

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080770.D
 Acq On : 1 Aug 2015 9:44
 Operator : TP/UM
 Sample : G3133-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP-3

Quant Time: Aug 03 01:03:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118354	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	436094	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	190606	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	374886	20.00	ng	0.00
75) Chrysene-d12	14.00	240	228419	20.00	ng	0.00
86) Perylene-d12	15.40	264	220705	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	599806	86.94	ng	0.00
7) Phenol-d6	6.48	99	615009	65.48	ng	-0.01
23) Nitrobenzene-d5	7.41	82	833347	92.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	303502	153.45	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1336872	104.64	ng	-0.01
78) Terphenyl-d14	12.96	244	1114881	92.31	ng	0.00

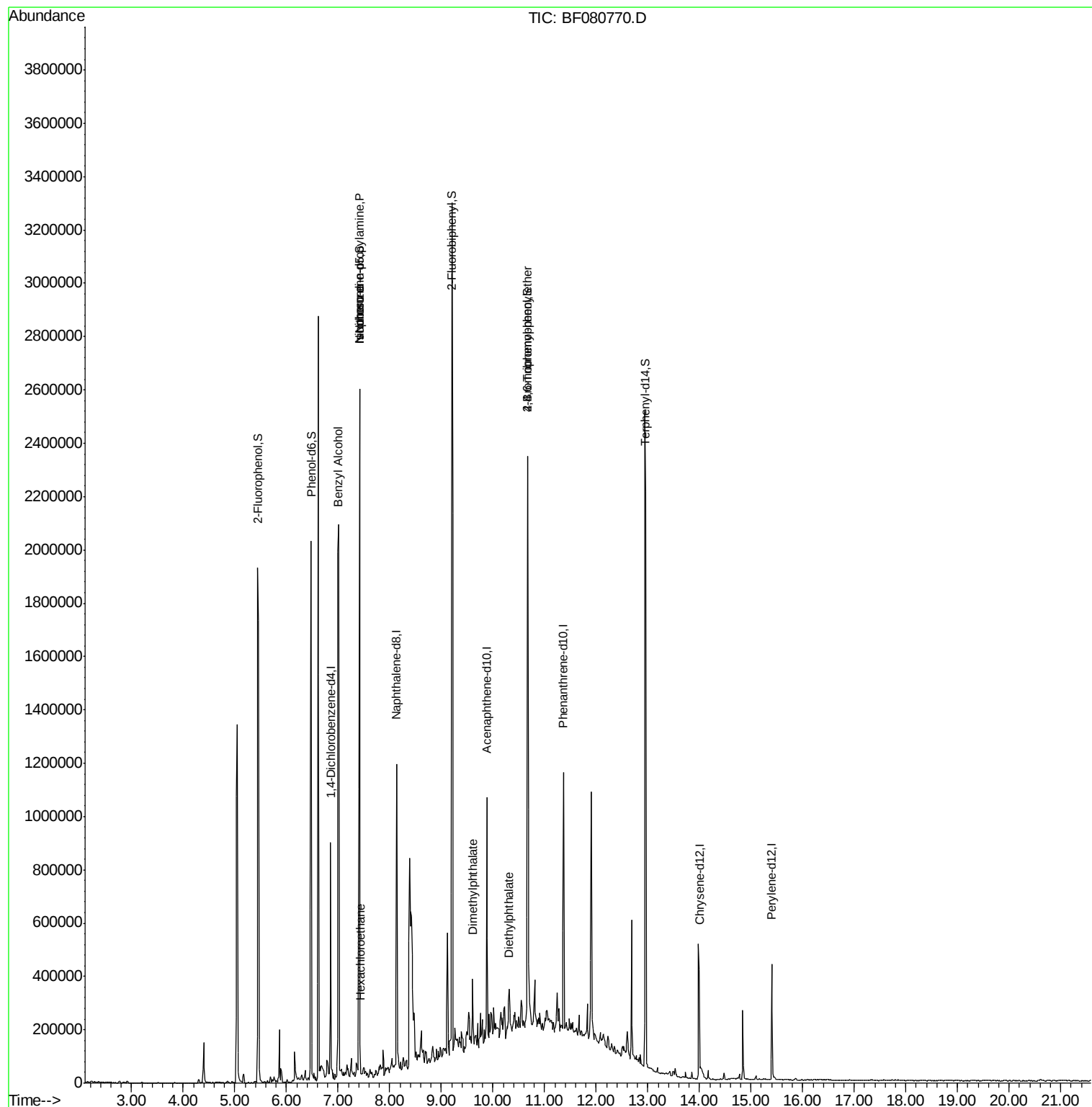
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	813	Below Cal	#	1
15) Benzyl Alcohol	7.00	79	15733	2.02	ng	51
18) Hexachloroethane	7.42	117	8991	2.74	ng	24
19) n-Nitroso-di-n-propylamine	7.41	70	120612	19.07	ng	75
25) Isophorone	7.41	82	812434	50.73	ng	71
49) Dimethylphthalate	9.61	163	108886	8.11	ng	99
59) Diethylphthalate	10.30	149	28479	2.20	ng	96
60) 4-Chlorophenyl-phenylether	10.41	204	1138	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.67	248	20101	5.19	ng	1

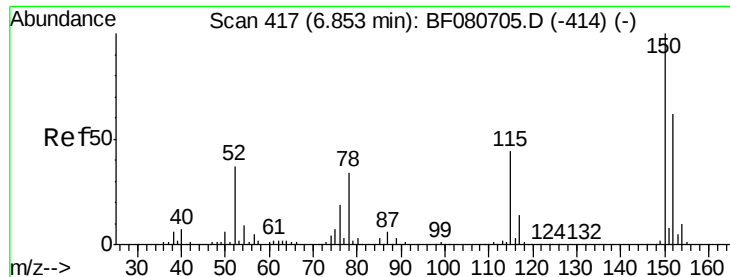
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

