

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081997.D
 Acq On : 3 Oct 2015 00:05
 Operator : UM/IZ
 Sample : G3887-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(55-57)

Quant Time: Oct 05 06:44:01 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

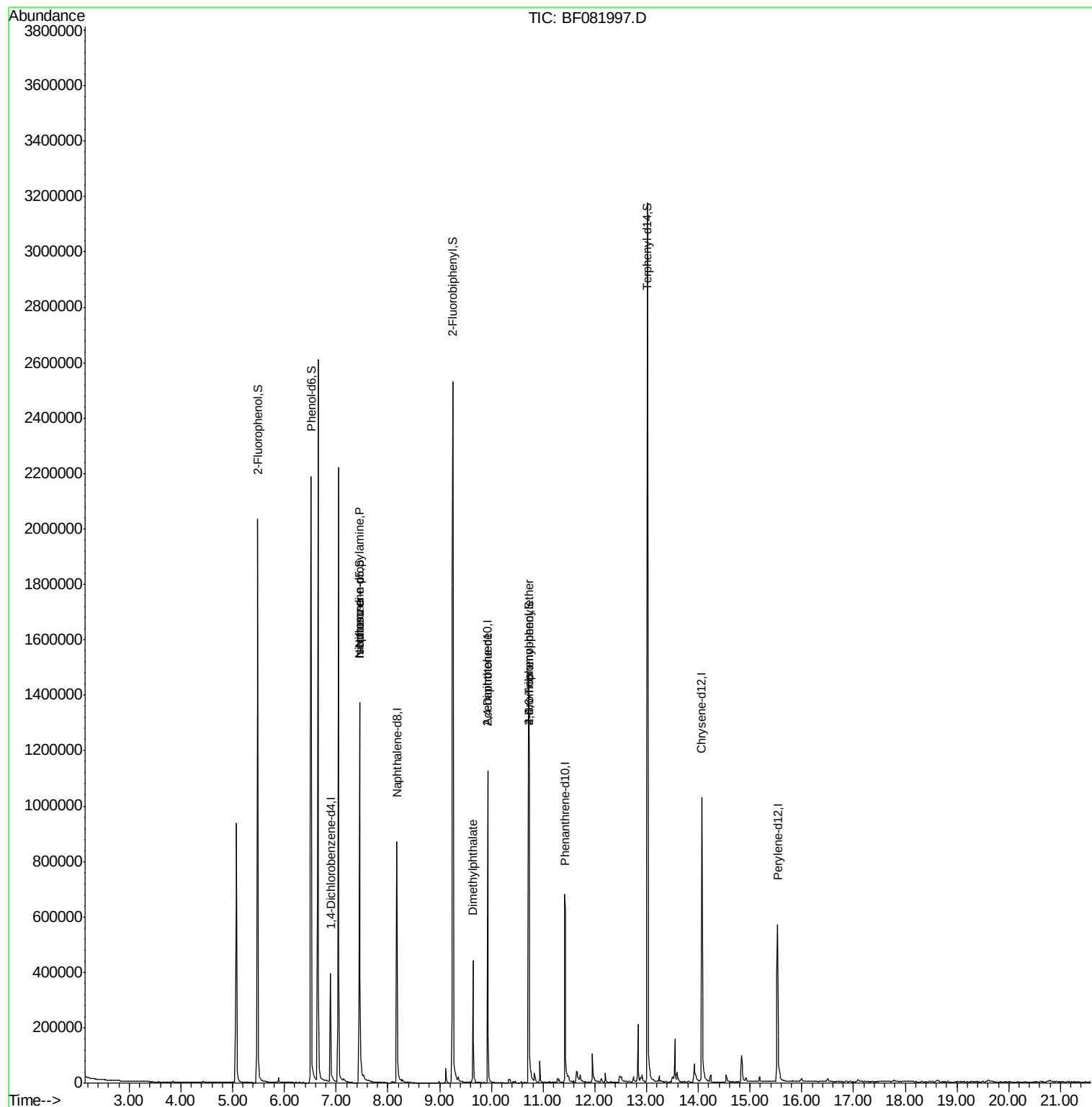
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108145	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	448648	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	236131	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	458348	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	457607	20.00	ng	-0.05
86) Perylene-d12	15.53	264	363009	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	755601	126.83	ng	-0.03
7) Phenol-d6	6.51	99	898002	119.79	ng	-0.05
23) Nitrobenzene-d5	7.45	82	563750	83.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	291163	121.75	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1215668	86.43	ng	-0.05
78) Terphenyl-d14	13.02	244	1162201	80.96	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	71631	15.72	ng	# 57
25) Isophorone	7.45	82	500061	37.49	ng	# 58
49) Dimethylphthalate	9.65	163	214847	13.18	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	29539	6.55	ng	# 33
57) Fluorene	10.72	166	10781	Below	Cal	# 86
66) 4-Bromophenyl-phenylether	10.73	248	18116	3.92	ng	# 1
70) Phenanthrene	11.45	178	456	Below	Cal	# 62
73) Di-n-butylphthalate	11.99	149	5308	Below	Cal	# 95

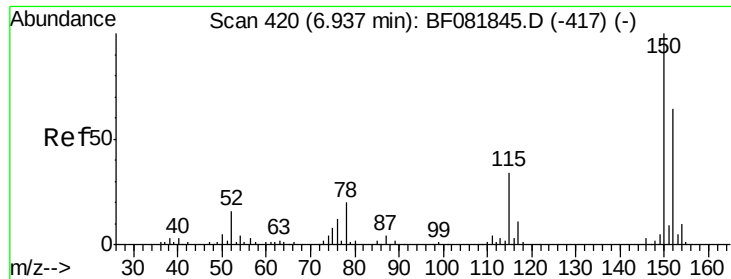
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081997.D

Acq: 3 Oct 2015 00:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(55-57)

