

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082006.D
 Acq On : 3 Oct 2015 6:03
 Operator : UM/IZ
 Sample : G3897-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Oct 05 06:48:48 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	101105	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	415817	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	211219	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	407451	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	409661	20.00	ng	-0.05
86) Perylene-d12	15.53	264	319076	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	808102	145.09	ng	-0.03
7) Phenol-d6	6.51	99	943666	134.65	ng	-0.05
23) Nitrobenzene-d5	7.45	82	610237	97.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	320157	149.67	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1286816	107.36	ng	-0.05
78) Terphenyl-d14	13.02	244	1288213	110.55	ng	-0.03

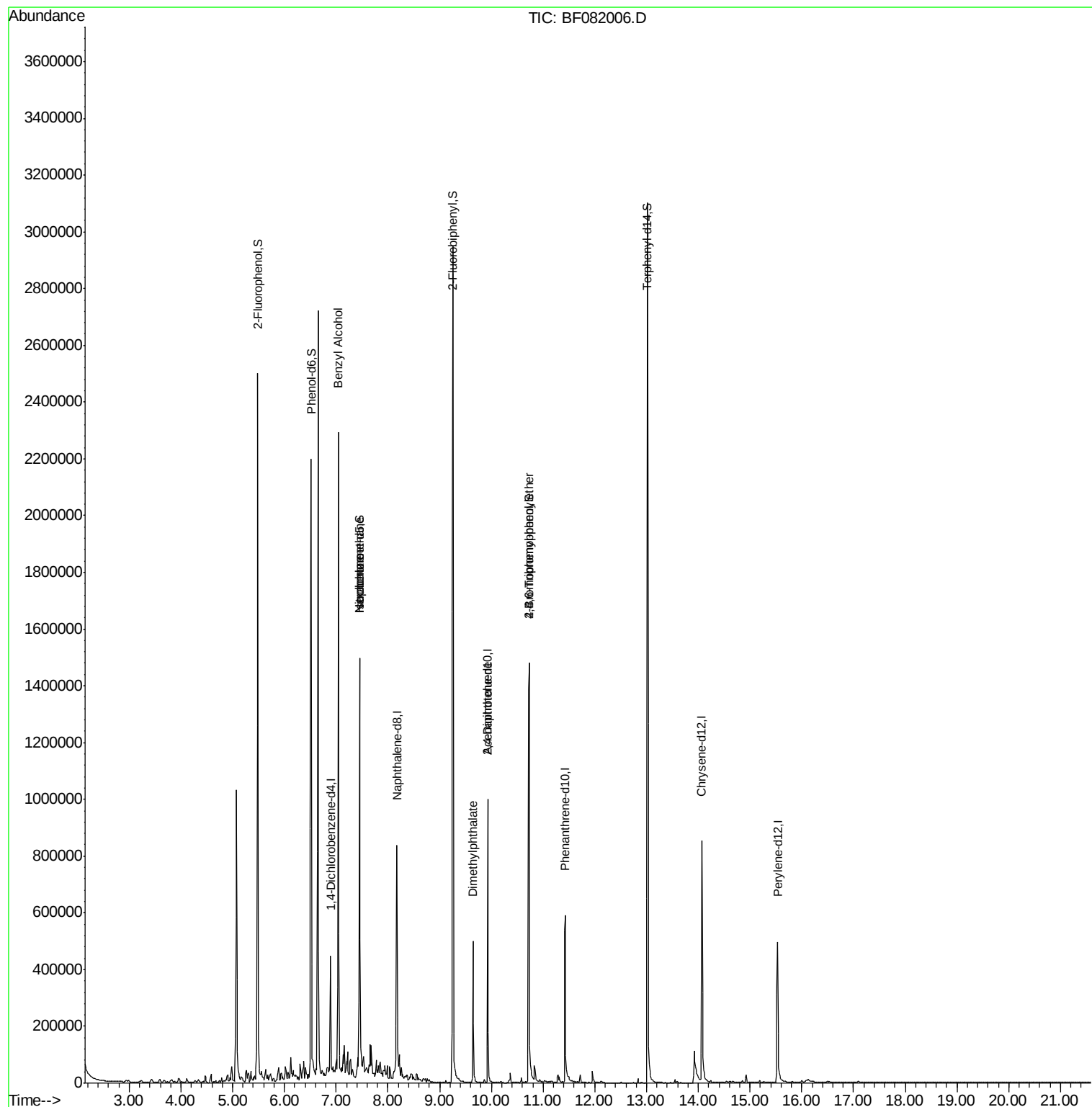
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	12455	2.46	ng	# 32
18) Hexachloroethane	7.45	117	15513	6.53	ng	# 6
25) Isophorone	7.45	82	509488	41.21	ng	# 59
49) Dimethylphthalate	9.65	163	260342	17.86	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	26056	6.46	ng	# 33
57) Fluorene	10.72	166	11752	Below Cal		# 80
66) 4-Bromophenyl-phenylether	10.73	248	20855	5.08	ng	# 1
70) Phenanthrene	11.45	178	266	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	1356	Below Cal		# 78

