

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094769.D
 Acq On : 2 May 2017 00:58
 Operator : SJ/MA
 Sample : I2916-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Quant Time: May 02 05:07:24 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

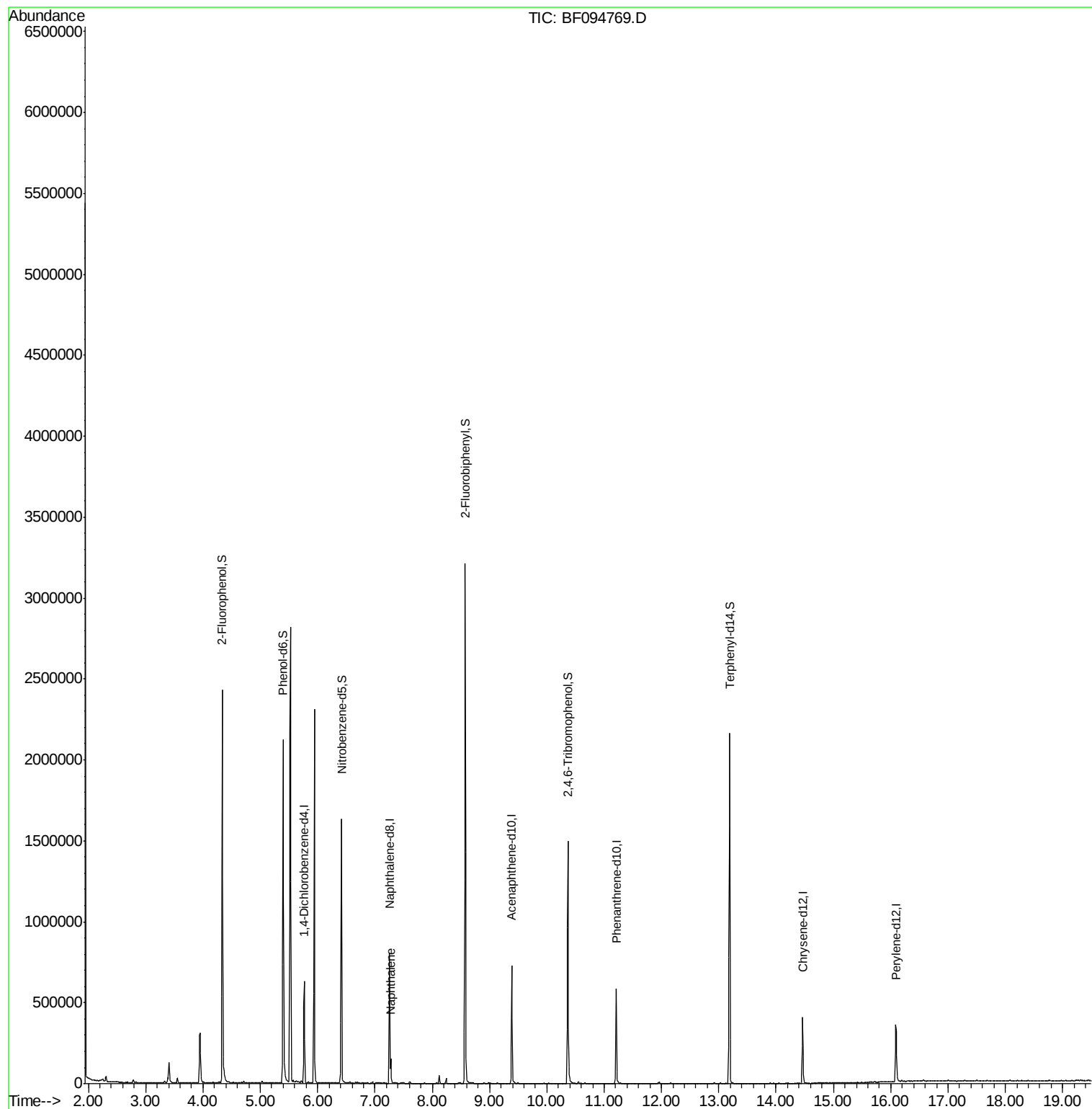
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	98103	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	384223	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	175039	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	261286	20.00	ng	0.00
75) Chrysene-d12	14.46	240	181335	20.00	ng	0.00
86) Perylene-d12	16.09	264	155121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	753806	127.48	ng	0.03
7) Phenol-d6	5.40	99	864844	124.06	ng	0.00
23) Nitrobenzene-d5	6.42	82	609149	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	200032	146.10	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1123103	94.41	ng	0.00
78) Terphenyl-d14	13.19	244	783590	115.50	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	69216	3.75	ng	Qvalue 97

