

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082000.D
 Acq On : 3 Oct 2015 3:04
 Operator : UM/IZ
 Sample : G3887-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(80-82)

Quant Time: Oct 05 06:47:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

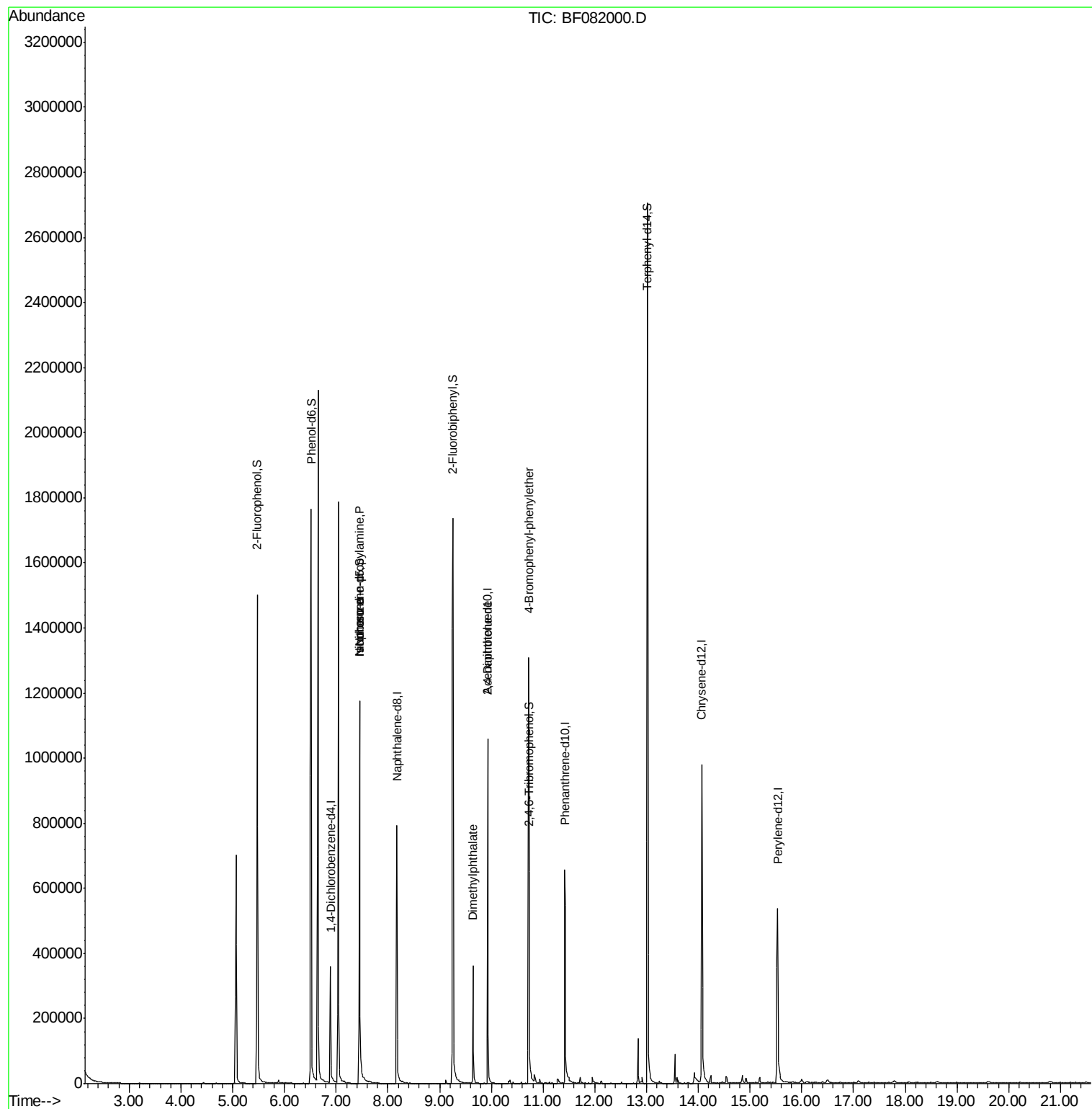
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	98147	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	418198	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	221388	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	428464	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	443615	20.00	ng	-0.05
86) Perylene-d12	15.53	264	344887	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	542229	100.29	ng	-0.04
7) Phenol-d6	6.51	99	791751	116.38	ng	-0.05
23) Nitrobenzene-d5	7.45	82	449670	71.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	214468	95.65	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	903338	65.26	ng	-0.05
78) Terphenyl-d14	13.02	244	985680	67.88	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	57331	13.87	ng	# 57
25) Isophorone	7.45	82	404075	32.50	ng	# 58
49) Dimethylphthalate	9.65	163	173784	11.37	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	27131	6.41	ng	# 33
57) Fluorene	10.72	166	8276	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.72	248	13670	3.16	ng	# 1
73) Di-n-butylphthalate	11.99	149	2715	Below Cal	#	95

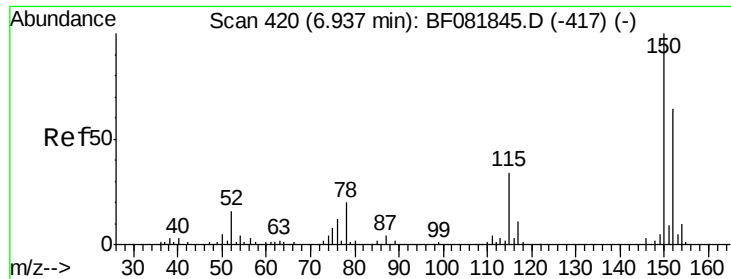
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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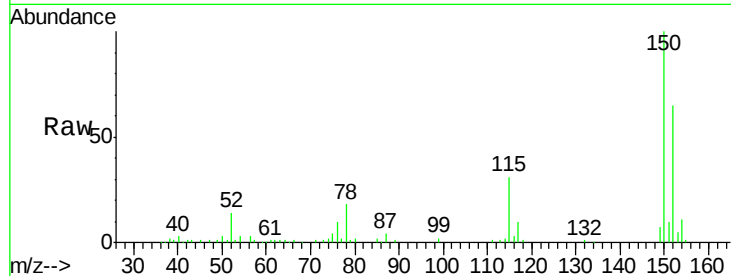




