

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094958.D
 Acq On : 6 May 2017 13:30
 Operator : SJ/MA
 Sample : I2947-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: May 08 08:17:55 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

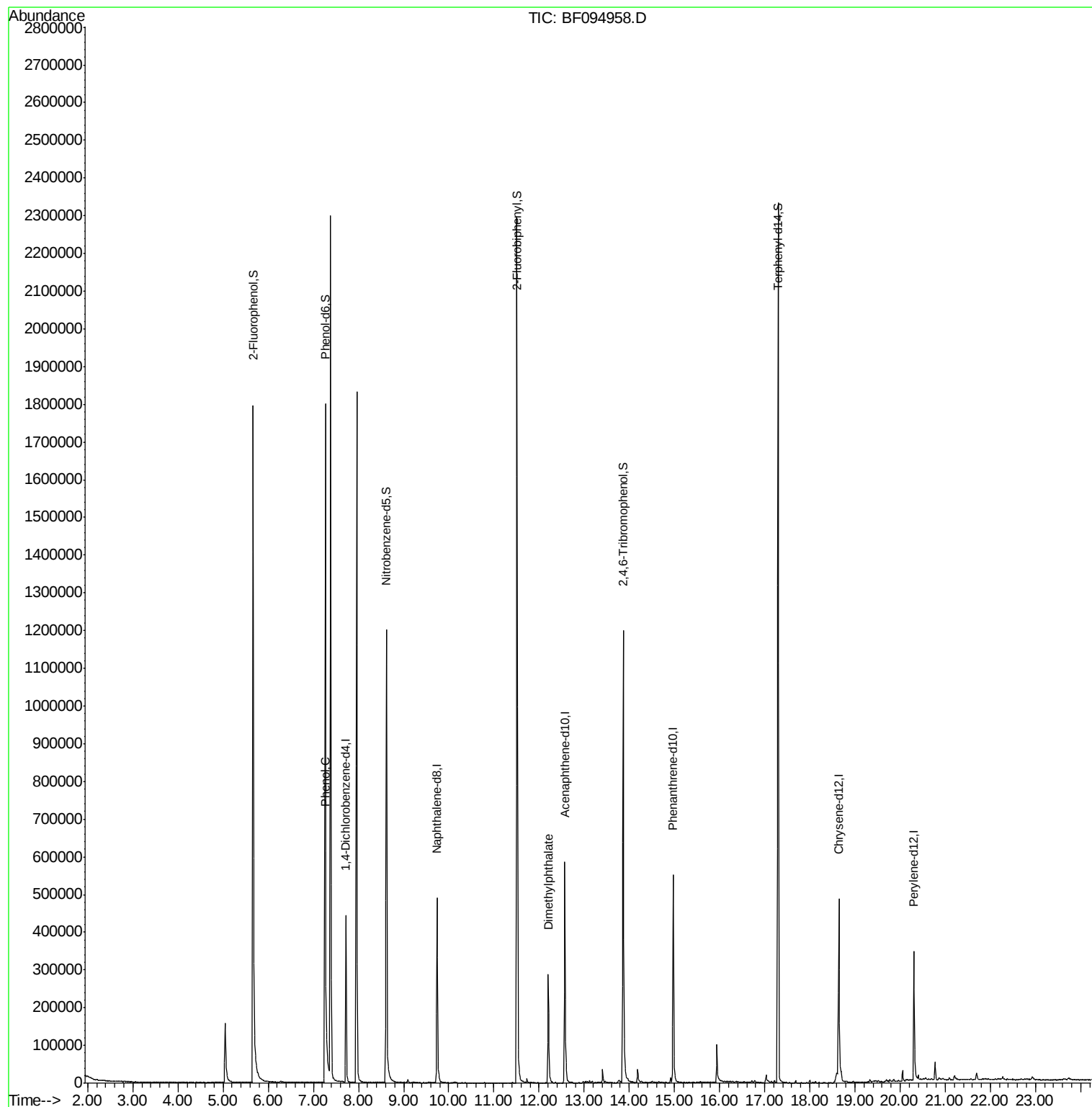
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	96190	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	365741	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	181260	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	314286	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	249746	20.00	ng	-0.01
86) Perylene-d12	20.31	264	185512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	841424	145.84	ng	-0.01
7) Phenol-d6	7.27	99	1043394	150.72	ng	-0.01
23) Nitrobenzene-d5	8.62	82	603025	103.97	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	217386	146.44	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1125586	89.38	ng	-0.01
78) Terphenyl-d14	17.30	244	921725	81.29	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	26197	3.59	ng	90
49) Dimethylphthalate	12.21	163	197825	13.29	ng	98

