

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082750.D
 Acq On : 6 Nov 2015 4:03
 Operator : UM/IZ
 Sample : G4282-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW2-10

Quant Time: Nov 06 04:57:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

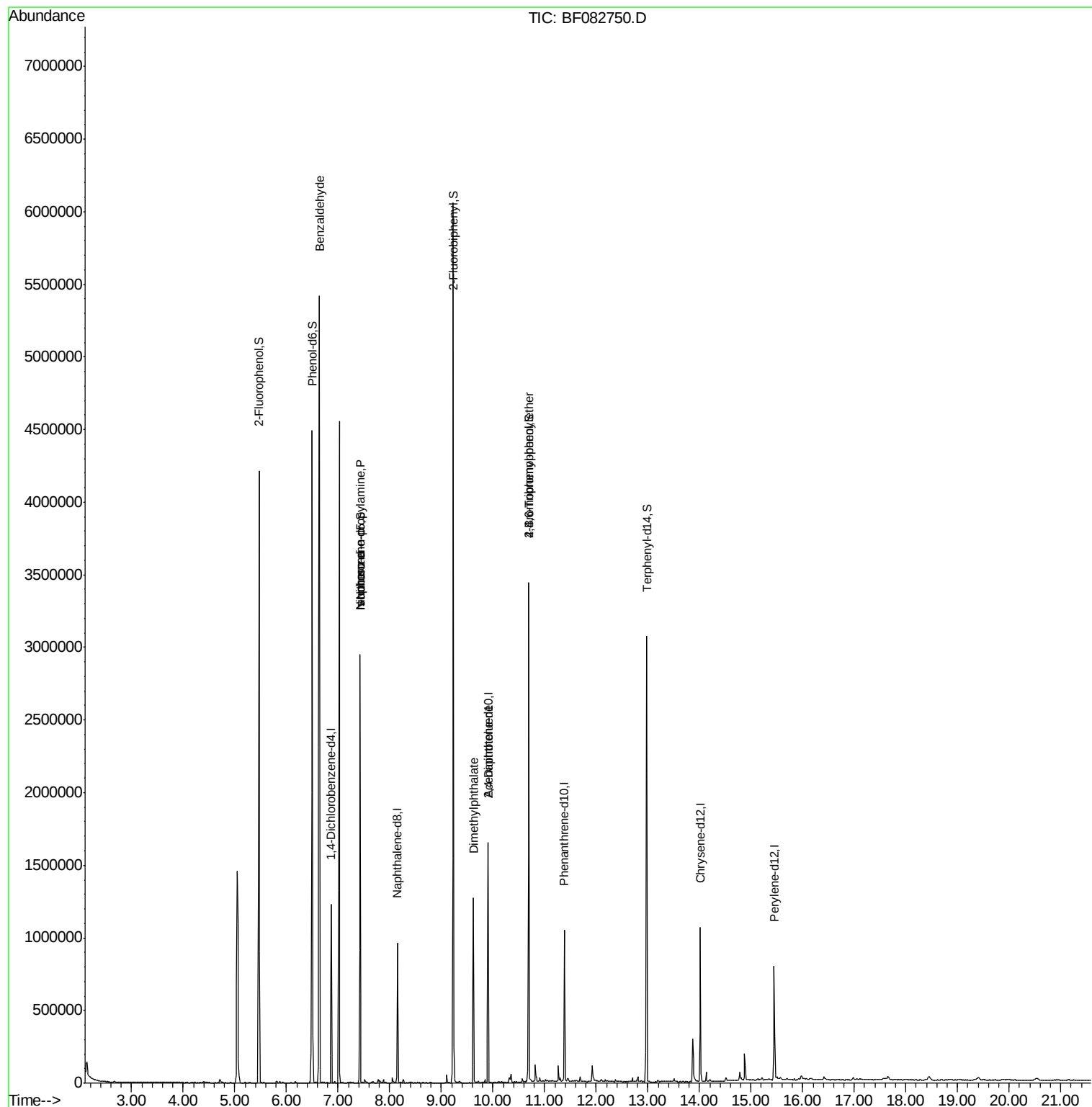
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164027	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	565424	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	313788	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	510701	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	383737	20.00	ng	-0.03
86) Perylene-d12	15.45	264	366493	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1207673	110.89	ng	0.00
7) Phenol-d6	6.50	99	1592800	110.09	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1082573	78.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	422910	123.15	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1703721	77.09	ng	-0.02
78) Terphenyl-d14	12.98	244	1460704	83.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	40919	4.14	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	148940	13.58	ng	# 69
25) Isophorone	7.42	82	857046	33.64	ng	# 70
49) Dimethylphthalate	9.62	163	444645	17.35	ng	98
56) 2,4-Dinitrotoluene	9.90	165	39318	5.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	30419	5.26	ng	# 1

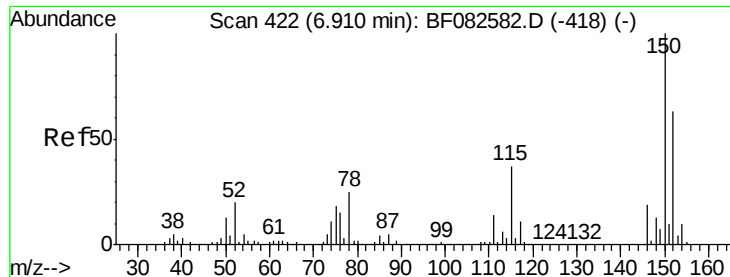
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Instrument :

BNA_F

ClientSampleId :

