

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082513.D
 Acq On : 24 Oct 2015 14:55
 Operator : UM/IZ
 Sample : G4117-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Quant Time: Oct 24 23:25:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

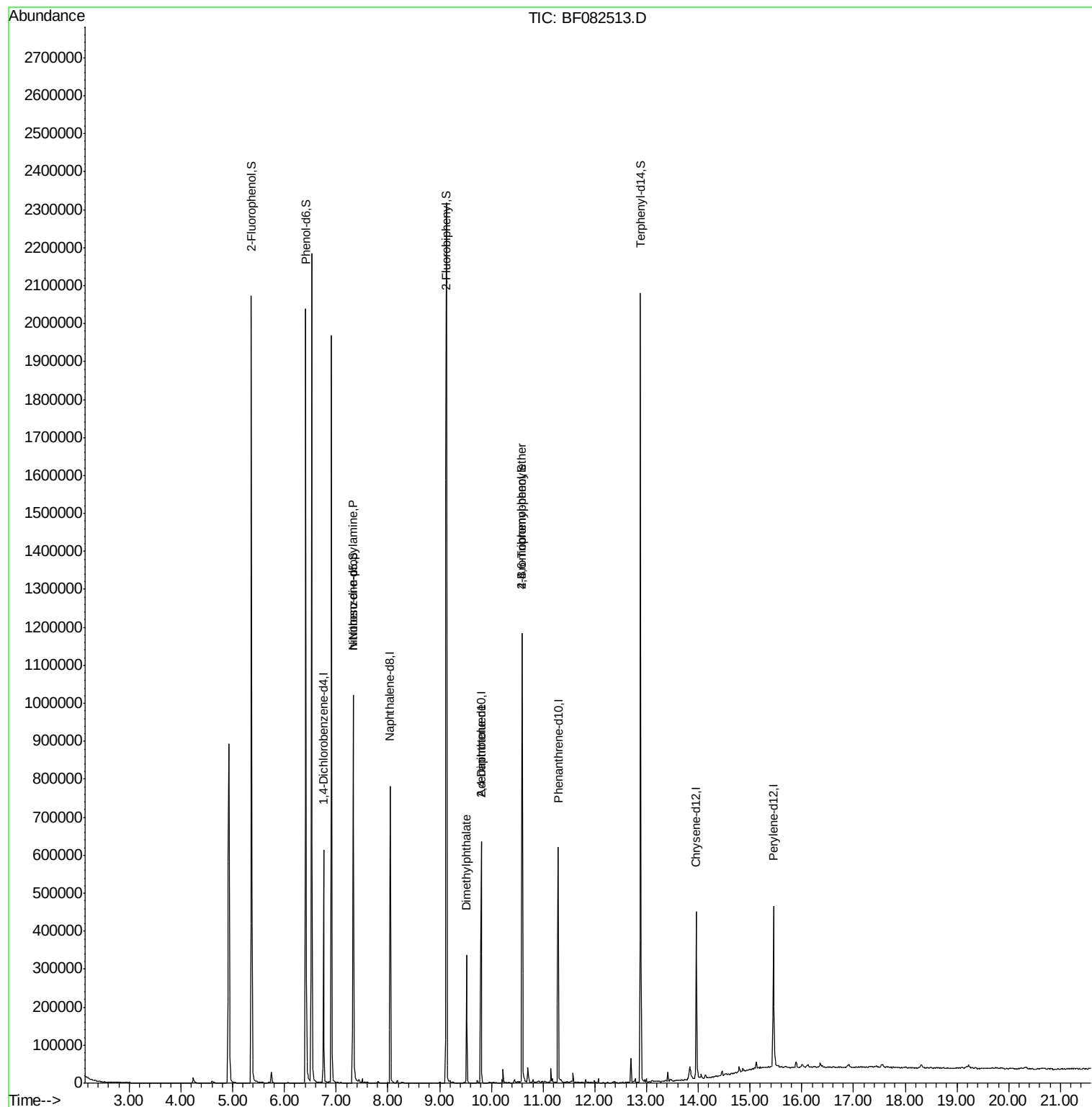
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	95308	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	362528	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	154071	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	266368	20.00	ng	0.00
75) Chrysene-d12	13.96	240	225051	20.00	ng	-0.08
86) Perylene-d12	15.45	264	194011	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	614004	130.02	ng	0.01
7) Phenol-d6	6.41	99	784373	127.64	ng	-0.01
23) Nitrobenzene-d5	7.33	82	476627	88.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	130795	90.52	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1009628	108.67	ng	0.00
78) Terphenyl-d14	12.88	244	657531	77.42	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	62145	14.40	ng	# 79
49) Dimethylphthalate	9.52	163	171071	15.77	ng	100
56) 2,4-Dinitrotoluene	9.81	165	19145	6.69	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	9998	3.75	ng	# 1

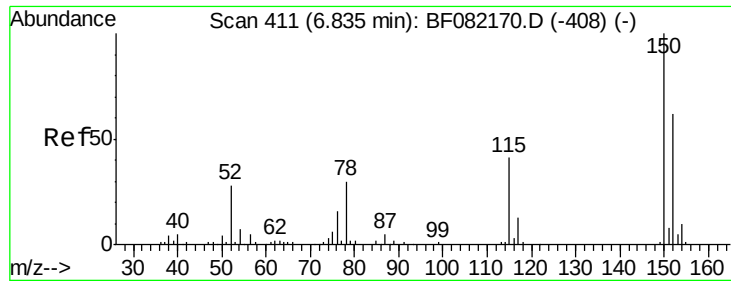
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

