

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090463.D
 Acq On : 8 Oct 2016 3:14
 Operator : UM/SJ
 Sample : H5107-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Quant Time: Oct 08 04:29:18 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

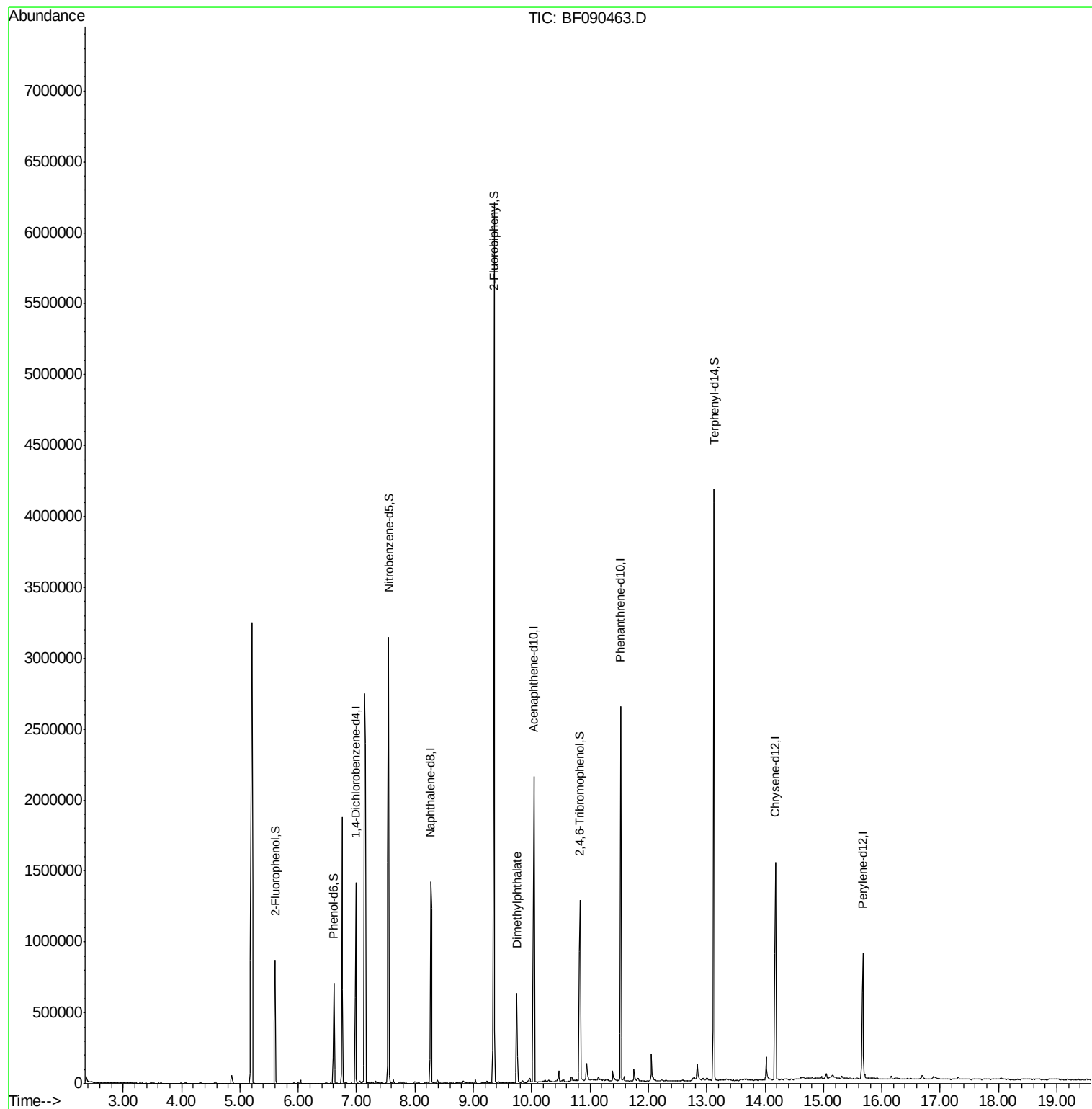
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	229492	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	949711	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	537186	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	835956	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	593442	20.00	ng	-0.02
86) Perylene-d12	15.68	264	410349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	258451	16.81	ng	0.00
7) Phenol-d6	6.61	99	234725	11.66	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1220492	62.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	185971	42.58	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	1933460	59.97	ng	-0.02
78) Terphenyl-d14	13.13	244	1995722	75.61	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	261856	7.61	ng	Qvalue 98

