

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094547.D
 Acq On : 20 Apr 2017 16:22
 Operator : SJ/MA
 Sample : I2744-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(13-15)20170418

Quant Time: Apr 20 18:39:09 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

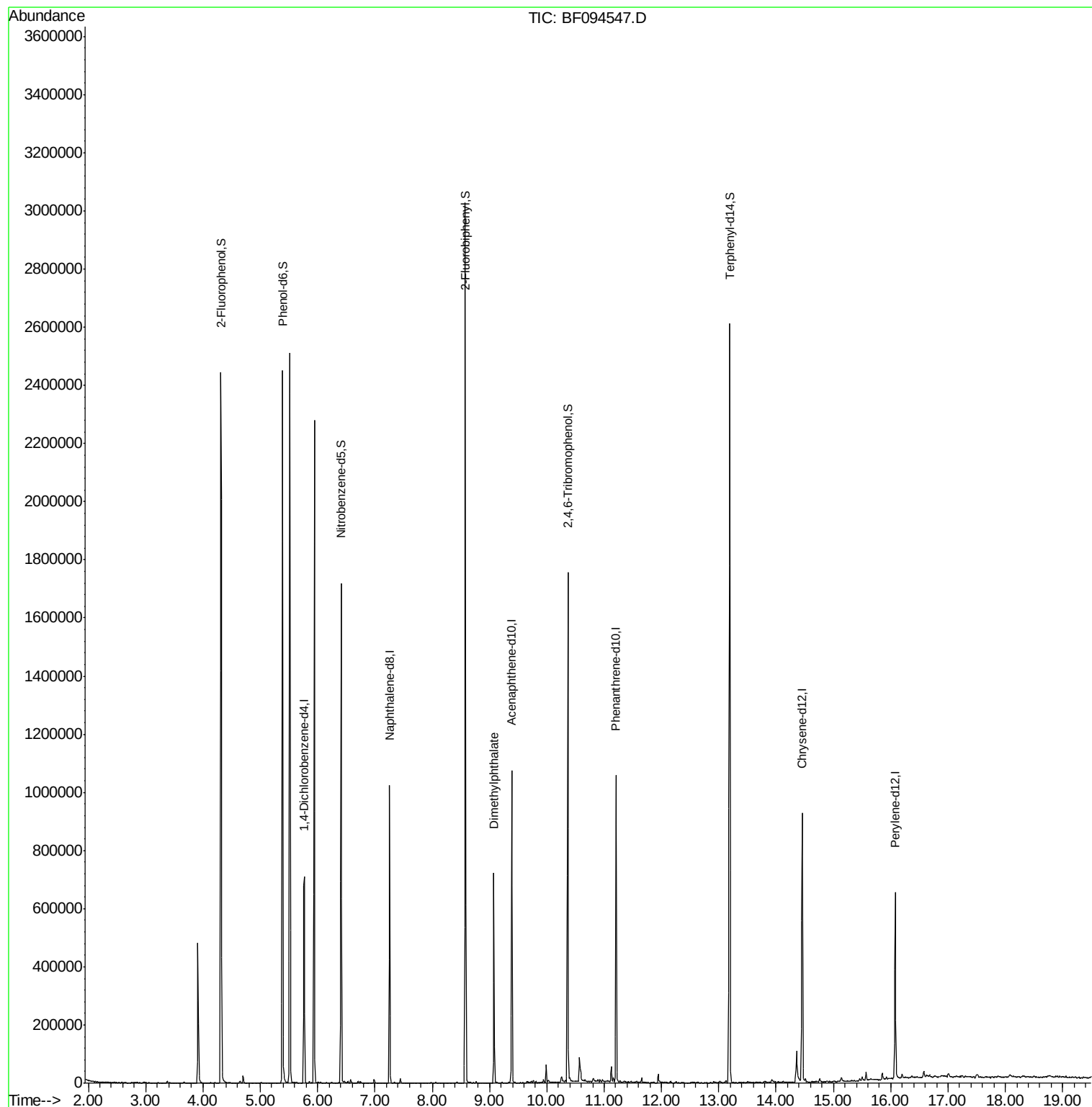
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119213	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	485923	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223508	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	429734	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	362076	20.00	ng	-0.01
86) Perylene-d12	16.08	264	249031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	743708	103.50	ng	0.00
7) Phenol-d6	5.39	99	924507	109.14	ng	0.00
23) Nitrobenzene-d5	6.41	82	581521	73.90	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	212717	121.67	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1095073	72.09	ng	0.00
78) Terphenyl-d14	13.19	244	1049755	77.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	316809	19.02	ng	Qvalue 99