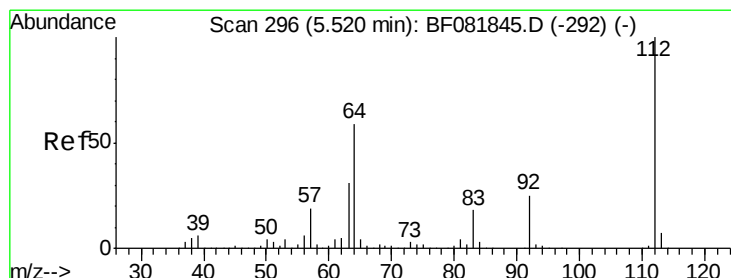
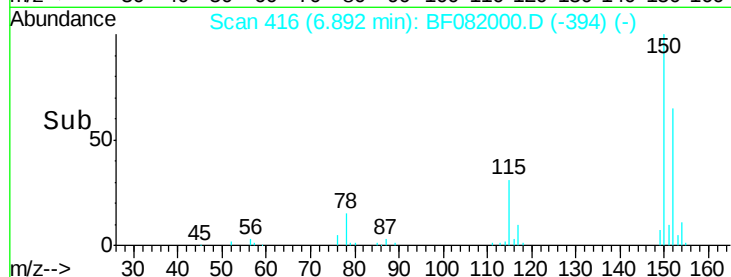
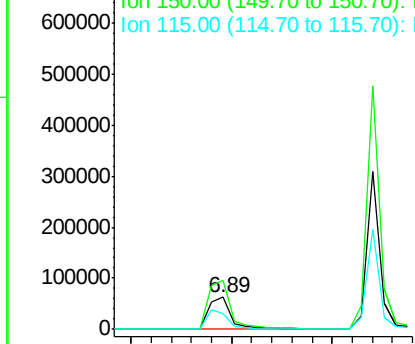
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(80-82)

Tgt Ion:152 Resp: 98147
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.7 187.1
 115 48.3 39.0 58.4

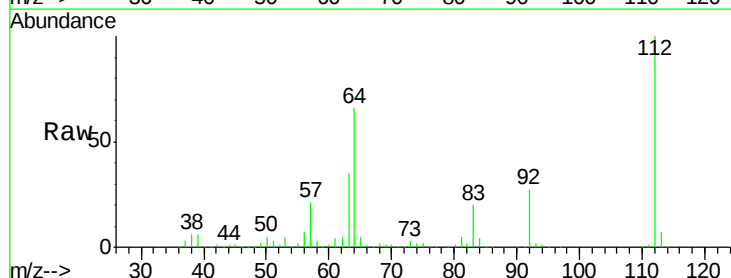


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

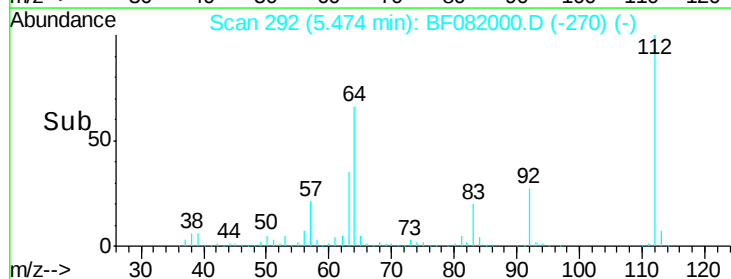
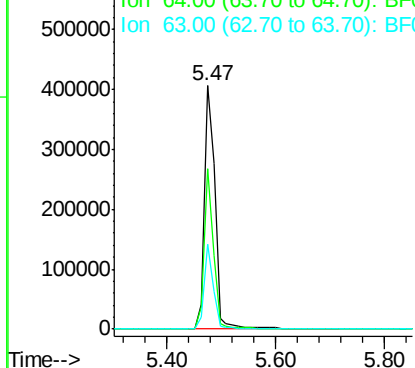


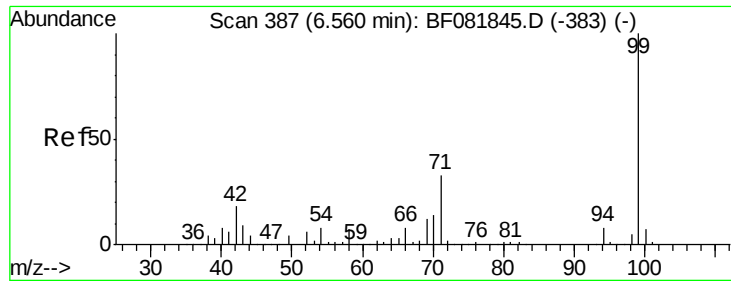
#5
 2-Fluorophenol
 Concen: 100.29 ng
 RT: 5.47 min Scan# 292
 Delta R.T. -0.04 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

Tgt Ion:112 Resp: 542229
 Ion Ratio Lower Upper
 112 100
 64 65.8 39.7 59.5#
 63 34.7 17.4 26.0#



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: 116.38 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(80-82)