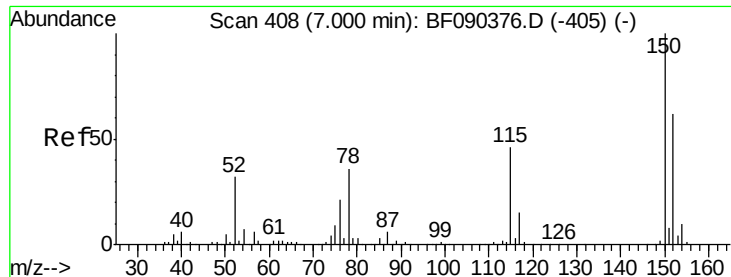
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090463.D

Acq: 8 Oct 2016 3:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

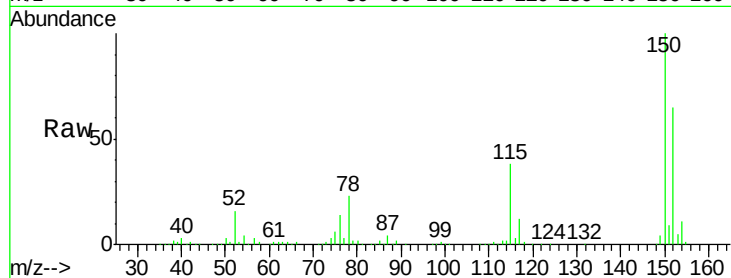
Tgt Ion:152 Resp: 229492

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

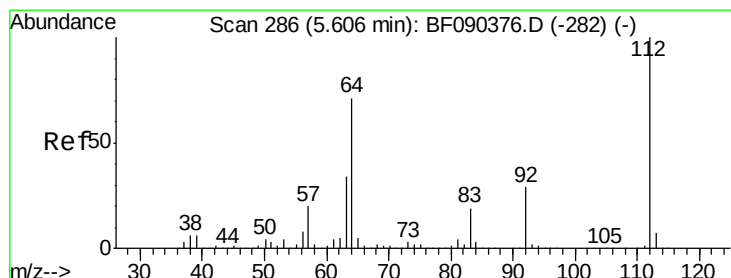
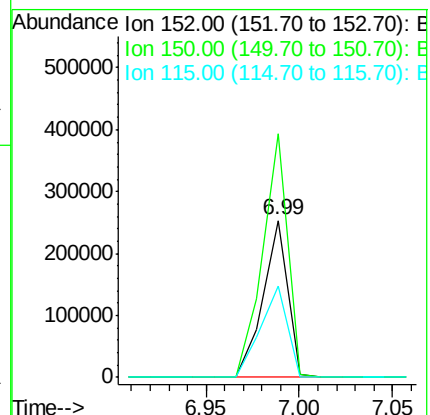
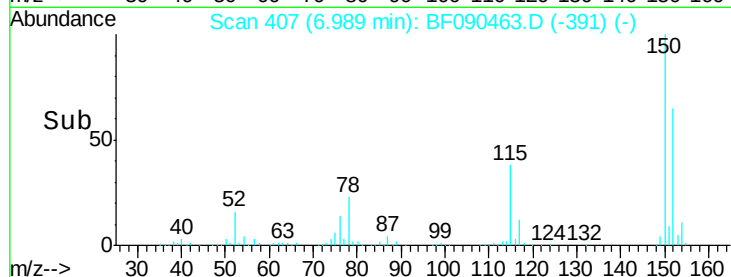
115 58.3 46.2 69.4



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: 16.81 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

