

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 :

Quant Time: Sep 23 18:42:48 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

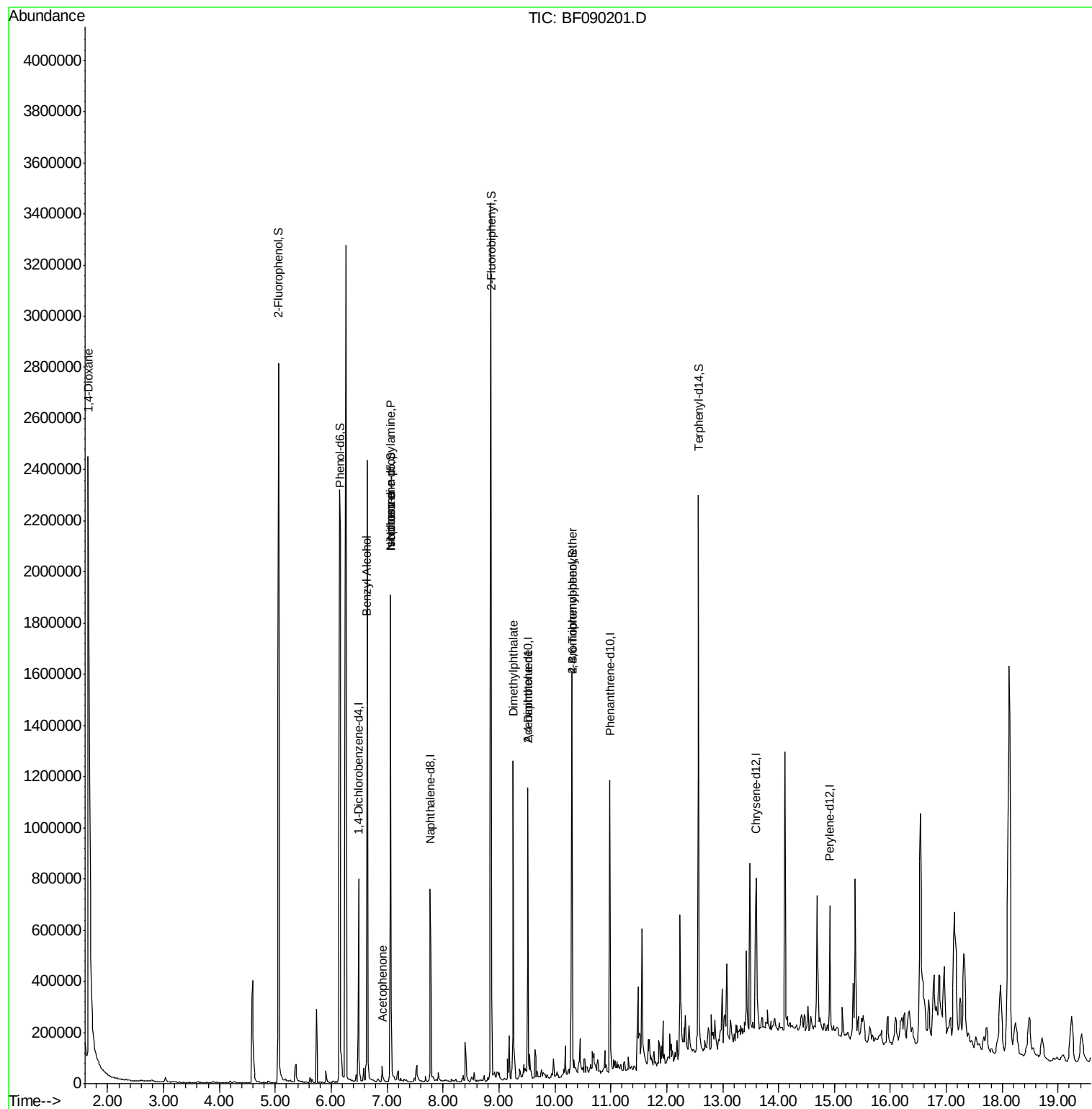
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	137078	20.00	ng	-0.03
21) Naphthalene-d8	7.77	136	491020	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	277199	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	397233	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	261259	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						
2) 1,4-Dioxane	1.66	88	151920	33.30	ng	# 26
15) Benzyl Alcohol	6.64	79	16841	2.72	ng	# 49
19) n-Nitroso-di-n-propylamine	7.06	70	101227	16.59	ng	# 79
22) Acetophenone	6.91	105	29501	2.49	ng	# 97
25) Isophorone	7.06	82	783798	44.29	ng	# 66
49) Dimethylphthalate	9.26	163	499788	28.31	ng	# 99
56) 2,4-Dinitrotoluene	9.52	165	36330	7.81	ng	# 15
66) 4-Bromophenyl-phenylether	10.31	248	18533	4.74	ng	# 1

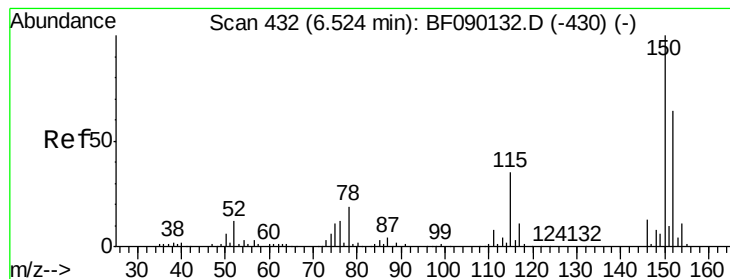
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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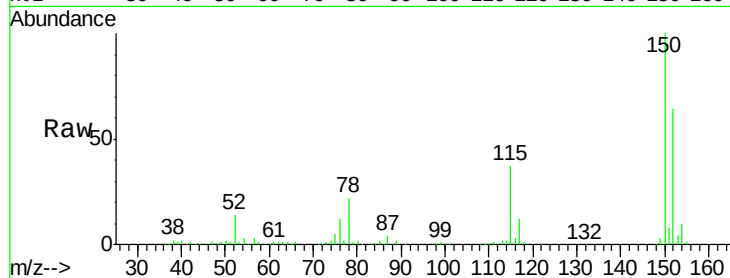


#1

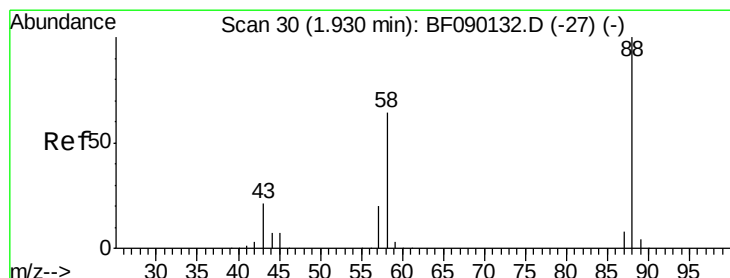
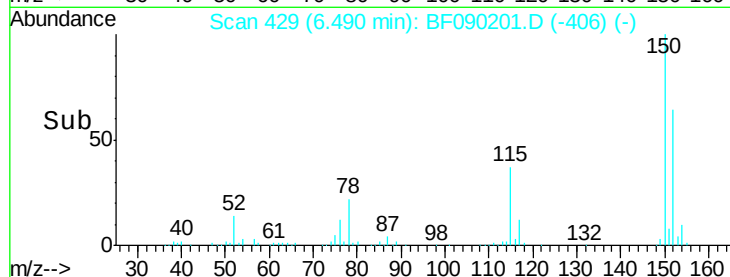
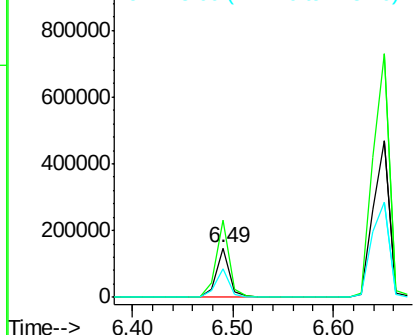
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