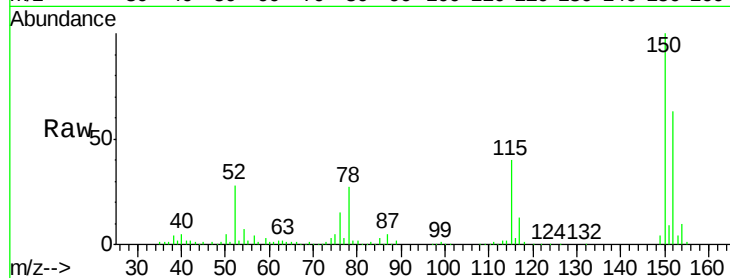
Tgt Ion:152 Resp: 118354

Ion Ratio Lower Upper

152 100

150 159.2 129.6 194.4

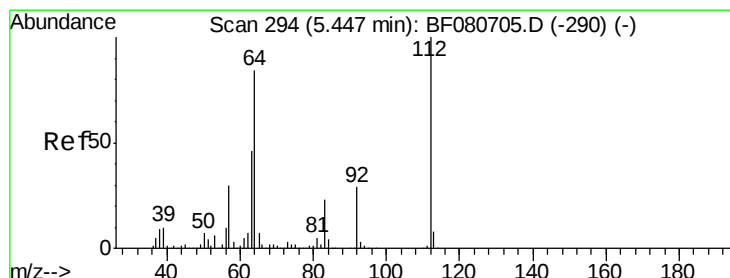
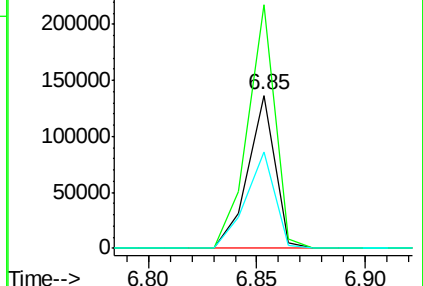
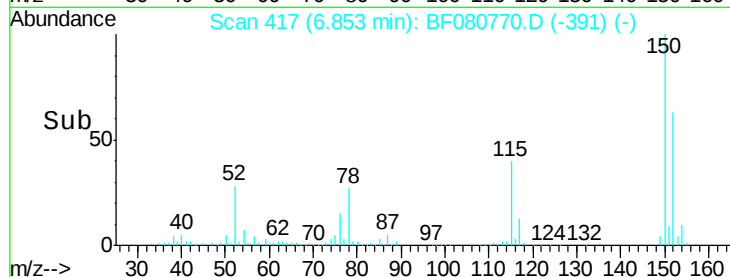
115 63.1 56.6 85.0



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: 86.94 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

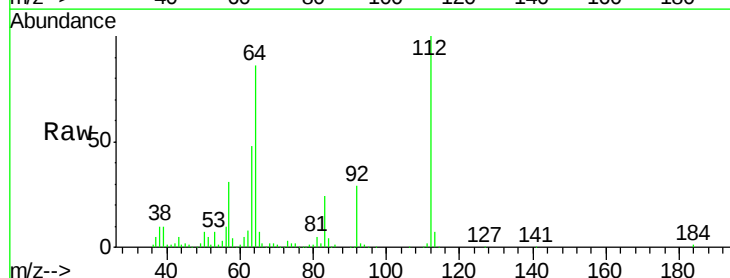
Tgt Ion:112 Resp: 599806

Ion Ratio Lower Upper

112 100

64 85.5 66.8 100.2

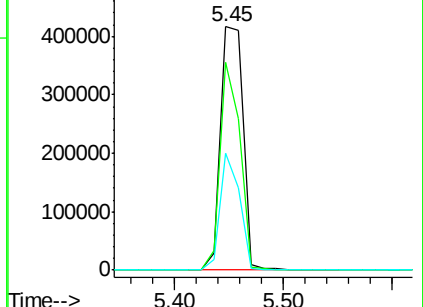
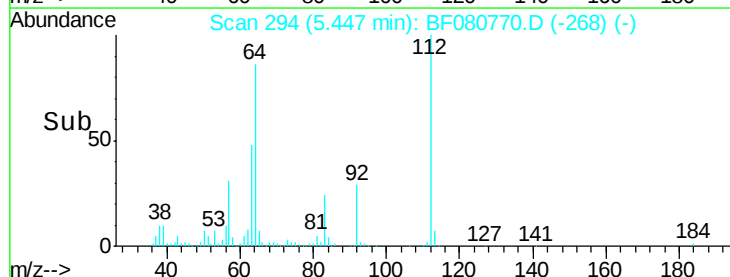
63 47.8 36.7 55.1

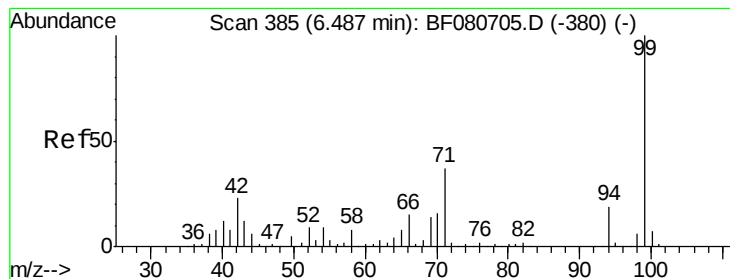


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 65.48 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

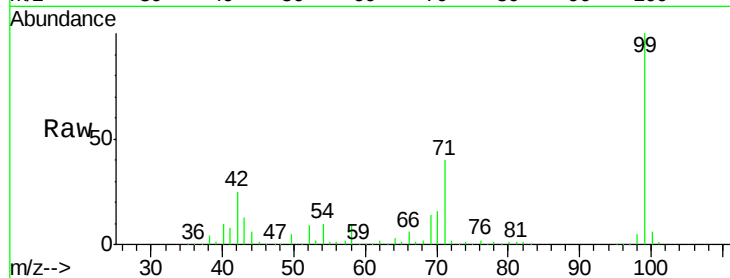
Tgt Ion: 99 Resp: 615009

Ion Ratio Lower Upper

99 100

42 25.3 18.2 27.2

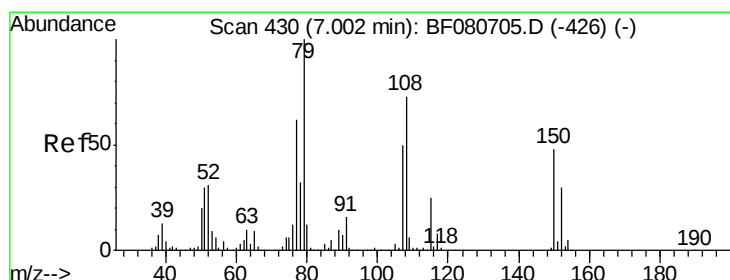
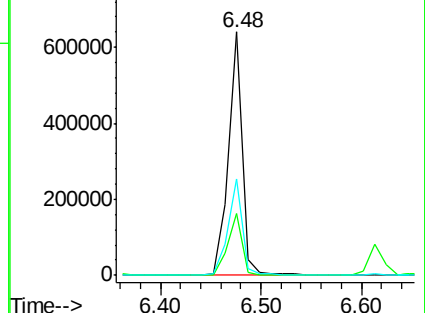
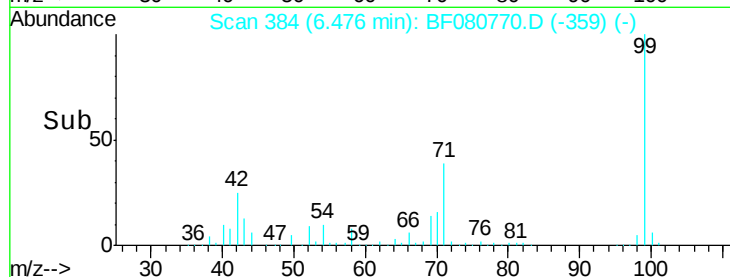
71 39.5 29.5 44.3



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: 2.02 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

