

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090201.D
 Acq On : 23 Sep 2016 16:53
 Operator : UM/SJ
 Sample : H4867-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-04

Quant Time: Sep 23 18:46:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 18:09:48 2016
 Response via : Initial Calibration

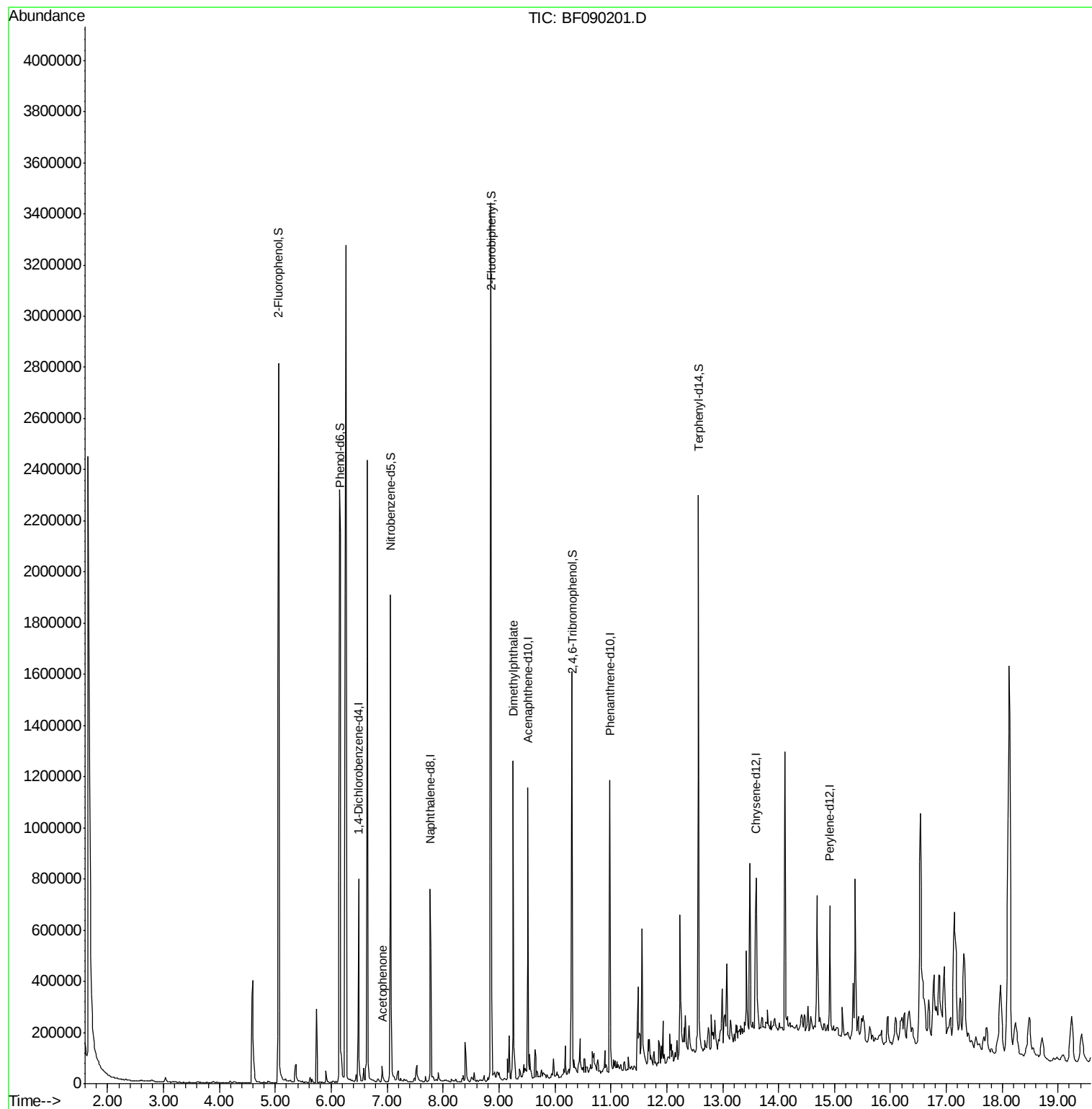
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	137078	20.00	ng	-0.03
21) Naphthalene-d8	7.77	136	491020	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	277199	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	397233	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	261259	20.00	ng	-0.03
86) Perylene-d12	14.91	264	247411	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1119026	133.06	ng	-0.01
7) Phenol-d6	6.16	99	1615636	155.56	ng	-0.01
23) Nitrobenzene-d5	7.06	82	810840	95.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	339808	142.89	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1127448	79.85	ng	-0.03
78) Terphenyl-d14	12.57	244	803727	78.10	ng	-0.03
Target Compounds						
22) Acetophenone	6.91	105	29501	2.49	ng	Qvalue # 97
49) Dimethylphthalate	9.26	163	499788	28.31	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-04