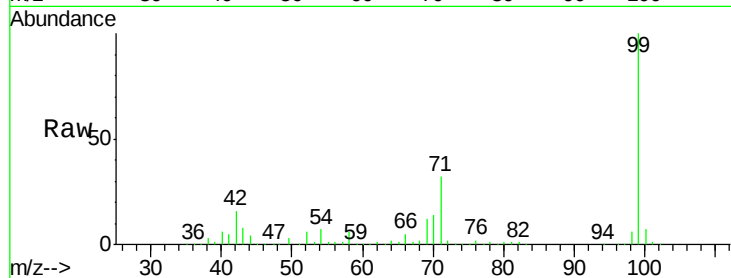
Tgt Ion: 99 Resp: 791751

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

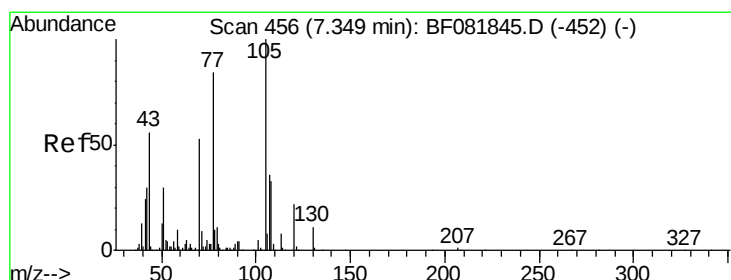
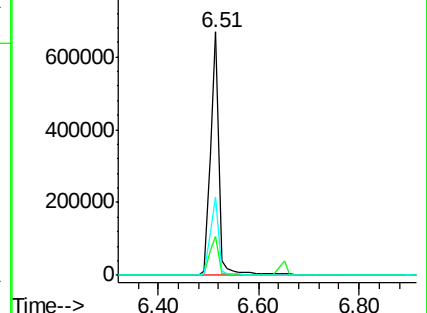
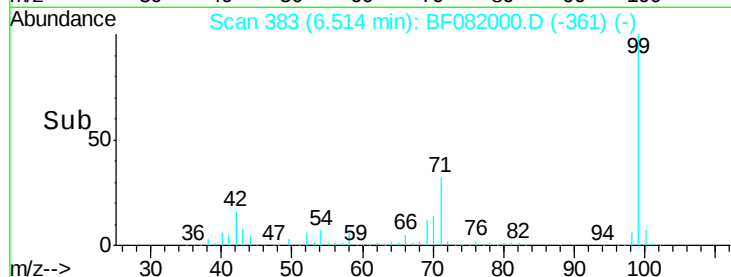
71 32.0 14.2 21.2#



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: 13.87 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

Tgt Ion: 70 Resp: 57331

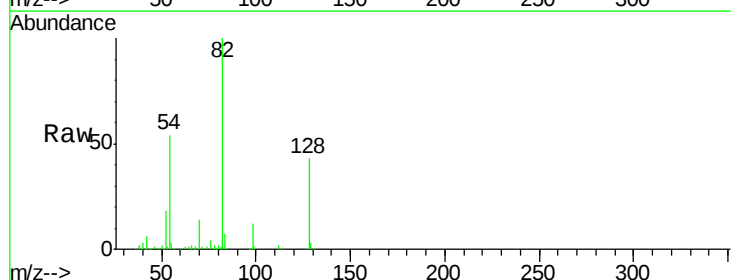
Ion Ratio Lower Upper

70 100

42 45.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

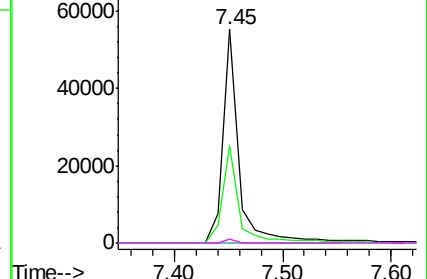
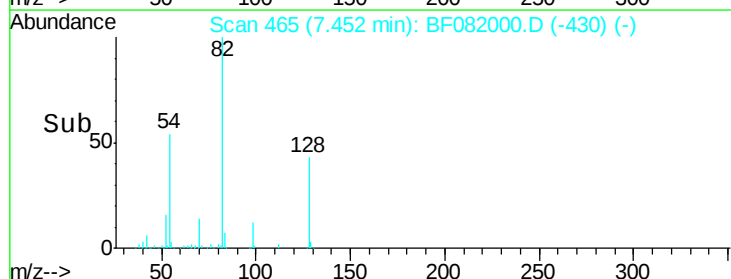


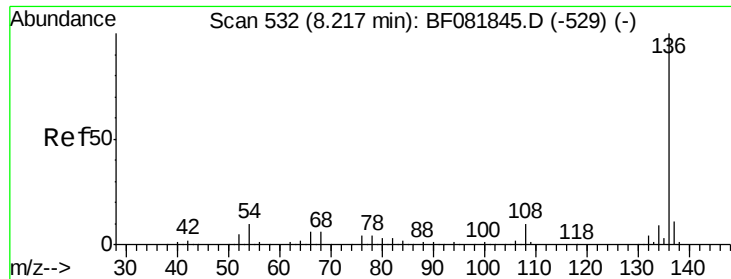
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

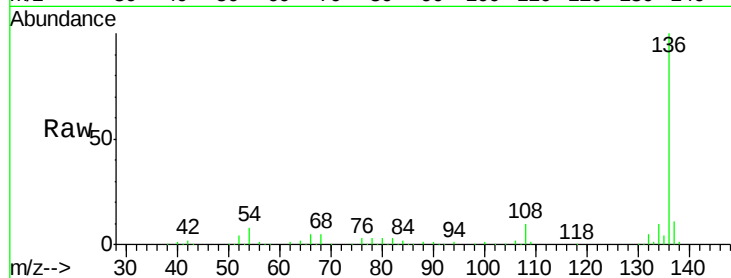




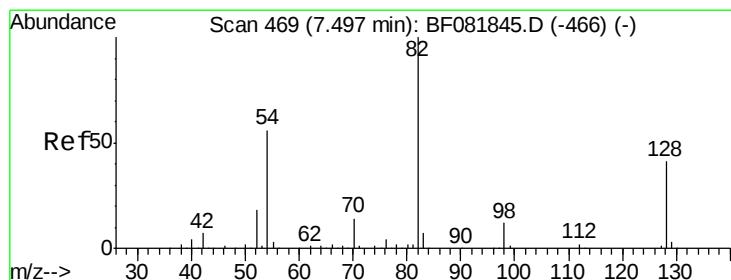
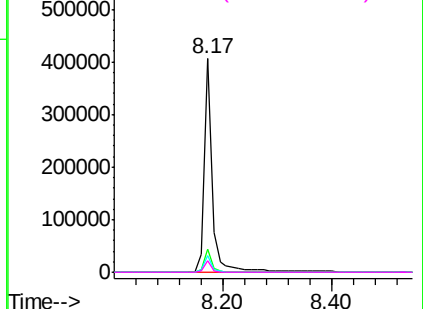
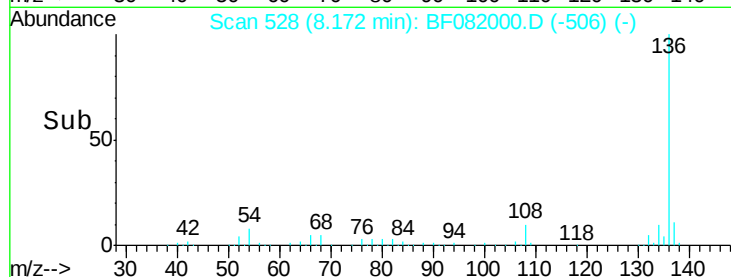
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082000.D
Acq: 3 Oct 2015 3:04

