

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090465.D
 Acq On : 8 Oct 2016 4:09
 Operator : UM/SJ
 Sample : H5120-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104

Quant Time: Oct 08 04:37:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

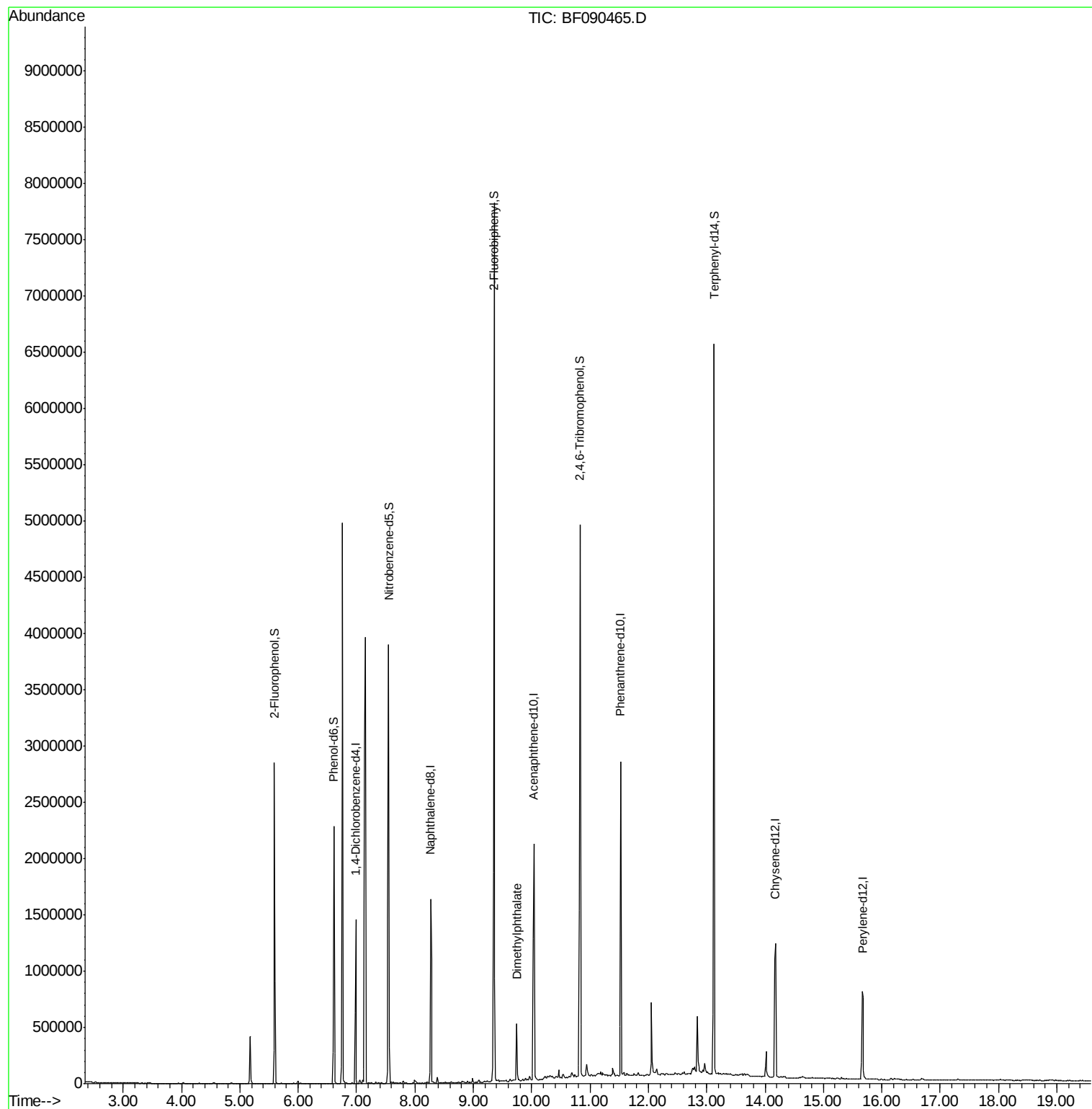
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	236858	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	944266	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	533597	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	860436	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	547695	20.00	ng	-0.02
86) Perylene-d12	15.68	264	408393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	793274	49.98	ng	-0.01
7) Phenol-d6	6.61	99	694252	33.40	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1429253	73.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	574238	132.35	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2355073	73.54	ng	-0.02
78) Terphenyl-d14	13.13	244	2776818	113.98	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	171500	5.02	ng	Qvalue 97

