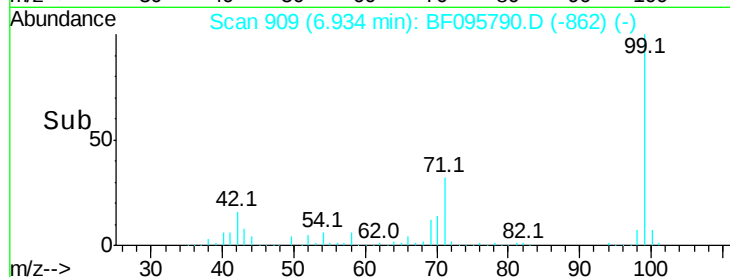
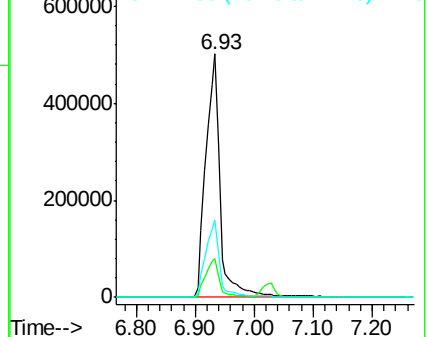
71 31.8 24.5 36.7



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



#10

Phenol

Concen: 4.68 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

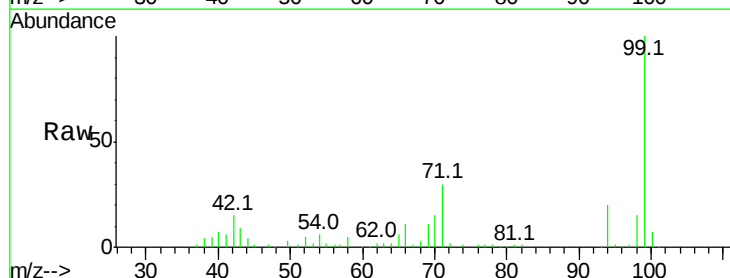
Tgt Ion: 94 Resp: 23631

Ion Ratio Lower Upper

94 100

65 29.0 9.9 49.9

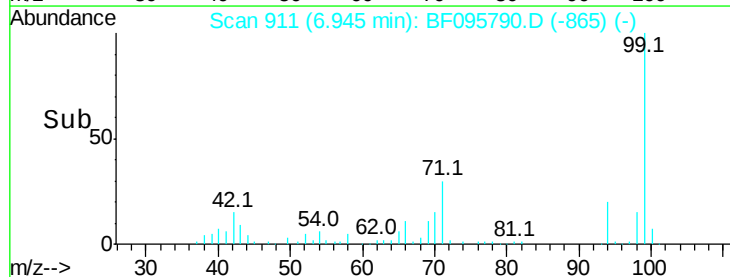
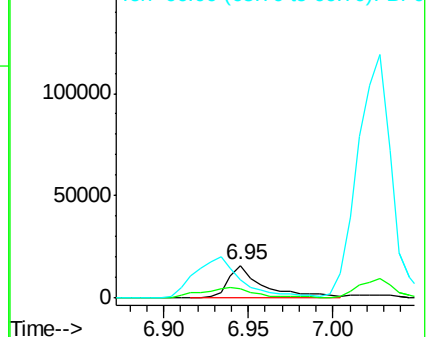
66 55.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

Instrument :

BNA_F

ClientSampleId :

RT-3460

Tot Ion:136 Resp: 266965

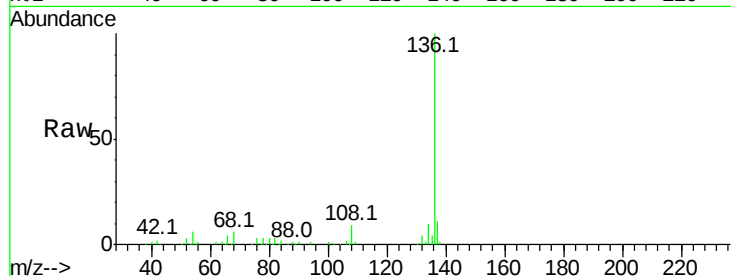
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.9 4.1 6.1