OCFSW2-10

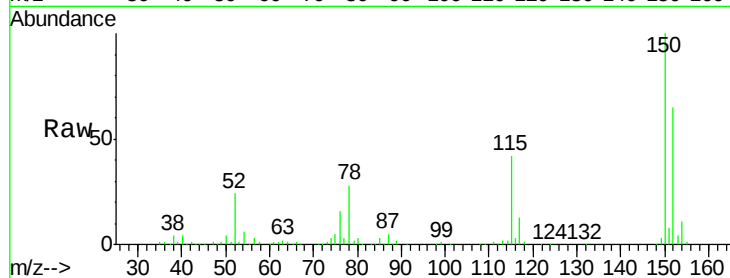
Tgt Ion:152 Resp: 164027

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

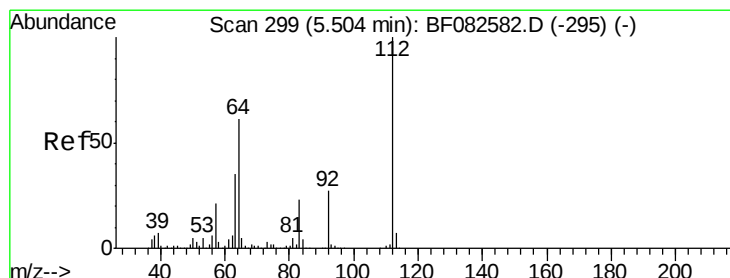
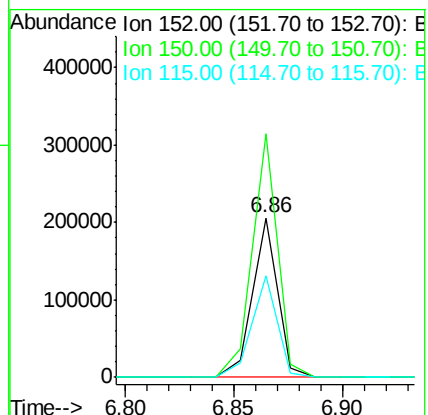
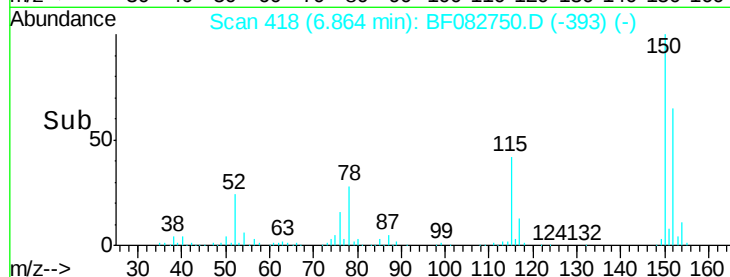
115 63.6 47.0 70.6



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: 110.89 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

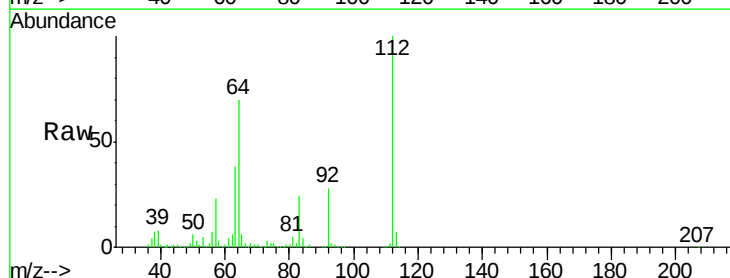
Tgt Ion:112 Resp: 1207673

Ion Ratio Lower Upper

112 100

64 70.3 48.9 73.3

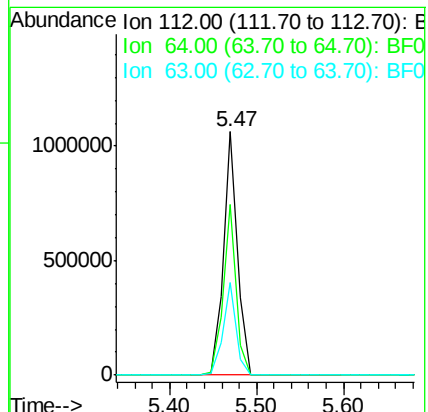
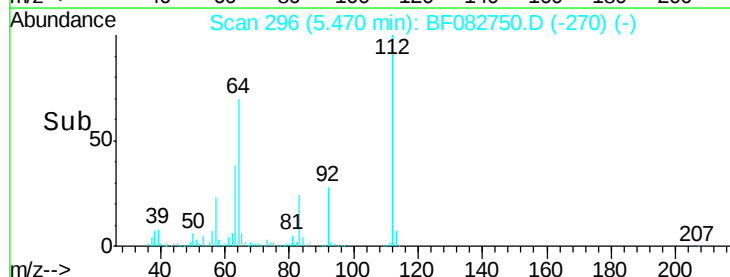
63 37.9 28.1 42.1



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: 110.09 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Instrument :

BNA_F

ClientSampleId :

OCFSW2-10

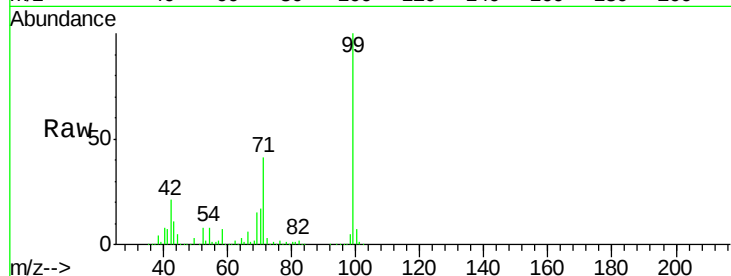
Tgt Ion: 99 Resp: 1592800

Ion Ratio Lower Upper

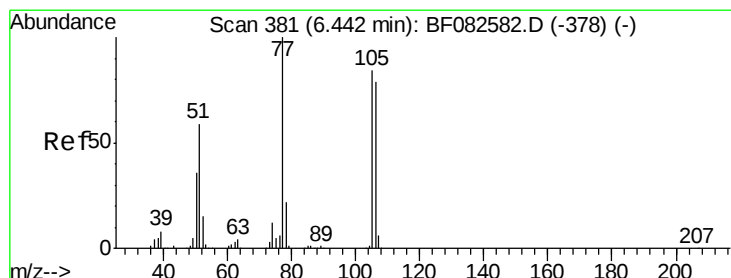
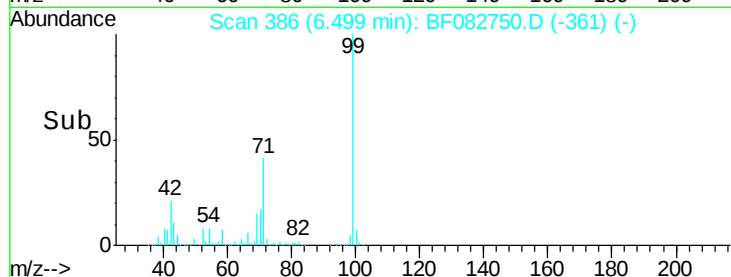
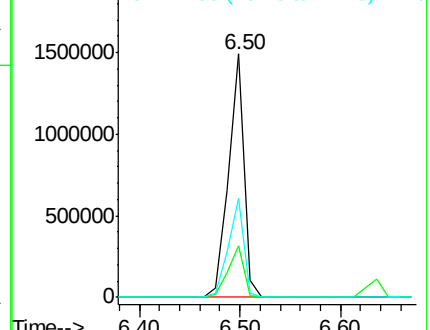
99 100