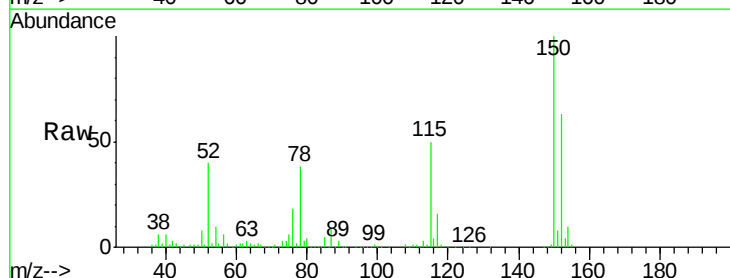
Tgt Ion: 79 Resp: 15733

Ion Ratio Lower Upper

79 100

108 20.4 58.7 88.1#

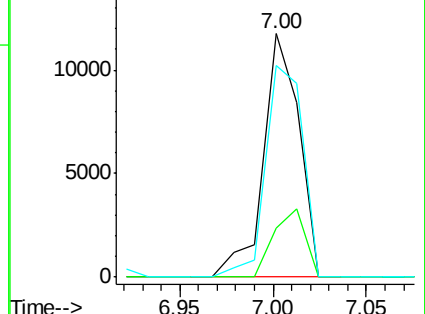
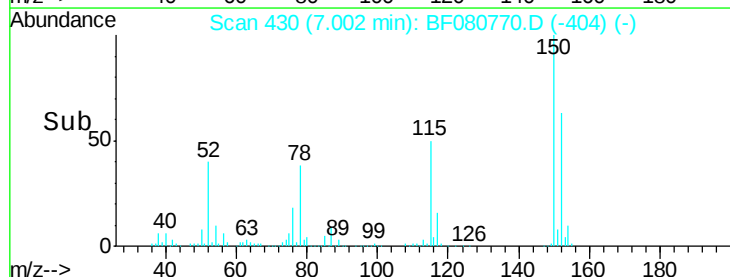
77 87.0 49.8 74.8#

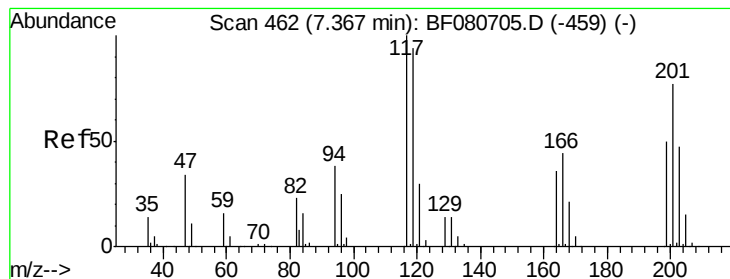


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 2.74 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.06 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

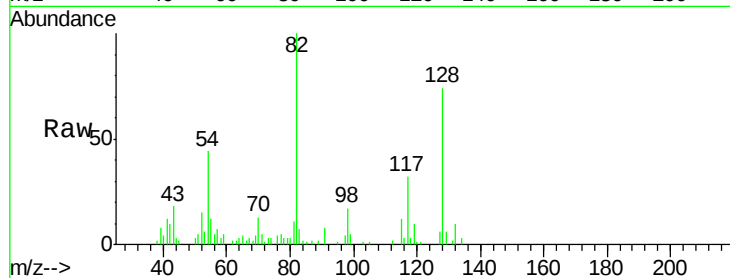
Tgt Ion: 117 Resp: 8991

Ion Ratio Lower Upper

117 100

119 31.5 74.9 112.3#

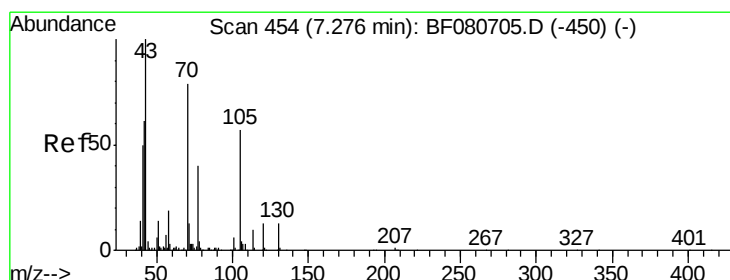
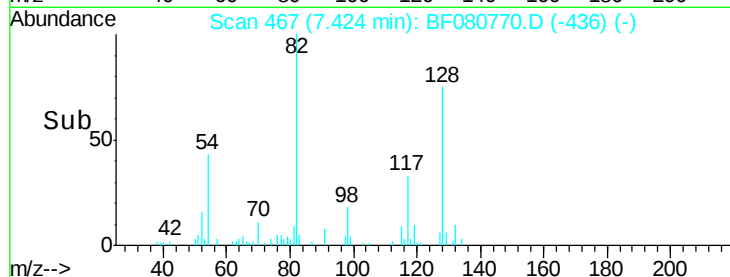
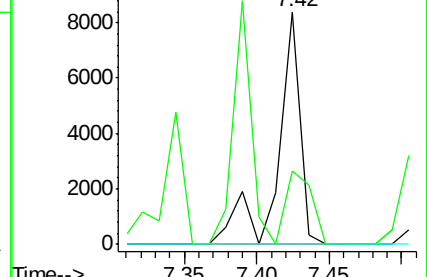
201 0.0 61.5 92.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.07 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Tgt Ion: 70 Resp: 120612

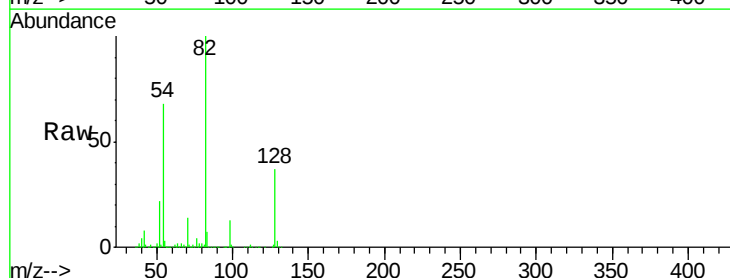
Ion Ratio Lower Upper

70 100

42 56.5 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

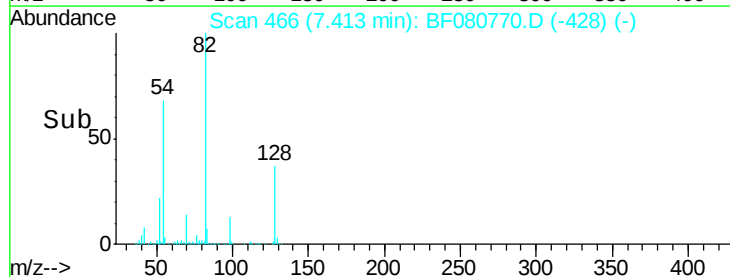
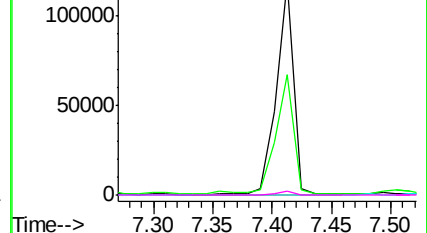