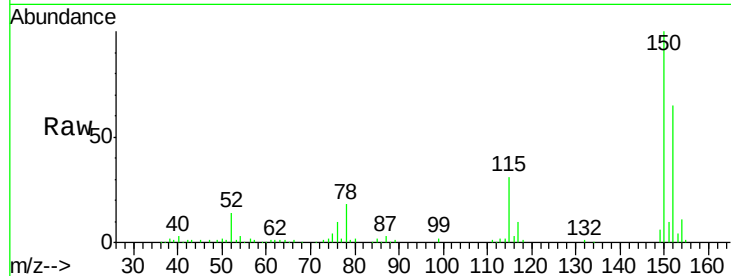
Tgt Ion:152 Resp: 108145

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

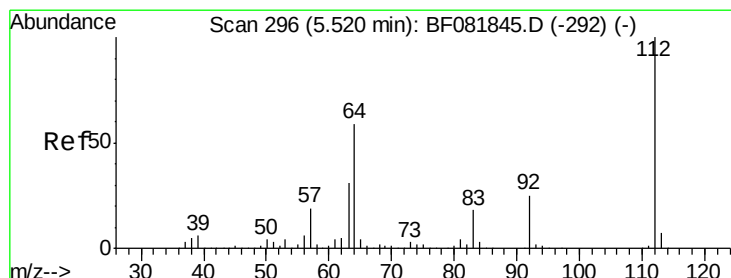
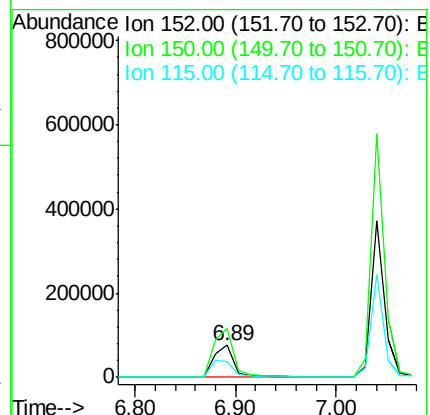
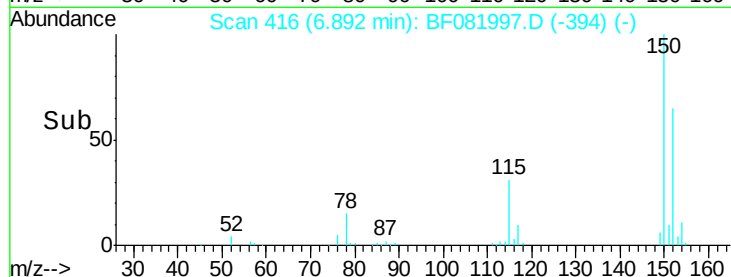
115 48.5 39.0 58.4



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: 126.83 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

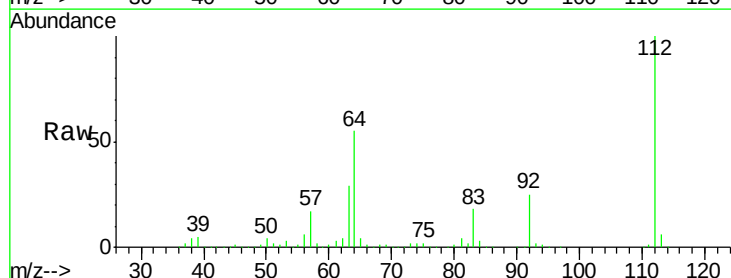
Tgt Ion:112 Resp: 755601

Ion Ratio Lower Upper

112 100

64 54.7 39.7 59.5

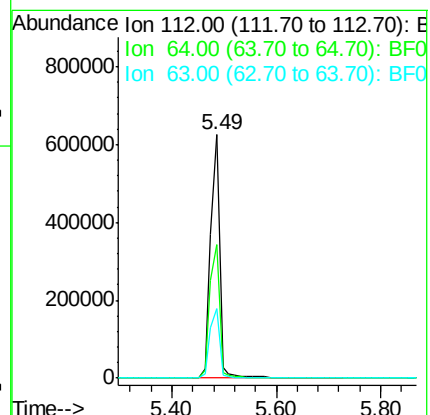
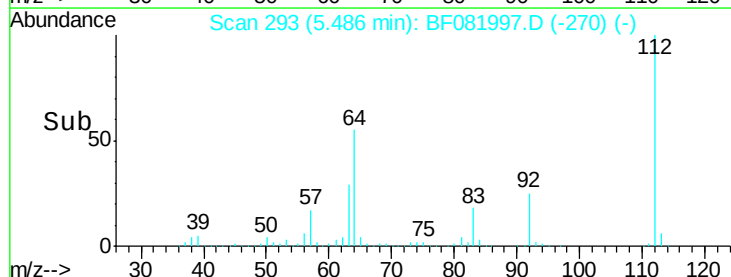
63 28.7 17.4 26.0#

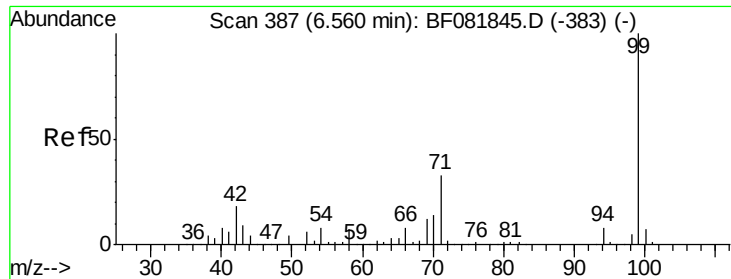


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.79 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(55-57)