Instrument :
BNA_F
ClientSampled :

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



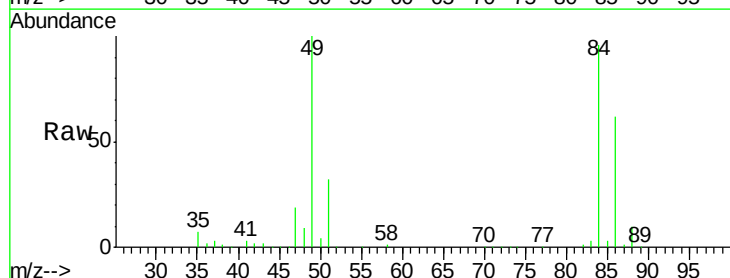
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



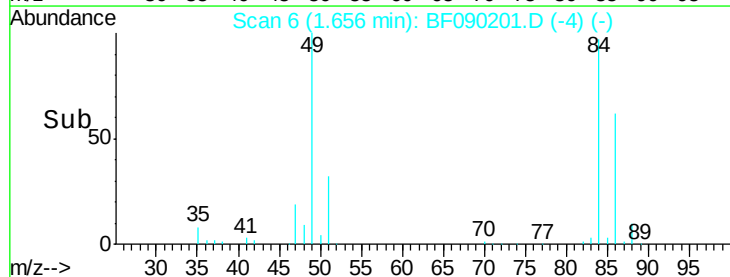
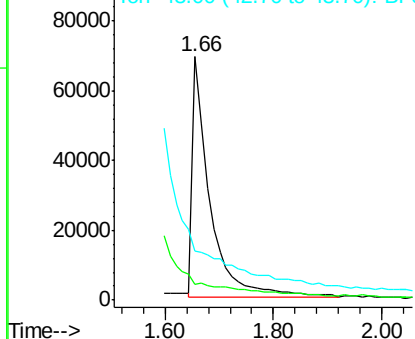
#2

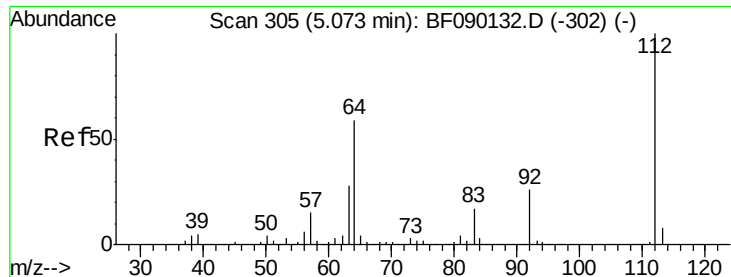
1,4-Dioxane
Concen: 33.30 ng
RT: 1.66 min Scan# 6
Delta R.T. -0.27 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

Tgt Ion: 88 Resp: 151920
Ion Ratio Lower Upper
88 100
58 0.0 53.4 80.0#
43 0.0 16.5 24.7#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

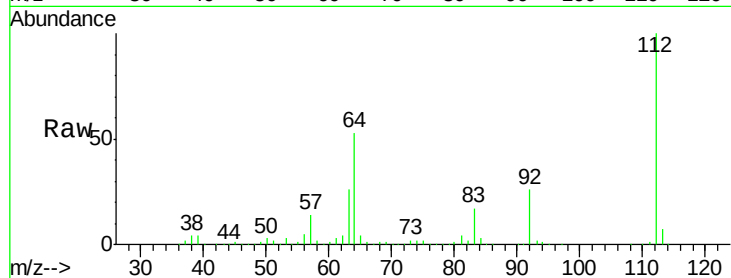
Tot Ion:112 Resp: 1119026

Ion Ratio Lower Upper

112 100

64 52.6 39.8 59.6

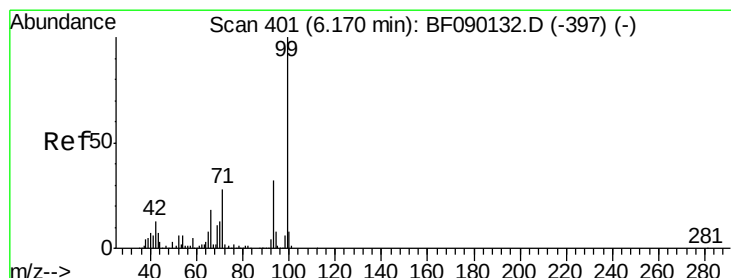
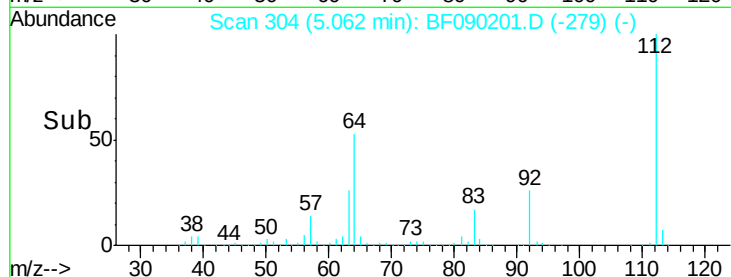
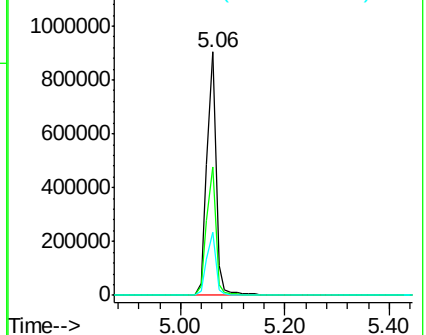
63 25.9 18.9 28.3