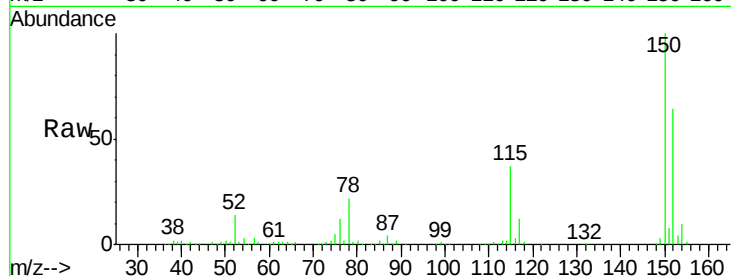
Tot Ion:152 Resp: 137078

Ion Ratio Lower Upper

152 100

150 156.3 128.9 193.3

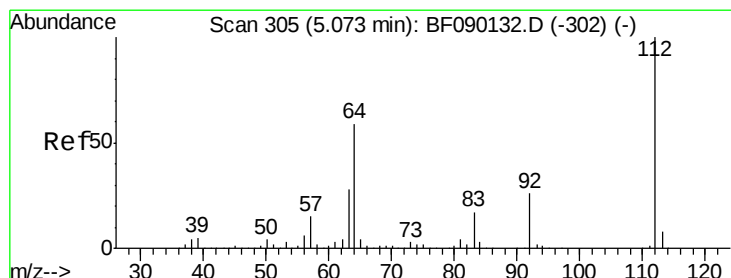
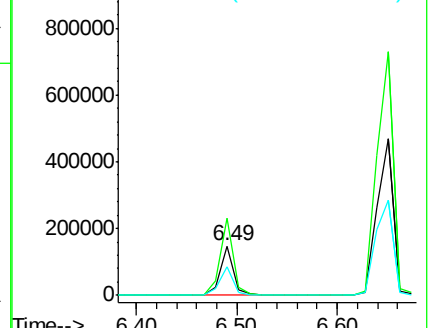
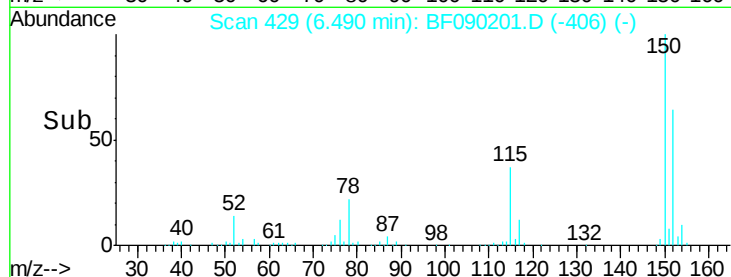
115 58.6 55.5 83.3



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: 133.06 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

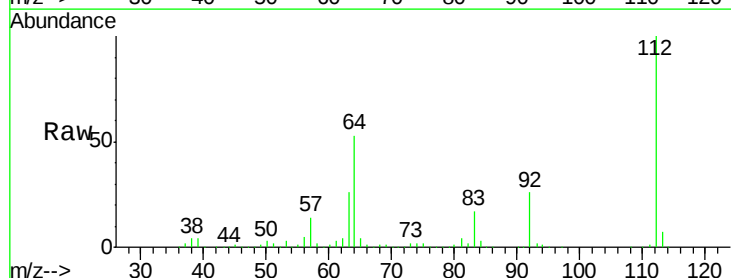
Tgt Ion:112 Resp: 1119026

Ion Ratio Lower Upper

112 100

64 52.6 39.8 59.6

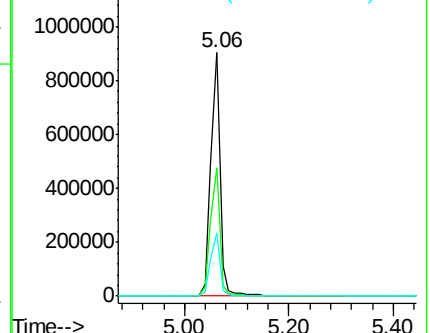
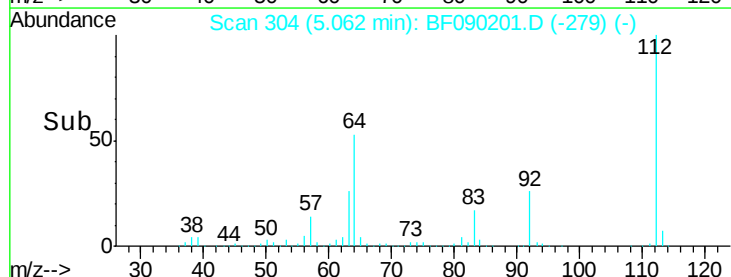
63 25.9 18.9 28.3

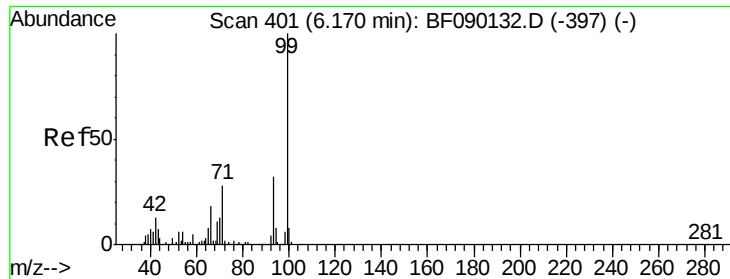


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.56 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