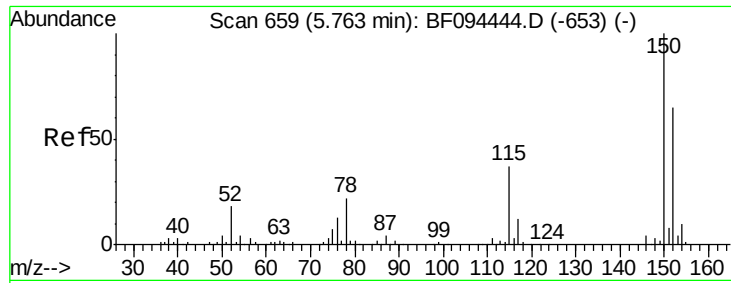
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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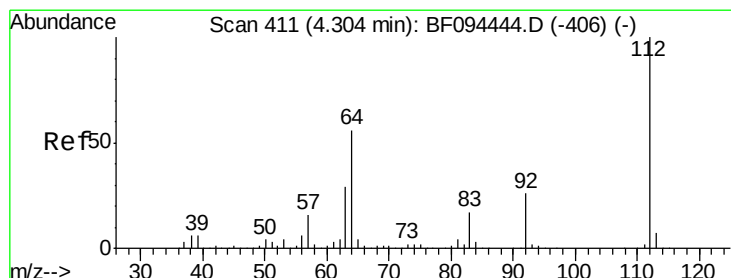
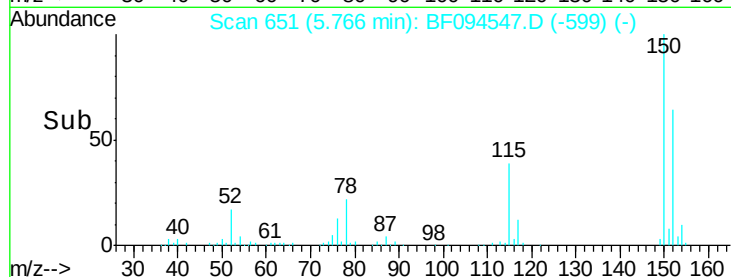
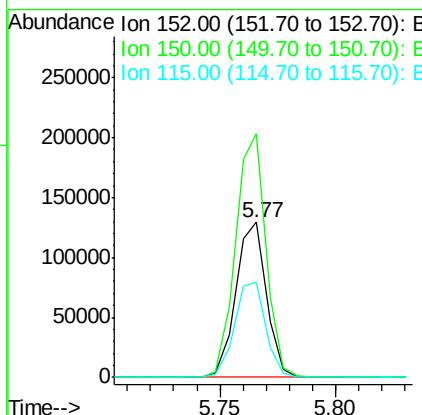
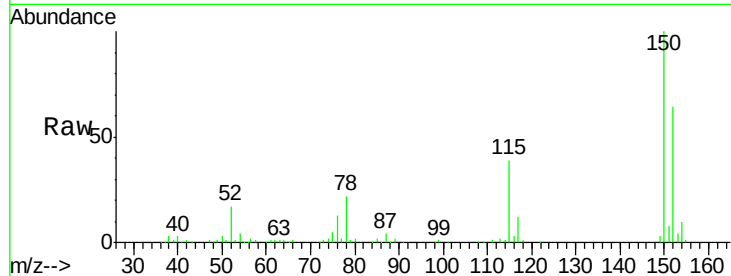


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(13-15)20170418

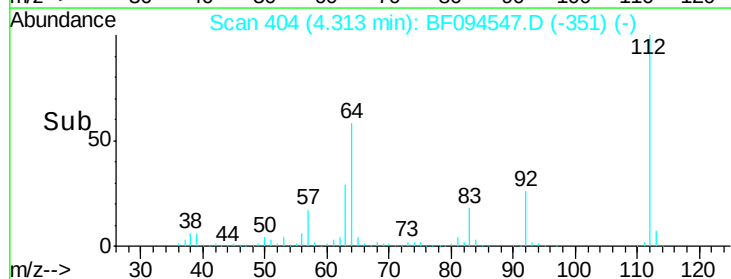
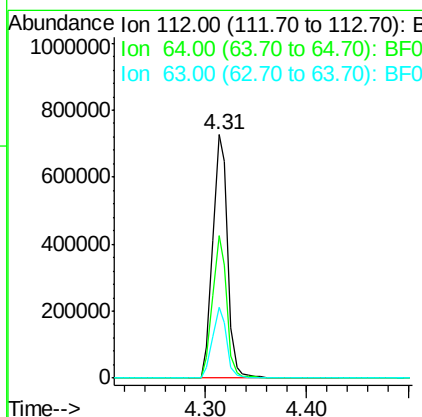
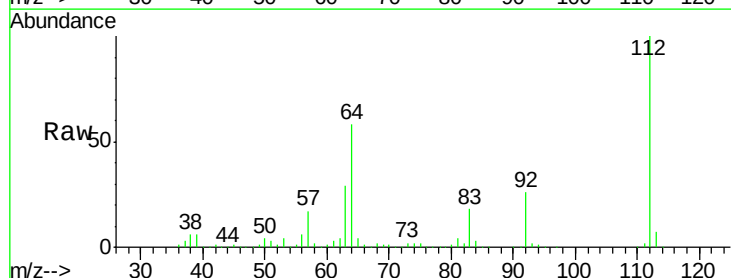
Tot Ion:152 Resp: 119213
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 61.3 52.2 78.2