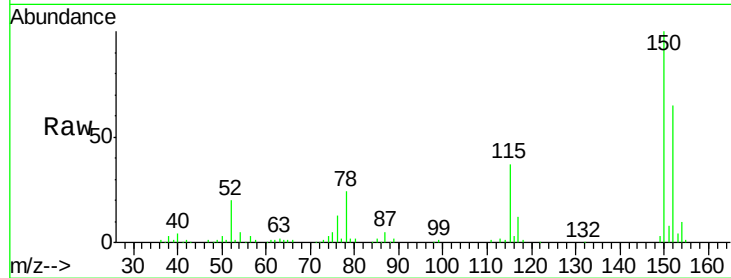
Tgt Ion:152 Resp: 95308

Ion Ratio Lower Upper

152 100

150 155.0 129.0 193.4

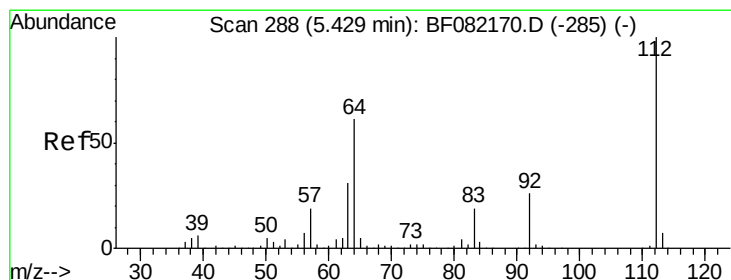
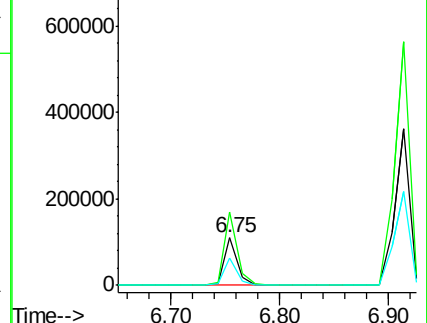
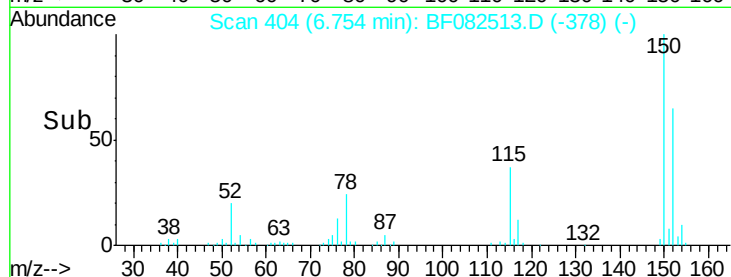
115 57.4 52.1 78.1



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: 130.02 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

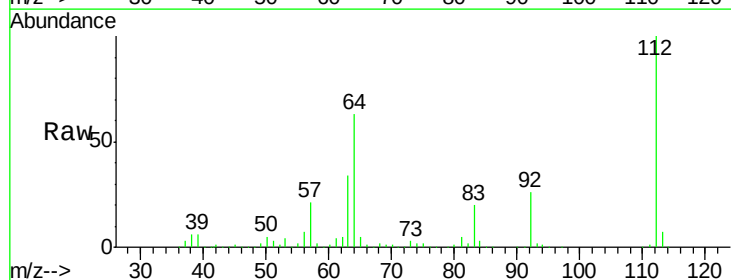
Tgt Ion:112 Resp: 614004

Ion Ratio Lower Upper

112 100

64 63.4 48.6 73.0

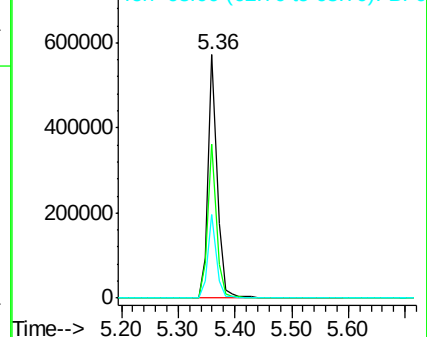
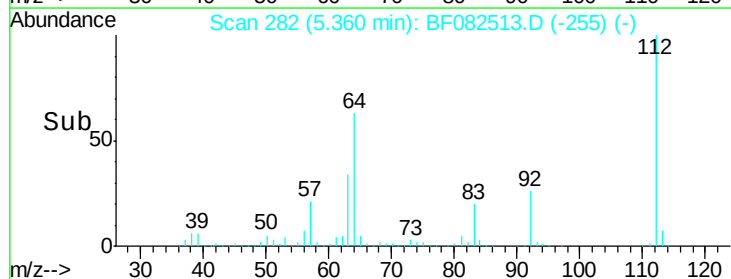
63 34.2 25.1 37.7

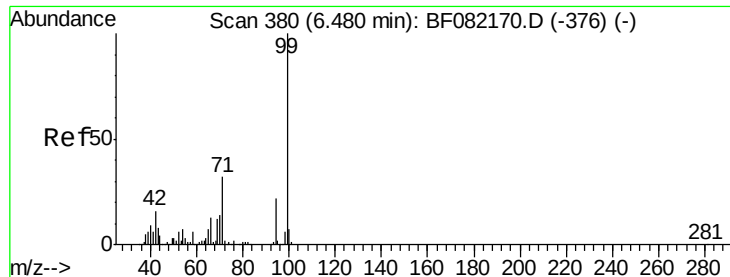


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.64 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