42 21.3 19.2 28.8

71 40.7 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.14 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

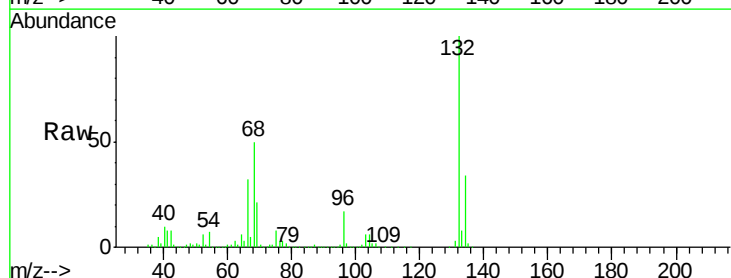
Tgt Ion: 77 Resp: 40919

Ion Ratio Lower Upper

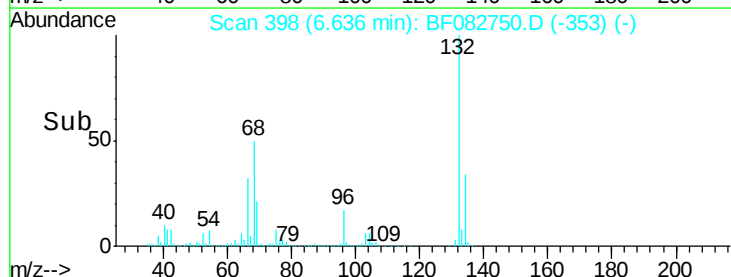
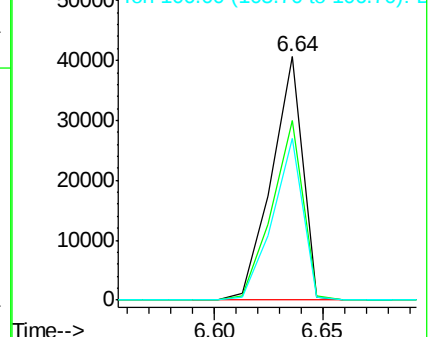
77 100

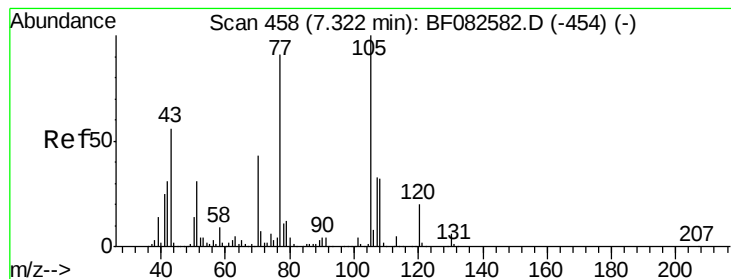
105 74.0 63.5 103.5

106 66.7 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.58 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Instrument :

BNA_F

ClientSampleId :

OCFSW2-10

Tgt Ion: 70 Resp: 148940

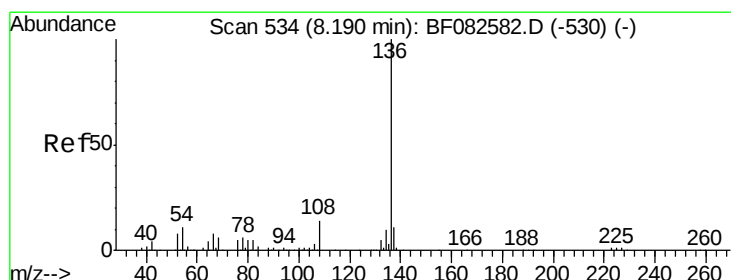
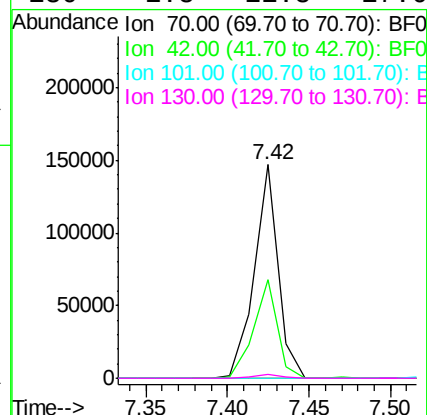
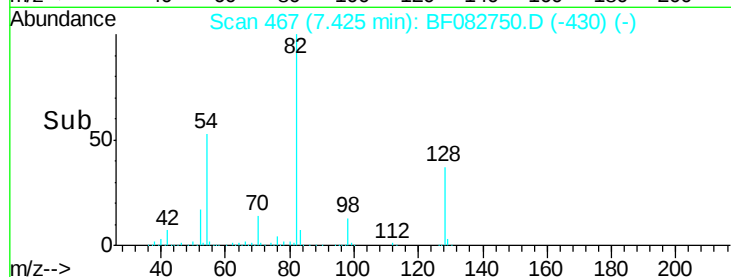
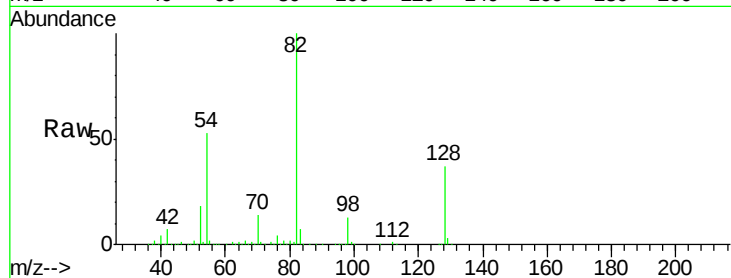
Ion Ratio Lower Upper

70 100

42 46.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Tgt Ion: 136 Resp: 565424

