

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082008.D
 Acq On : 3 Oct 2015 7:02
 Operator : UM/IZ
 Sample : G3905-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Quant Time: Oct 05 00:21:11 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

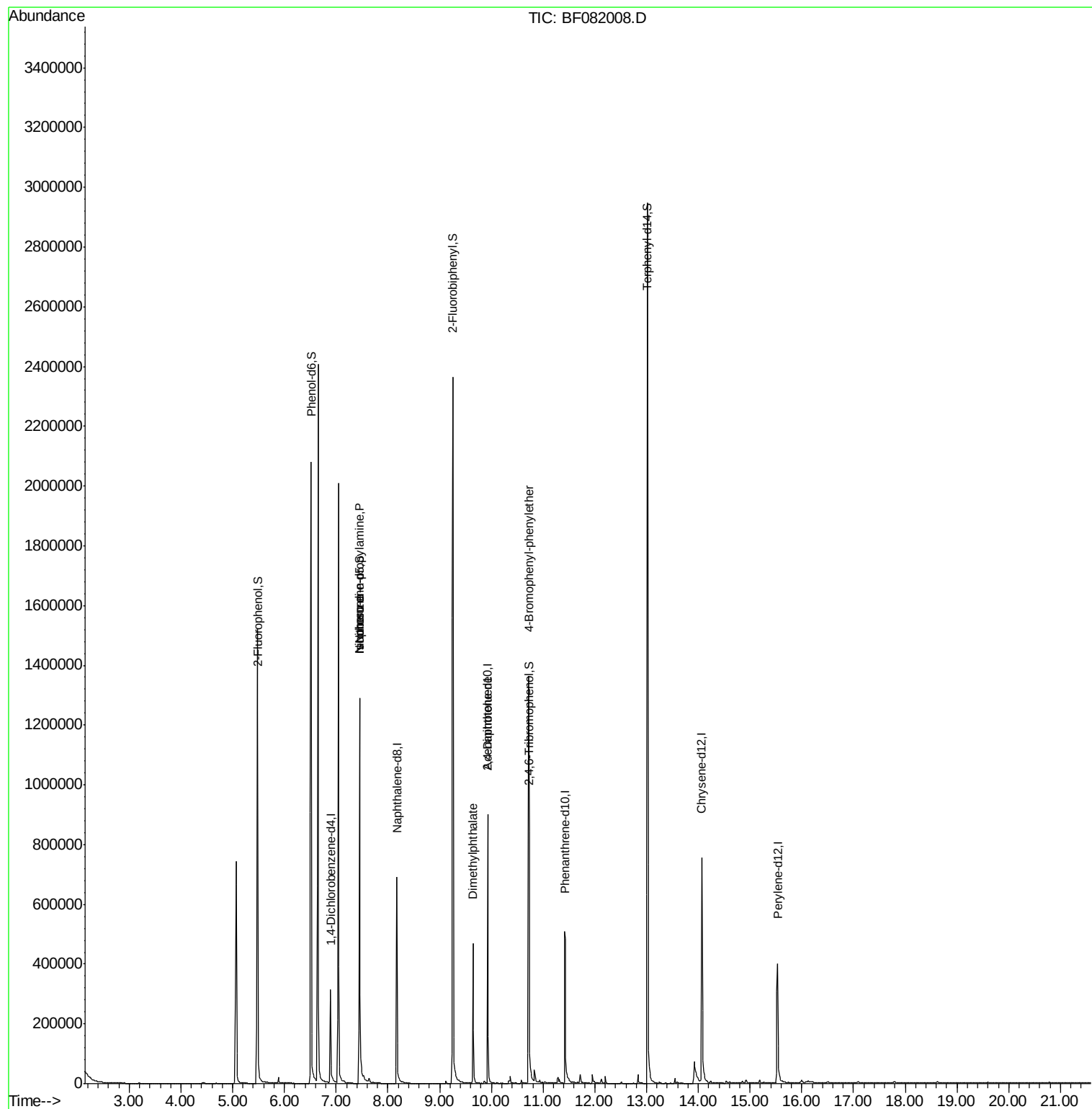
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	90361	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	371113	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	189437	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	364929	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	357940	20.00	ng	-0.05
86) Perylene-d12	15.53	264	274984	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	649018	130.39	ng	-0.03
7) Phenol-d6	6.51	99	865772	138.22	ng	-0.05
23) Nitrobenzene-d5	7.45	82	509542	91.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	245718	128.08	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1114542	102.51	ng	-0.05
78) Terphenyl-d14	13.02	244	1095656	105.95	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	63076	16.57	ng	# 59
25) Isophorone	7.45	82	455017	41.24	ng	# 58
49) Dimethylphthalate	9.65	163	238428	18.23	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	23361	6.45	ng	# 32
57) Fluorene	10.72	166	8987	Below Cal		# 84
66) 4-Bromophenyl-phenylether	10.72	248	15066	4.09	ng	# 1
73) Di-n-butylphthalate	11.99	149	3618	Below Cal		# 95

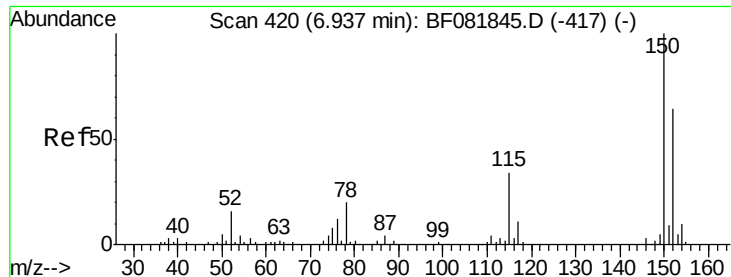
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082008.D

