

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094550.D
 Acq On : 20 Apr 2017 17:47
 Operator : SJ/MA
 Sample : I2744-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(13-15)20170419

Quant Time: Apr 21 01:40:52 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

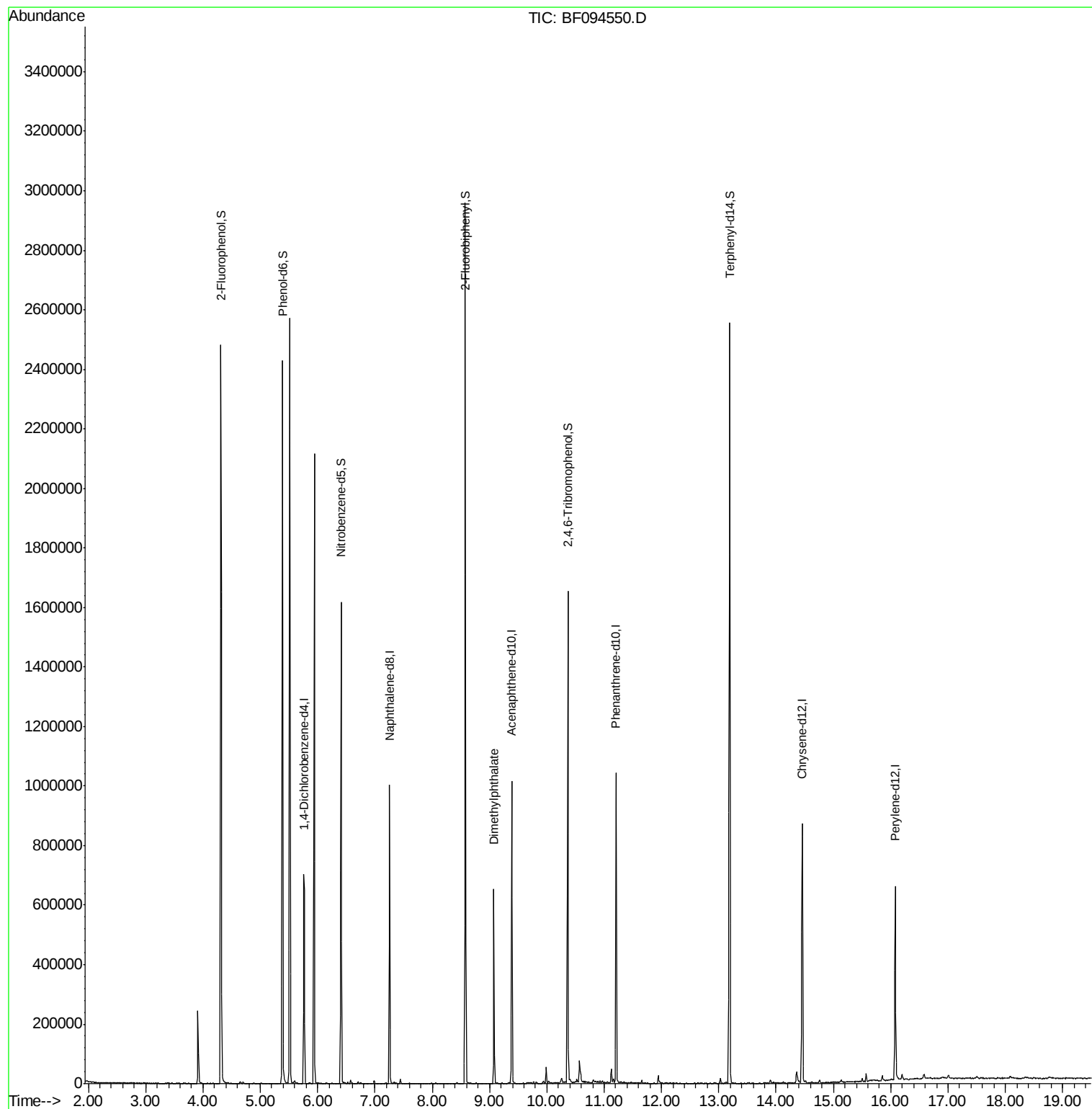
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	114882	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	465498	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	213795	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	411638	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	362570	20.00	ng	-0.01
86) Perylene-d12	16.08	264	257335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	727736	105.10	ng	0.00
7) Phenol-d6	5.39	99	901155	110.39	ng	0.00
23) Nitrobenzene-d5	6.41	82	551075	73.10	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	199306	119.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1051006	72.33	ng	0.00
78) Terphenyl-d14	13.19	244	975823	71.94	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	279376	17.53	ng	98