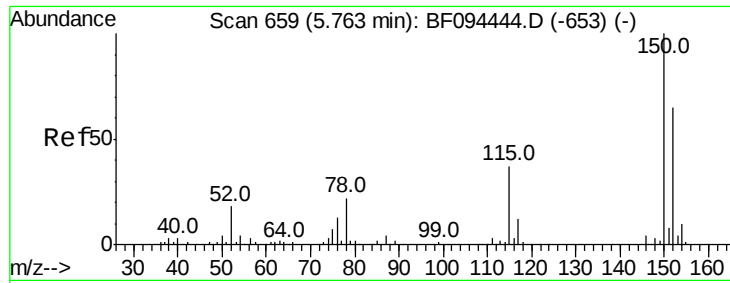
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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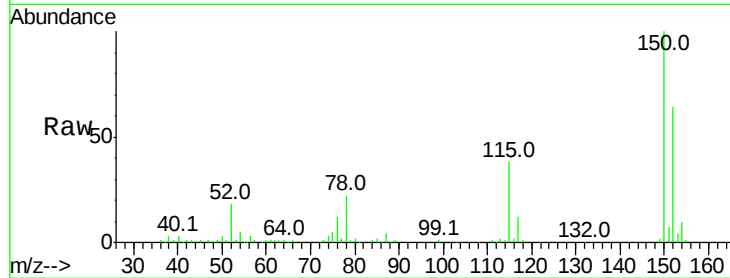


#1

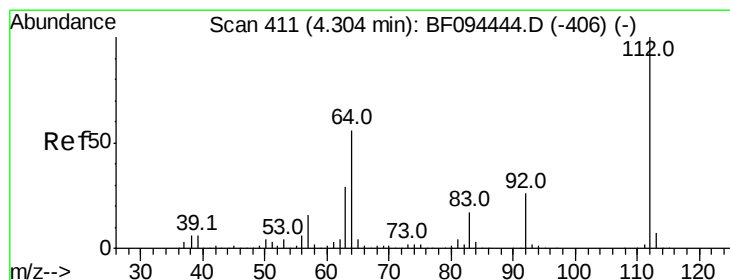
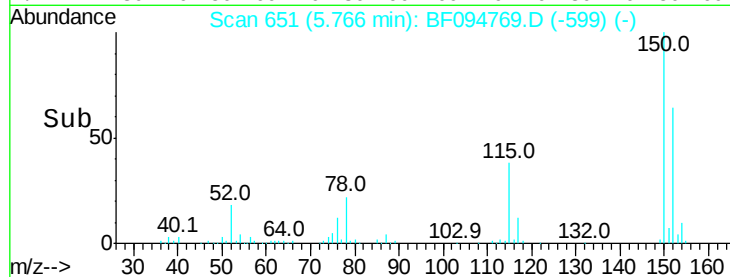
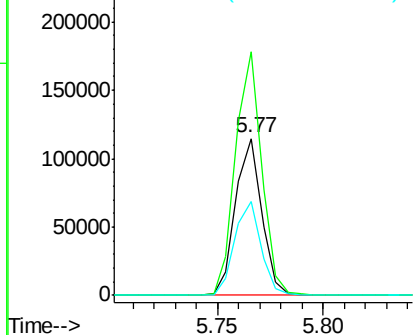
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

Tot Ion:152 Resp: 98103
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.7 52.2 78.2



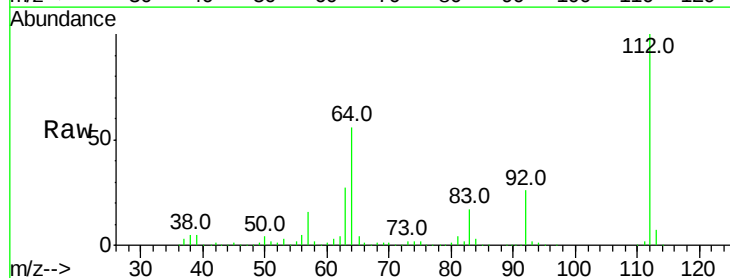
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



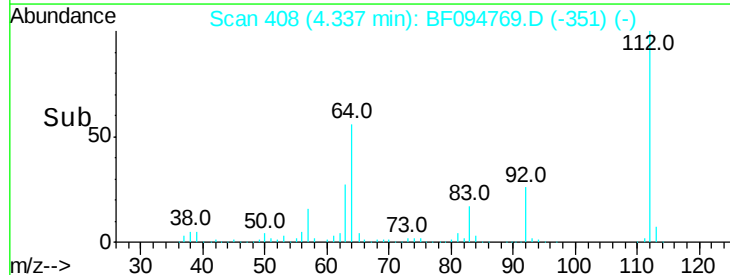
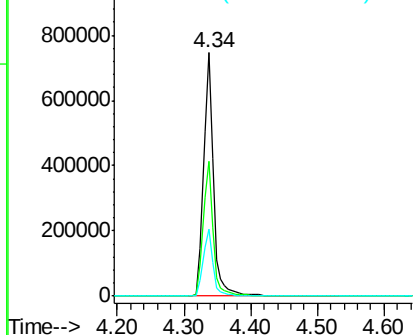
#5