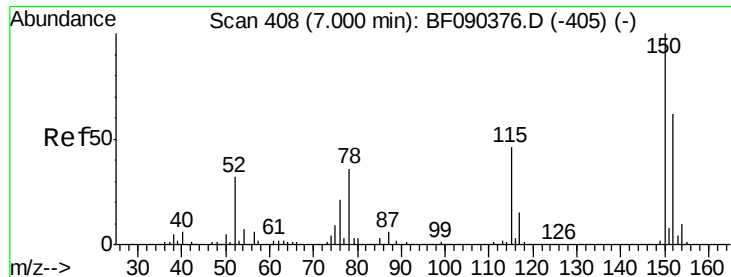
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

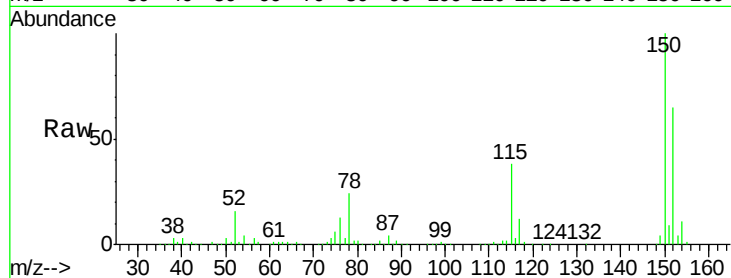
Tgt Ion:152 Resp: 236858

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

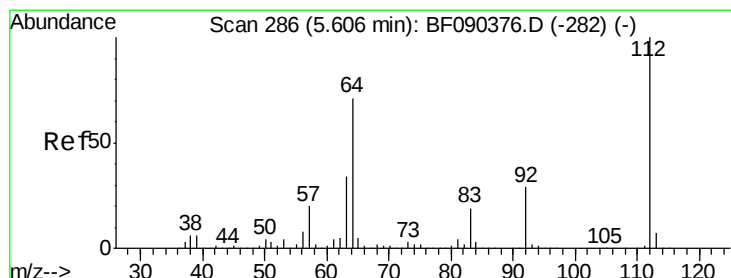
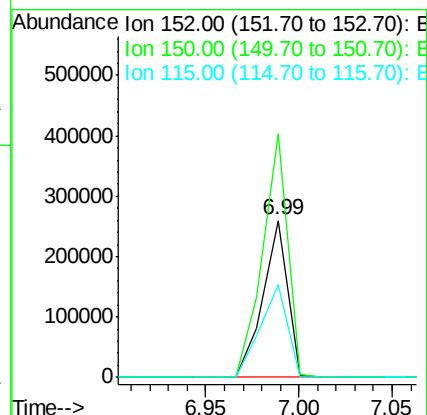
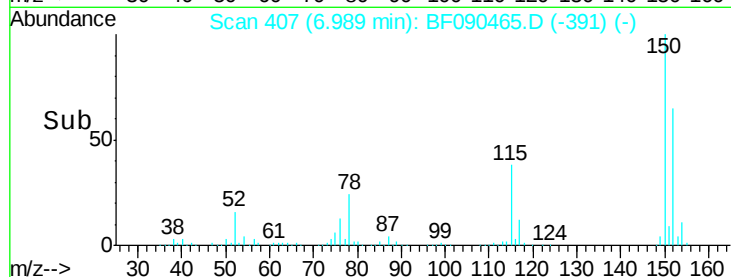
115 58.9 46.2 69.4



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: 49.98 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