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(80-82)

Tgt Ion: 136 Resp: 418198
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.7 8.2 12.2#
68 5.1 5.8 8.6#

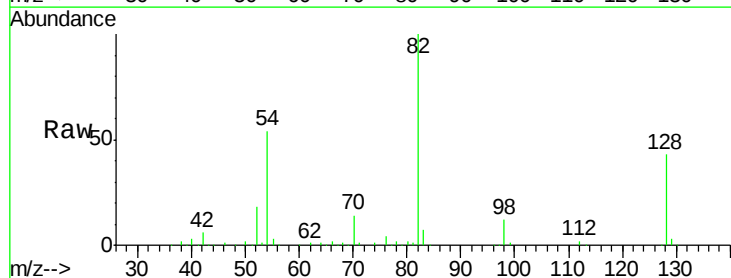


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

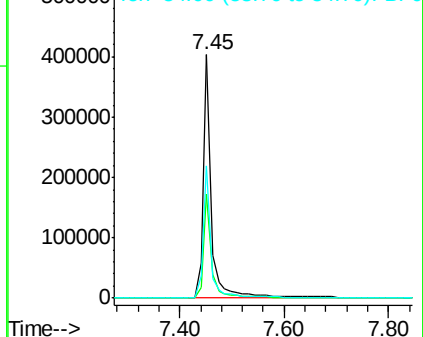
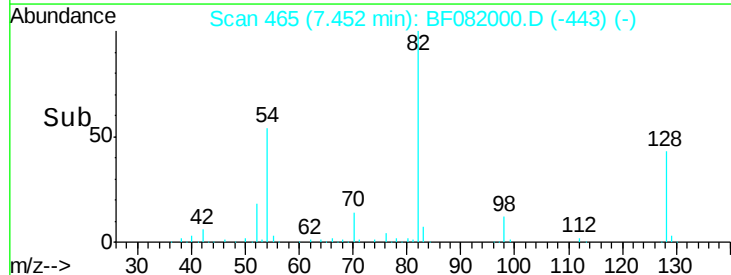


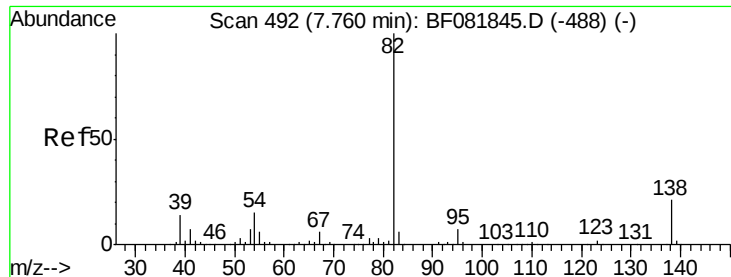
#23
Nitrobenzene-d5
Concen: 71.68 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082000.D
Acq: 3 Oct 2015 3:04

Tgt Ion: 82 Resp: 449670
Ion Ratio Lower Upper
82 100
128 43.0 51.0 76.6#
54 54.5 47.5 71.3



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: 32.50 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(80-82)

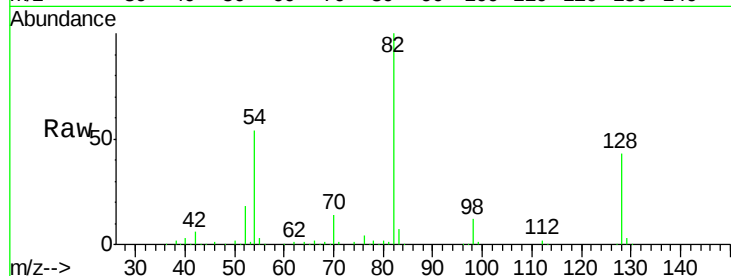
Tgt Ion: 82 Resp: 404075

Ion Ratio Lower Upper

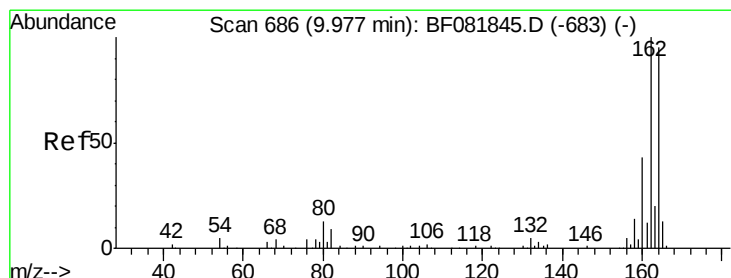
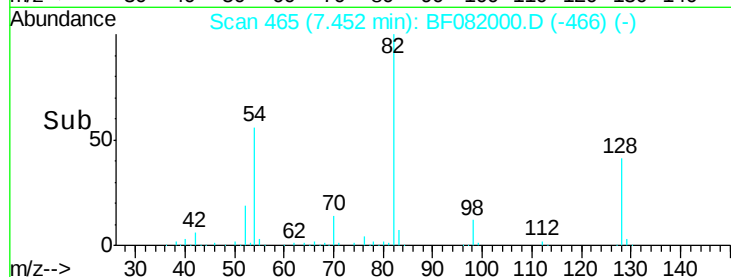
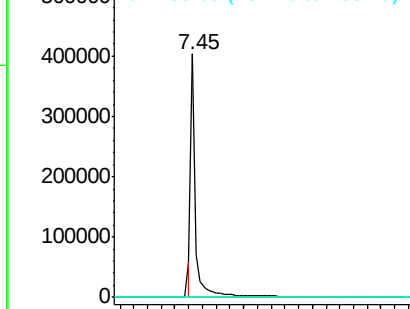
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