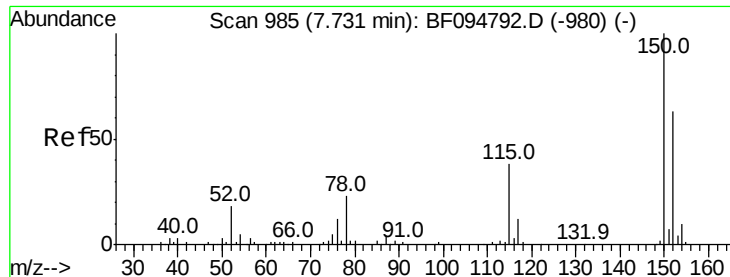
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

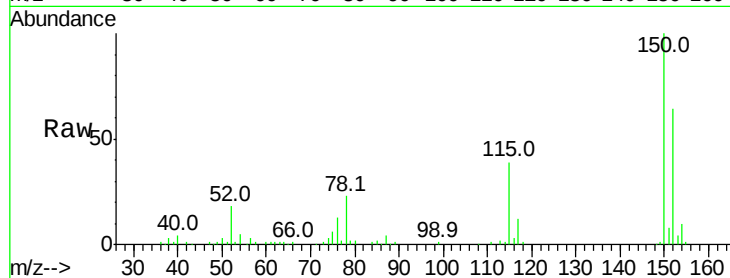
Tot Ion:152 Resp: 96190

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

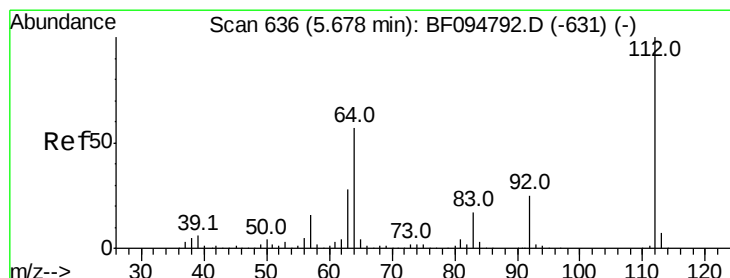
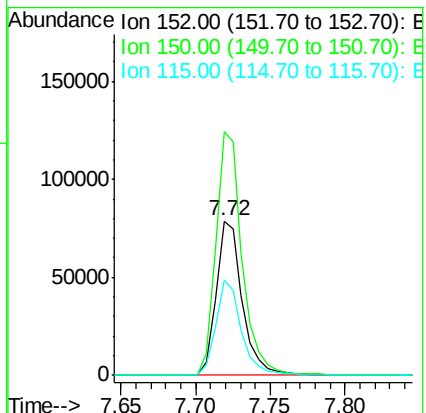
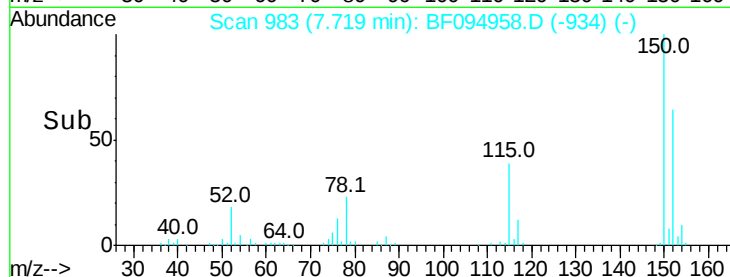
115 61.9 52.2 78.2



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: 145.84 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