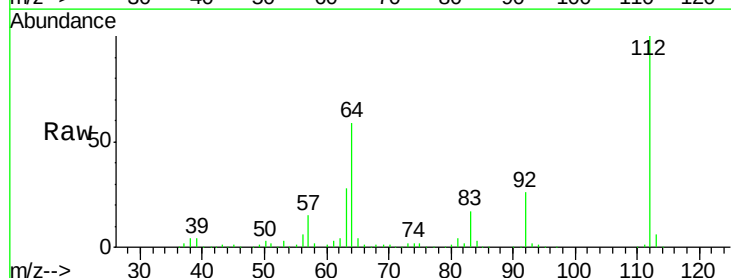
Tgt Ion:112 Resp: 258451

Ion Ratio Lower Upper

112 100

64 58.8 57.9 86.9

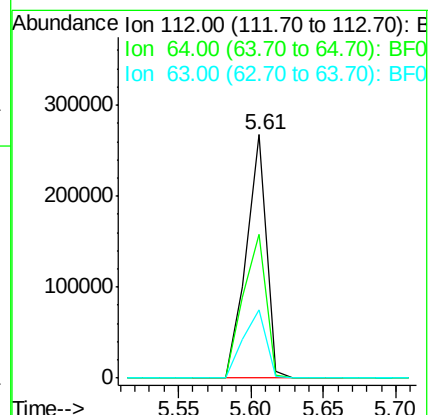
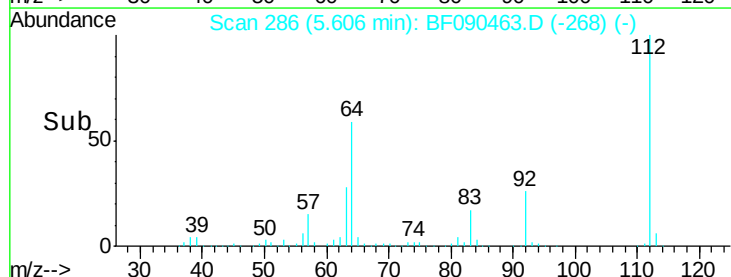
63 28.2 29.6 44.4#

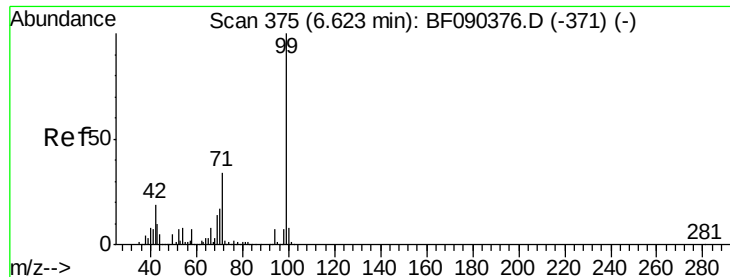


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.66 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

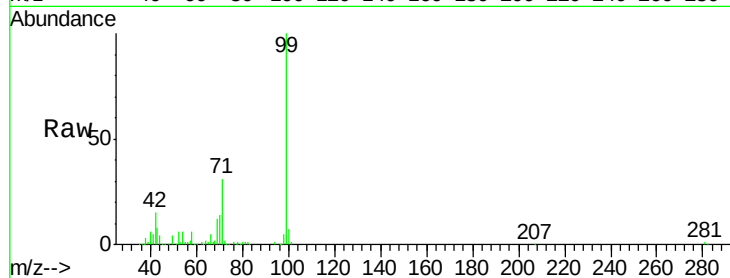
Tgt Ion: 99 Resp: 234725

Ion Ratio Lower Upper

99 100

42 14.5 20.0 30.0#

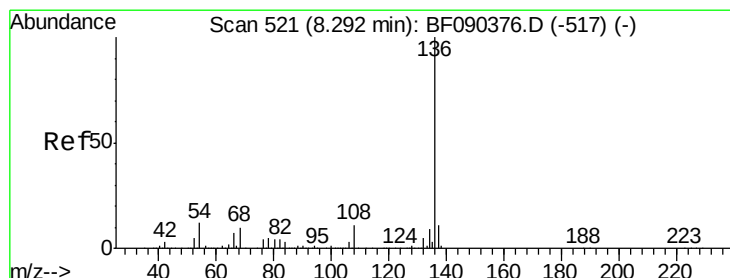
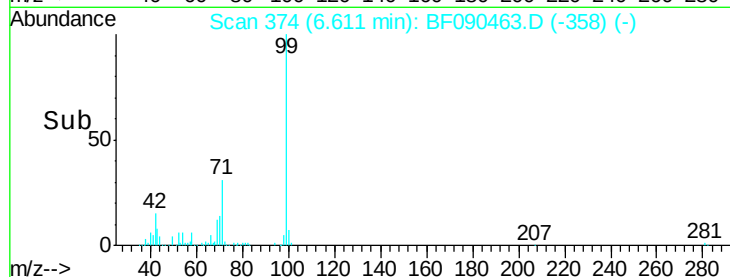
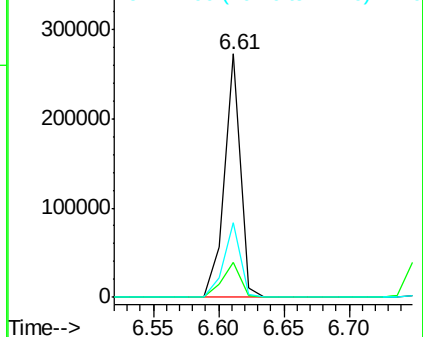
71 30.7 27.9 41.9



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: 8.27 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