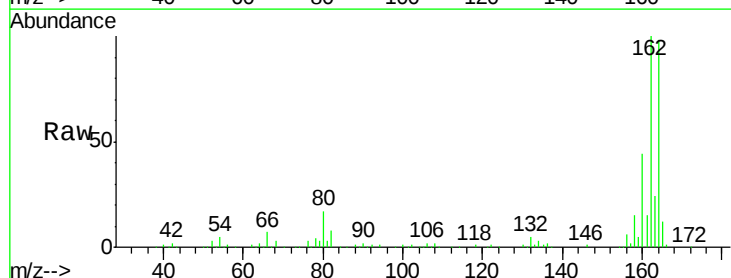
Tgt Ion: 164 Resp: 221388

Ion Ratio Lower Upper

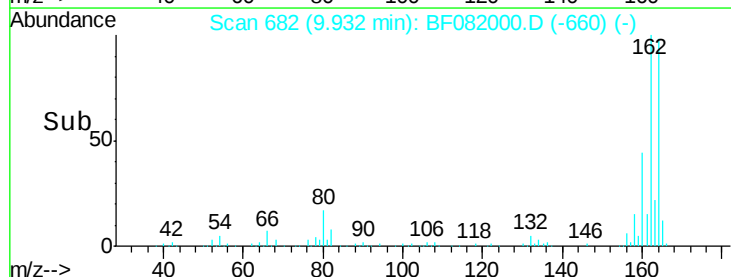
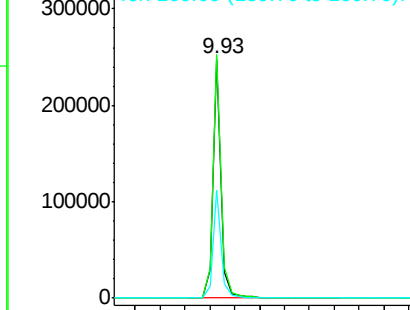
164 100

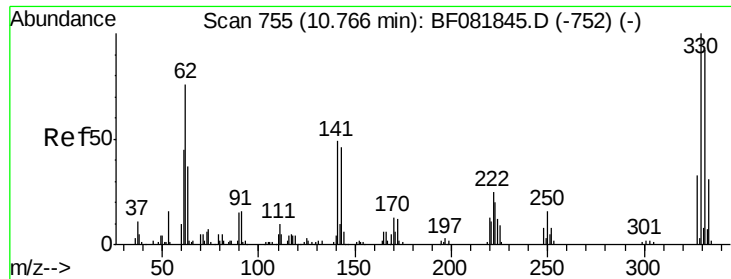
162 102.0 75.2 112.8

160 45.1 31.5 47.3



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

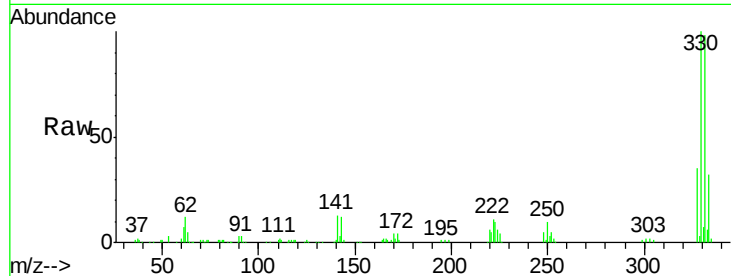




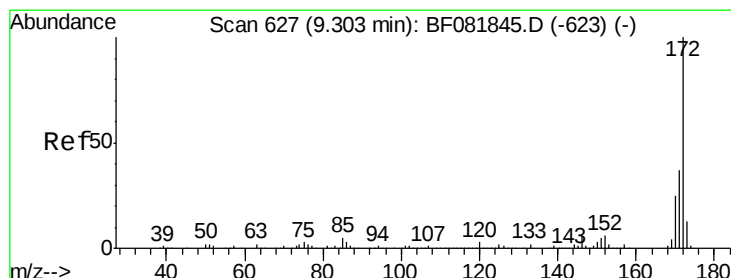
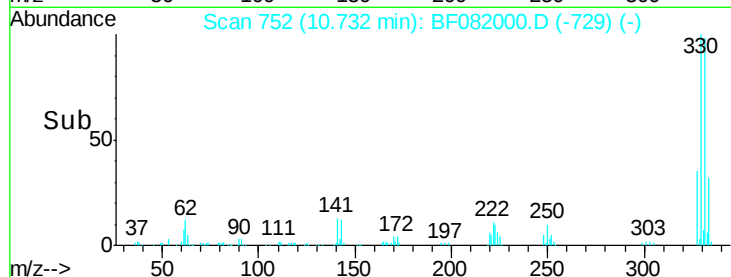
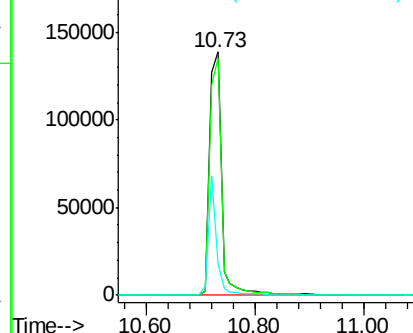
#41
 2,4,6-Tribromophenol
 Concen: 95.65 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(80-82)

Tgt Ion: 330 Resp: 214468
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 33.2 29.7 44.5

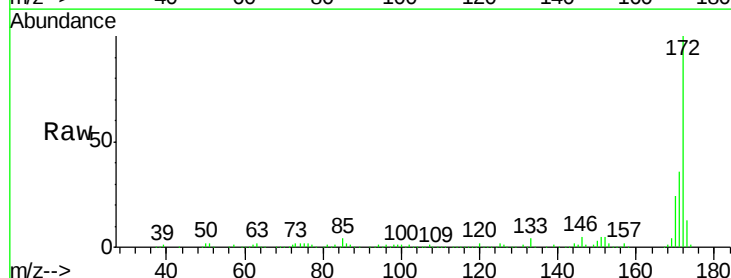


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

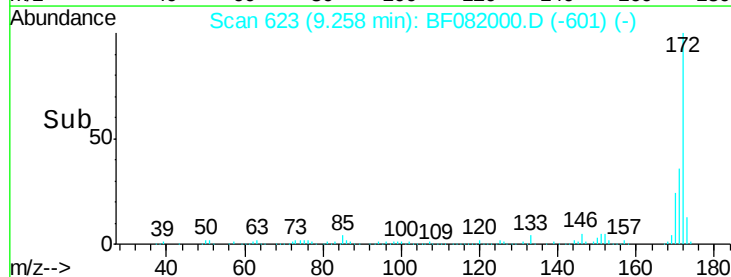
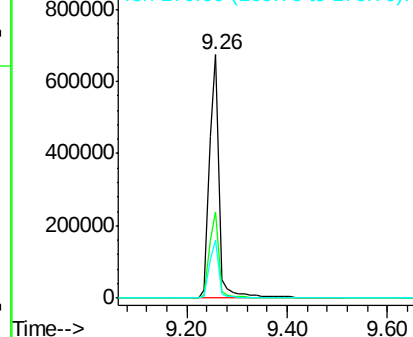