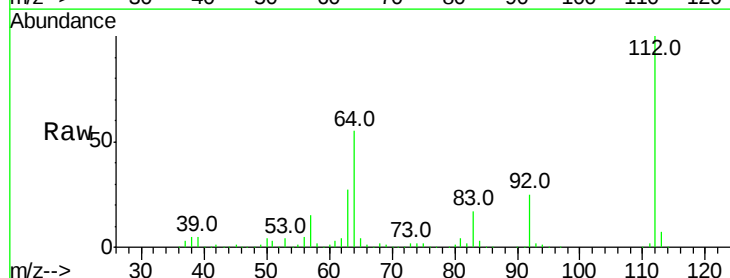
Tgt Ion:112 Resp: 841424

Ion Ratio Lower Upper

112 100

64 55.3 46.0 69.0

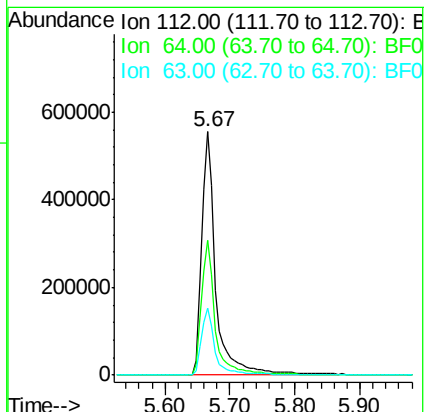
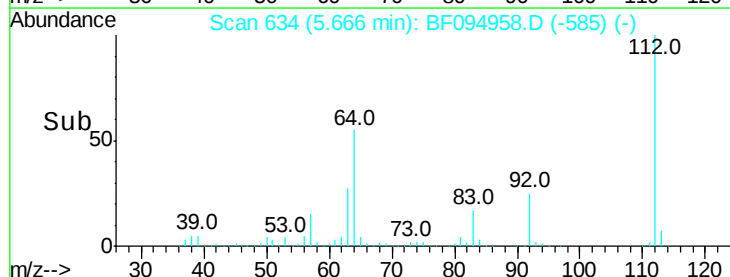
63 27.4 23.4 35.0



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: 150.72 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

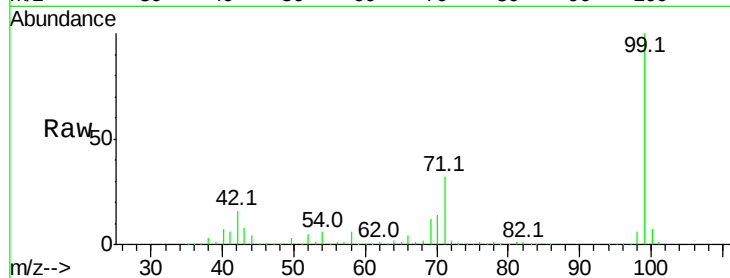
Tot Ion: 99 Resp: 1043394

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

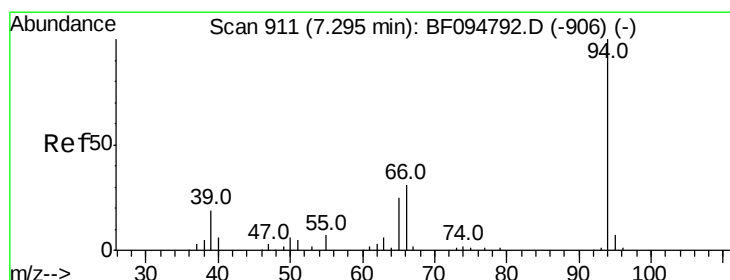
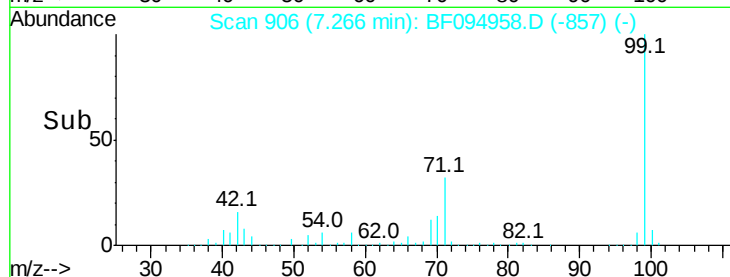
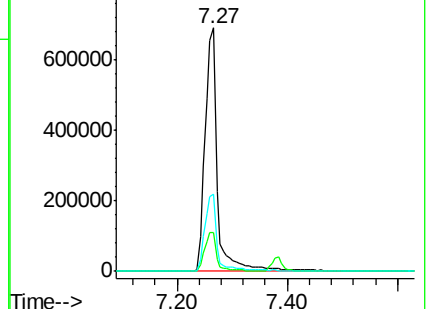
71 31.9 24.5 36.7



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: 3.59 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