Tgt Ion: 136 Resp: 949711

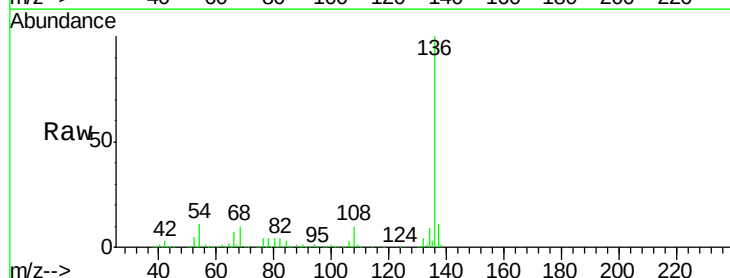
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 11.2 6.6 10.0#

68 9.7 5.0 7.6#

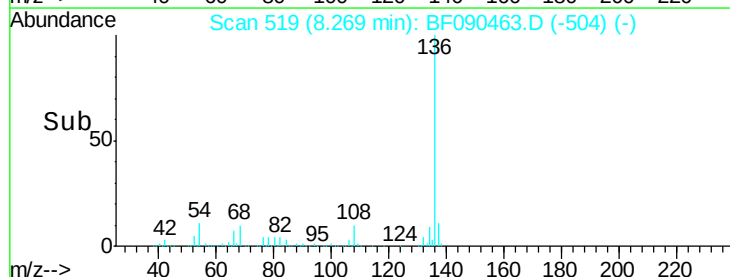
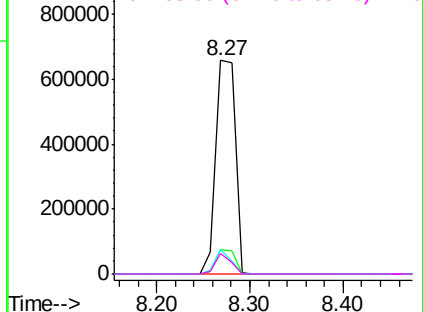


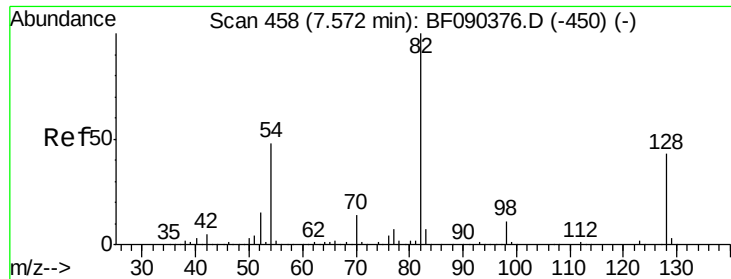
Abundance Ion 136.00 (135.70 to 136.70): E

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

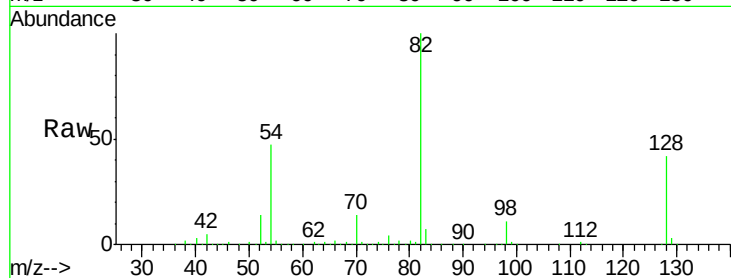




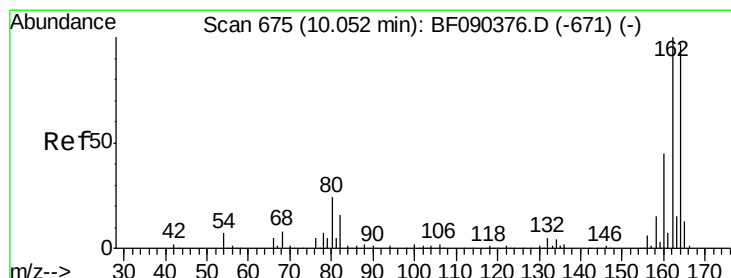
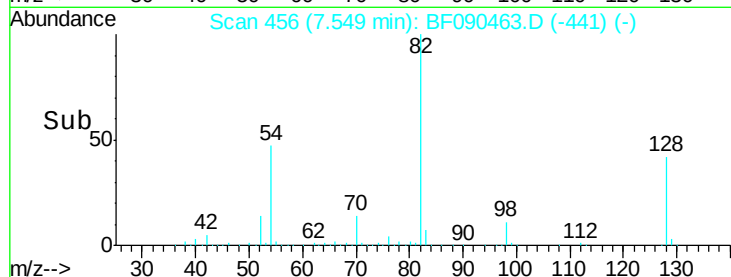
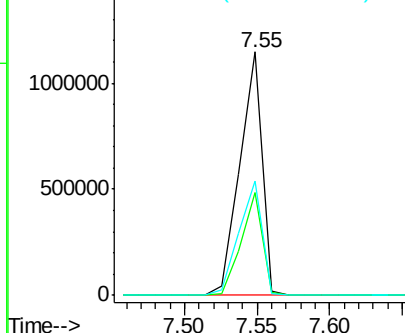
#23
 Nitrobenzene-d5
 Concen: 62.51 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tgt Ion: 82 Resp: 1220492
 Ion Ratio Lower Upper
 82 100
 128 42.4 40.0 60.0
 54 46.7 42.6 64.0