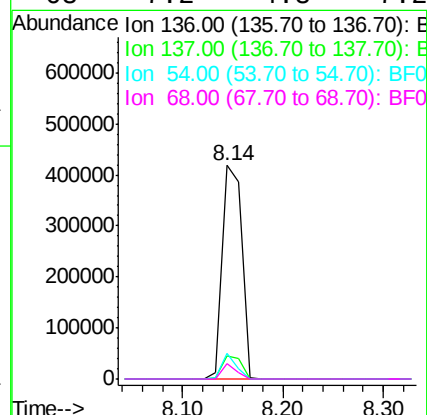
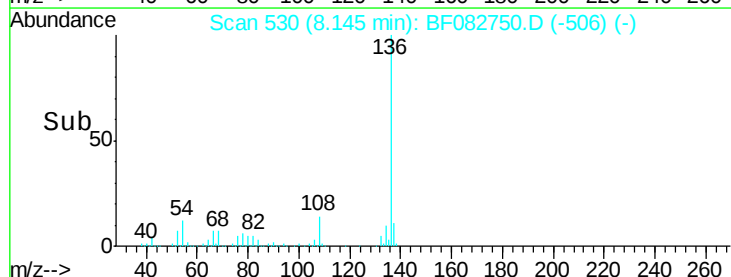
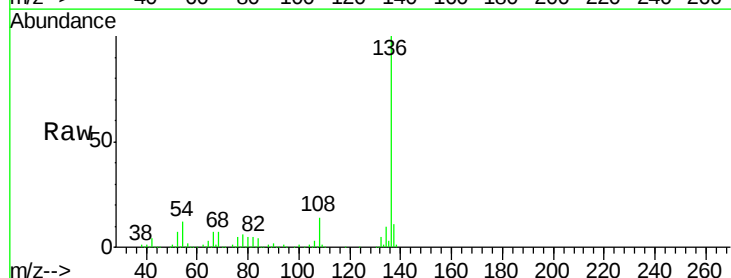
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.8 9.1 13.7

68 7.2 4.8 7.2#

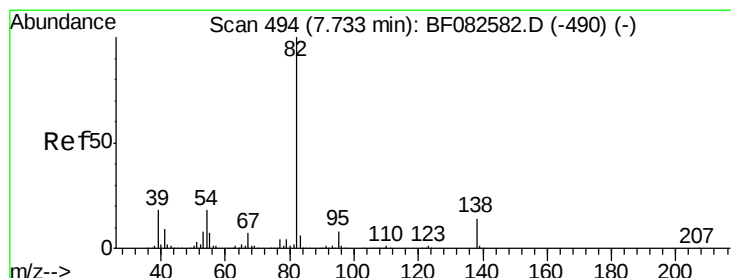
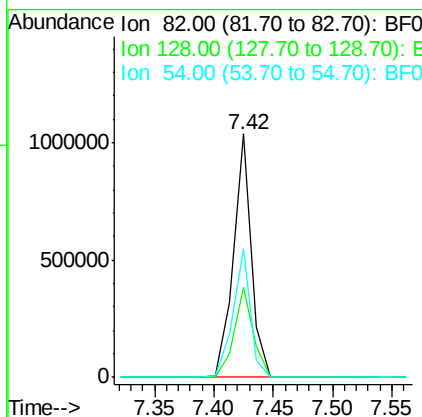
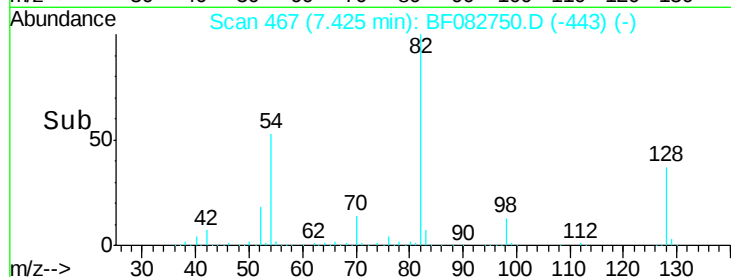
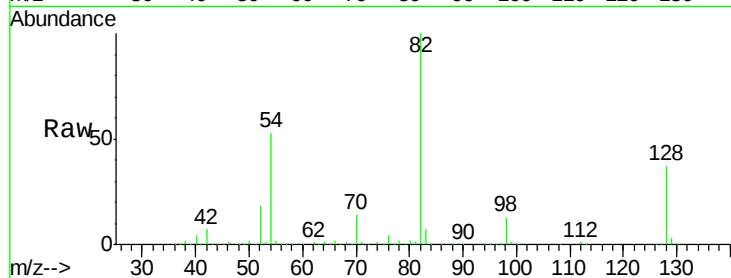




#23
 Nitrobenzene-d5
 Concen: 78.18 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

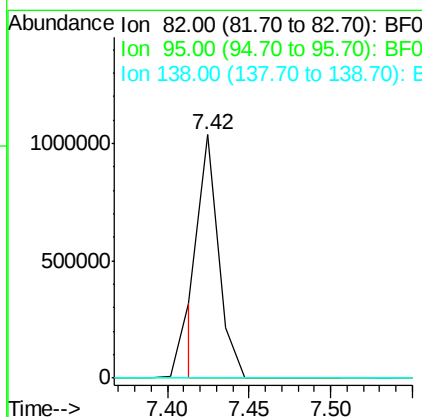
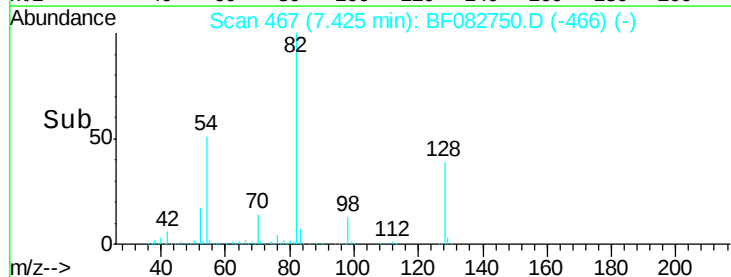
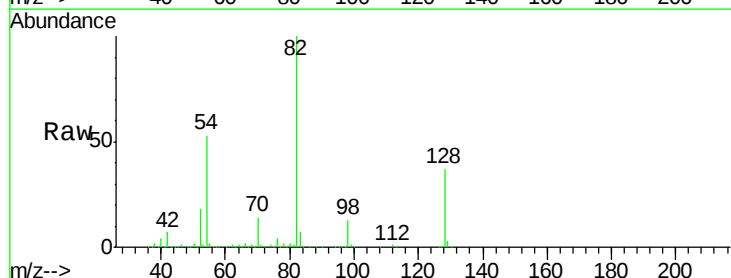
Instrument :
 BNA_F
 ClientSampled :
 OCFSW2-10

