

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080753.D
 Acq On : 1 Aug 2015 1:02
 Operator : TP/UM
 Sample : G3127-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-5(0-2)

Quant Time: Aug 01 01:58:56 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

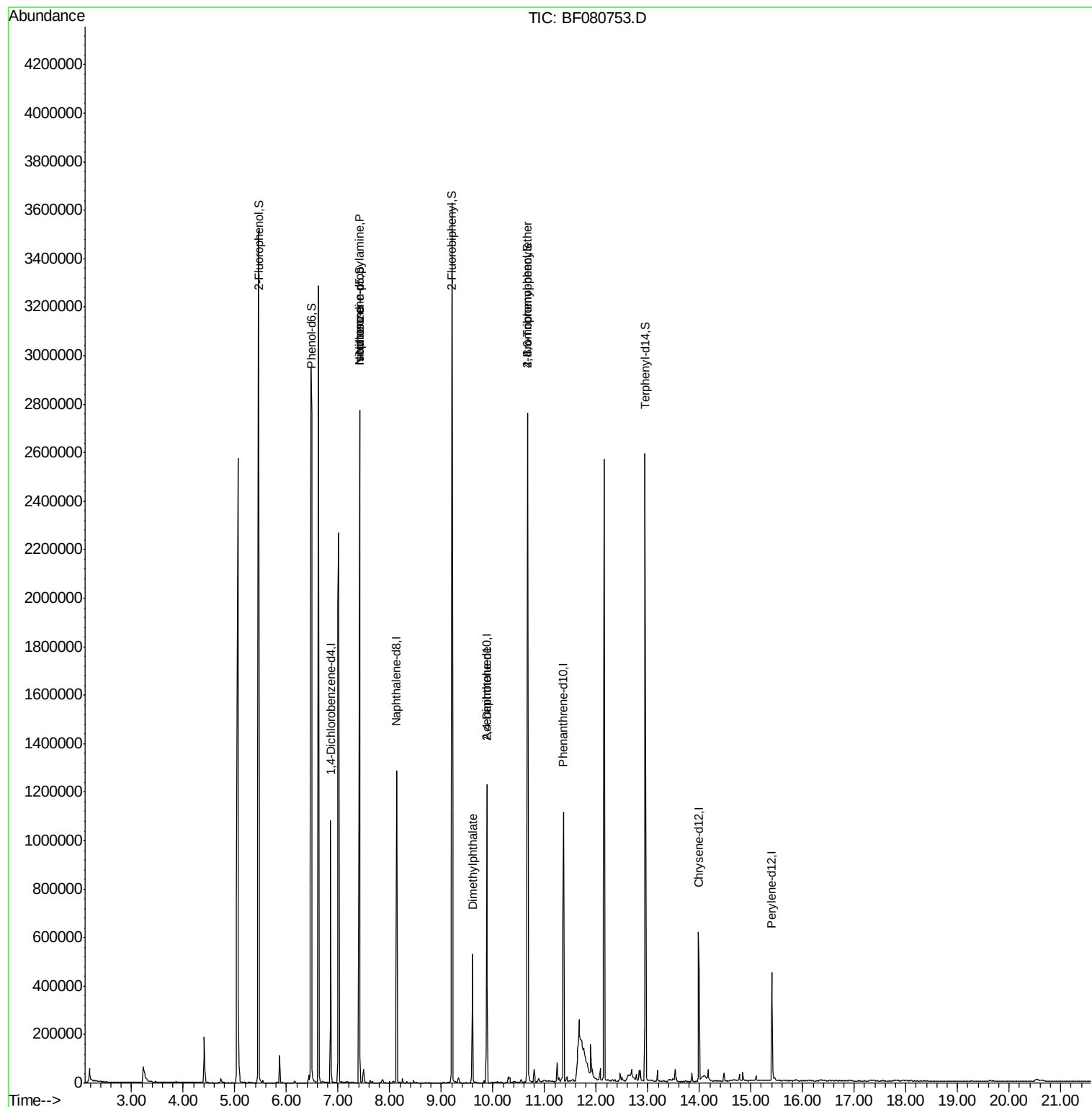
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142236	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	522882	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	245868	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	486167	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288048	20.00	ng	-0.01
86) Perylene-d12	15.40	264	245552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	962027	116.03	ng	0.01
7) Phenol-d6	6.49	99	1490023	132.00	ng	0.00
23) Nitrobenzene-d5	7.41	82	898327	83.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	301634	118.23	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1245350	75.57	ng	-0.01
78) Terphenyl-d14	12.94	244	933453	61.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	2334	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	126982	16.71 ng	#	76
25) Isophorone	7.41	82	882045	45.93 ng	#	71
49) Dimethylphthalate	9.61	163	272712	15.74 ng		97
56) 2,4-Dinitrotoluene	9.88	165	31264	6.48 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	20080	4.00 ng	#	1

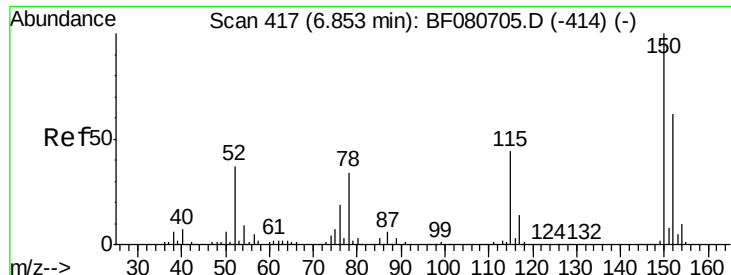
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080753.D

Acq: 1 Aug 2015 1:02

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-5(0-2)