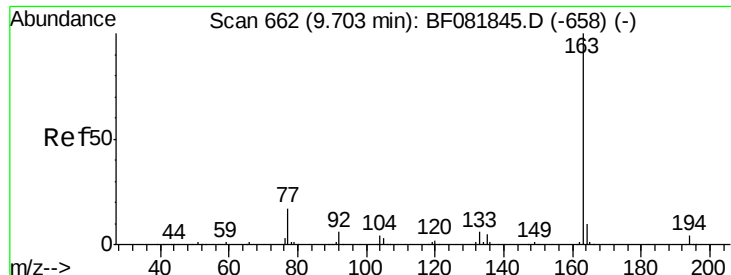
#44
 2-Fluorobiphenyl
 Concen: 65.26 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

Tgt Ion: 172 Resp: 903338
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.8 17.4 26.2



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

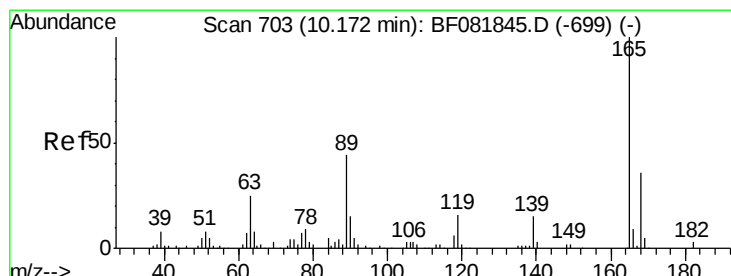
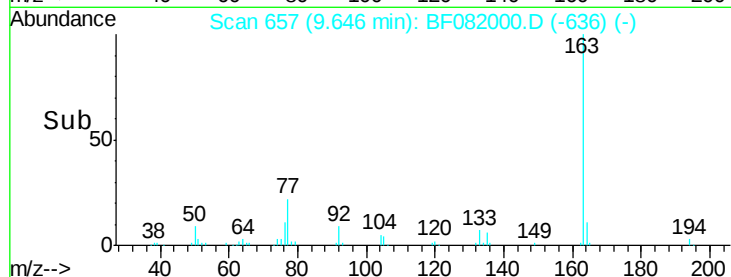
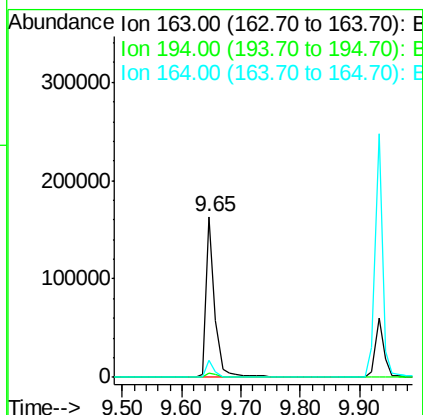
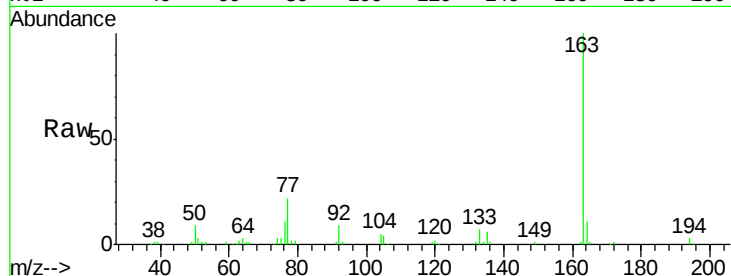




#49
Dimethylphthalate
Concen: 11.37 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082000.D
Acq: 3 Oct 2015 3:04

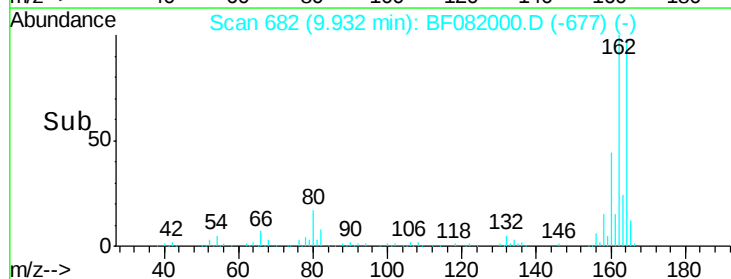
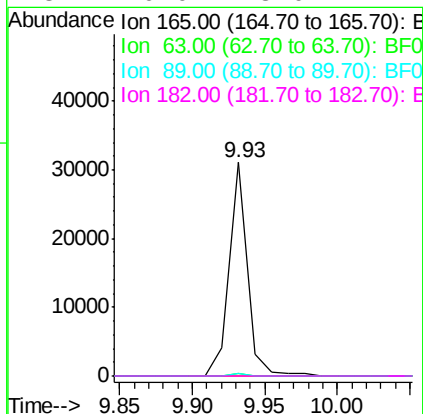
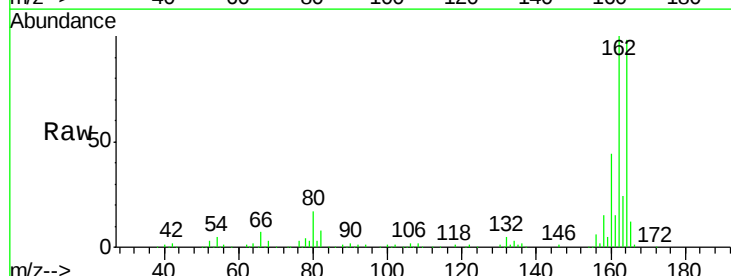
Instrument :
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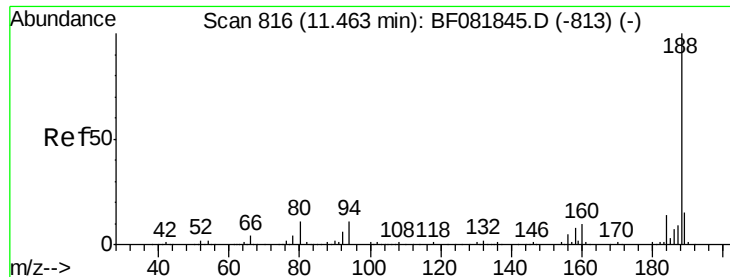
Tgt Ion:163 Resp: 173784
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082000.D
Acq: 3 Oct 2015 3:04

