

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080778.D
 Acq On : 1 Aug 2015 13:50
 Operator : TP/UM
 Sample : G3128-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-2(0-2)

Quant Time: Aug 03 01:05:59 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

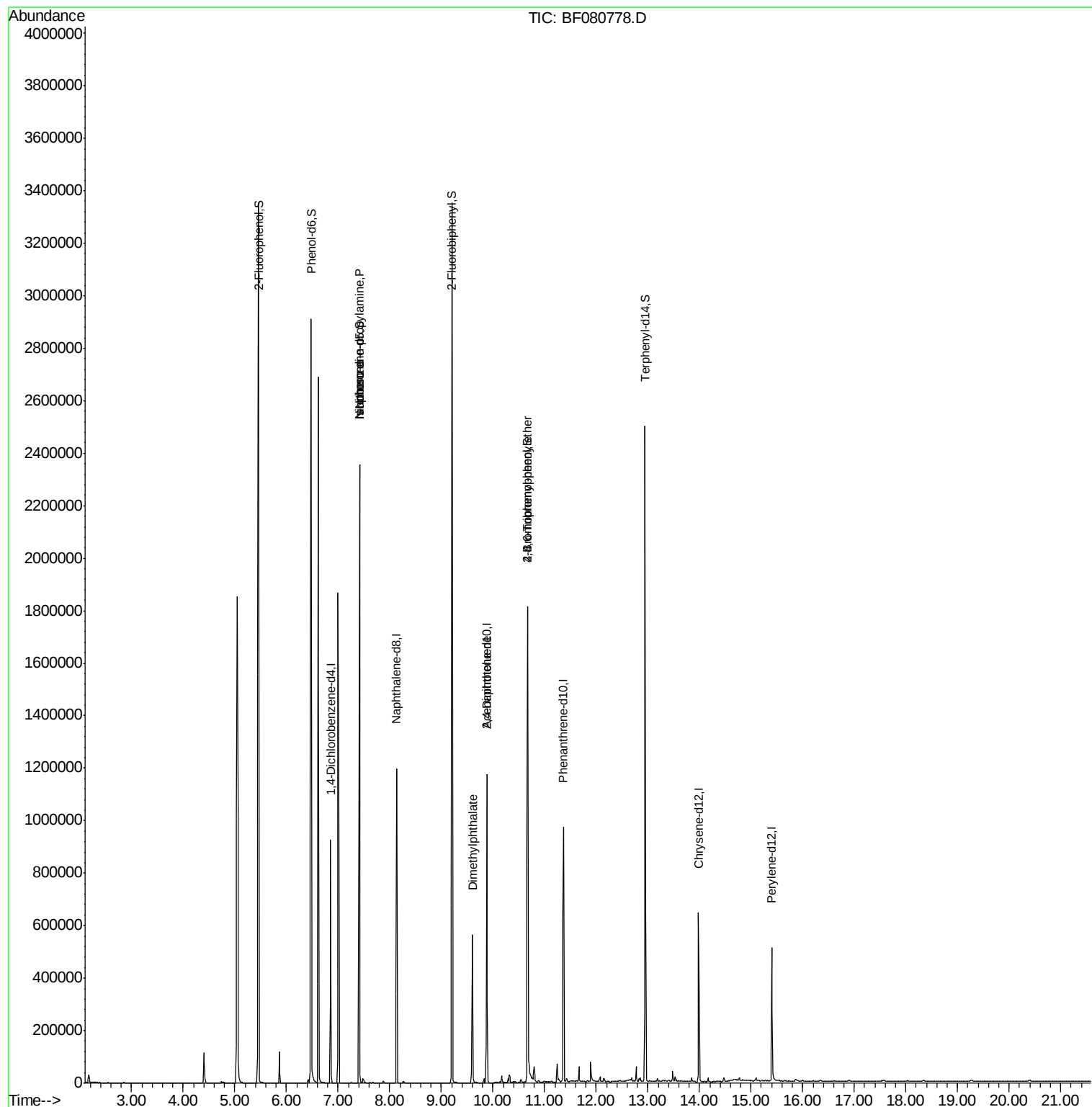
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131252	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	499227	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	232528	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	442832	20.00	ng	0.00
75) Chrysene-d12	13.99	240	264982	20.00	ng	-0.01
86) Perylene-d12	15.40	264	260340	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	813851	106.37	ng	0.01
7) Phenol-d6	6.48	99	976612	93.76	ng	-0.01
23) Nitrobenzene-d5	7.41	82	773188	75.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	265572	110.07	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1022481	65.60	ng	-0.01
78) Terphenyl-d14	12.95	244	769398	54.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1638	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	108959	15.53 ng	#	73
25) Isophorone	7.41	82	755349	41.20 ng	#	71
49) Dimethylphthalate	9.61	163	330539	20.17 ng		97
56) 2,4-Dinitrotoluene	9.88	165	28648	6.28 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	15850	3.47 ng	#	1

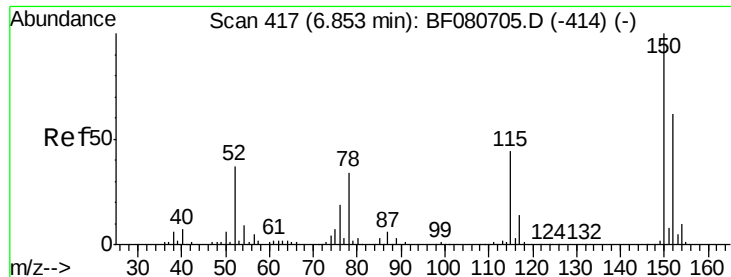
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_F
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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: BF080778.D

Acq: 1 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-2(0-2)

