

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094609.D
 Acq On : 25 Apr 2017 17:07
 Operator : SJ/MA
 Sample : PB98458BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BL

Quant Time: Apr 26 02:58:56 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	5.75	152	119668	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	481028	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	207659	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	332952	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	250722	20.00	ng	-0.02
86) Perylene-d12	16.08	264	230356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	953748	132.23	ng	0.00
7) Phenol-d6	5.38	99	1155727	135.91	ng	0.00
23) Nitrobenzene-d5	6.41	82	704134	90.39	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	176568	108.71	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1279924	90.69	ng	-0.01
78) Terphenyl-d14	13.18	244	891333	95.02	ng	-0.01

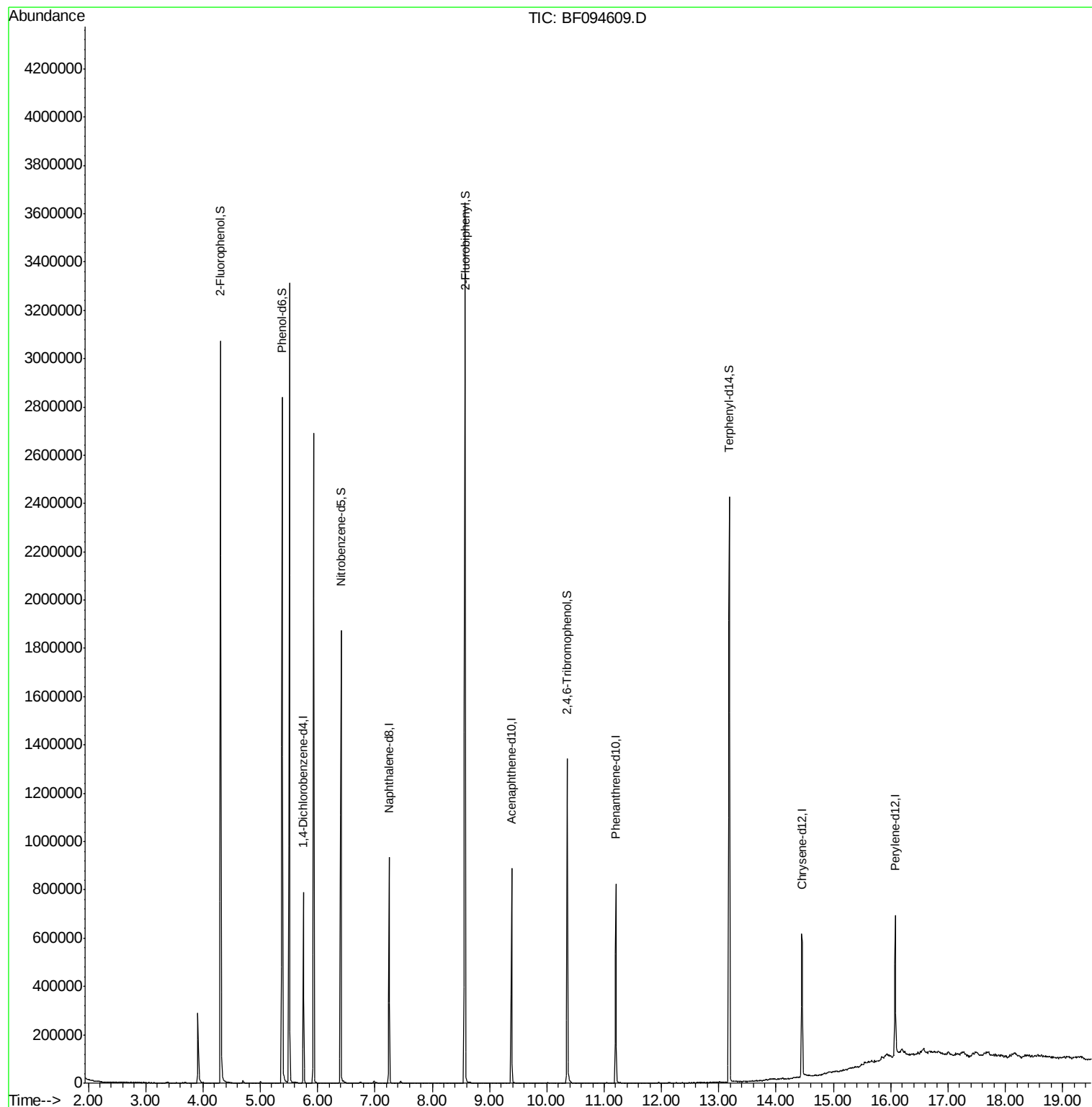
Target Compounds Qvalue

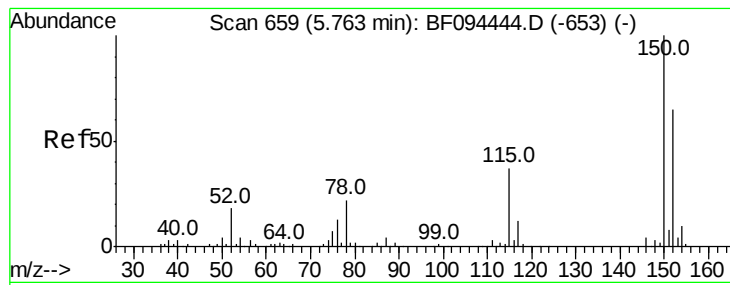
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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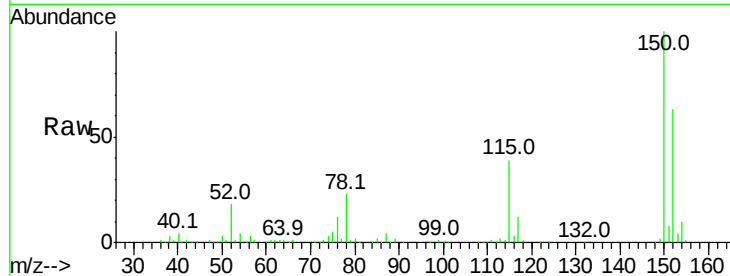


#1

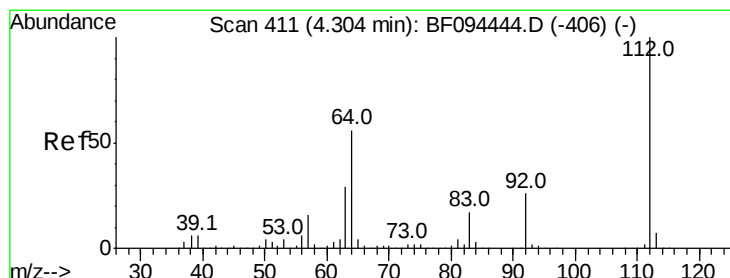
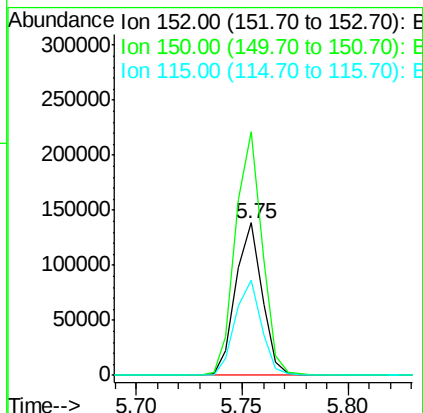
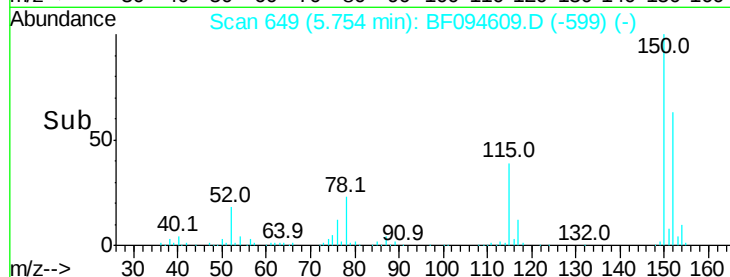
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094609.D
Acq: 25 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98458BL

Tot Ion:152 Resp: 119668
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 62.1 52.2 78.2



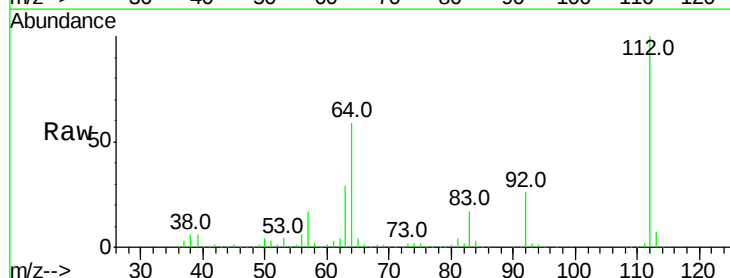
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