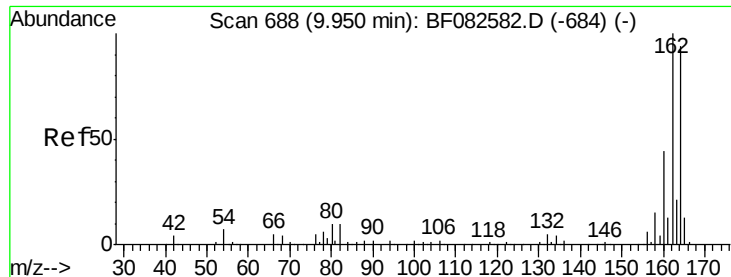
Tgt Ion: 82 Resp: 1082573
 Ion Ratio Lower Upper
 82 100
 128 36.8 26.8 40.2
 54 52.7 45.7 68.5



#25
 Isophorone
 Concen: 33.64 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

Tgt Ion: 82 Resp: 857046
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

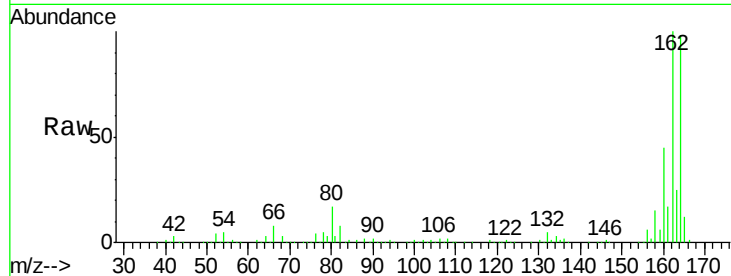




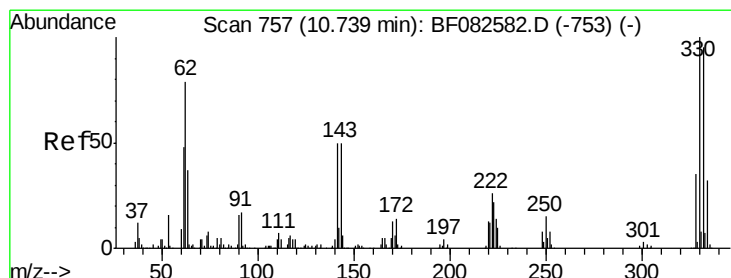
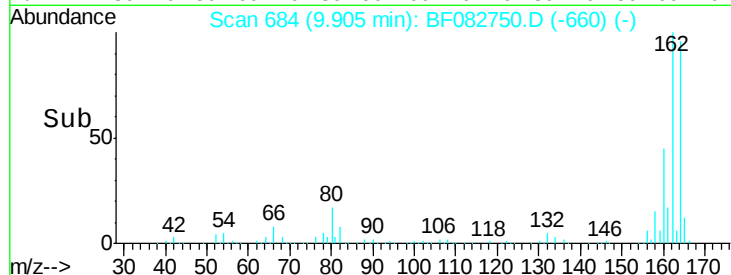
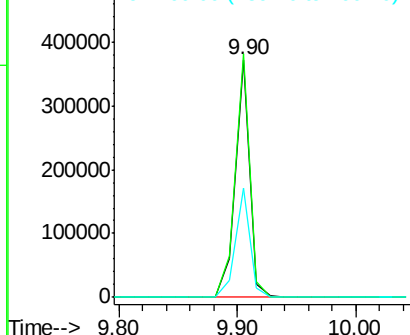
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW2-10

Tgt Ion:164 Resp: 313788
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.9 127.3
 160 45.8 37.5 56.3

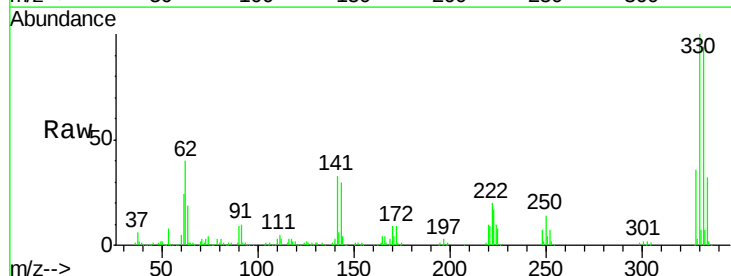


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

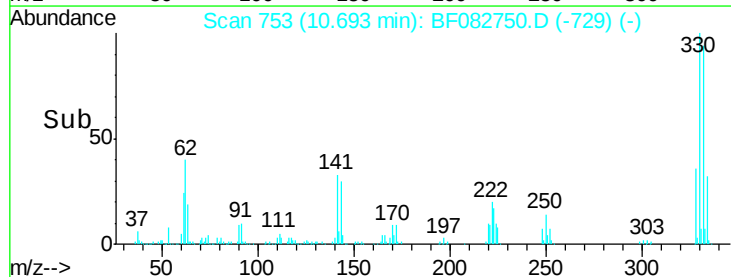
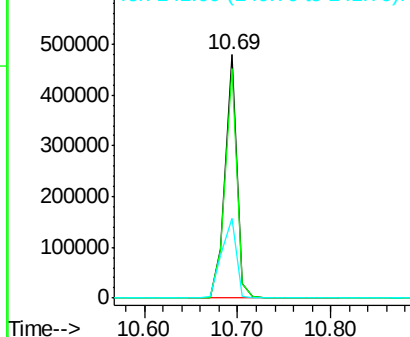


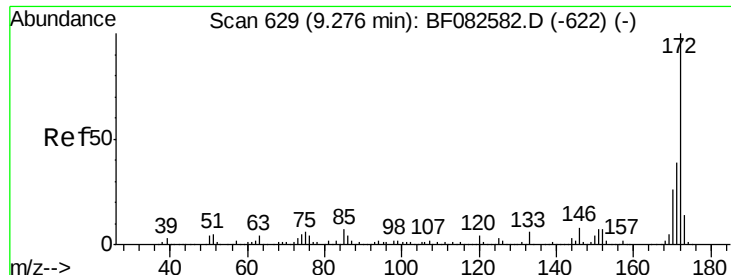
#41
 2,4,6-Tribromophenol
 Concen: 123.15 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

Tgt Ion:330 Resp: 422910
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 40.7 41.2 61.8#