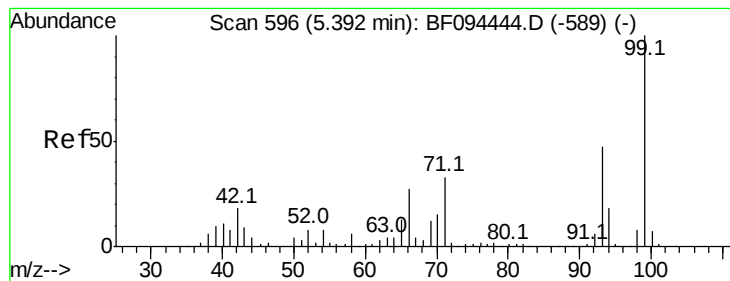
2-Fluorophenol
Concen: 127.48 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Tgt Ion:112 Resp: 753806
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.5 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: 124.06 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

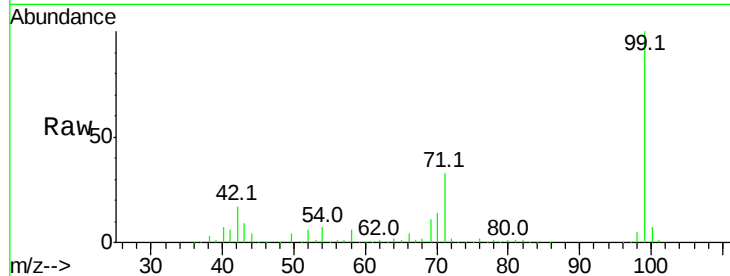
Tot Ion: 99 Resp: 864844

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

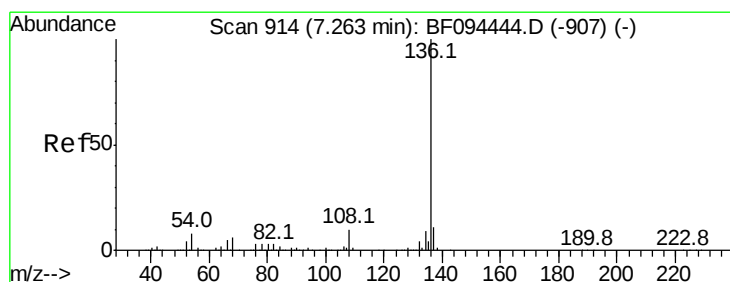
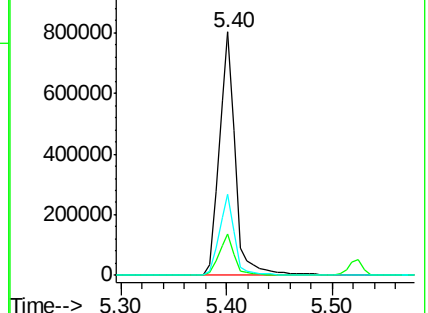
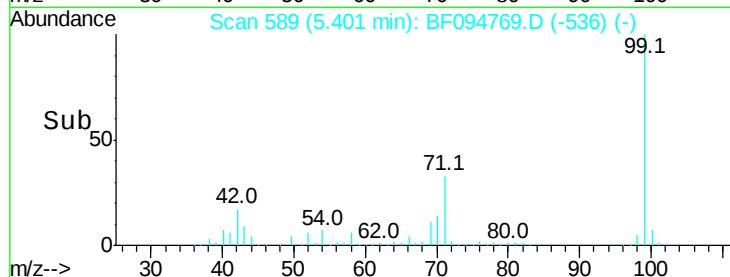
71 33.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

Tgt Ion: 136 Resp: 384223

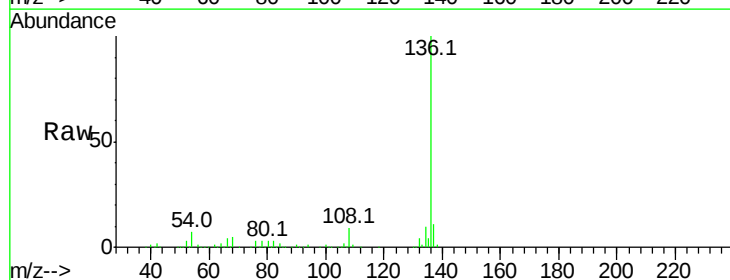
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.4 4.1 6.1