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

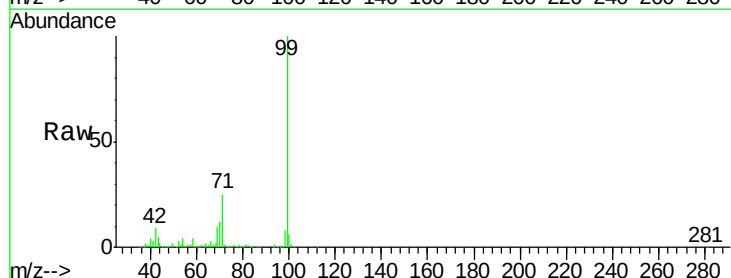
Tgt Ion: 99 Resp: 1615636

Ion Ratio Lower Upper

99 100

42 9.1 10.6 15.8#

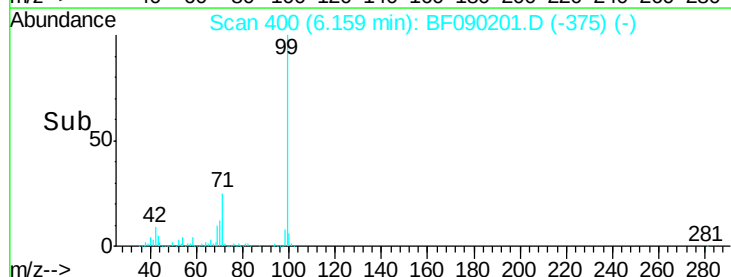
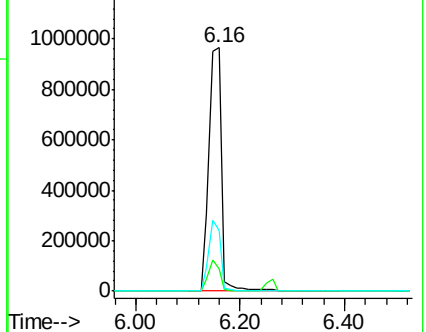
71 25.0 23.0 34.6

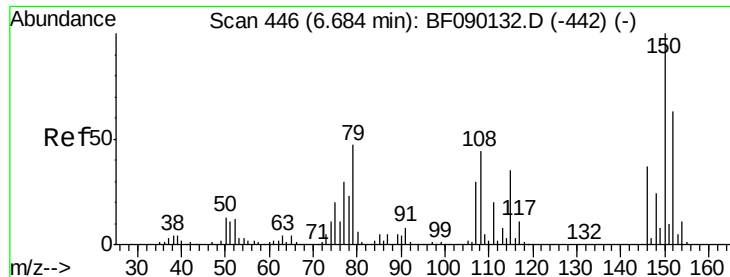


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.72 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Instrument :

BNA_F

ClientSampleId :

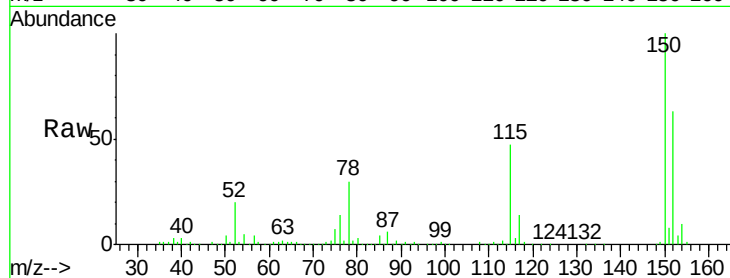
Tot Ion: 79 Resp: 16841

Ion Ratio Lower Upper

79 100

108 26.8 62.2 93.4#

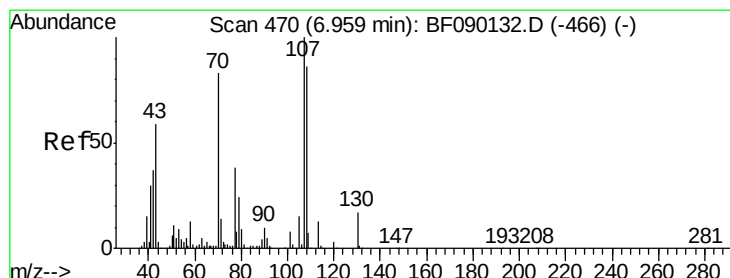
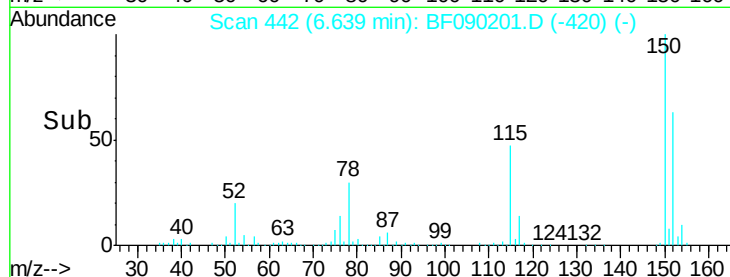
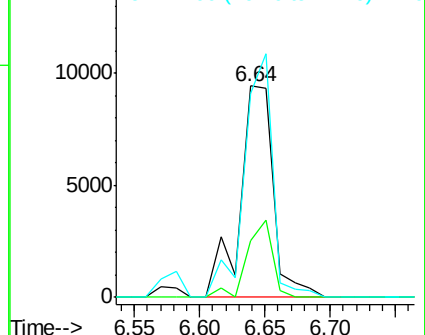
77 96.7 51.4 77.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.59 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

Tgt Ion: 70 Resp: 101227

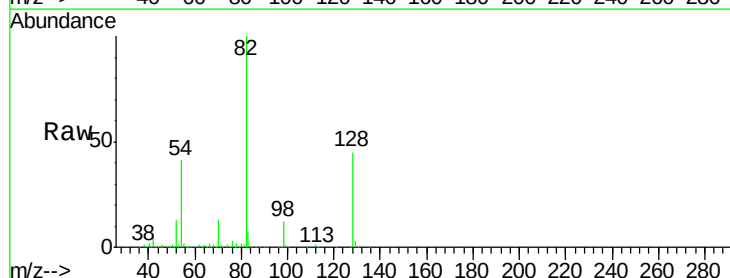
Ion Ratio Lower Upper

70 100

42 36.9 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

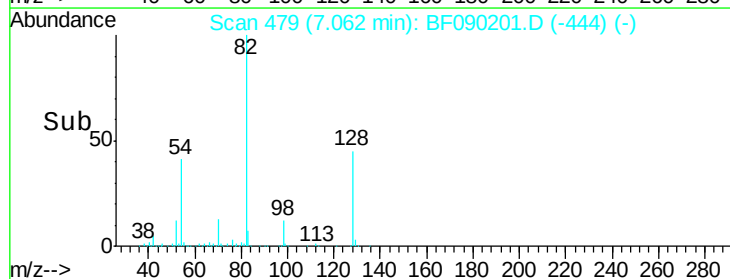
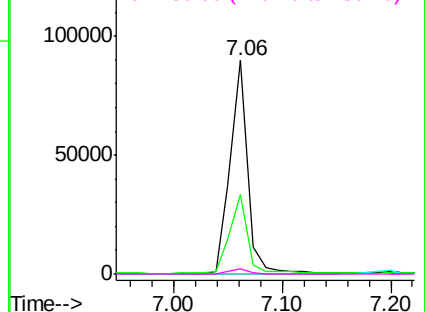


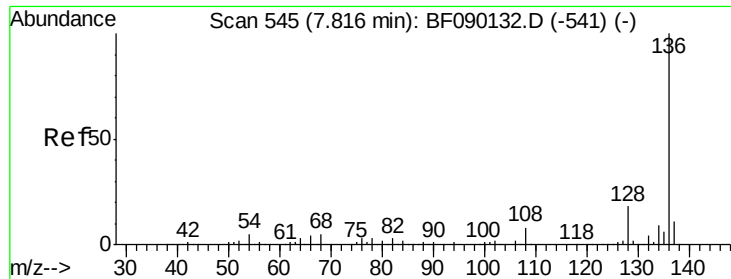
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