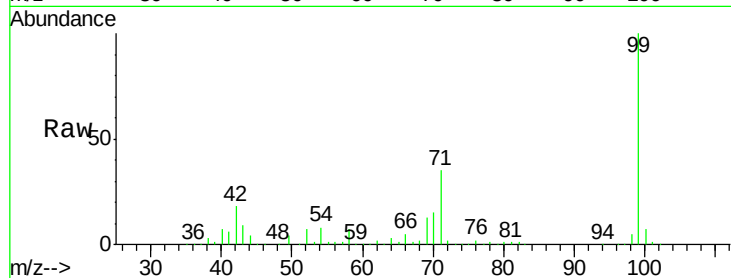
Tgt Ion: 99 Resp: 898002

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

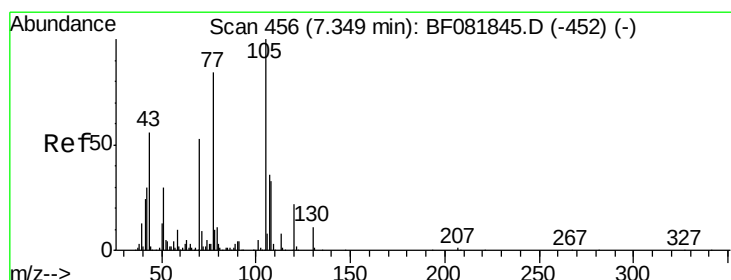
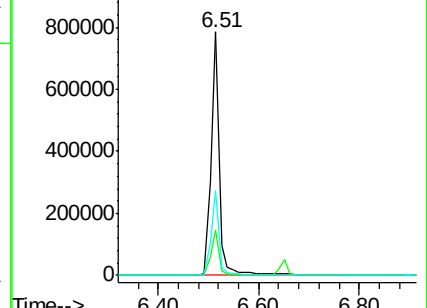
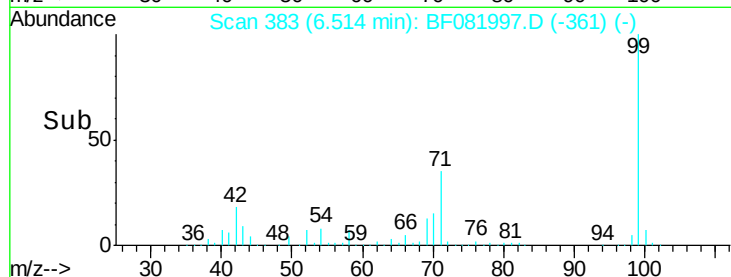
71 35.0 14.2 21.2#



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: 15.72 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Tgt Ion: 70 Resp: 71631

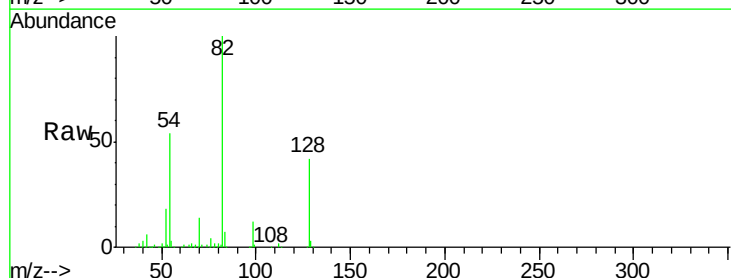
Ion Ratio Lower Upper

70 100

42 45.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

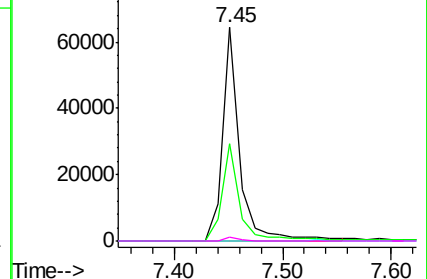
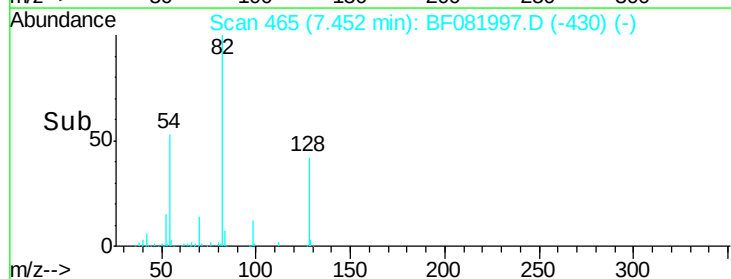


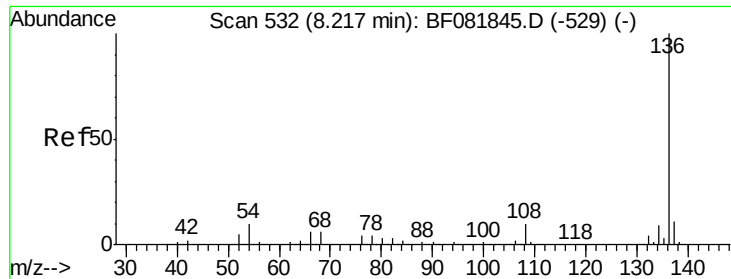
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

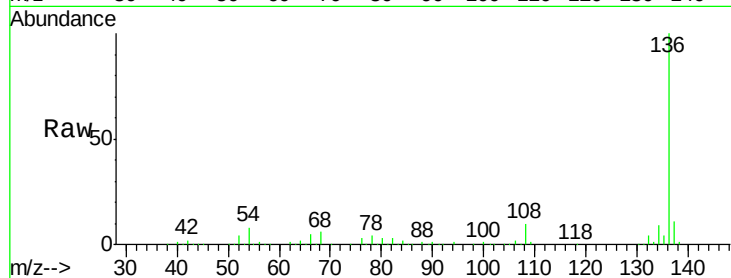




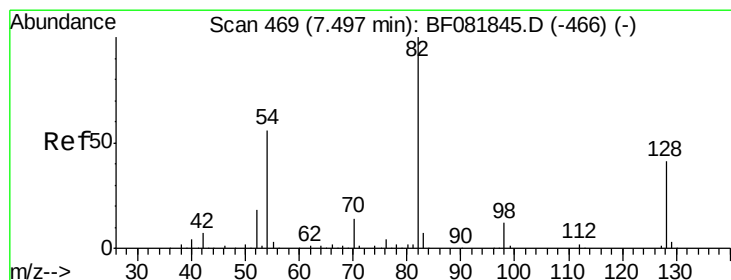
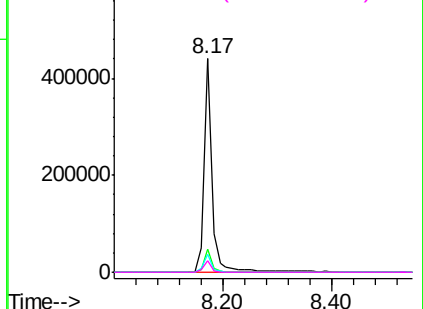
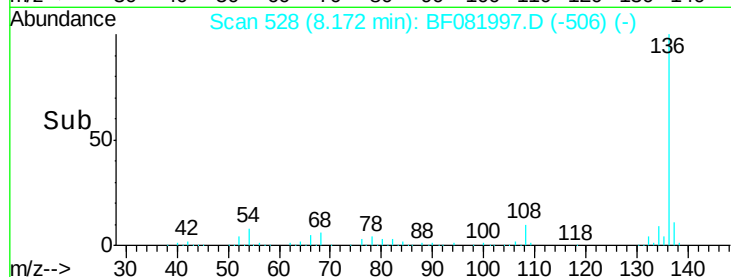
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081997.D
Acq: 3 Oct 2015 00:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(55-57)

