

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094764.D
 Acq On : 1 May 2017 22:15
 Operator : SJ/MA
 Sample : I2914-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP(0-1.0)

Quant Time: May 02 04:16:52 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	108079	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	426761	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	169343	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	256603	20.00	ng	0.00
75) Chrysene-d12	14.47	240	210434	20.00	ng	0.00
86) Perylene-d12	16.09	264	156395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	793153	121.75	ng	0.03
7) Phenol-d6	5.40	99	943524	122.86	ng	0.00
23) Nitrobenzene-d5	6.41	82	566171	81.92	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	184821	139.53	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1106752	96.16	ng	0.00
78) Terphenyl-d14	13.19	244	780212	99.10	ng	0.00

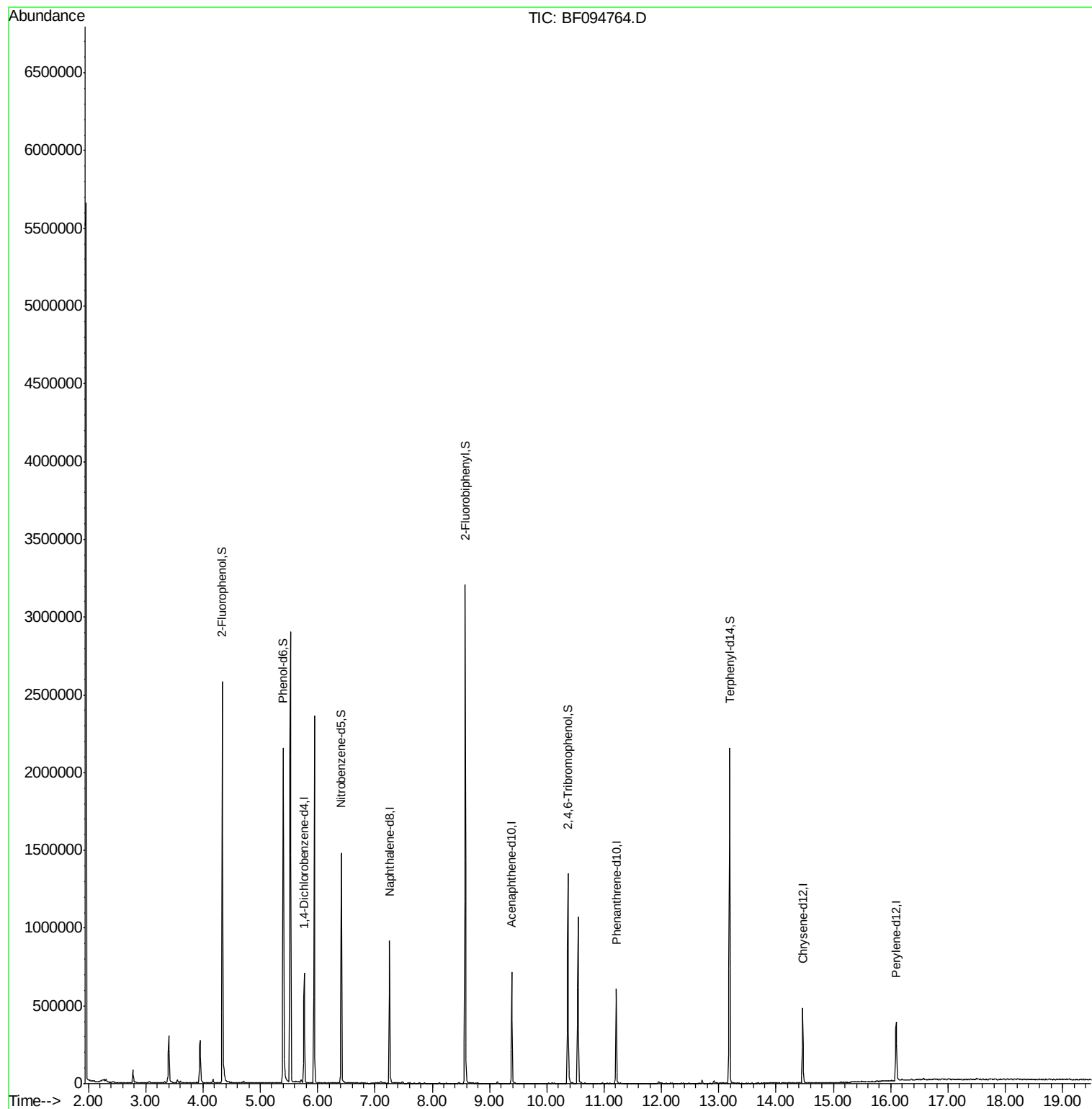
Target Compounds Qvalue

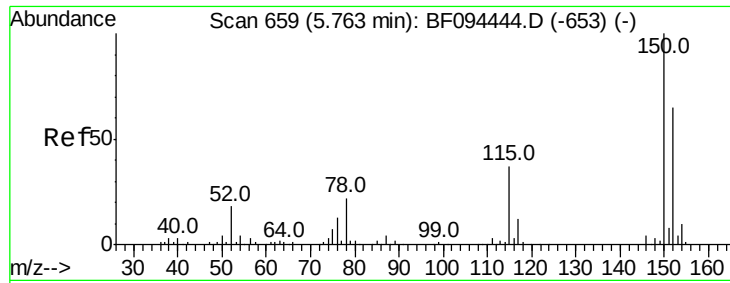
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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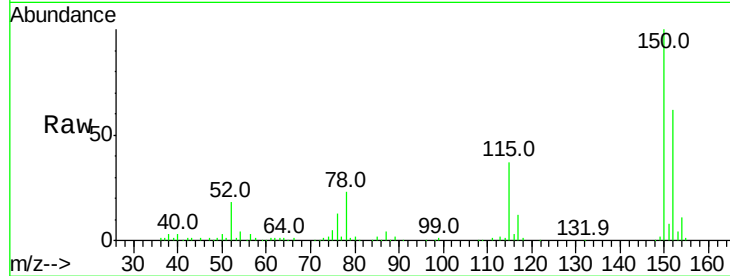


#1

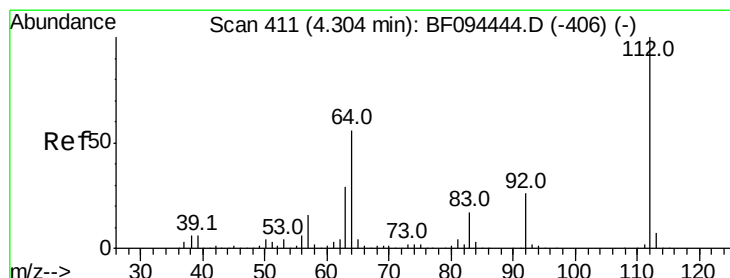
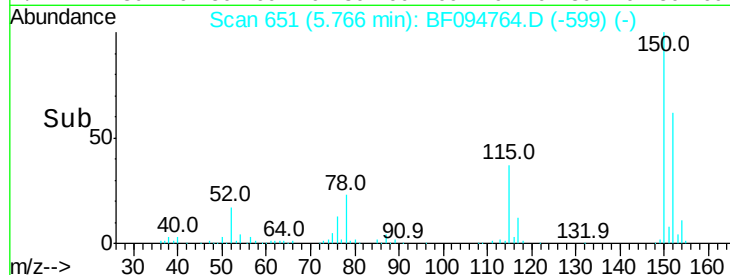
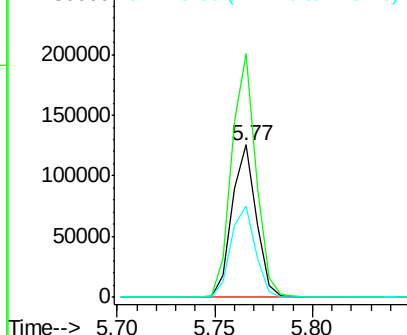
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094764.D
Acq: 1 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP(0-1.0)

Tot Ion:152 Resp: 108079
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 59.9 52.2 78.2



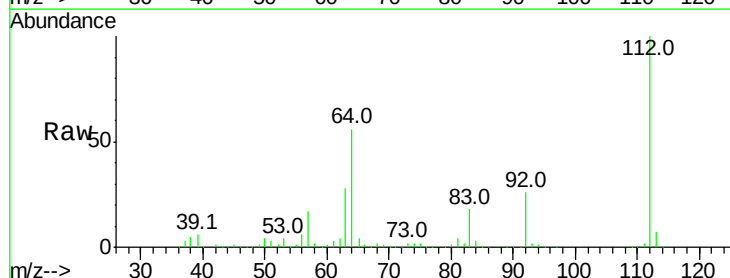
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