Acq: 3 Oct 2015 7:02

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

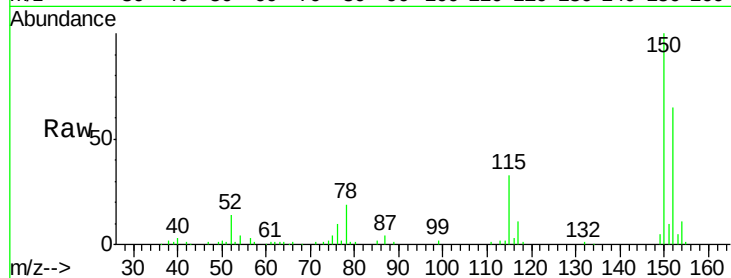
Tgt Ion:152 Resp: 90361

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

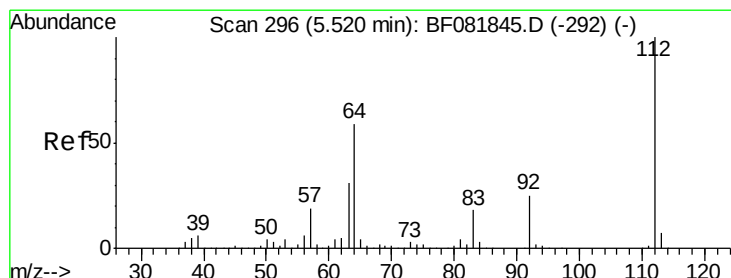
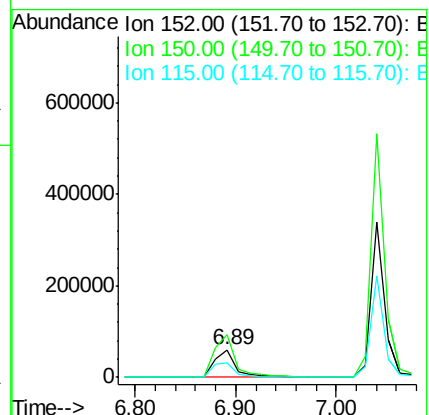
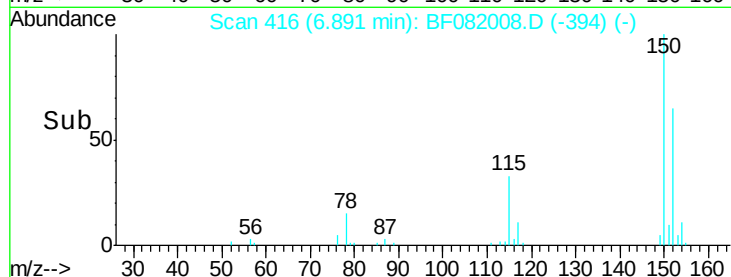
115 50.4 39.0 58.4



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: 130.39 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

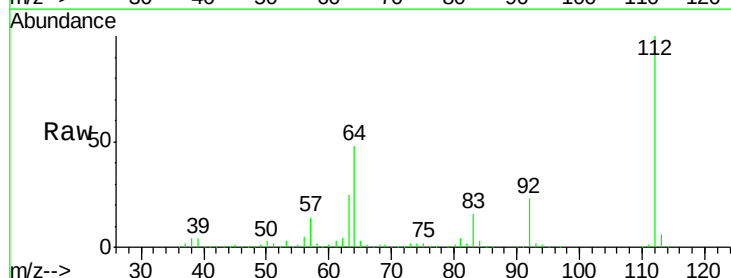
Tgt Ion:112 Resp: 649018

Ion Ratio Lower Upper

112 100

64 47.8 39.7 59.5

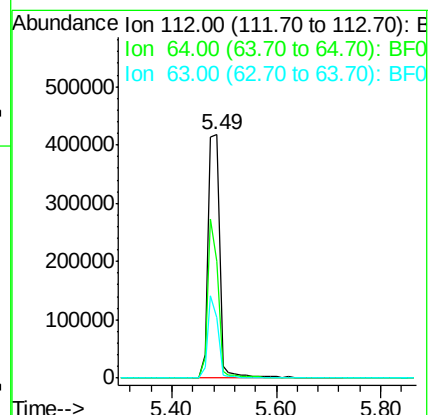
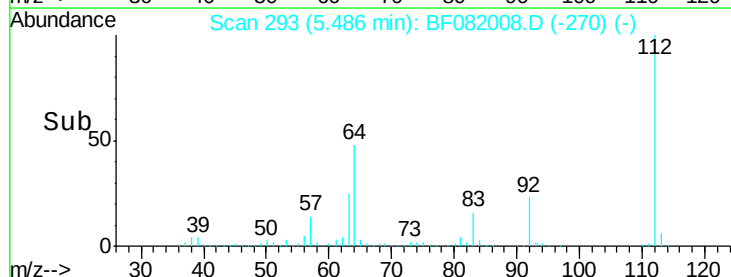
63 24.7 17.4 26.0

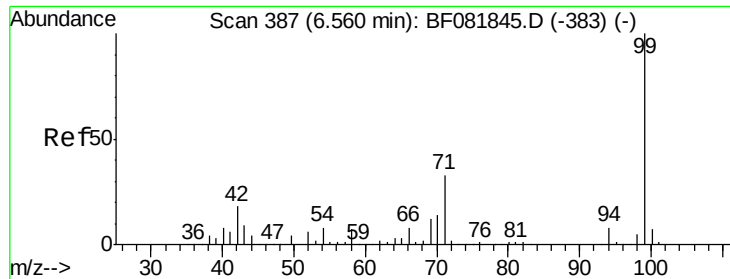


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.22 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