Tgt Ion: 136 Resp: 448648
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.1 8.2 12.2#
68 5.5 5.8 8.6#

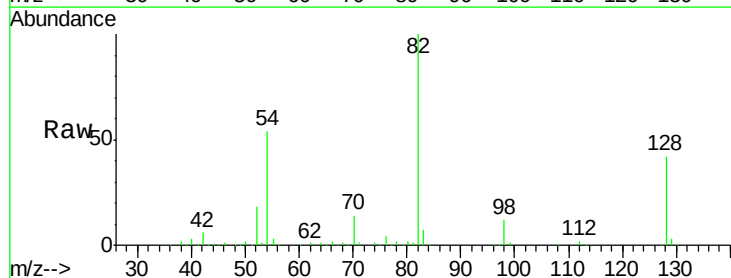


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

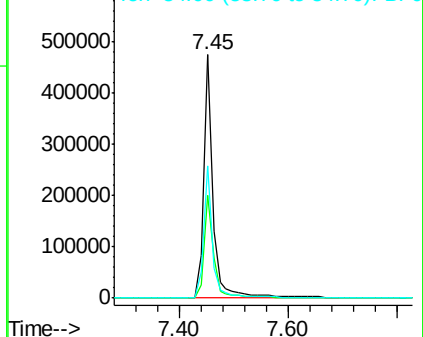
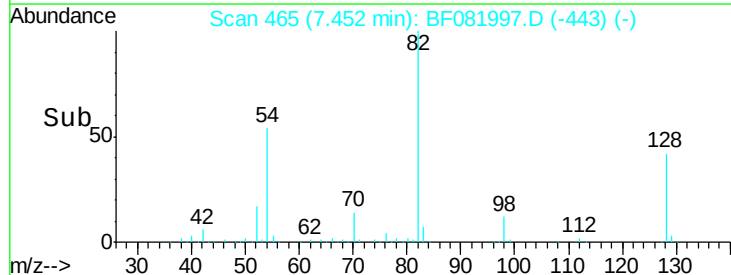


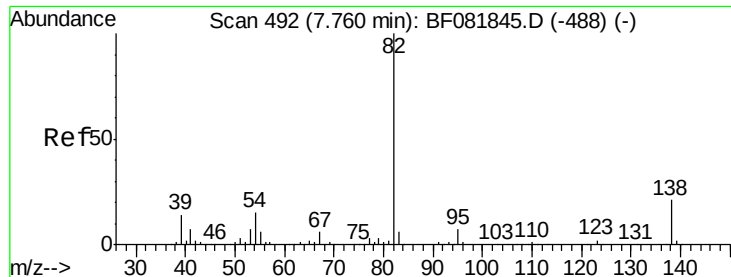
#23
Nitrobenzene-d5
Concen: 83.76 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081997.D
Acq: 3 Oct 2015 00:05

Tgt Ion: 82 Resp: 563750
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 54.1 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: 37.49 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(55-57)

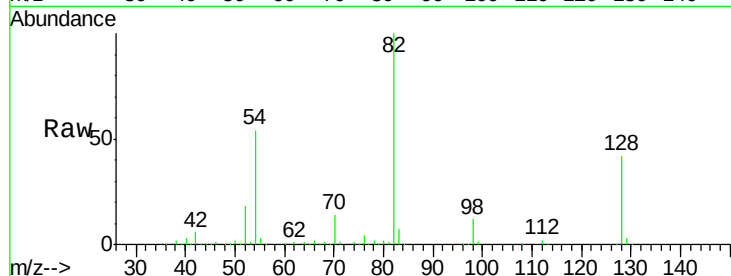
Tgt Ion: 82 Resp: 500061

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

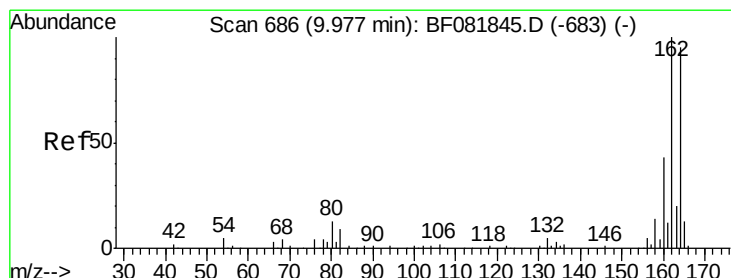
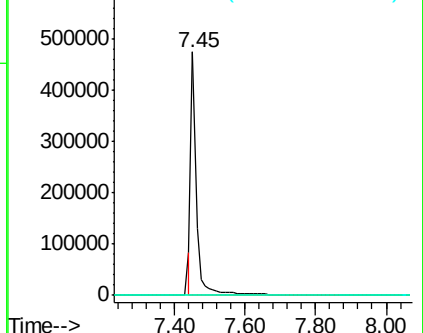
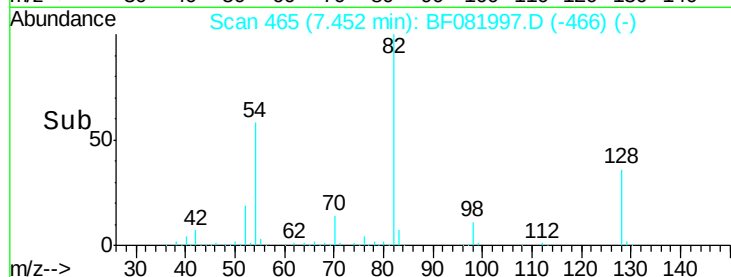
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