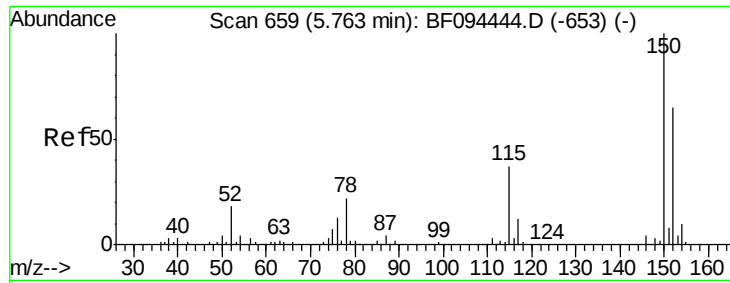
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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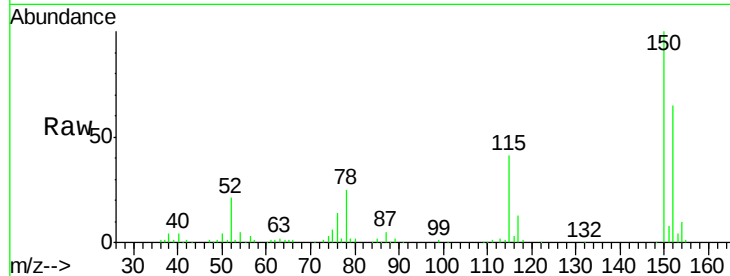


#1

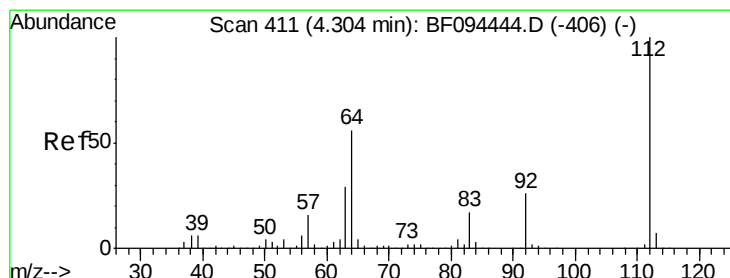
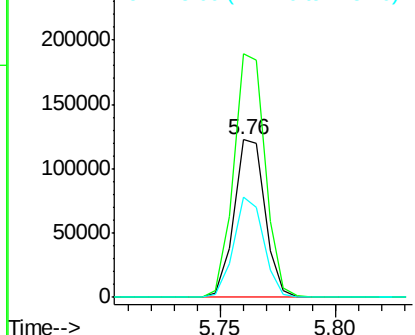
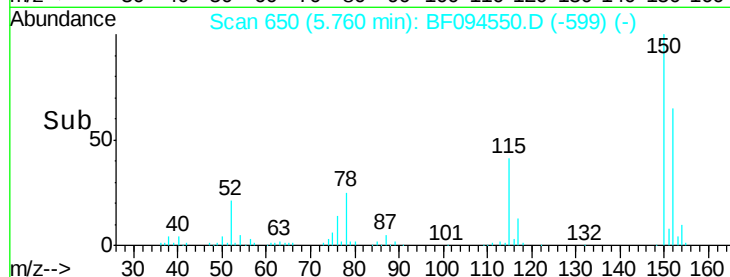
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094550.D
 Acq: 20 Apr 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(13-15)20170419

Tot Ion:152 Resp: 114882
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 63.9 52.2 78.2



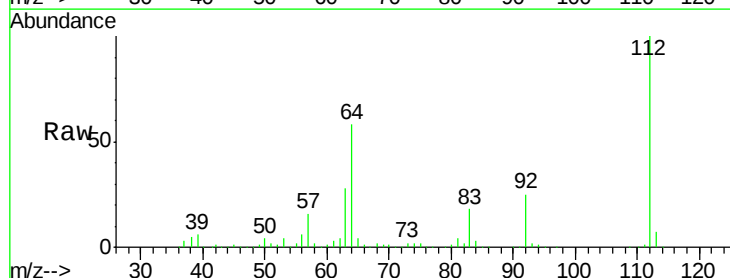
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



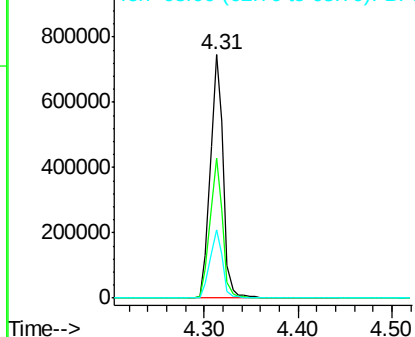
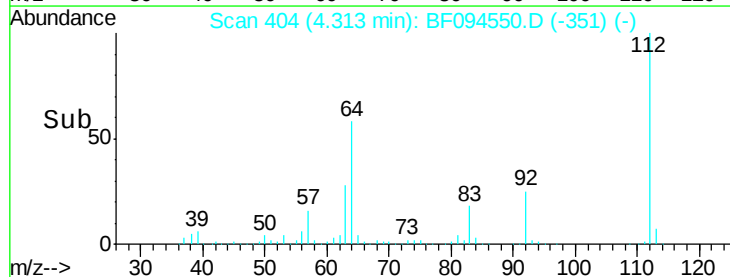
#5