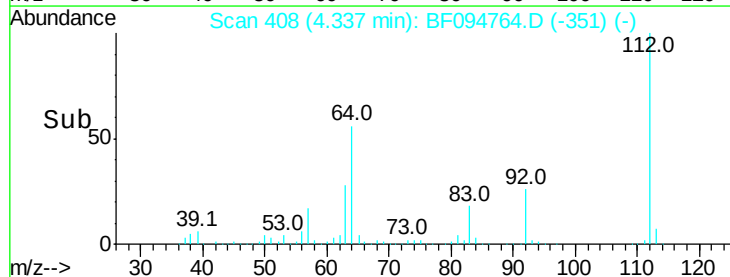
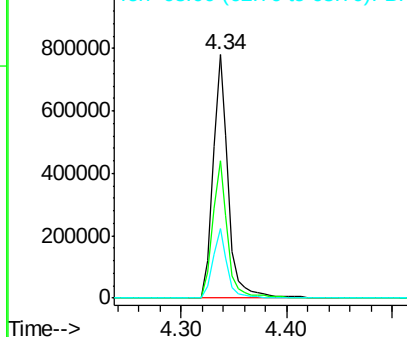
#5

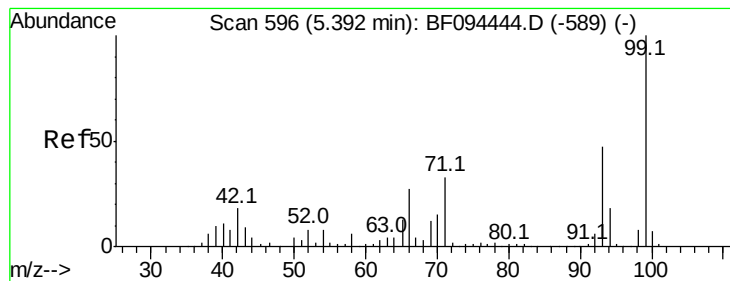
2-Fluorophenol
Concen: 121.75 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094764.D
Acq: 1 May 2017 22:15

Tgt Ion:112 Resp: 793153
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.4 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: 122.86 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094764.D

Acq: 1 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP(0-1.0)

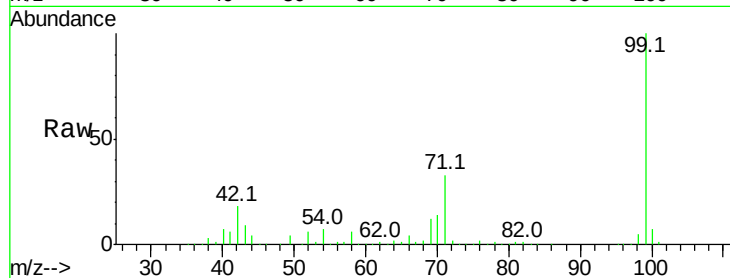
Tot Ion: 99 Resp: 943524

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

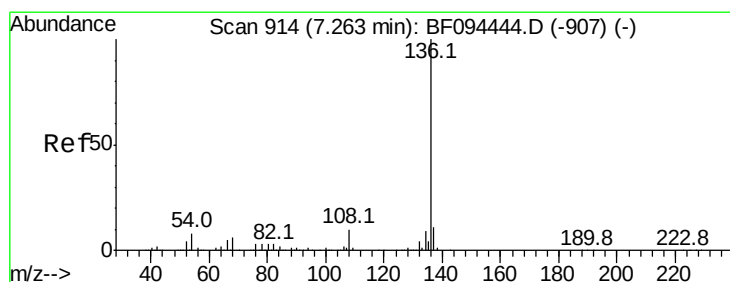
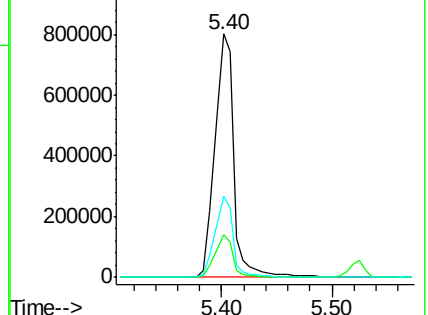
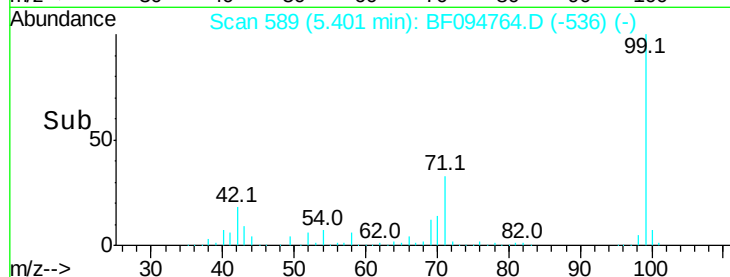
71 33.4 24.5 36.7