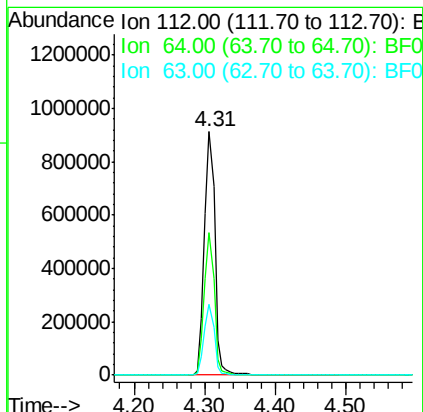
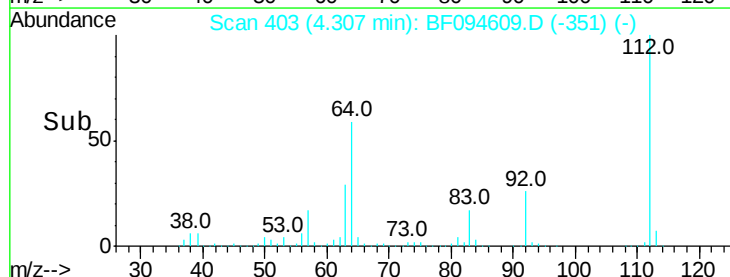
#5

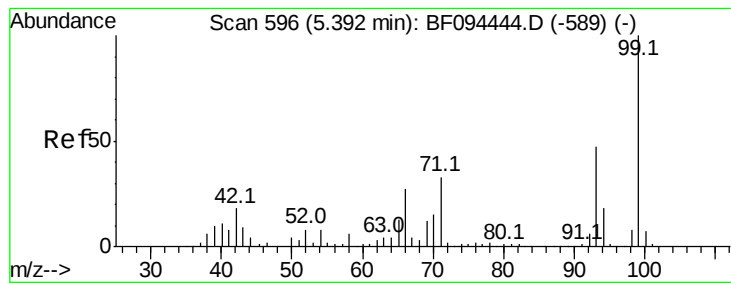
2-Fluorophenol
Concen: 132.23 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094609.D
Acq: 25 Apr 2017 17:07

Tgt Ion:112 Resp: 953748
Ion Ratio Lower Upper
112 100
64 58.7 46.0 69.0
63 29.1 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: 135.91 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

PB98458BL

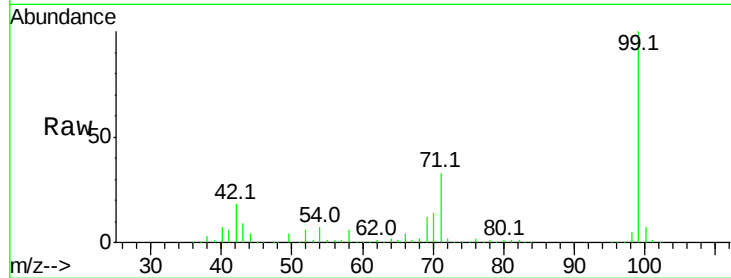
Tot Ion: 99 Resp: 1155727

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.9	24.5	36.7

99 100

42 17.5 13.5 20.3

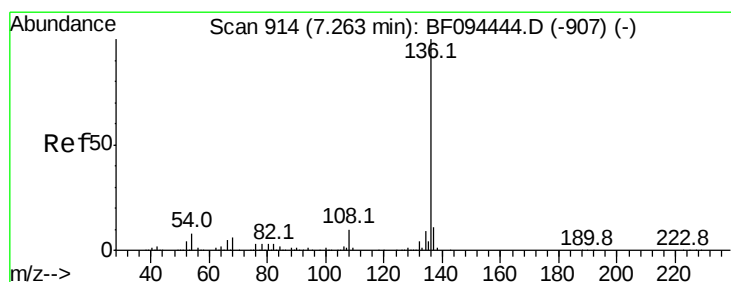
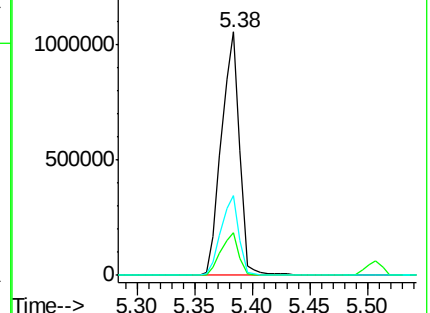
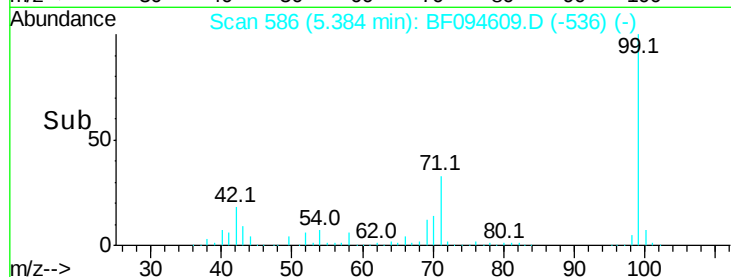
71 32.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