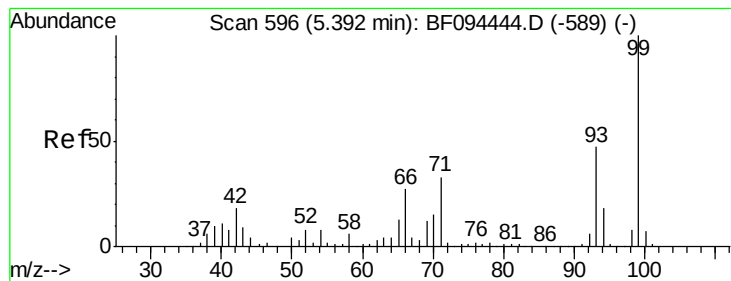


#5

2-Fluorophenol
 Concen: 103.50 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Tgt Ion:112 Resp: 743708
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 109.14 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SB-5(13-15)20170418

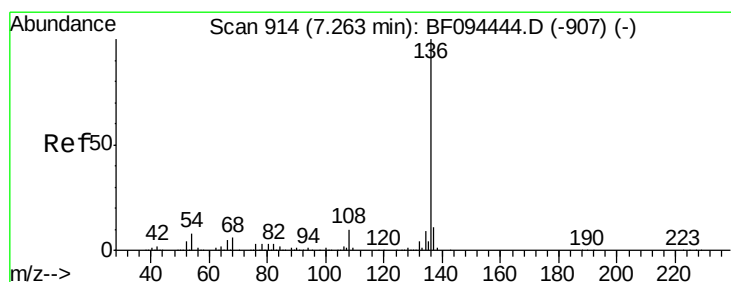
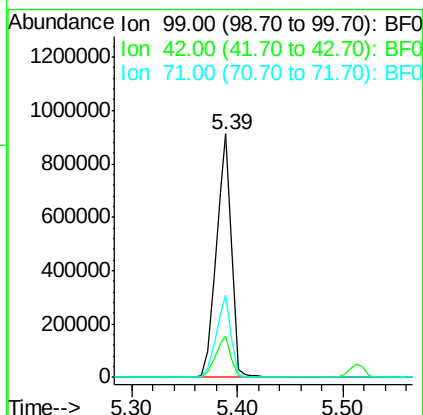
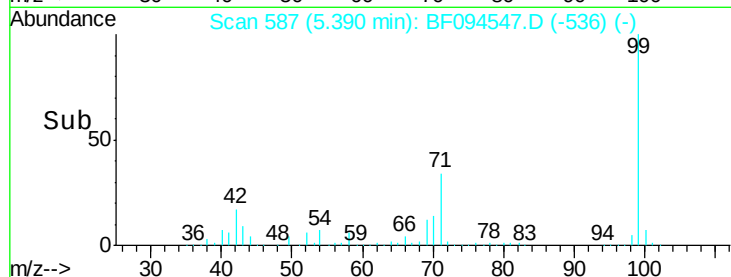
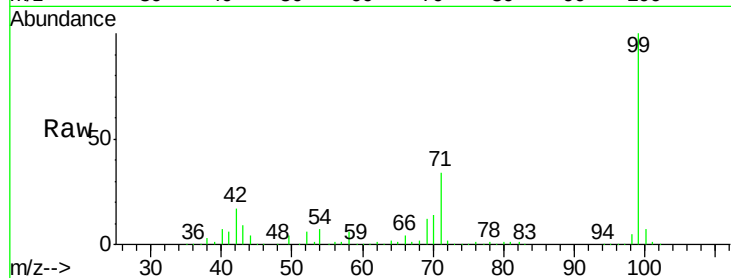
Tot Ion: 99 Resp: 924507

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 33.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