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

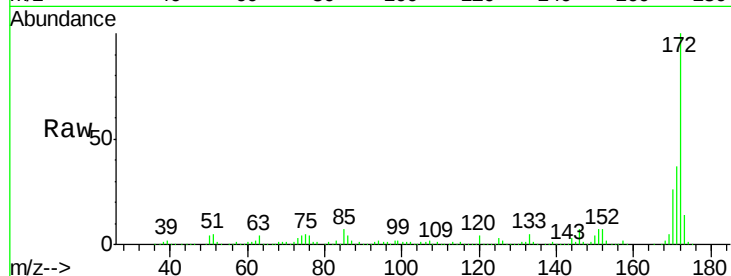




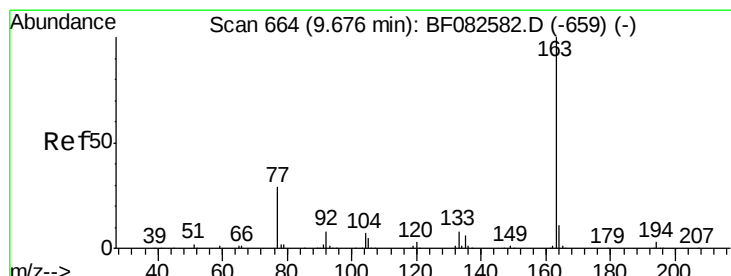
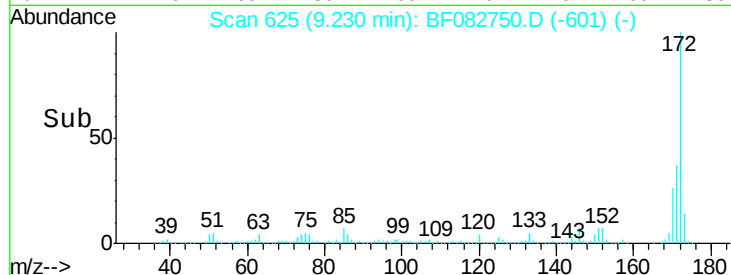
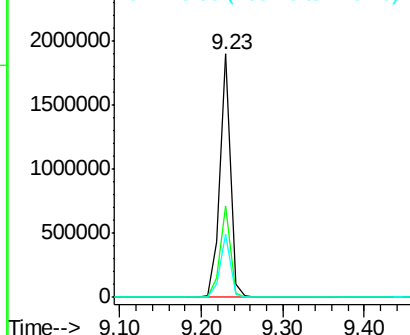
#44
 2-Fluorobiphenyl
 Concen: 77.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW2-10

Tgt Ion:172 Resp: 1703721
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.8 21.2 31.8

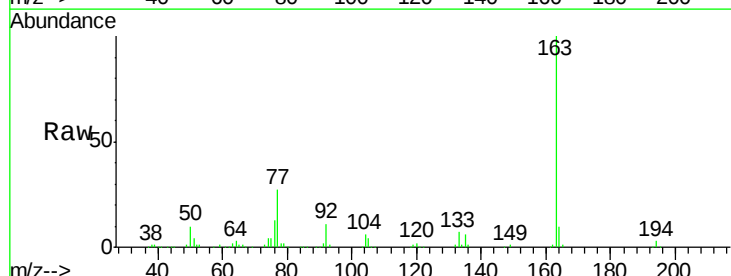


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

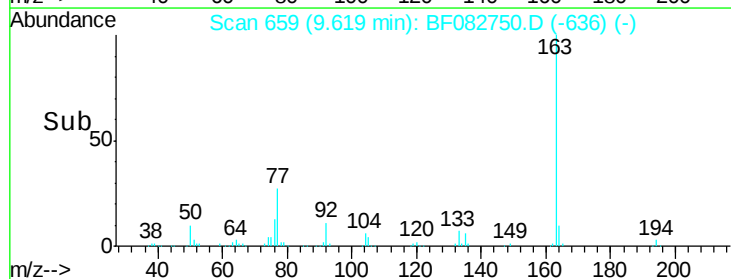
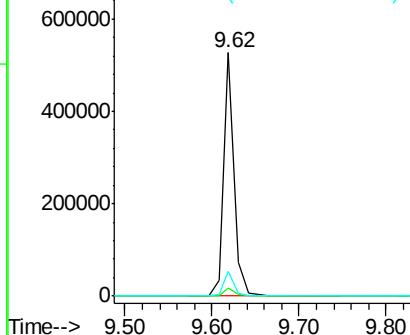


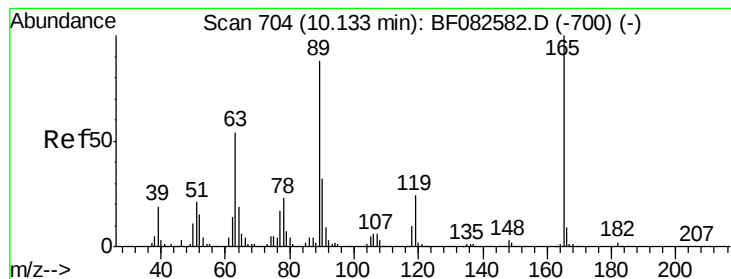
#49
 Dimethylphthalate
 Concen: 17.35 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082750.D
 Acq: 6 Nov 2015 4:03

Tgt Ion:163 Resp: 444645
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.0 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





#56

2,4-Dinitrotoluene

Concen: 5.47 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Instrument :

BNA_F

ClientSampleId :

OCFSW2-10

Tgt Ion:165 Resp: 39318

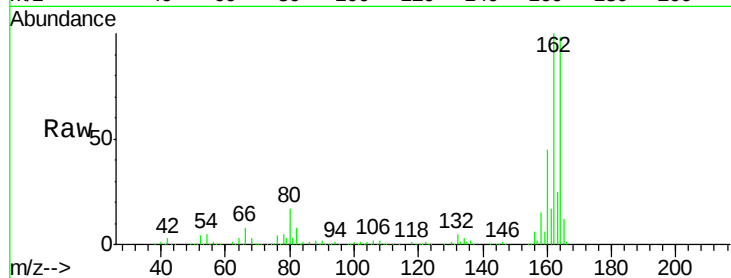
Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