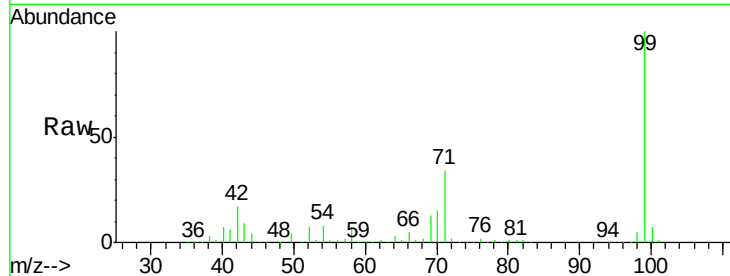
Tgt Ion: 99 Resp: 865772

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

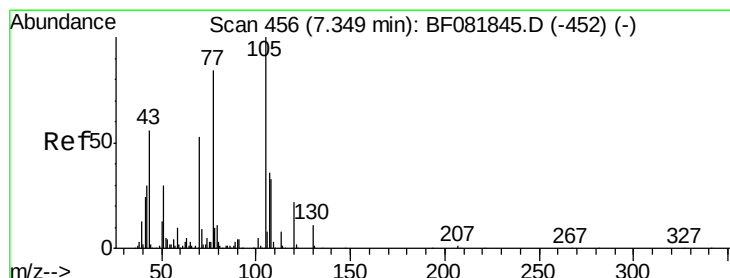
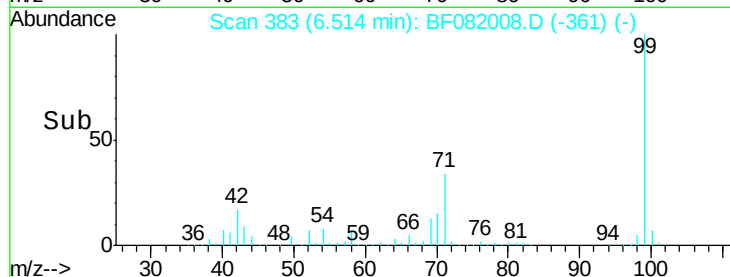
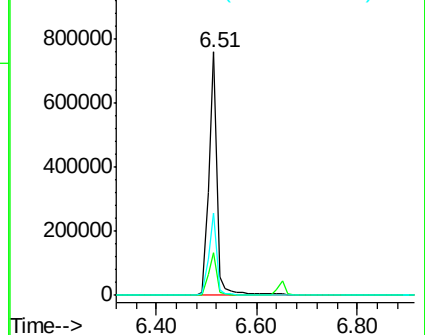
71 33.9 14.2 21.2#



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: 16.57 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

Tgt Ion: 70 Resp: 63076

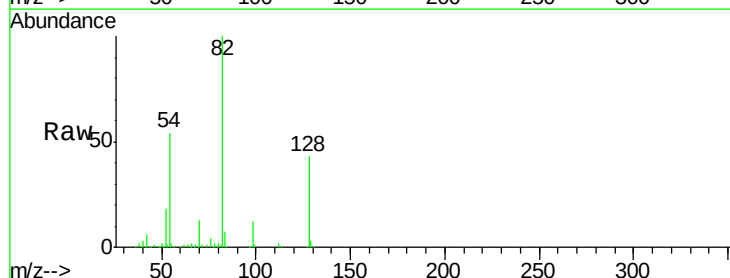
Ion Ratio Lower Upper

70 100

42 48.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

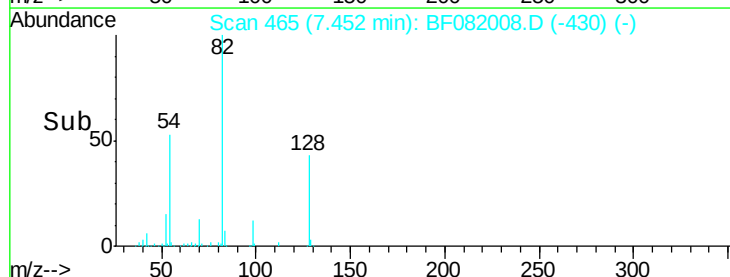
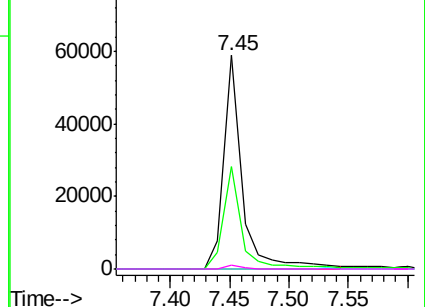


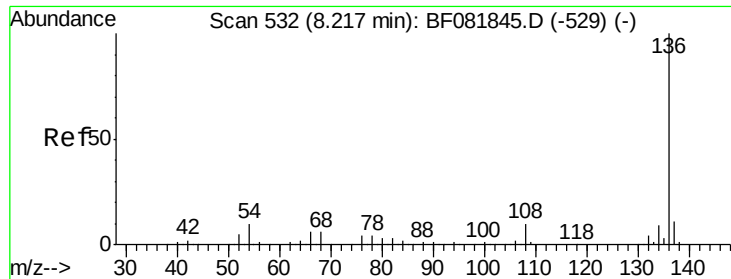
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

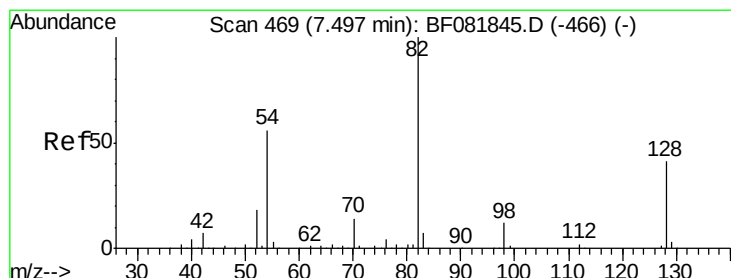
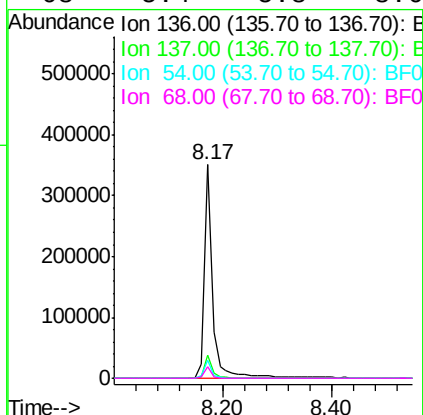
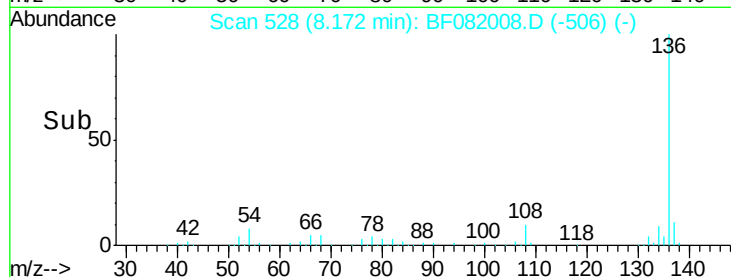
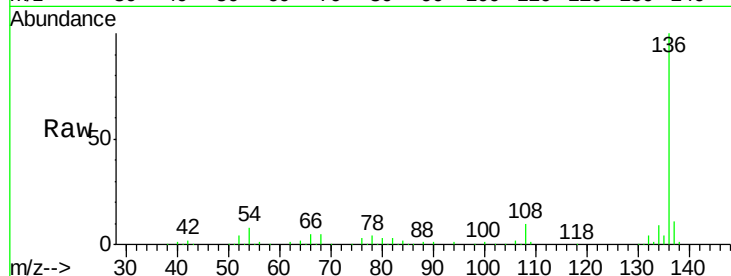




