

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094955.D
 Acq On : 6 May 2017 11:53
 Operator : SJ/MA
 Sample : I2947-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-7.0-7.5

Quant Time: May 08 08:11:40 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

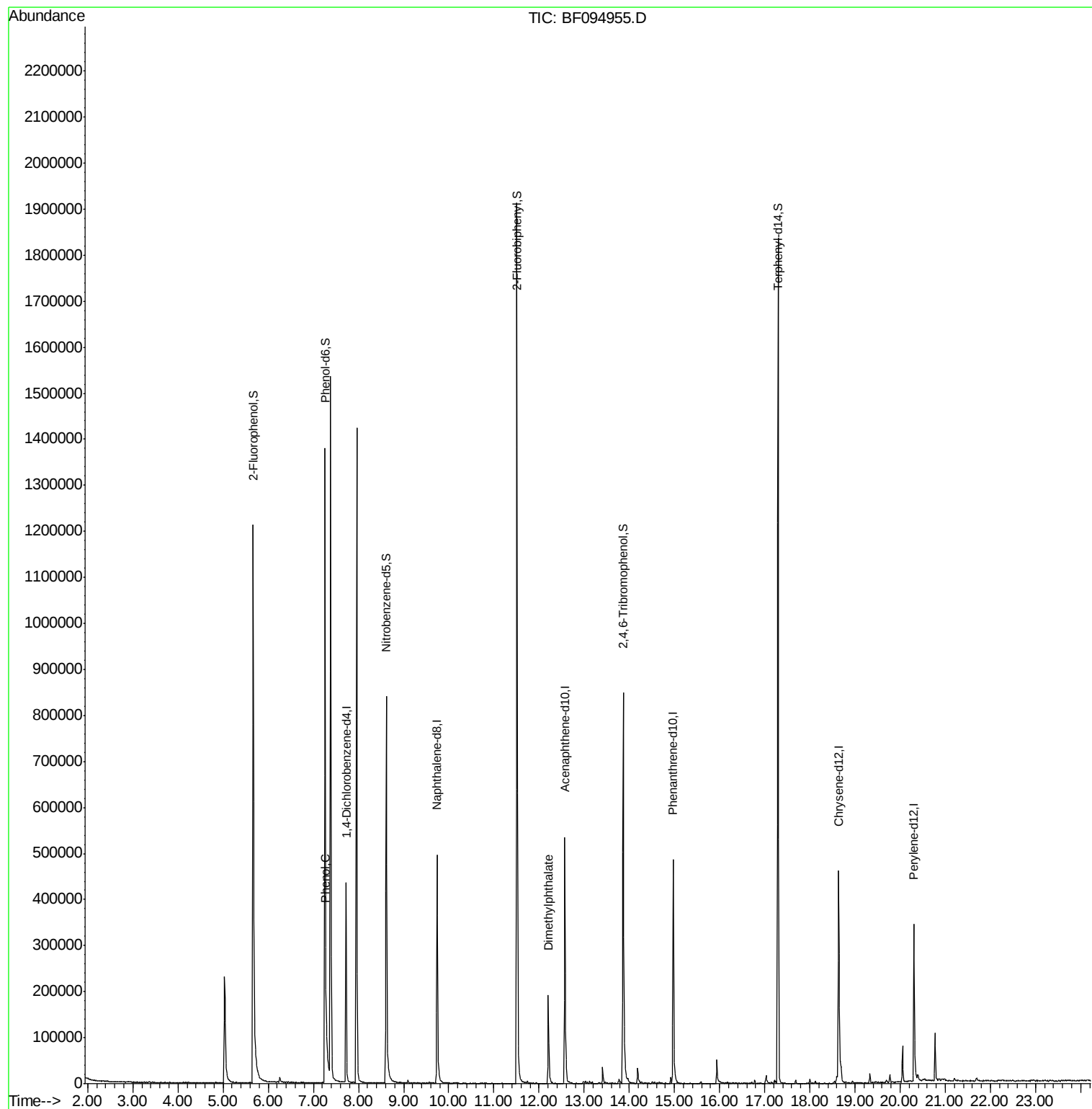
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97801	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	386343	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165405	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	300714	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	253585	20.00	ng	-0.01
86) Perylene-d12	20.31	264	185655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	615101	104.86	ng	-0.01
7) Phenol-d6	7.26	99	760798	108.09	ng	-0.02
23) Nitrobenzene-d5	8.62	82	425819	69.50	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	166505	122.92	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	888228	77.29	ng	-0.02
78) Terphenyl-d14	17.29	244	724678	62.94	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	15105	2.04	ng	Qvalue # 66
49) Dimethylphthalate	12.21	163	135771	10.00	ng	97