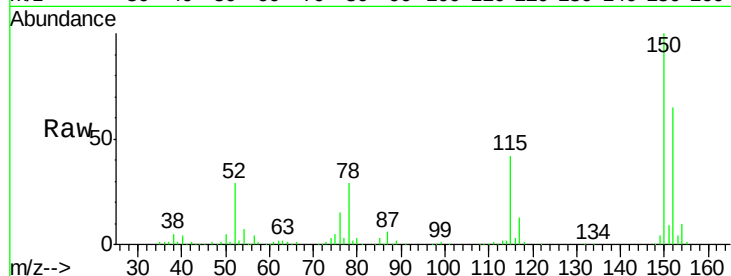
Tgt Ion:152 Resp: 142236

Ion Ratio Lower Upper

152 100

150 154.7 129.6 194.4

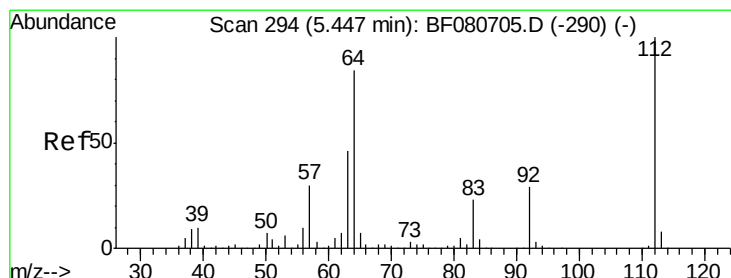
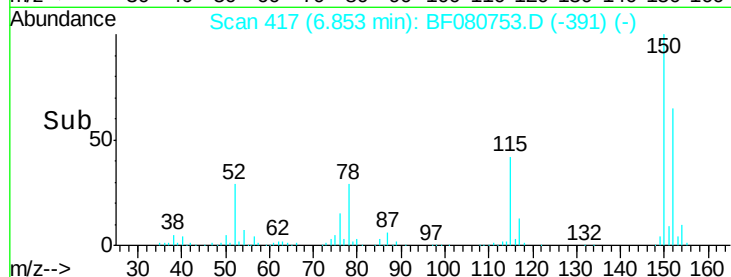
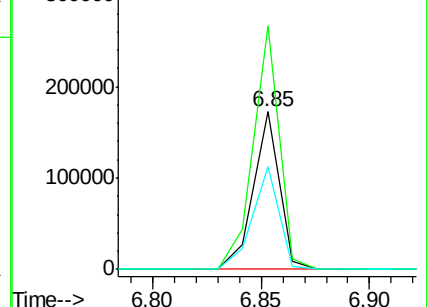
115 65.3 56.6 85.0



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: 116.03 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

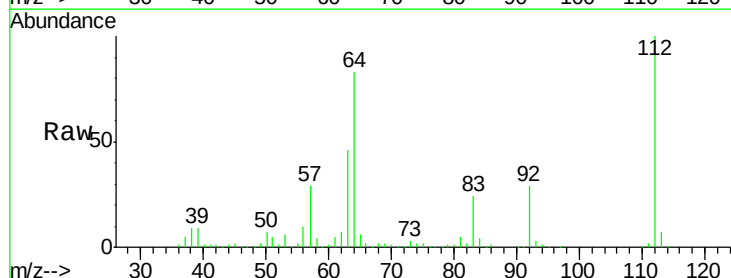
Tgt Ion:112 Resp: 962027

Ion Ratio Lower Upper

112 100

64 82.5 66.8 100.2

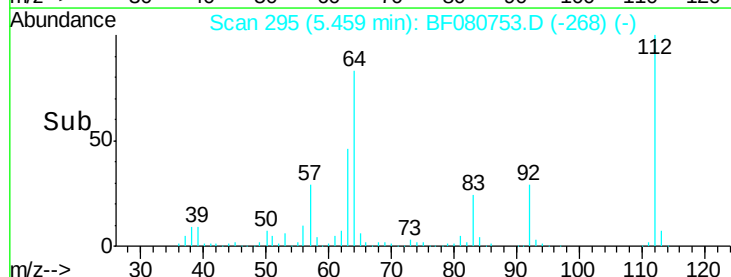
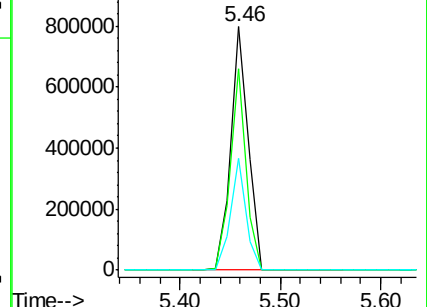
63 45.8 36.7 55.1

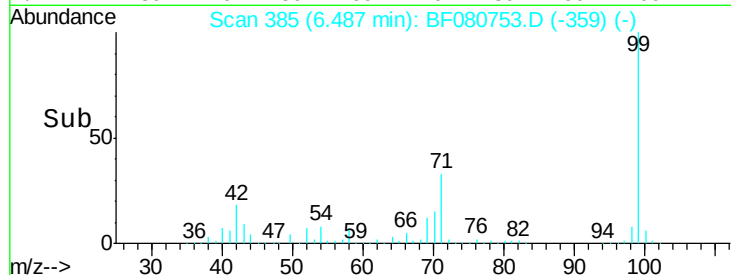
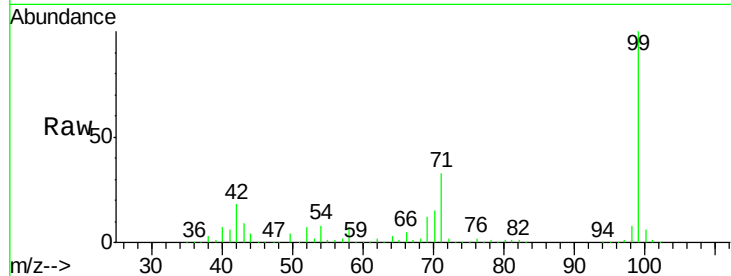
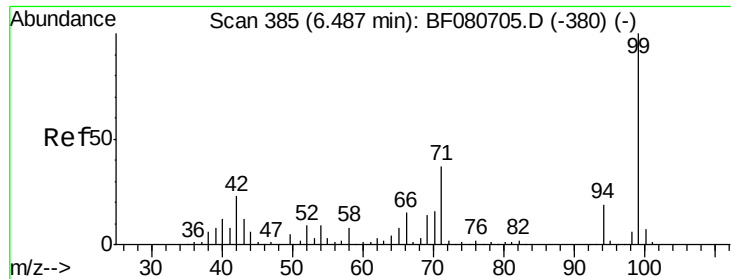


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.00 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-5(0-2)