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082008.D
Acq: 3 Oct 2015 7:02

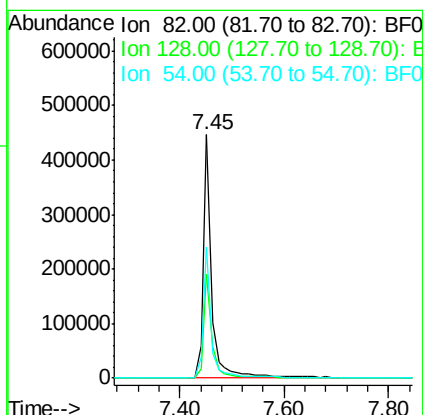
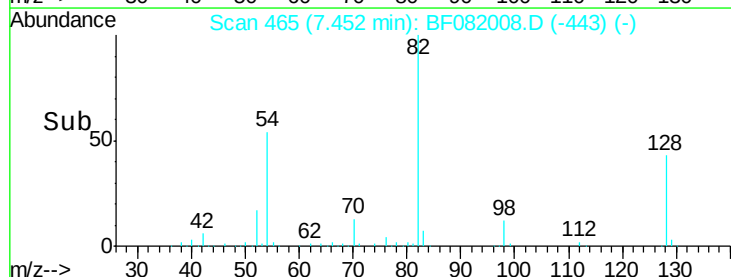
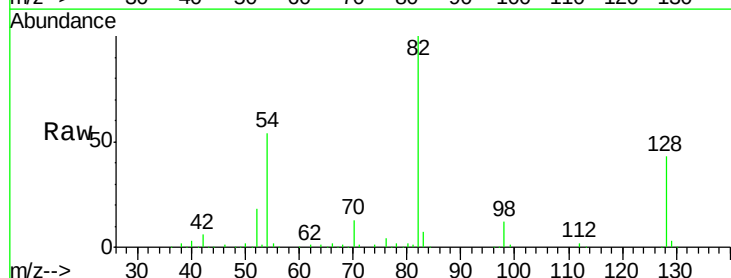
Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

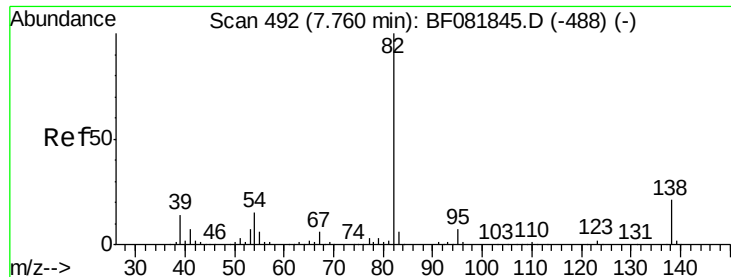
Tgt Ion:	136	Resp:	371113
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.4	8.2	12.2
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 91.52 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082008.D
Acq: 3 Oct 2015 7:02

Tgt Ion:	82	Resp:	509542
Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	53.7	47.5	71.3





#25

Isophorone

Concen: 41.24 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

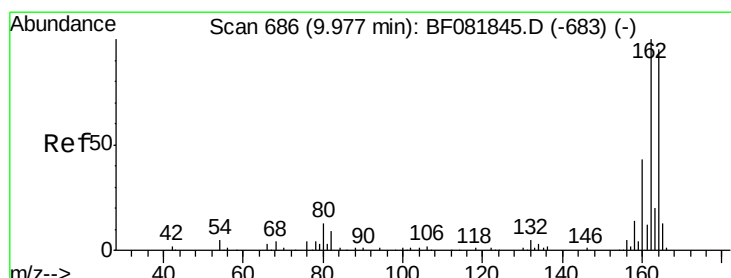
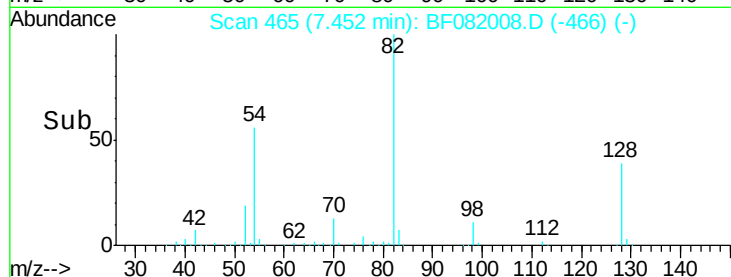
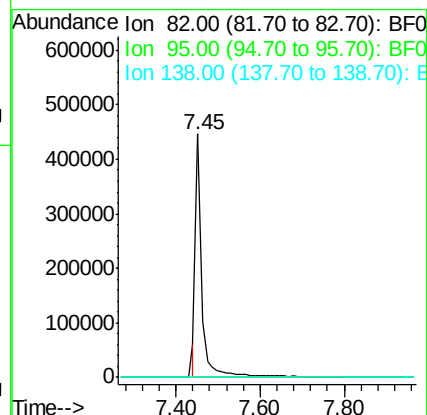
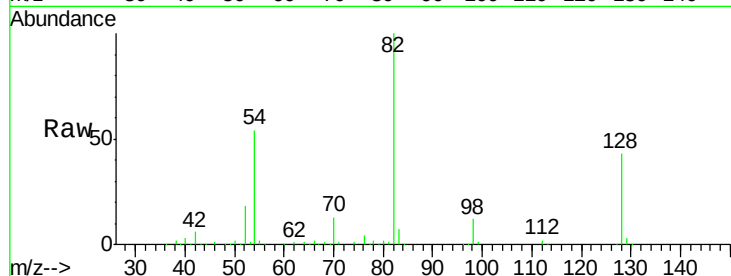
Tgt Ion: 82 Resp: 455017