(#) = 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: BF082006.D

Acq: 3 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

DUP

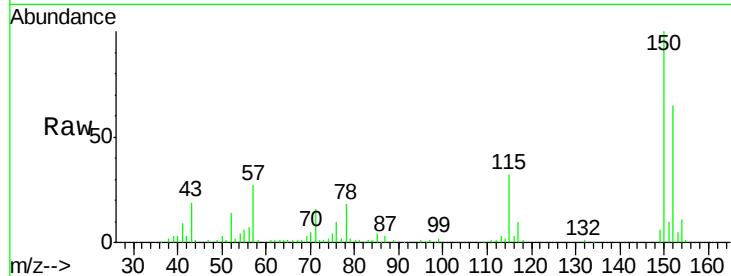
Tgt Ion:152 Resp: 101105

Ion Ratio Lower Upper

152 100

150 153.9 124.7 187.1

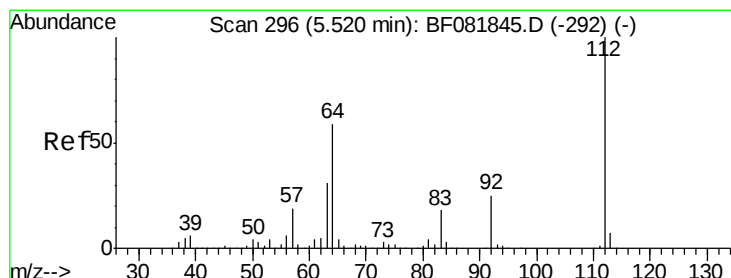
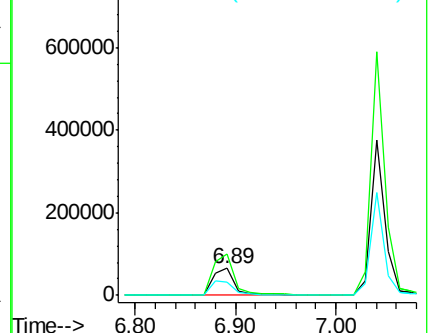
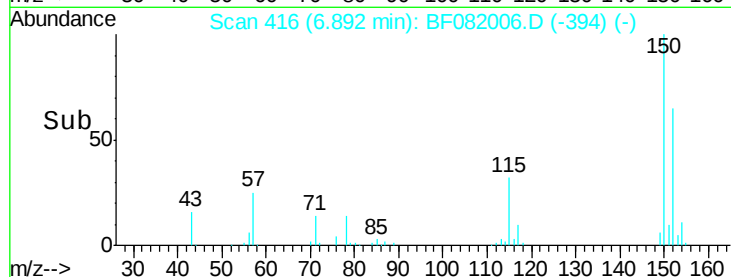
115 49.0 39.0 58.4



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: 145.09 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