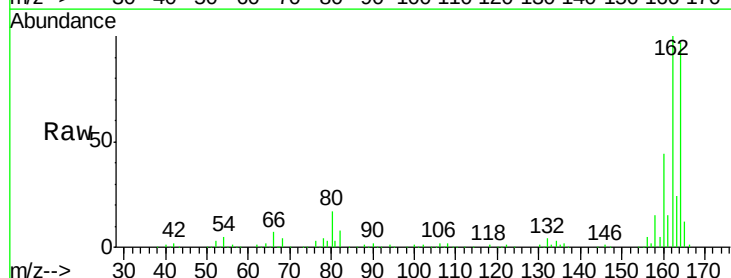
Tgt Ion: 164 Resp: 236131

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

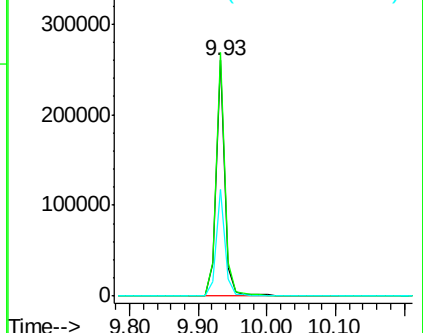
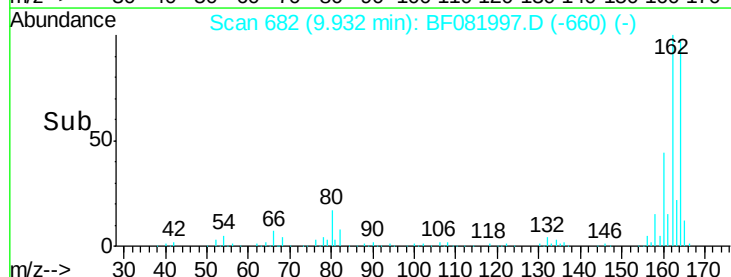
160 45.4 31.5 47.3

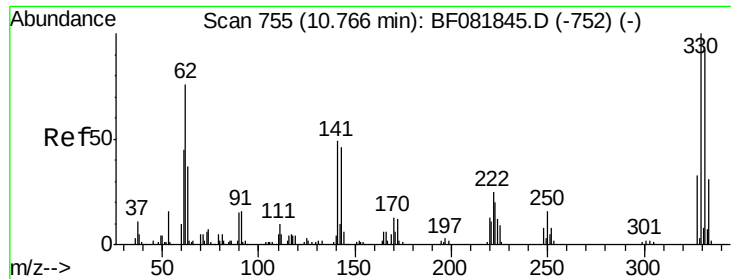


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

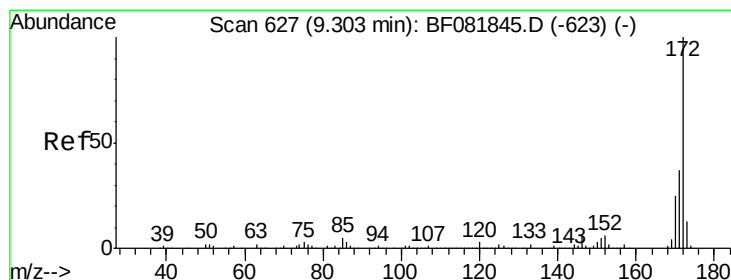
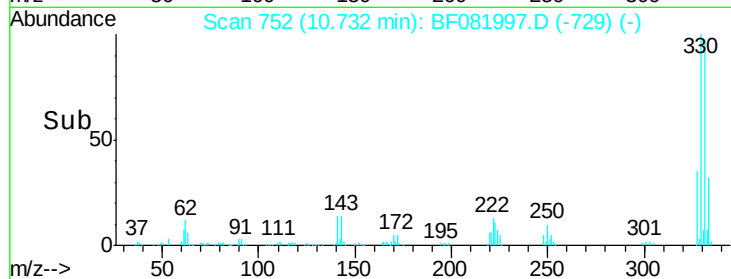
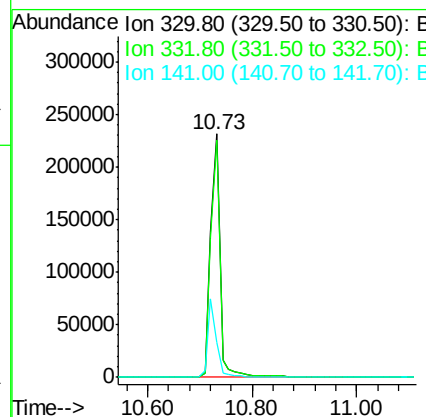
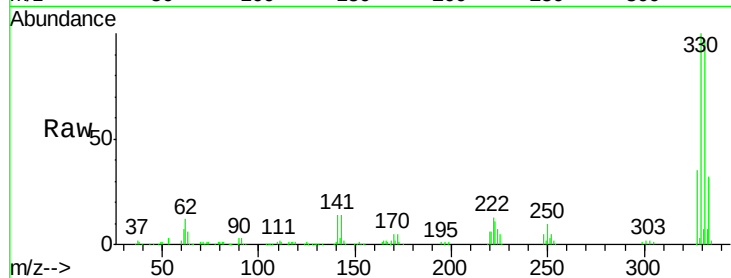




#41
 2,4,6-Tribromophenol
 Concen: 121.75 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081997.D
 Acq: 3 Oct 2015 00:05

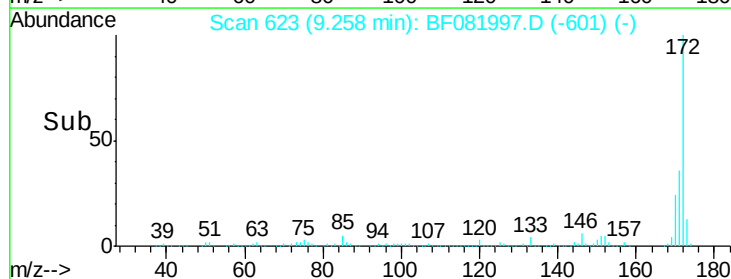
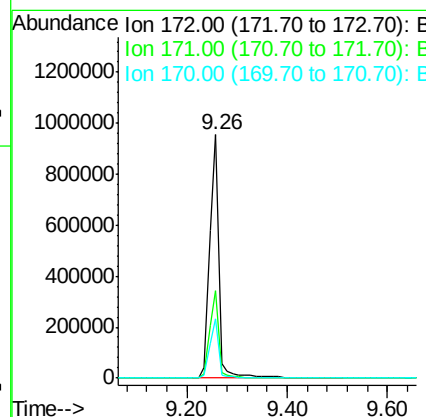
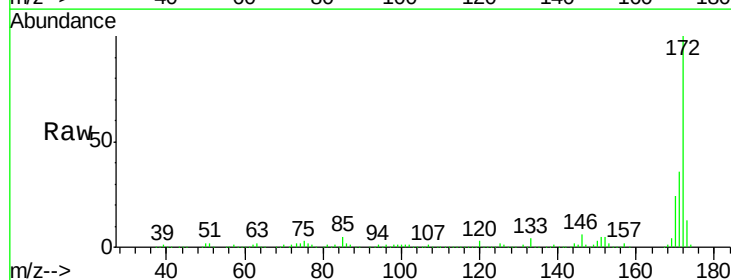
Instrument :
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 OS-SB-25(55-57)