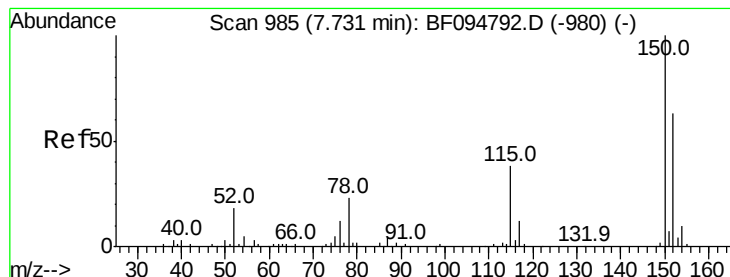
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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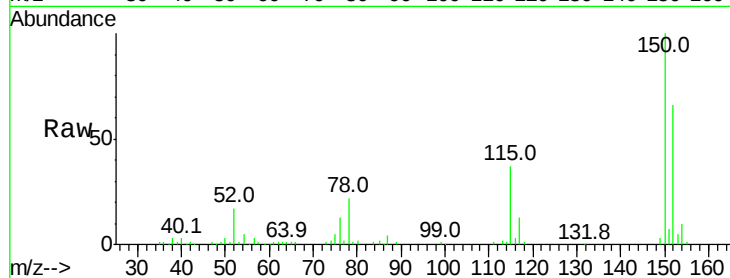


#1

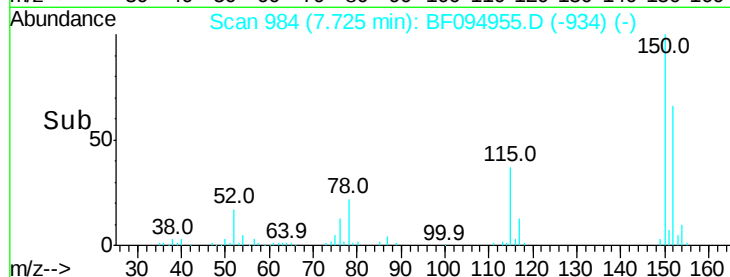
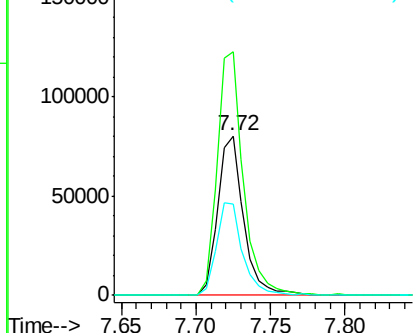
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

Instrument :
BNA_F
ClientSampleId :
SB-01-7.0-7.5

Tot Ion:152 Resp: 97801
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 56.9 52.2 78.2



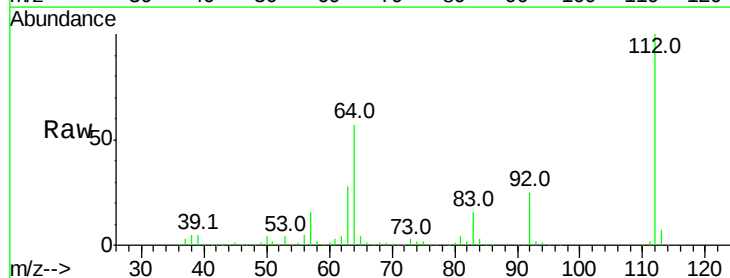
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



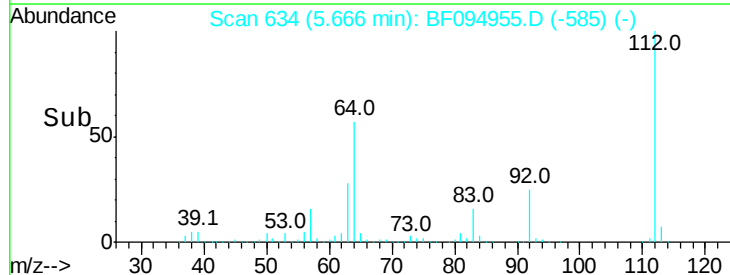
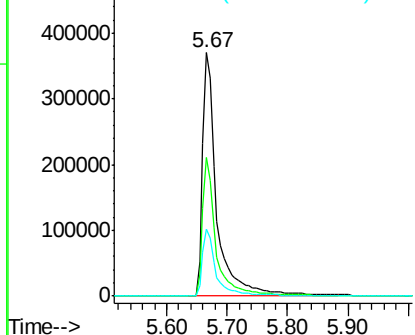
#5