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: BF094764.D

Acq: 1 May 2017 22:15

Tgt Ion: 136 Resp: 426761

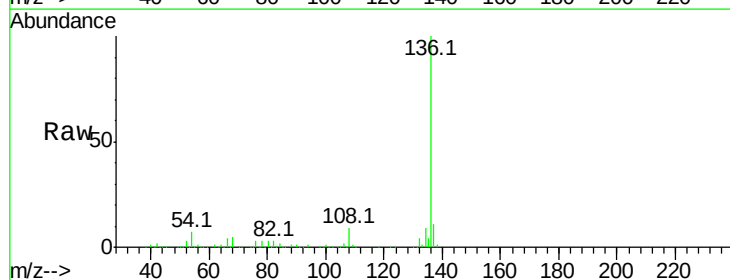
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.0 4.1 6.1

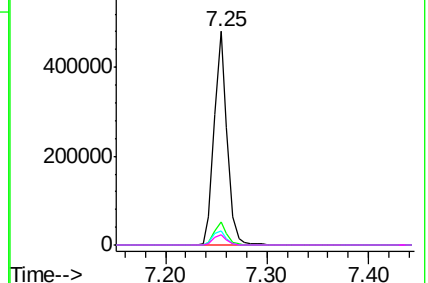
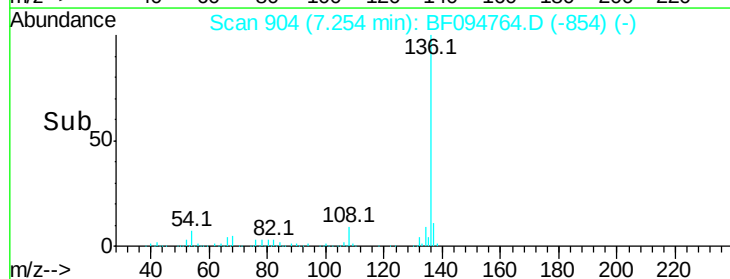


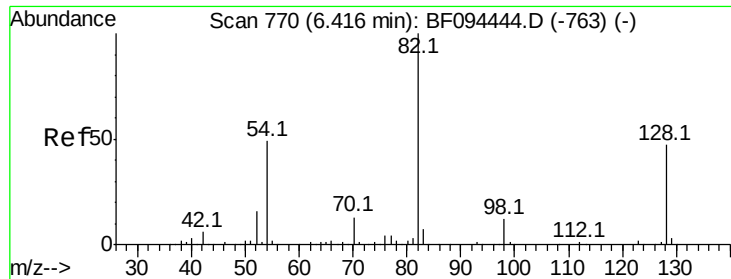
Abundance Ion 136.00 (135.70 to 136.70): E

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

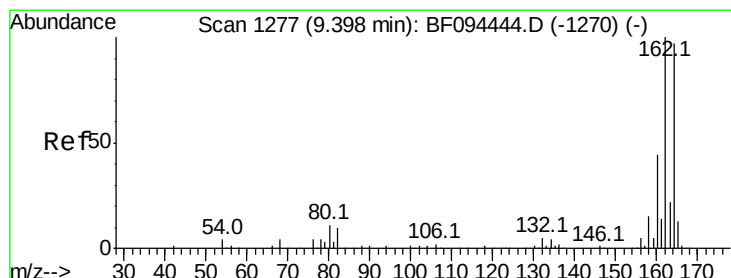
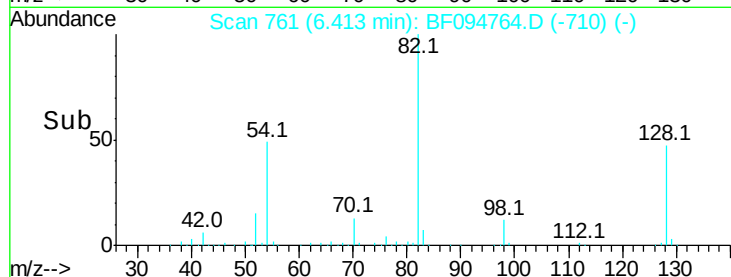
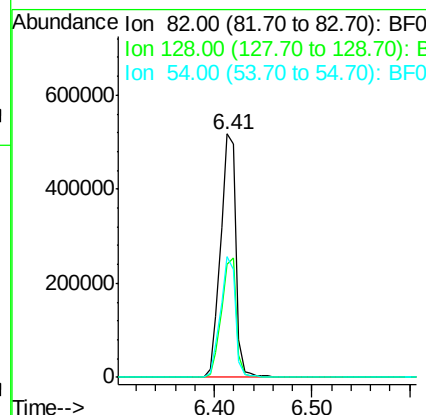
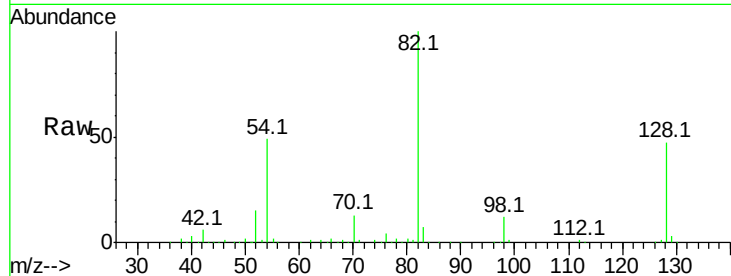