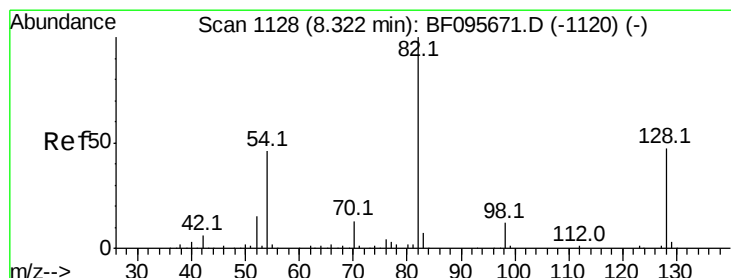
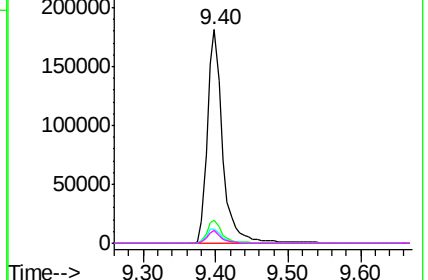
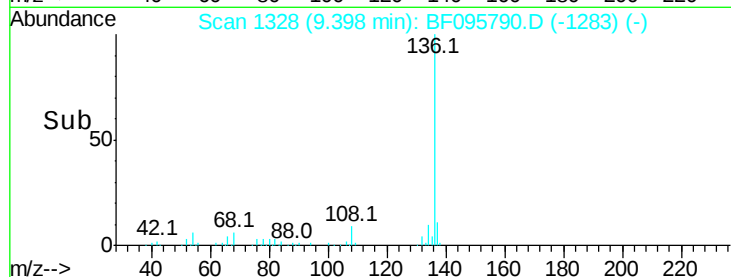


Abundance Ion 136.00 (135.70 to 136.70): E

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: 114.84 ng

RT: 8.29 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

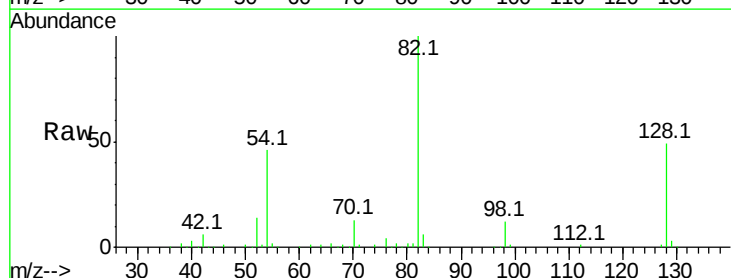
Tgt Ion: 82 Resp: 493634

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

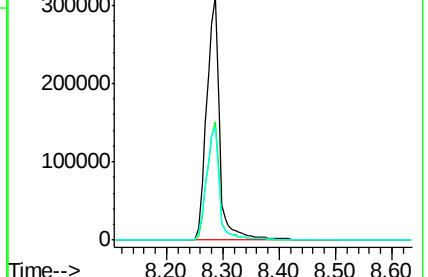
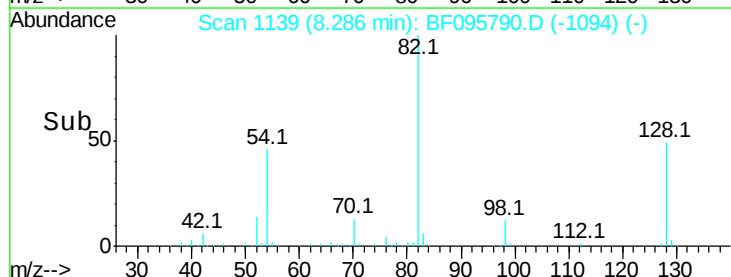
54 46.4 42.2 63.2