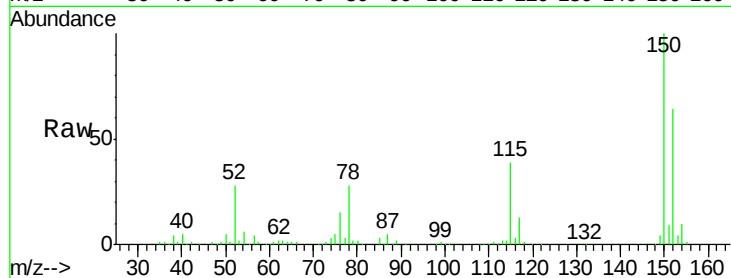
Tgt Ion:152 Resp: 131252

Ion Ratio Lower Upper

152 100

150 155.8 129.6 194.4

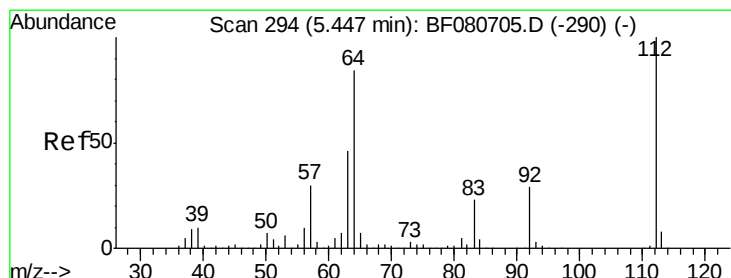
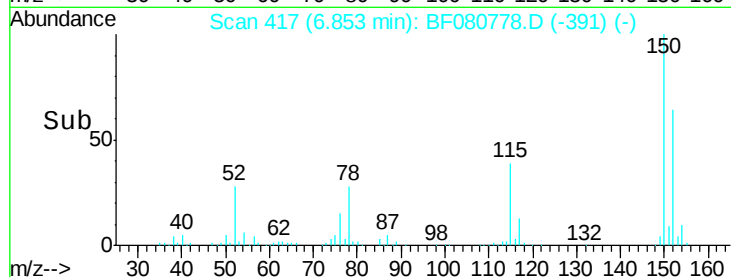
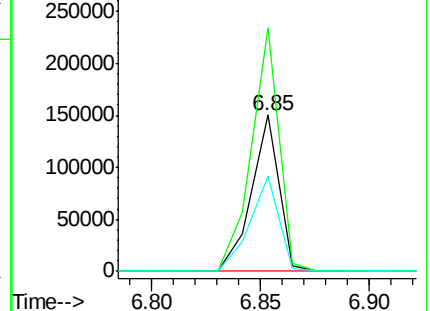
115 61.0 56.6 85.0



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: 106.37 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

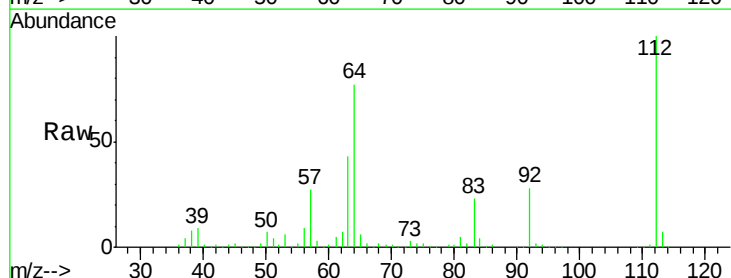
Tgt Ion:112 Resp: 813851

Ion Ratio Lower Upper

112 100

64 76.7 66.8 100.2

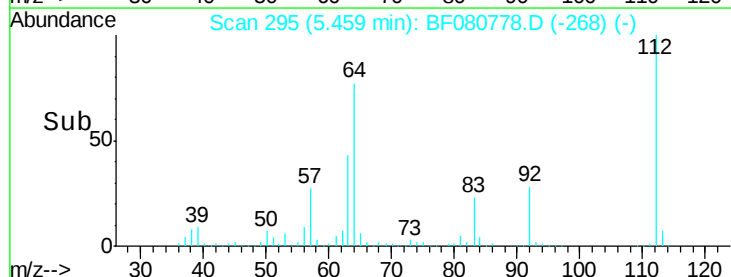
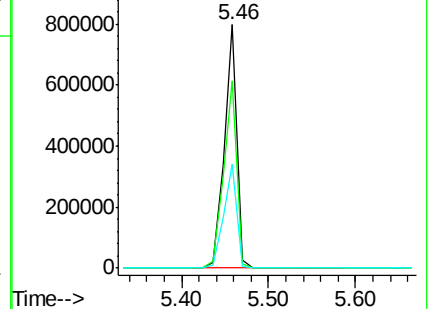
63 42.8 36.7 55.1

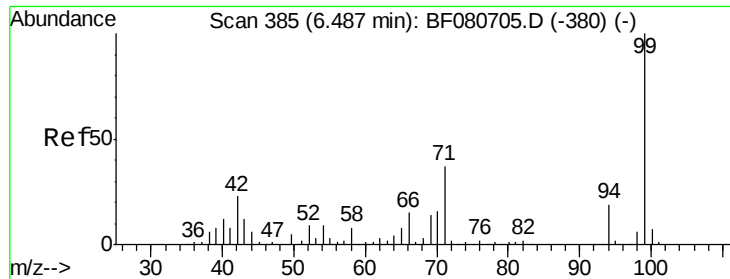


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.76 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-2(0-2)