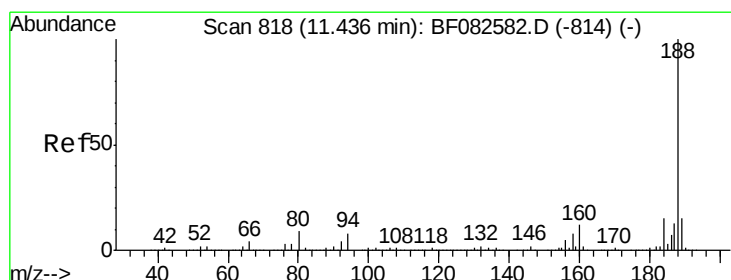
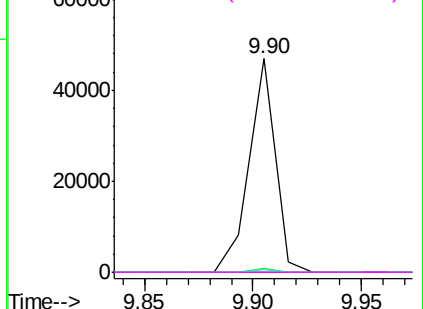
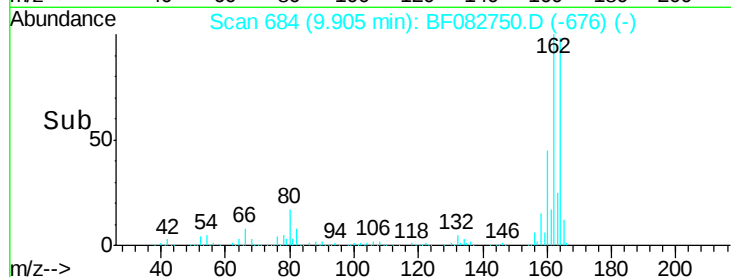


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

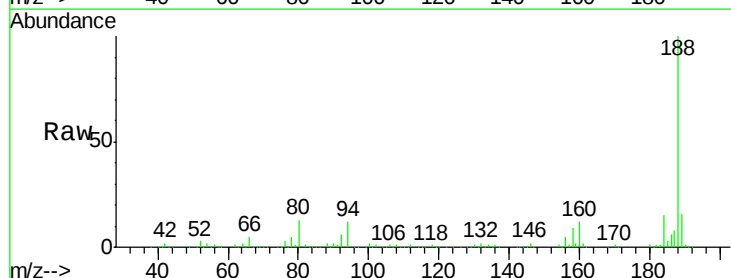
Tgt Ion:188 Resp: 510701

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

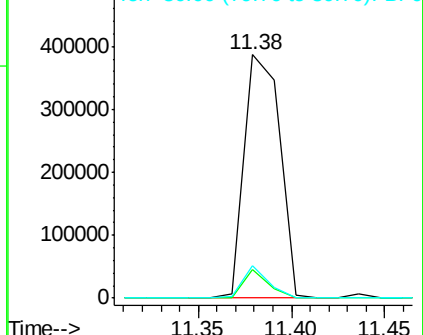
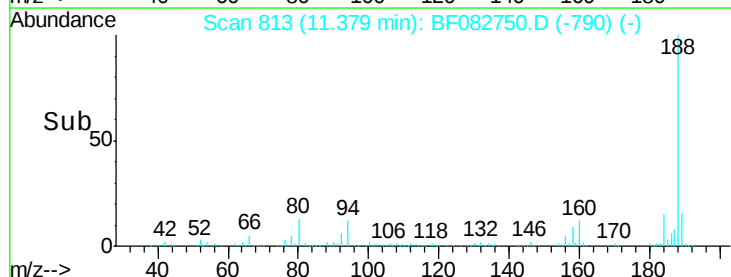
80 13.3 7.0 10.6#

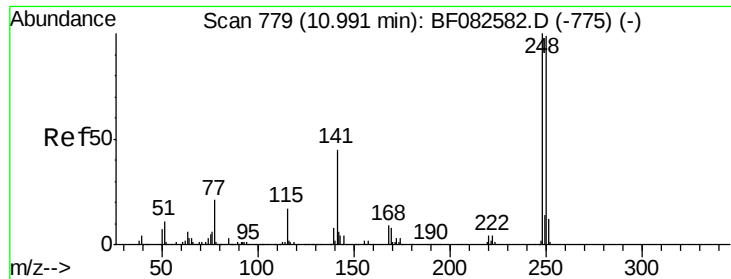


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

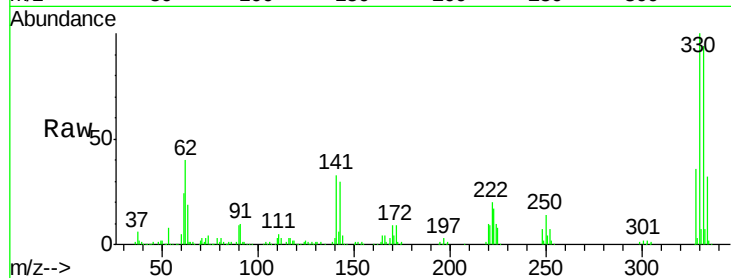




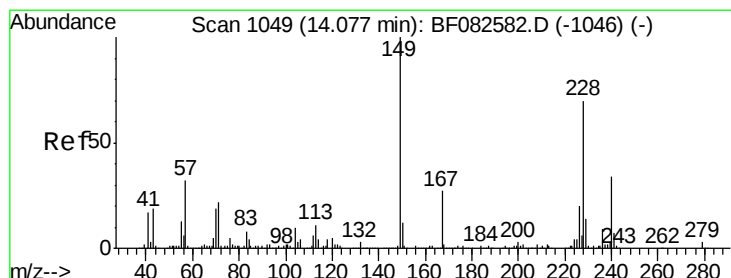
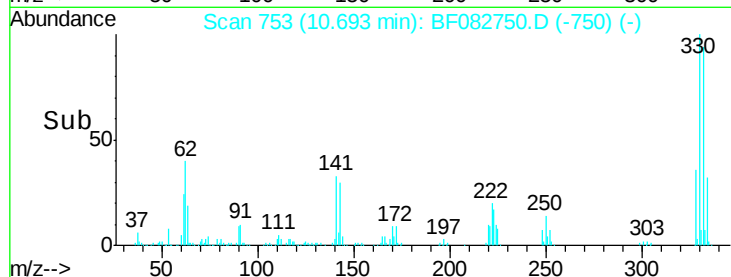
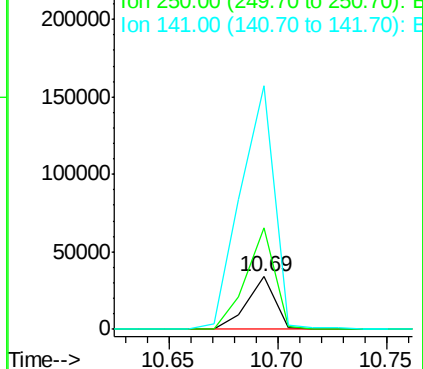
#66
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082750.D
Acq: 6 Nov 2015 4:03