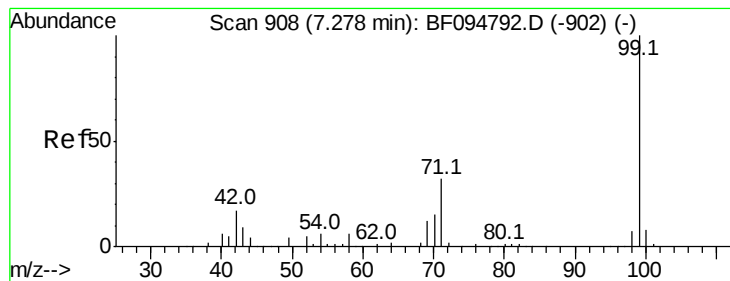
2-Fluorophenol
Concen: 104.86 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

Tgt Ion:112 Resp: 615101
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.7 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: 108.09 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-7.5

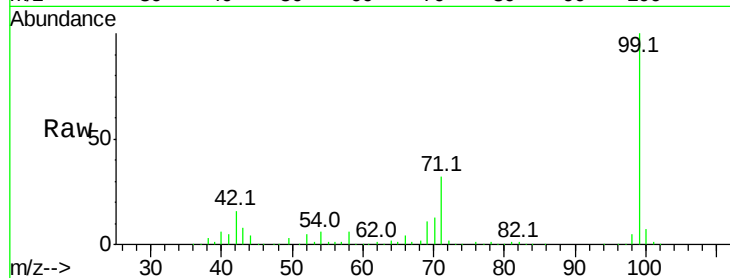
Tot Ion: 99 Resp: 760798

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

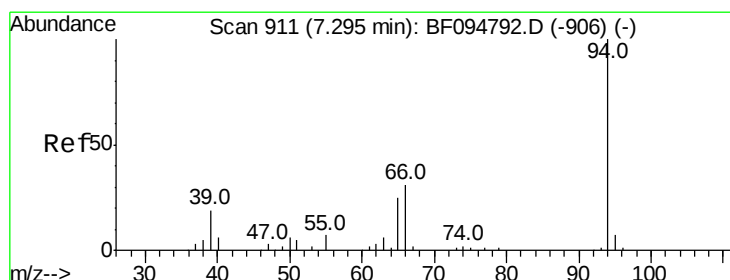
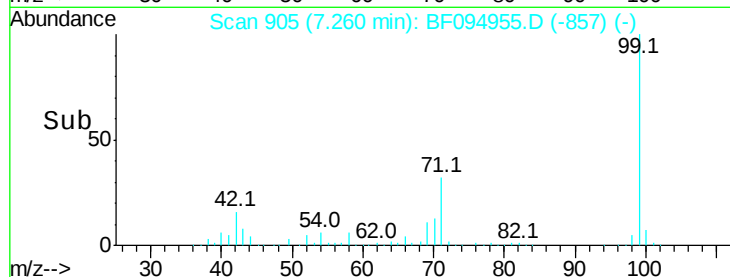
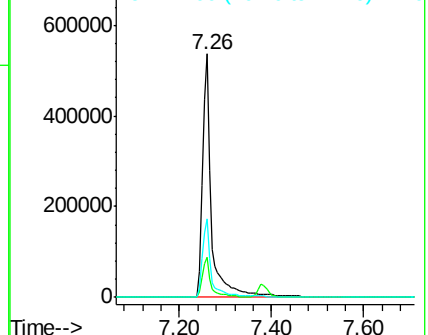
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 2.04 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