#23
 Nitrobenzene-d5
 Concen: 81.92 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

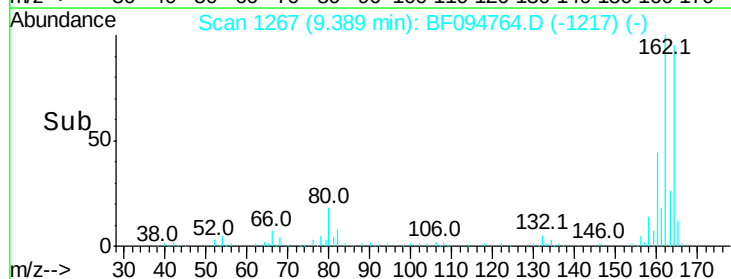
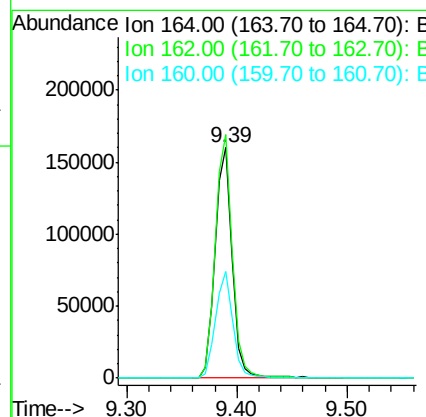
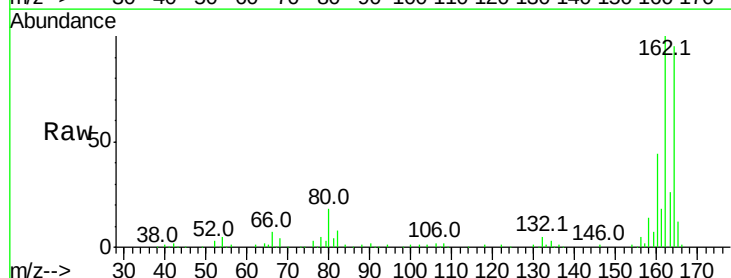
Instrument :
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 SB-11-COMP(0-1.0)

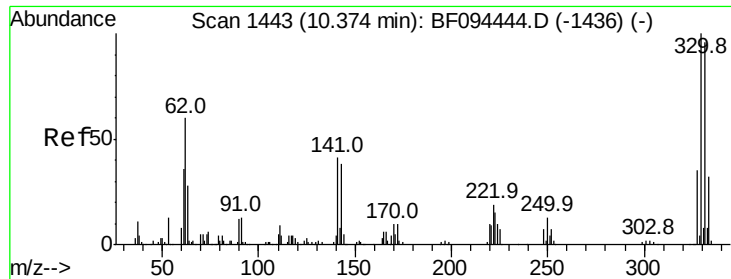
Tot Ion: 82 Resp: 566171
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

Tgt Ion:164 Resp: 169343
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 46.6 36.2 54.2