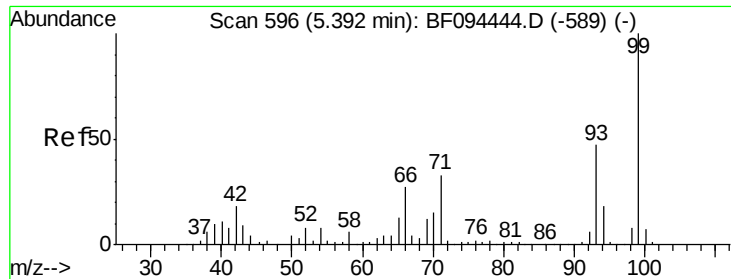
2-Fluorophenol
 Concen: 105.10 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094550.D
 Acq: 20 Apr 2017 17:47

Tgt Ion:112 Resp: 727736
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 28.1 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: 110.39 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SB-4(13-15)20170419

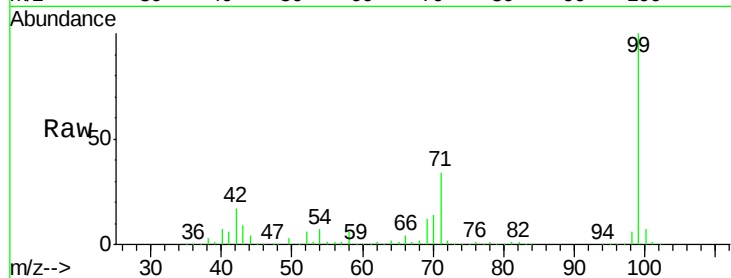
Tot Ion: 99 Resp: 901155

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

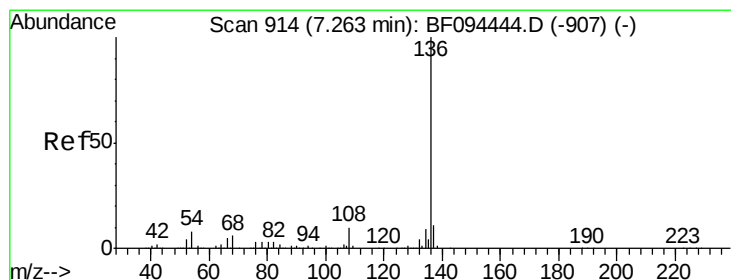
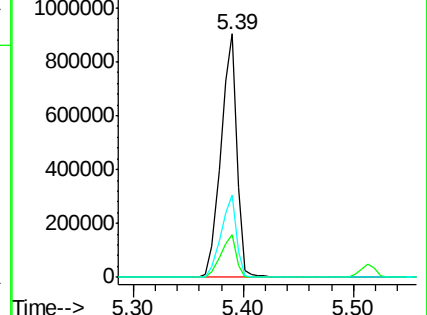
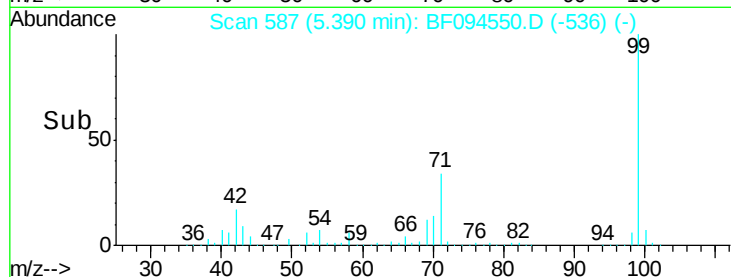
71 33.7 24.5 36.7



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: BF094550.D

Acq: 20 Apr 2017 17:47

Tgt Ion: 136 Resp: 465498

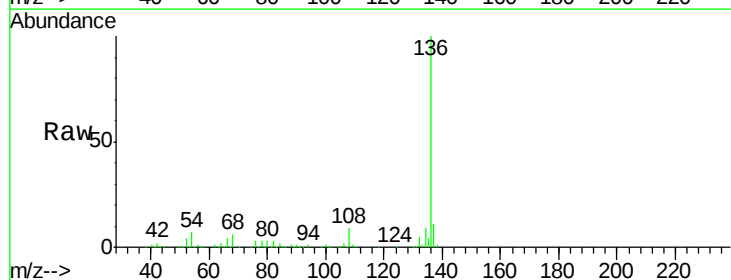
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