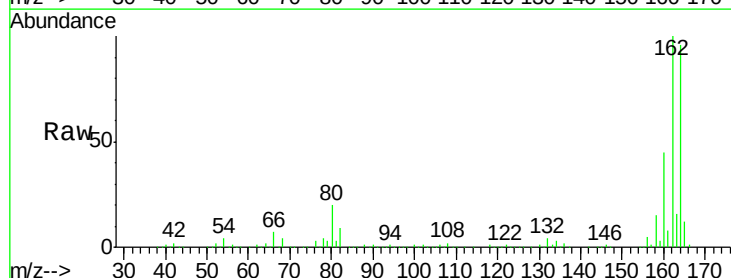


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

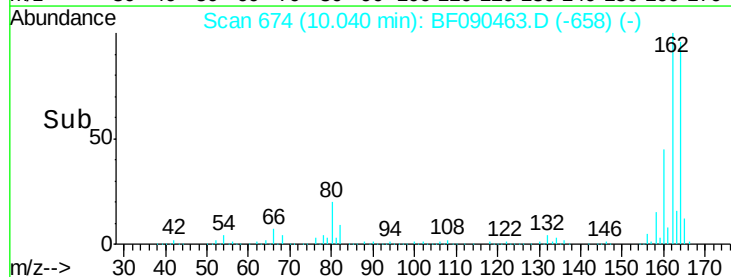
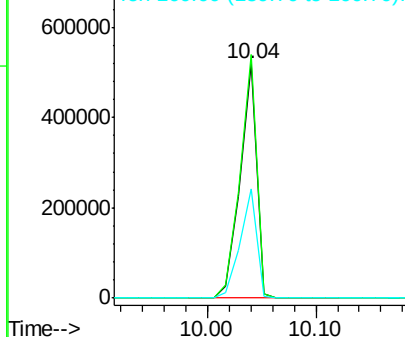


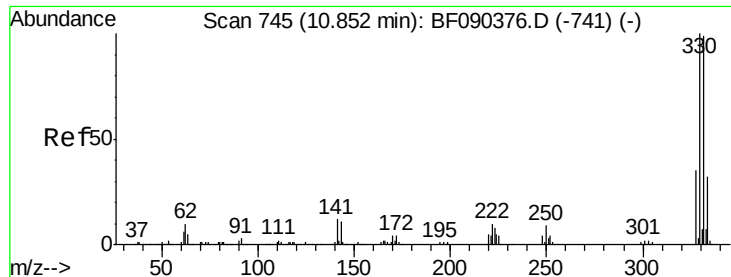
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion: 164 Resp: 537186
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.1 120.1
 160 46.4 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