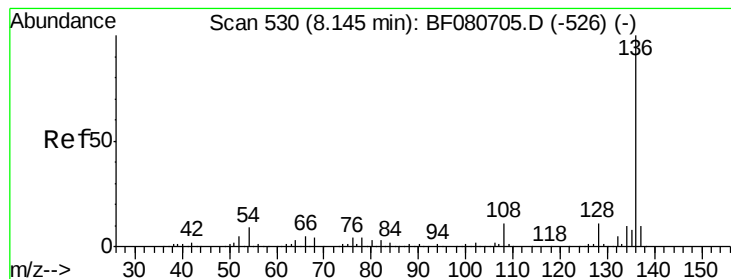
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

Tgt Ion: 136 Resp: 436094

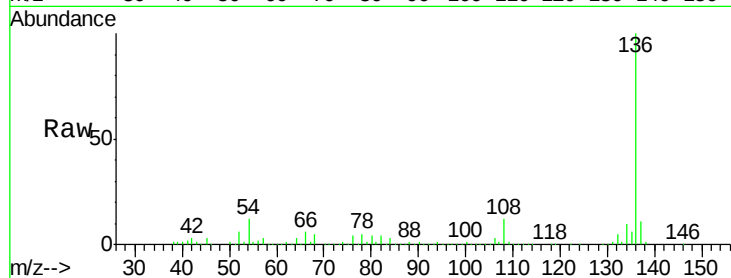
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.1 6.9 10.3#

68 5.4 3.5 5.3#

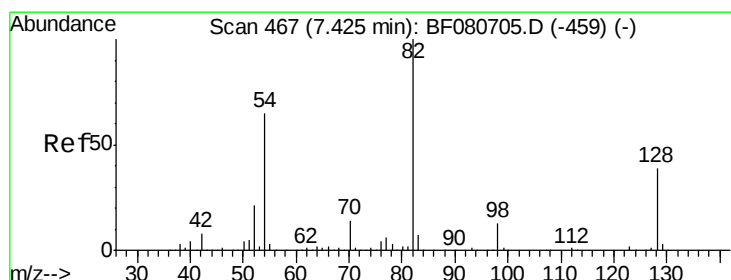
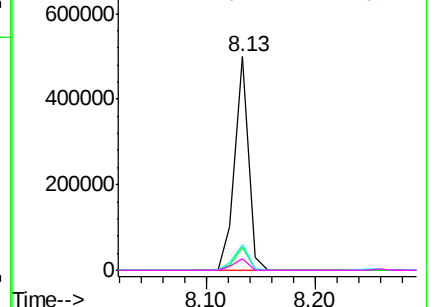
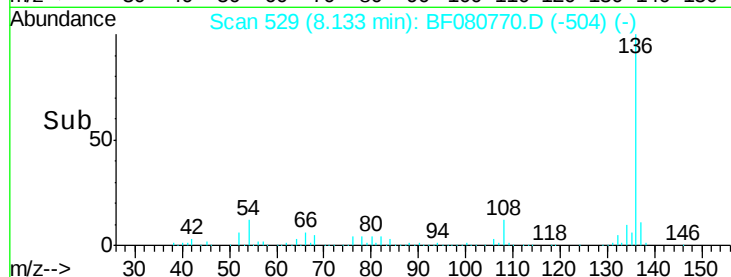


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.54 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

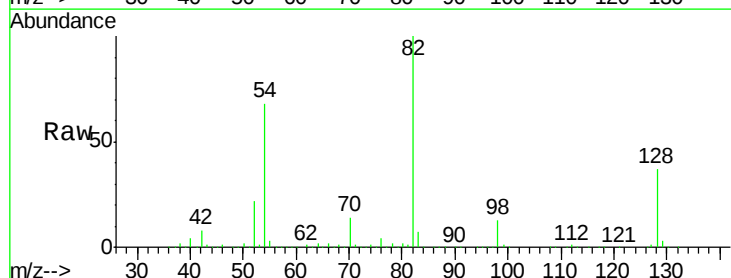
Tgt Ion: 82 Resp: 833347

Ion Ratio Lower Upper

82 100

128 36.7 31.5 47.3

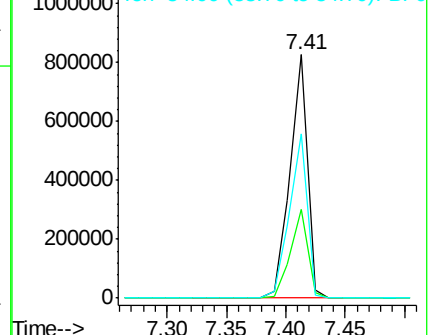
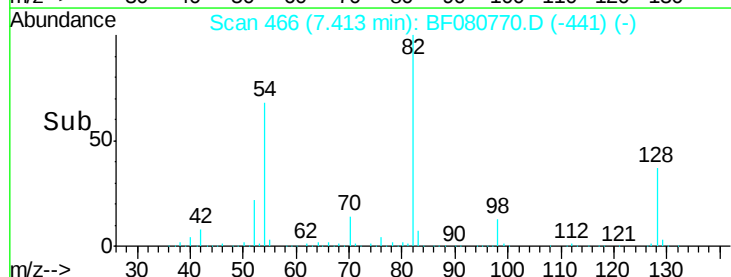
54 67.6 51.8 77.8

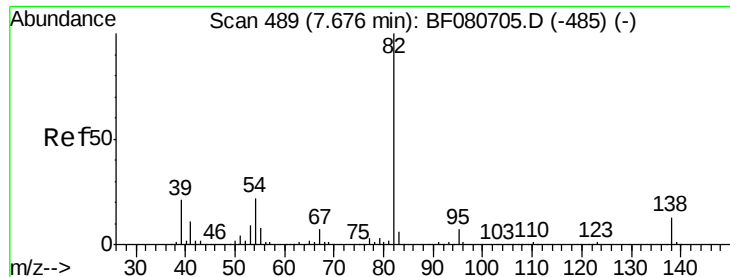


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.73 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