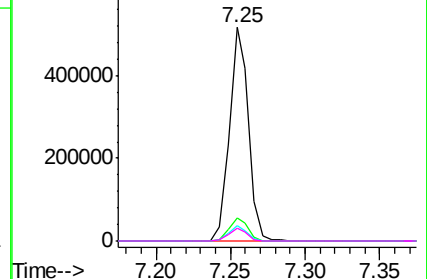
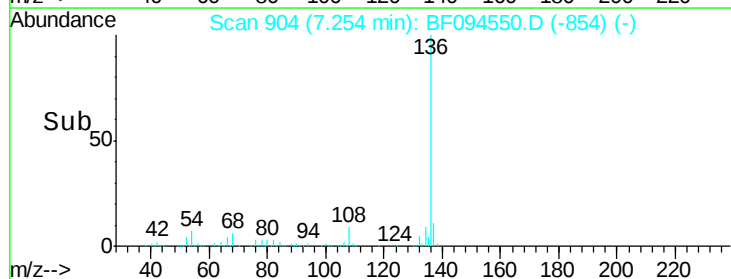


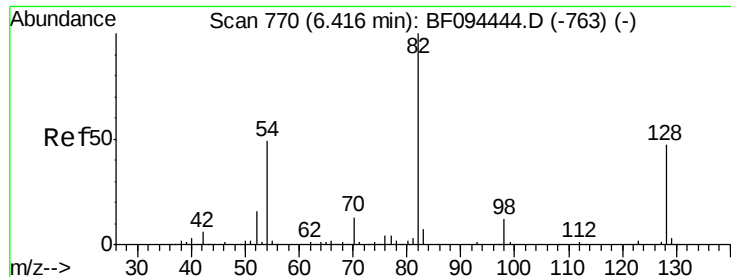
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.10 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

BNA_F

ClientSampleId :

SB-4(13-15)20170419

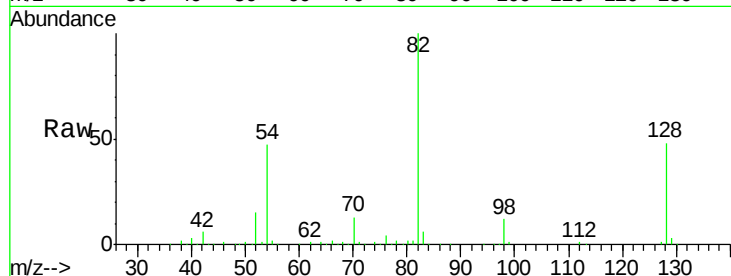
Tot Ion: 82 Resp: 551075

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

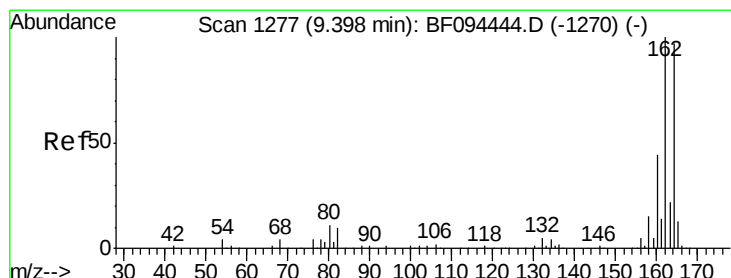
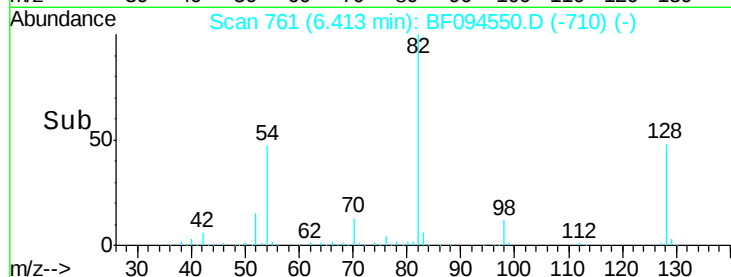
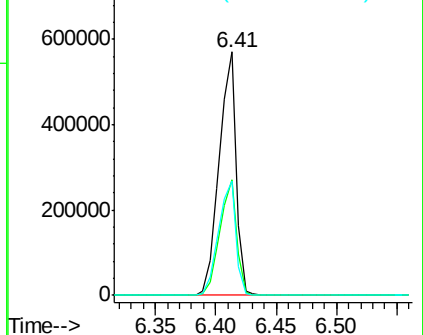
54 47.0 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