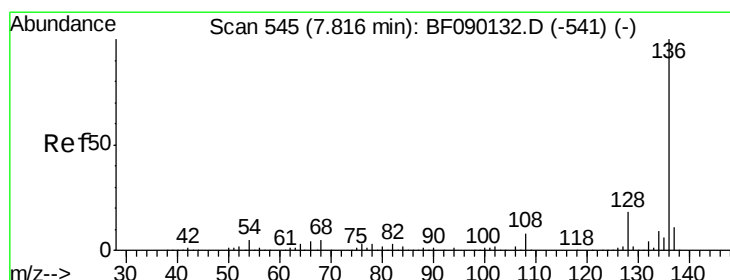
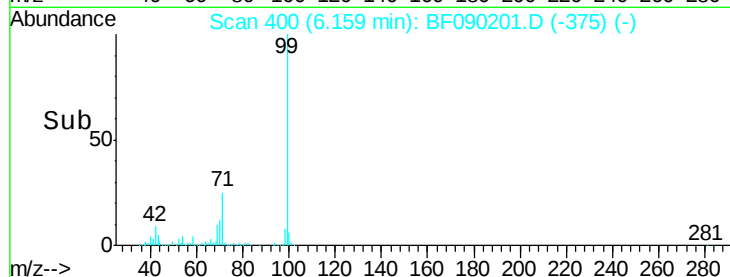
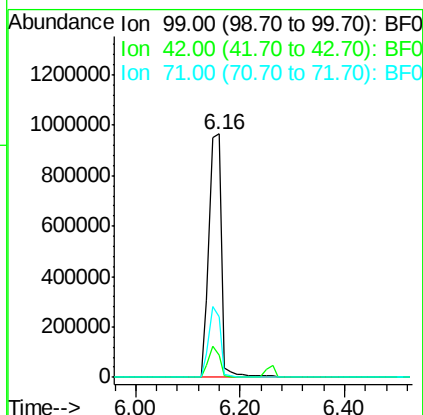
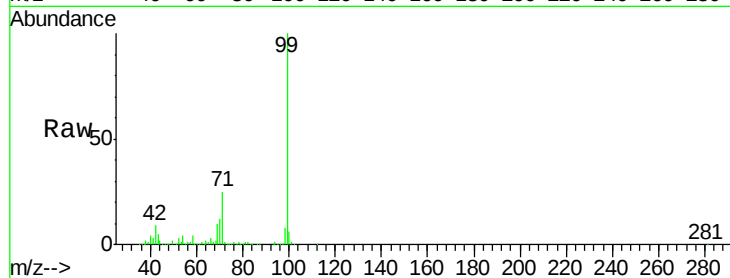
BNA_F

ClientSampleId :

TS-WSG-16121-04

Tot Ion: 99 Resp: 1615636

Ion	Ratio	Lower	Upper
99	100		
42	9.1	10.6	15.8#
71	25.0	23.0	34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

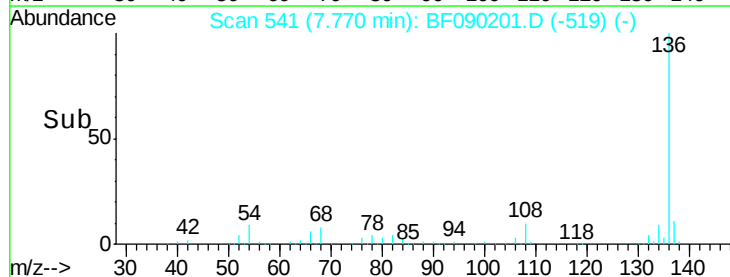
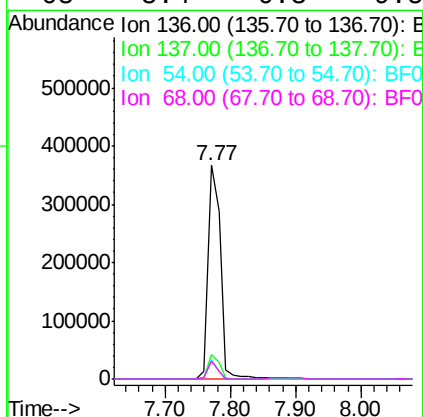
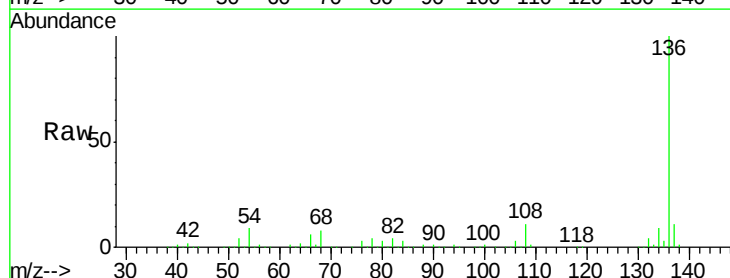
Delta R.T. -0.05 min