Tgt Ion:165 Resp: 27131
Ion Ratio Lower Upper
165 100
63 1.0 29.8 44.6#
89 1.2 44.5 66.7#
182 0.0 3.0 4.4#

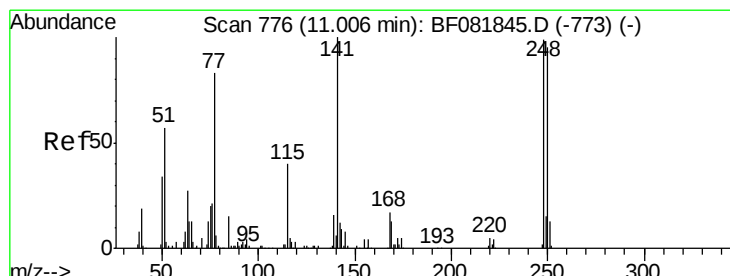
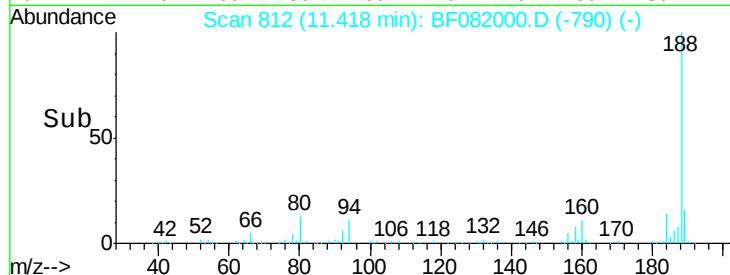
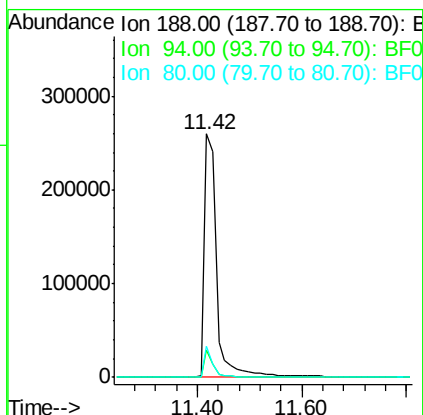
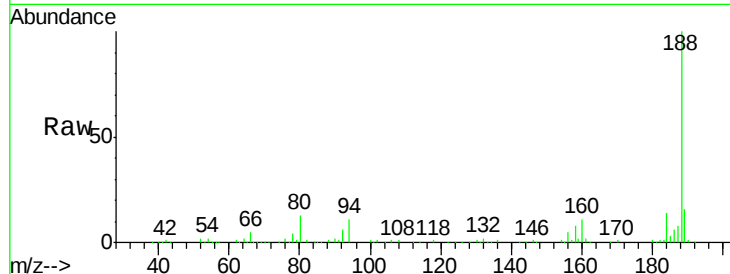




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

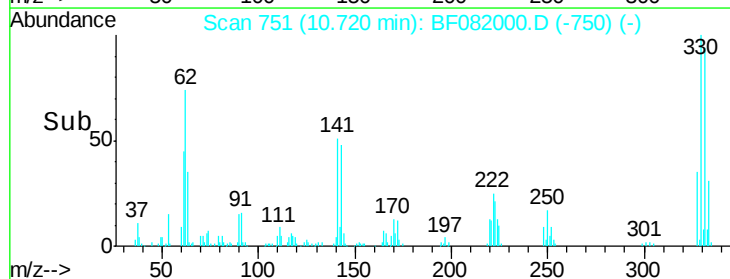
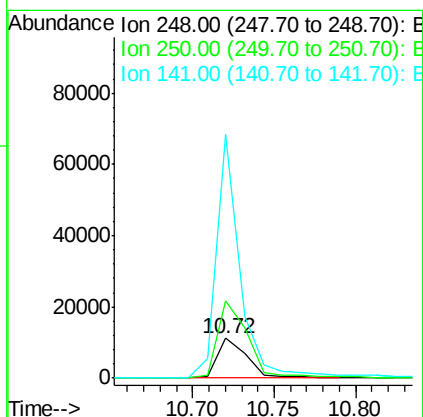
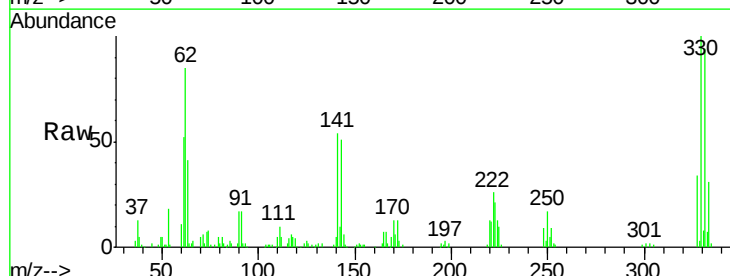
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(80-82)

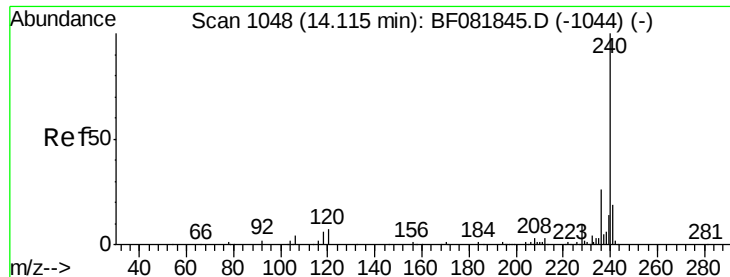
Tgt Ion:188 Resp: 428464
 Ion Ratio Lower Upper
 188 100
 94 11.2 11.1 16.7
 80 12.9 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082000.D
 Acq: 3 Oct 2015 3:04

