

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094768.D
 Acq On : 2 May 2017 00:31
 Operator : SJ/MA
 Sample : I2916-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-7.5)

Quant Time: May 02 05:04:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

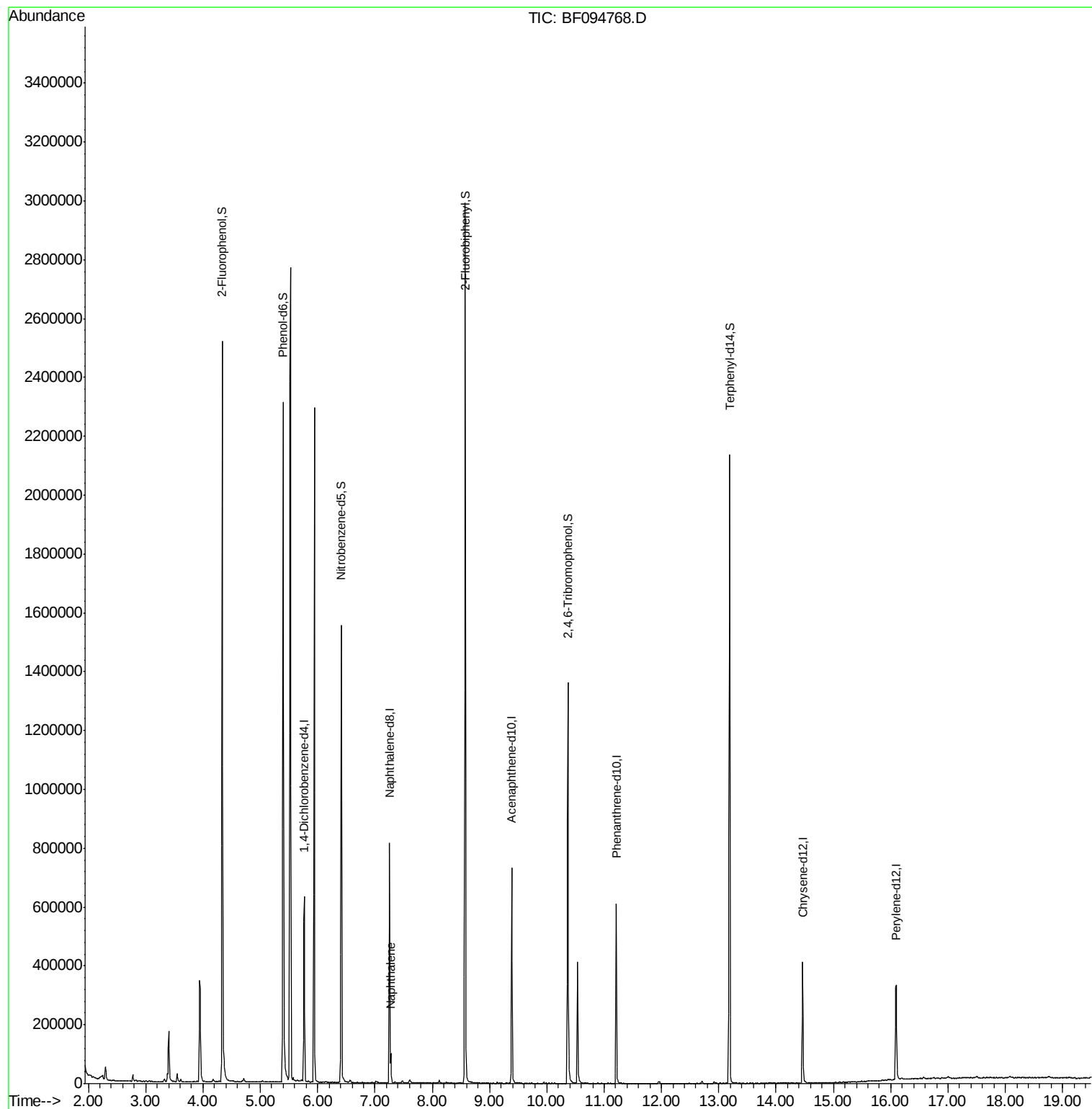
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	102008	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	386294	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	173517	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	262180	20.00	ng	0.00
75) Chrysene-d12	14.46	240	178214	20.00	ng	0.00
86) Perylene-d12	16.09	264	149522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	810229	131.78	ng	0.03
7) Phenol-d6	5.40	99	964271	133.03	ng	0.00
23) Nitrobenzene-d5	6.41	82	604201	96.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	181030	133.38	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1058909	89.79	ng	0.00
78) Terphenyl-d14	13.19	244	768103	115.20	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	44058	2.37	ng	Qvalue 97