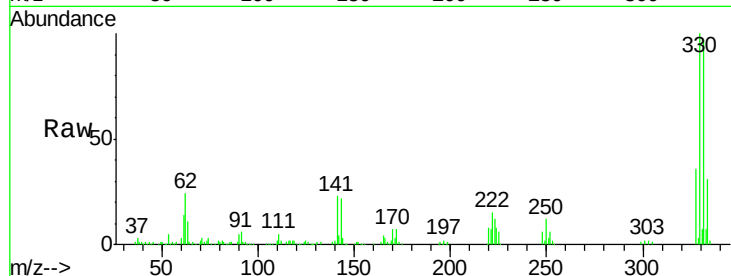




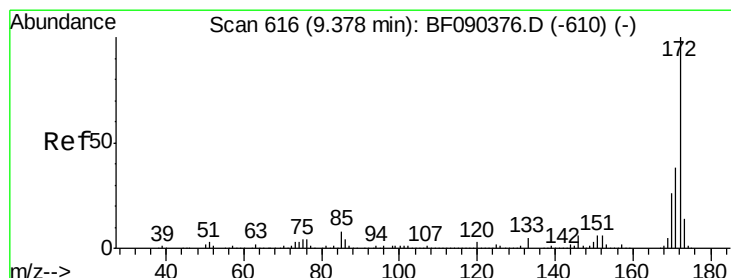
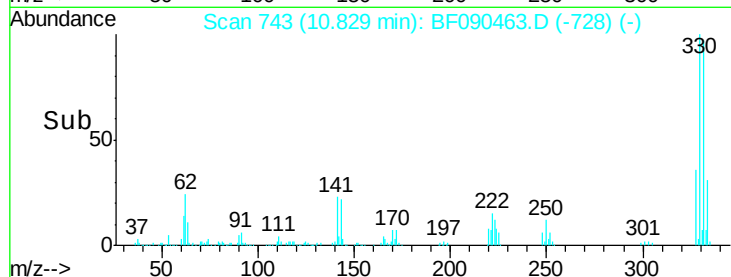
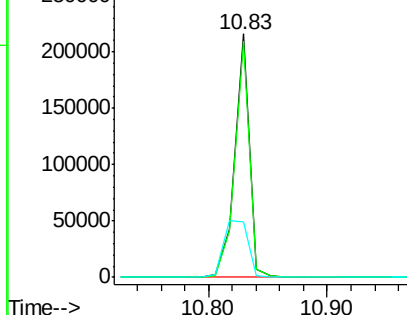
#41
 2,4,6-Tribromophenol
 Concen: 42.58 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tgt Ion:330 Resp: 185971
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 38.8 26.9 40.3

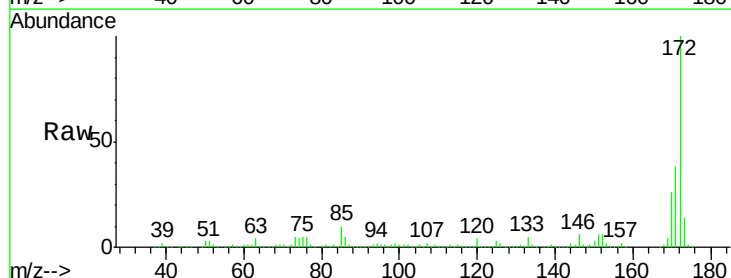


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

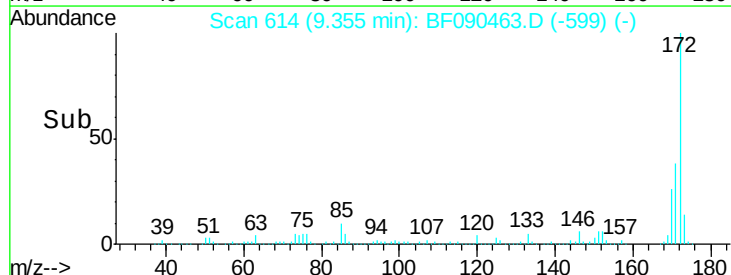
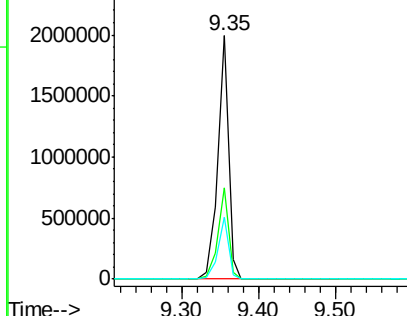


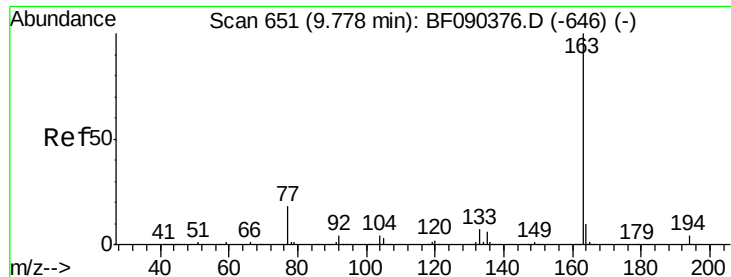
#44
 2-Fluorobiphenyl
 Concen: 59.97 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090463.D
 Acq: 8 Oct 2016 3:14

Tgt Ion:172 Resp: 1933460
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.5 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: 7.61 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