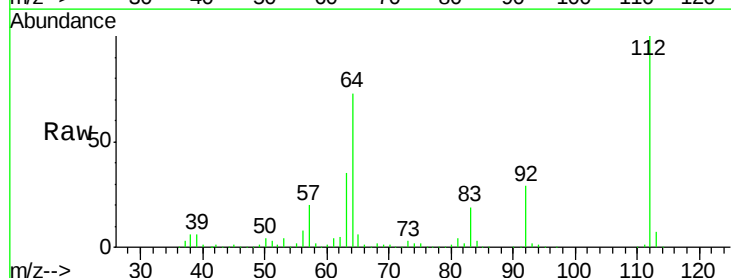
Tgt Ion:112 Resp: 793274

Ion Ratio Lower Upper

112 100

64 72.9 57.9 86.9

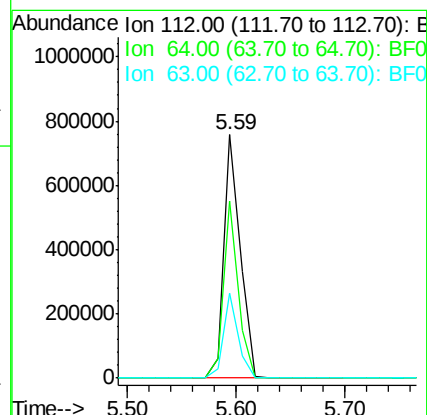
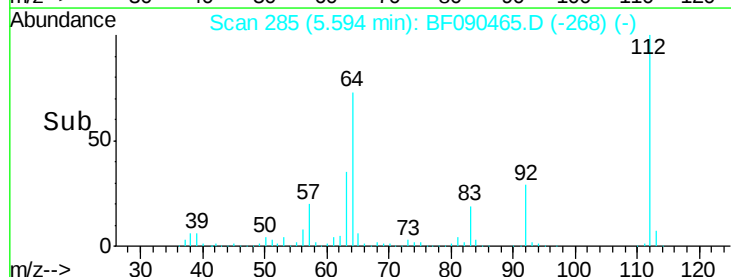
63 35.1 29.6 44.4



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: 33.40 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

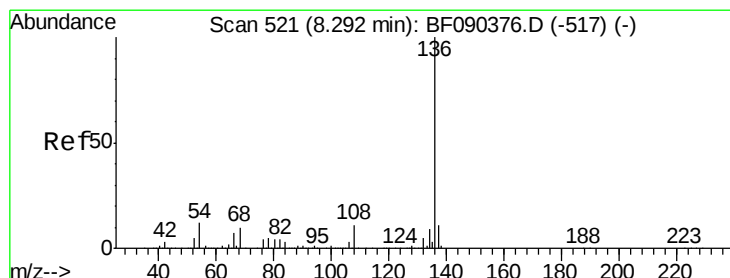
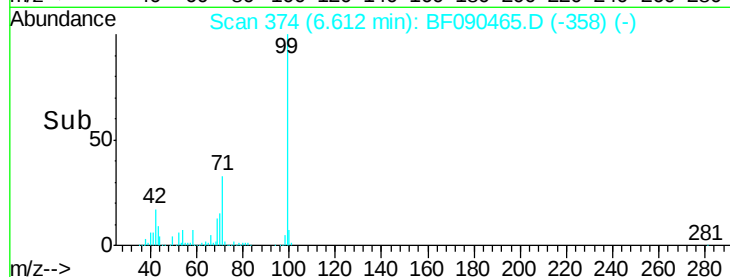
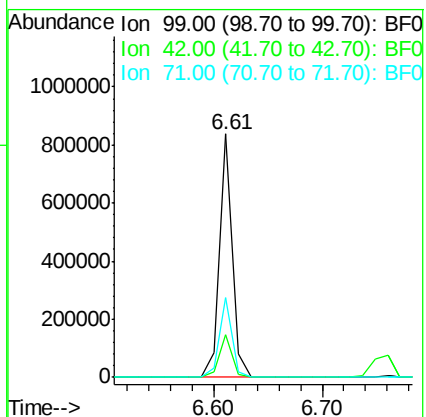
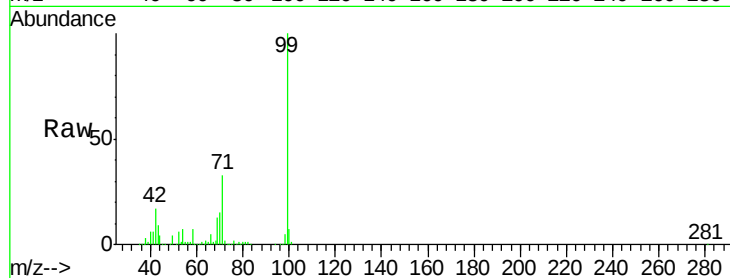
Tgt Ion: 99 Resp: 694252

Ion Ratio Lower Upper

99 100

42 17.3 20.0 30.0#

71 32.9 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

Tgt Ion: 136 Resp: 944266

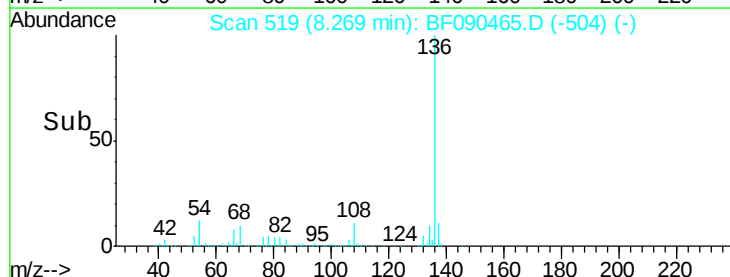
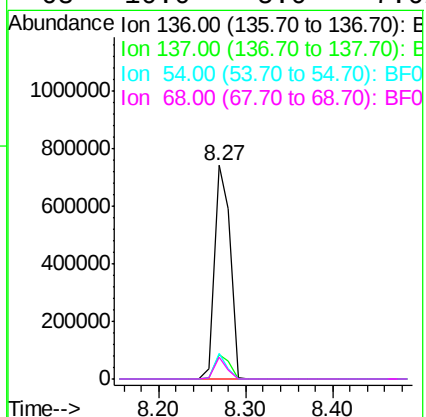
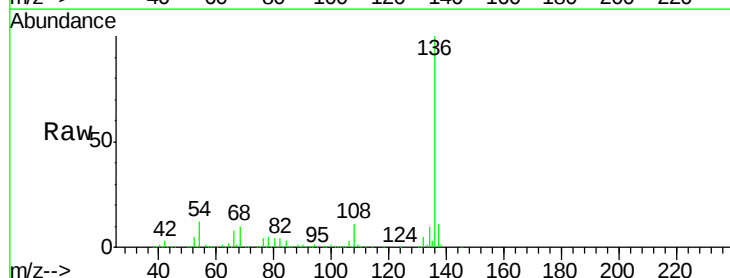
Ion Ratio Lower Upper