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

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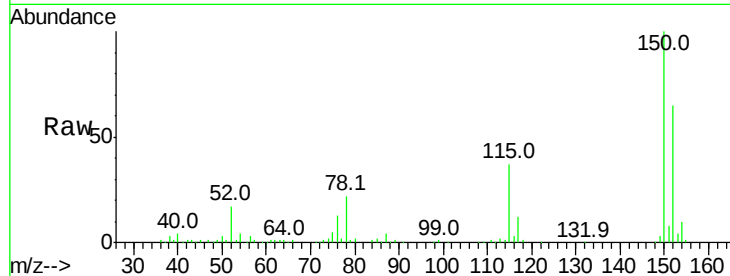


#1

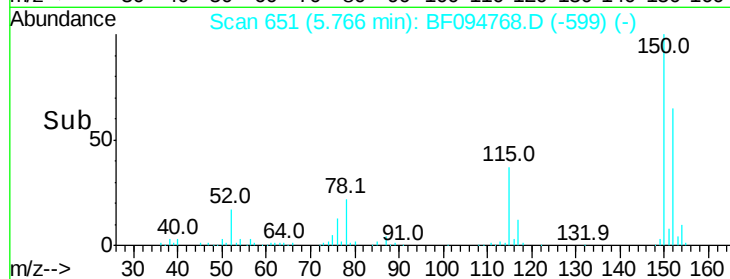
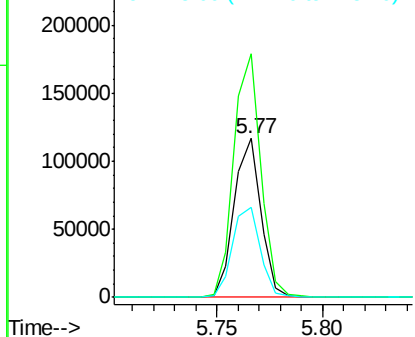
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094768.D
Acq: 2 May 2017 00:31

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP(0-7.5)

Tot Ion:152 Resp: 102008
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 57.0 52.2 78.2



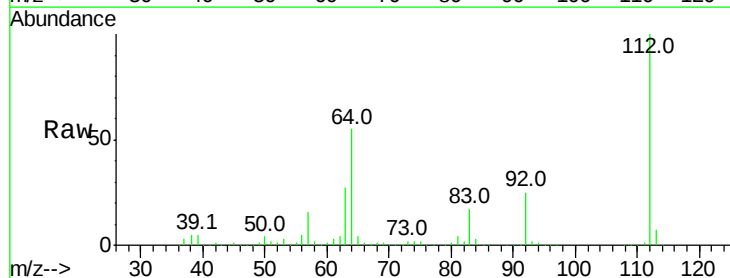
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



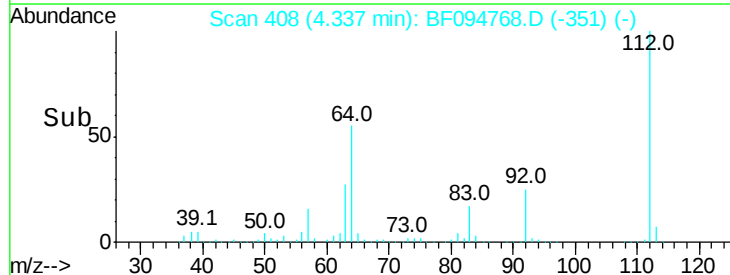
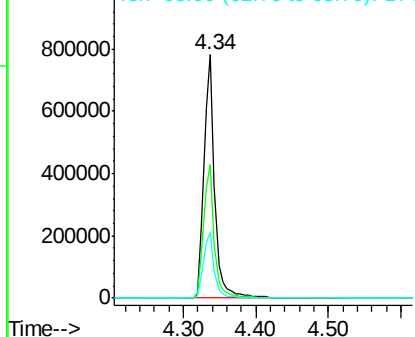
#5

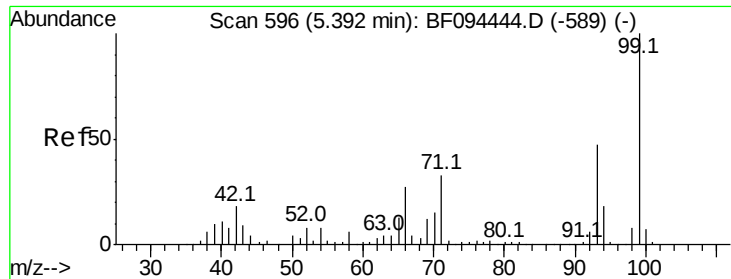
2-Fluorophenol
Concen: 131.78 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094768.D
Acq: 2 May 2017 00:31