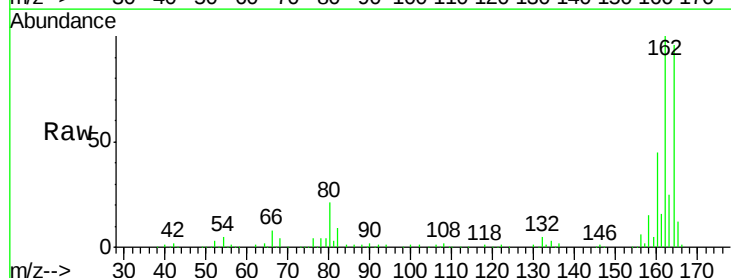
Tgt Ion:164 Resp: 213795

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

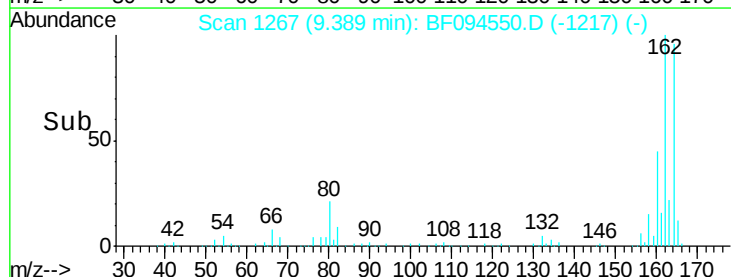
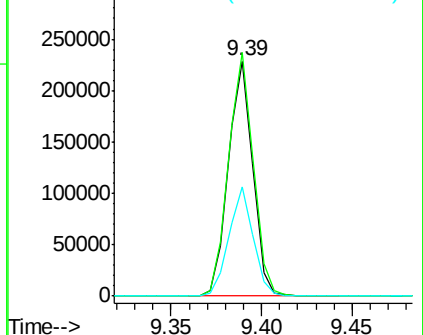
160 46.5 36.2 54.2

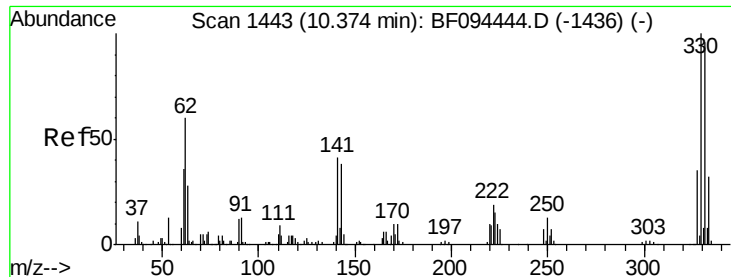


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 119.18 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

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ClientSampleId :

SB-4(13-15)20170419

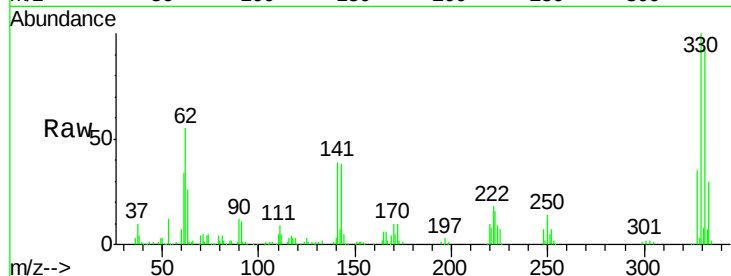
Tot Ion:330 Resp: 199306

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

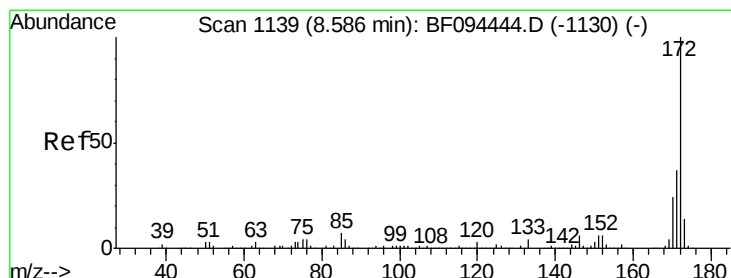
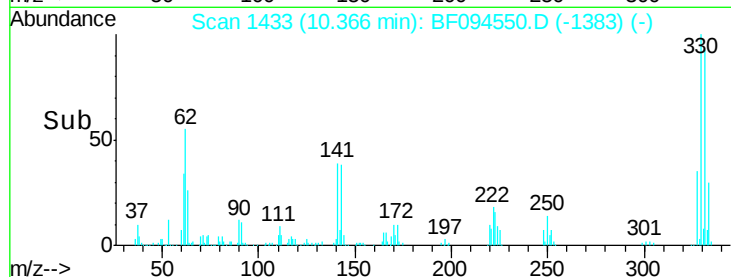
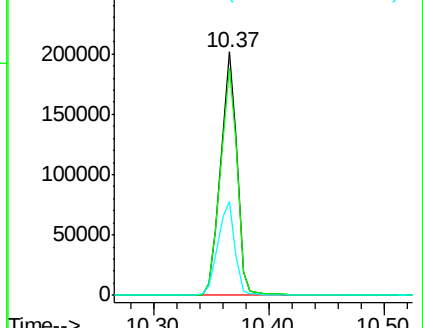
141 39.8 31.4 47.2