Instrument :
BNA_F
ClientSampleId :
OCFSW2-10

Tgt Ion:248 Resp: 30419
Ion Ratio Lower Upper
248 100
250 194.2 79.4 119.2#
141 463.9 36.3 54.5#

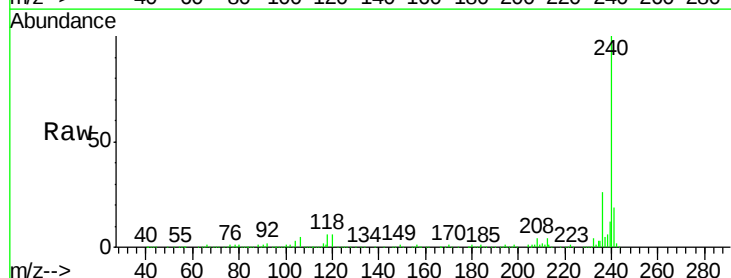


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

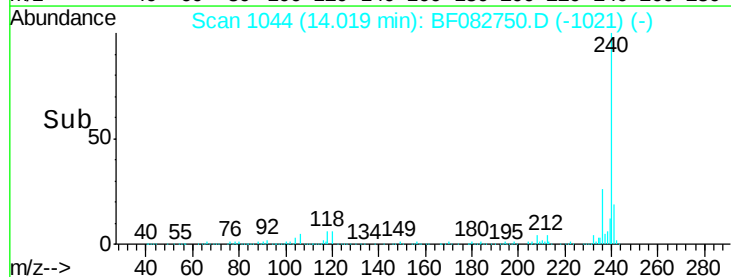
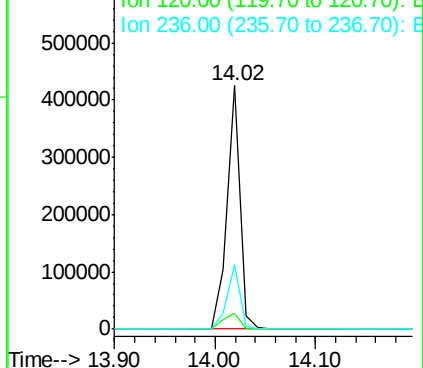


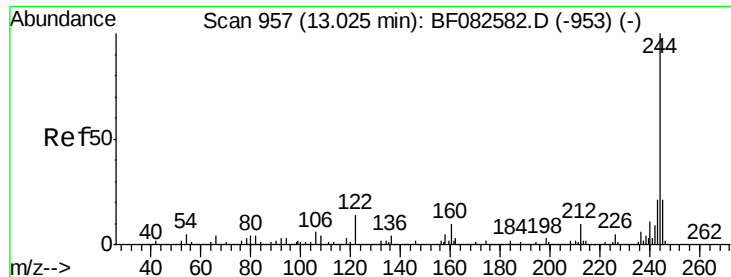
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082750.D
Acq: 6 Nov 2015 4:03

Tgt Ion:240 Resp: 383737
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 26.4 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: 83.30 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Instrument :

BNA_F

ClientSampleId :

OCFSW2-10

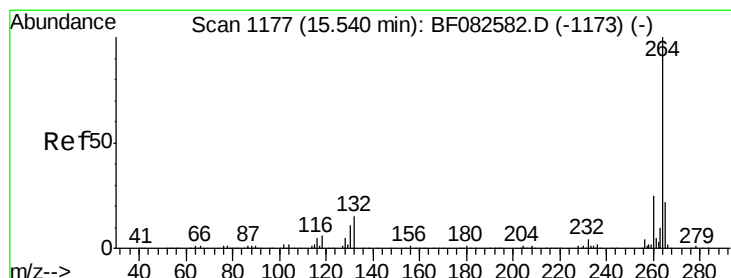
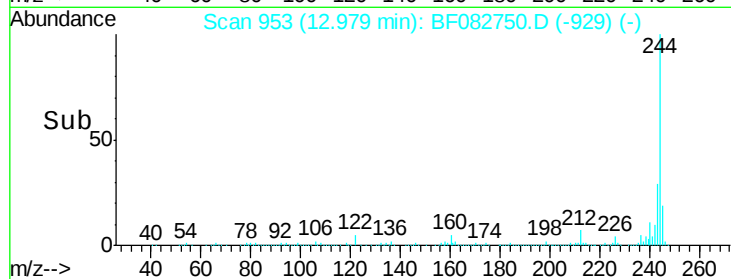
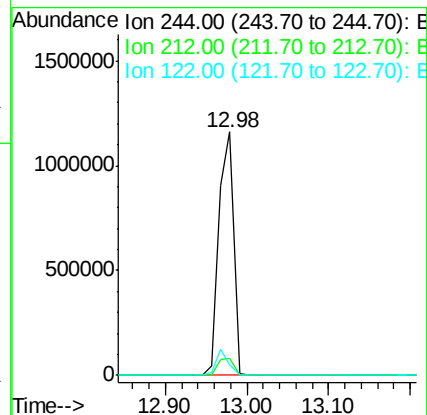
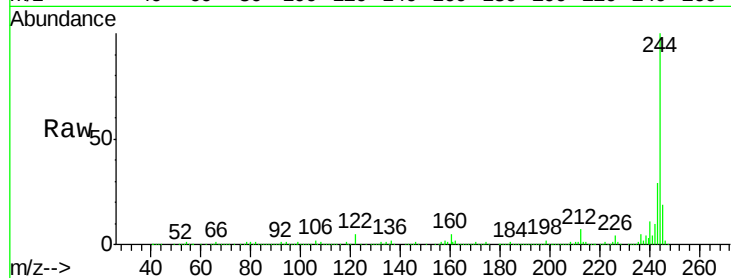
Tgt Ion:244 Resp: 1460704

Ion Ratio Lower Upper

244 100

212 6.9 7.6 11.4#

122 4.6 11.3 16.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF082750.D

Acq: 6 Nov 2015 4:03

Tgt Ion:264 Resp: 366493

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.7 17.4 26.0