Tgt Ion:112 Resp: 810229
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.9 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: 133.03 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-7.5)

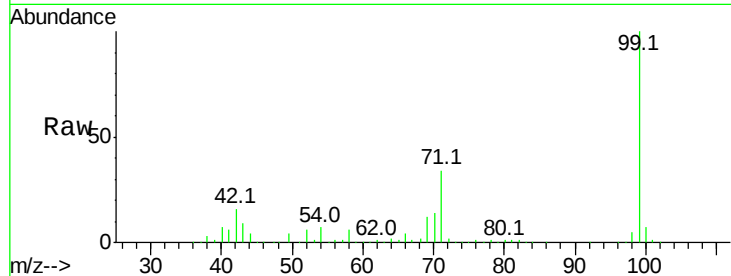
Tot Ion: 99 Resp: 964271

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	33.6	24.5	36.7

99 100

42 16.4 13.5 20.3

71 33.6 24.5 36.7

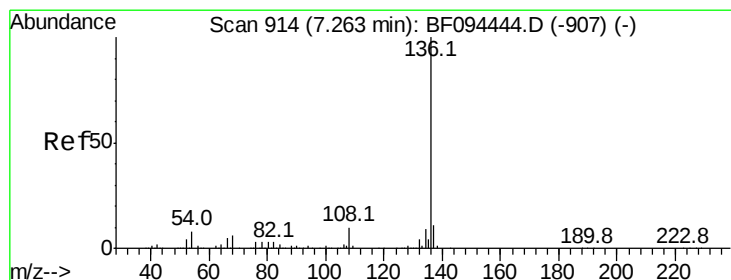
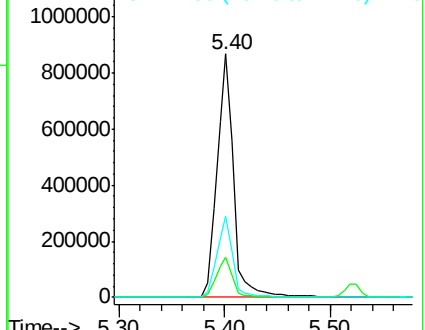
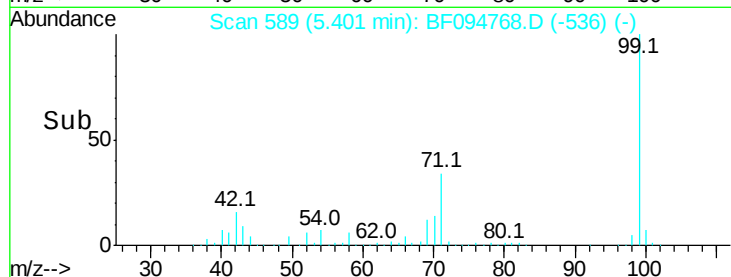


Abundance

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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Tgt Ion: 136 Resp: 386294

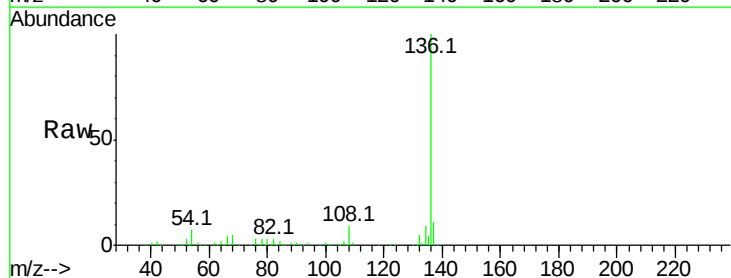
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	5.3	4.1	6.1

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1



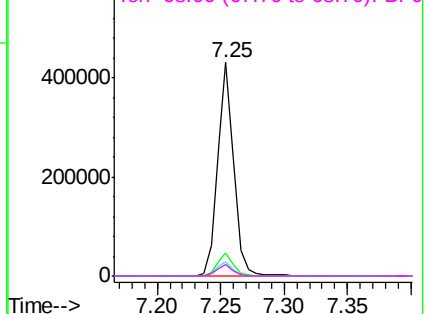
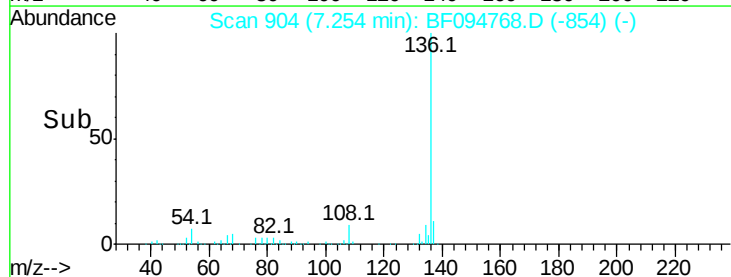
Abundance

Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

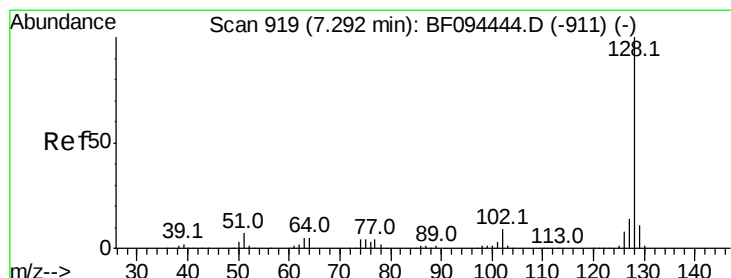
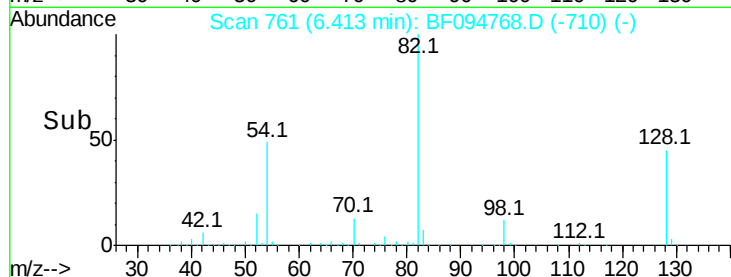
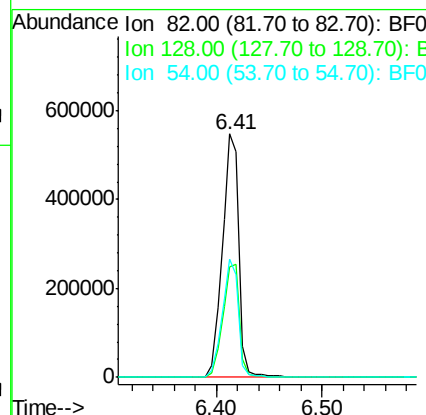
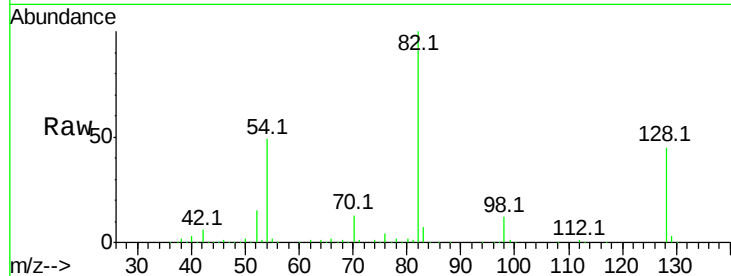




#23
 Nitrobenzene-d5
 Concen: 96.58 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

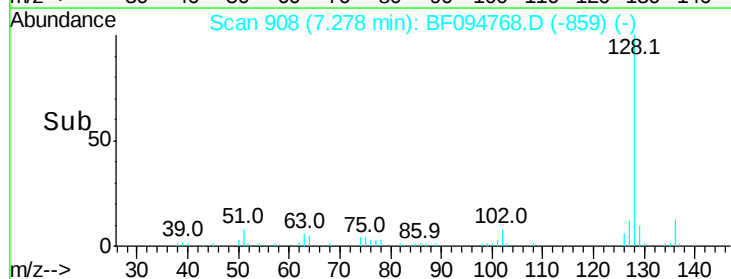
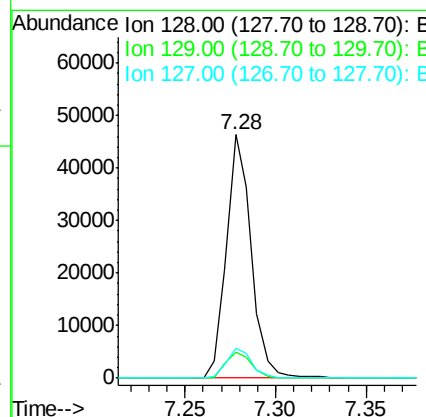
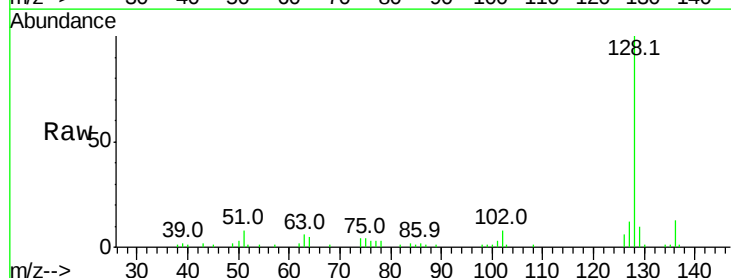
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-7.5)