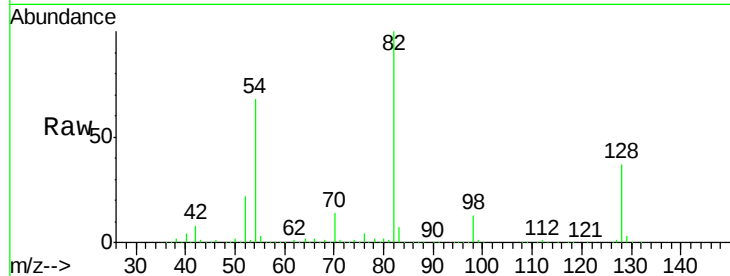
Tgt Ion: 82 Resp: 812434

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

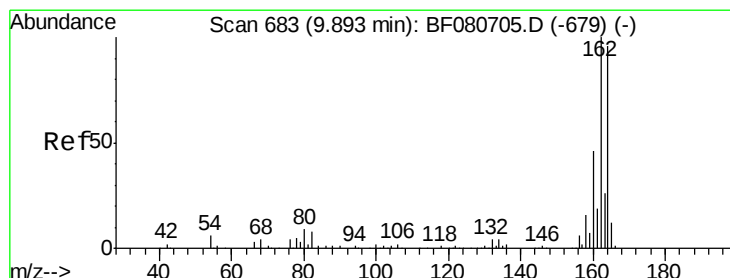
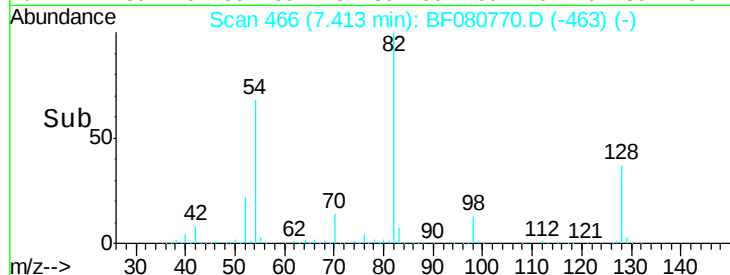
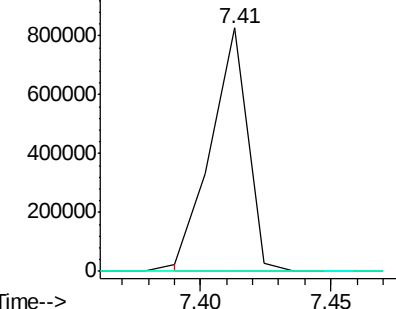
138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

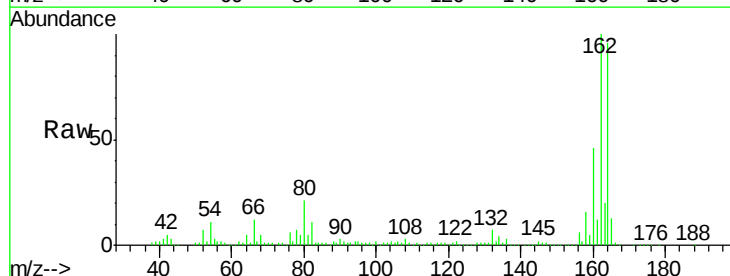
Tgt Ion: 164 Resp: 190606

Ion Ratio Lower Upper

164 100

162 104.7 83.4 125.0

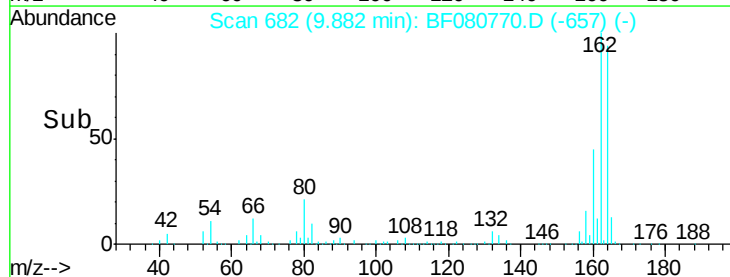
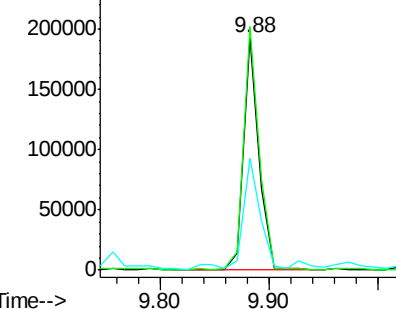
160 48.3 38.0 57.0

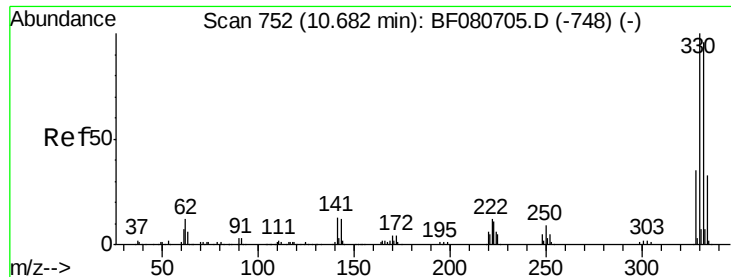


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

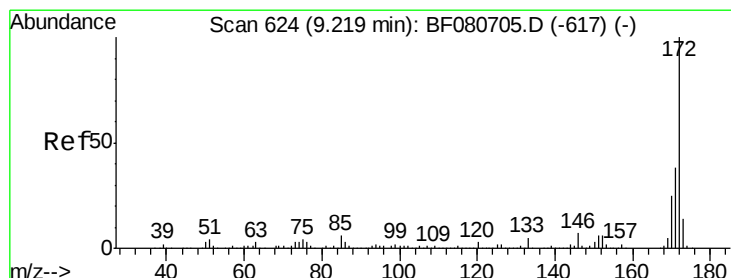
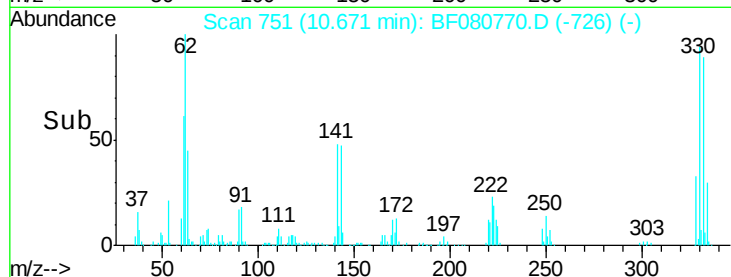
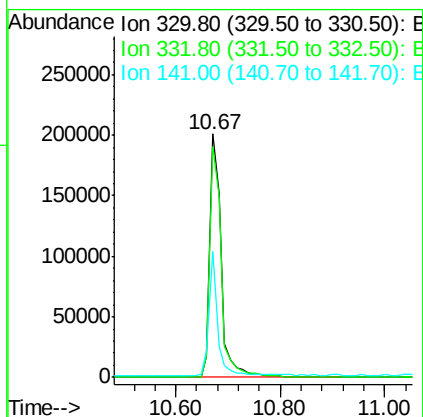
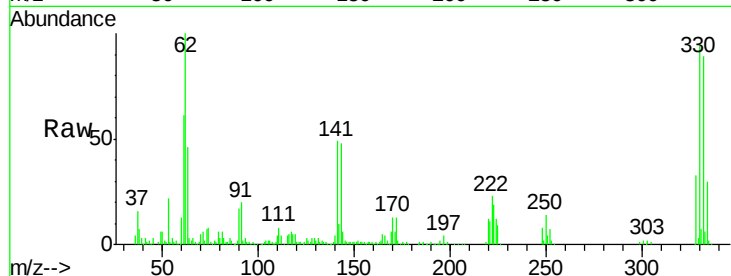