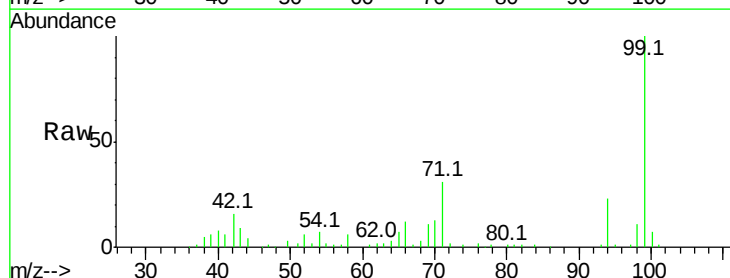
Tgt Ion: 94 Resp: 26197

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

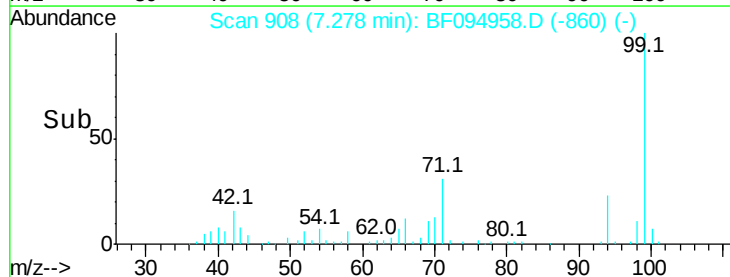
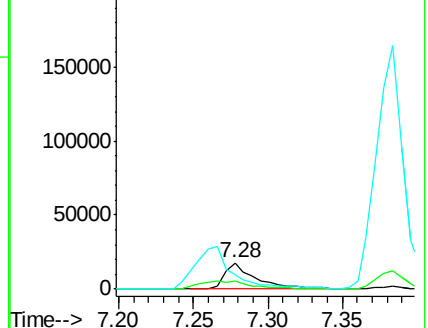
66 52.6 23.1 63.1



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: BF094958.D

Acq: 6 May 2017 13:30

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:136 Resp: 365741

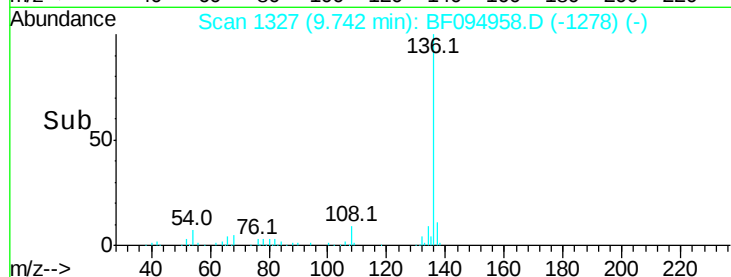
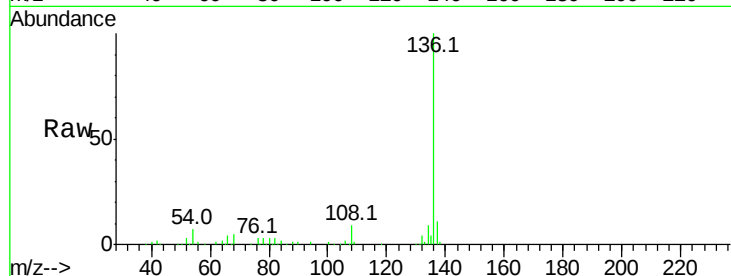
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

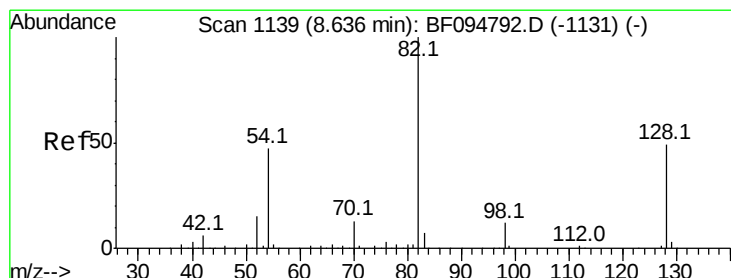
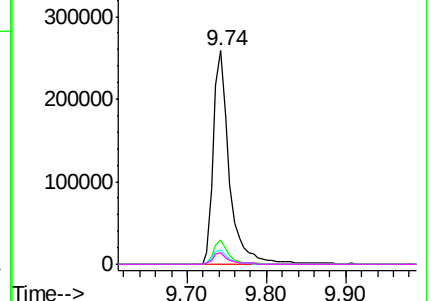


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.97 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