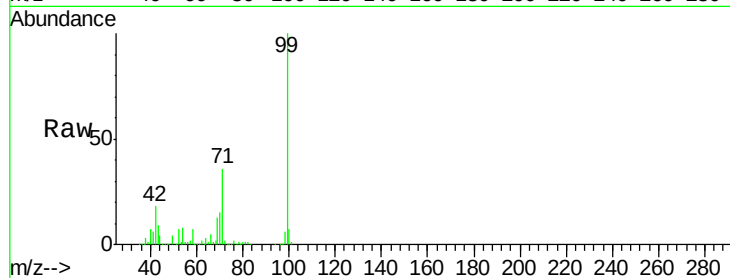
Tgt Ion: 99 Resp: 784373

Ion Ratio Lower Upper

99 100

42 18.0 13.2 19.8

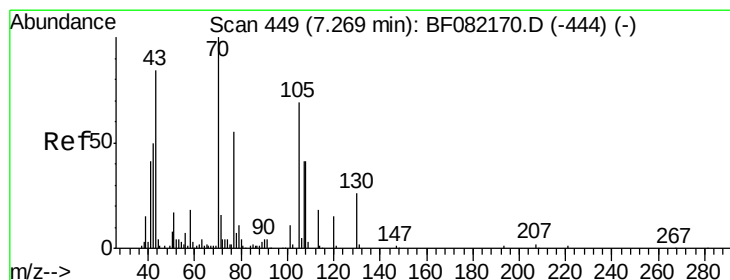
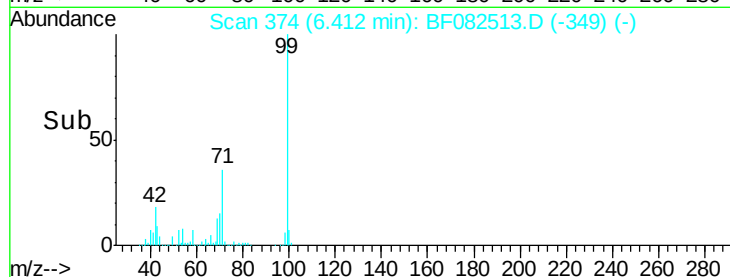
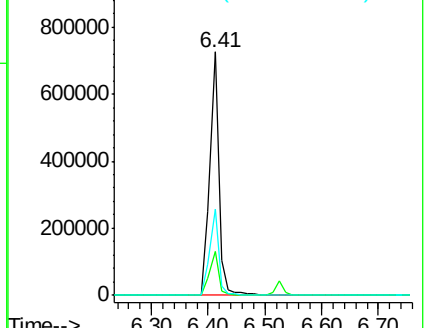
71 35.7 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Tgt Ion: 70 Resp: 62145

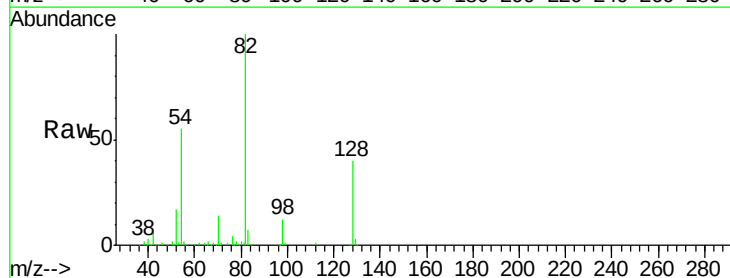
Ion Ratio Lower Upper

70 100

42 45.3 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#

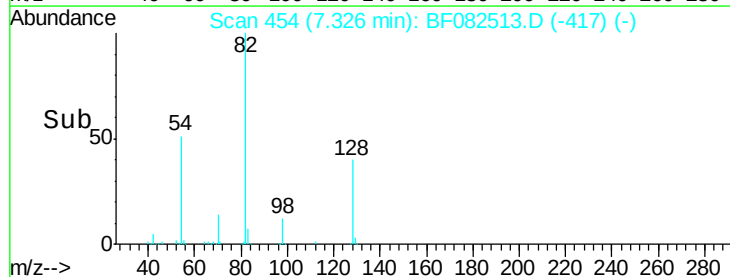
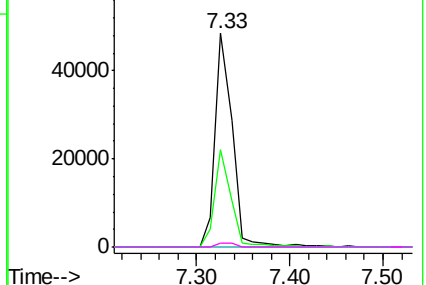


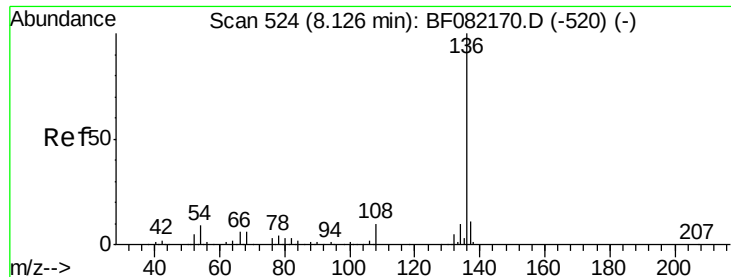
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

Tgt Ion: 136 Resp: 362528

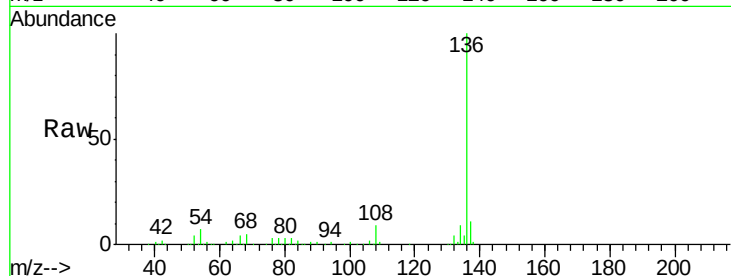
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.9 7.5 11.3#