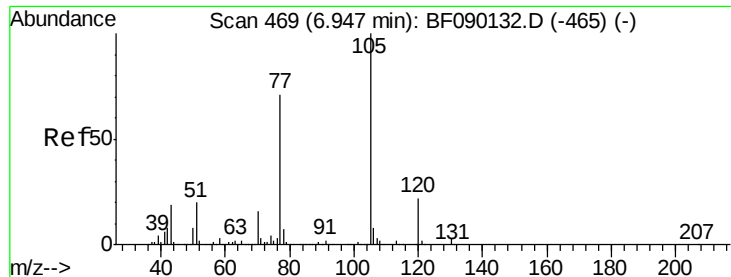
Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Tgt Ion: 136 Resp: 491020

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.9	6.4	9.6
68	8.4	6.3	9.5





#22

Acetophenone

Concen: 2.49 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-04

Tot Ion:105 Resp: 29501

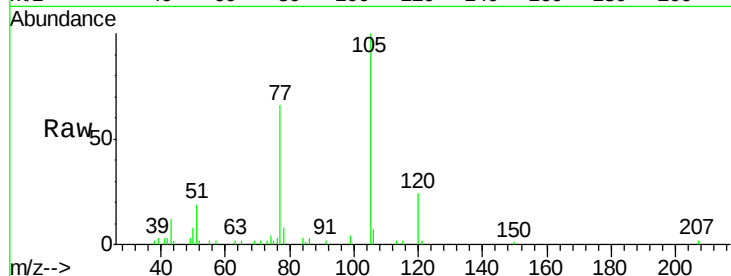
Ion Ratio Lower Upper

105 100

71 2.1 4.1 6.1#

51 18.8 16.2 24.2

120 23.6 18.2 27.2

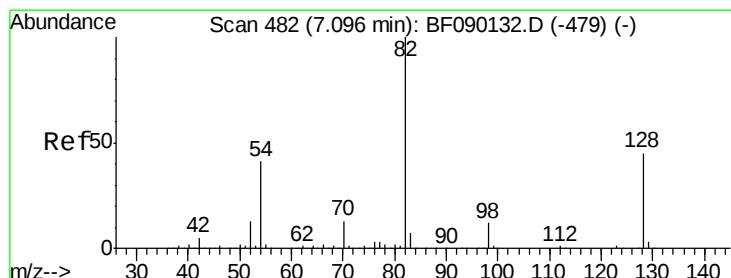
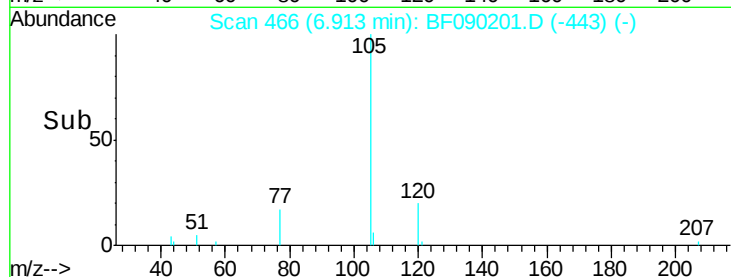
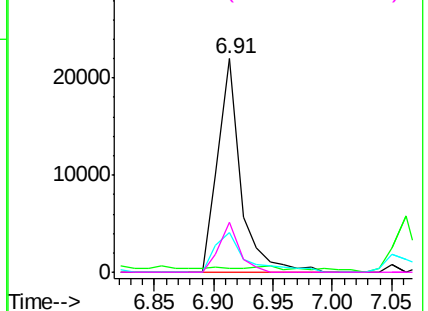


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.73 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

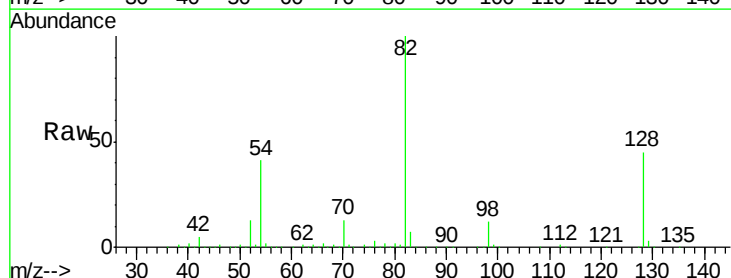
Tgt Ion: 82 Resp: 810840

Ion Ratio Lower Upper

82 100

128 44.7 37.5 56.3

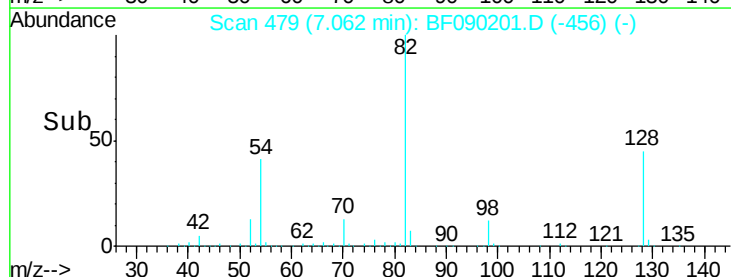
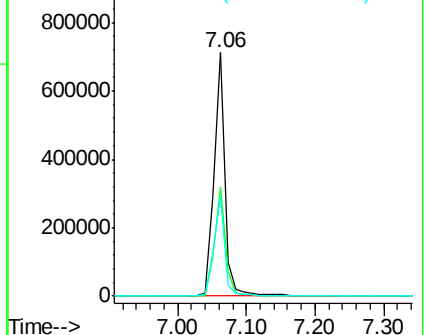
54 41.4 31.9 47.9