Tgt Ion: 136 Resp: 485923

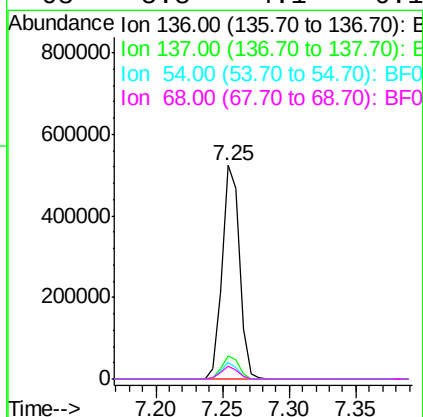
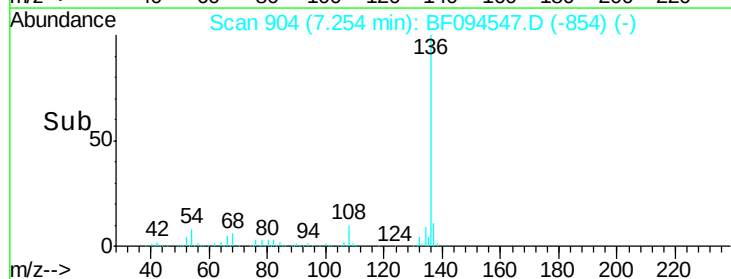
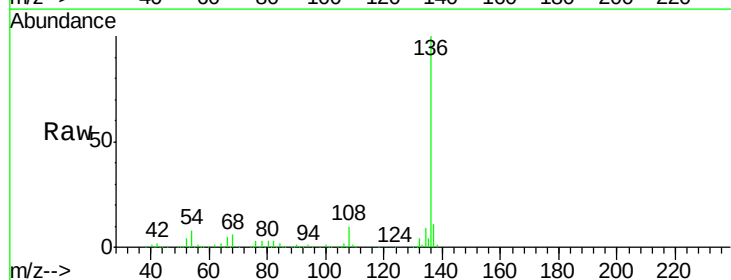
Ion Ratio Lower Upper

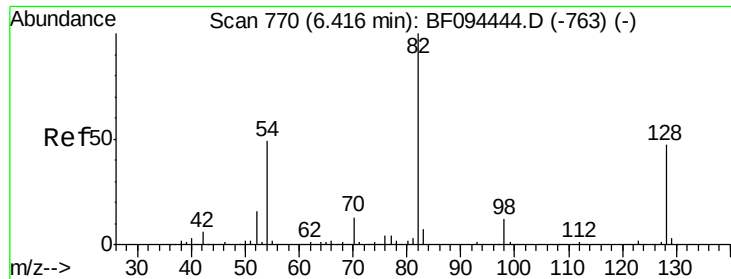
136 100

137 11.0 8.5 12.7

54 7.9 4.9 7.3#

68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 73.90 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

Instrument :

BNA_F

ClientSampleId :

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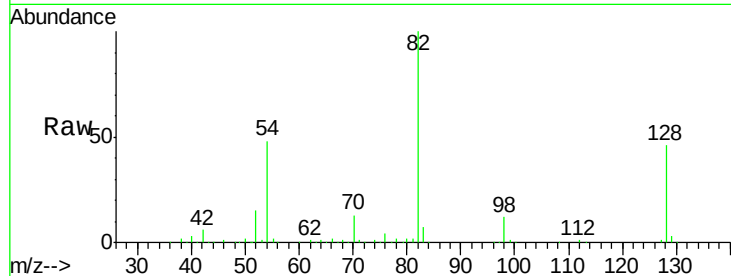
Tot Ion: 82 Resp: 581521

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

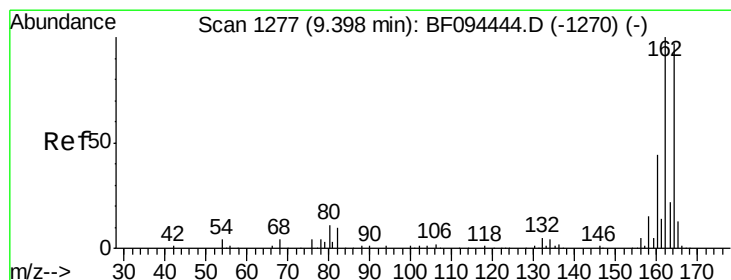
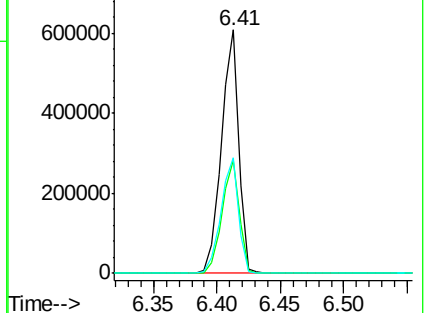
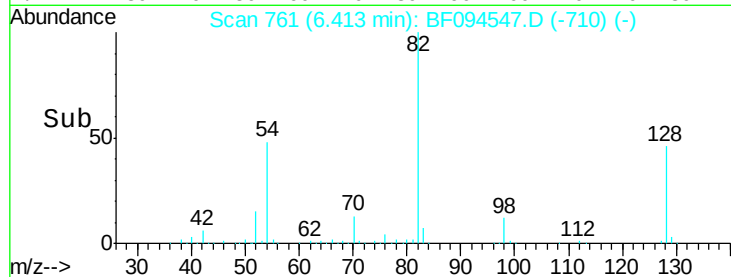
54 47.7 42.2 63.2



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: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