Tgt Ion: 136 Resp: 481028

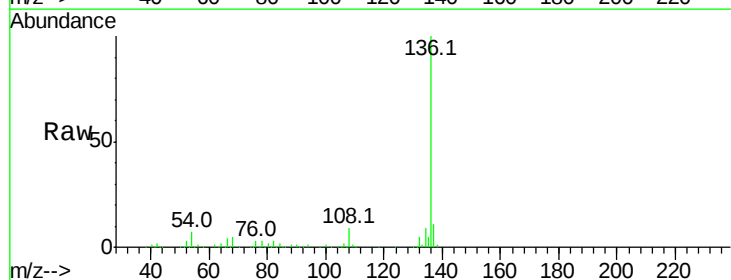
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

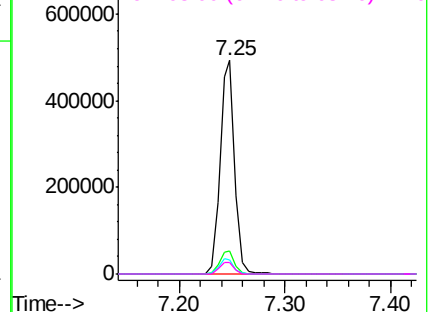
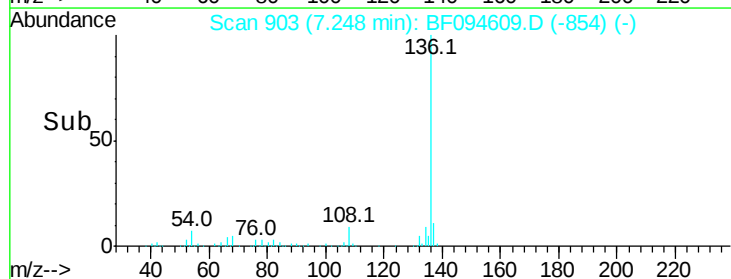


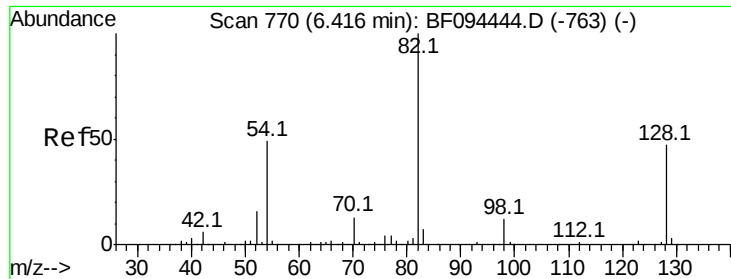
Abundance Ion 136.00 (135.70 to 136.70): E