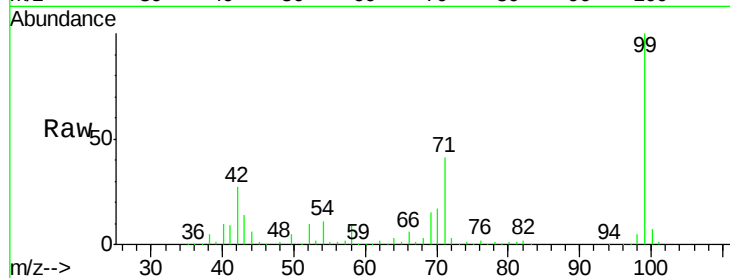
Tgt Ion: 99 Resp: 976612

Ion Ratio Lower Upper

99 100

42 27.2 18.2 27.2

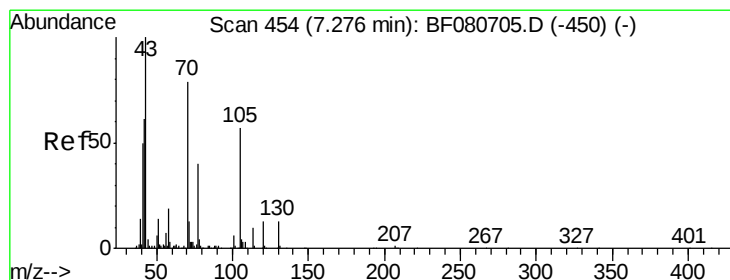
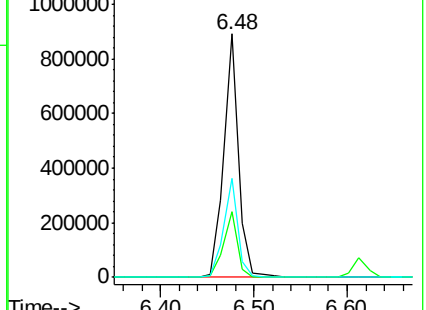
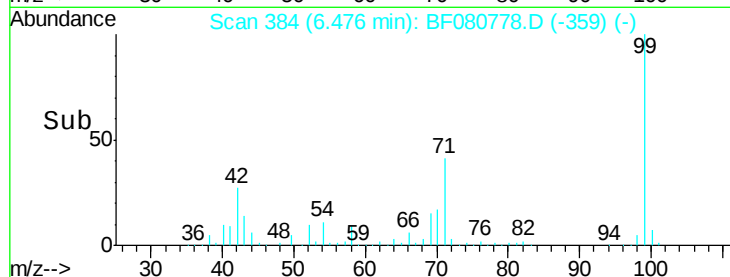
71 40.9 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.53 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

Tgt Ion: 70 Resp: 108959

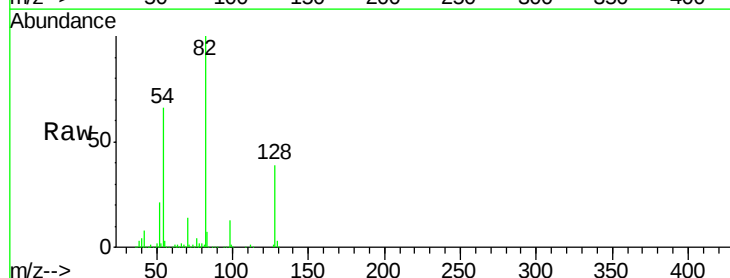
Ion Ratio Lower Upper

70 100

42 54.5 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

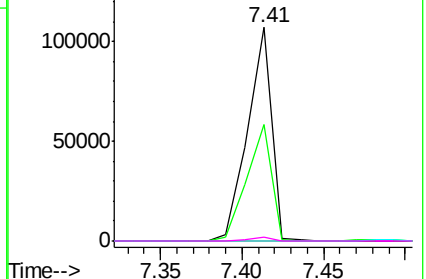
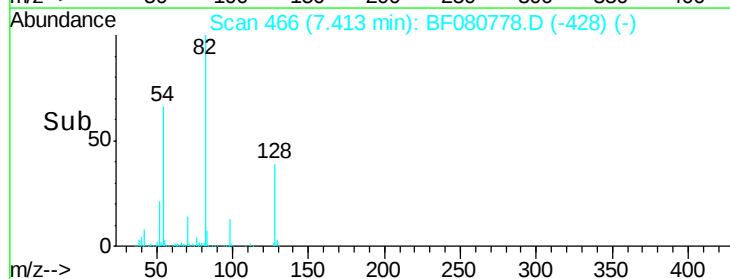


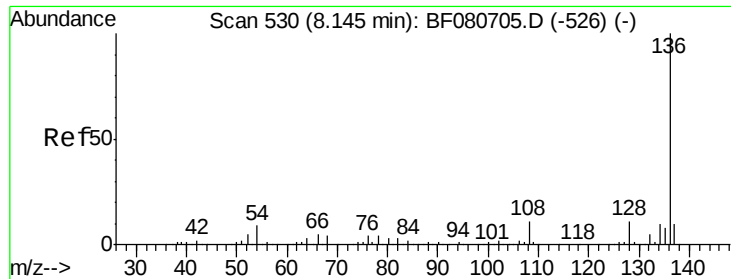
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

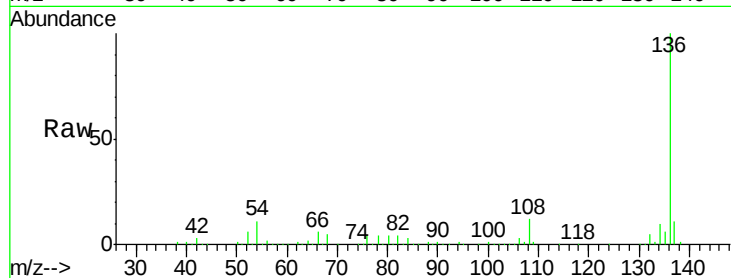




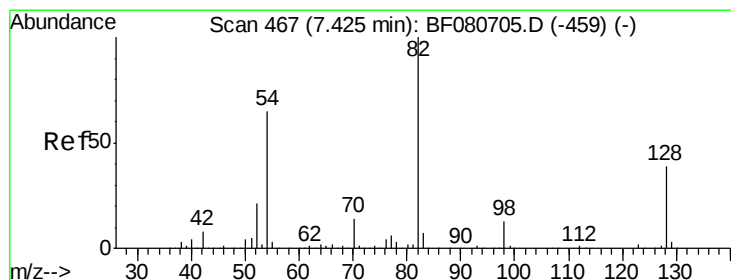
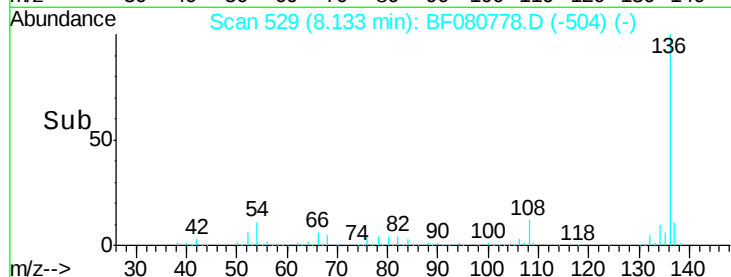
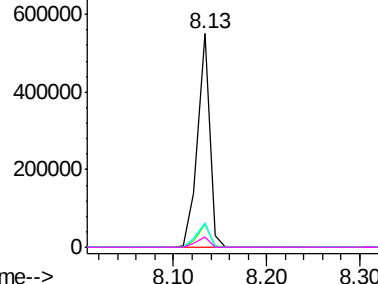
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080778.D
Acq: 1 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-2(0-2)

Tgt Ion:	136	Resp:	499227
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.2	6.9	10.3#
68	5.1	3.5	5.3