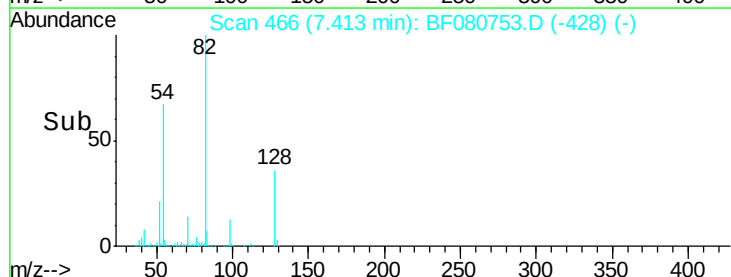
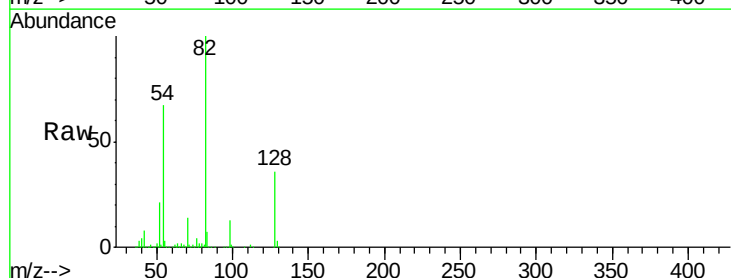
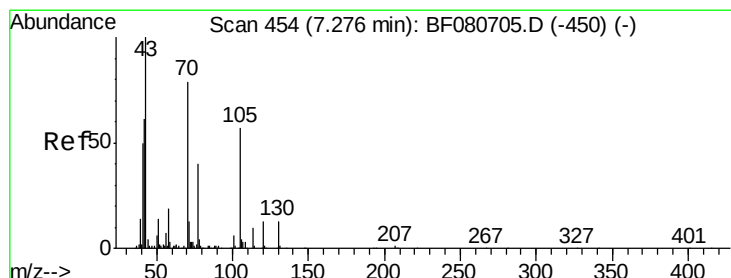
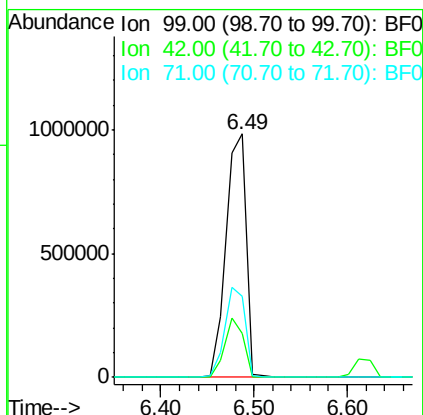
Tgt Ion: 99 Resp: 1490023

Ion Ratio Lower Upper

99 100

42 18.1 18.2 27.2#

71 33.3 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.71 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

Tgt Ion: 70 Resp: 126982

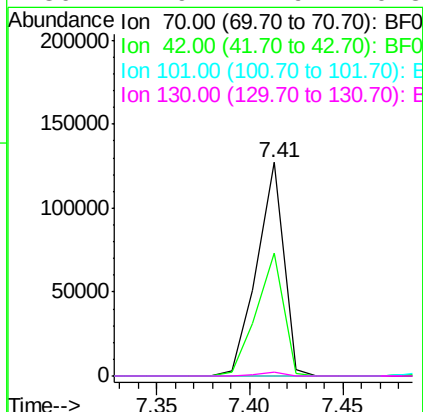
Ion Ratio Lower Upper

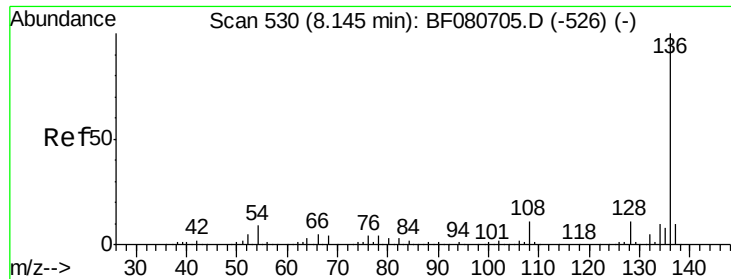
70 100

42 57.7 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

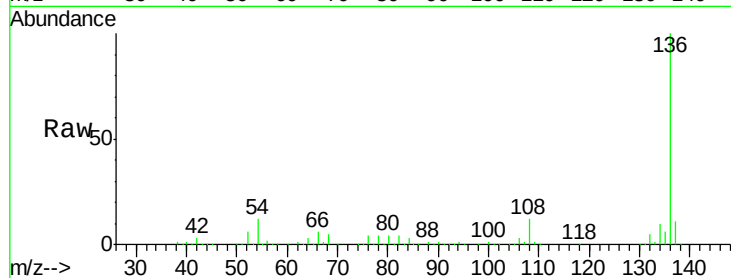




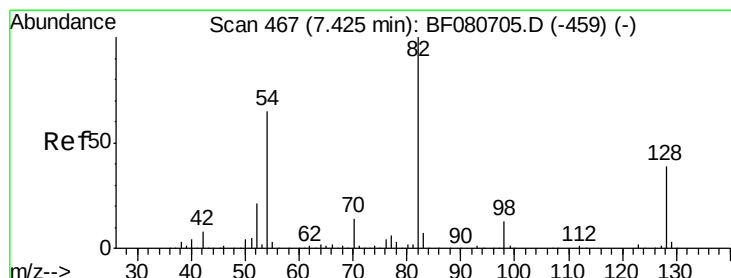
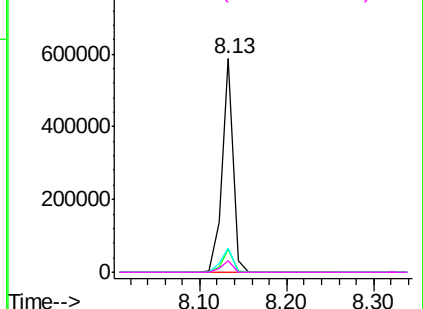
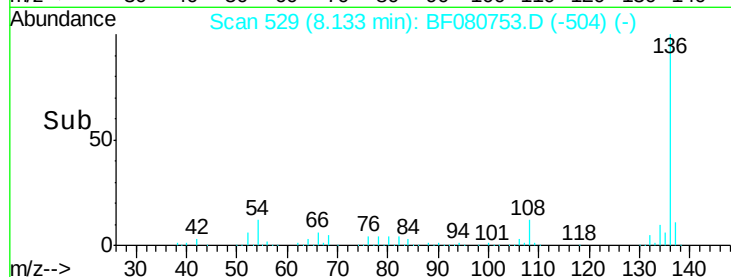
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080753.D
Acq: 1 Aug 2015 1:02

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-5(0-2)

Tgt Ion:	136	Resp:	522882
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	11.6	6.9	10.3#
68	5.4	3.5	5.3#