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

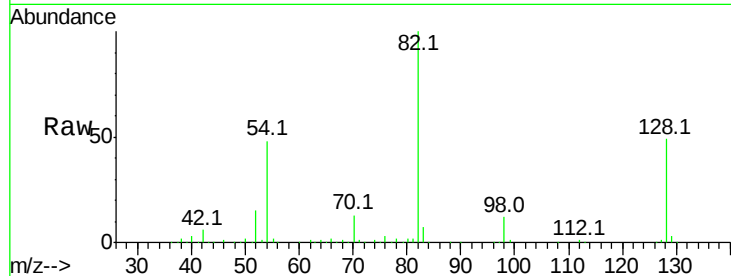




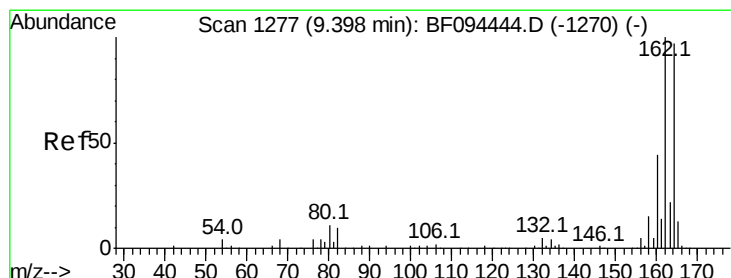
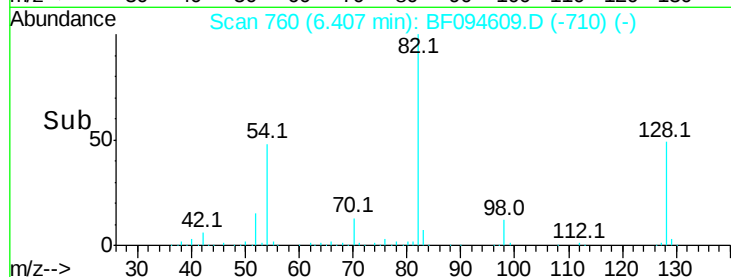
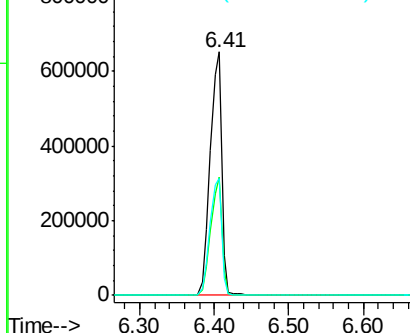
#23
 Nitrobenzene-d5
 Concen: 90.39 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094609.D
 Acq: 25 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BL

Tot Ion: 82 Resp: 704134
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 48.2 42.2 63.2

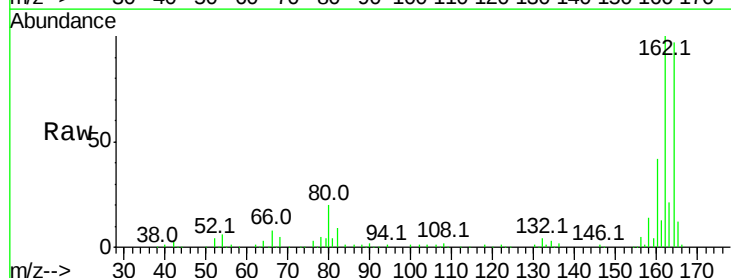


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

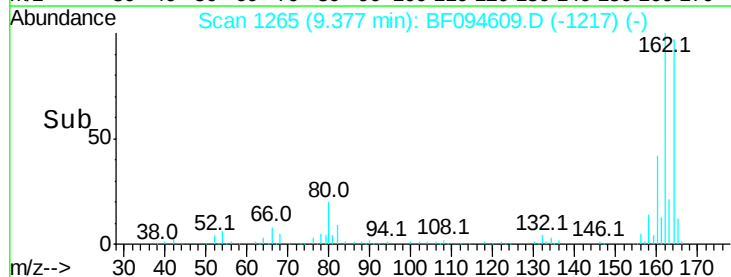
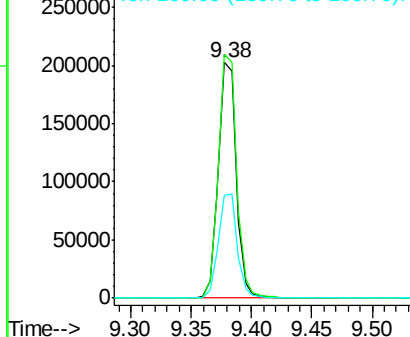


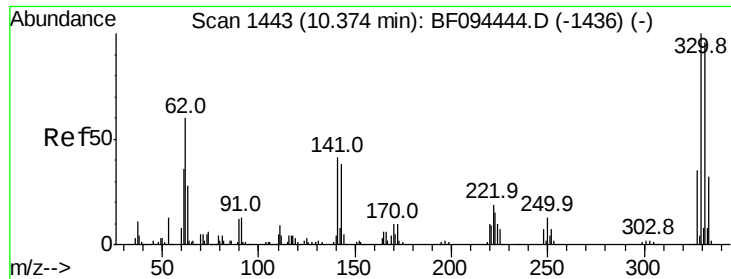
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094609.D
 Acq: 25 Apr 2017 17:07

Tgt Ion:164 Resp: 207659
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 43.6 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