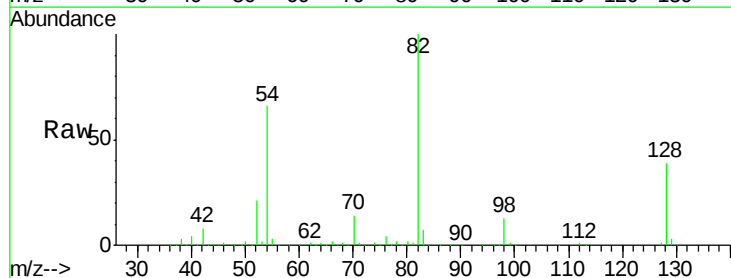


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

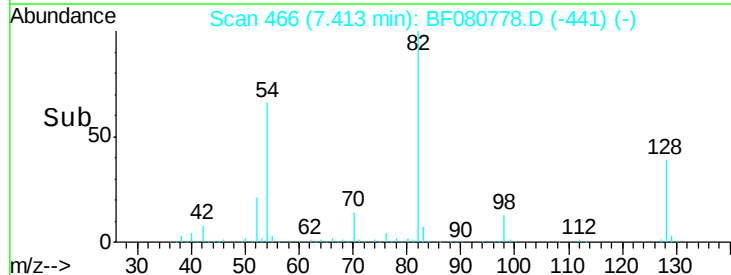
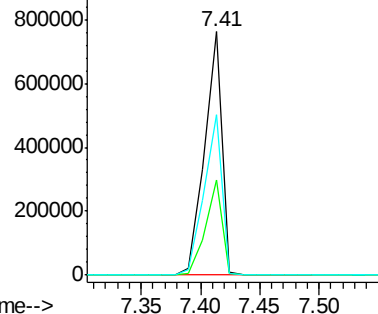


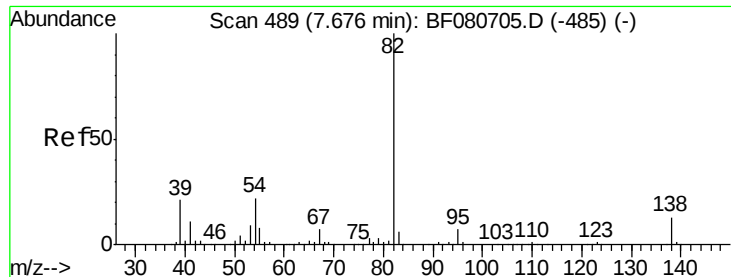
#23
Nitrobenzene-d5
Concen: 75.00 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080778.D
Acq: 1 Aug 2015 13:50

Tgt Ion:	82	Resp:	773188
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.5	47.3
54	65.7	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: 41.20 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-2(0-2)

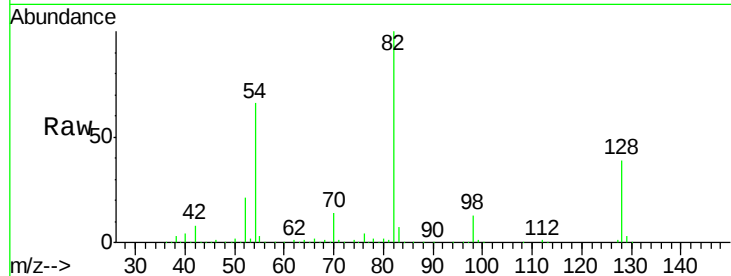
Tgt Ion: 82 Resp: 755349

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

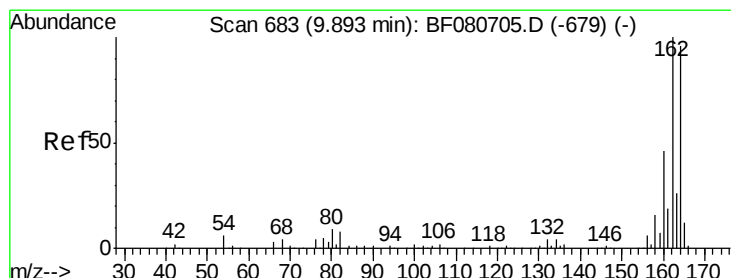
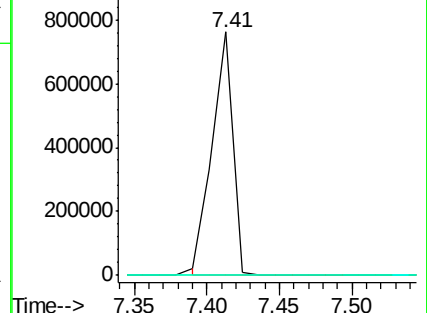
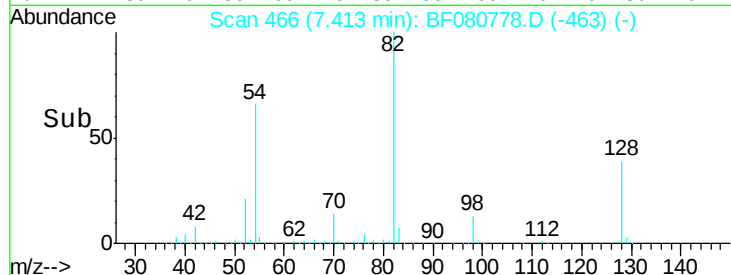
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): 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: BF080778.D

Acq: 1 Aug 2015 13:50

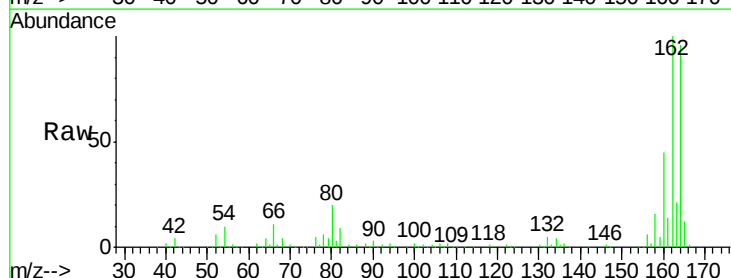
Tgt Ion: 164 Resp: 232528

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

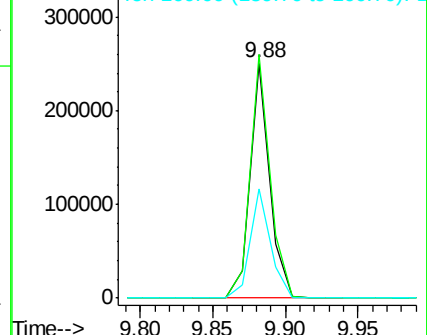
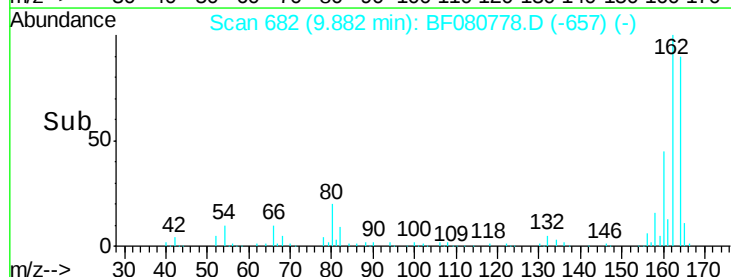
160 46.5 38.0 57.0