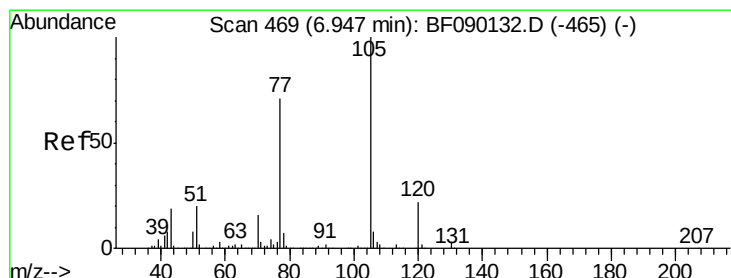
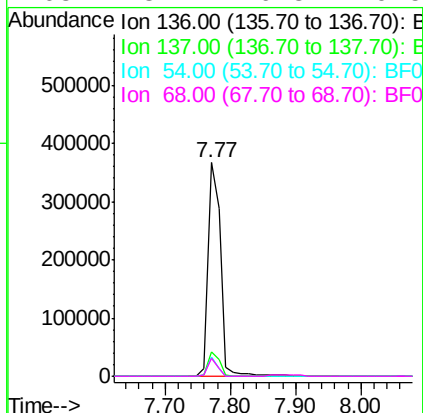
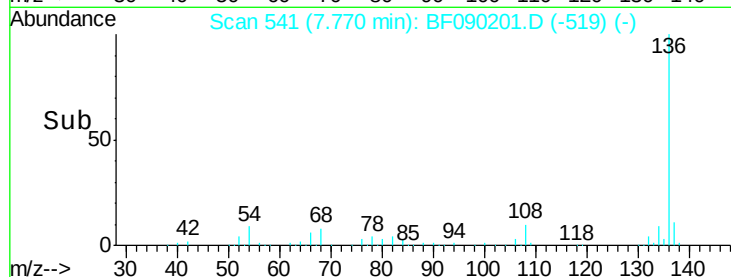
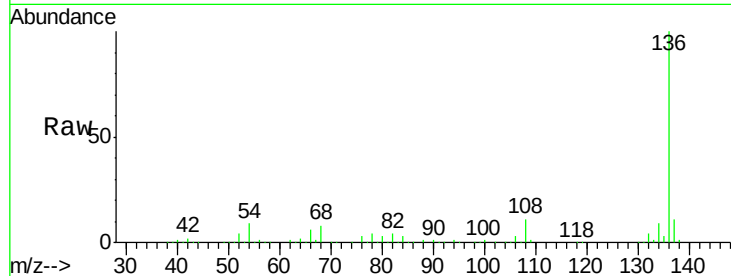




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

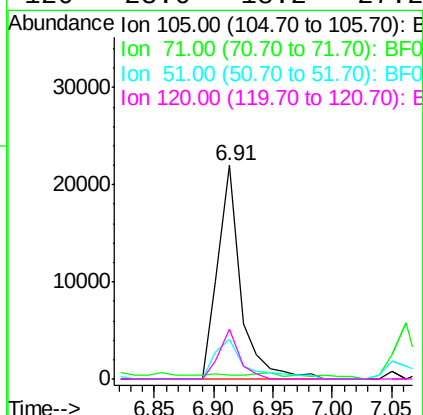
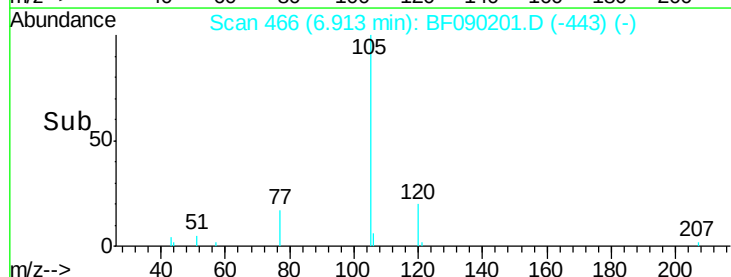
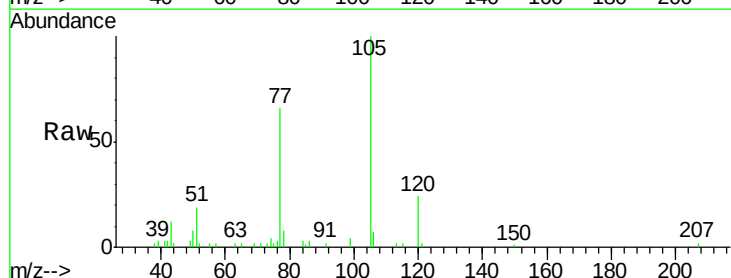
Instrument :
BNA_F
ClientSampled :

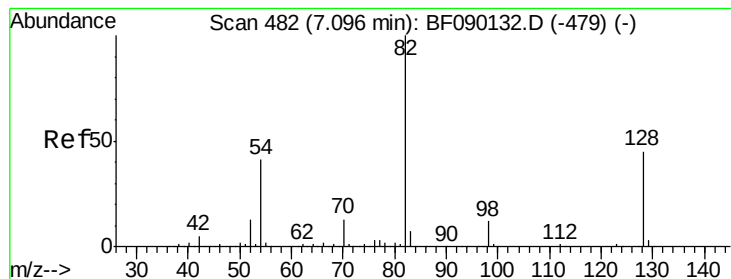
Tot Ion:136	Resp:	491020
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	8.9	6.4 9.6
68	8.4	6.3 9.5



#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

Tgt 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





#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

Instrument :

BNA_F

ClientSampled :