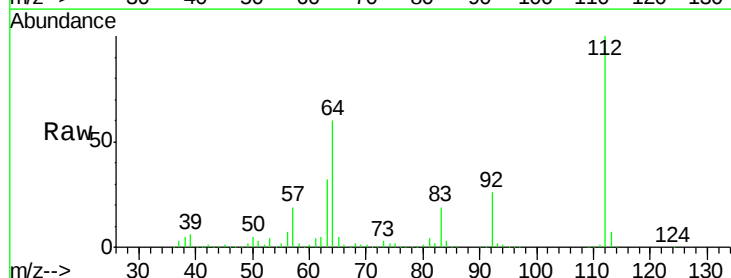
Tgt Ion:112 Resp: 808102

Ion Ratio Lower Upper

112 100

64 60.4 39.7 59.5#

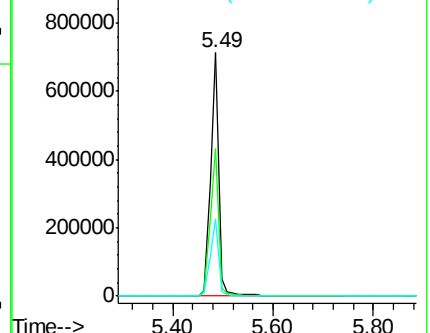
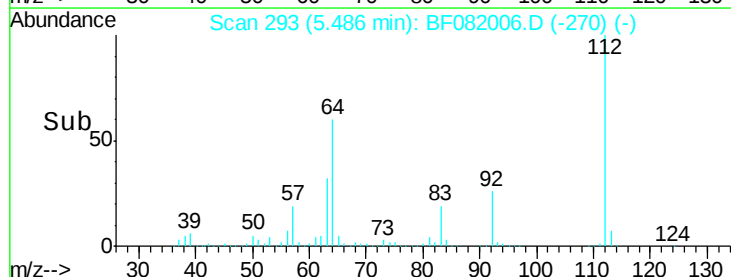
63 32.0 17.4 26.0#

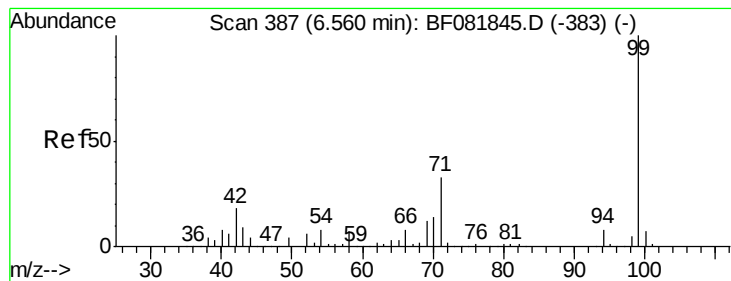


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.65 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

Instrument :

BNA_F

ClientSampled :

DUP

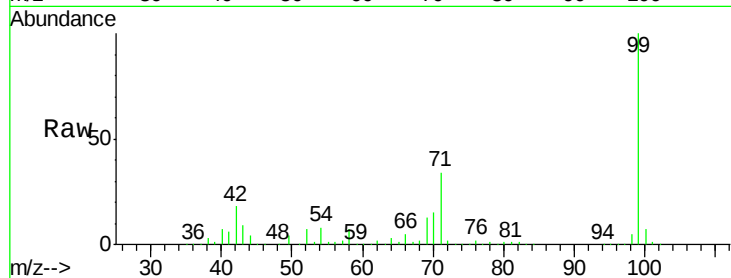
Tgt Ion: 99 Resp: 943666

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

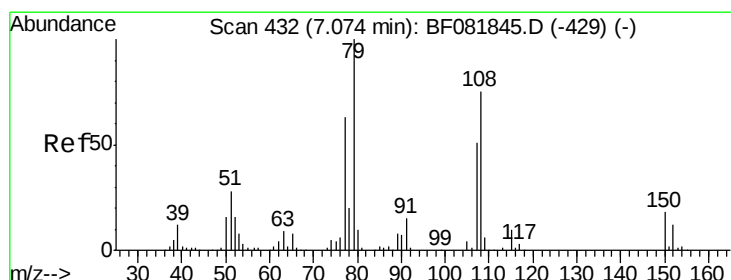
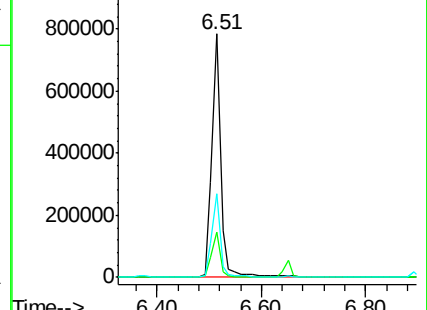
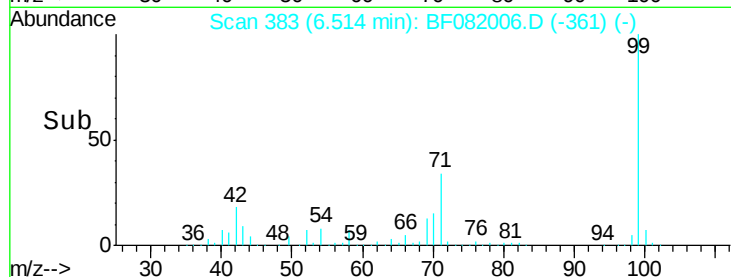
71 34.4 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