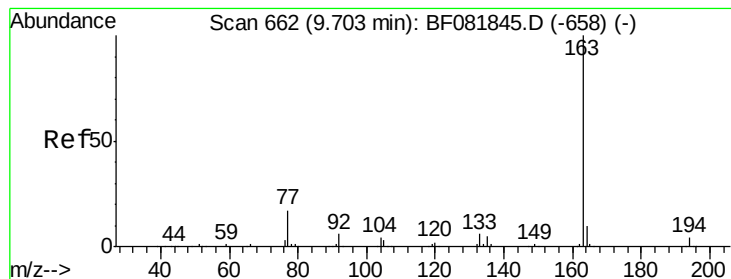
Tgt Ion:330 Resp: 291163
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 30.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 86.43 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081997.D
 Acq: 3 Oct 2015 00:05

Tgt Ion:172 Resp: 1215668
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.2 17.4 26.2





#49

Dimethylphthalate

Concen: 13.18 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(55-57)

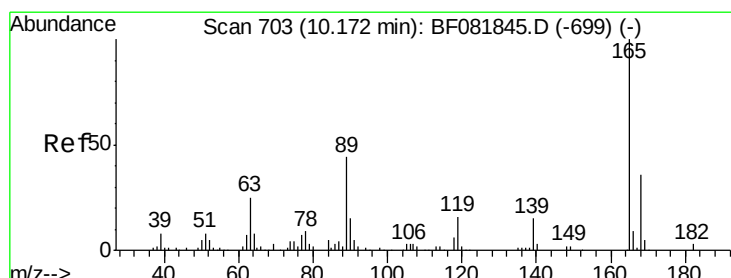
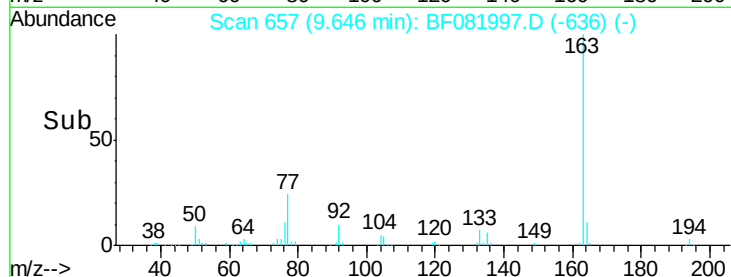
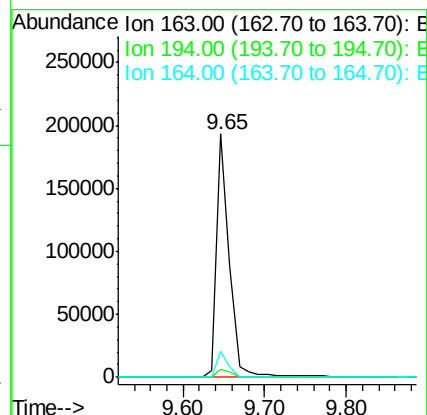
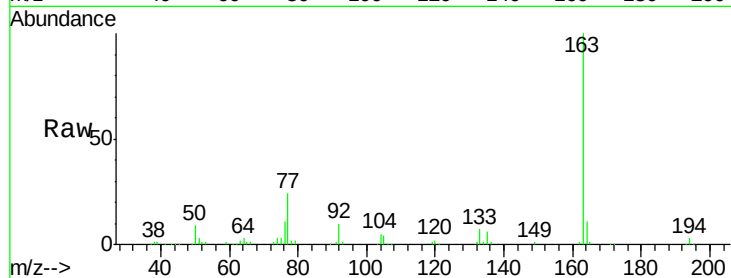
Tgt Ion:163 Resp: 214847

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

164 10.7 8.3 12.5



#56

2,4-Dinitrotoluene

Concen: 6.55 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Tgt Ion:165 Resp: 29539

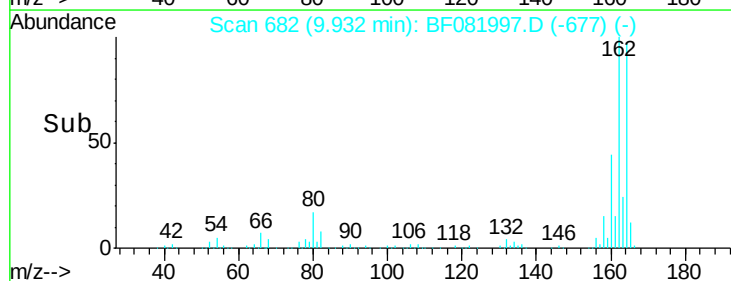
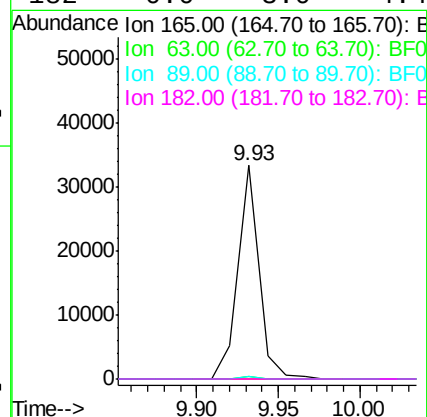
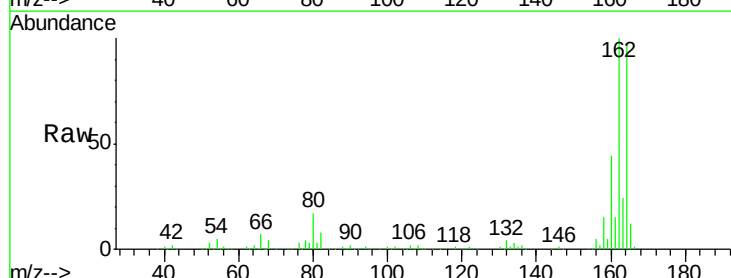
Ion Ratio Lower Upper