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

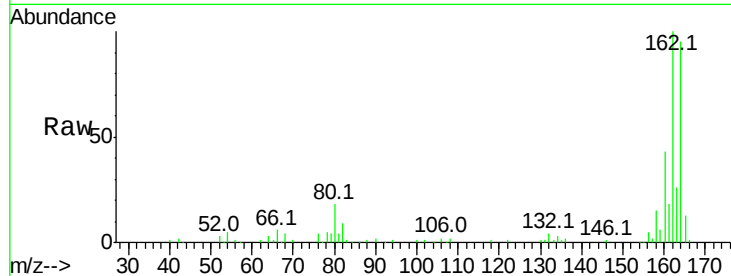




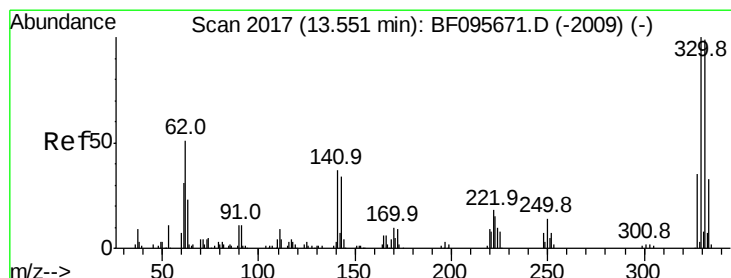
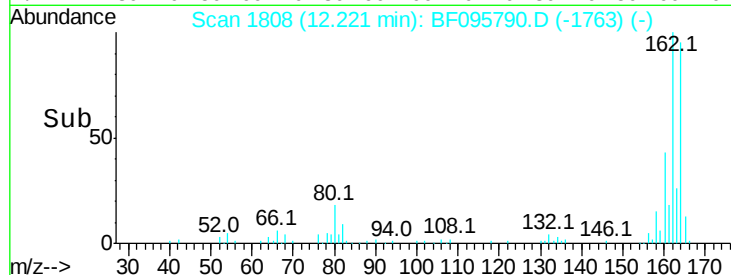
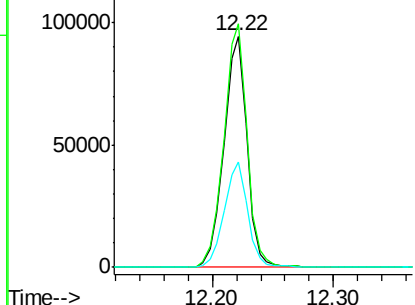
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095790.D
 Acq: 8 Jun 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:164 Resp: 124789
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 45.5 36.2 54.2

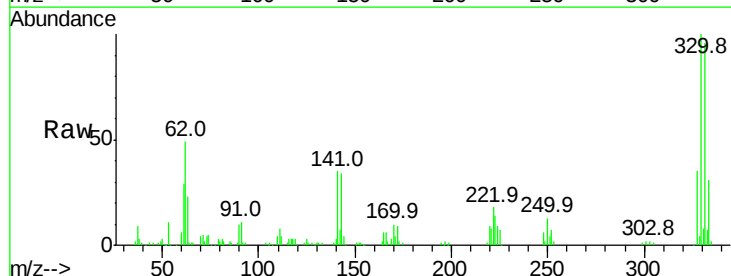


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

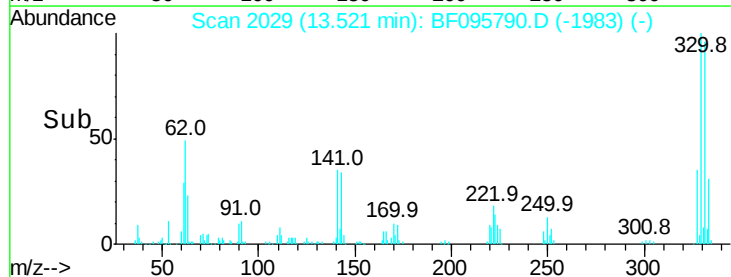
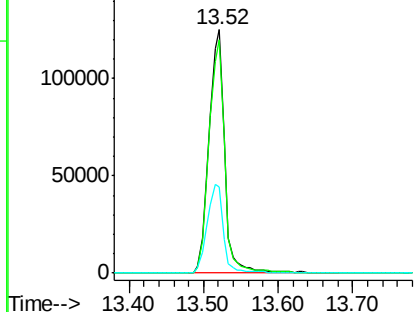


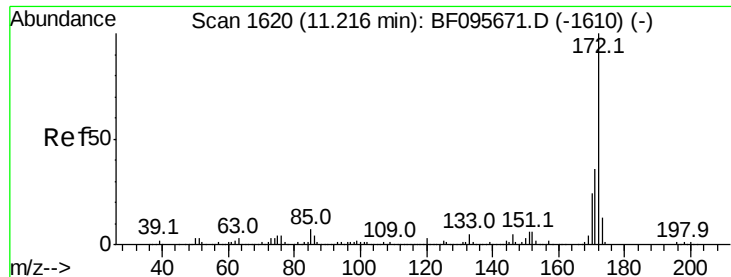
#41
 2,4,6-Tribromophenol
 Concen: 164.95 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095790.D
 Acq: 8 Jun 2017 18:54

Tgt Ion:330 Resp: 182118
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.2 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