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

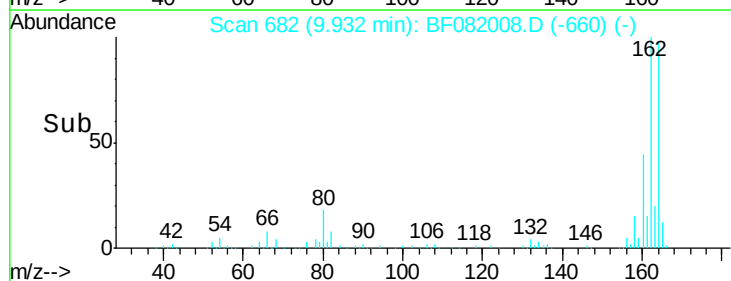
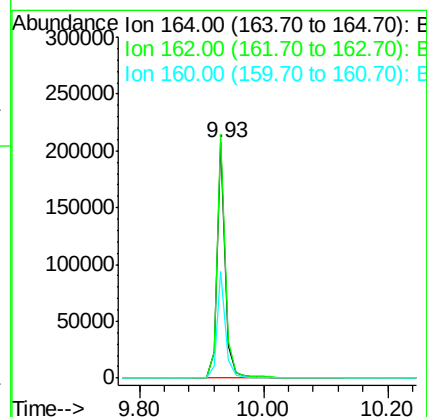
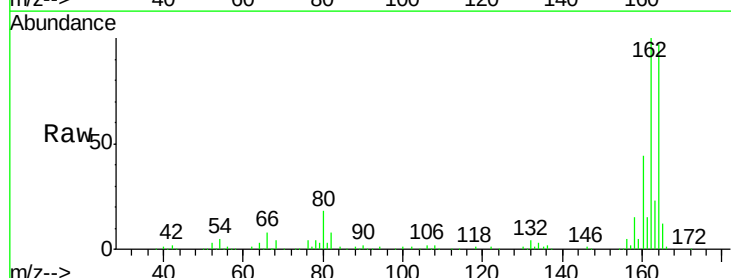
Tgt Ion: 164 Resp: 189437

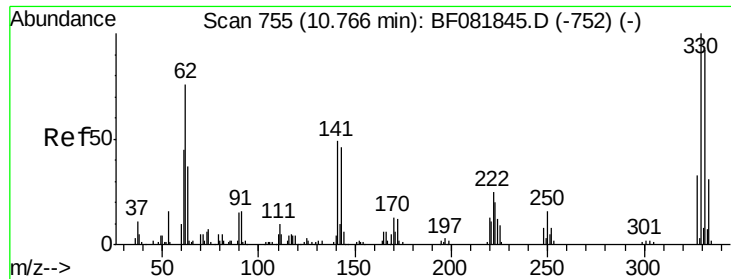
Ion Ratio Lower Upper

164 100

162 103.2 75.2 112.8

160 45.5 31.5 47.3

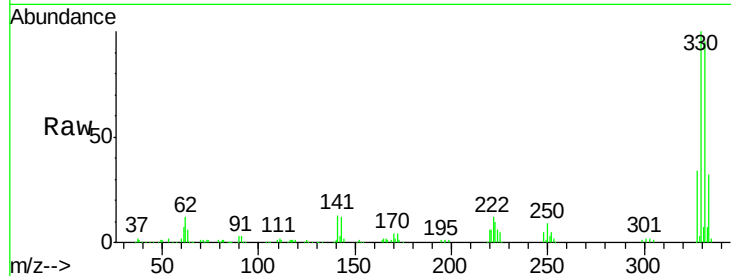




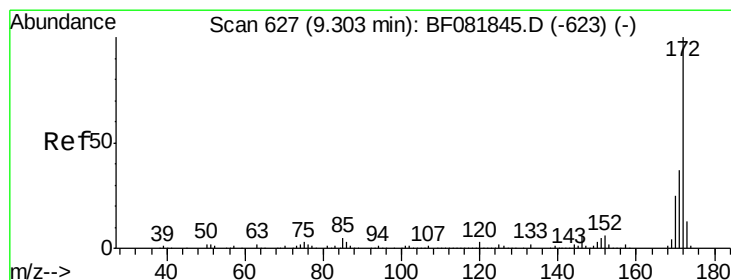
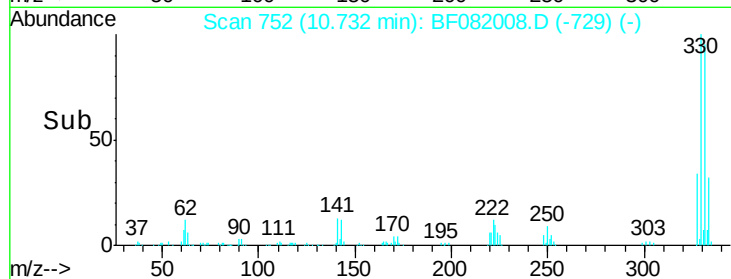
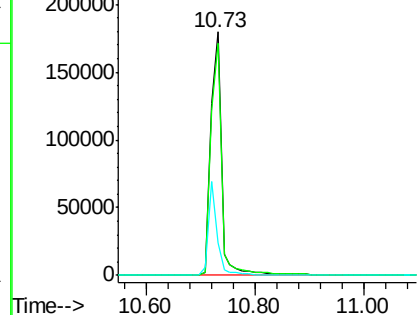
#41
 2,4,6-Tribromophenol
 Concen: 128.08 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082008.D
 Acq: 3 Oct 2015 7:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:330 Resp: 245718
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 31.5 29.7 44.5