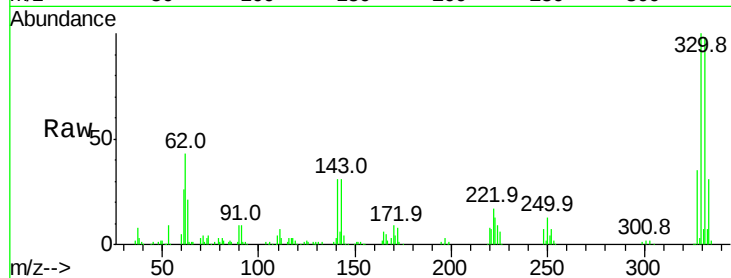




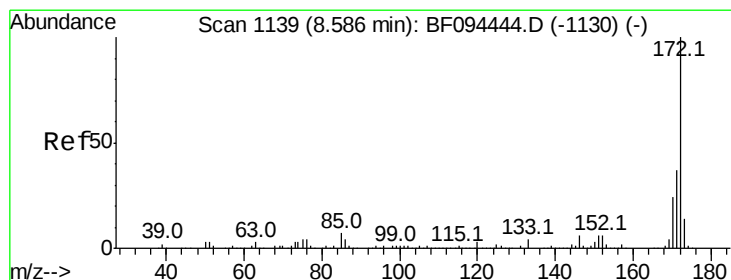
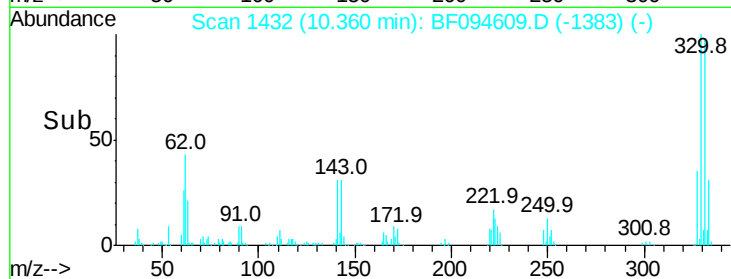
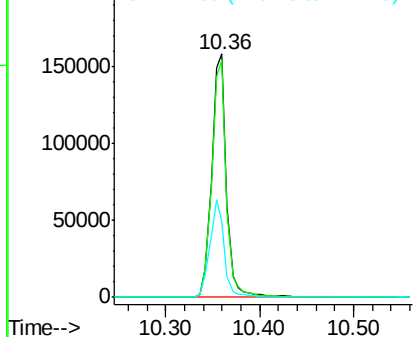
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094609.D
 Acq: 25 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BL

Tot Ion:330 Resp: 176568
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.2 31.4 47.2

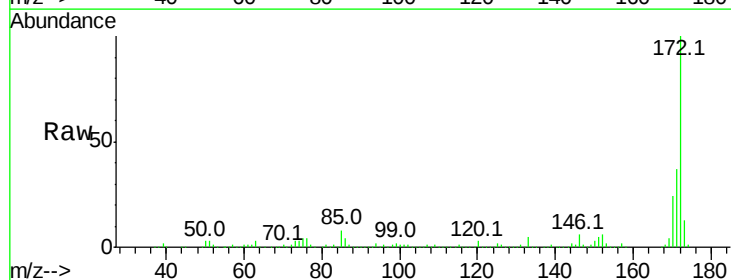


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

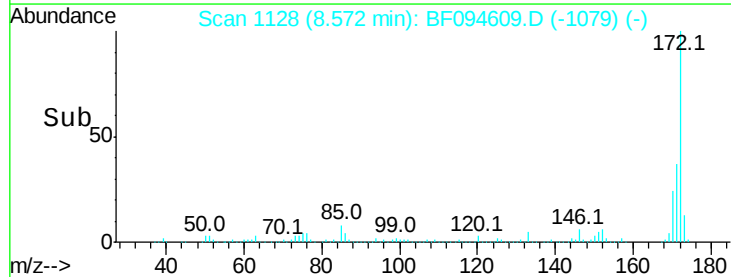
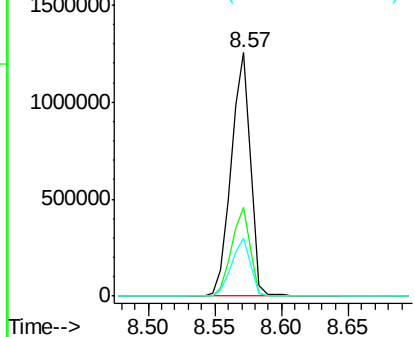


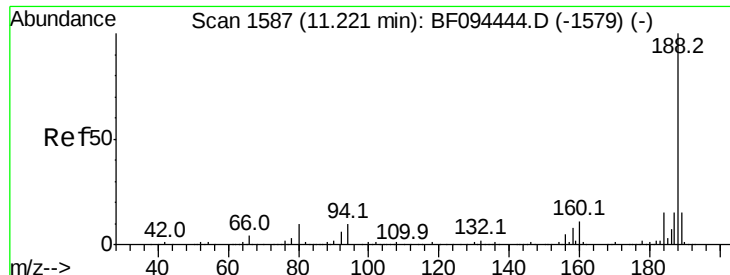
#44
 2-Fluorobiphenyl
 Concen: 90.69 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094609.D
 Acq: 25 Apr 2017 17:07