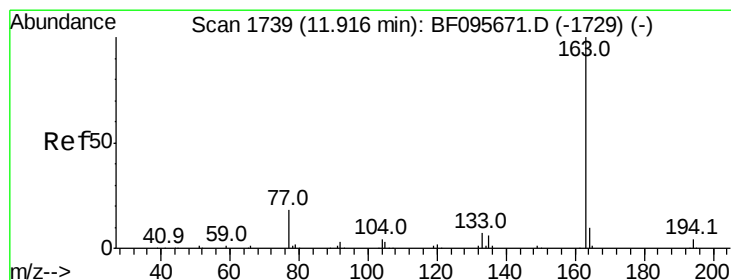
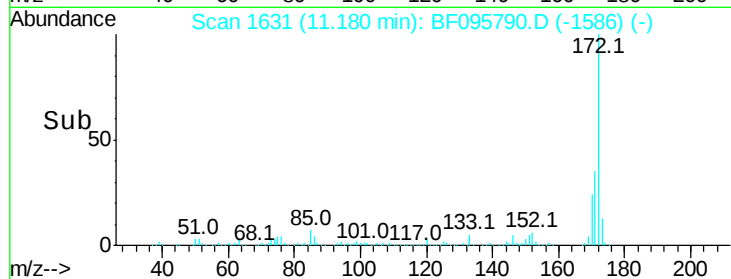
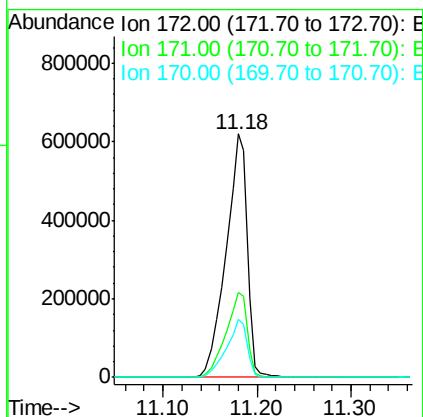
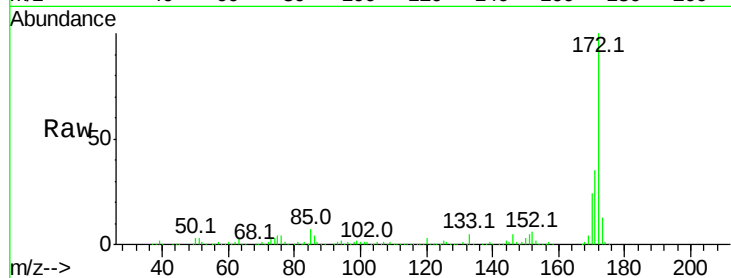




#44
2-Fluorobiphenyl
Concen: 108.45 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095790.D
Acq: 8 Jun 2017 18:54

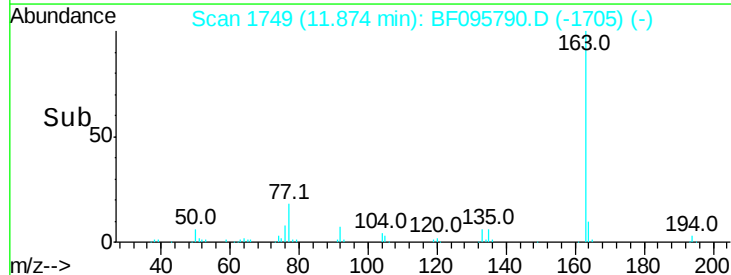
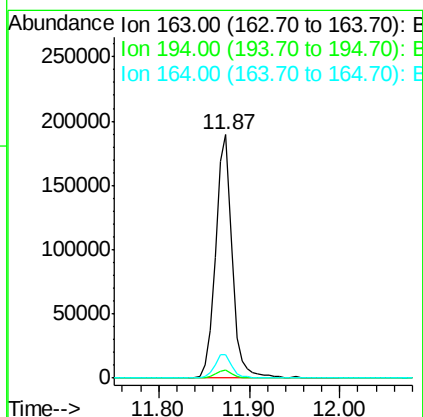
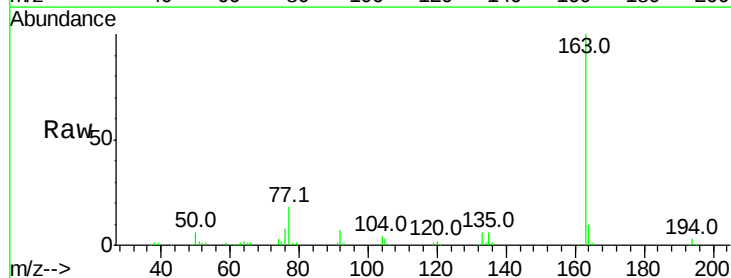
Instrument :
BNA_F
ClientSampleId :
RT-3460