Tot Ion: 82 Resp: 604201
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 48.5 42.2 63.2



#31
 Naphthalene
 Concen: 2.37 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

Tgt Ion: 128 Resp: 44058
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.0 13.6
 127 12.3 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-7.5)

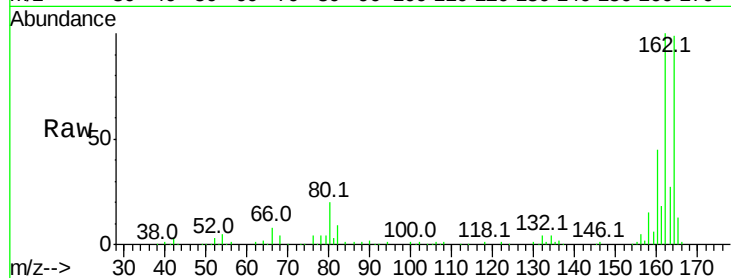
Tot Ion:164 Resp: 173517

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

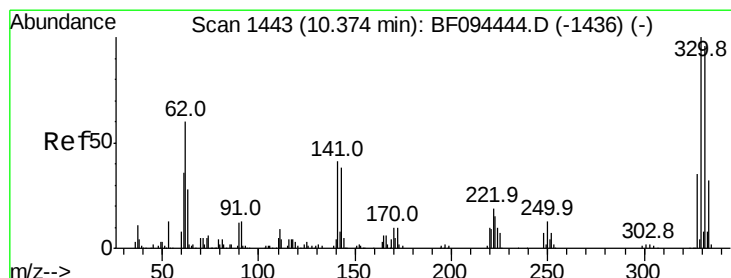
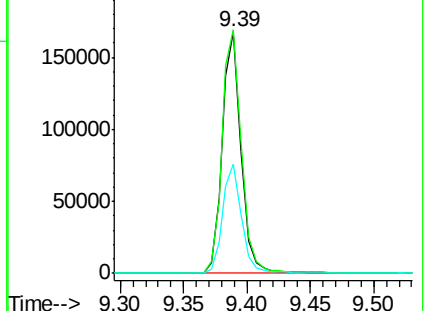
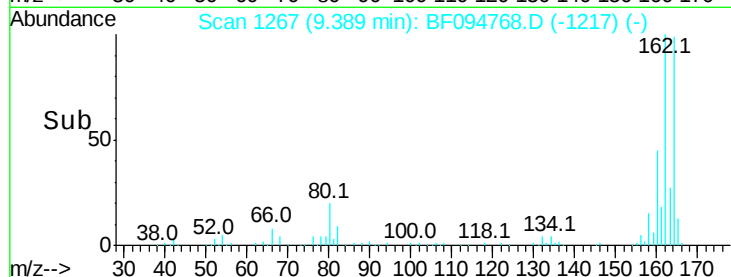
160 45.3 36.2 54.2



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: 133.38 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