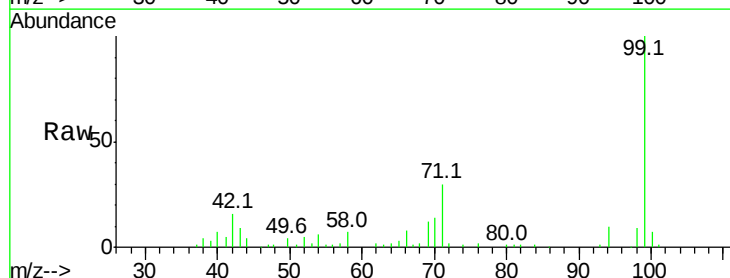
Tgt Ion: 94 Resp: 15105

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

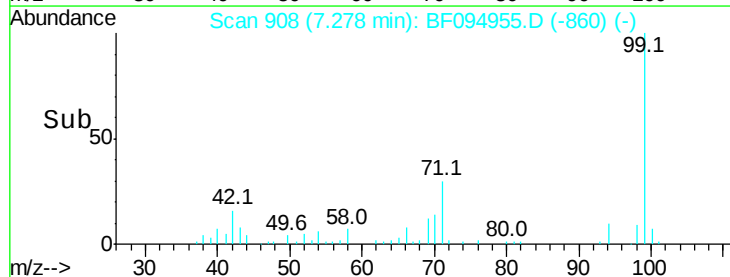
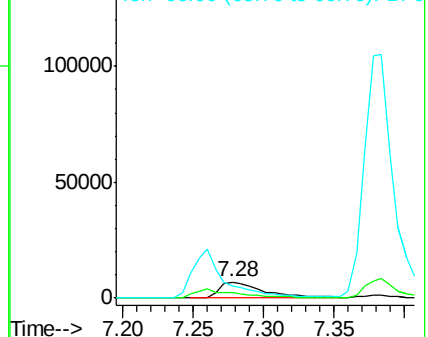
66 77.2 23.1 63.1#



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-7.5

Tot Ion:136 Resp: 386343

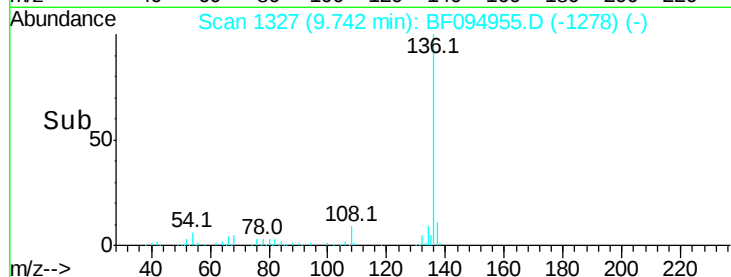
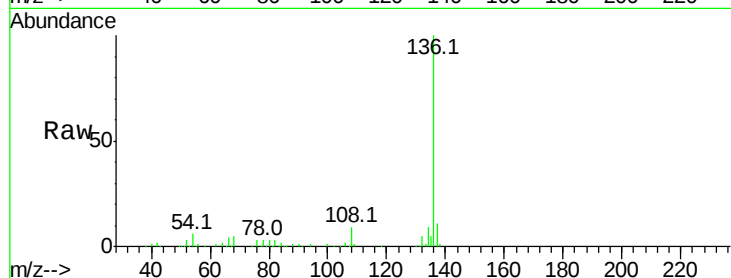
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

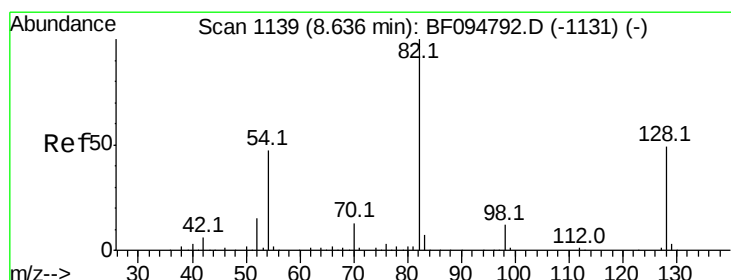
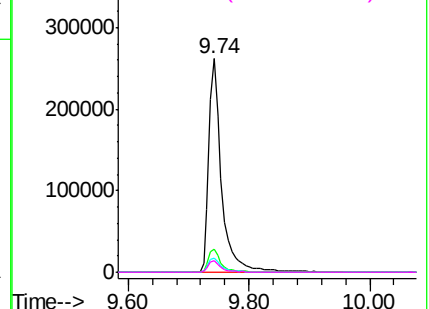


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.50 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

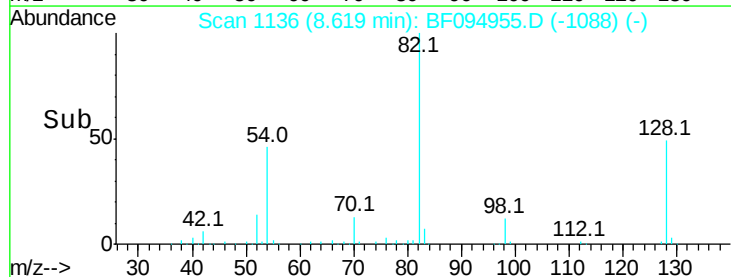
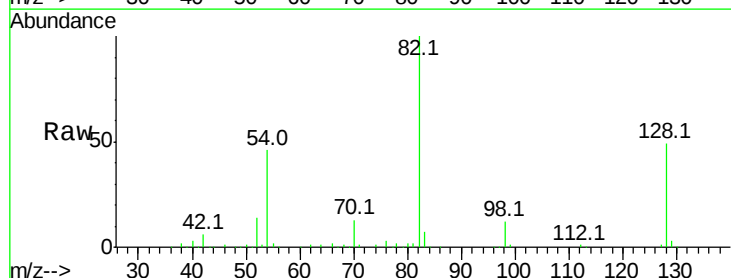
Tgt Ion: 82 Resp: 425819