68 4.6 4.6 7.0#

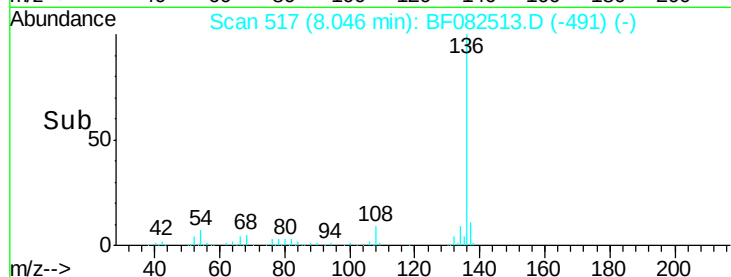


Abundance Ion 136.00 (135.70 to 136.70): E

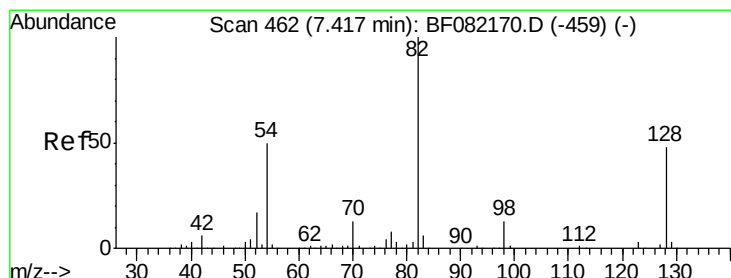
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.29 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

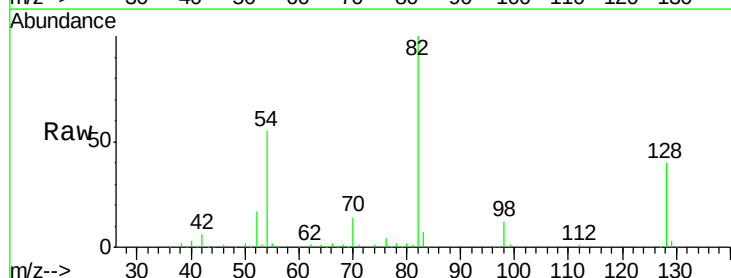
Tgt Ion: 82 Resp: 476627

Ion Ratio Lower Upper

82 100

128 40.4 38.7 58.1

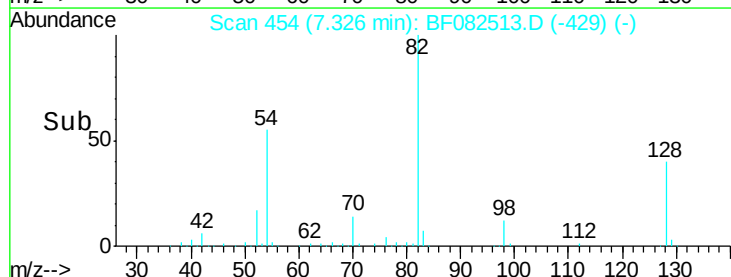
54 54.5 40.1 60.1



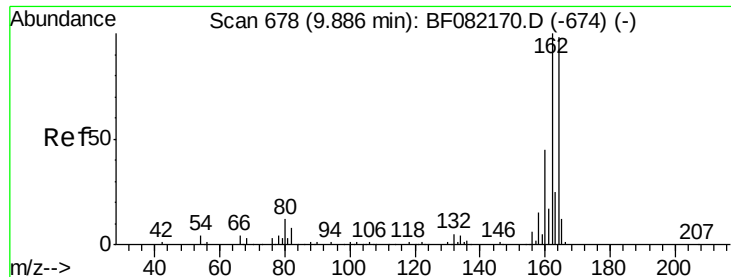
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

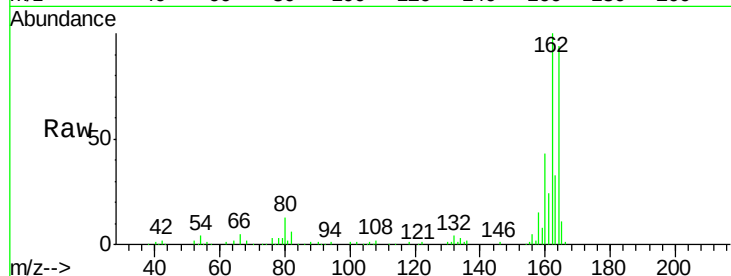
Tgt Ion:164 Resp: 154071

Ion Ratio Lower Upper

164 100

162 106.9 81.6 122.4

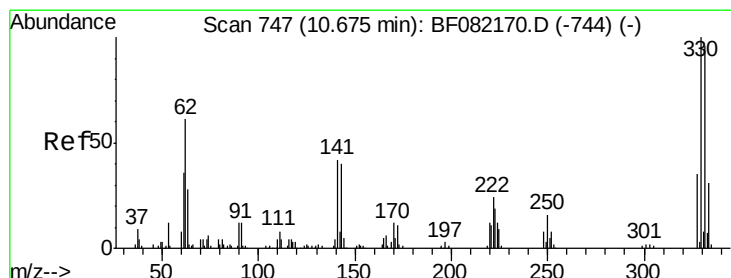
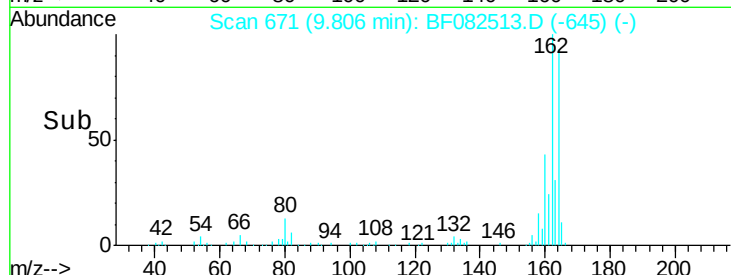
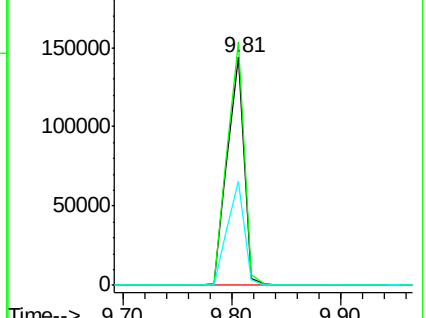
160 45.5 36.4 54.6