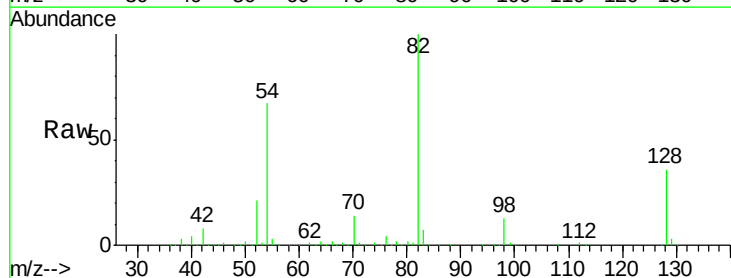


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

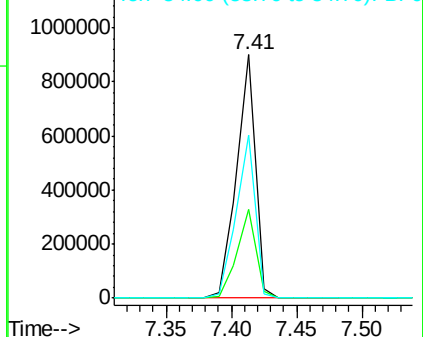
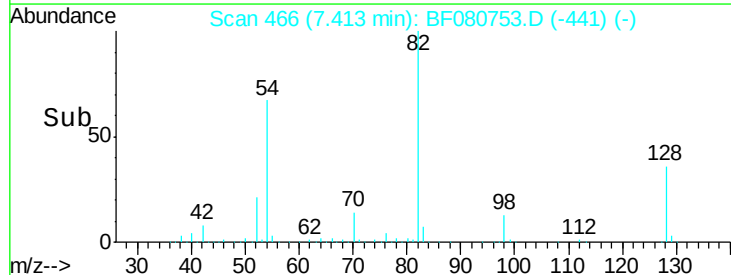


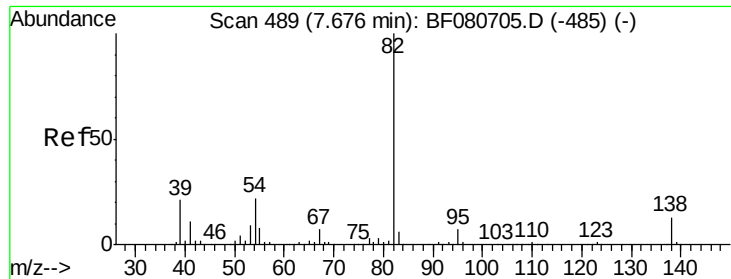
#23
Nitrobenzene-d5
Concen: 83.20 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080753.D
Acq: 1 Aug 2015 1:02

Tgt Ion:	82	Resp:	898327
Ion	Ratio	Lower	Upper
82	100		
128	36.4	31.5	47.3
54	66.9	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: 45.93 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-5(0-2)

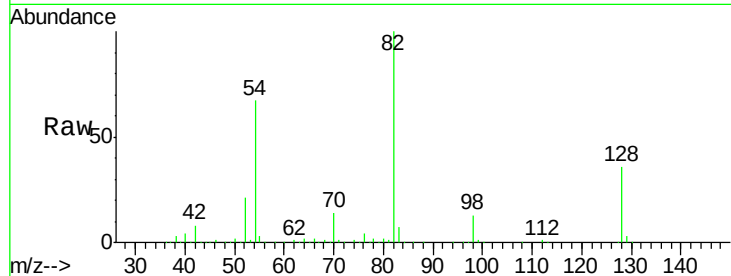
Tgt Ion: 82 Resp: 882045

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

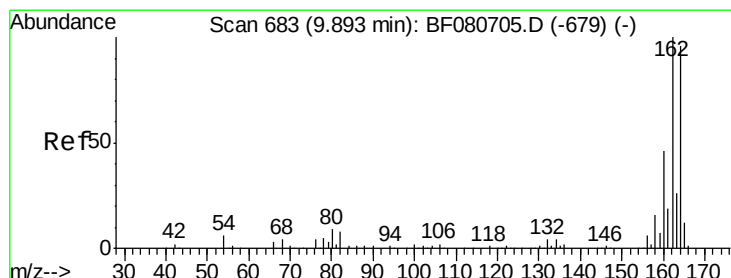
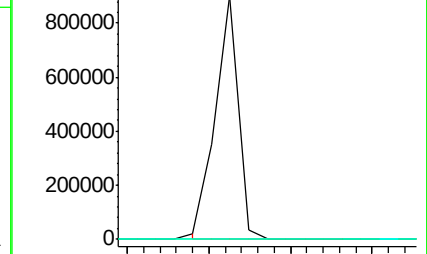
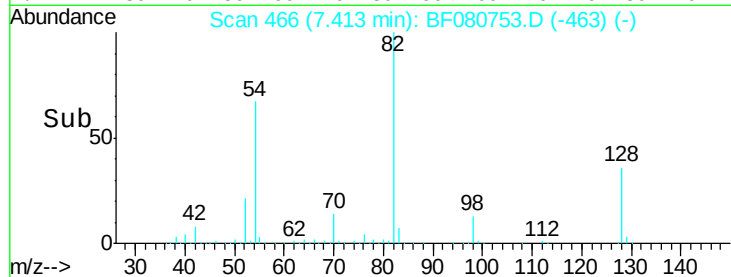
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080753.D (-466) (-)

Ion 95.00 (94.70 to 95.70): BF080753.D (-466) (-)

Ion 138.00 (137.70 to 138.70): BF080753.D (-466) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