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

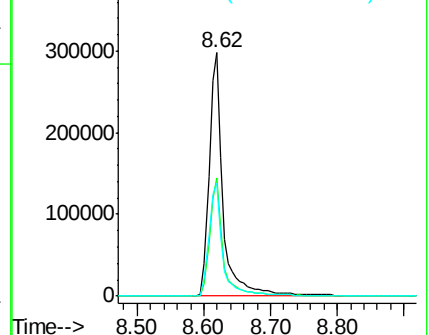
54 46.4 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-7.5

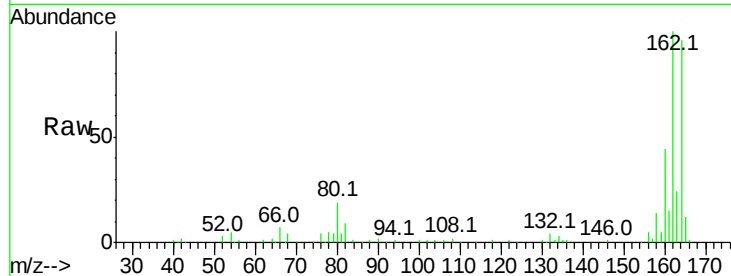
Tot Ion:164 Resp: 165405

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

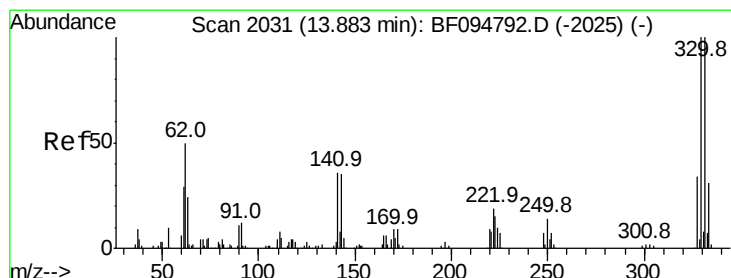
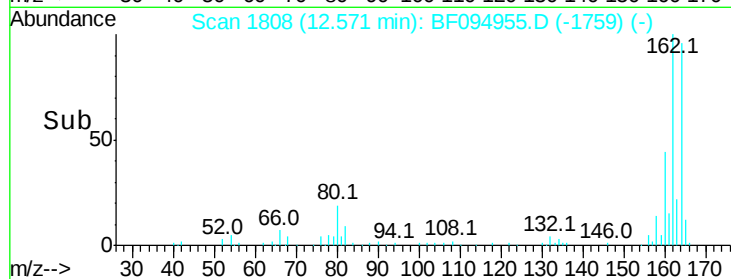
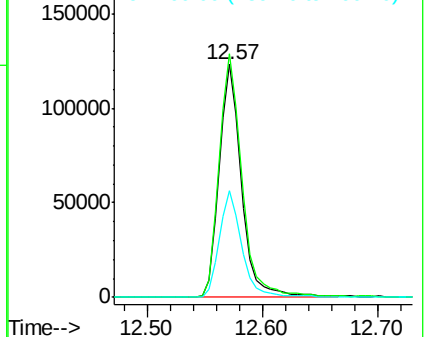
160 45.8 36.2 54.2



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: 122.92 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