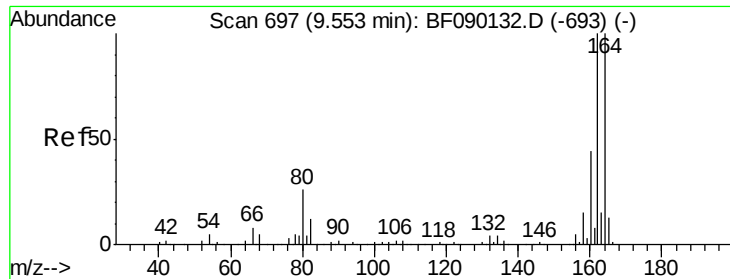


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-04

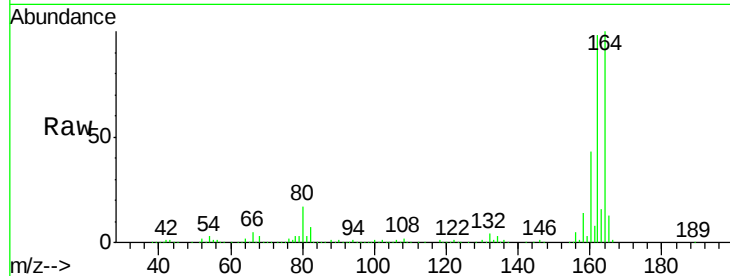
Tot Ion:164 Resp: 277199

Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.2

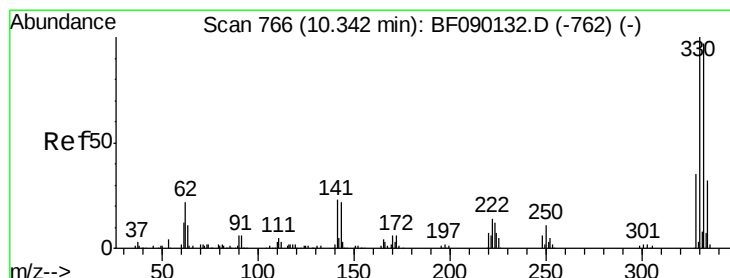
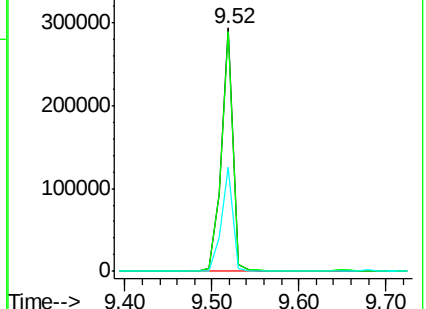
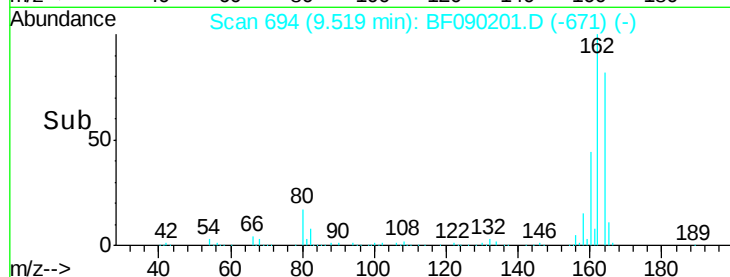
160 42.9 36.6 54.8



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: 142.89 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