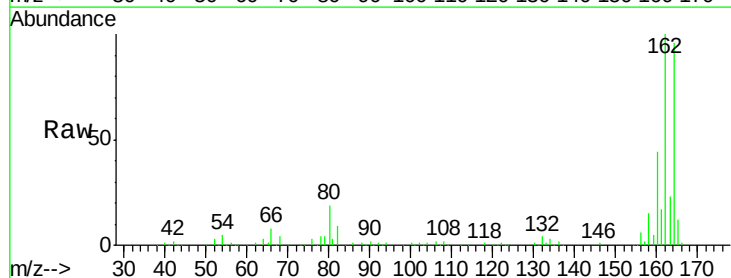
Tgt Ion:164 Resp: 223508

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

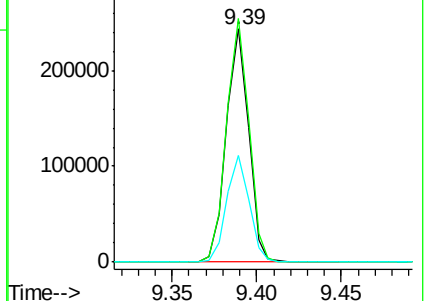
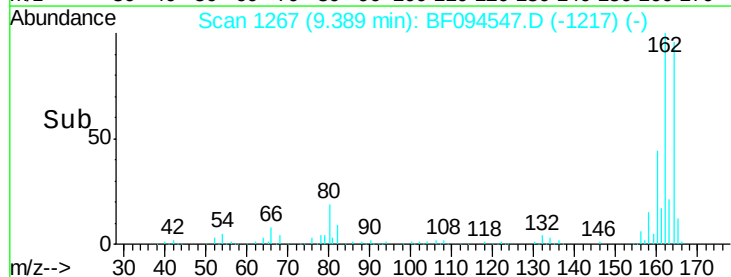
160 46.0 36.2 54.2

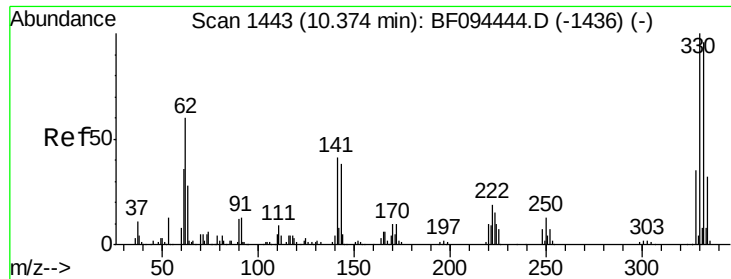


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 121.67 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

Instrument :

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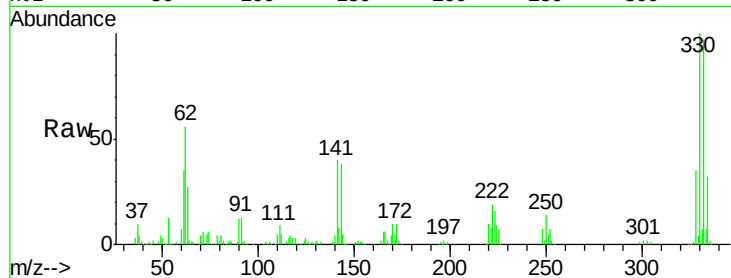
Tot Ion:330 Resp: 212717

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

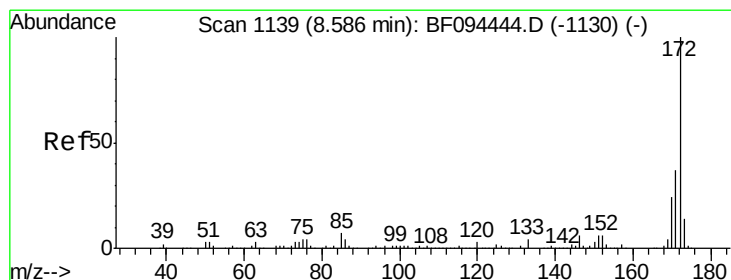
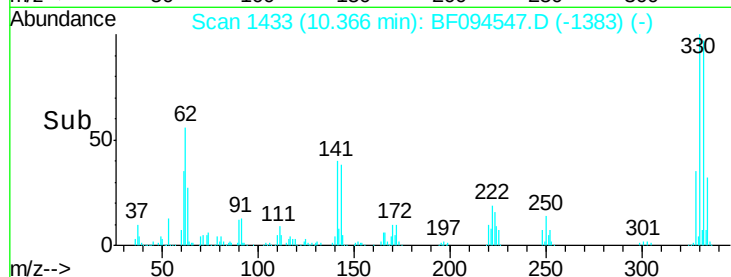
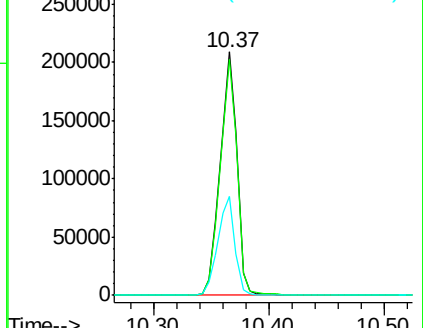
141 41.0 31.4 47.2



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: 72.09 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