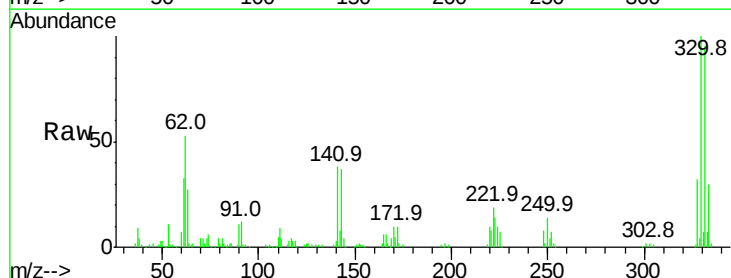
Tgt Ion:330 Resp: 166505

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

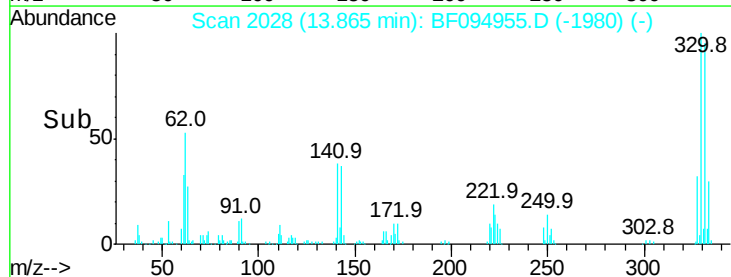
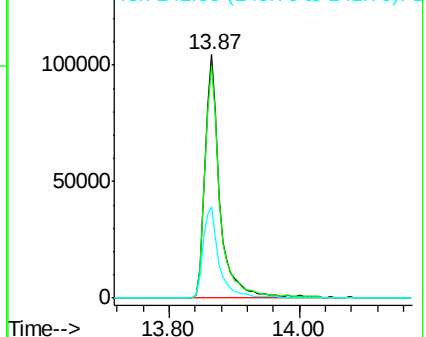
141 40.0 31.4 47.2



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

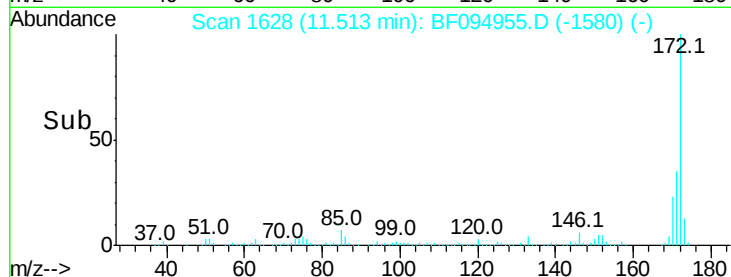
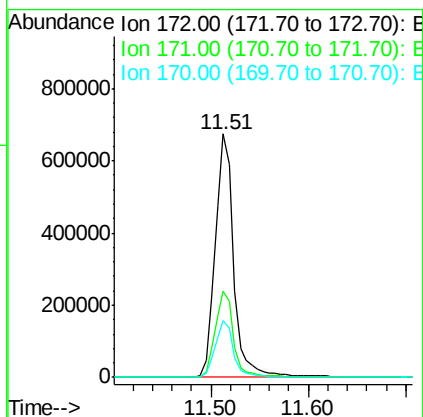
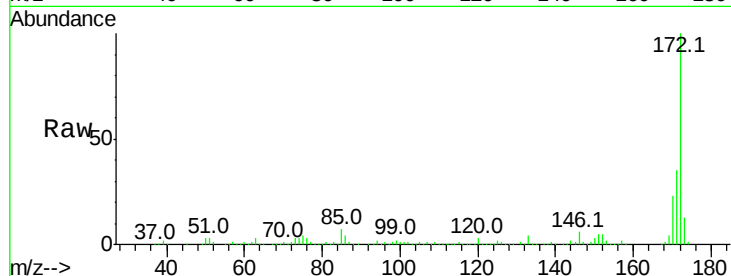




#44
2-Fluorobiphenyl
Concen: 77.29 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

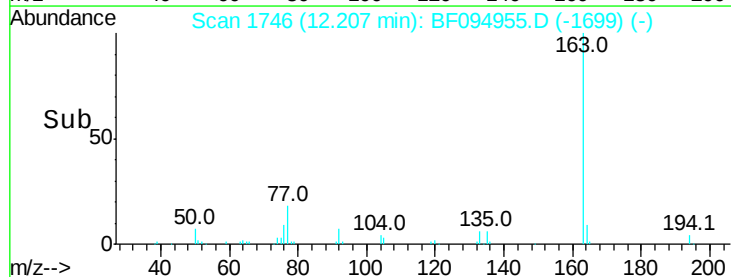
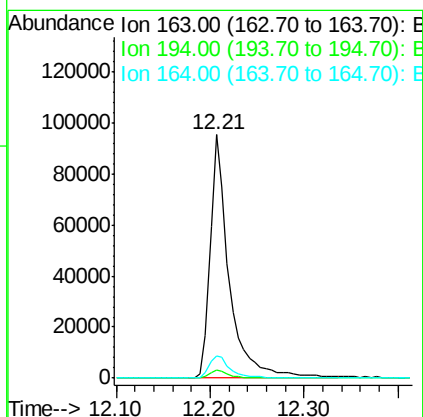
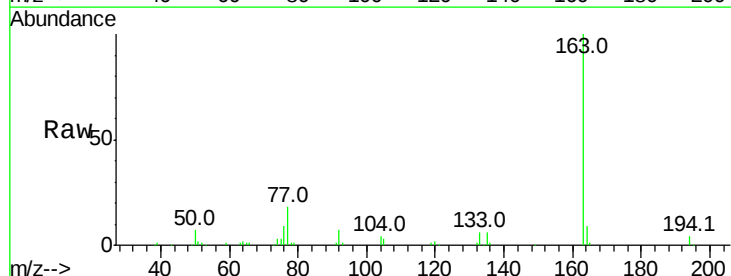
Instrument :
BNA_F
ClientSampleId :
SB-01-7.0-7.5