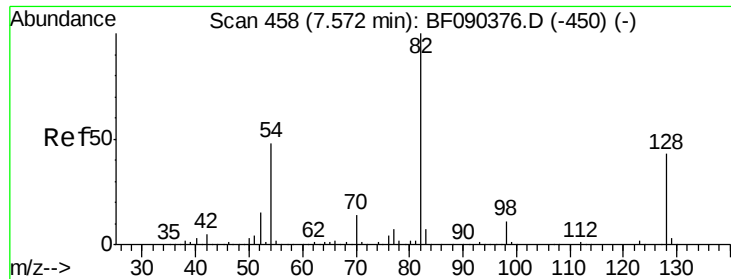
136 100

137 11.5 9.0 13.6

54 11.9 6.6 10.0#

68 10.0 5.0 7.6#

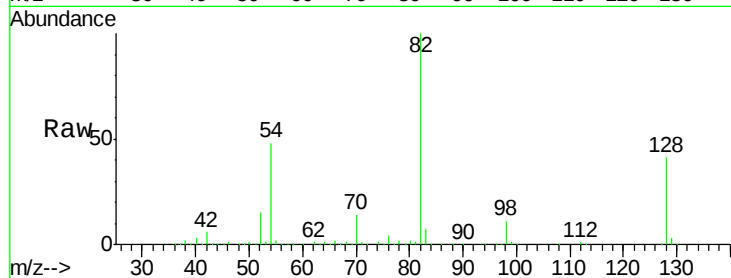




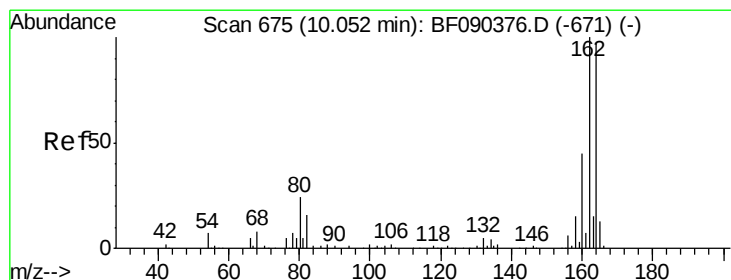
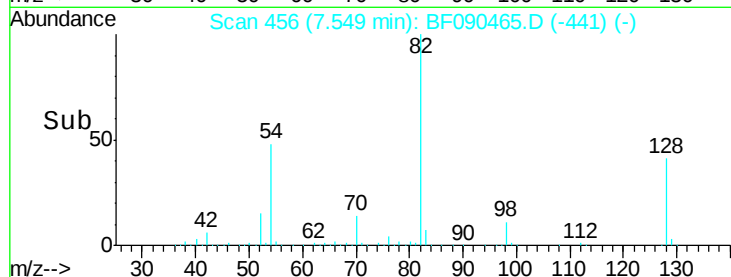
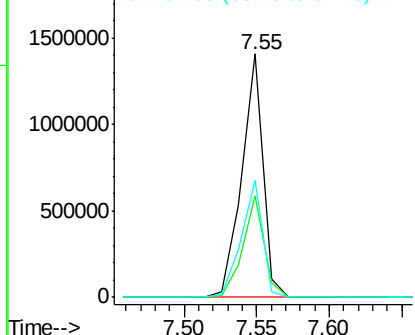
#23
 Nitrobenzene-d5
 Concen: 73.63 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090465.D
 Acq: 8 Oct 2016 4:09

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104

Tgt Ion: 82 Resp: 1429253
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.0 60.0
 54 48.3 42.6 64.0