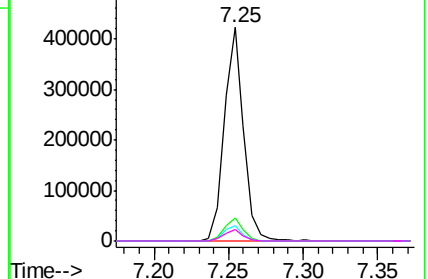
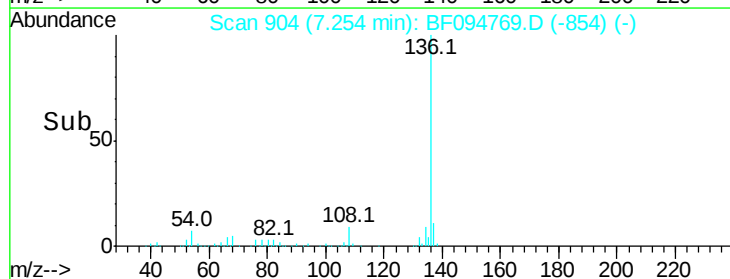


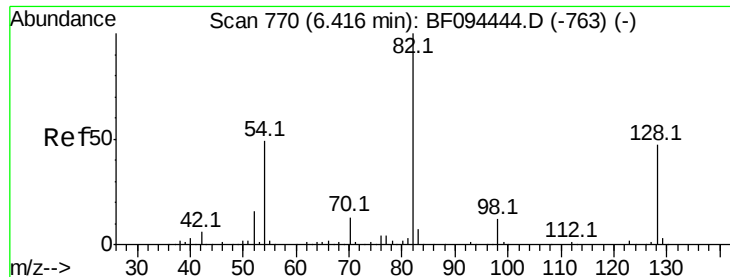
Abundance Ion 136.00 (135.70 to 136.70): E

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

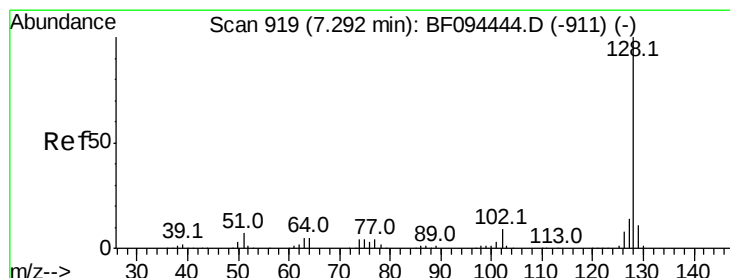
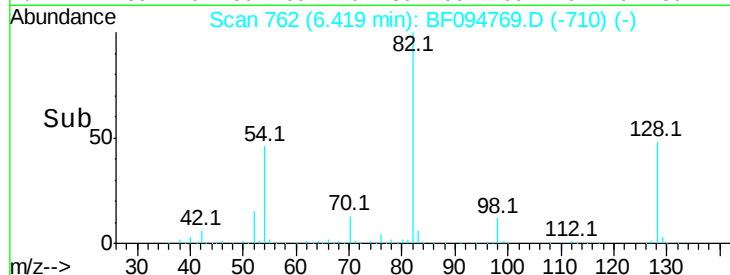
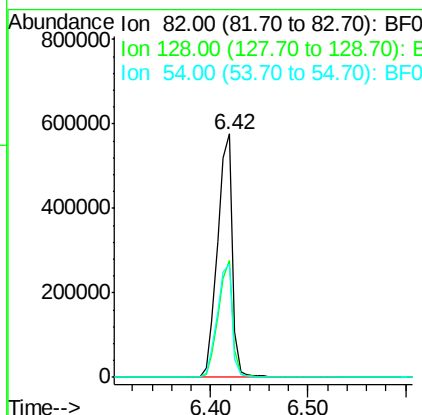
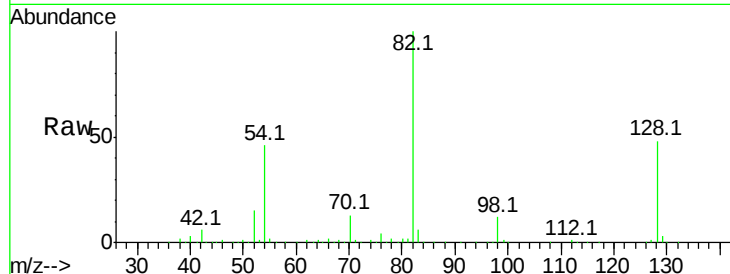




#23
 Nitrobenzene-d5
 Concen: 97.90 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