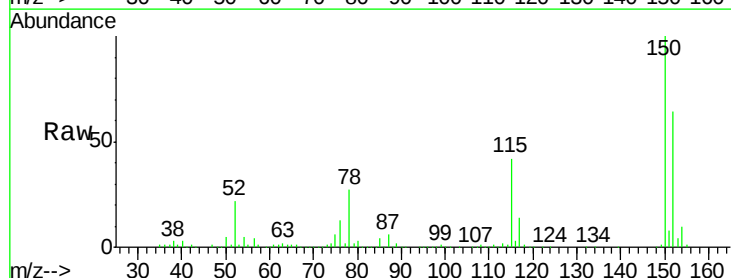
Tgt Ion: 79 Resp: 12455

Ion Ratio Lower Upper

79 100

108 29.8 88.6 132.8#

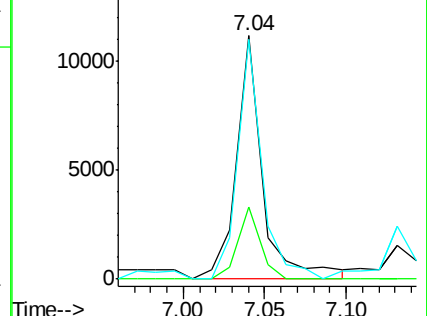
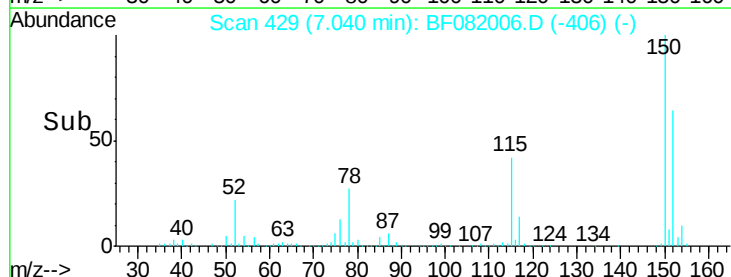
77 98.3 47.0 70.4#

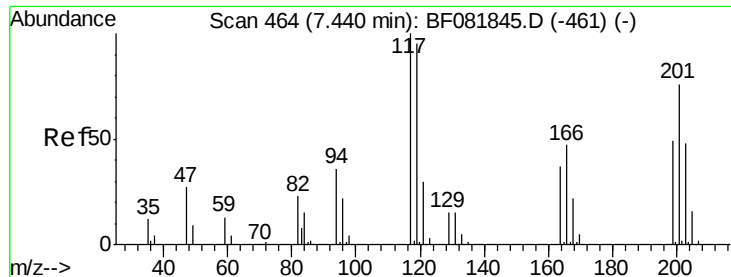


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 6.53 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