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: 72.33 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

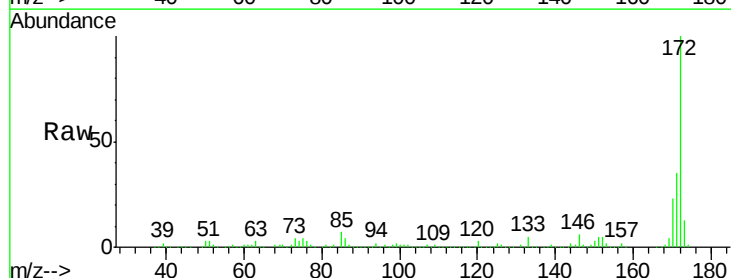
Tgt Ion:172 Resp: 1051006

Ion Ratio Lower Upper

172 100

171 35.2 29.6 44.4

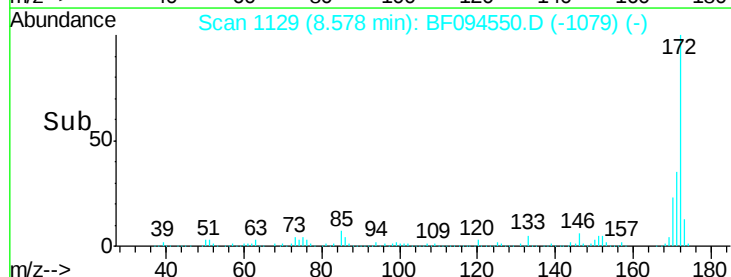
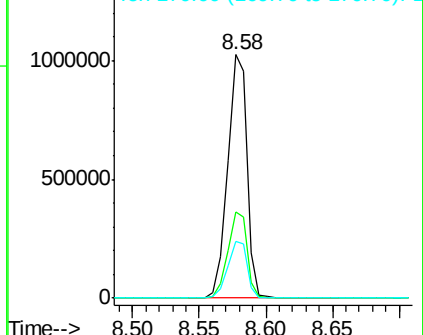
170 23.2 19.8 29.8

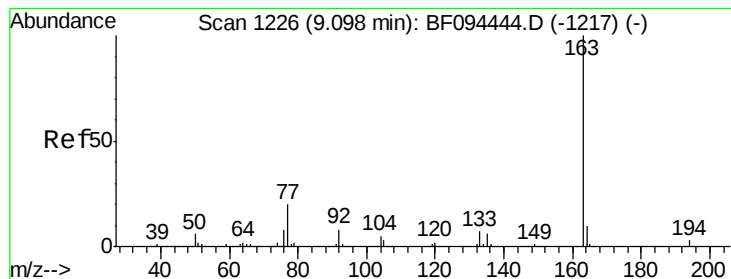


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.53 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

Instrument :

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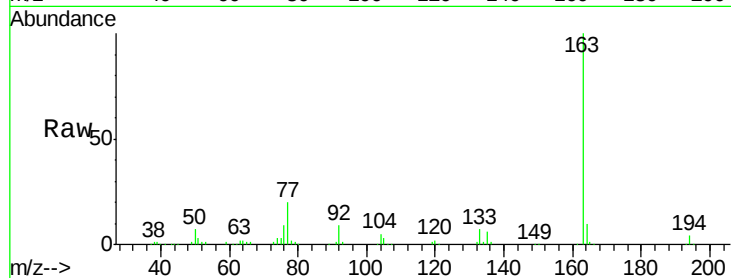
Tot Ion:163 Resp: 279376