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: 90.52 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

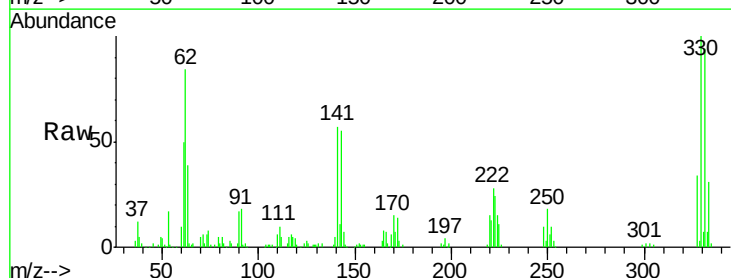
Tgt Ion:330 Resp: 130795

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

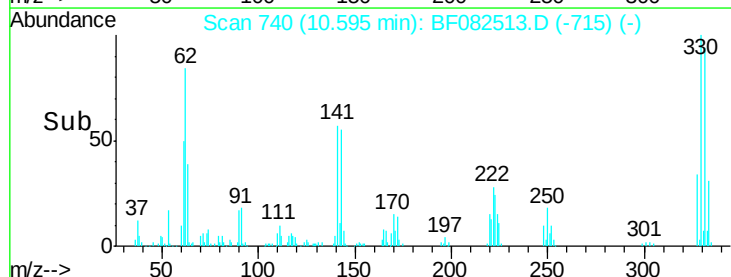
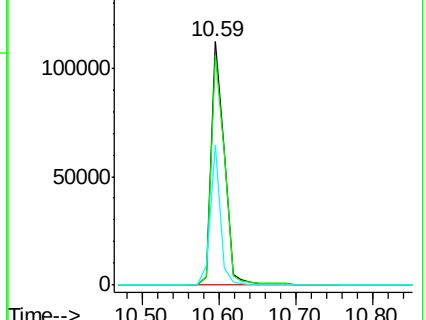
141 44.7 29.8 44.8

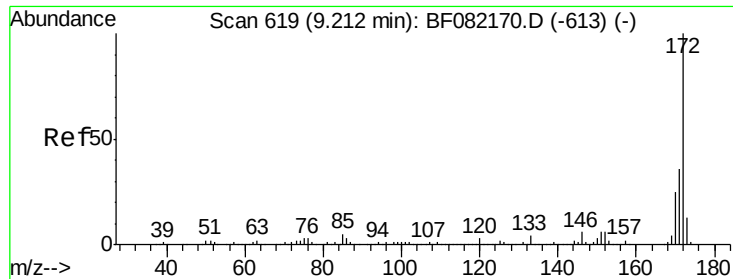


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

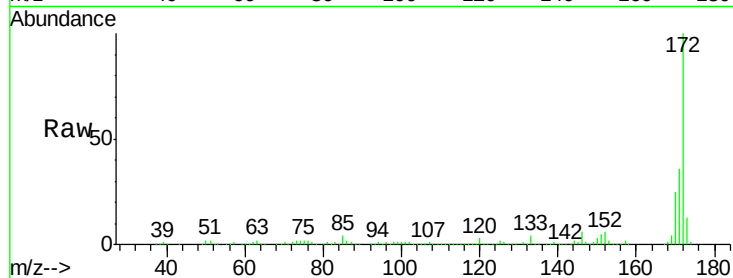




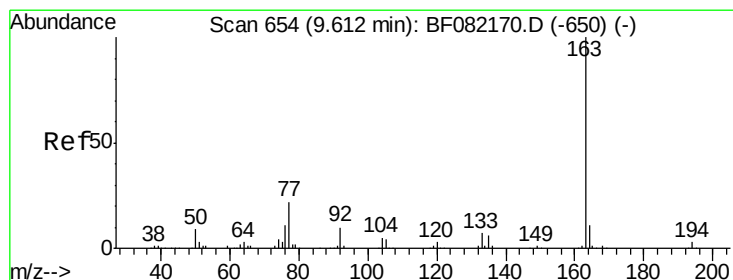
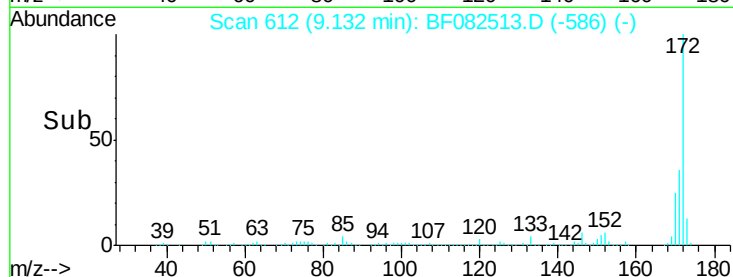
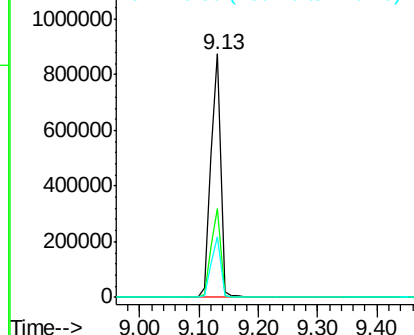
#44
2-Fluorobiphenyl
Concen: 108.67 ng
RT: 9.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF082513.D
Acq: 24 Oct 2015 14:55