Tot Ion:172 Resp: 888228
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 10.00 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094955.D
Acq: 6 May 2017 11:53

Tgt Ion:163 Resp: 135771
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.2 8.4 12.6

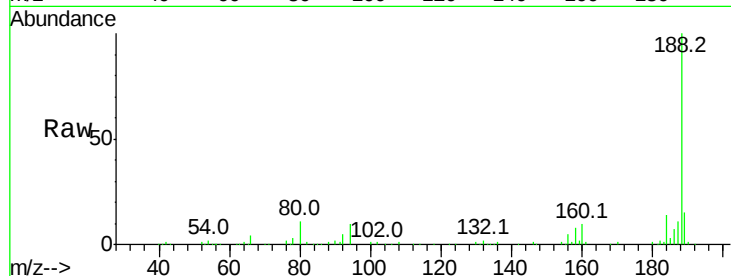




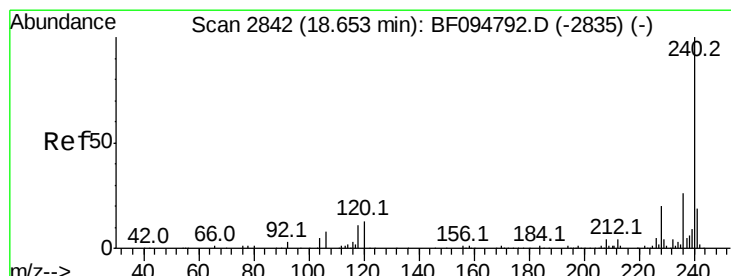
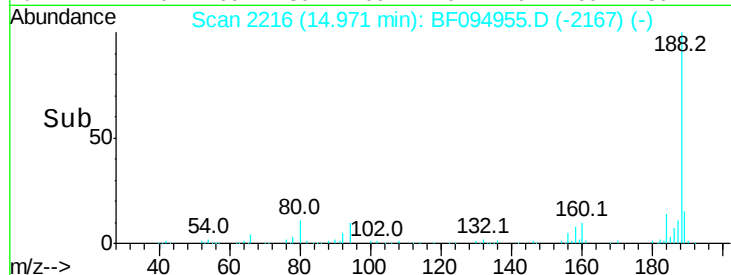
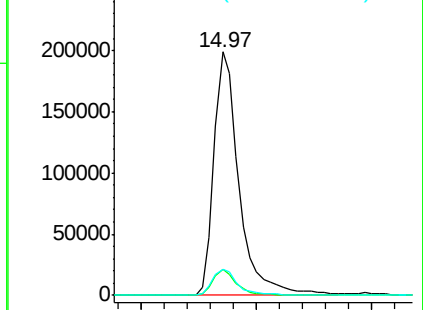
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-7.0-7.5

Tot Ion:188 Resp: 300714
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.9 10.2 15.2