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

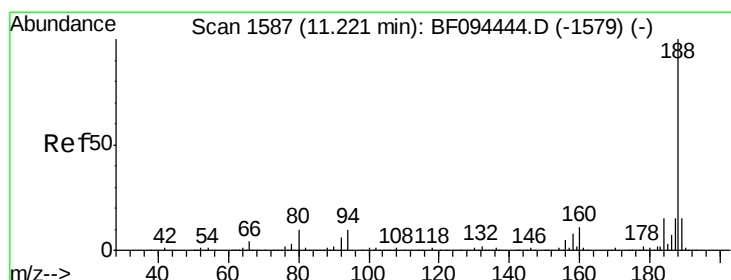
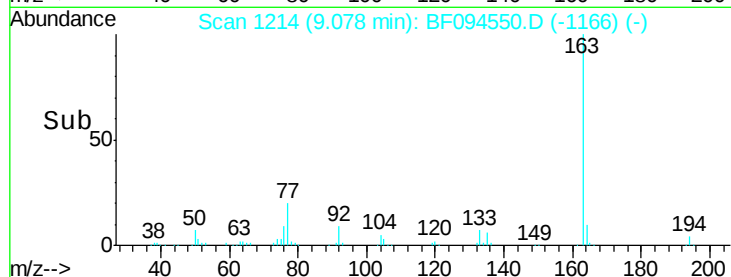
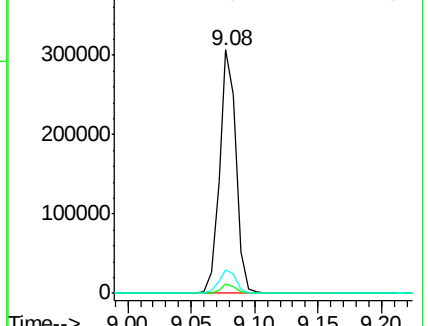
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094550.D

Acq: 20 Apr 2017 17:47

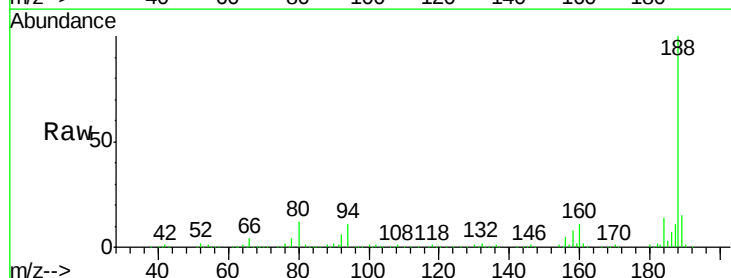
Tgt Ion:188 Resp: 411638

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

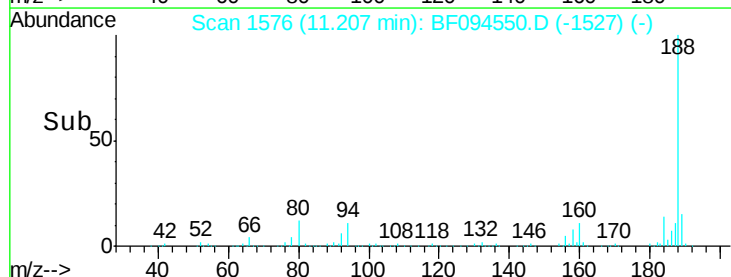
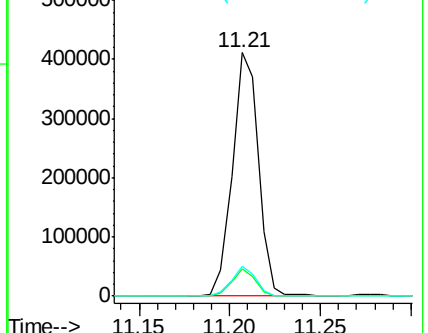
80 12.1 10.2 15.2