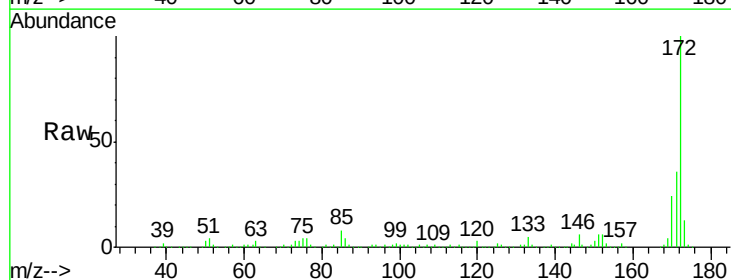
Tgt Ion:172 Resp: 1095073

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

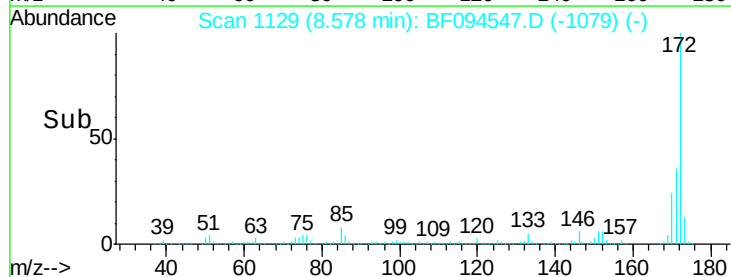
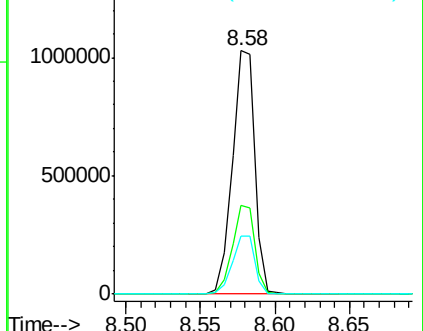
170 23.7 19.8 29.8

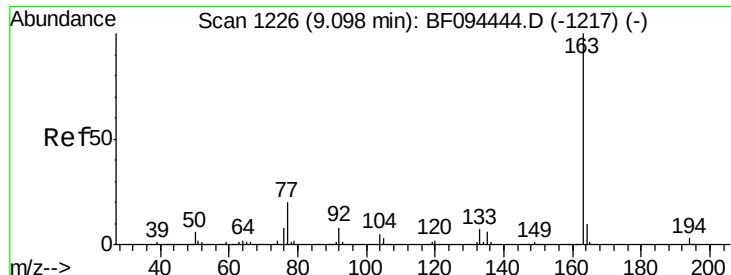


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 19.02 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF094547.D

Acq: 20 Apr 2017 16:22

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SB-5(13-15)20170418

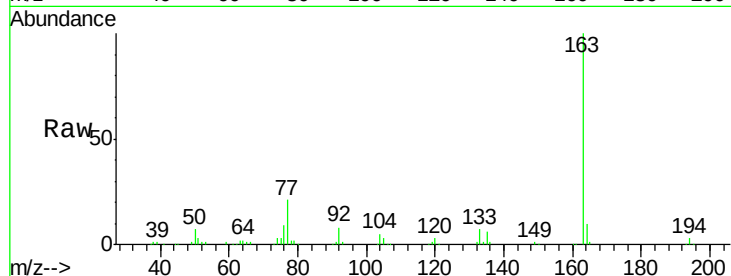
Tot Ion:163 Resp: 316809

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

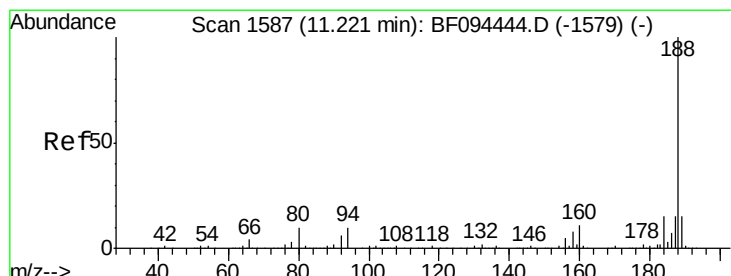
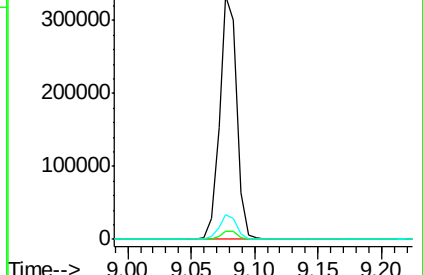
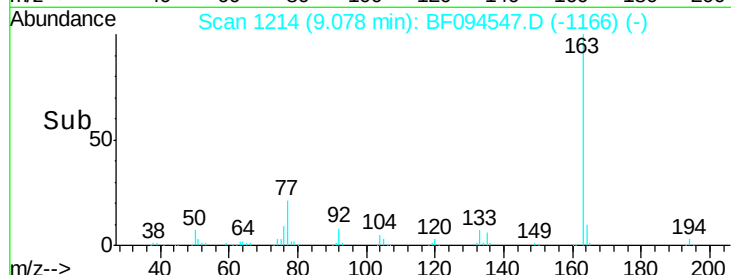
164 10.3 8.4 12.6