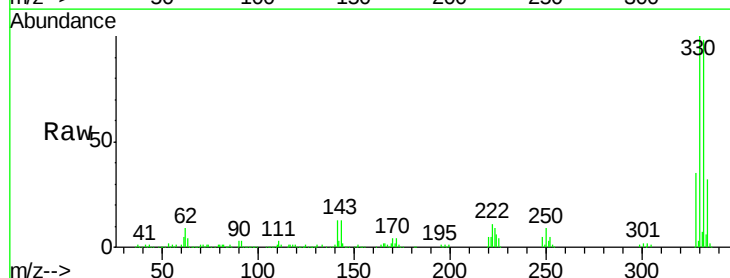
Tgt Ion:330 Resp: 339808

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

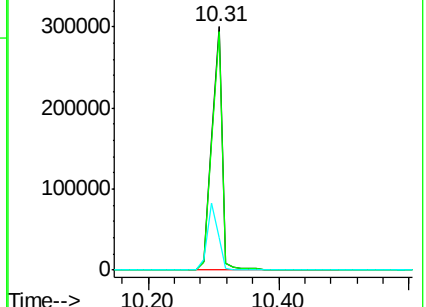
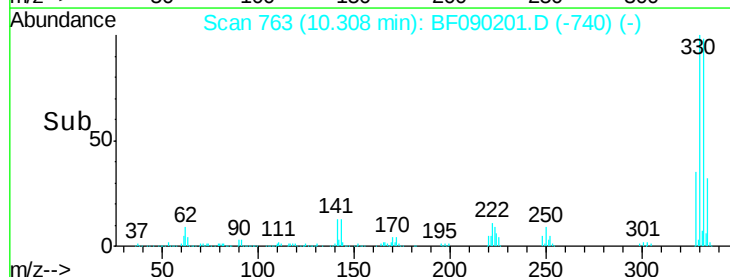
141 28.7 23.9 35.9



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

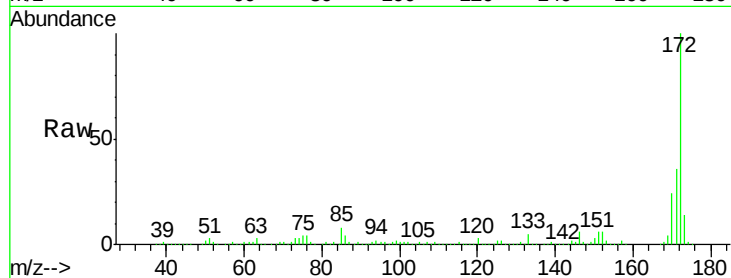




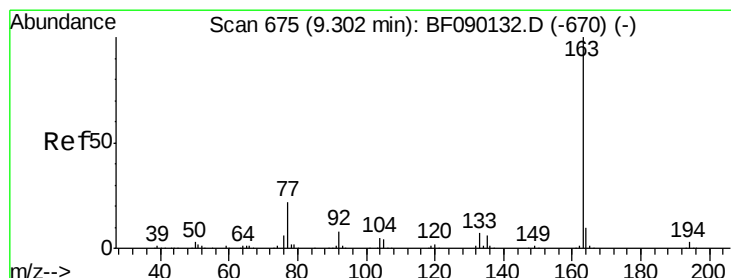
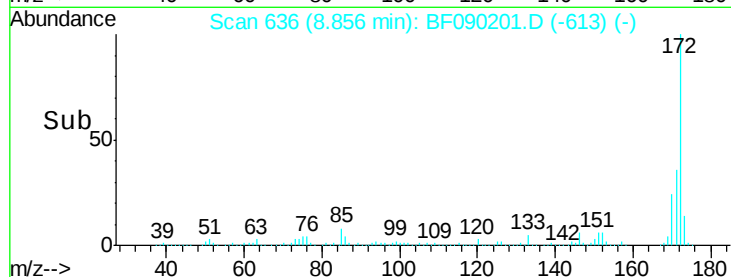
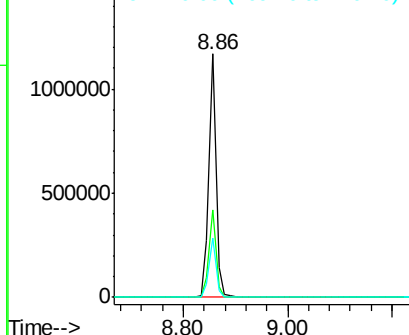
#44
 2-Fluorobiphenyl
 Concen: 79.85 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090201.D
 Acq: 23 Sep 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-04

Tot Ion:172 Resp: 1127448
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 24.3 19.8 29.8

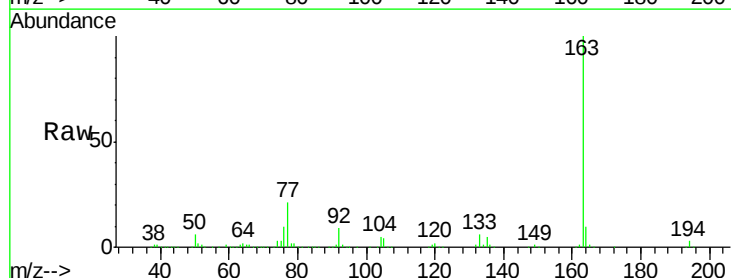


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

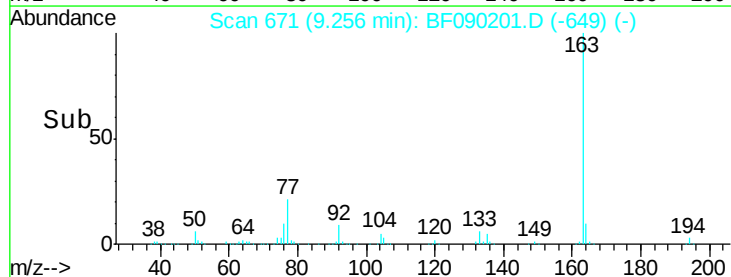
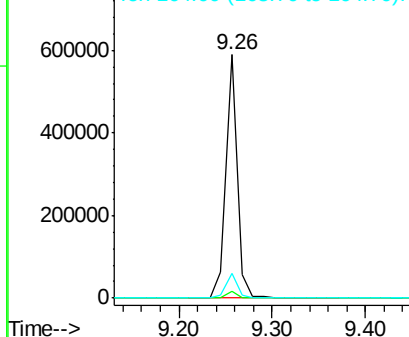