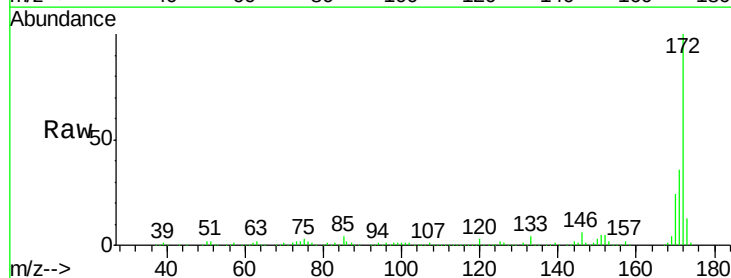


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

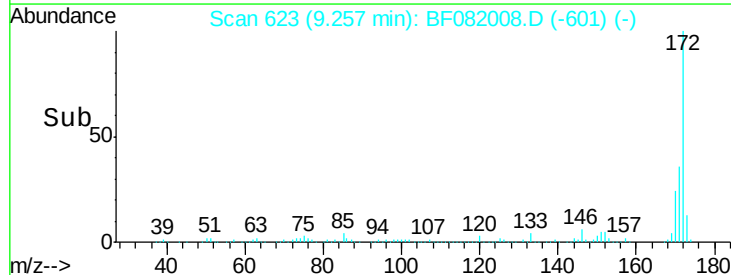
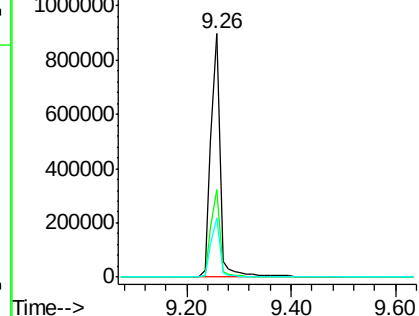


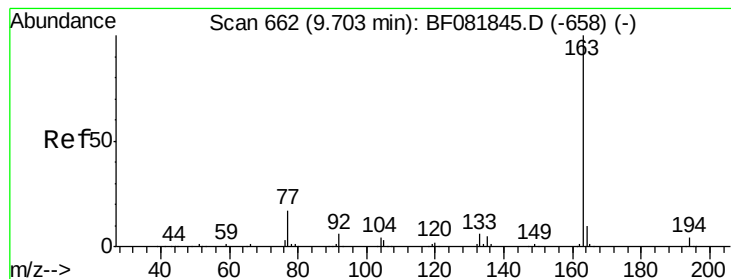
#44
 2-Fluorobiphenyl
 Concen: 102.51 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082008.D
 Acq: 3 Oct 2015 7:02

Tgt Ion:172 Resp: 1114542
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.3 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: 18.23 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

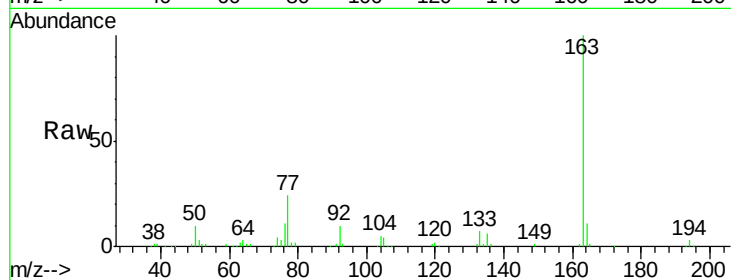
Tgt Ion:163 Resp: 238428

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

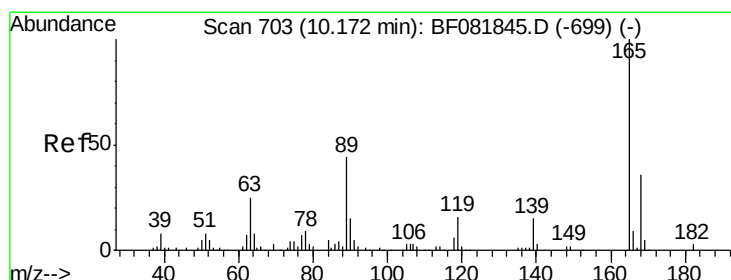
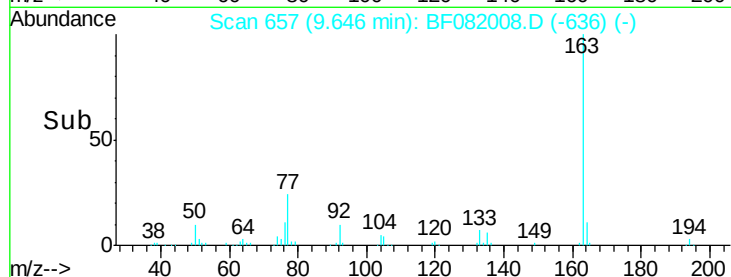
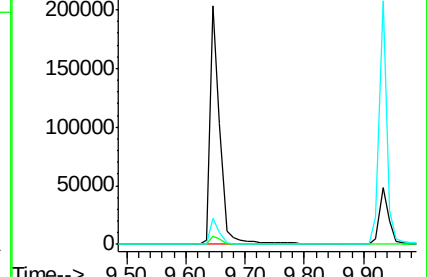
164 10.7 8.3 12.5



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: 6.45 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

Tgt Ion:165 Resp: 23361

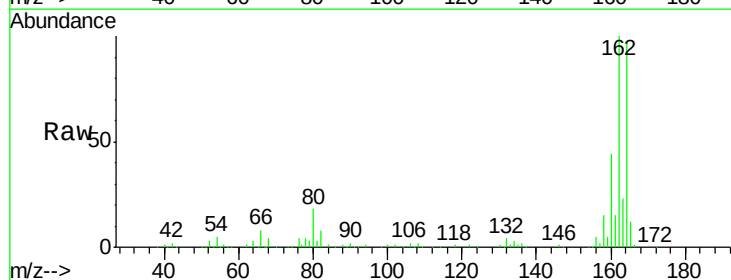
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

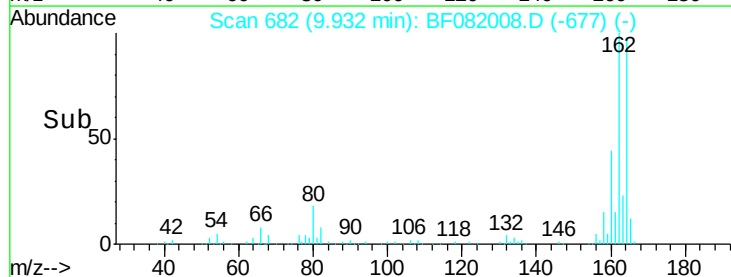
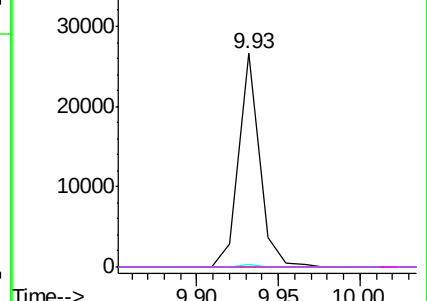