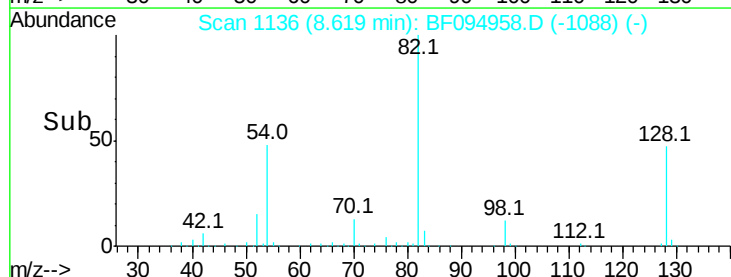
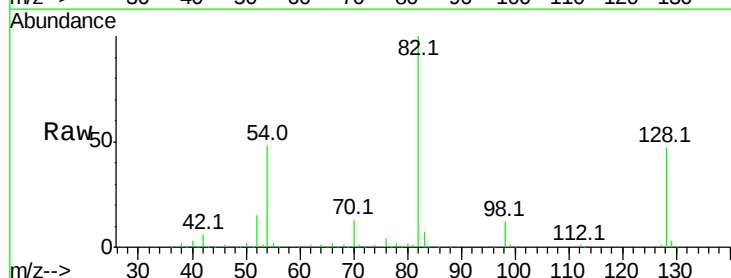
Tgt Ion: 82 Resp: 603025

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

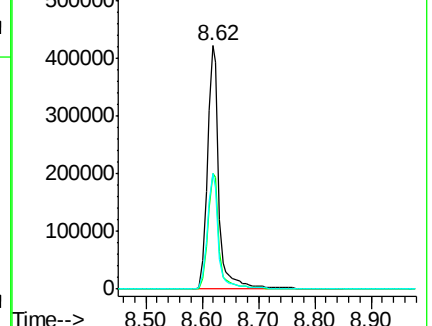
54 47.6 42.2 63.2



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: BF094958.D

Acq: 6 May 2017 13:30

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

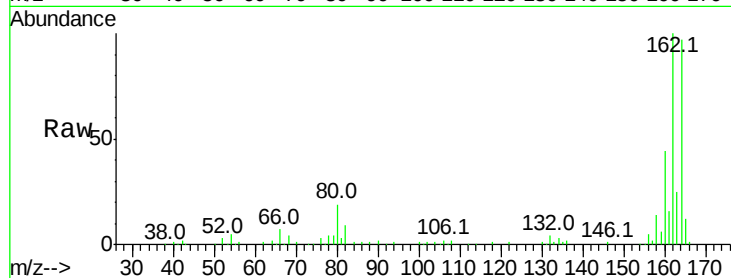
Tot Ion:164 Resp: 181260

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

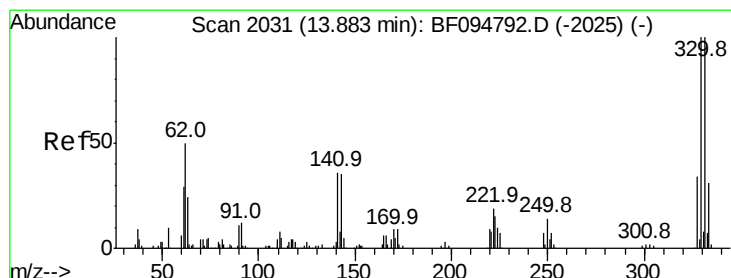
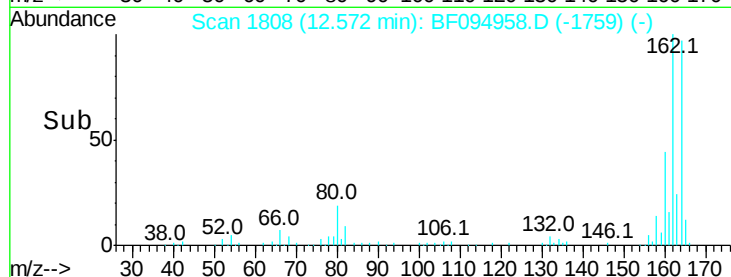
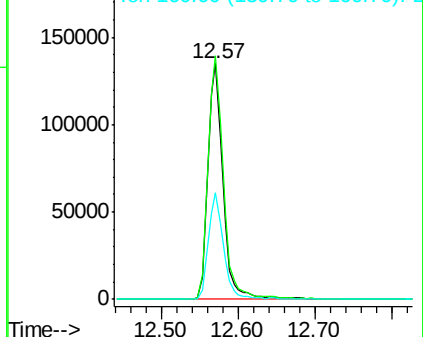
160 45.3 36.2 54.2



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: 146.44 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094958.D