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tgt Ion:172 Resp: 1009628
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.8 19.7 29.5

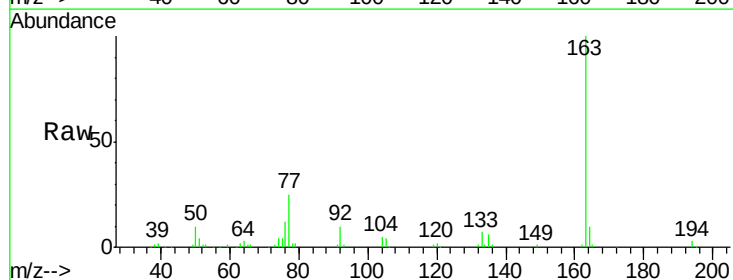


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

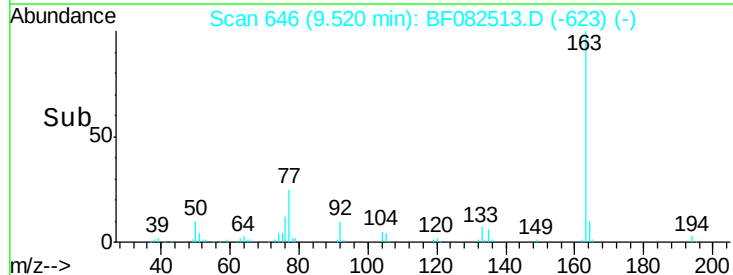
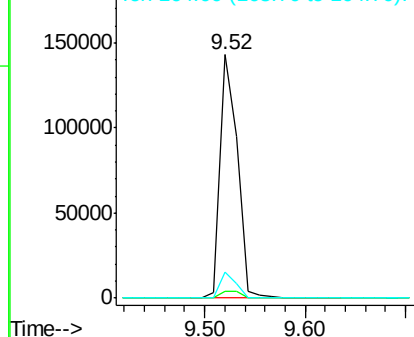


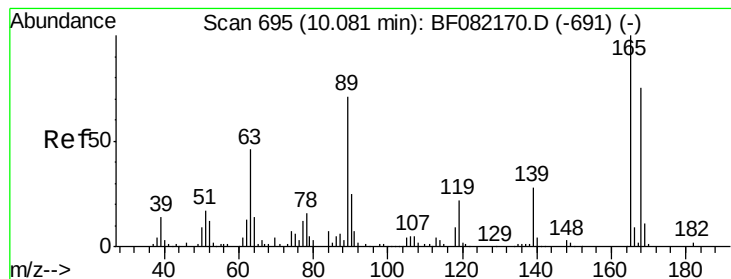
#49
Dimethylphthalate
Concen: 15.77 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082513.D
Acq: 24 Oct 2015 14:55

Tgt Ion:163 Resp: 171071
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.5 12.7



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: 6.69 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

Tgt Ion:165 Resp: 19145

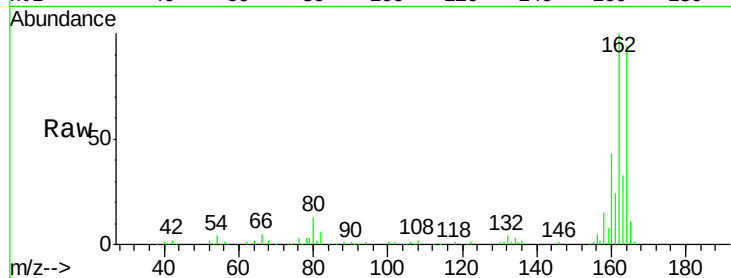
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

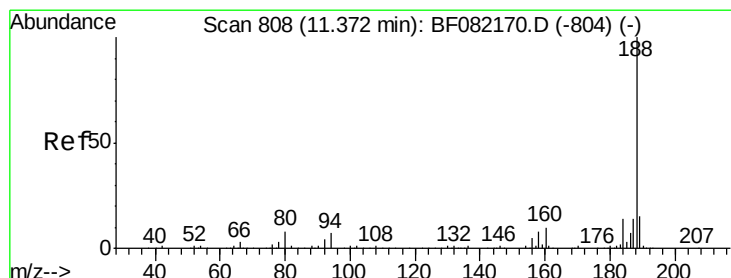
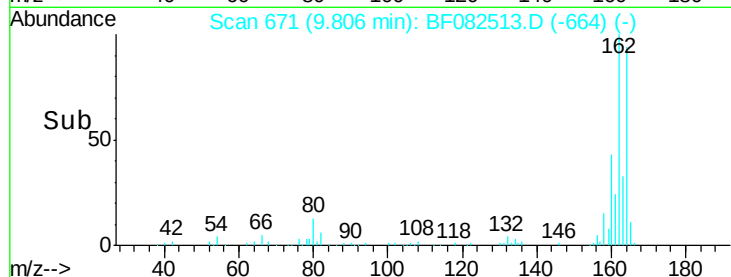
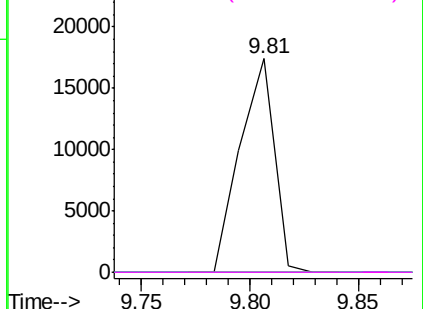