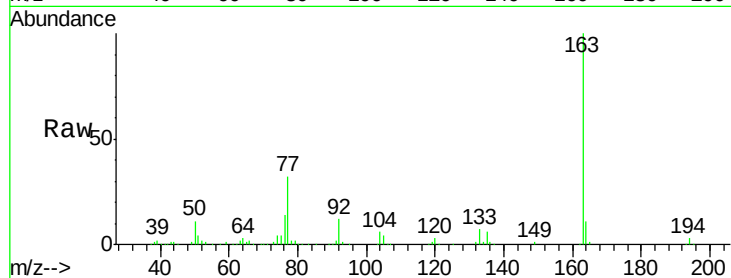
Tgt Ion:163 Resp: 261856

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

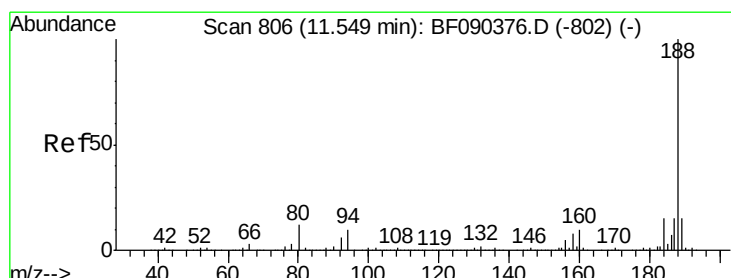
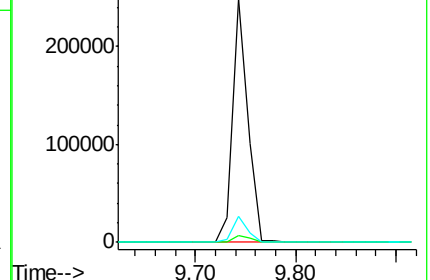
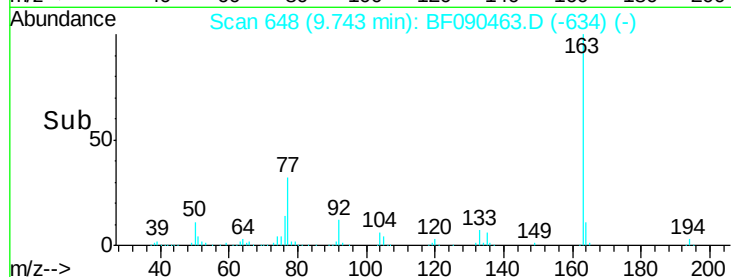
164 10.6 9.0 13.4



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: BF090463.D

Acq: 8 Oct 2016 3:14

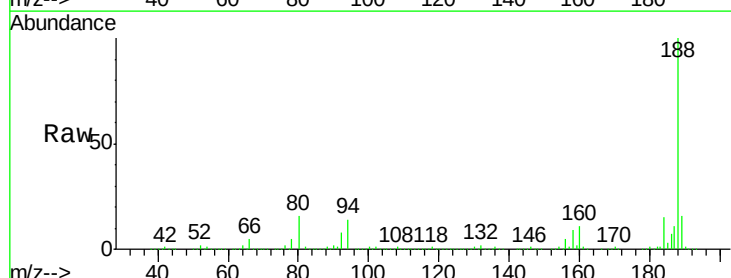
Tgt Ion:188 Resp: 835956

Ion Ratio Lower Upper

188 100

94 14.0 8.2 12.2#

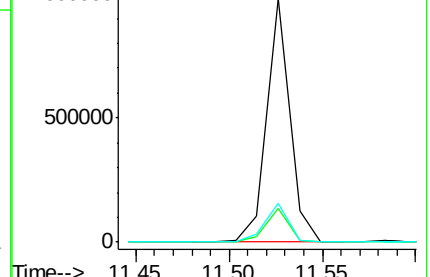
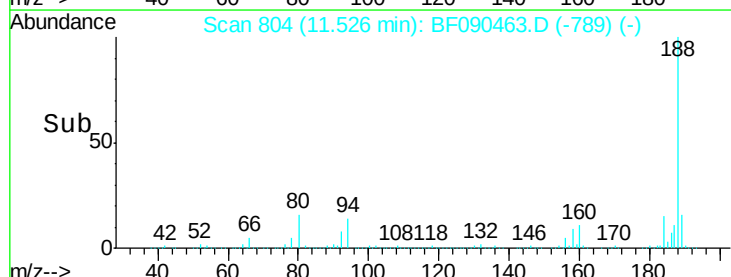
80 16.0 8.8 13.2#

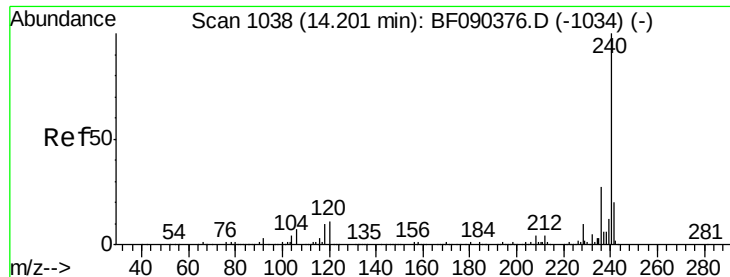


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090463.D

Acq: 8 Oct 2016 3:14

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

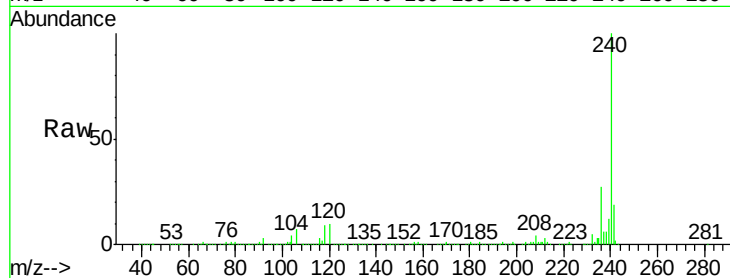
Tgt Ion:240 Resp: 593442

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 27.0 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