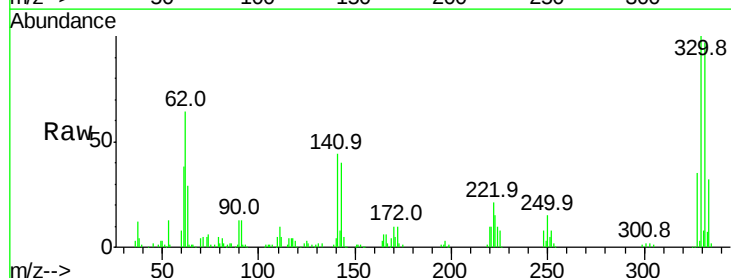
Tgt Ion:330 Resp: 181030

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

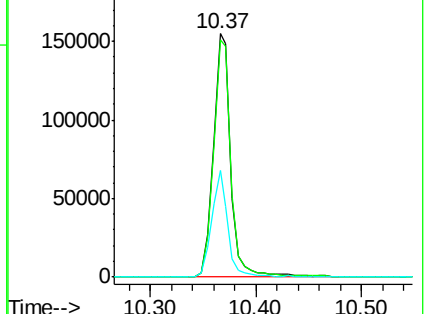
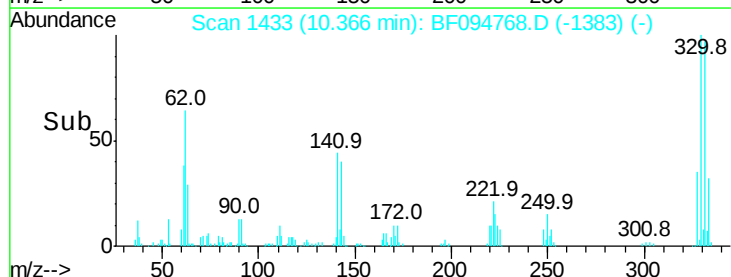
141 40.7 31.4 47.2

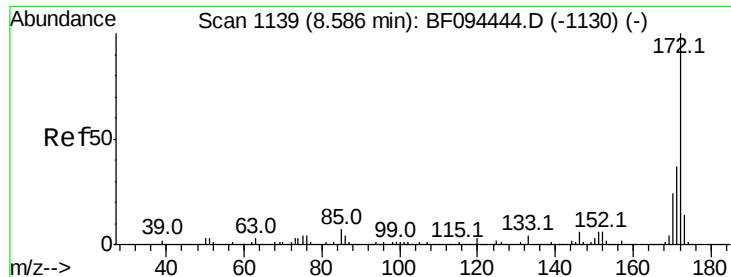


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



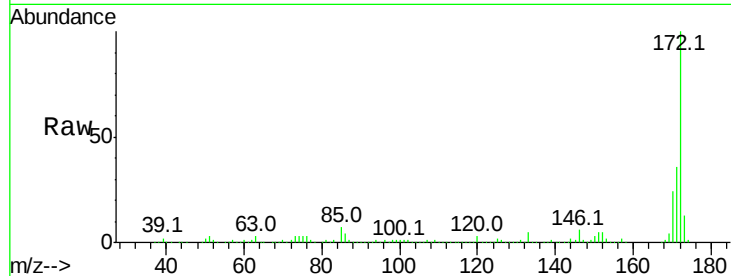


#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

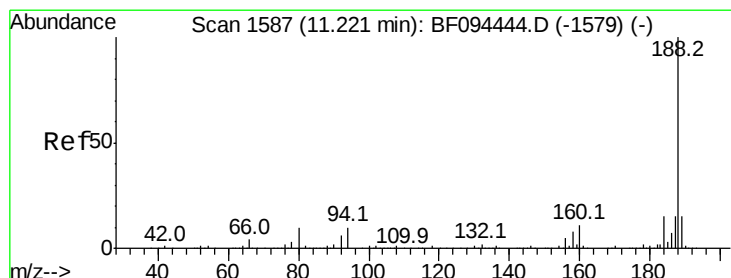
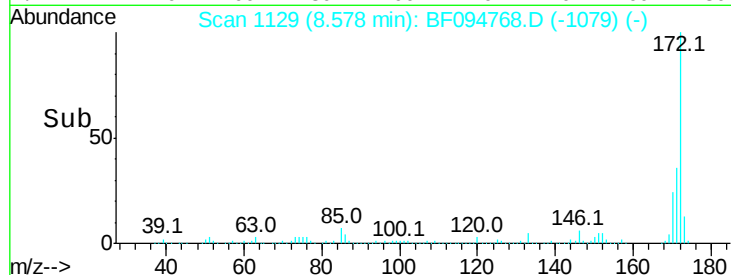
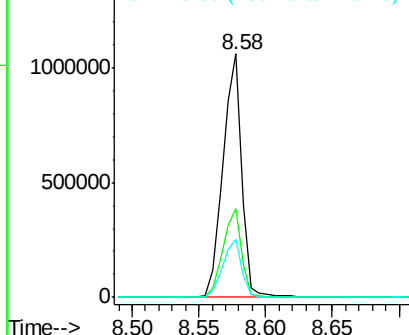
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-7.5)