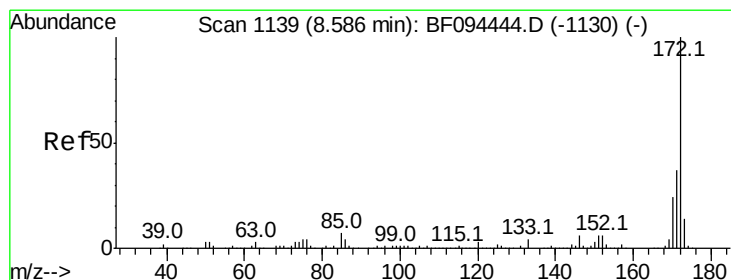
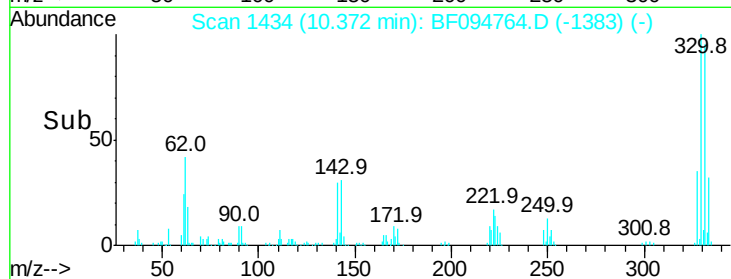
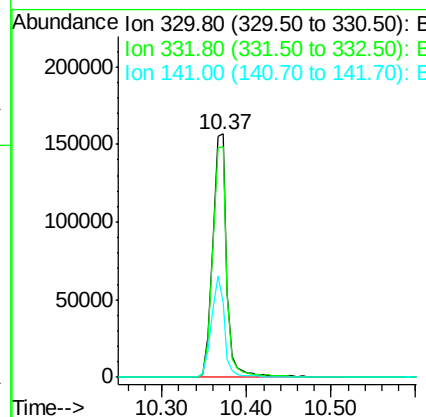
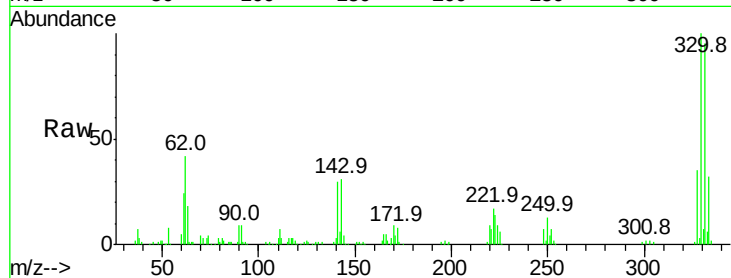




#41
 2,4,6-Tribromophenol
 Concen: 139.53 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

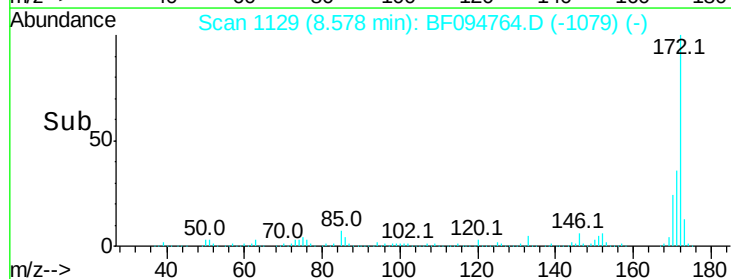
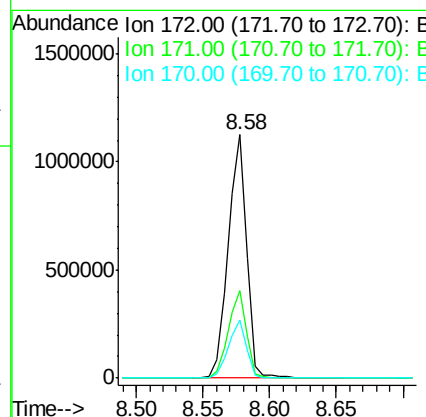
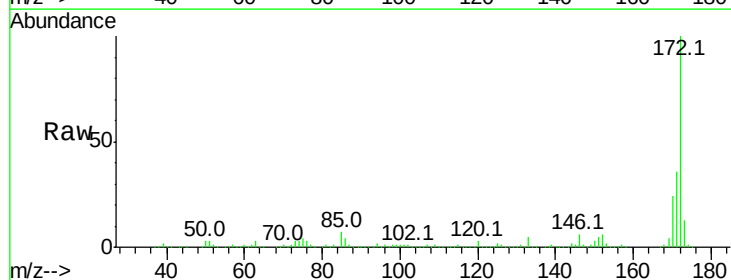
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP(0-1.0)

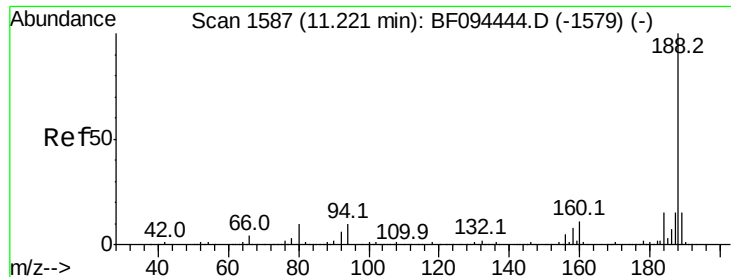
Tot Ion:330 Resp: 184821
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 38.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 96.16 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