DUP

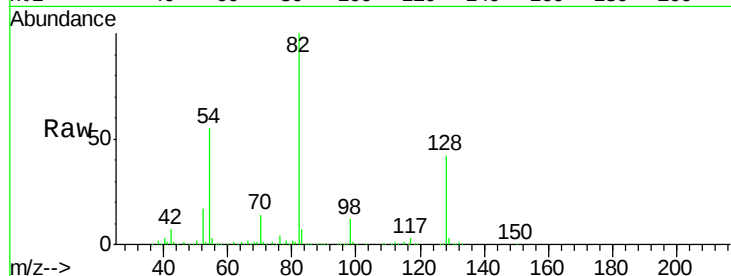
Tgt Ion:117 Resp: 15513

Ion Ratio Lower Upper

117 100

119 2.7 83.8 125.6#

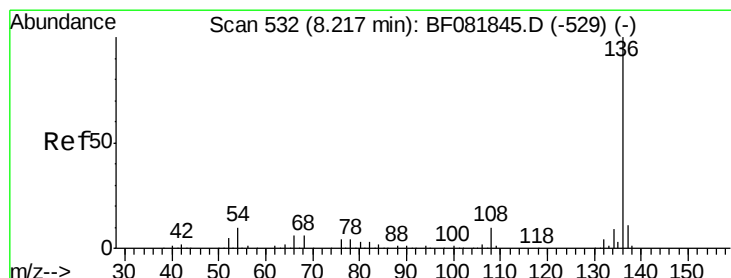
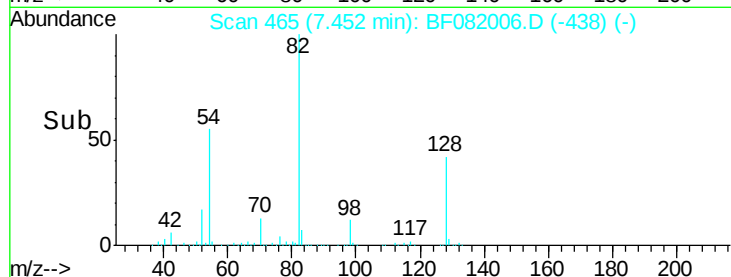
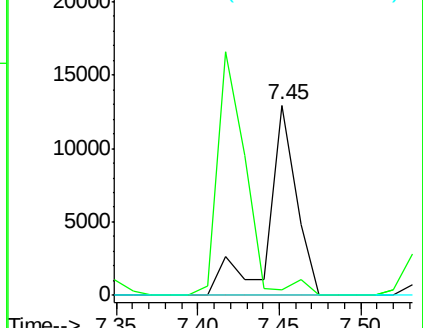
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

Tgt Ion:136 Resp: 415817

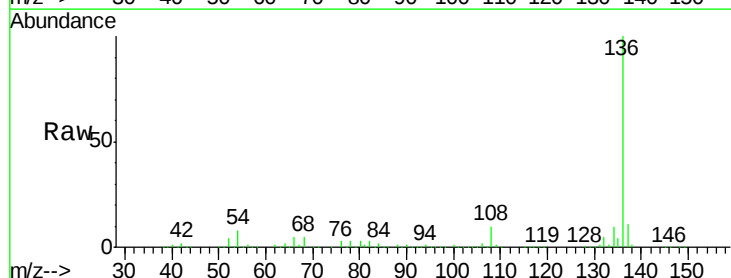
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.7 8.2 12.2#

68 5.1 5.8 8.6#

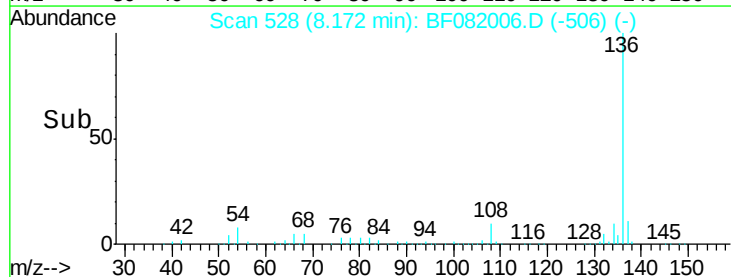
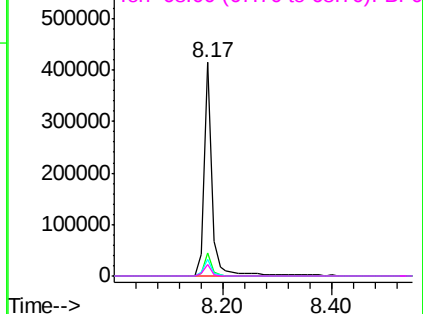