Tot Ion:172 Resp: 1058909

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	19.8	29.8



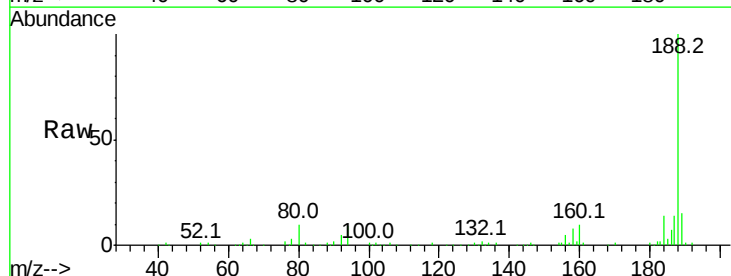
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



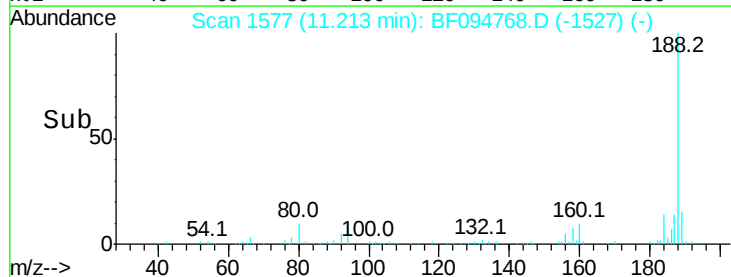
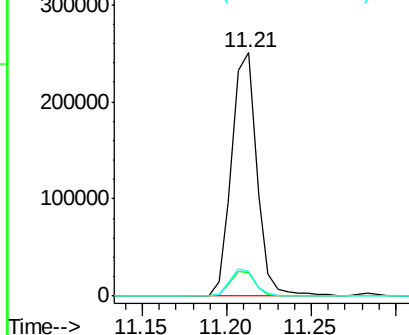
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

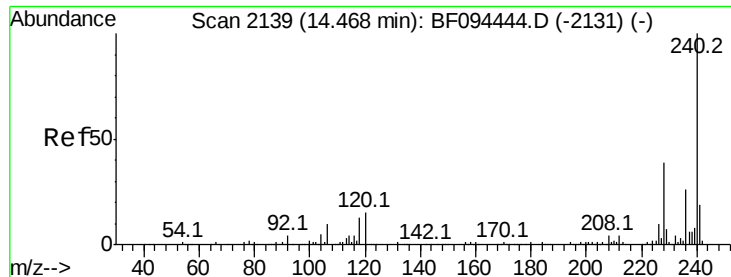
Tgt Ion:188 Resp: 262180

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.4	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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP(0-7.5)

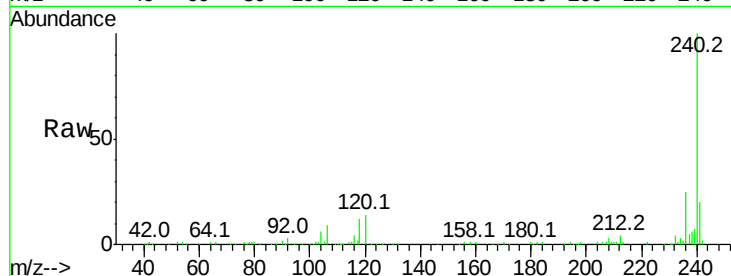
Tot Ion:240 Resp: 178214

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

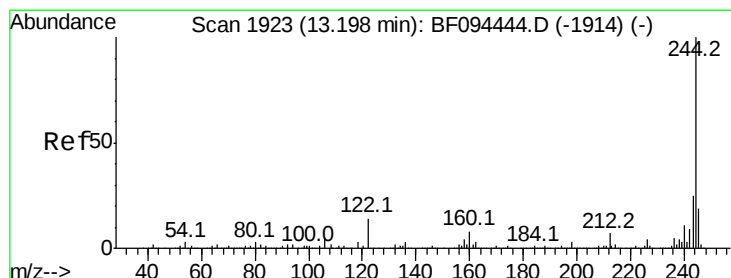
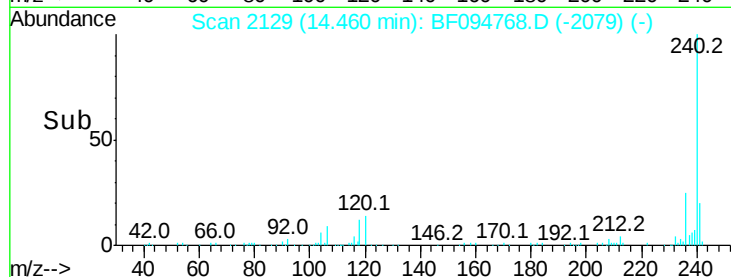
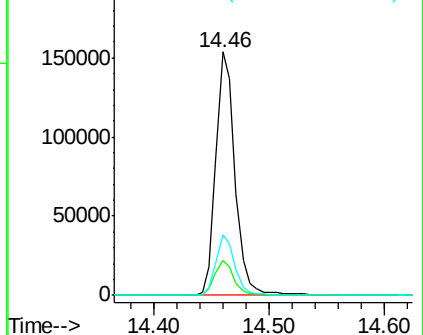
236 24.6 20.5 30.7