Tgt Ion:172 Resp: 1106752
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094764.D

Acq: 1 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP(0-1.0)

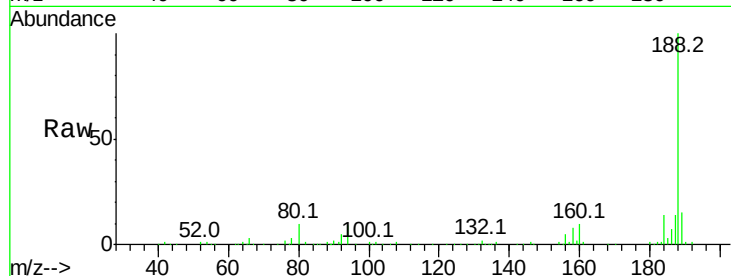
Tot Ion:188 Resp: 256603

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

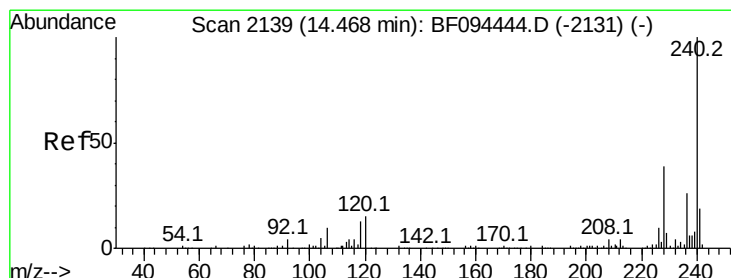
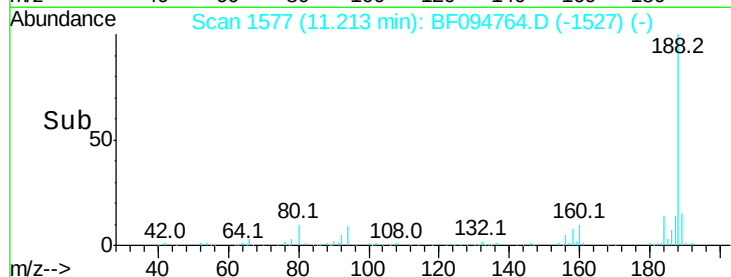
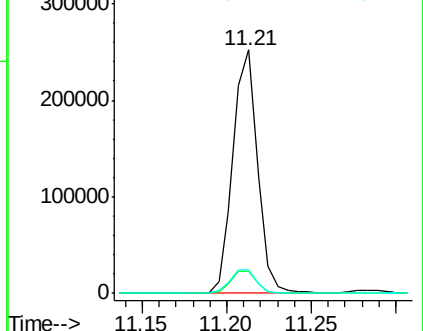
80 9.5 10.2 15.2#



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094764.D

Acq: 1 May 2017 22:15

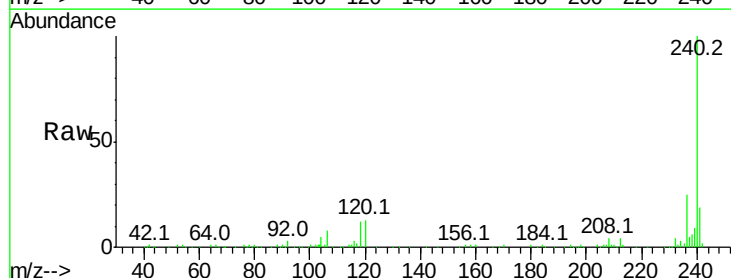
Tgt Ion:240 Resp: 210434

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

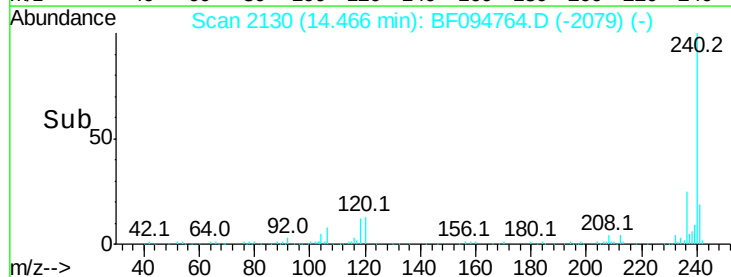
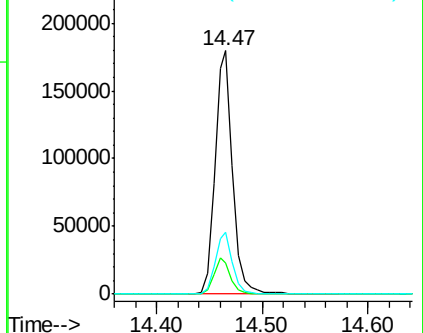
236 25.4 20.5 30.7