#41
 2,4,6-Tribromophenol
 Concen: 153.45 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080770.D
 Acq: 1 Aug 2015 9:44

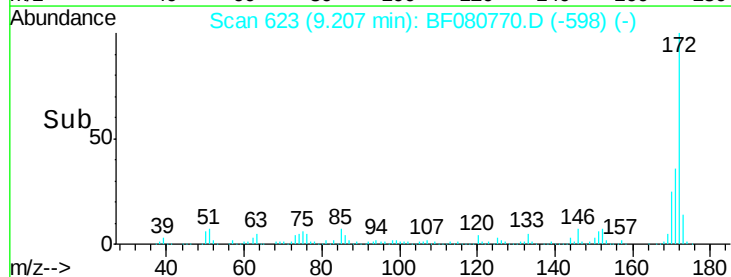
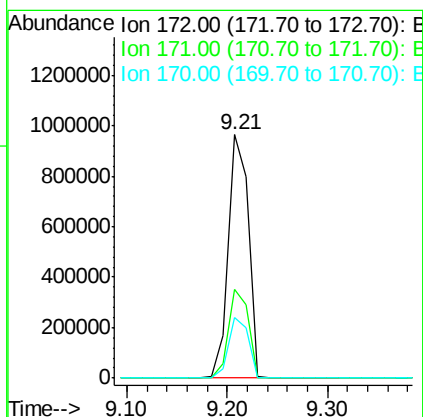
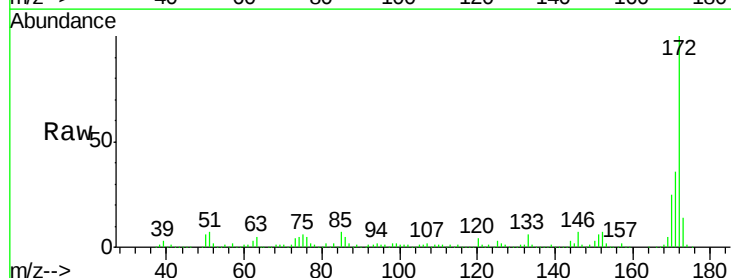
Instrument :
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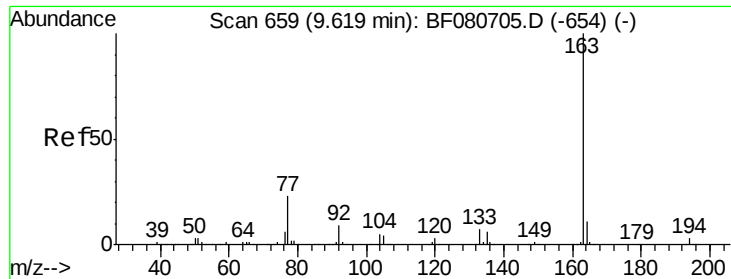
Tgt Ion:330 Resp: 303502
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 38.6 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 104.64 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080770.D
 Acq: 1 Aug 2015 9:44

Tgt Ion:172 Resp: 1336872
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.2 45.4
 170 24.8 20.2 30.2

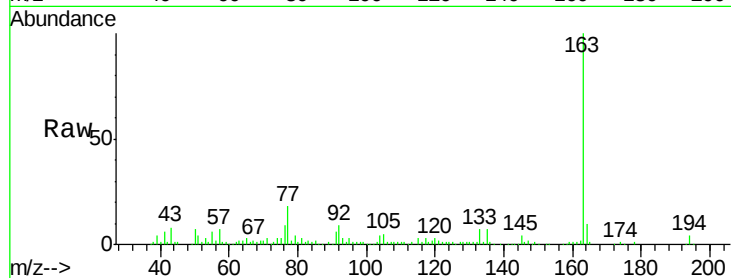




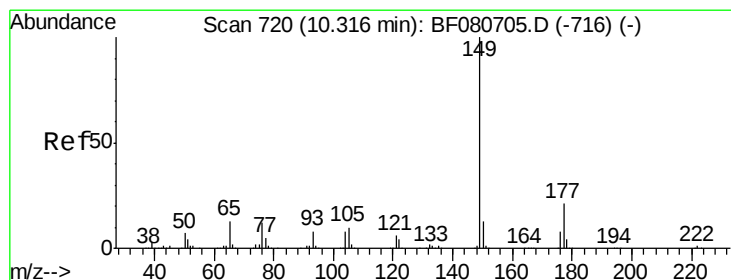
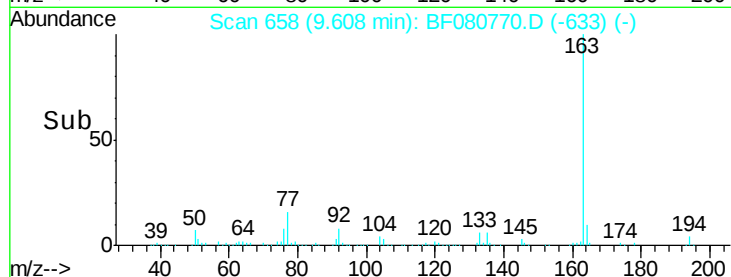
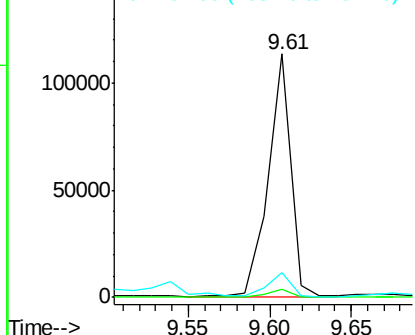
#49
Dimethylphthalate
Concen: 8.11 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080770.D
Acq: 1 Aug 2015 9:44

Instrument :
BNA_F
ClientSampleId :
SUMP-3

Tgt Ion:163 Resp: 108886
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.7 13.1

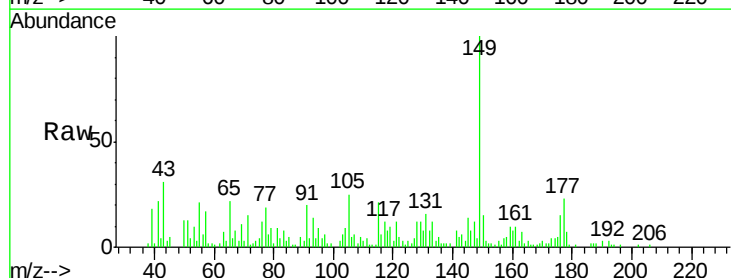


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

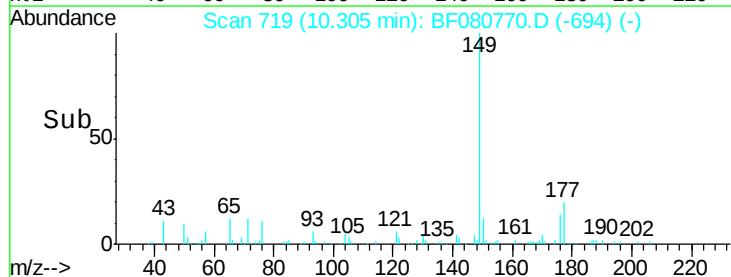
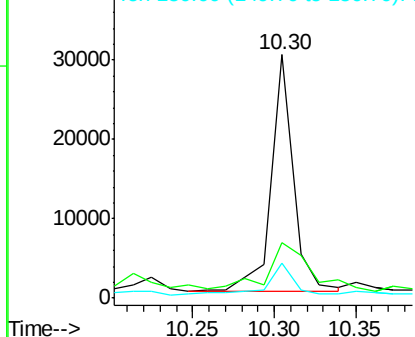