Acq: 6 May 2017 13:30

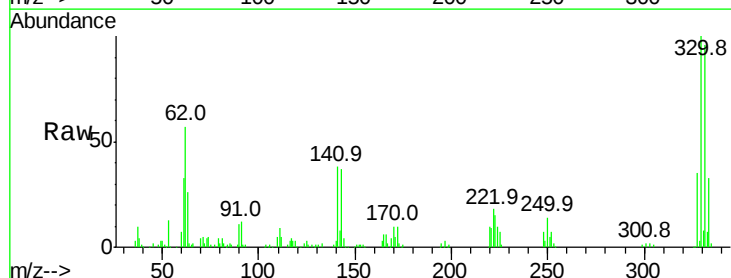
Tgt Ion:330 Resp: 217386

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

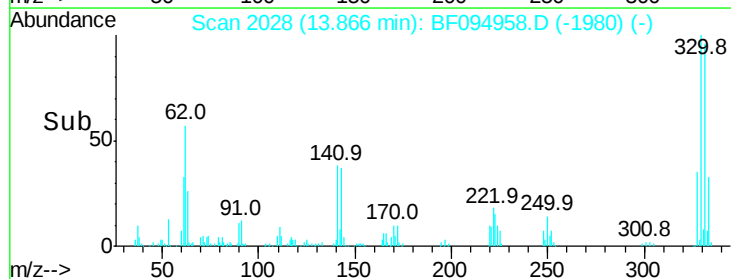
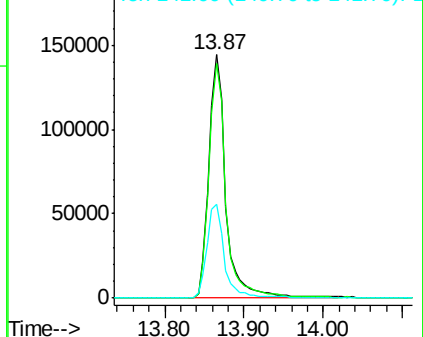
141 39.9 31.4 47.2



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

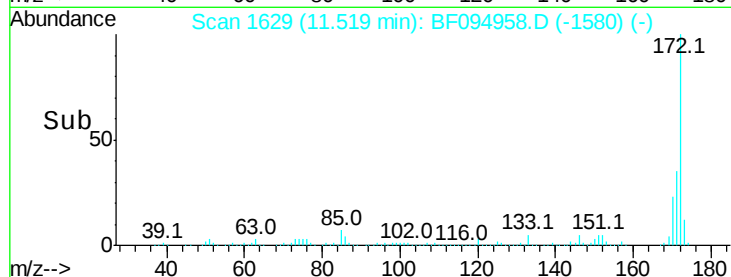
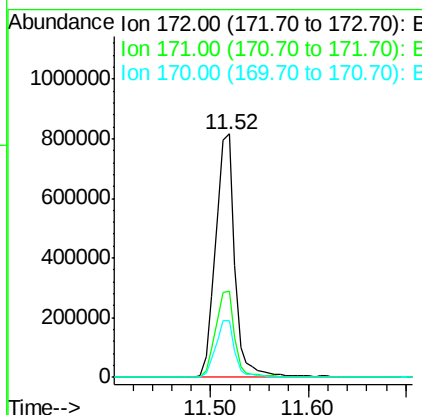
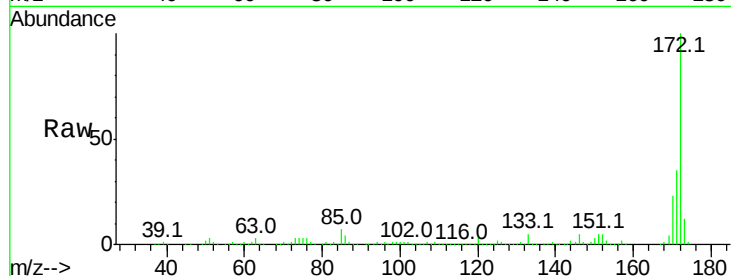




#44
2-Fluorobiphenyl
Concen: 89.38 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094958.D
Acq: 6 May 2017 13:30