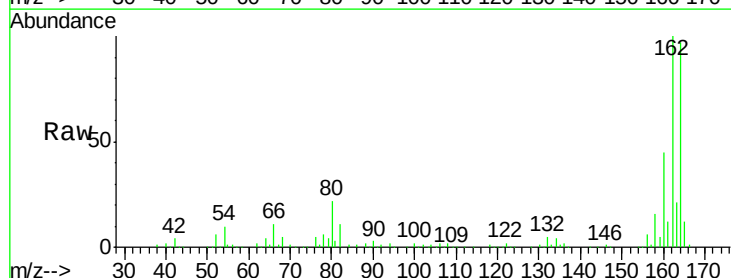
Tgt Ion: 164 Resp: 245868

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

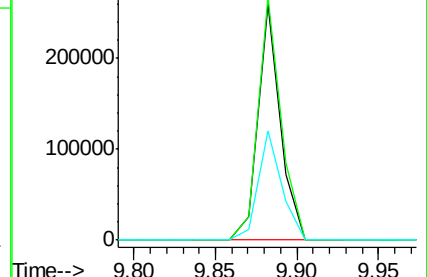
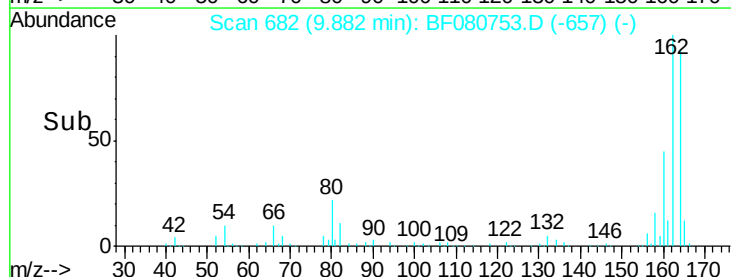
160 46.1 38.0 57.0

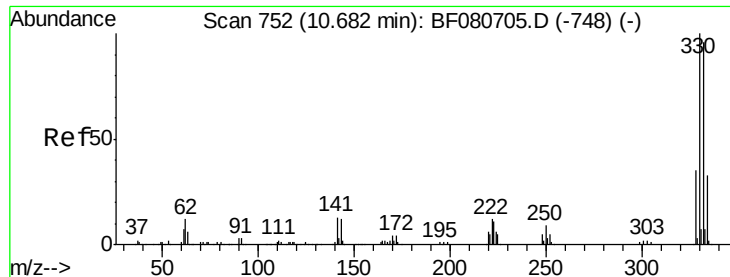


Abundance Ion 164.00 (163.70 to 164.70): BF080753.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080753.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080753.D (-657) (-)

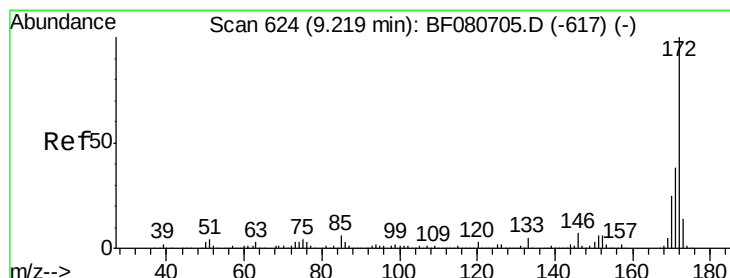
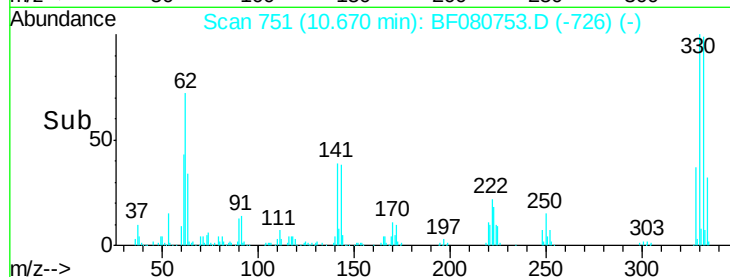
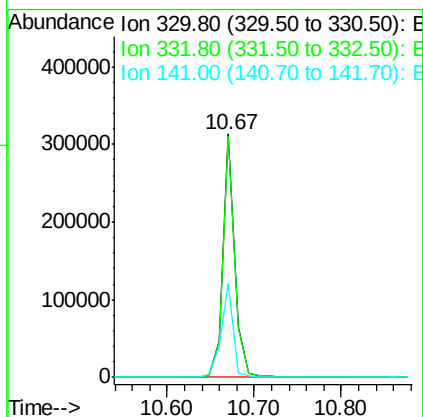
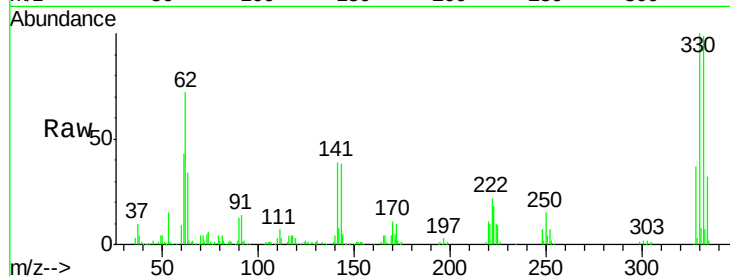




#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080753.D
 Acq: 1 Aug 2015 1:02

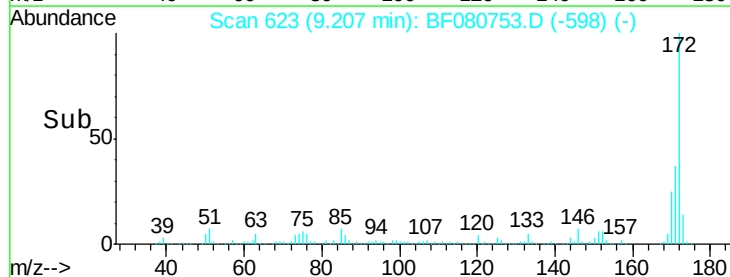
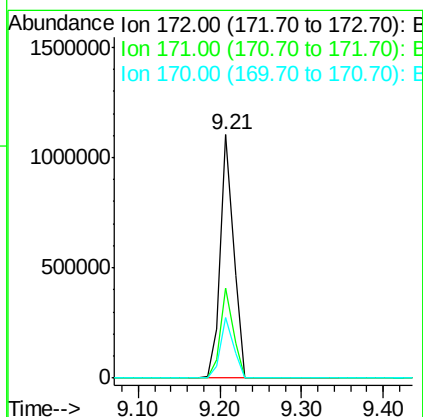
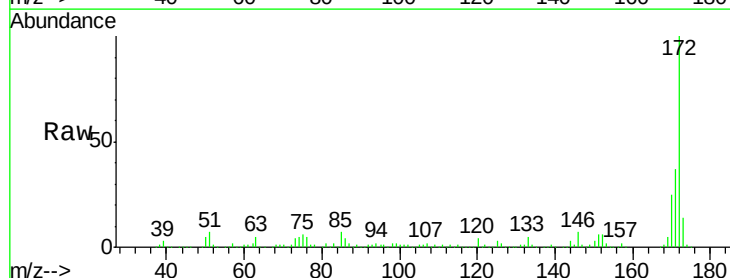
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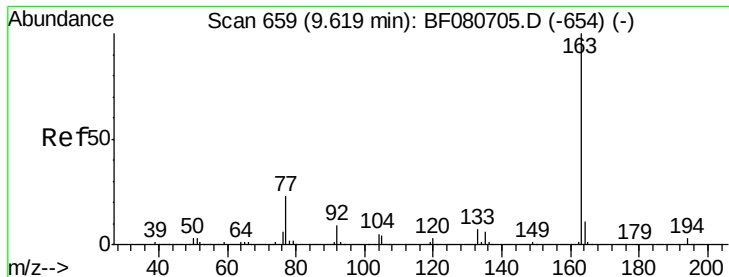
Tgt Ion:330 Resp: 301634
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 39.3 26.0 39.0#