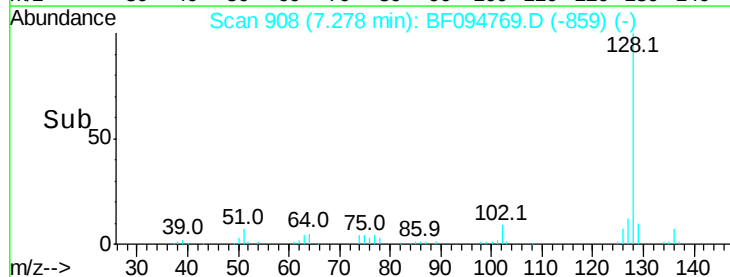
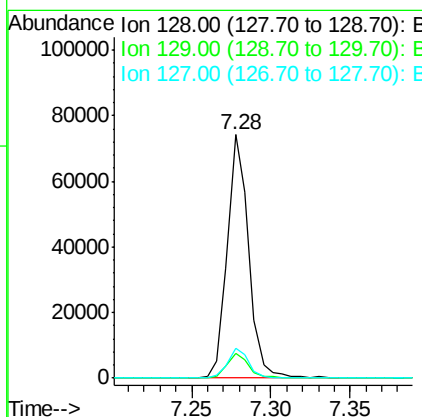
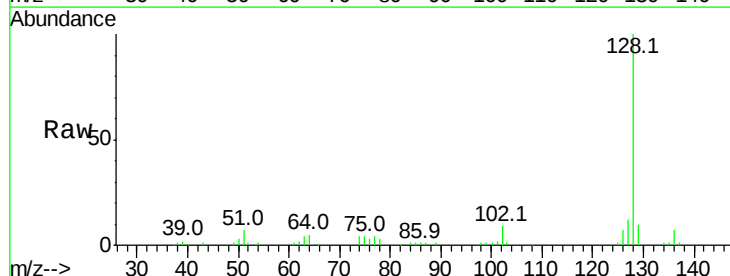
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

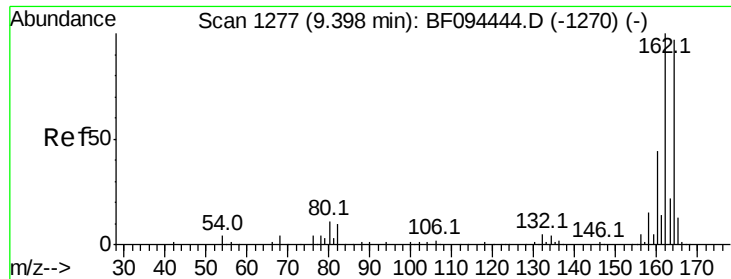
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	46.3	42.2	63.2



#31
 Naphthalene
 Concen: 3.75 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	12.4	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: BF094769.D

Acq: 2 May 2017 00:58

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

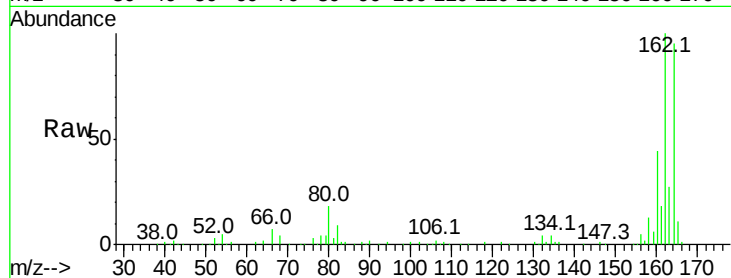
Tot Ion:164 Resp: 175039

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

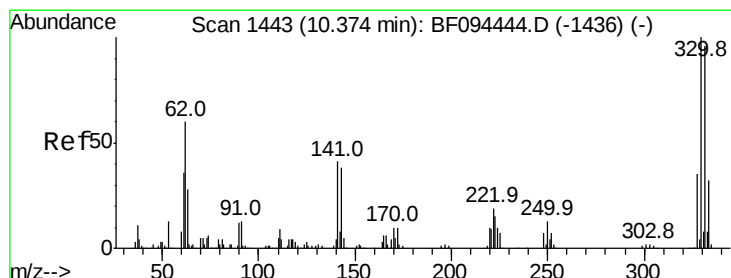
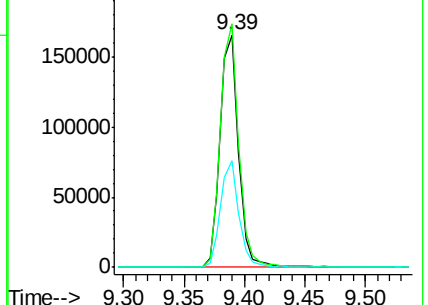
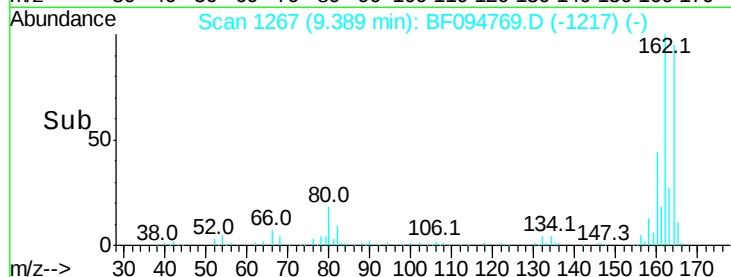
160 45.8 36.2 54.2