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: 115.20 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

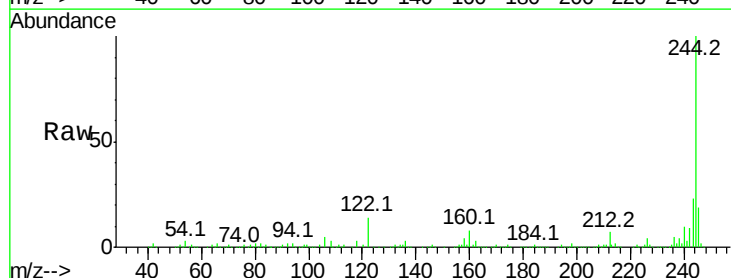
Tgt Ion:244 Resp: 768103

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

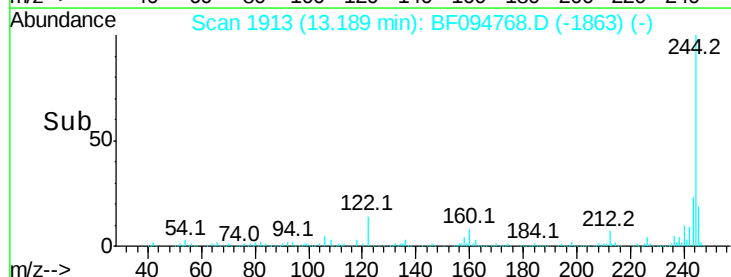
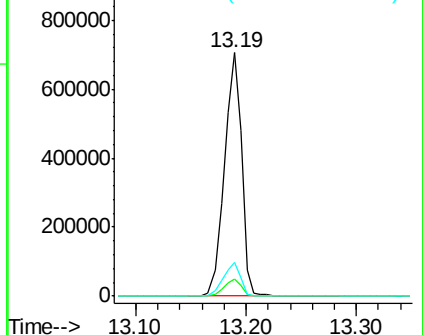
122 13.6 10.3 15.5

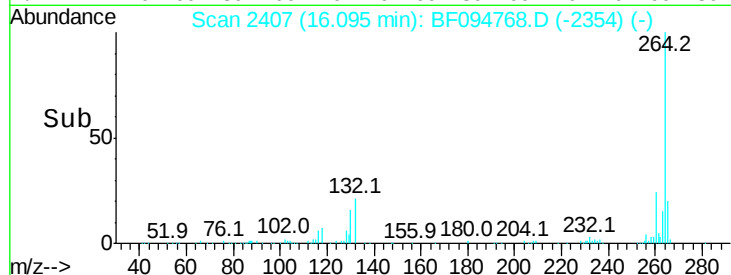
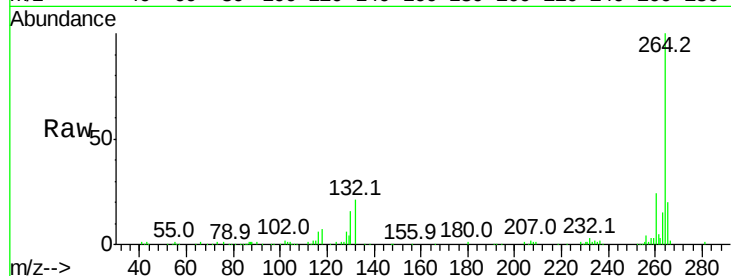
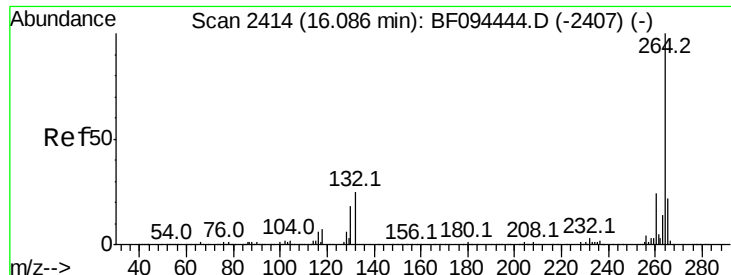


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP(0-7.5)

Tot Ion:	264	Resp:	149522
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.3	17.2	25.8