Tgt Ion:172 Resp: 1279924
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 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: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98458BL

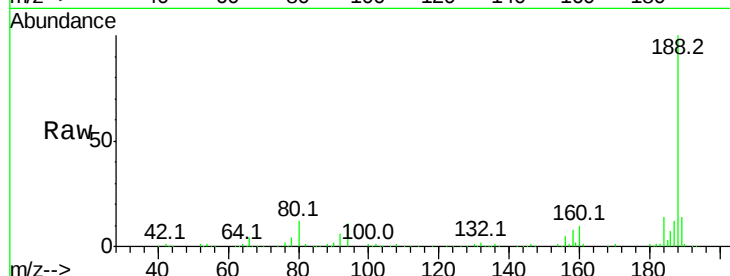
Tot Ion:188 Resp: 332952

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

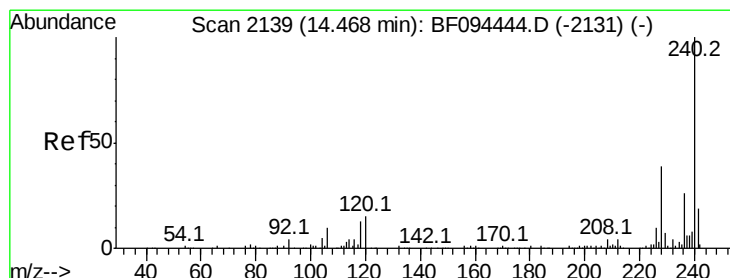
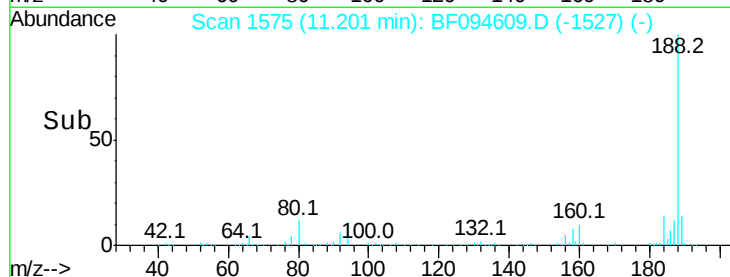
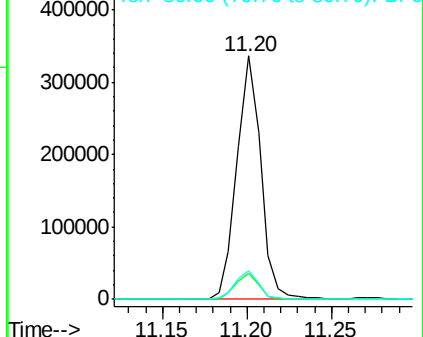
80 11.8 10.2 15.2



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: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

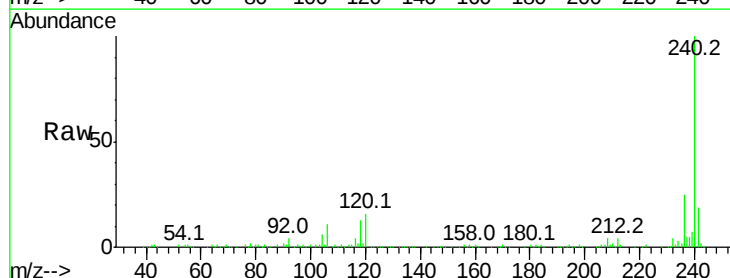
Tgt Ion:240 Resp: 250722

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

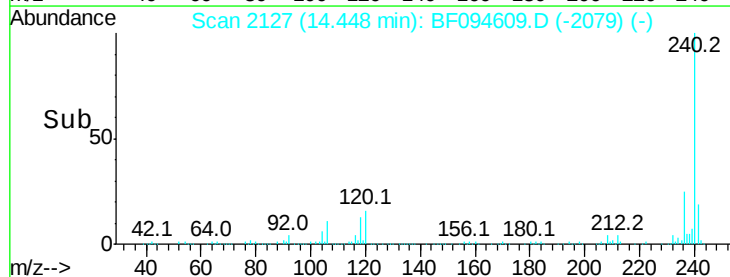
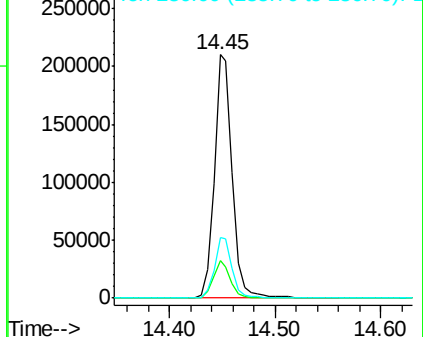
236 25.1 20.5 30.7