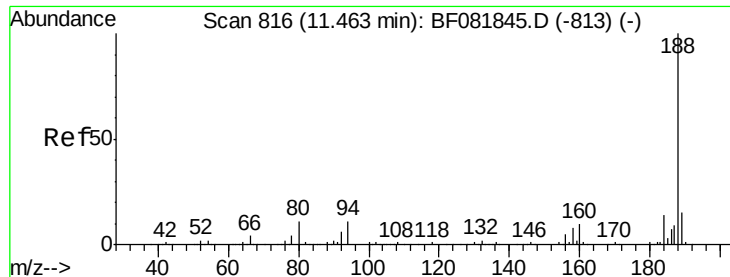
165 100

63 1.0 29.8 44.6#

89 1.4 44.5 66.7#

182 0.0 3.0 4.4#

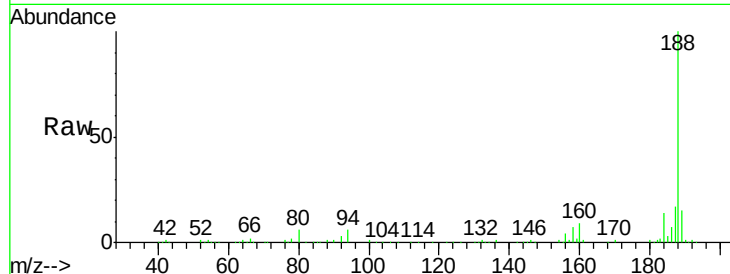




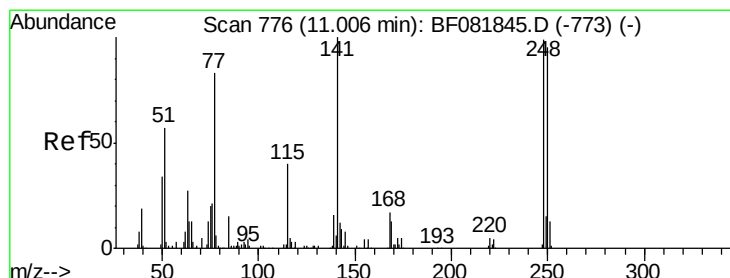
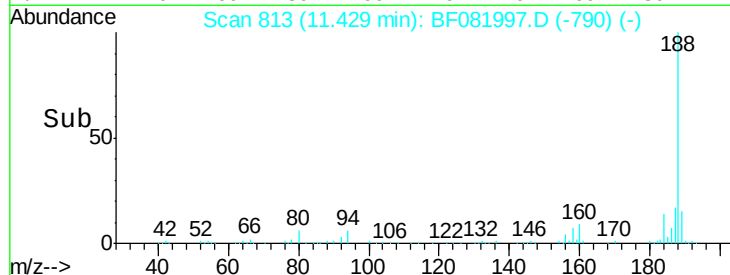
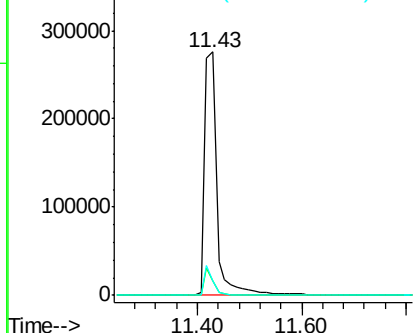
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081997.D
Acq: 3 Oct 2015 00:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(55-57)

Tgt Ion:188 Resp: 458348
Ion Ratio Lower Upper
188 100
94 5.7 11.1 16.7#
80 6.1 11.0 16.4#

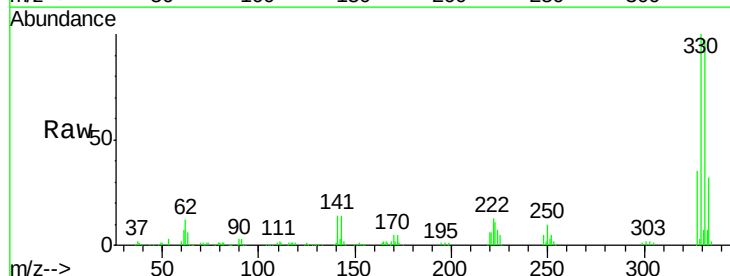


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

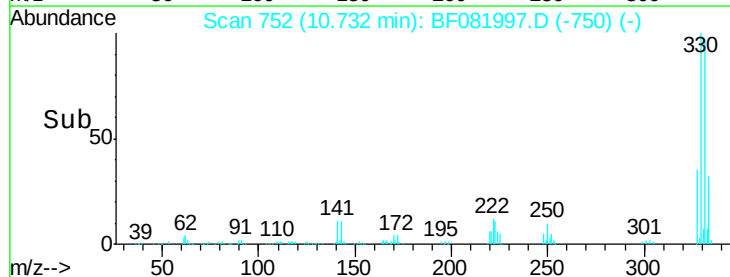
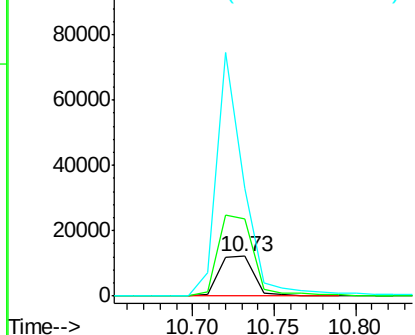


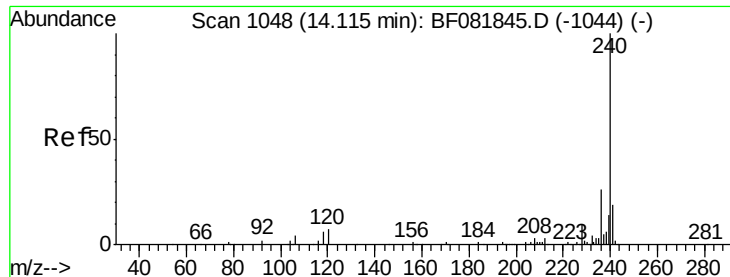
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF081997.D
Acq: 3 Oct 2015 00:05

Tgt Ion:248 Resp: 18116
Ion Ratio Lower Upper
248 100
250 194.2 78.5 117.7#
141 271.2 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(55-57)