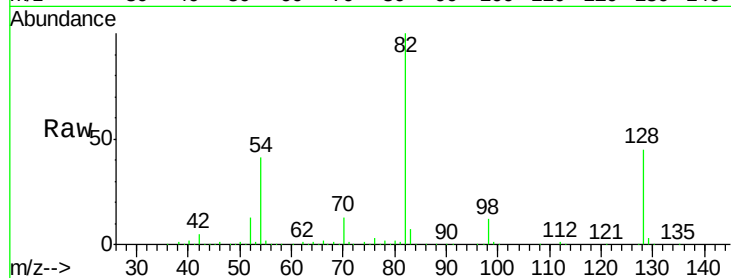
Tot Ion: 82 Resp: 810840

Ion Ratio Lower Upper

82 100

128 44.7 37.5 56.3

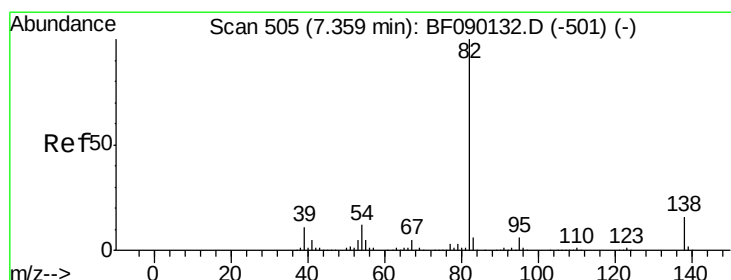
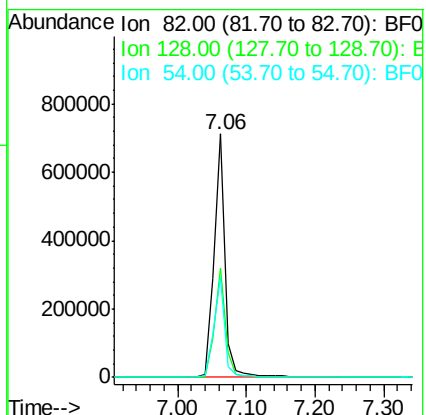
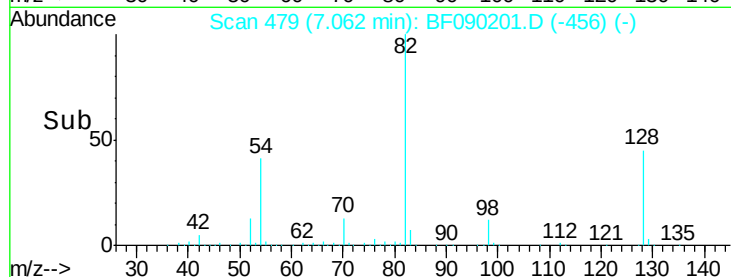
54 41.4 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 44.29 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.30 min

Lab File: BF090201.D

Acq: 23 Sep 2016 16:53

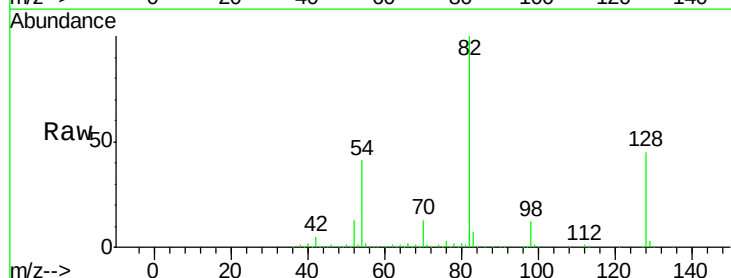
Tgt Ion: 82 Resp: 783798

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

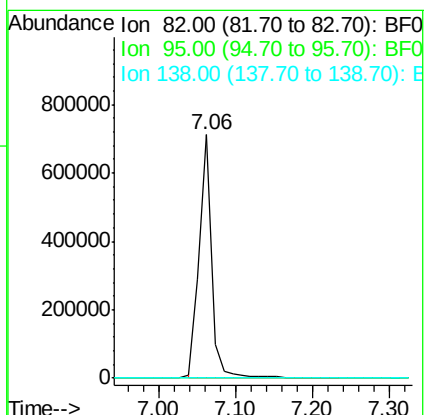
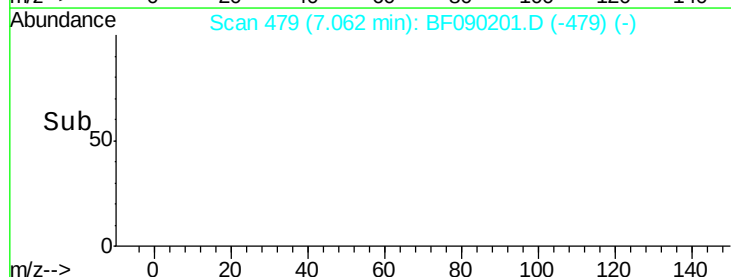
138 0.0 13.5 20.3#

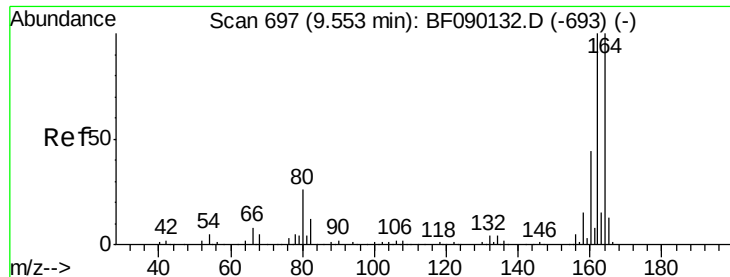


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): 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 :

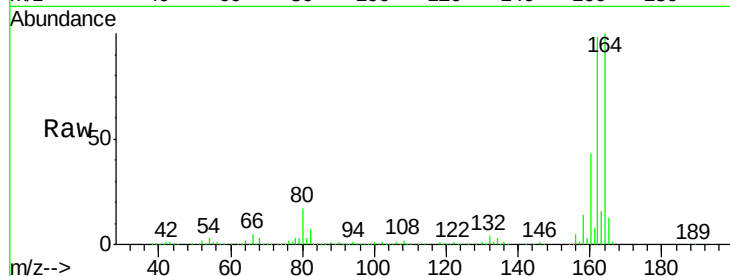
Tot Ion:164 Resp: 277199

Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.2

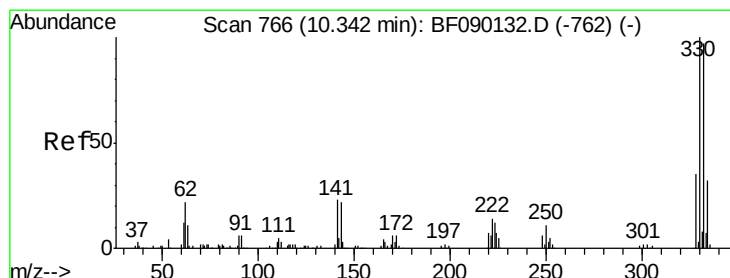
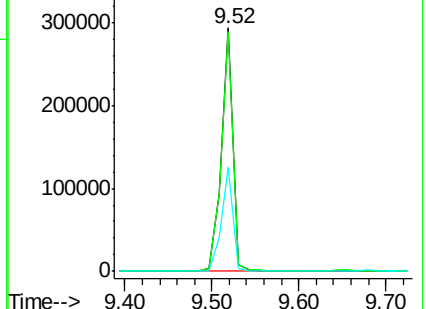
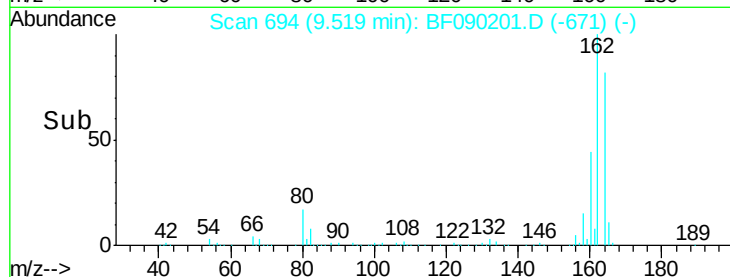
160 42.9 36.6 54.8