800000

600000

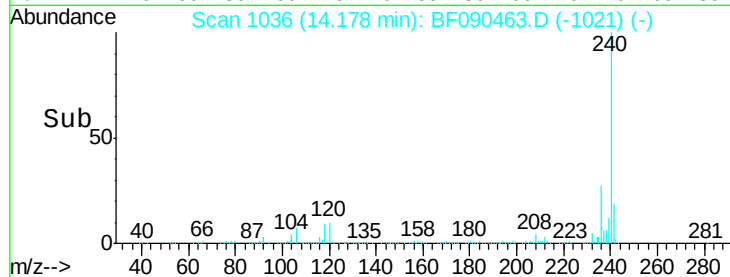
400000

200000

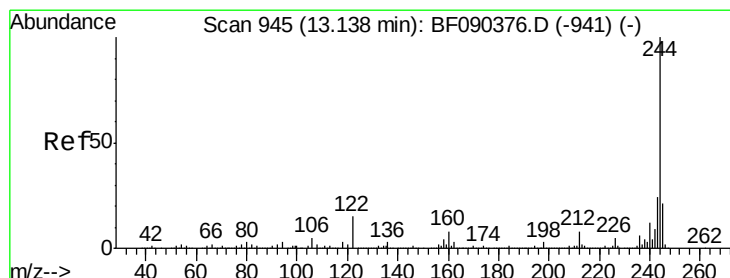
0

14.18

14.10 14.20 14.30



Time-->



#78

Terphenyl-d14

Concen: 75.61 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090463.D

Acq: 8 Oct 2016 3:14

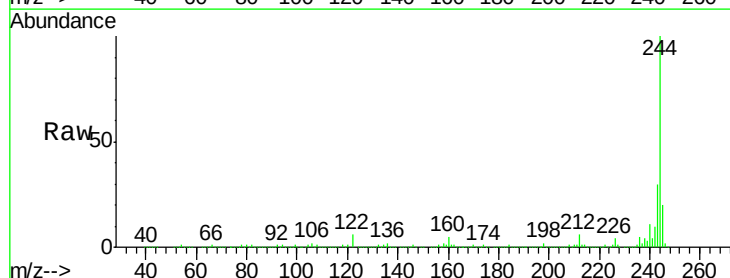
Tgt Ion:244 Resp: 1995722

Ion Ratio Lower Upper

244 100

212 6.2 6.8 10.2#

122 6.5 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

2000000

1500000

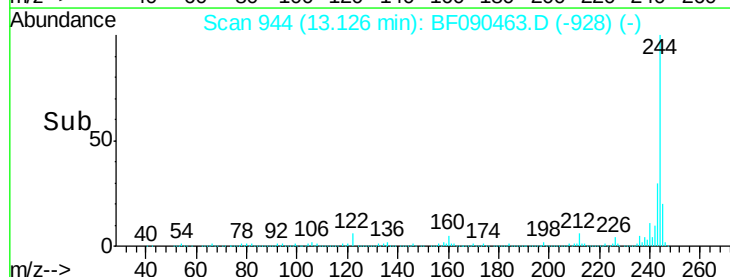
1000000

500000

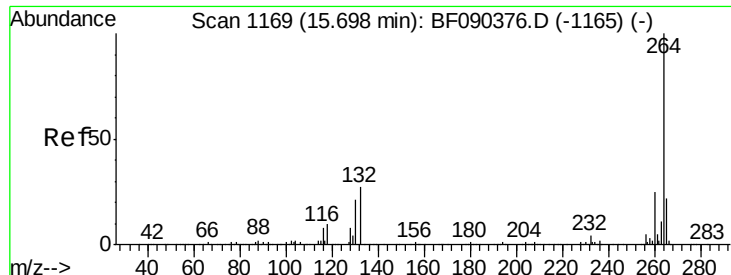
0

13.13

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: BF090463.D
Acq: 8 Oct 2016 3:14

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tgt Ion: 264 Resp: 410349
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 21.9 17.4 26.0