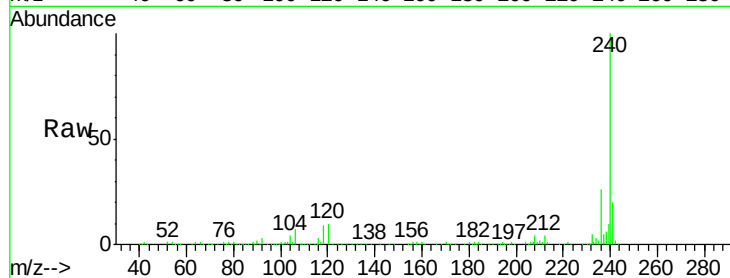
Tgt Ion:240 Resp: 457607

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

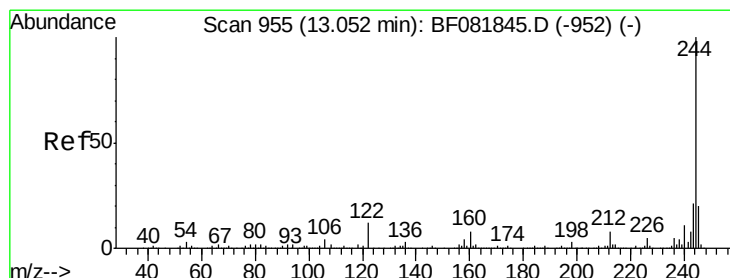
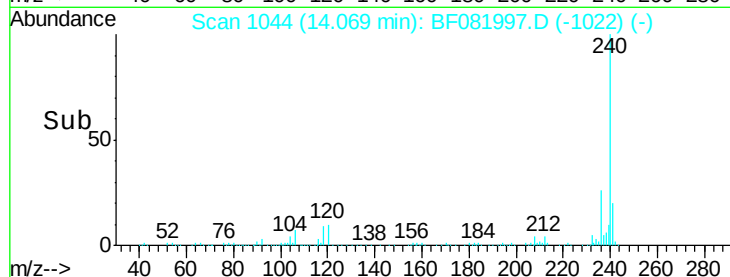
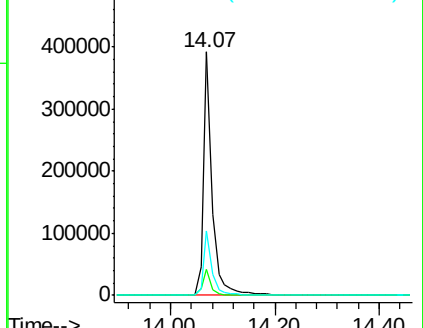
236 26.4 18.4 27.6



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



#78

Terphenyl-d14

Concen: 80.96 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081997.D

Acq: 3 Oct 2015 00:05

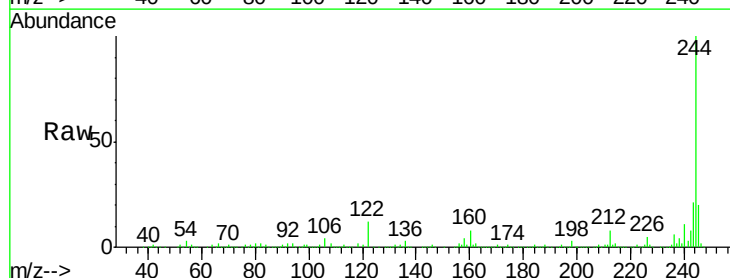
Tgt Ion:244 Resp: 1162201

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

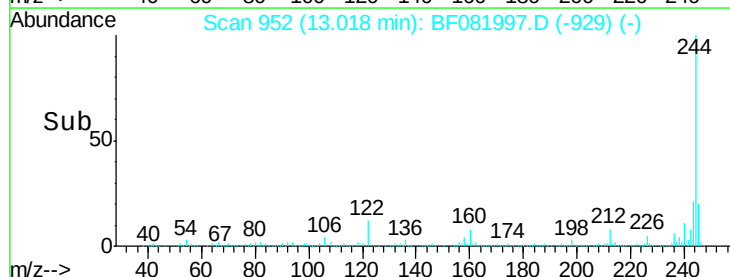
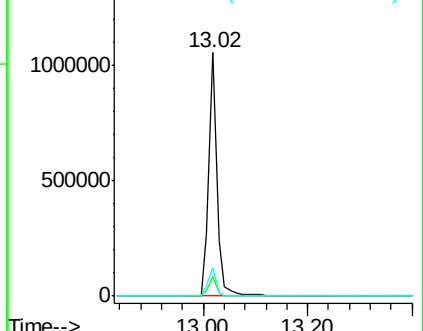
122 11.6 17.4 26.2#

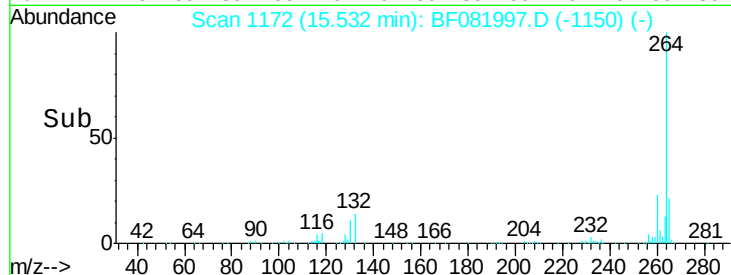
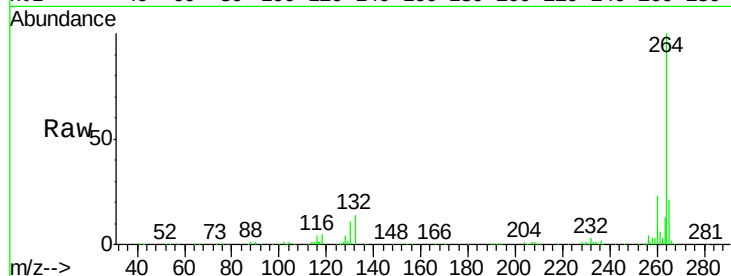
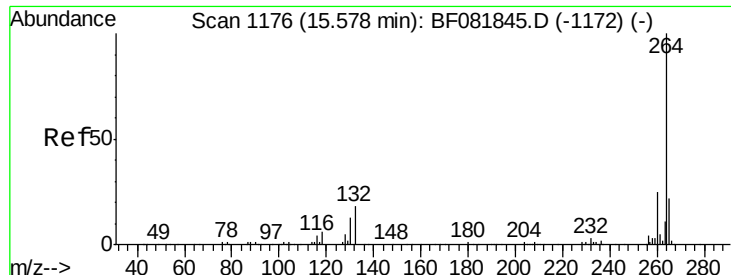


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081997.D
Acq: 3 Oct 2015 00:05

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(55-57)

Tgt Ion: 264 Resp: 363009
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.4 17.2 25.8