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

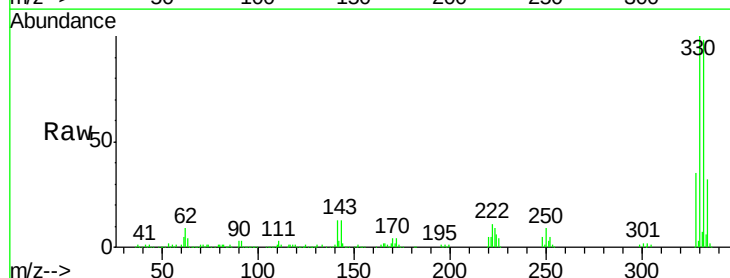
Tgt Ion:330 Resp: 339808

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

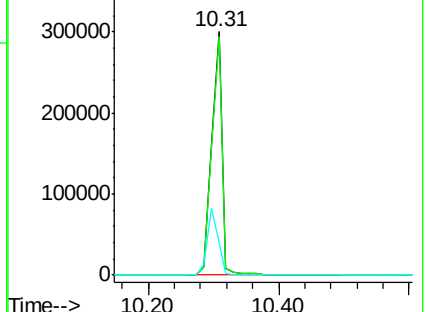
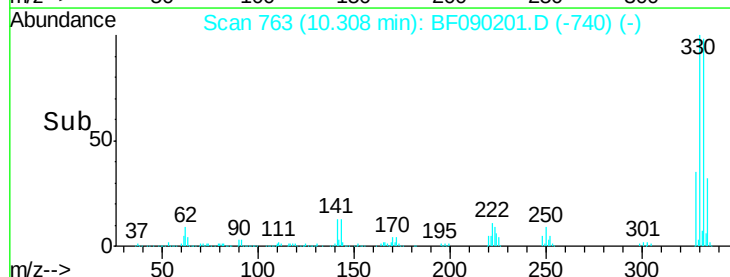
141 28.7 23.9 35.9

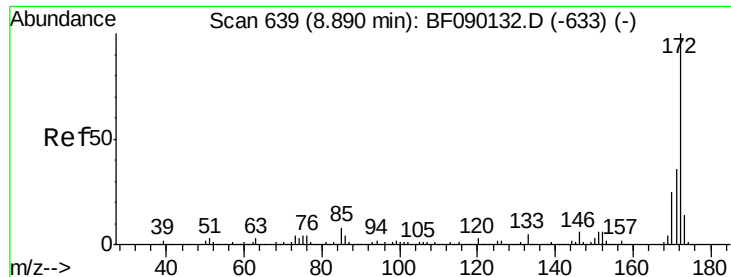


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

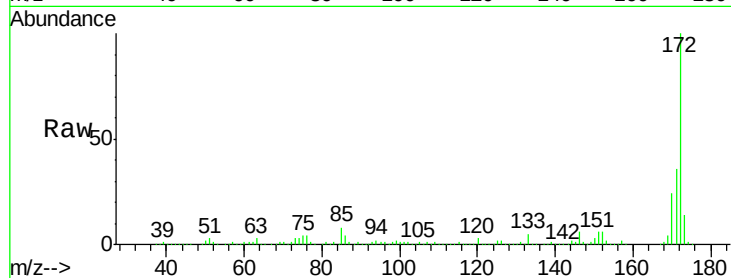




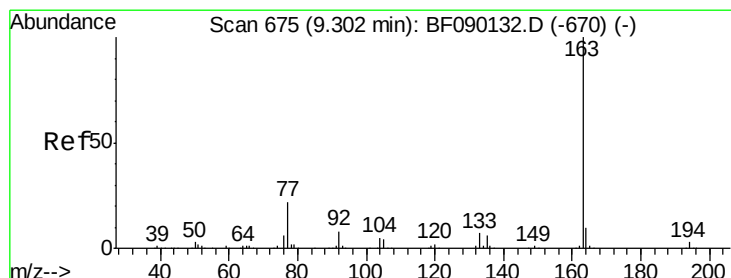
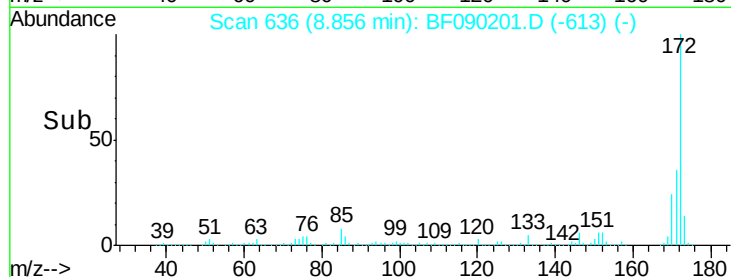
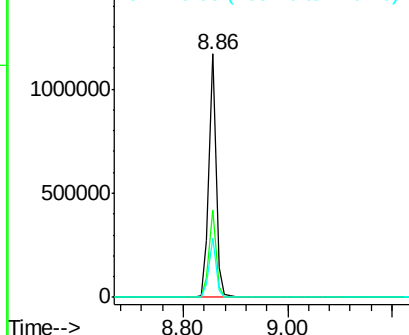
#44
2-Fluorobiphenyl
Concen: 79.85 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

Instrument :
BNA_F
ClientSampleId :

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

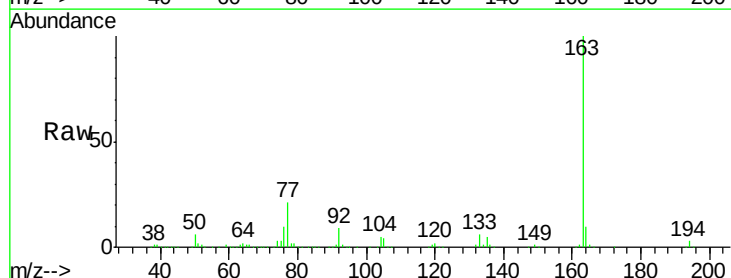


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

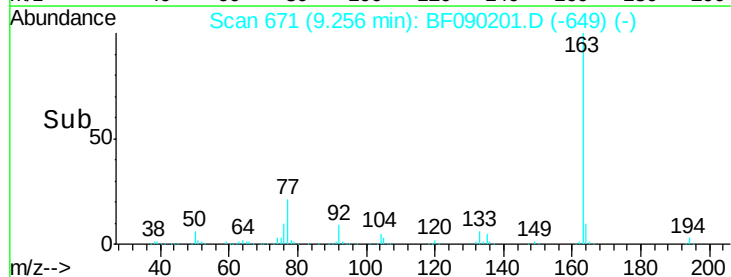
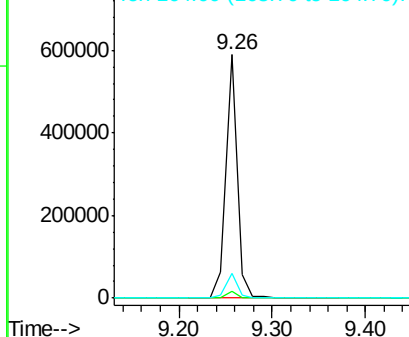


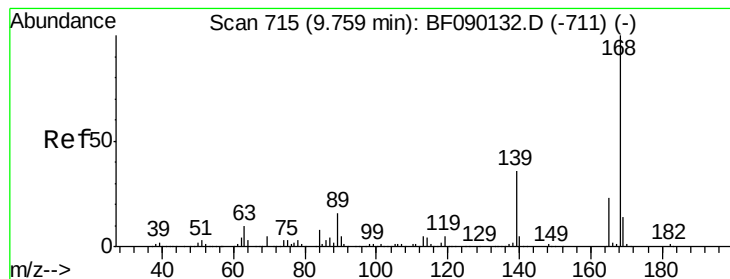
#49
Dimethylphthalate
Concen: 28.31 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