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: BF094547.D

Acq: 20 Apr 2017 16:22

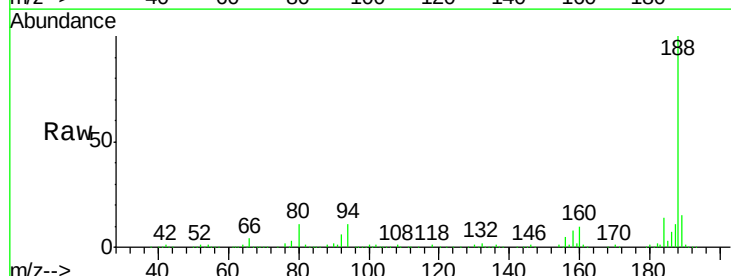
Tgt Ion:188 Resp: 429734

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

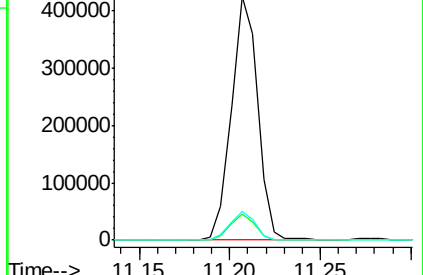
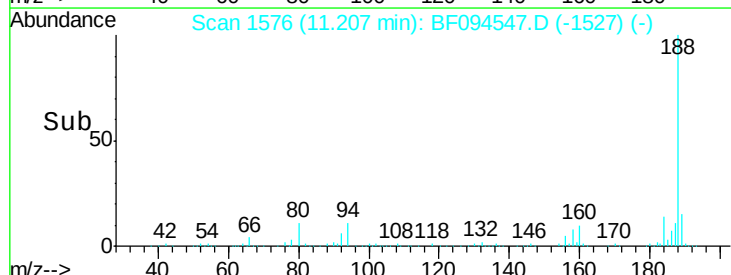
80 11.5 10.2 15.2

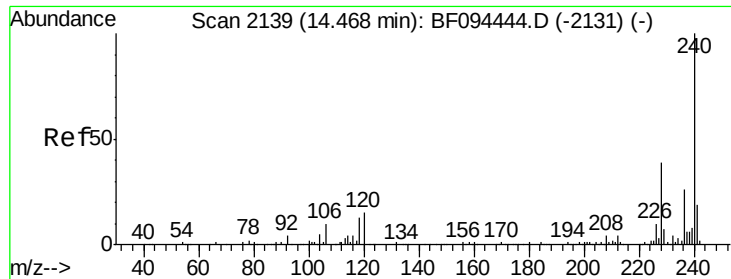


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

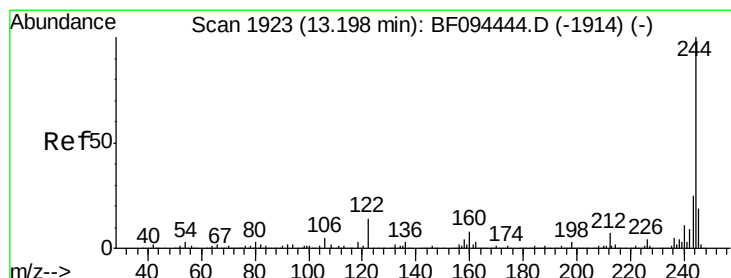
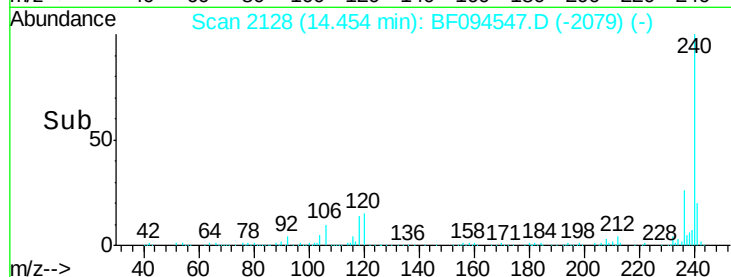
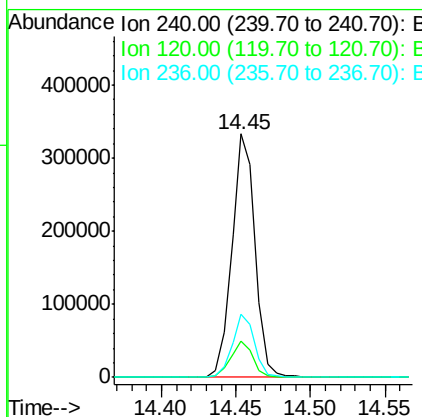
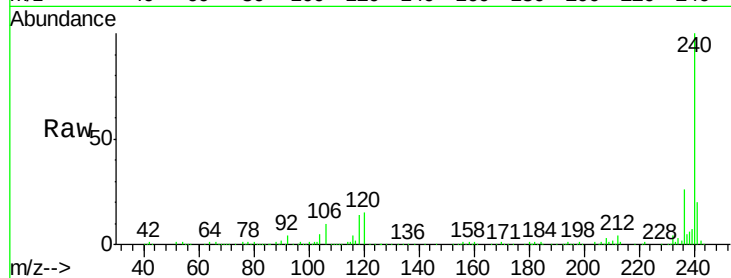