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

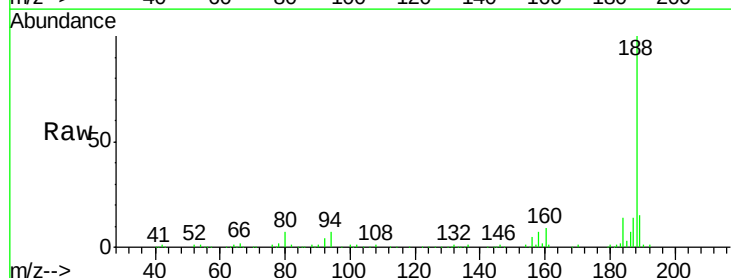
Tgt Ion:188 Resp: 266368

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

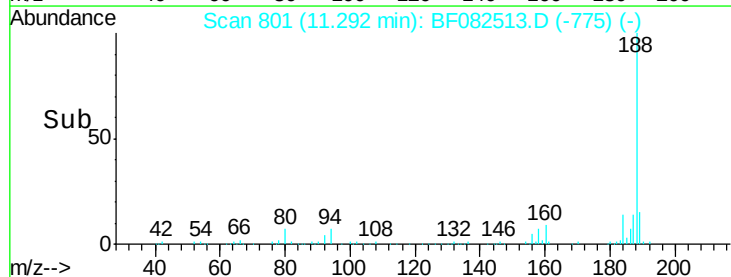
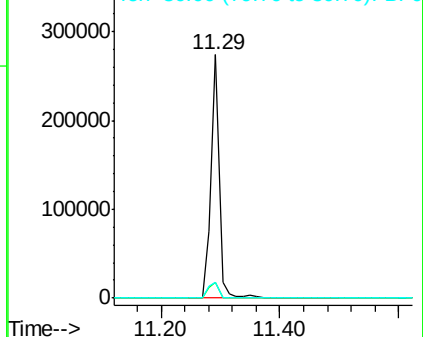
80 6.7 6.4 9.6

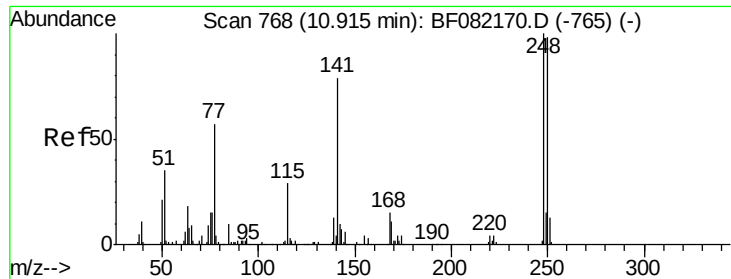


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.75 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

Instrument :

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COFF-01(0-2)

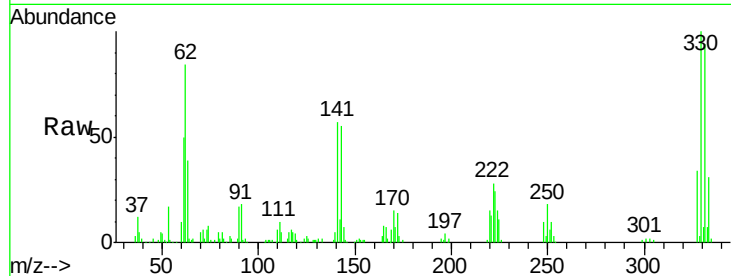
Tgt Ion:248 Resp: 9998

Ion Ratio Lower Upper

248 100

250 185.6 78.6 117.8#

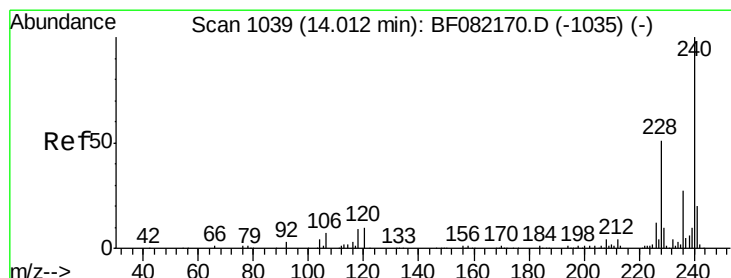
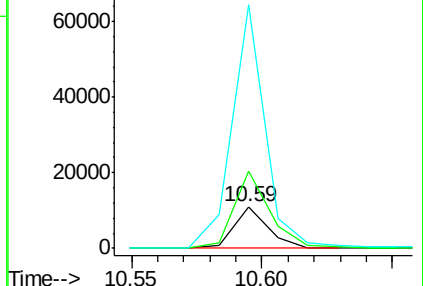
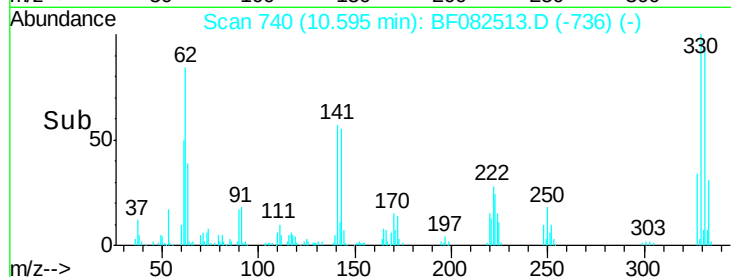
141 587.7 63.3 94.9#