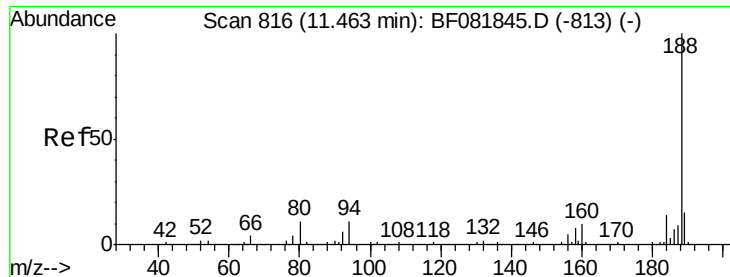
Abundance Ion 165.00 (164.70 to 165.70): E

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

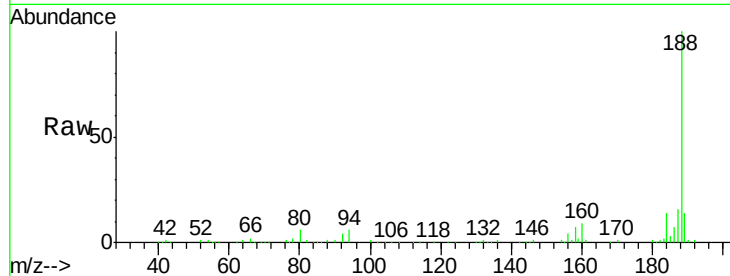




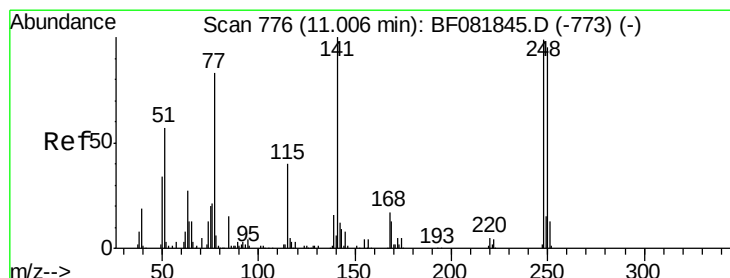
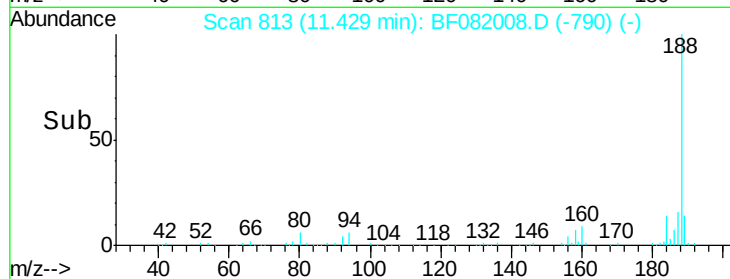
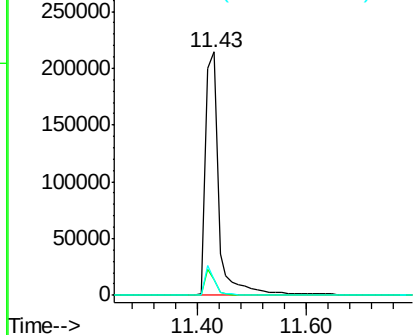
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082008.D
 Acq: 3 Oct 2015 7:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:188 Resp: 364929
 Ion Ratio Lower Upper
 188 100
 94 6.3 11.1 16.7#
 80 6.3 11.0 16.4#

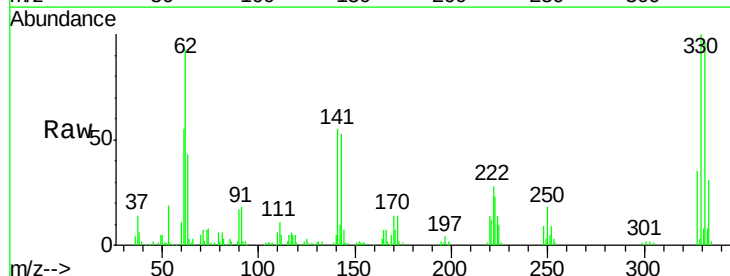


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

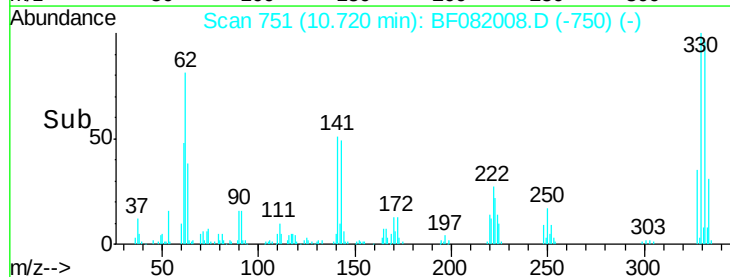
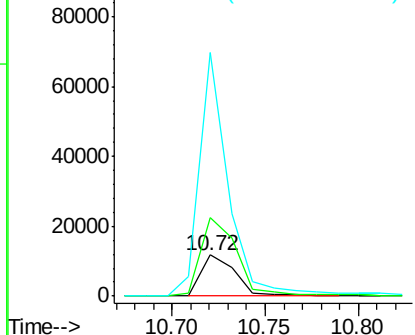