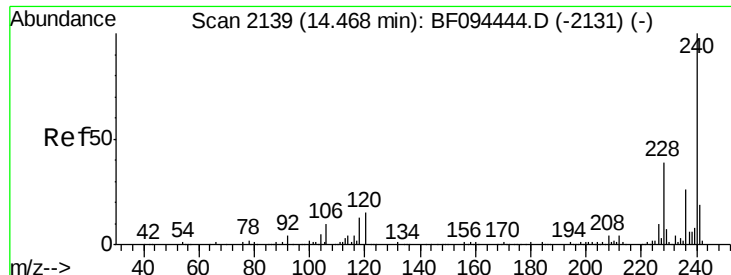


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

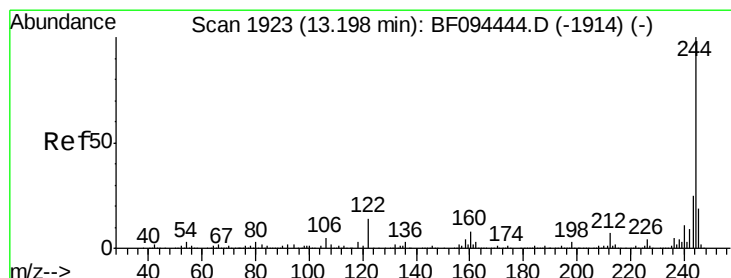
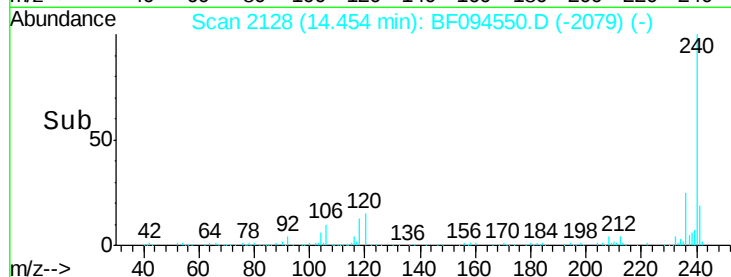
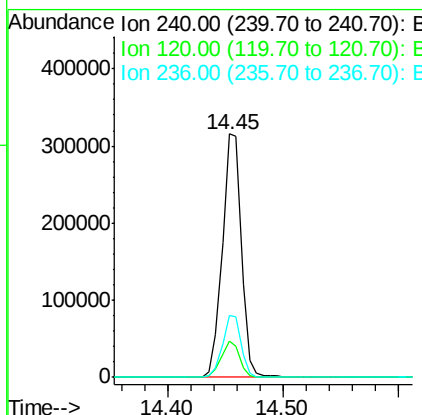
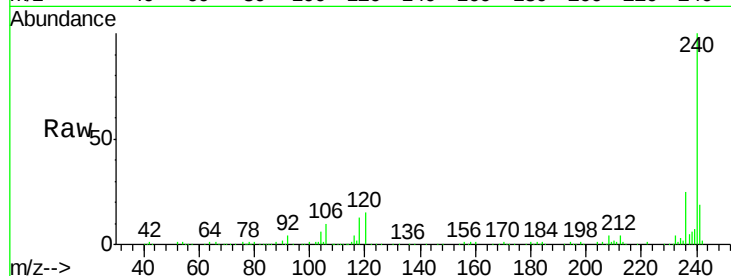




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

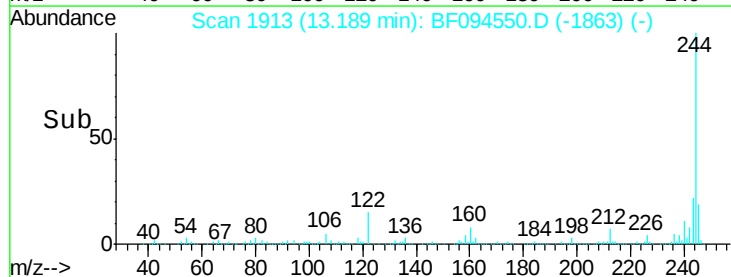
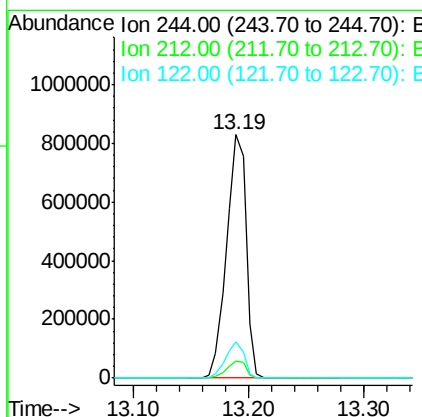
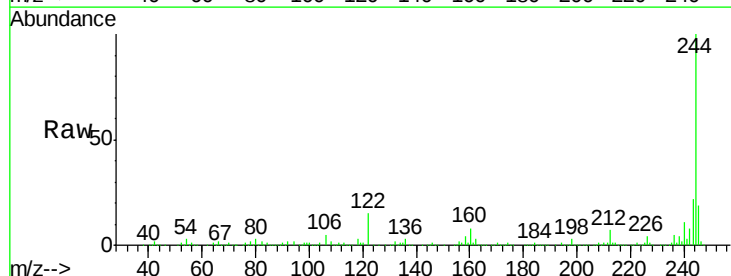
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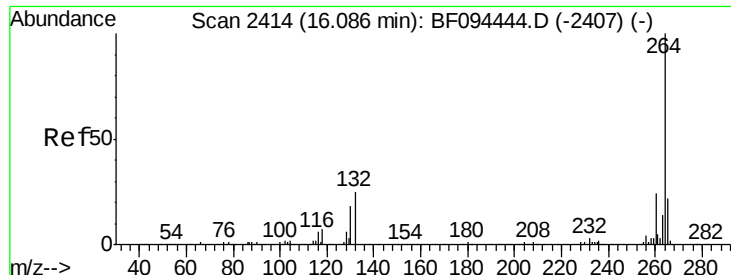
Tot Ion:240 Resp: 362570
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 25.3 20.5 30.7



#78
Terphenyl-d14
Concen: 71.94 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

Tgt Ion:244 Resp: 975823
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.7 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094550.D
Acq: 20 Apr 2017 17:47

Instrument :
BNA_F
ClientSampleId :
SB-4(13-15)20170419

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