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: 13.96 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF082513.D

Acq: 24 Oct 2015 14:55

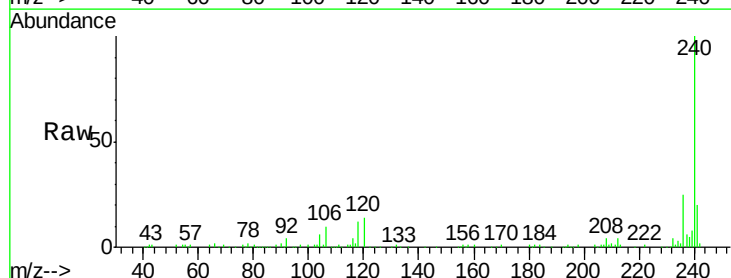
Tgt Ion:240 Resp: 225051

Ion Ratio Lower Upper

240 100

120 13.7 8.1 12.1#

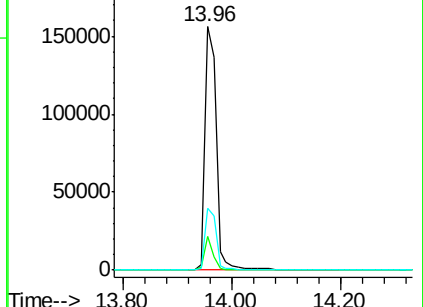
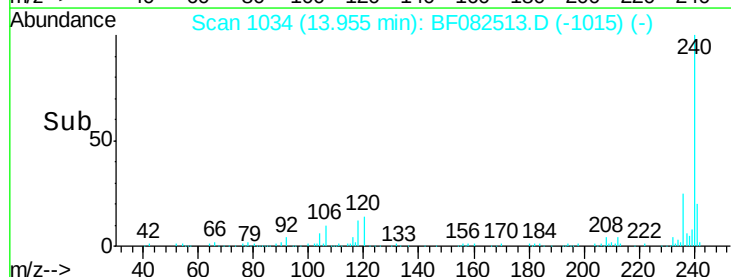
236 25.4 21.3 31.9

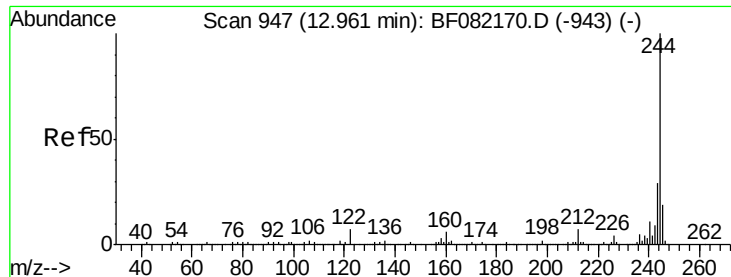


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

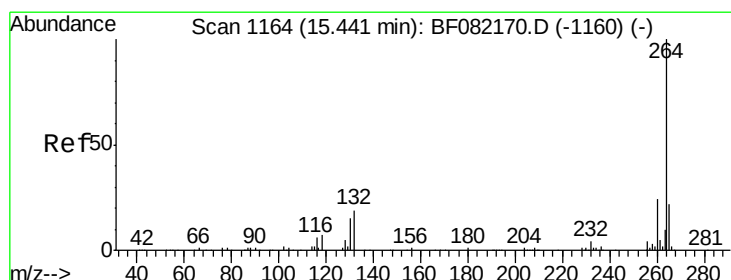
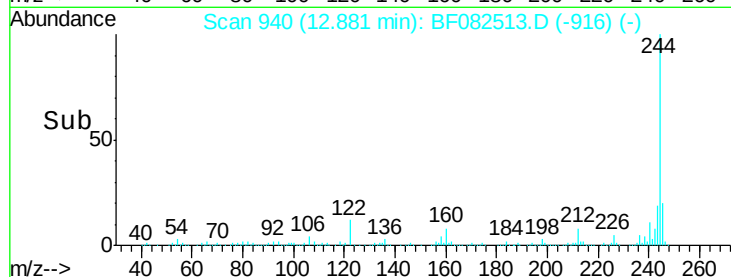
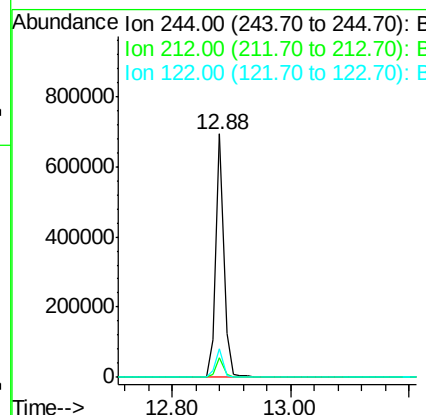
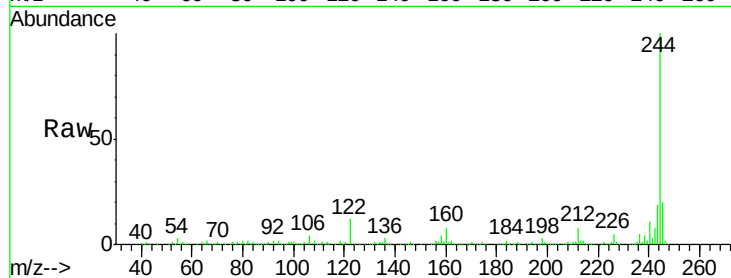




#78
 Terphenyl-d14
 Concen: 77.42 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082513.D
 Acq: 24 Oct 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.6
122	12.0	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. -0.17 min
 Lab File: BF082513.D
 Acq: 24 Oct 2015 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	17.3	25.9