#44
 2-Fluorobiphenyl
 Concen: 75.57 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080753.D
 Acq: 1 Aug 2015 1:02

Tgt Ion:172 Resp: 1245350
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.2 45.4
 170 24.9 20.2 30.2

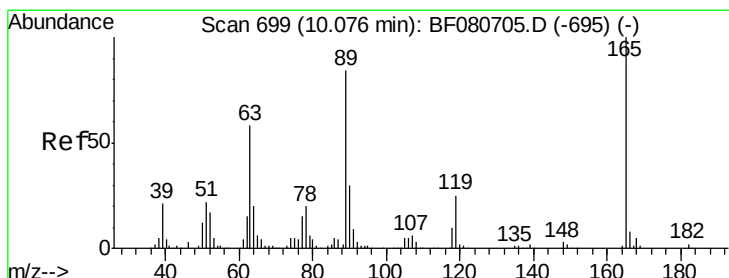
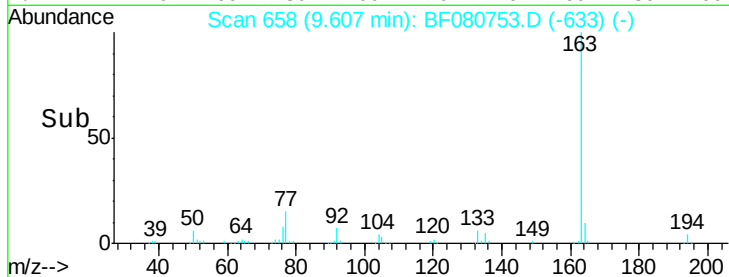
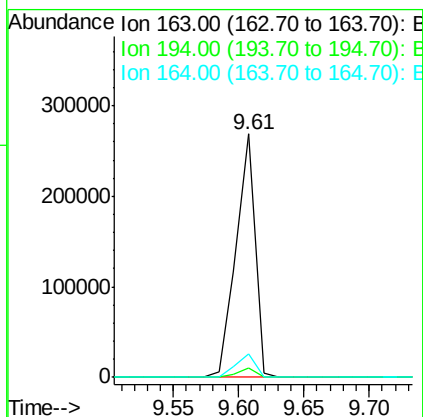
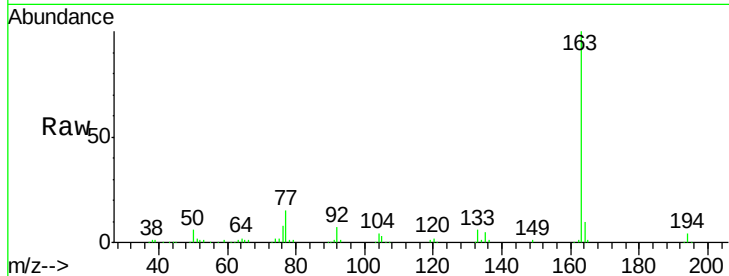




#49
Dimethylphthalate
Concen: 15.74 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080753.D
Acq: 1 Aug 2015 1:02

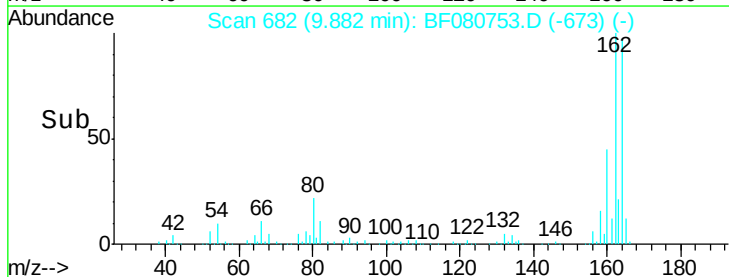
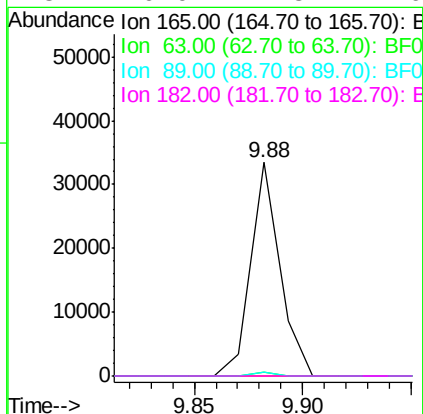
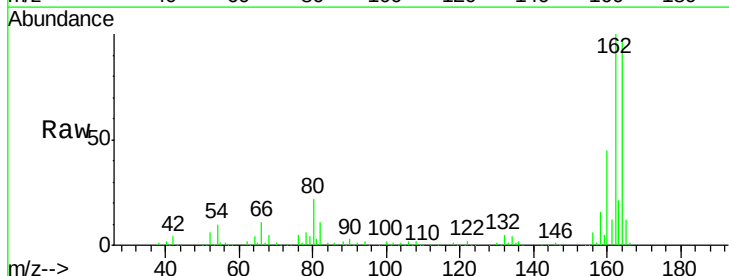
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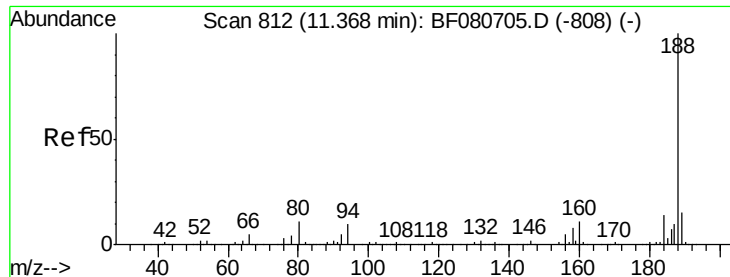
Tgt Ion:163 Resp: 272712
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080753.D
Acq: 1 Aug 2015 1:02