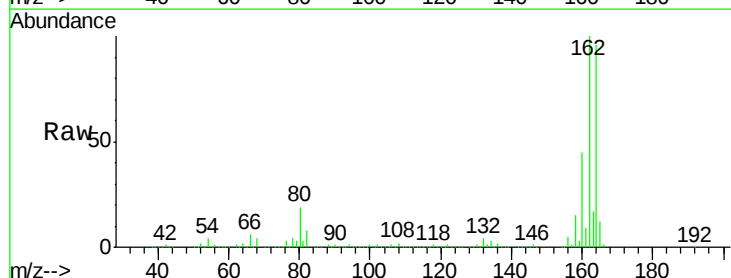


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

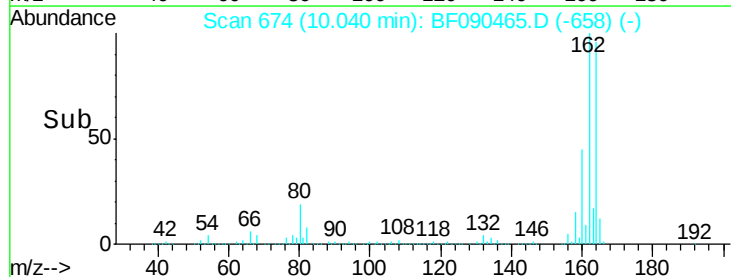
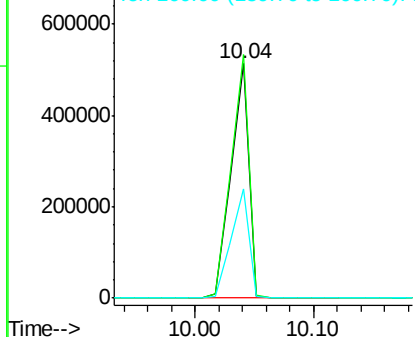


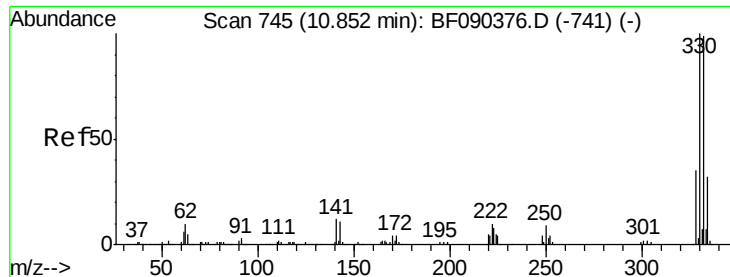
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090465.D
 Acq: 8 Oct 2016 4:09

Tgt Ion: 164 Resp: 533597
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.1 120.1
 160 46.5 36.3 54.5



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

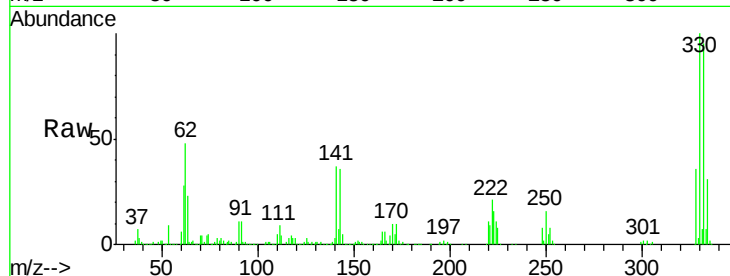




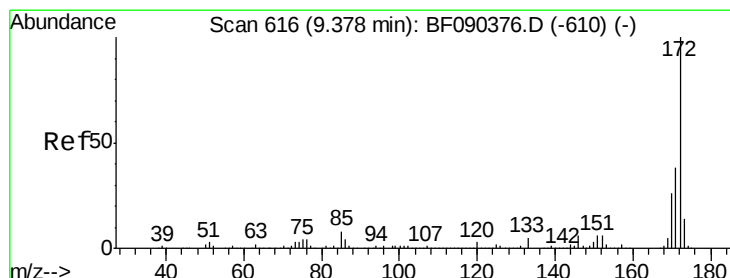
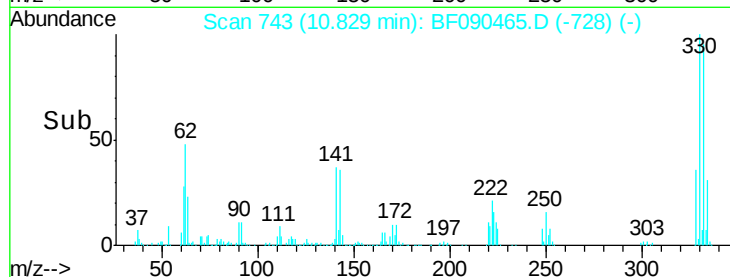
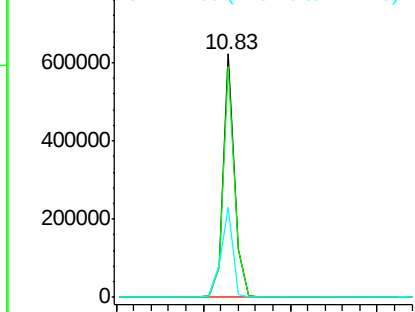
#41
 2,4,6-Tribromophenol
 Concen: 132.35 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090465.D
 Acq: 8 Oct 2016 4:09