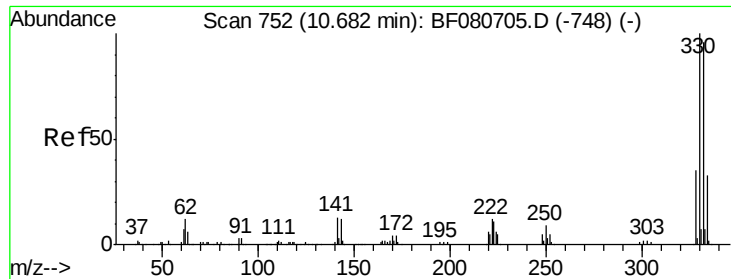


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

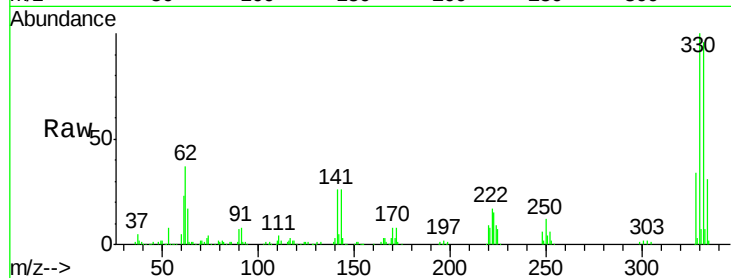




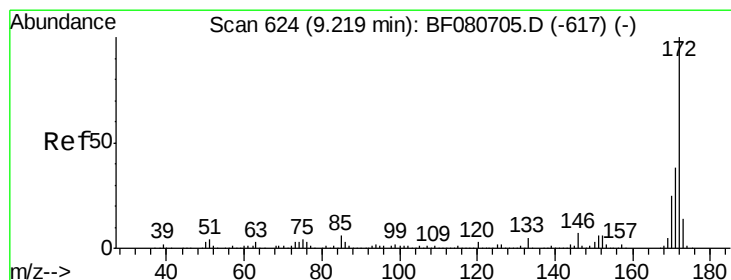
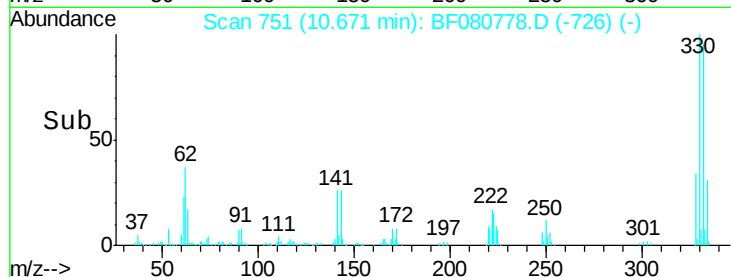
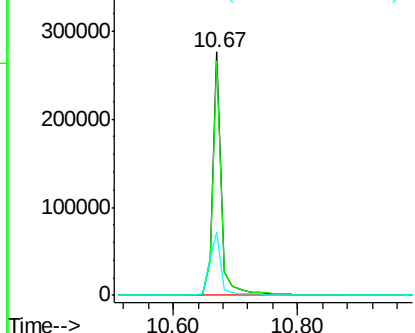
#41
 2,4,6-Tribromophenol
 Concen: 110.07 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080778.D
 Acq: 1 Aug 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-2(0-2)

Tgt Ion:330 Resp: 265572
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.8 26.0 39.0

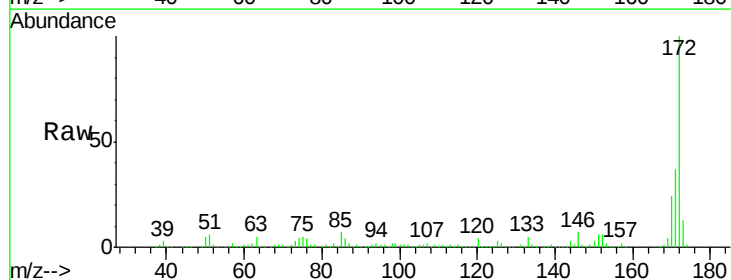


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

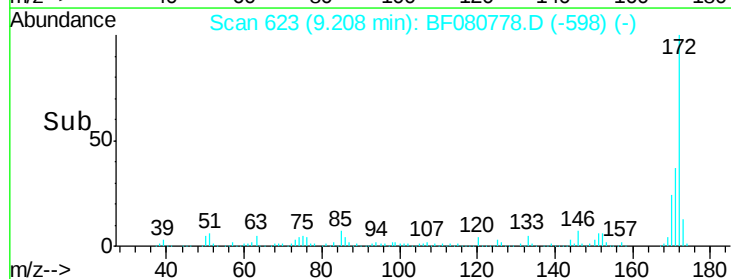
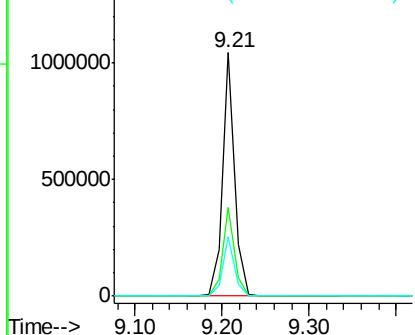