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: 146.10 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

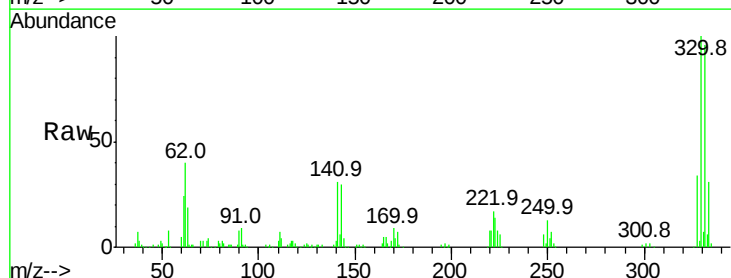
Tgt Ion:330 Resp: 200032

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

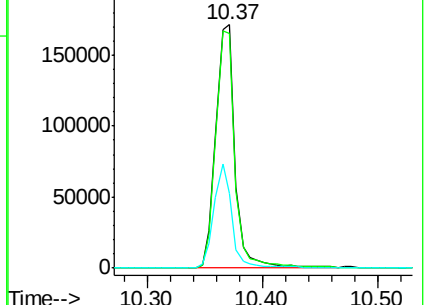
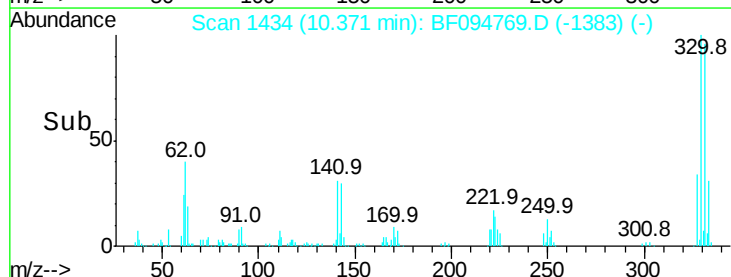
141 39.9 31.4 47.2

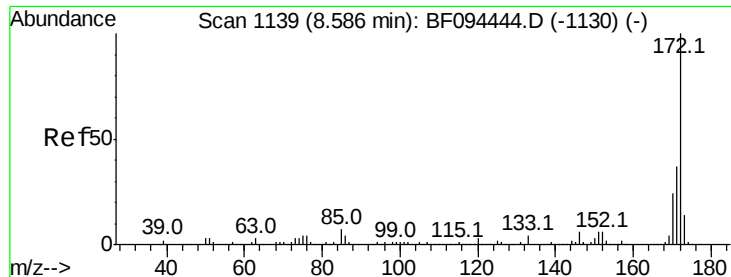


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



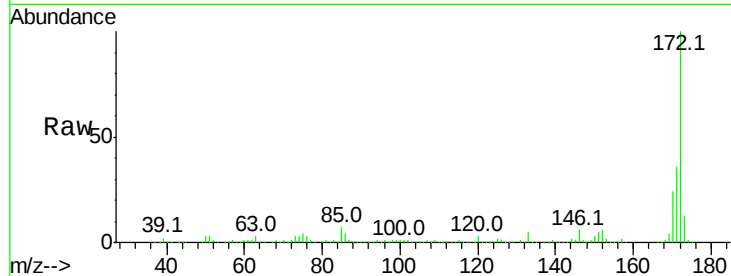


#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

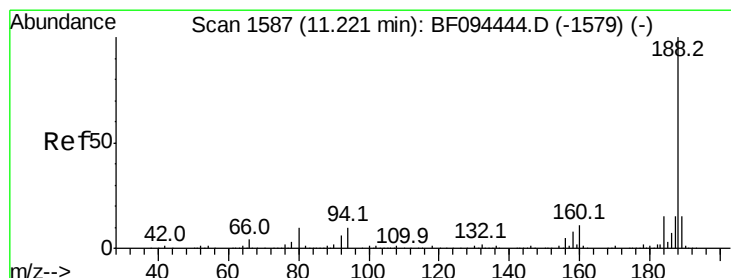
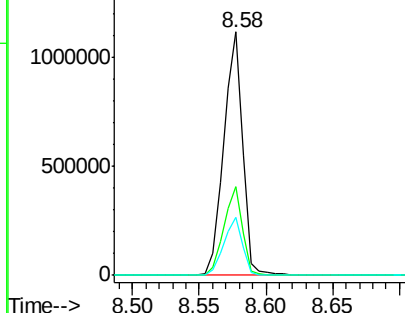
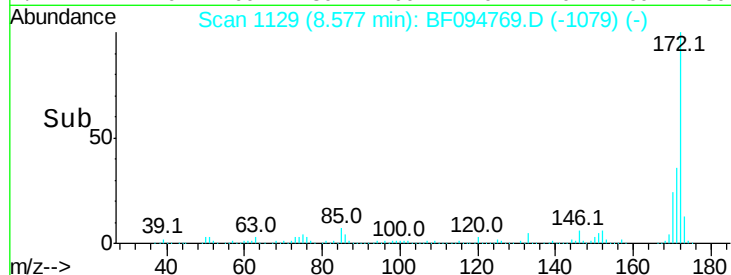
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Tot Ion:172 Resp: 1123103