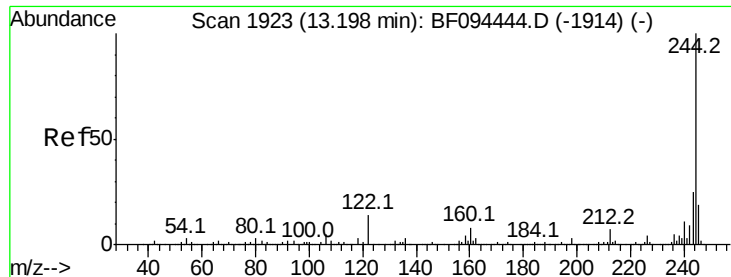


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.02 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98458BL

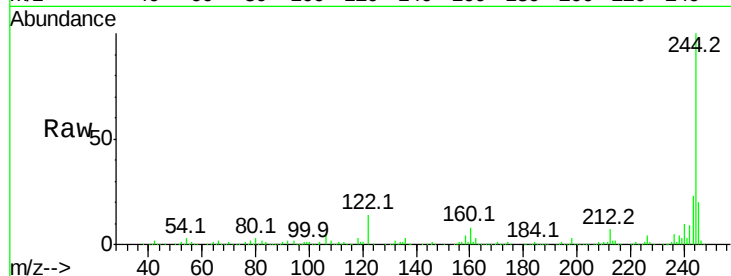
Tot Ion:244 Resp: 891333

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

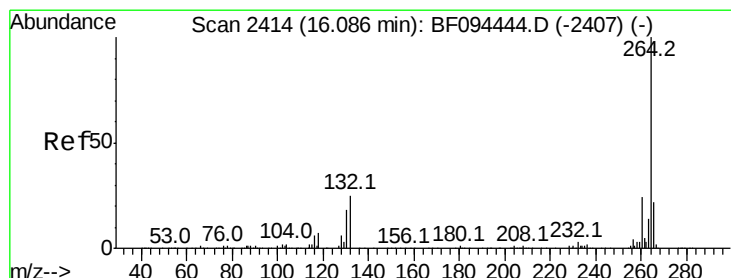
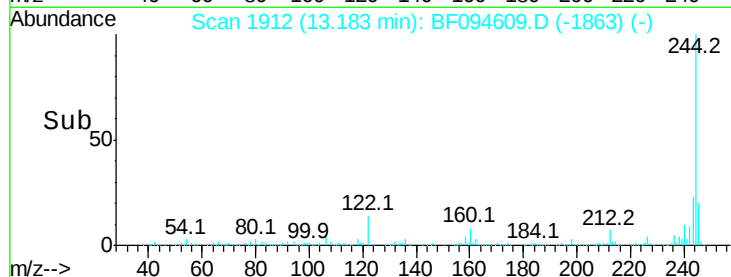
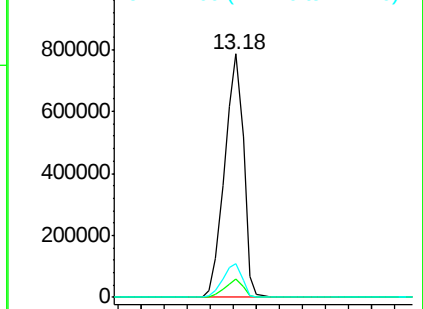
122 13.9 10.3 15.5



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: 16.08 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BF094609.D

Acq: 25 Apr 2017 17:07

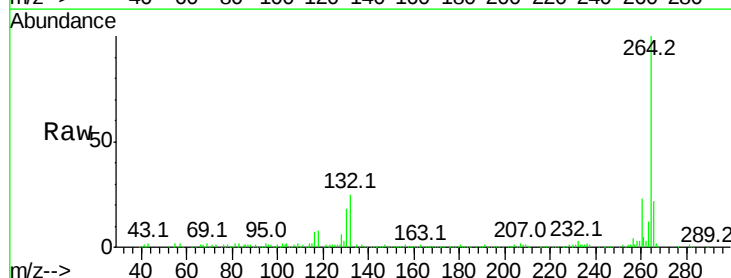
Tgt Ion:264 Resp: 230356

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.7 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