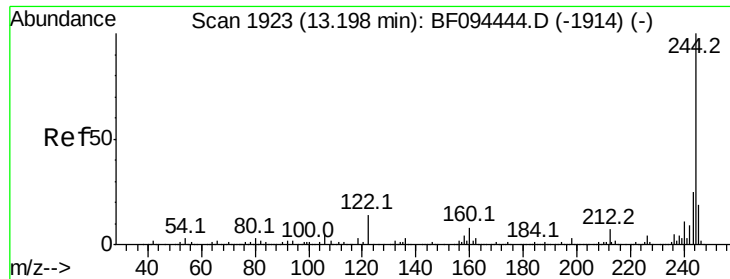


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

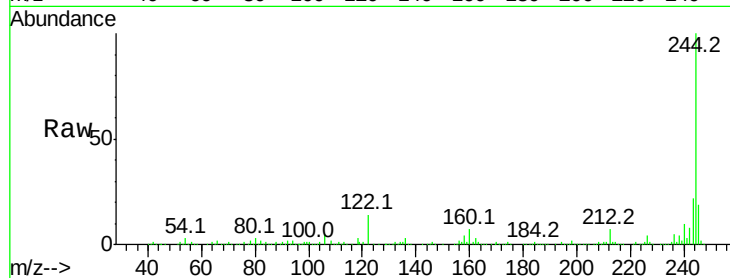




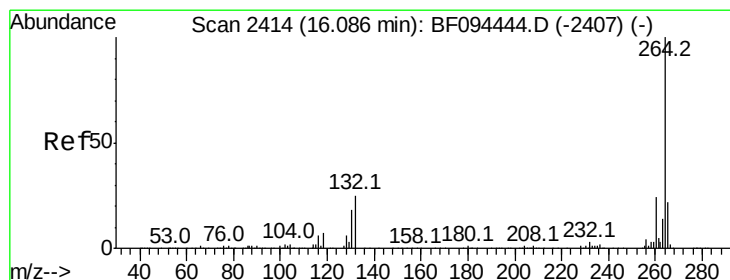
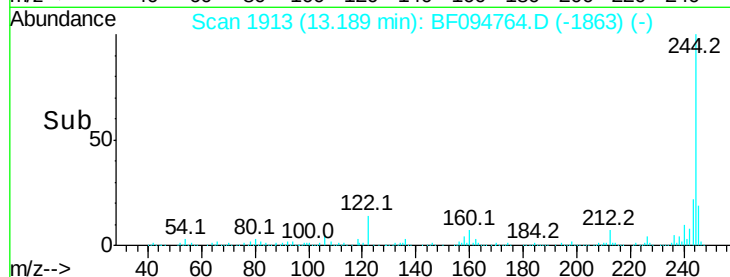
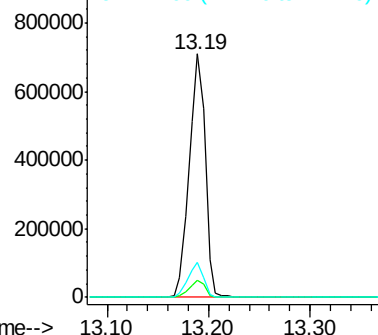
#78
 Terphenyl-d14
 Concen: 99.10 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

Instrument :
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 SB-11-COMP(0-1.0)

Tot Ion:244 Resp: 780212
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.4 10.3 15.5

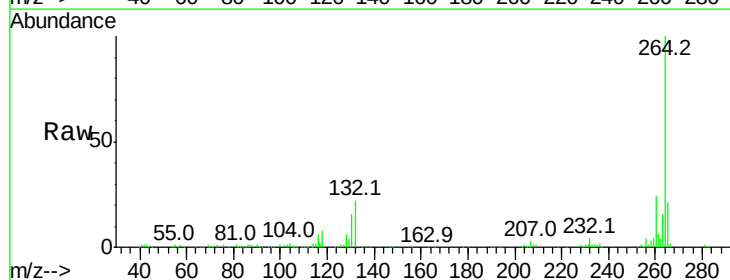


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094764.D
 Acq: 1 May 2017 22:15

Tgt Ion:264 Resp: 156395
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 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