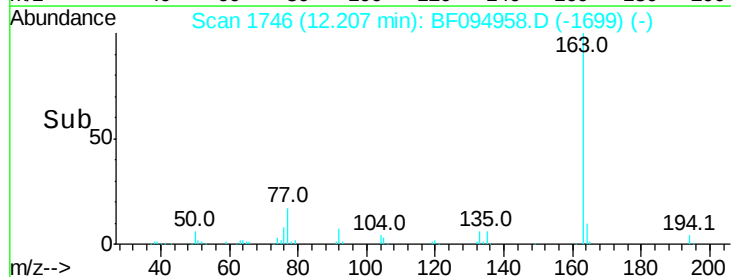
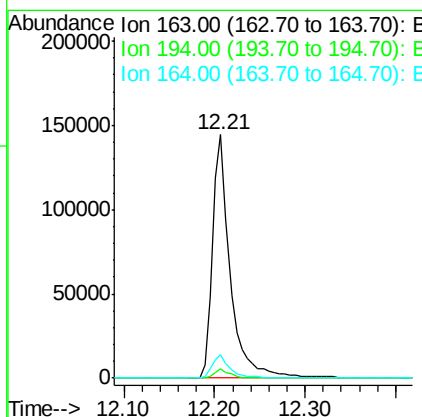
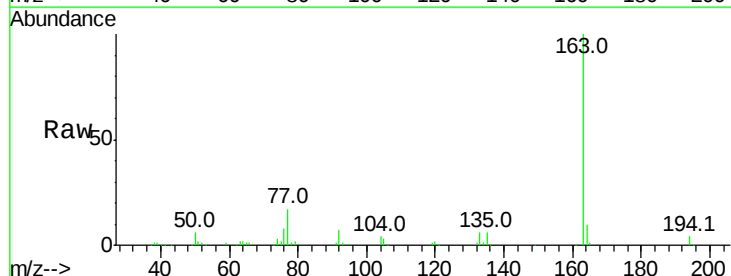
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:172 Resp: 1125586
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.2 19.8 29.8



#49
Dimethylphthalate
Concen: 13.29 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094958.D
Acq: 6 May 2017 13:30

Tgt Ion:163 Resp: 197825
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.5 8.4 12.6

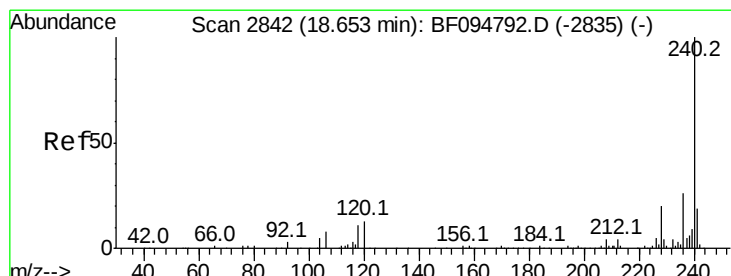
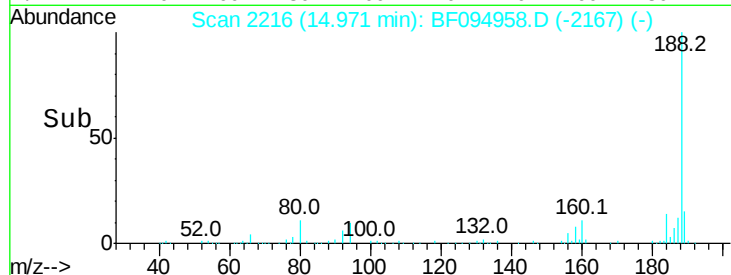
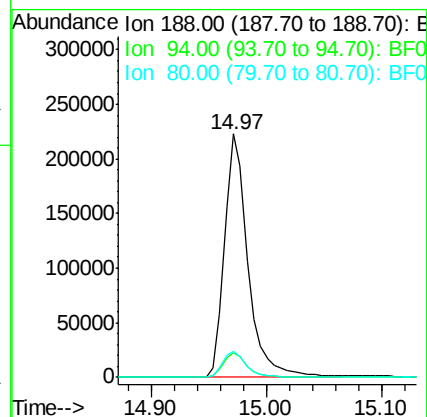
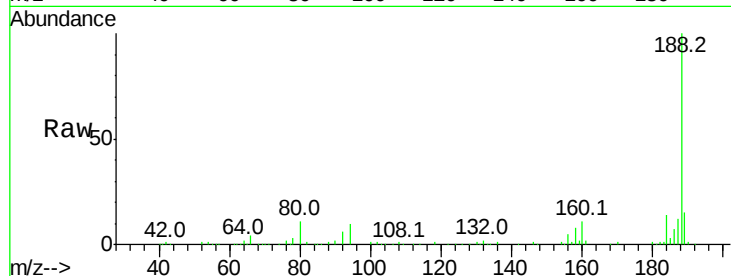




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094958.D
 Acq: 6 May 2017 13:30