Tgt Ion:165 Resp: 31264
Ion Ratio Lower Upper
165 100
63 1.7 46.7 70.1#
89 1.8 67.4 101.2#
182 0.0 1.8 2.6#

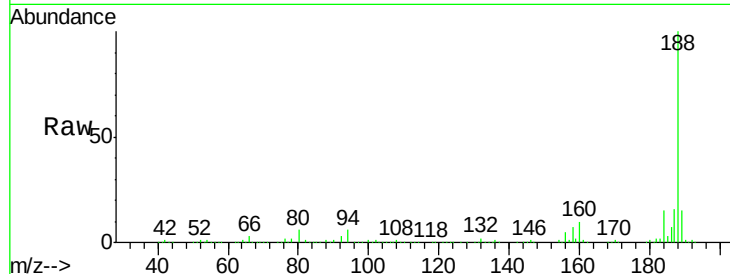




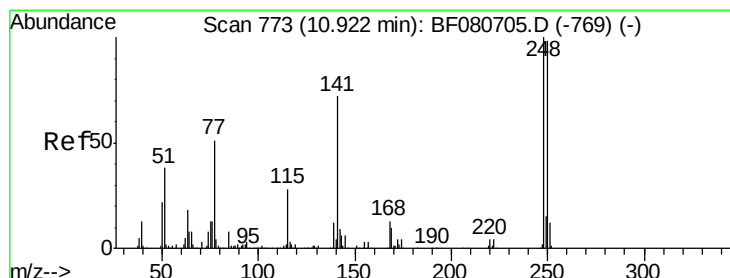
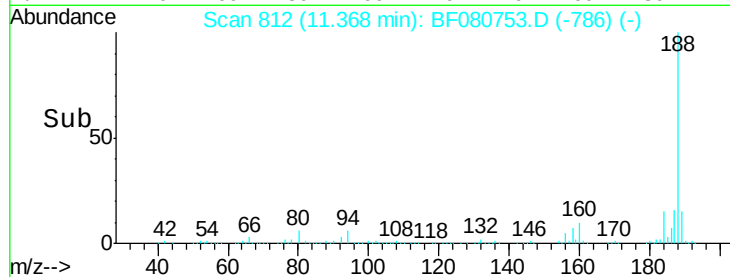
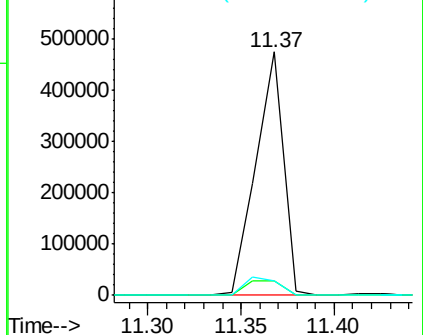
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080753.D
 Acq: 1 Aug 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-5(0-2)

Tgt Ion:188 Resp: 486167
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.1 12.1#
 80 6.2 9.1 13.7#

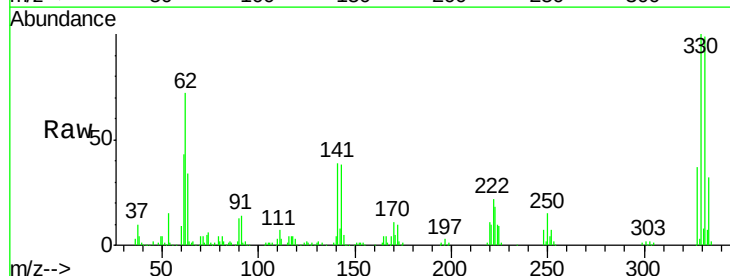


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

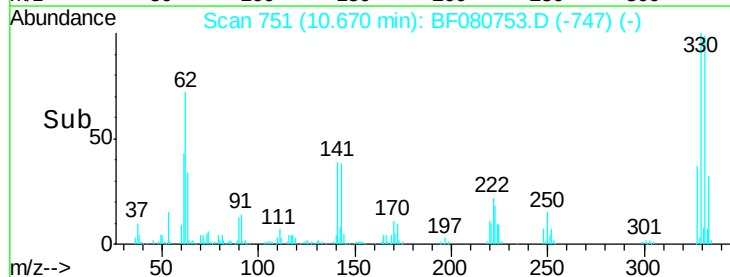
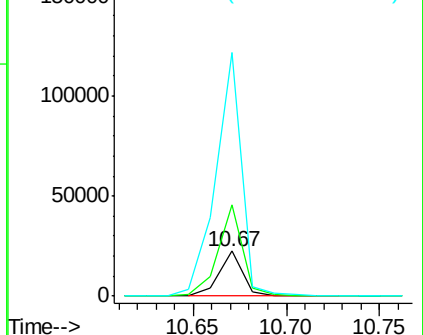


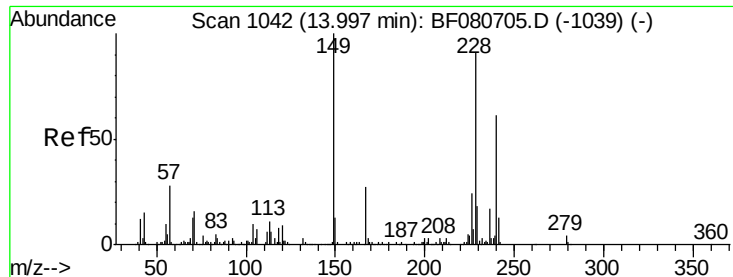
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080753.D
 Acq: 1 Aug 2015 1:02

Tgt Ion:248 Resp: 20080
 Ion Ratio Lower Upper
 248 100
 250 202.8 78.4 117.6#
 141 541.6 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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-5(0-2)