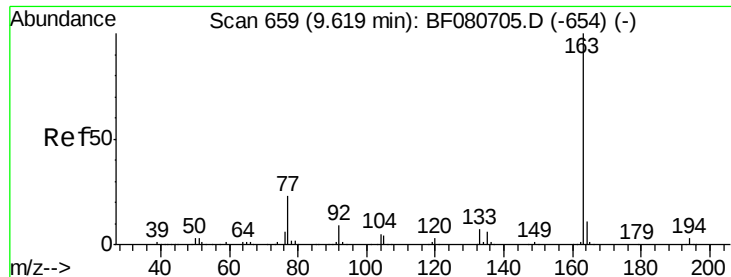
#44
 2-Fluorobiphenyl
 Concen: 65.60 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080778.D
 Acq: 1 Aug 2015 13:50

Tgt Ion:172 Resp: 1022481
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.2 45.4
 170 24.4 20.2 30.2



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

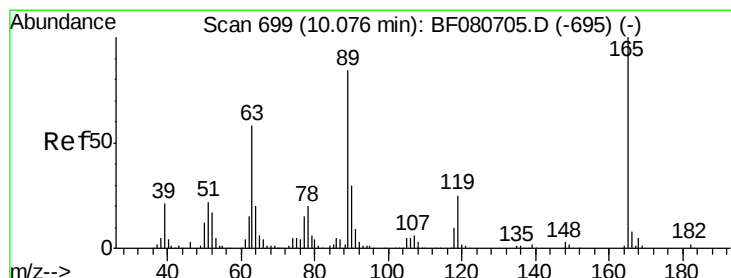
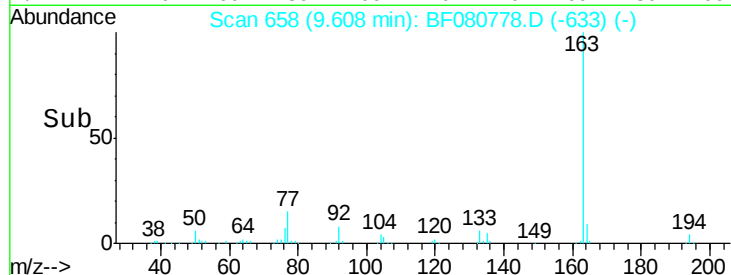
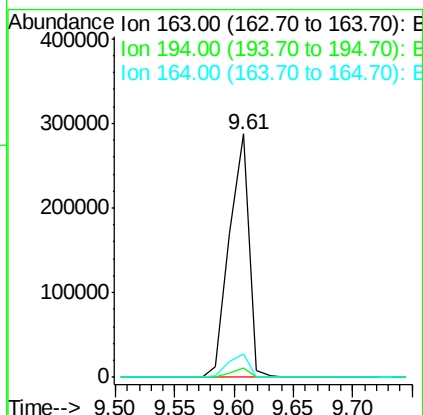
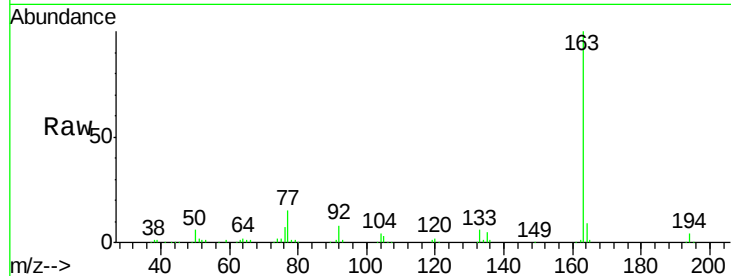




#49
Dimethylphthalate
Concen: 20.17 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080778.D
Acq: 1 Aug 2015 13:50

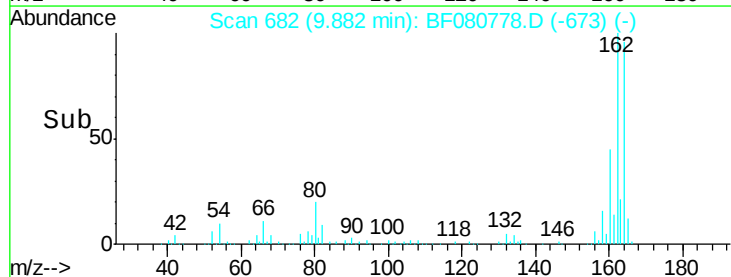
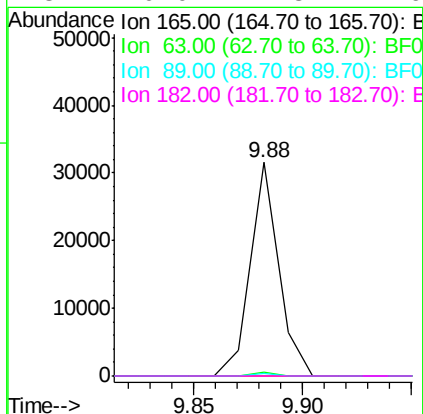
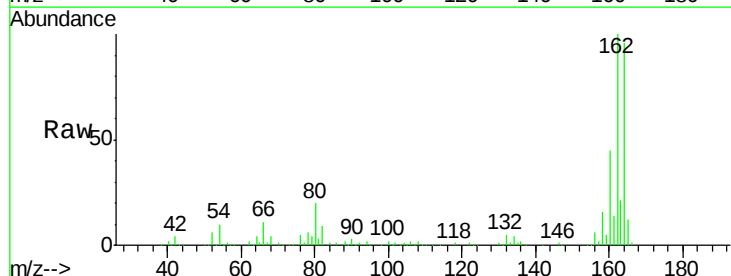
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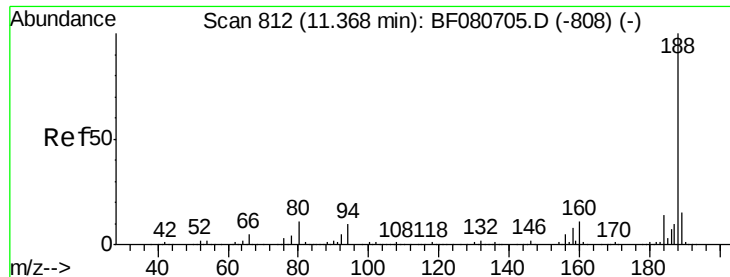
Tgt Ion:163 Resp: 330539
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080778.D
Acq: 1 Aug 2015 13:50

Tgt Ion:165 Resp: 28648
Ion Ratio Lower Upper
165 100
63 1.7 46.7 70.1#
89 1.4 67.4 101.2#
182 0.0 1.8 2.6#