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

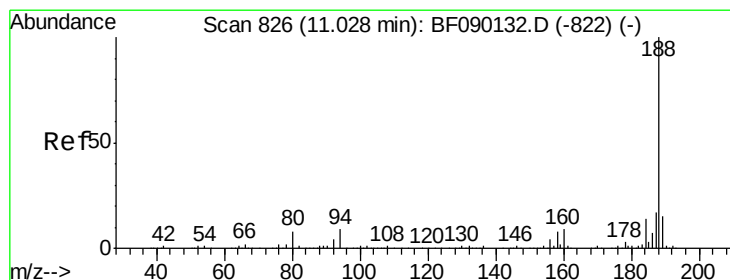
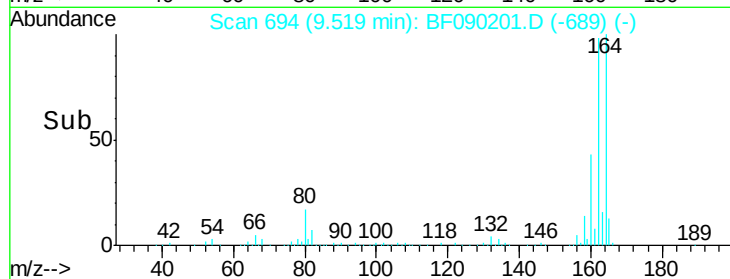
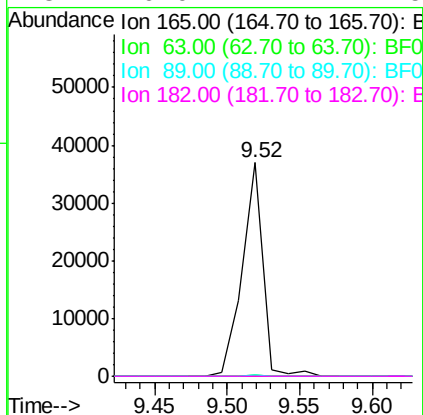
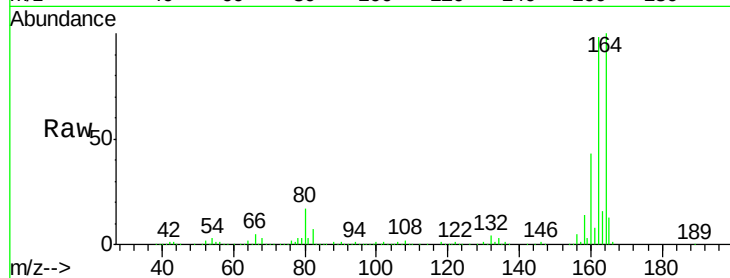




#56
 2,4-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.24 min
 Lab File: BF090201.D
 Acq: 23 Sep 2016 16:53

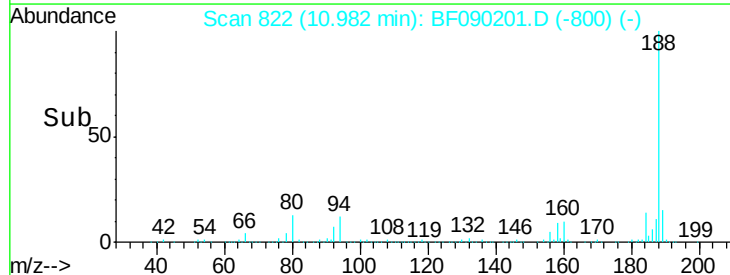
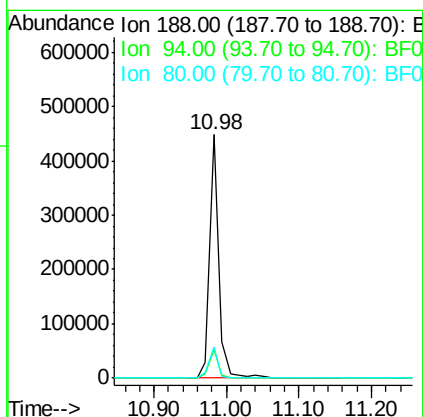
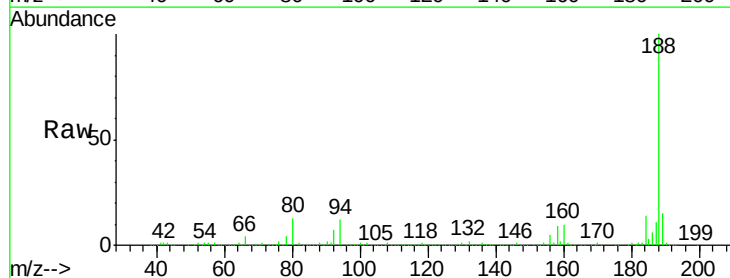
Instrument :
 BNA_F
 ClientSampleId :

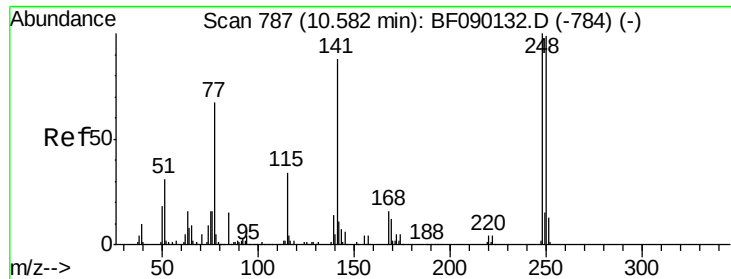
Tot Ion:165 Resp: 36330
 Ion Ratio Lower Upper
 165 100
 63 0.8 44.4 66.6#
 89 0.9 70.1 105.1#
 182 0.0 1.7 2.5#



#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

Tgt Ion:188 Resp: 397233
 Ion Ratio Lower Upper
 188 100
 94 11.9 10.5 15.7
 80 12.9 11.2 16.8