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104

Tgt Ion:330 Resp: 574238
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.4 113.0
 141 39.5 26.9 40.3

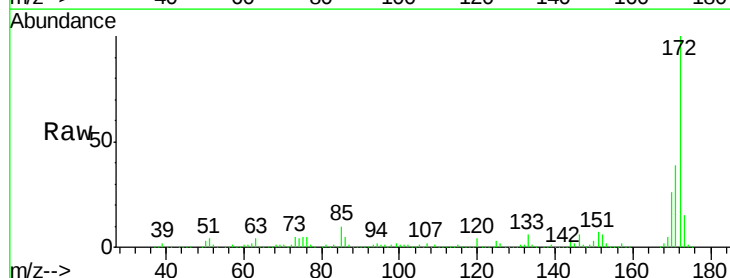


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

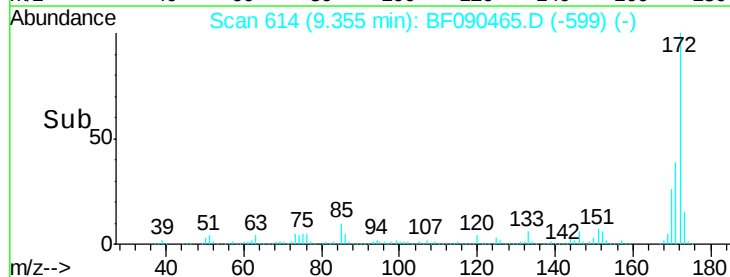
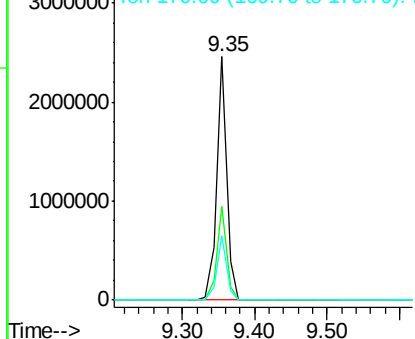


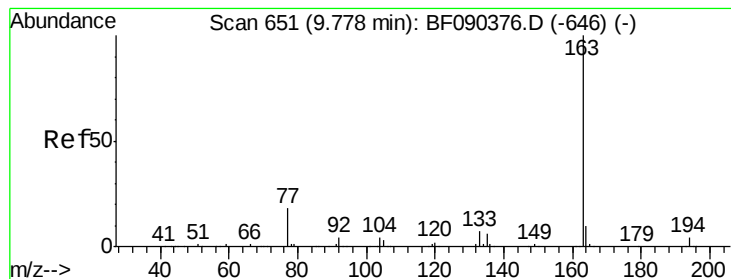
#44
 2-Fluorobiphenyl
 Concen: 73.54 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090465.D
 Acq: 8 Oct 2016 4:09

Tgt Ion:172 Resp: 2355073
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.8 47.8
 170 26.4 21.7 32.5



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: 5.02 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