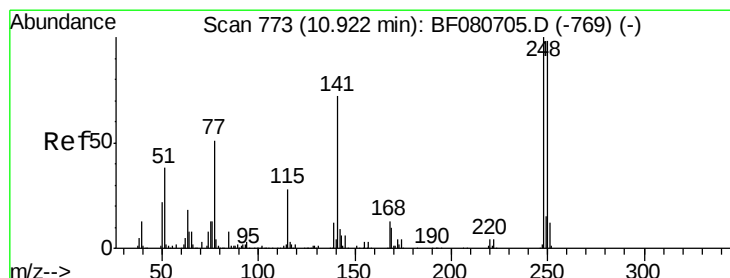
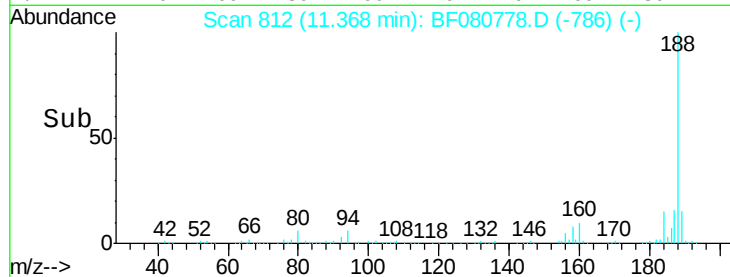
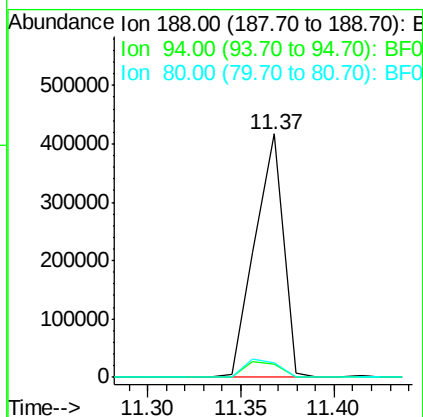
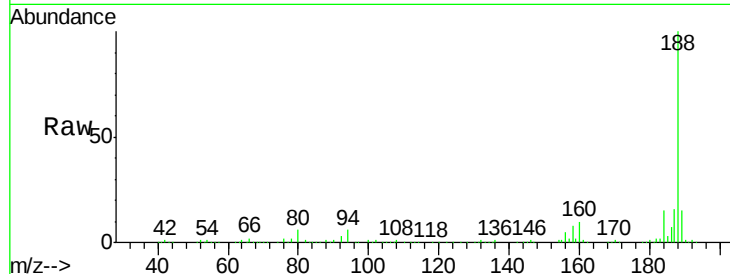




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080778.D
 Acq: 1 Aug 2015 13:50

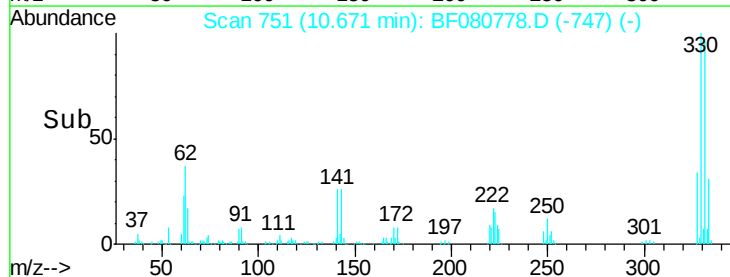
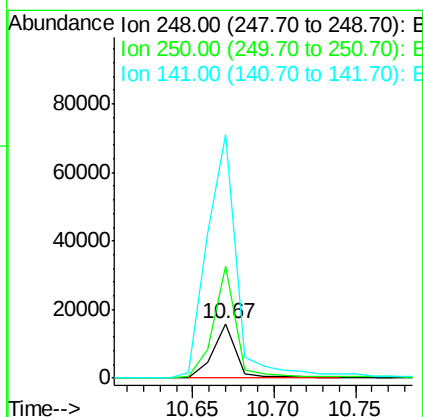
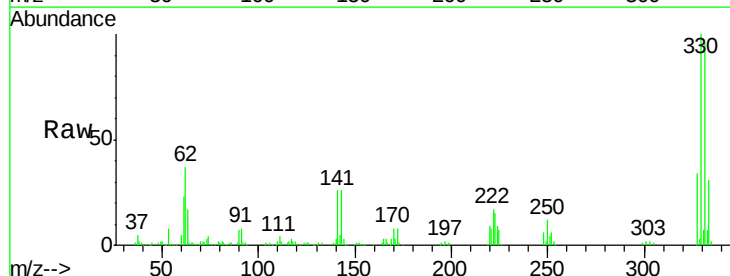
Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-2(0-2)

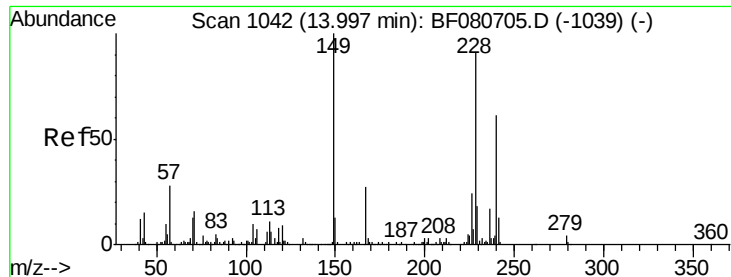
Tgt Ion:188 Resp: 442832
 Ion Ratio Lower Upper
 188 100
 94 5.7 8.1 12.1#
 80 5.8 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080778.D
 Acq: 1 Aug 2015 13:50

Tgt Ion:248 Resp: 15850
 Ion Ratio Lower Upper
 248 100
 250 205.3 78.4 117.6#
 141 447.3 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-2(0-2)