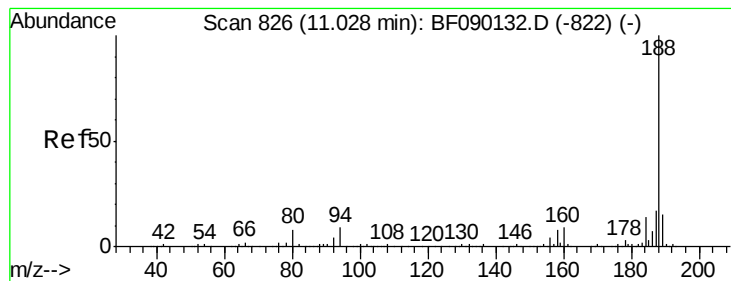
#49
 Dimethylphthalate
 Concen: 28.31 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090201.D
 Acq: 23 Sep 2016 16:53

Tgt Ion:163 Resp: 499788
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.2 8.1 12.1



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: 10.98 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-04

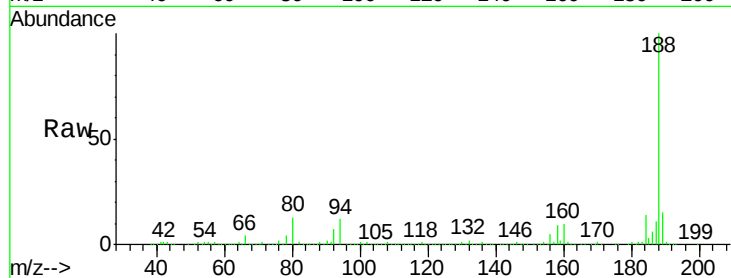
Tot Ion:188 Resp: 397233

Ion Ratio Lower Upper

188 100

94 11.9 10.5 15.7

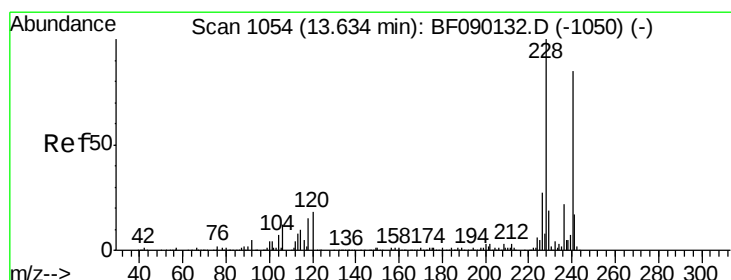
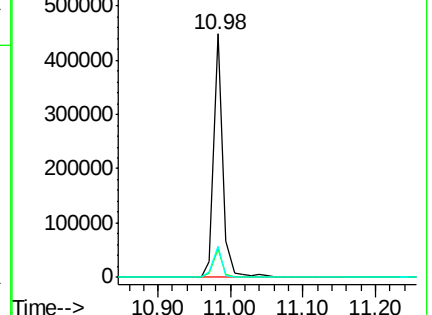
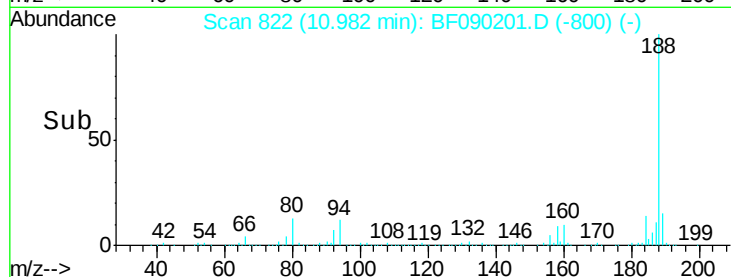
80 12.9 11.2 16.8



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: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