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

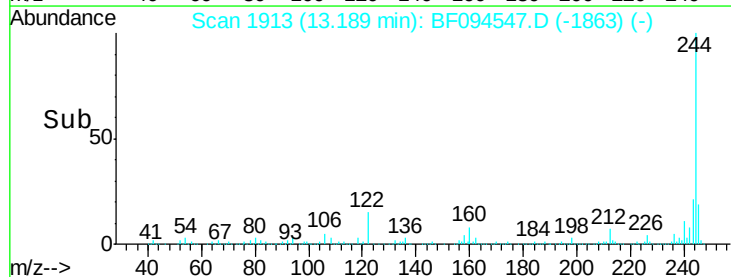
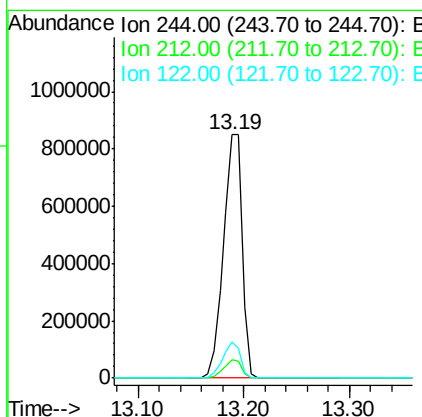
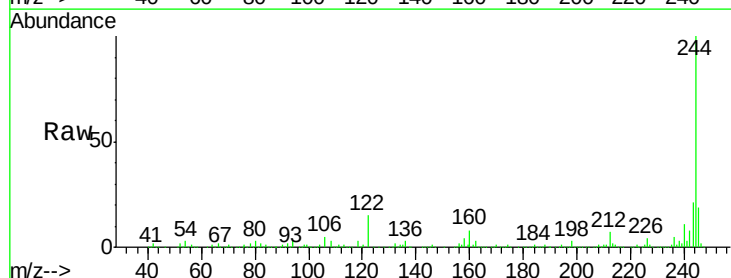
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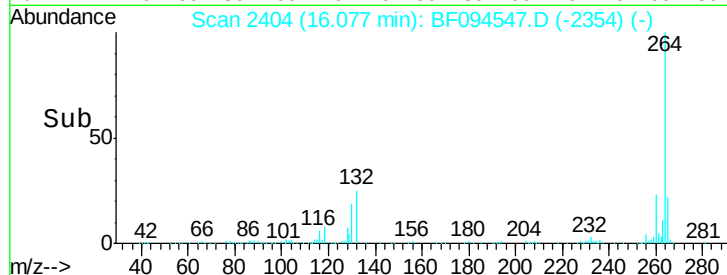
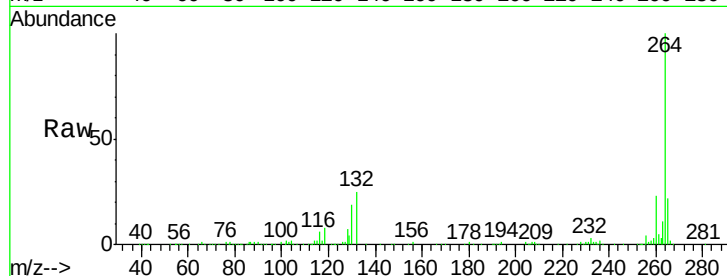
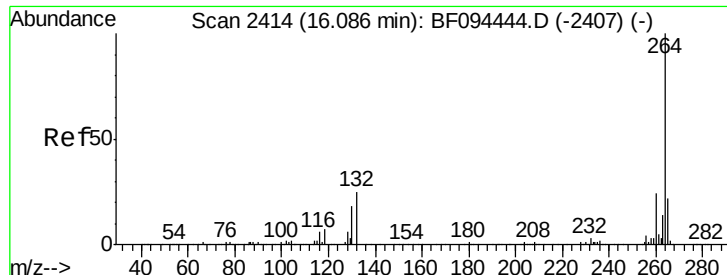
Tot Ion:240 Resp: 362076
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 77.50 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094547.D
 Acq: 20 Apr 2017 16:22

Tgt Ion:244 Resp: 1049755
 Ion Ratio Lower Upper
 244 100
 212 7.3 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: BF094547.D
 Acq: 20 Apr 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8