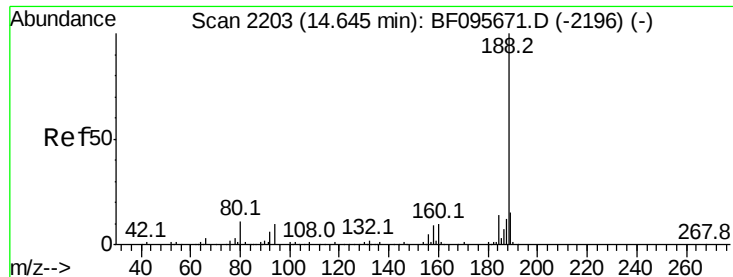
Tot Ion:172 Resp: 972554
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 25.11 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095790.D
Acq: 8 Jun 2017 18:54

Tgt Ion:163 Resp: 237868
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.61 min Scan# 2214

Delta R.T. -0.04 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

Instrument :

BNA_F

ClientSampleId :

RT-3460

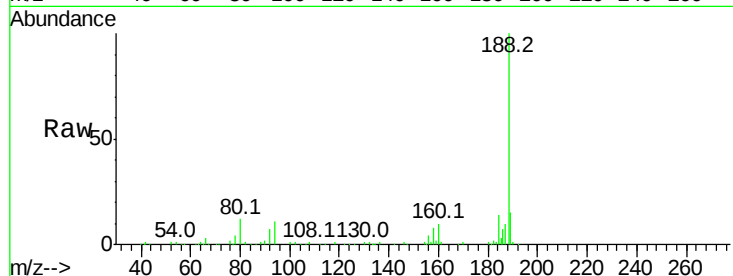
Tot Ion:188 Resp: 232347

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

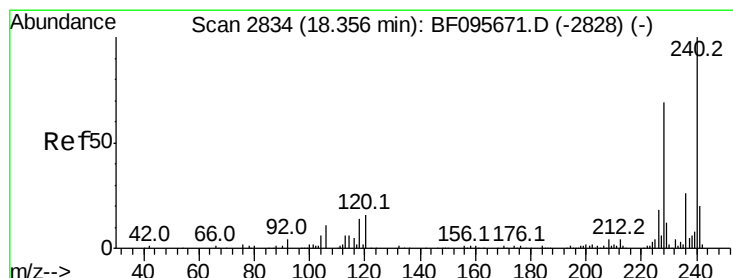
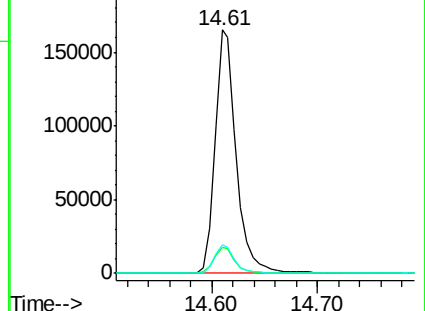
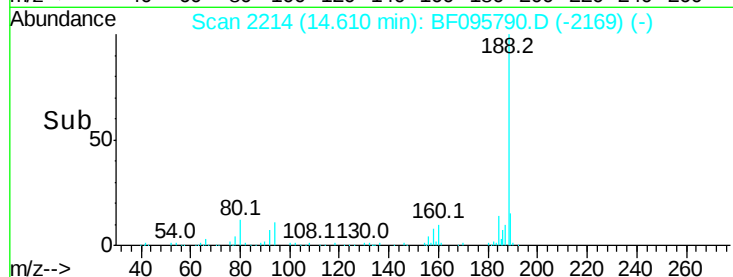
80 11.7 10.2 15.2



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: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095790.D