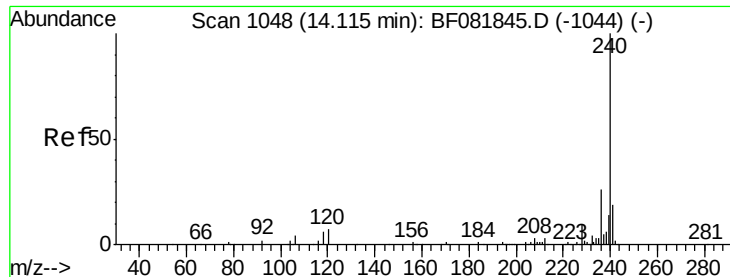
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082008.D
 Acq: 3 Oct 2015 7:02

Tgt Ion:248 Resp: 15066
 Ion Ratio Lower Upper
 248 100
 250 188.9 78.5 117.7#
 141 590.6 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: BF082008.D

Acq: 3 Oct 2015 7:02

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

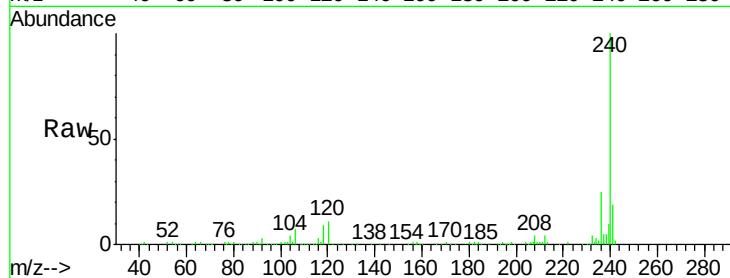
Tgt Ion:240 Resp: 357940

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

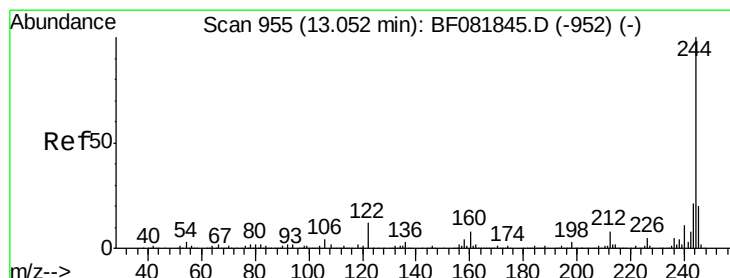
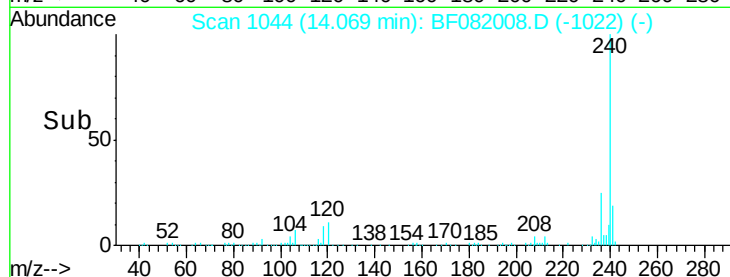
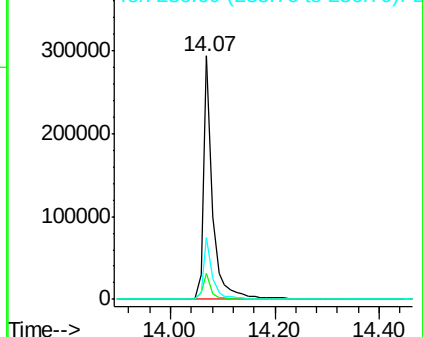
236 25.4 18.4 27.6



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: 105.95 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082008.D

Acq: 3 Oct 2015 7:02

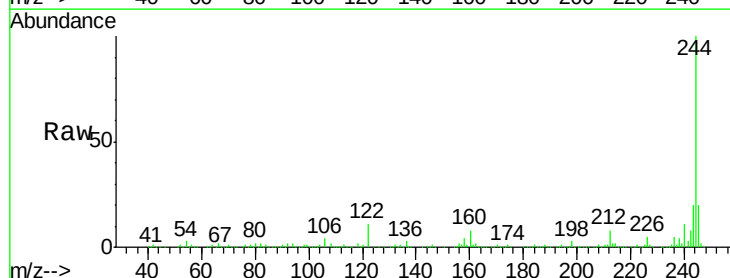
Tgt Ion:244 Resp: 1095656

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

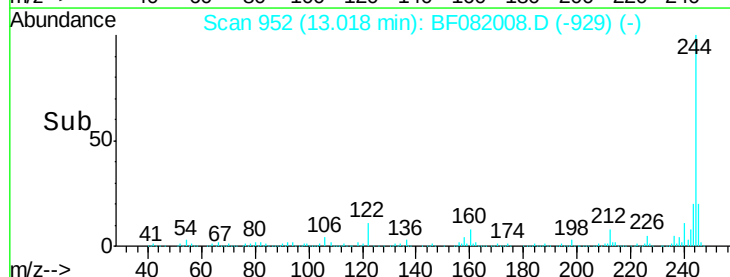
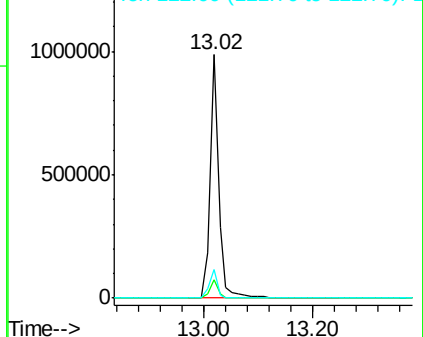
122 11.5 17.4 26.2#

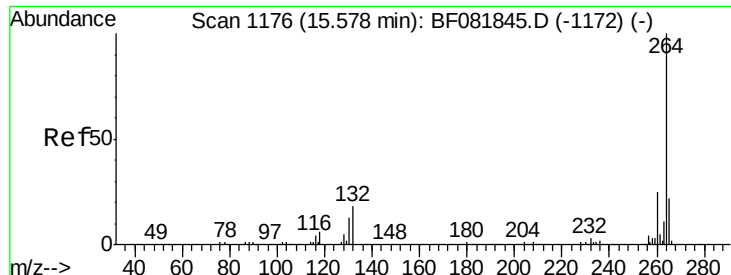


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082008.D
Acq: 3 Oct 2015 7:02

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

Tgt Ion: 264 Resp: 274984
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.2 17.2 25.8