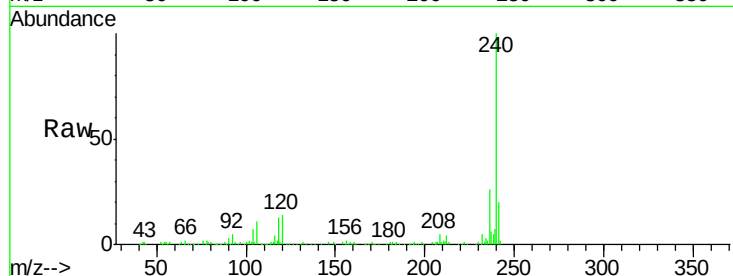
Tgt Ion:240 Resp: 288048

Ion Ratio Lower Upper

240 100

120 13.7 11.8 17.8

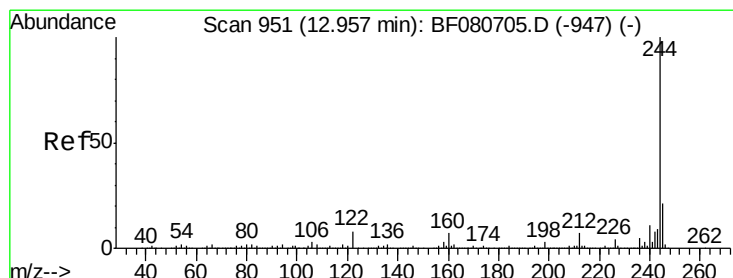
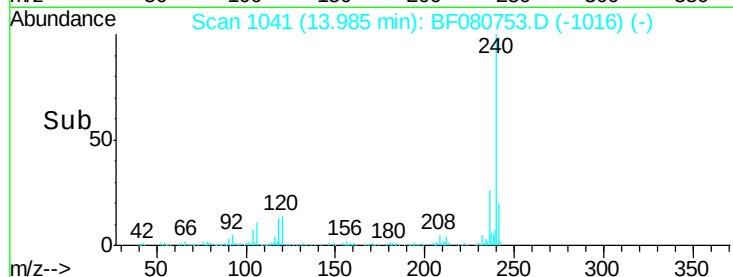
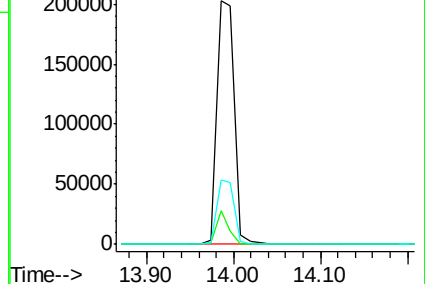
236 26.4 21.8 32.8



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: 61.29 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080753.D

Acq: 1 Aug 2015 1:02

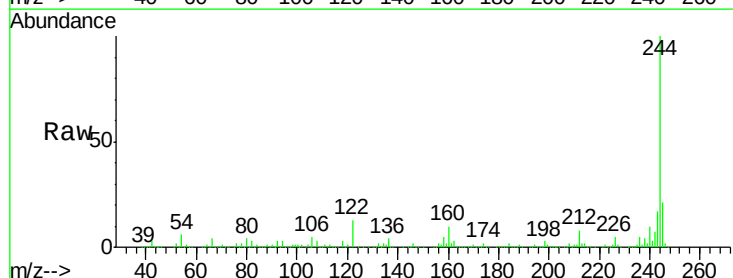
Tgt Ion:244 Resp: 933453

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

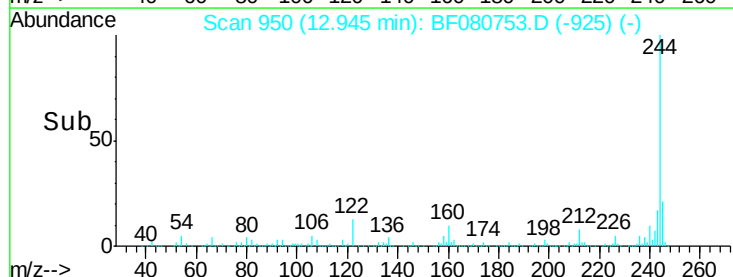
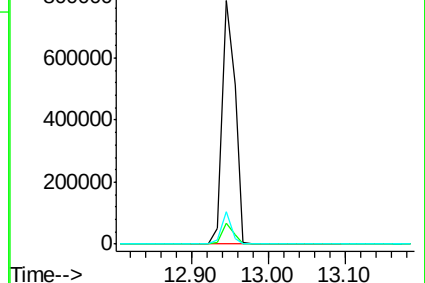
122 13.4 6.6 9.8#

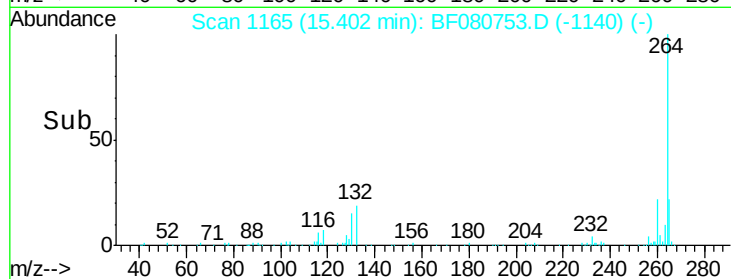
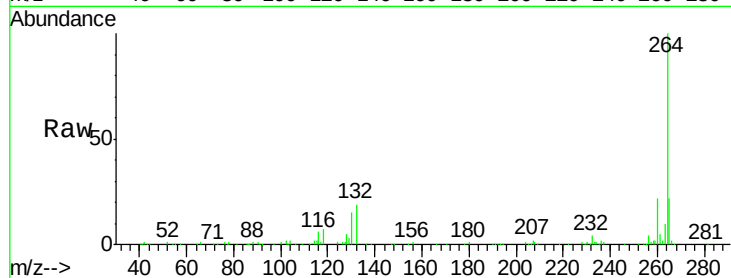
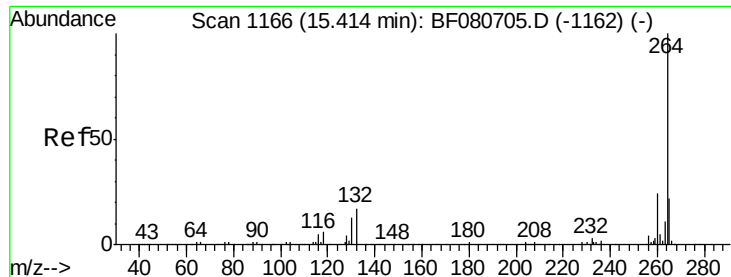


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080753.D

Acq: 1 Aug 2015 1:02

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-5(0-2)

Tgt Ion:264 Resp: 245552

Ion Ratio Lower Upper

264 100

260 22.2 19.4 29.0

265 22.2 17.3 25.9