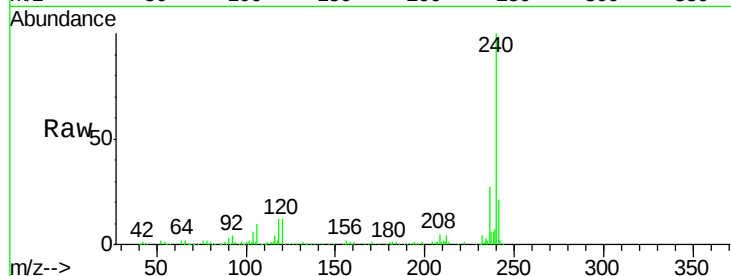
Tgt Ion:240 Resp: 264982

Ion Ratio Lower Upper

240 100

120 12.4 11.8 17.8

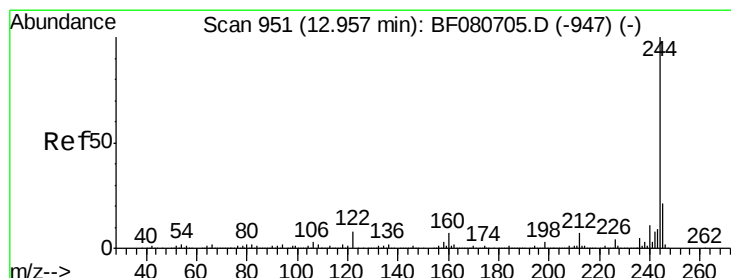
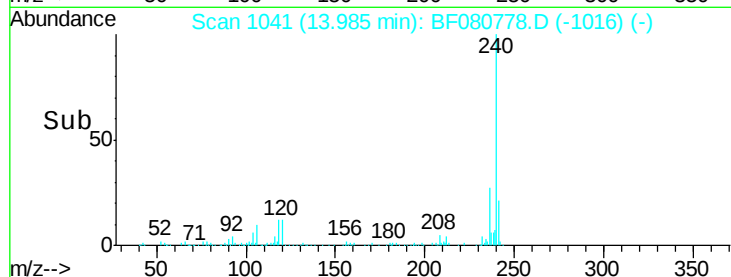
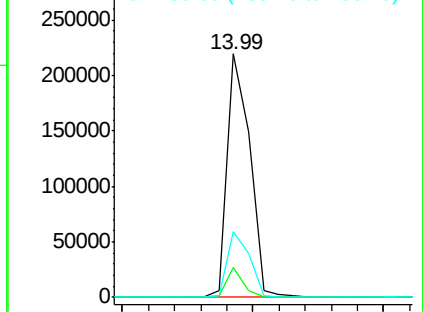
236 26.8 21.8 32.8



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: 54.92 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080778.D

Acq: 1 Aug 2015 13:50

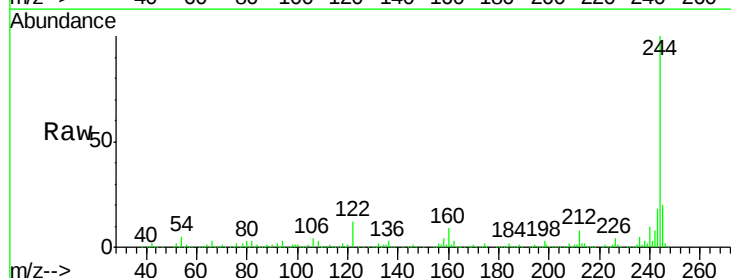
Tgt Ion:244 Resp: 769398

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

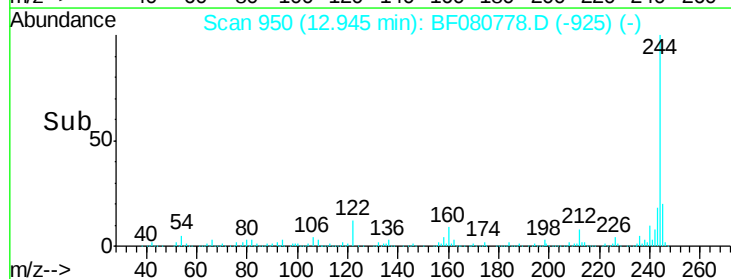
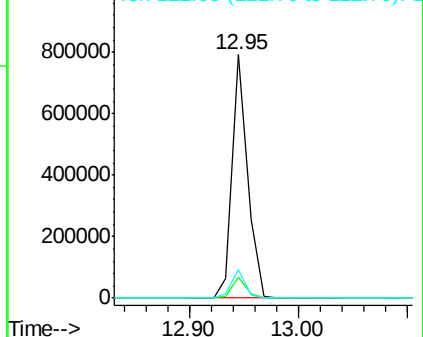
122 11.7 6.6 9.8#

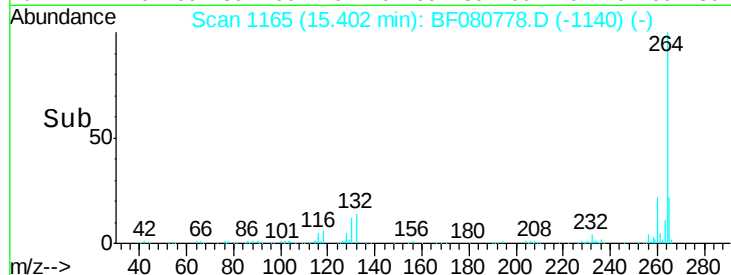
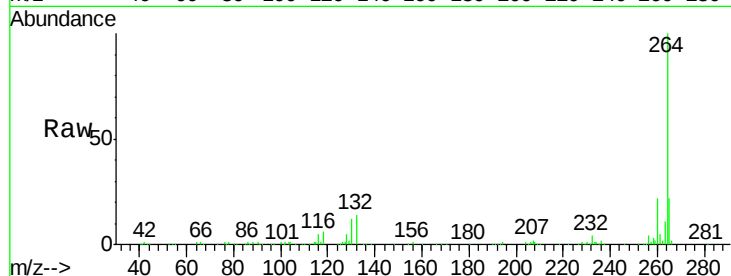
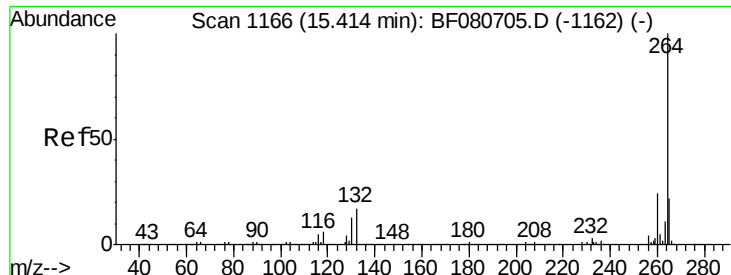


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080778.D
Acq: 1 Aug 2015 13:50

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-2(0-2)

Tgt Ion:	264	Resp:	260340
Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.4	29.0
265	21.6	17.3	25.9