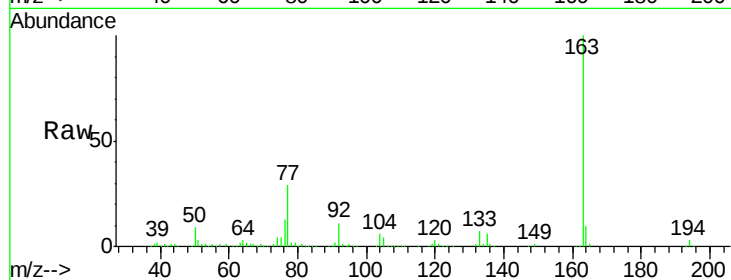
Tgt Ion:163 Resp: 171500

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

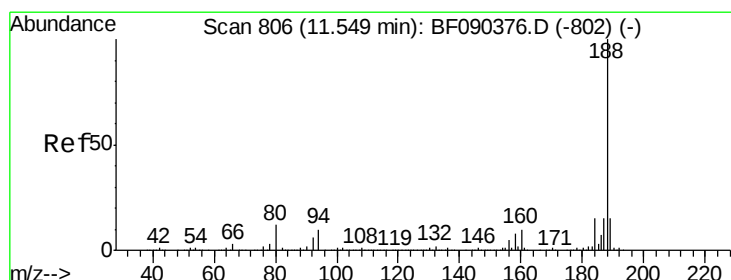
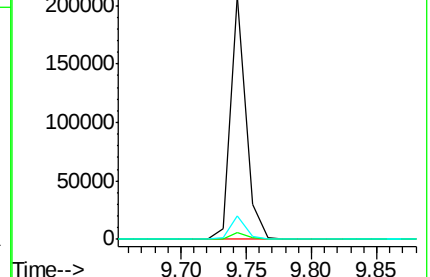
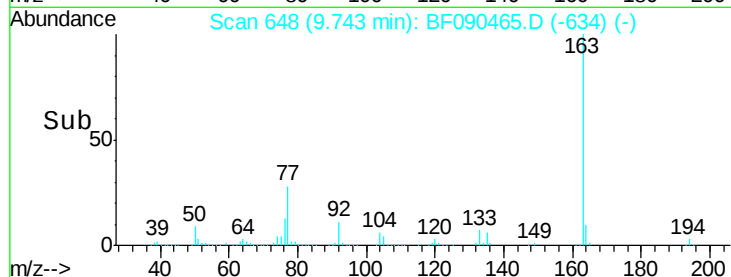
164 9.8 9.0 13.4



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: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

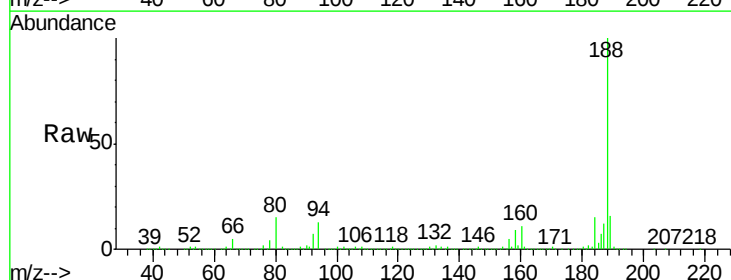
Tgt Ion:188 Resp: 860436

Ion Ratio Lower Upper

188 100

94 12.8 8.2 12.2#

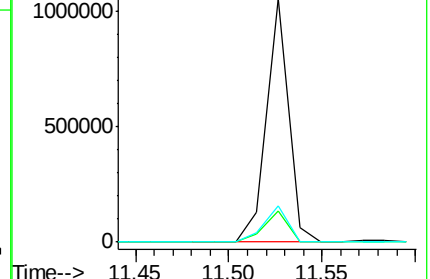
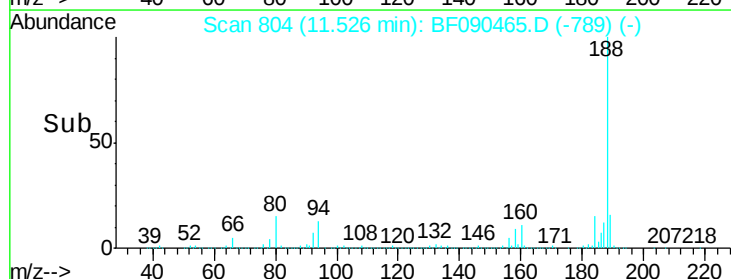
80 14.7 8.8 13.2#