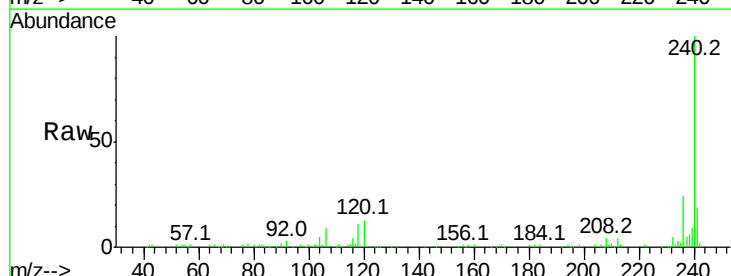


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

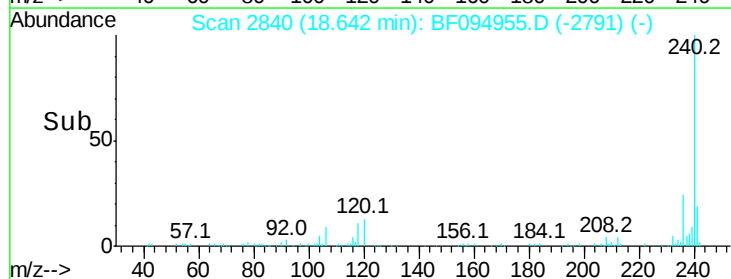
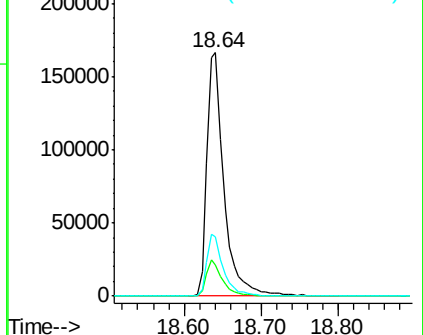


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094955.D
 Acq: 6 May 2017 11:53

Tgt Ion:240 Resp: 253585
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 24.2 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: 62.94 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

Instrument :

BNA_F

ClientSampleId :

SB-01-7.0-7.5

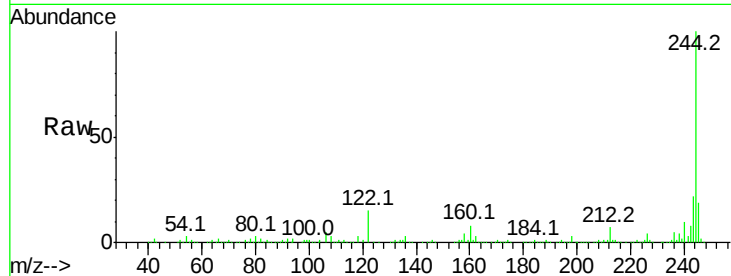
Tot Ion:244 Resp: 724678

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

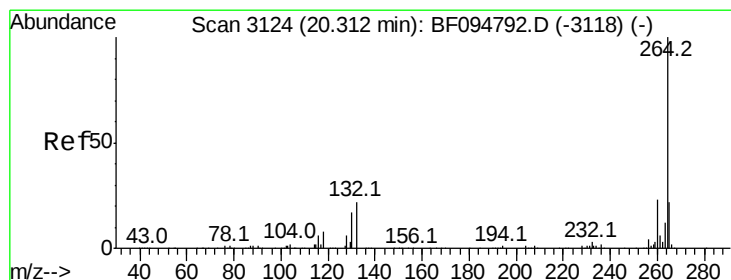
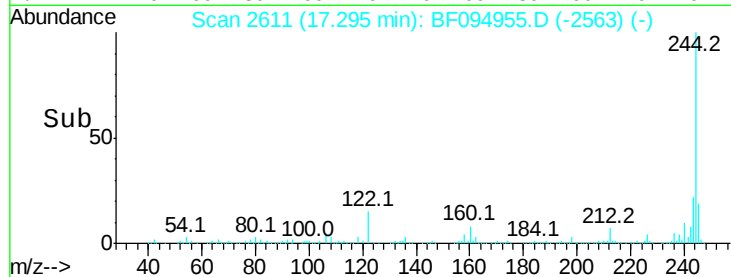
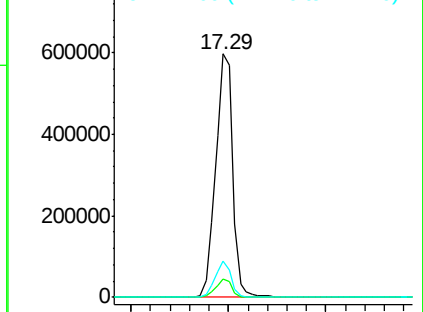
122 14.9 10.3 15.5



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: 20.00 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094955.D

Acq: 6 May 2017 11:53

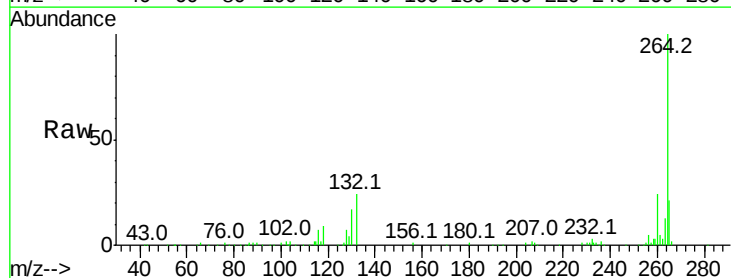
Tgt Ion:264 Resp: 185655

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.9 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