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8



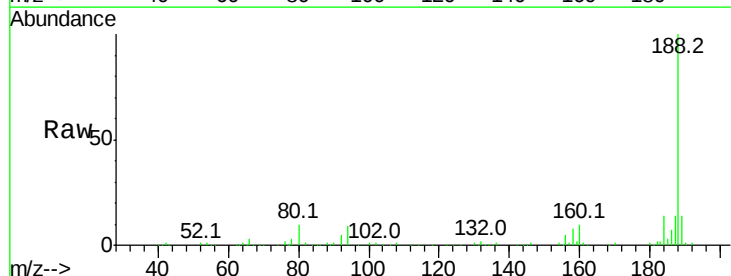
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



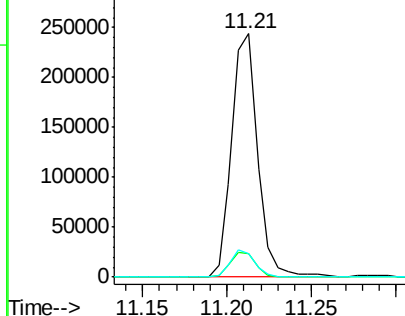
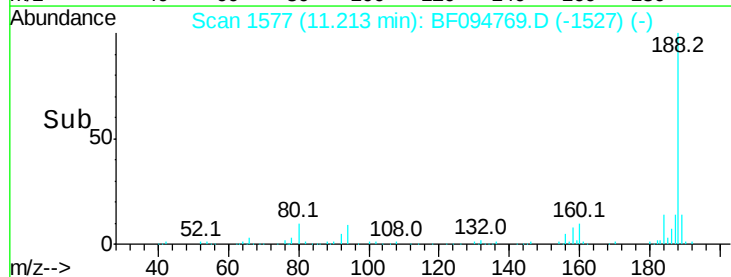
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

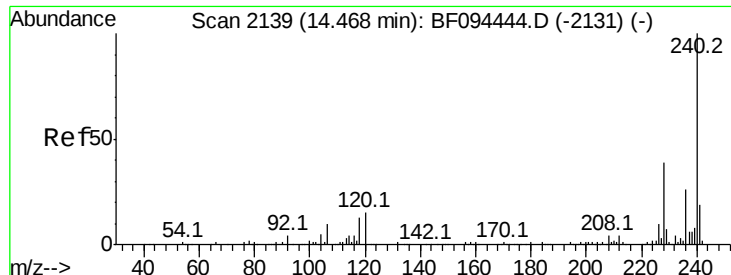
Tgt Ion:188 Resp: 261286

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	9.8	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: BF094769.D