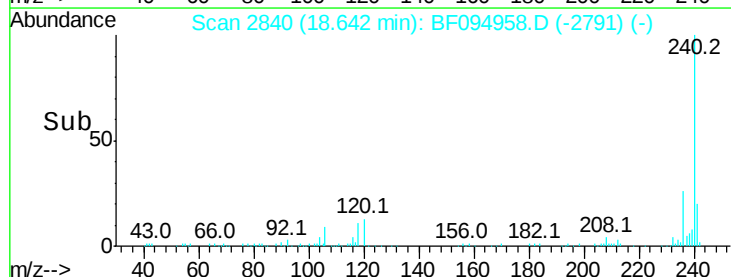
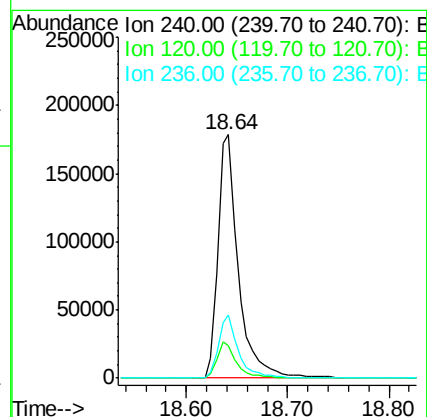
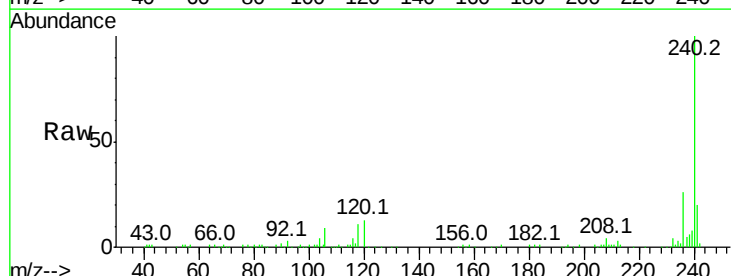
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.7	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094958.D
 Acq: 6 May 2017 13:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.1	20.5	30.7

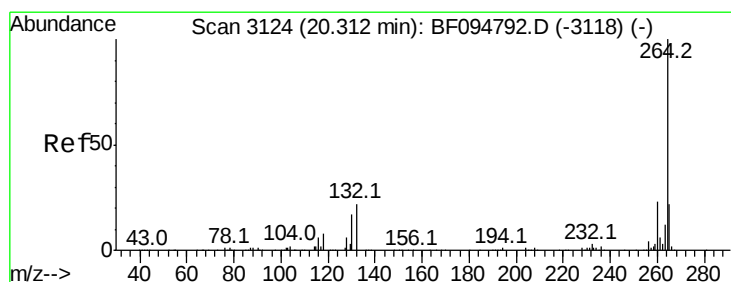
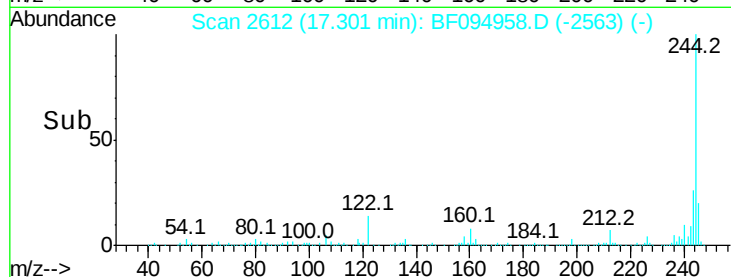
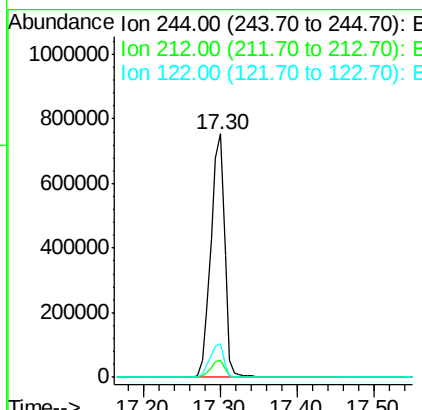
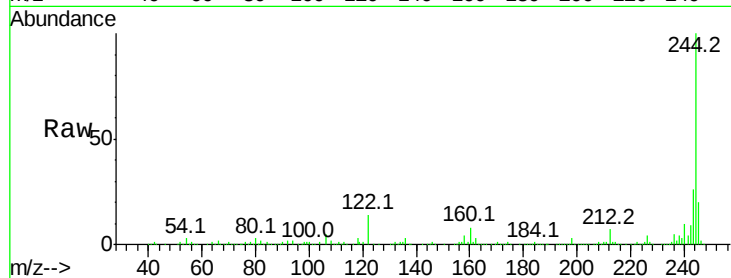




#78
 Terphenyl-d14
 Concen: 81.29 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094958.D
 Acq: 6 May 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:244 Resp: 921725
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094958.D
 Acq: 6 May 2017 13:30

Tgt Ion:264 Resp: 185512
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.5 29.3
 265 20.5 17.2 25.8