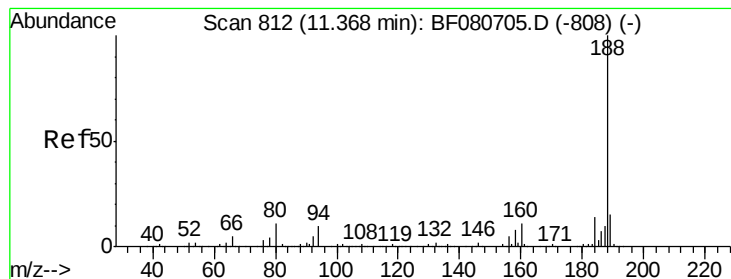
#59
Diethylphthalate
Concen: 2.20 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF080770.D
Acq: 1 Aug 2015 9:44

Tgt Ion:149 Resp: 28479
Ion Ratio Lower Upper
149 100
177 22.7 16.6 25.0
150 14.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

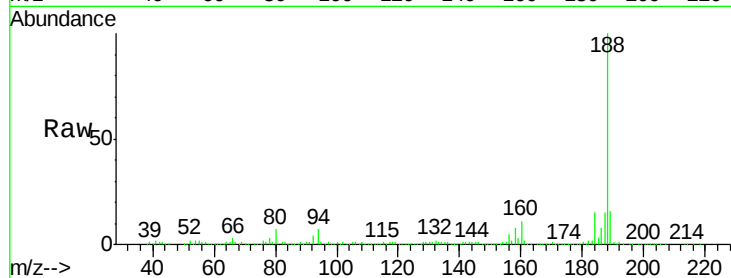
Tgt Ion:188 Resp: 374886

Ion Ratio Lower Upper

188 100

94 6.6 8.1 12.1#

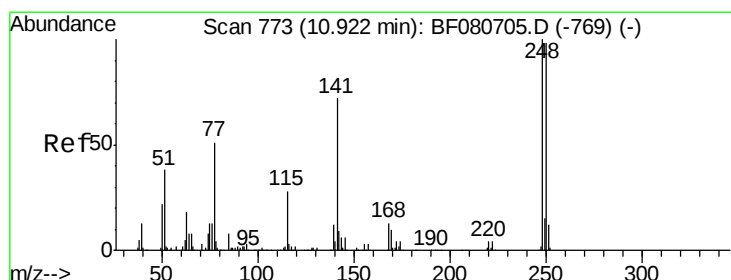
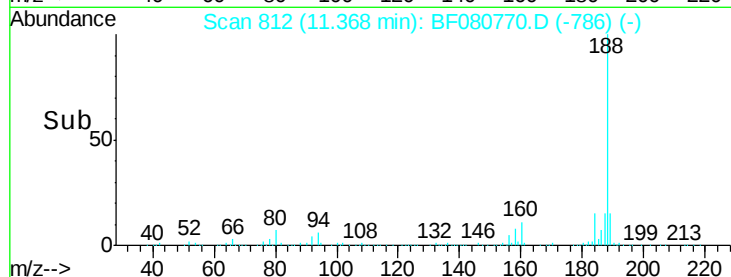
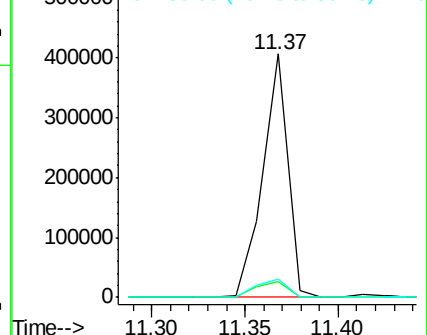
80 7.4 9.1 13.7#



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



#66

4-Bromophenyl-phenylether

Concen: 5.19 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

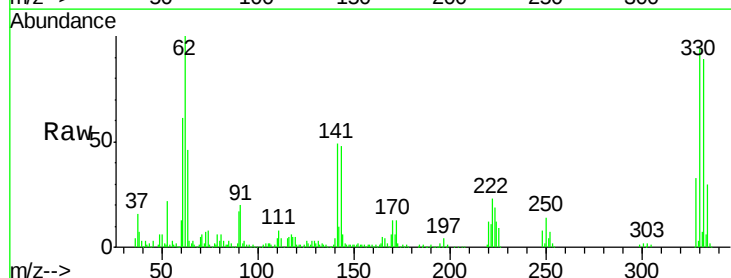
Tgt Ion:248 Resp: 20101

Ion Ratio Lower Upper

248 100

250 179.2 78.4 117.6#

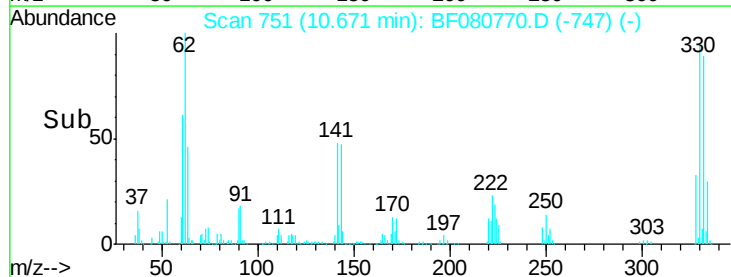
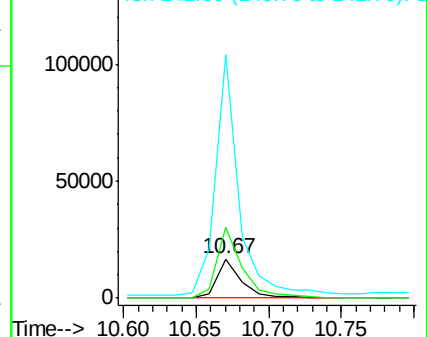
141 618.1 57.5 86.3#