Acq: 2 May 2017 00:58

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

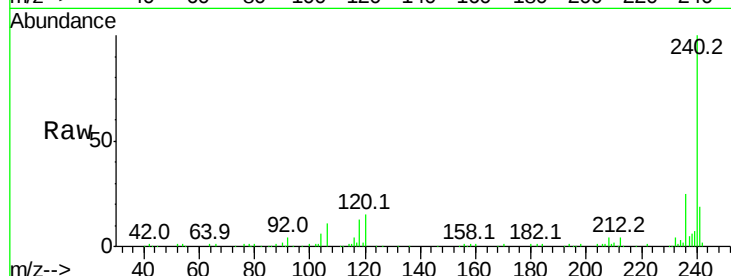
Tot Ion:240 Resp: 181335

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

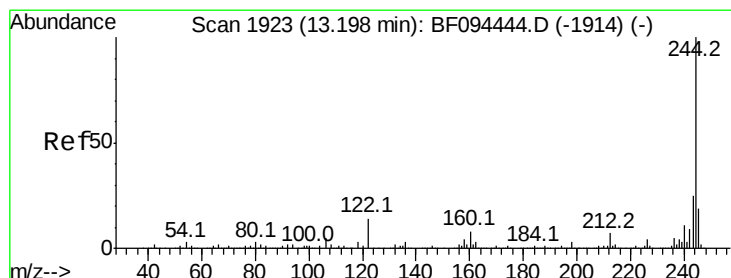
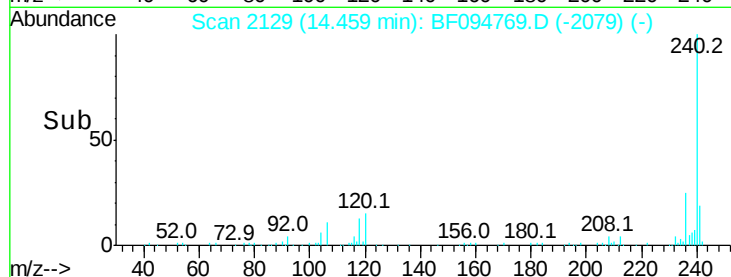
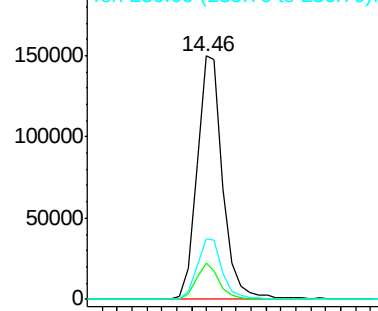
236 24.6 20.5 30.7



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: 115.50 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

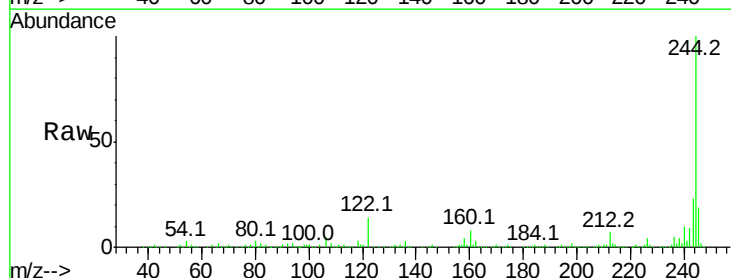
Tgt Ion:244 Resp: 783590

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

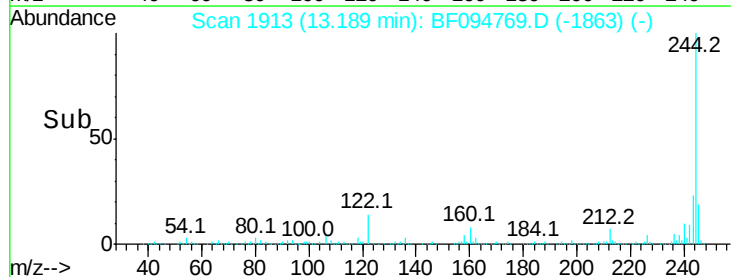
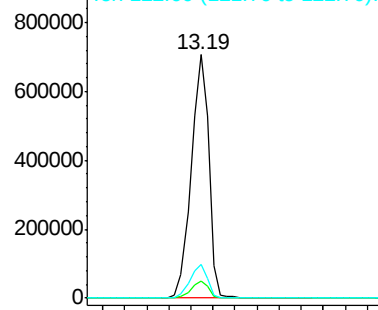
122 14.0 10.3 15.5

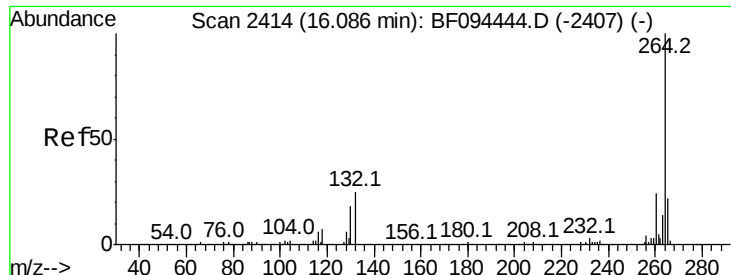


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

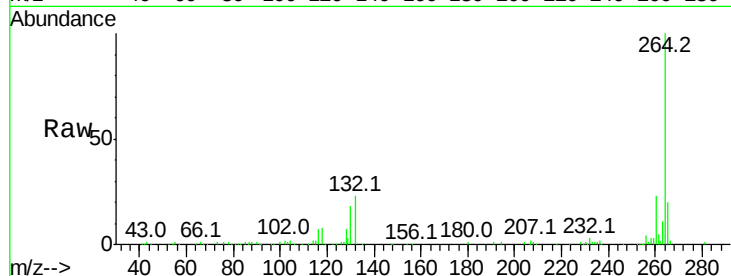




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Tot Ion:264 Resp: 155121
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.2 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