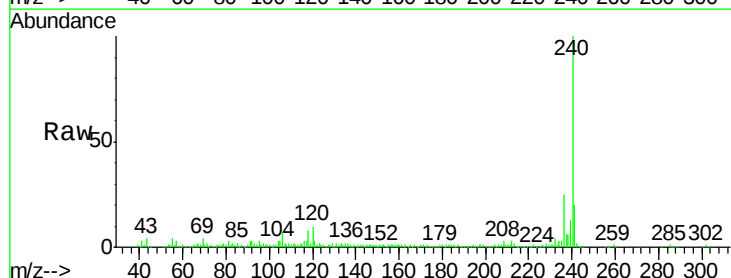
Tgt Ion:240 Resp: 261259

Ion Ratio Lower Upper

240 100

120 9.8 10.6 16.0#

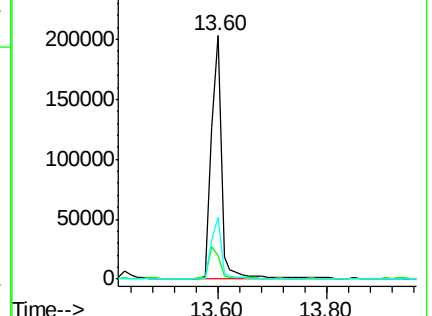
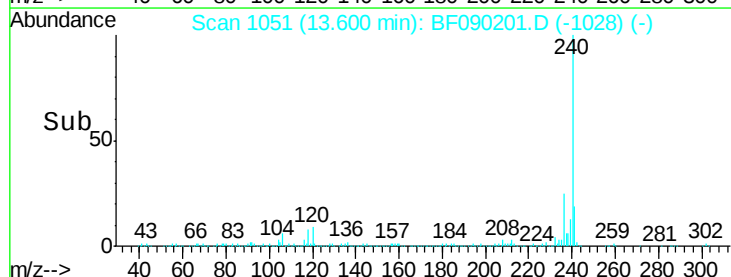
236 25.4 21.6 32.4

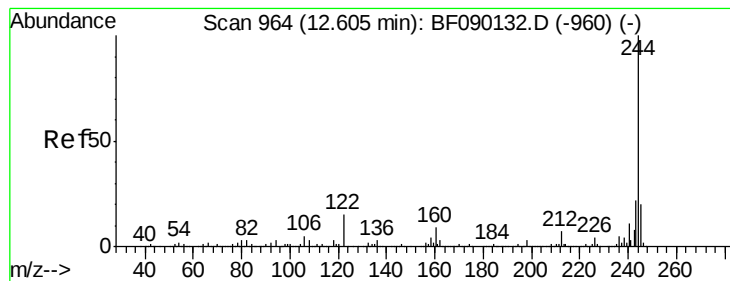


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.10 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.03 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

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TS-WSG-16121-04

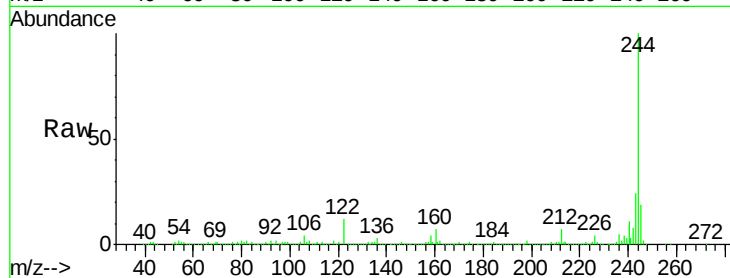
Tot Ion:244 Resp: 803727

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

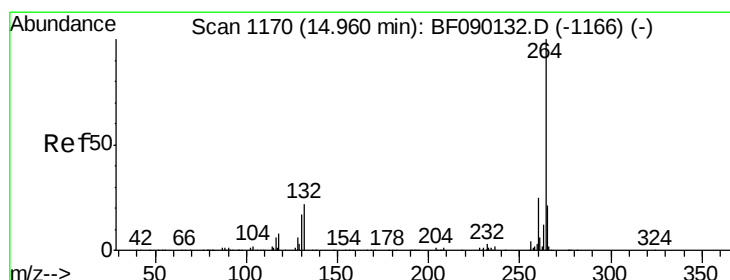
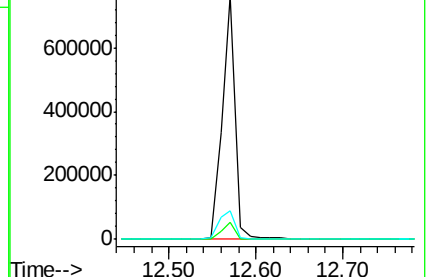
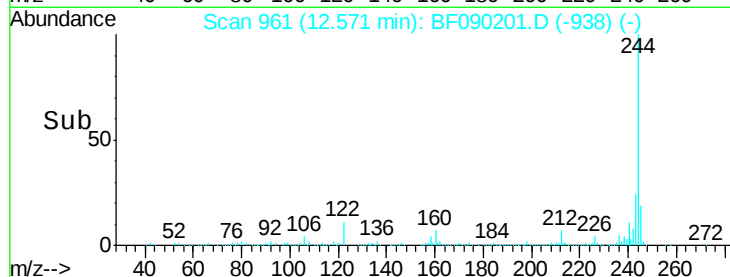
122 11.7 9.4 14.0



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: 14.91 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

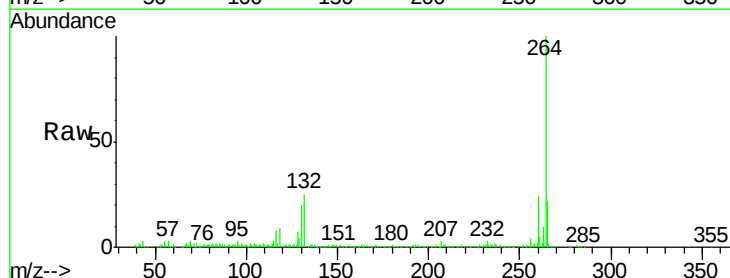
Tgt Ion:264 Resp: 247411

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.1 17.0 25.4



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