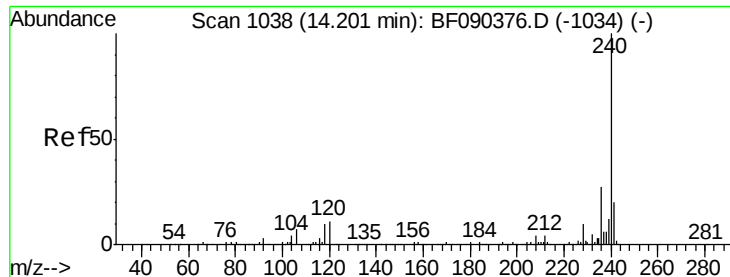


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

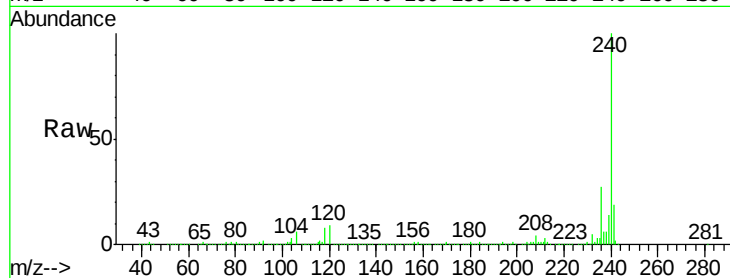
Tgt Ion:240 Resp: 547695

Ion Ratio Lower Upper

240 100

120 8.8 8.6 13.0

236 26.8 21.6 32.4



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

600000

500000

400000

300000

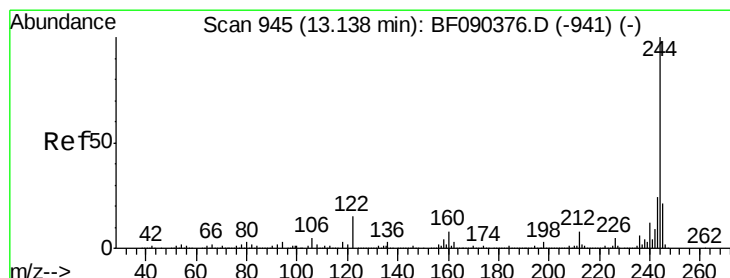
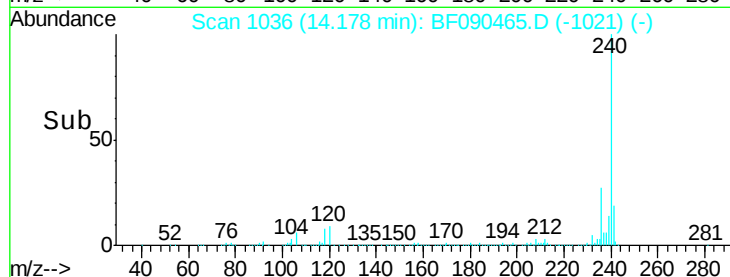
200000

100000

0

14.10 14.20 14.30

Time-->



#78

Terphenyl-d14

Concen: 113.98 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090465.D

Acq: 8 Oct 2016 4:09

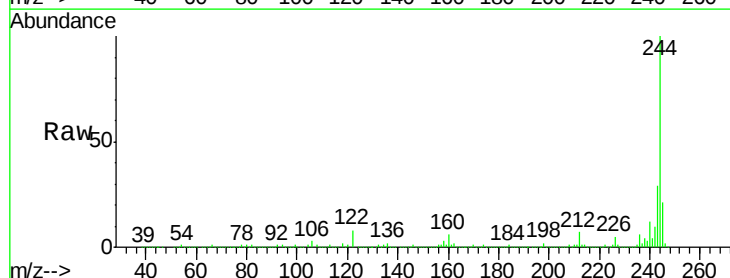
Tgt Ion:244 Resp: 2776818

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

122 8.2 13.3 19.9#



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

3000000

2500000

2000000

1500000

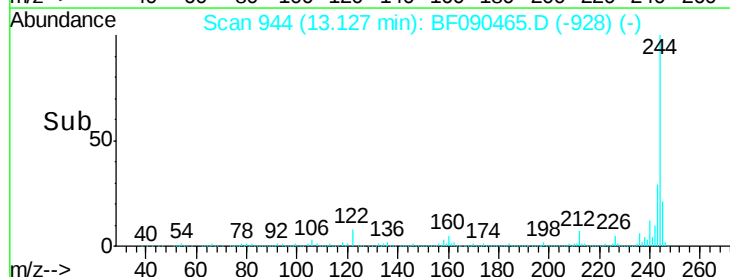
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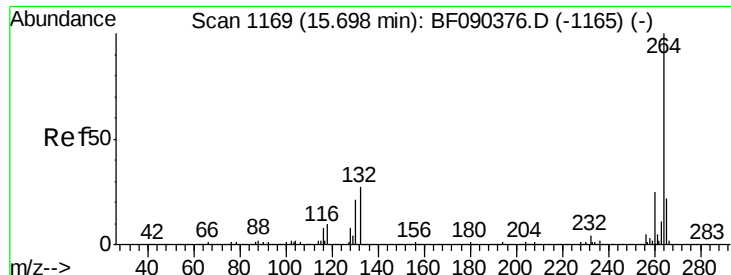
500000

0

13.10 13.20 13.30

Time-->

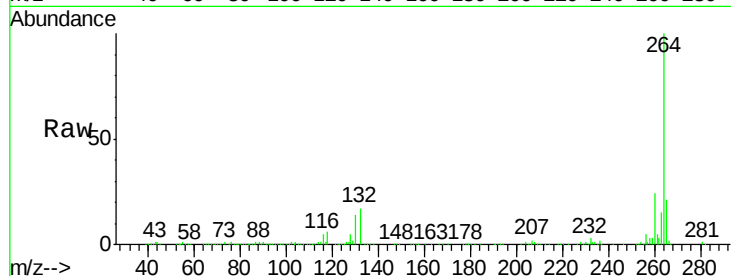




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090465.D
Acq: 8 Oct 2016 4:09

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.2	17.4	26.0



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