Acq: 8 Jun 2017 18:54

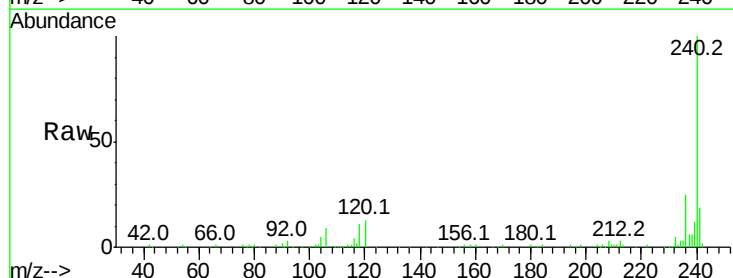
Tgt Ion:240 Resp: 193826

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

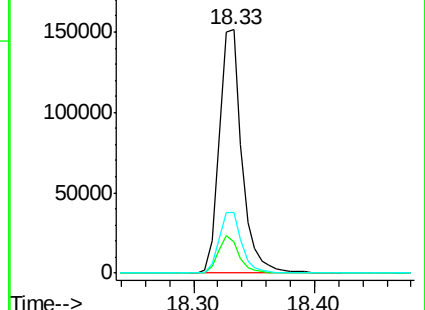
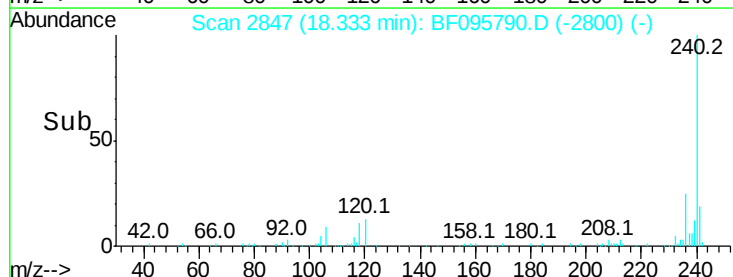
236 25.1 20.5 30.7



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

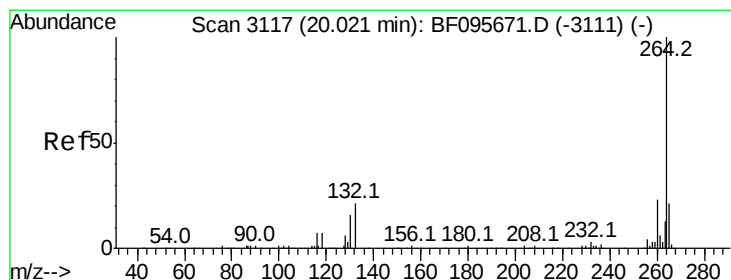
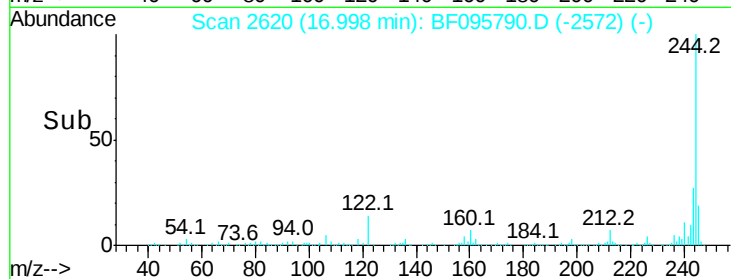
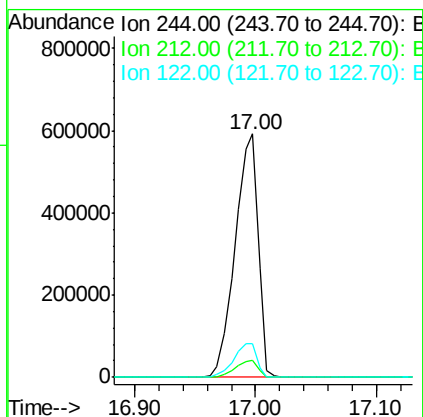
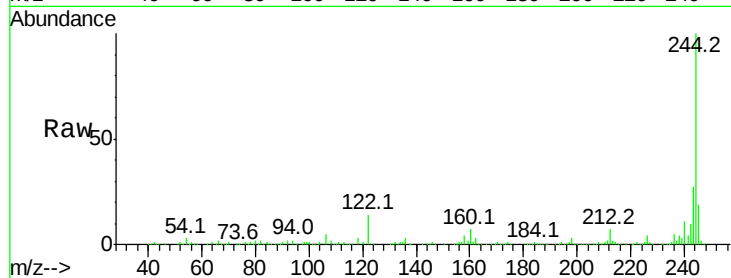




#78
 Terphenyl-d14
 Concen: 100.83 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF095790.D
 Acq: 8 Jun 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Tot Ion:244 Resp: 787503
 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: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095790.D
 Acq: 8 Jun 2017 18:54

Tgt Ion:264 Resp: 153436
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.0 17.2 25.8