Tgt Ion:248 Resp: 13670
 Ion Ratio Lower Upper
 248 100
 250 195.8 78.5 117.7#
 141 614.6 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(80-82)

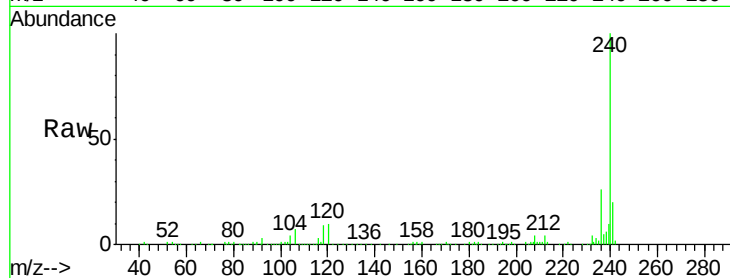
Tgt Ion:240 Resp: 443615

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

236 26.2 18.4 27.6



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

14.07

400000

300000

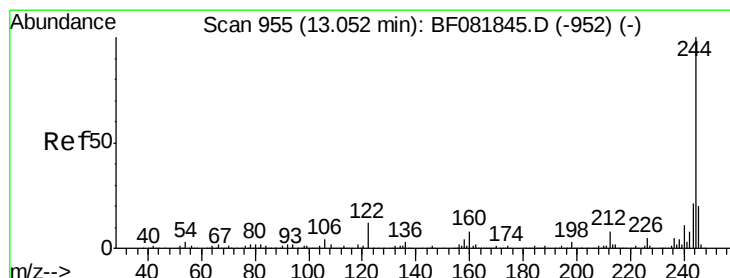
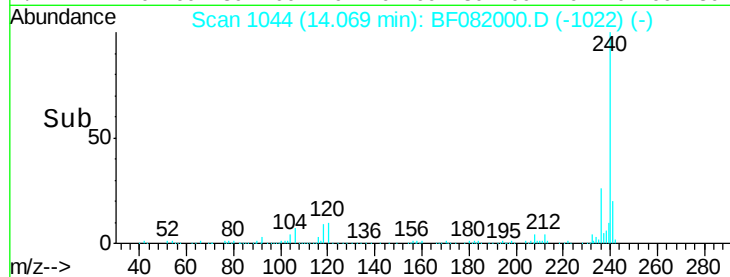
200000

100000

0

14.00 14.20

Time-->



#78

Terphenyl-d14

Concen: 67.88 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082000.D

Acq: 3 Oct 2015 3:04

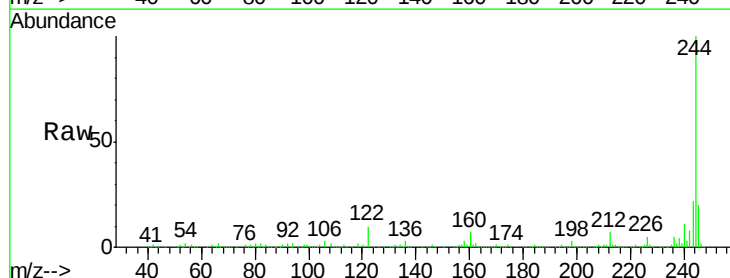
Tgt Ion:244 Resp: 985680

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

122 10.0 17.4 26.2#



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

13.02

1200000

1000000

800000

600000

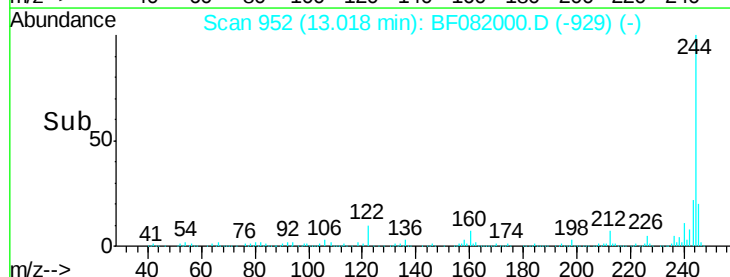
400000

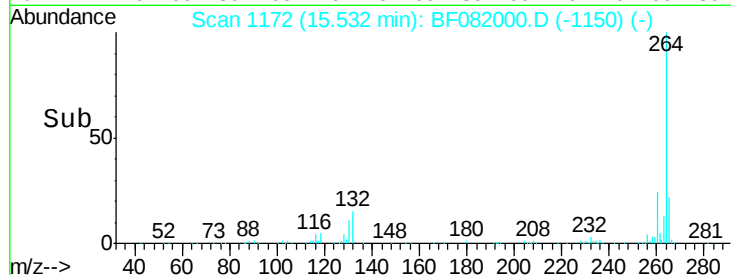
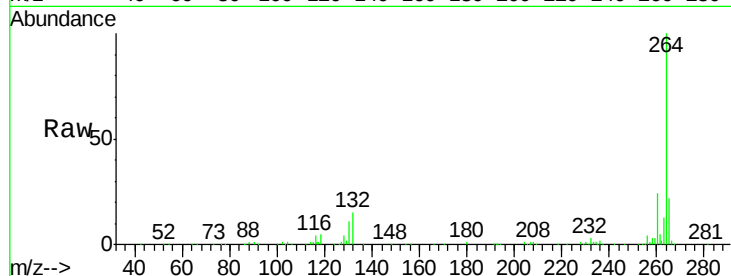
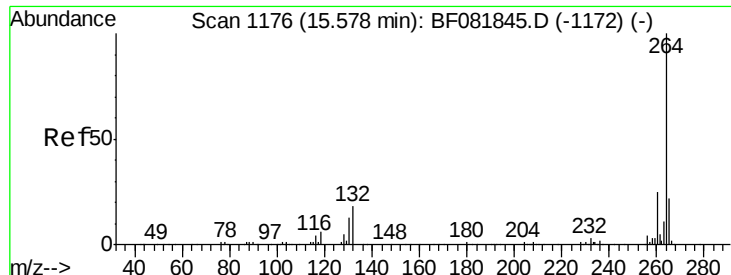
200000

0

13.00 13.20

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082000.D
Acq: 3 Oct 2015 3:04

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(80-82)

Tgt Ion: 264 Resp: 344887
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.7 17.2 25.8