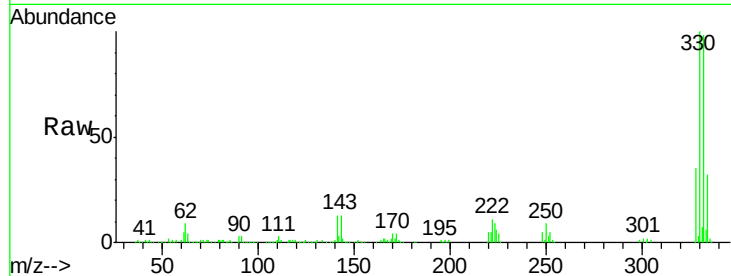




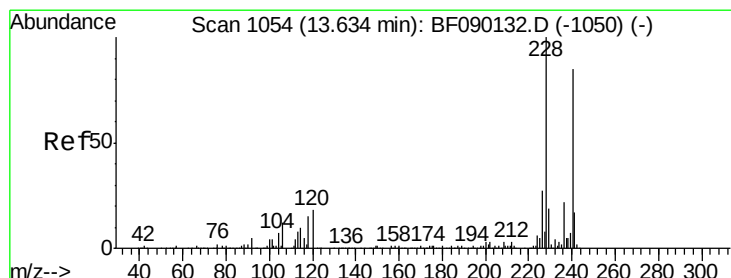
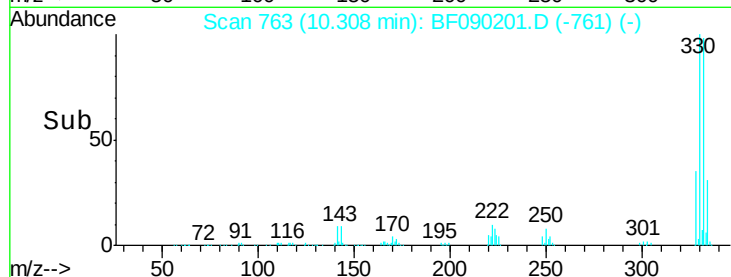
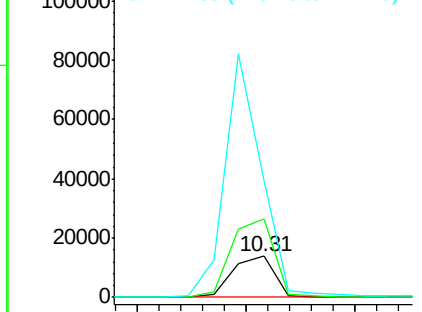
#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.27 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18533
Ion Ratio Lower Upper
248 100
250 190.0 79.4 119.2#
141 283.9 49.3 73.9#

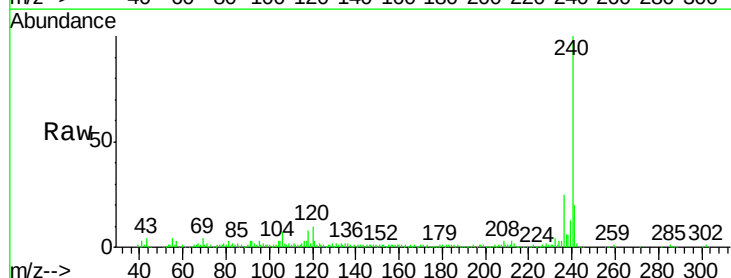


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

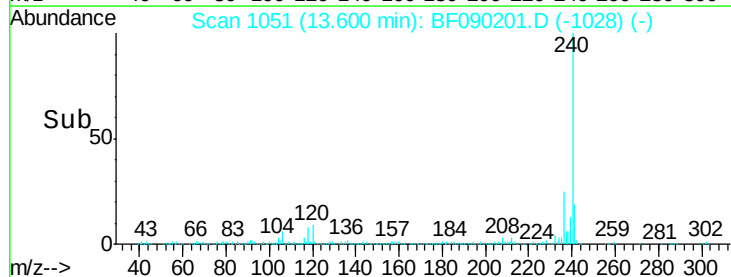
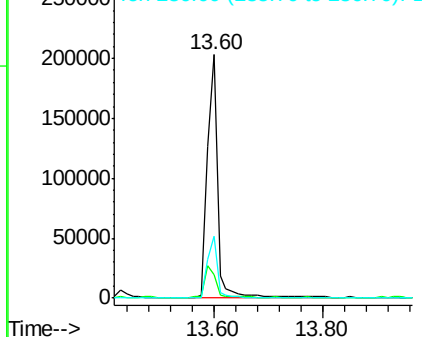


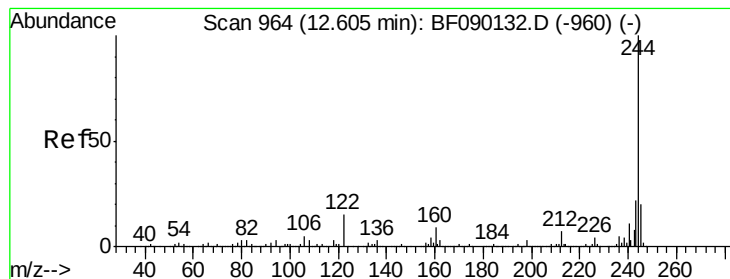
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BF090201.D
Acq: 23 Sep 2016 16:53

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 :

BNA_F

ClientSampled :

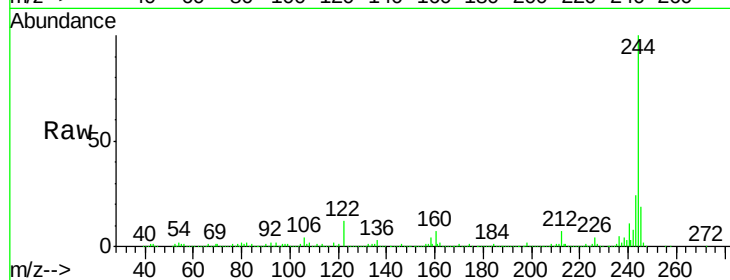
Tot Ion:244 Resp: 803727

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

1000000

800000

600000

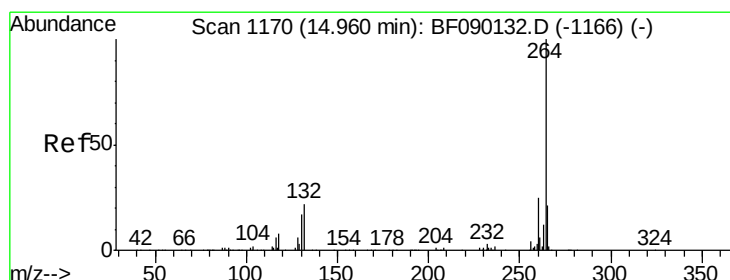
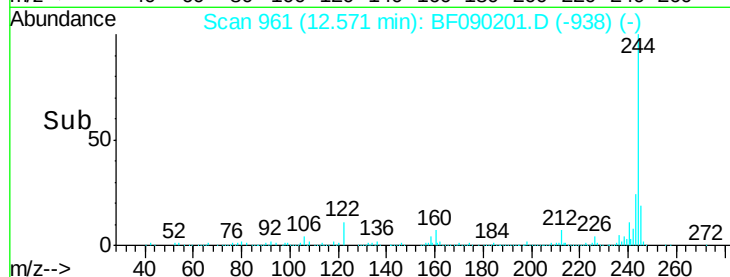
400000

200000

0

12.50 12.60 12.70

Time-->



#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

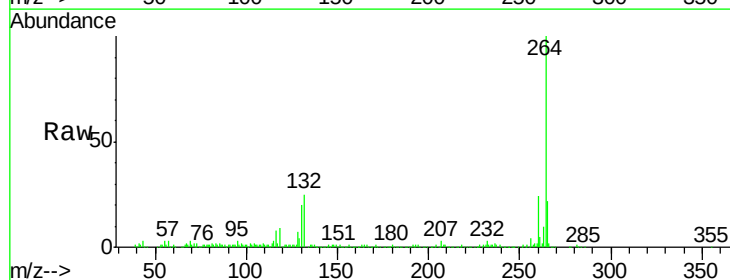
Tgt Ion:264 Resp: 247411

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

200000

150000

100000

50000

0

14.80 15.00 15.20

Time-->