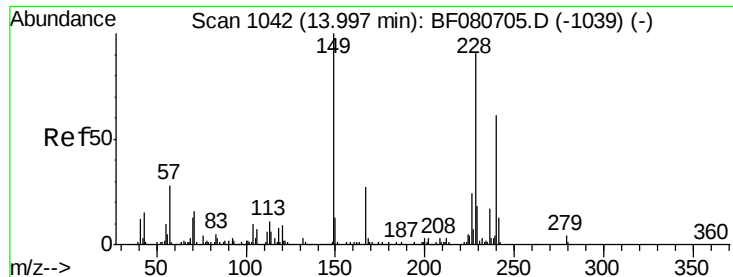


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

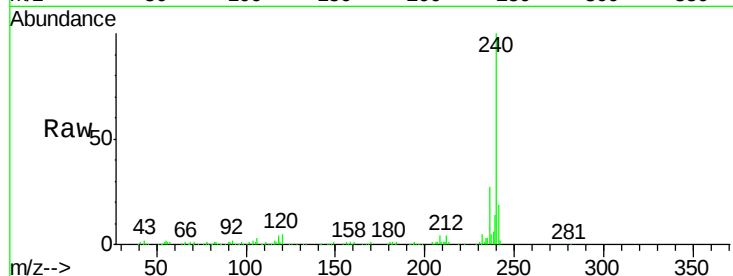
Tgt Ion:240 Resp: 228419

Ion Ratio Lower Upper

240 100

120 4.7 11.8 17.8#

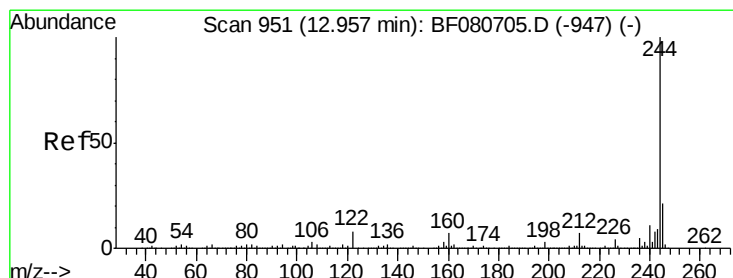
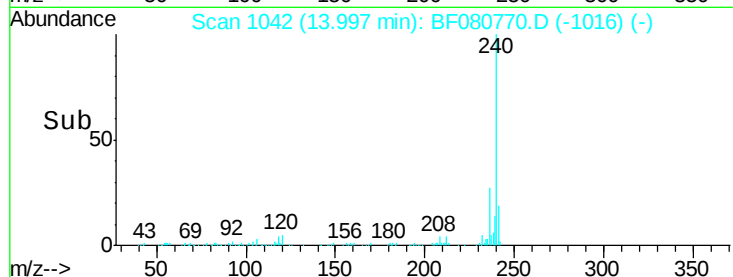
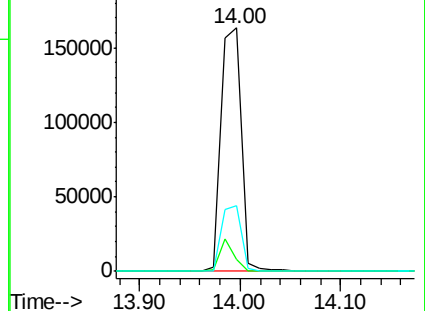
236 27.1 21.8 32.8



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: 92.31 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

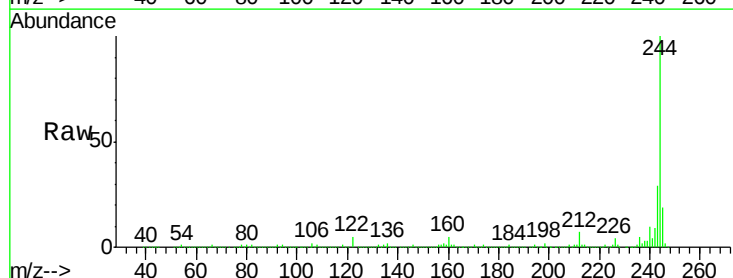
Tgt Ion:244 Resp: 1114881

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

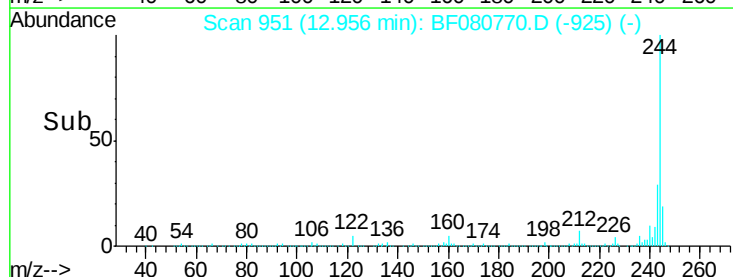
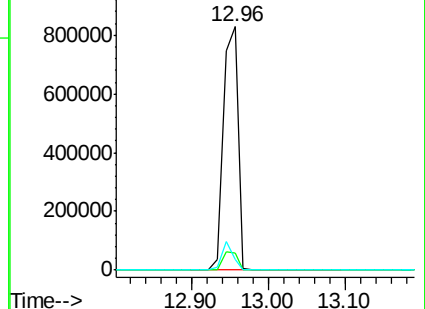
122 4.6 6.6 9.8#

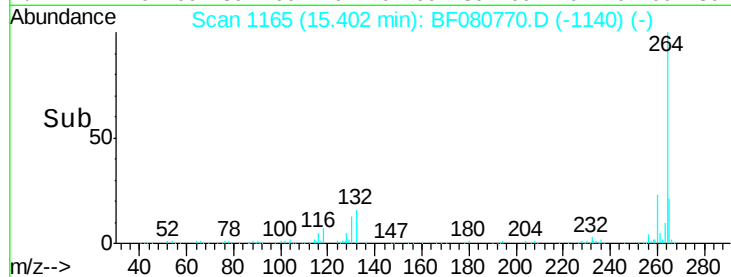
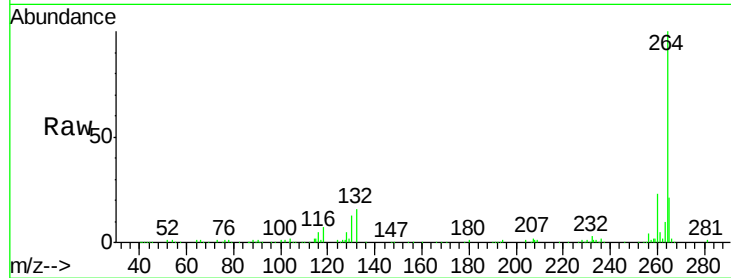
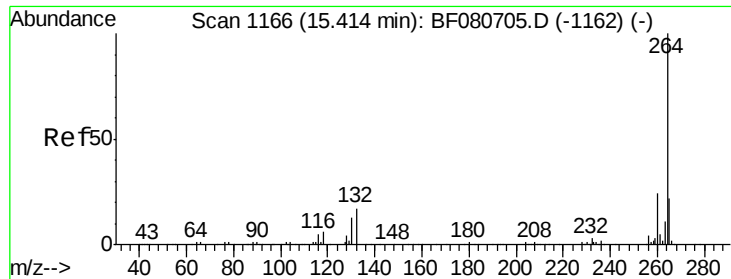


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080770.D

Acq: 1 Aug 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SUMP-3

Tgt Ion:264 Resp: 220705

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.5 17.3 25.9