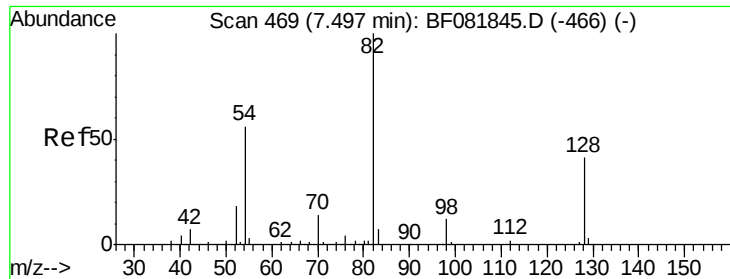
Abundance Ion 136.00 (135.70 to 136.70): E

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

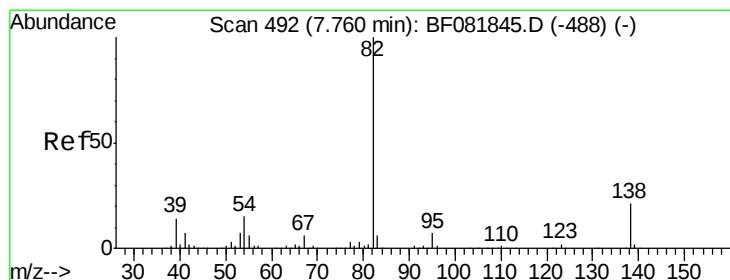
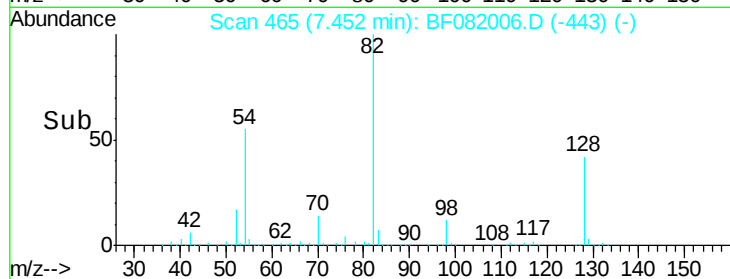
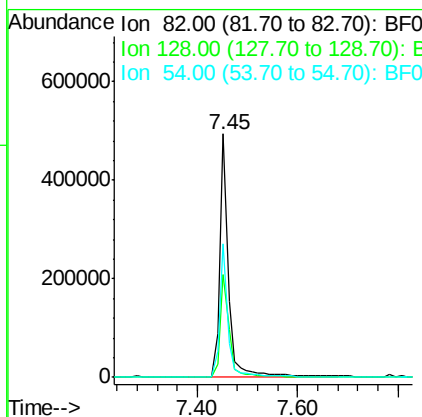
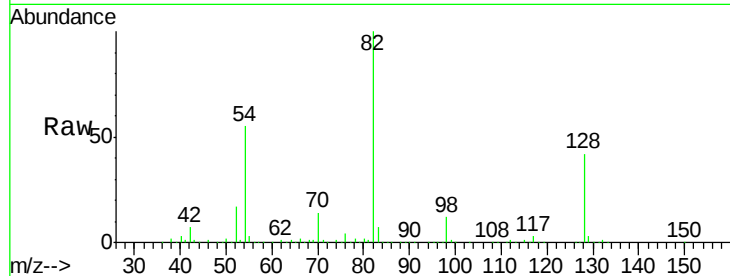




#23
 Nitrobenzene-d5
 Concen: 97.83 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

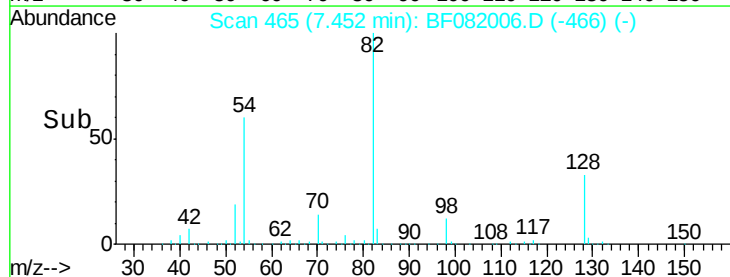
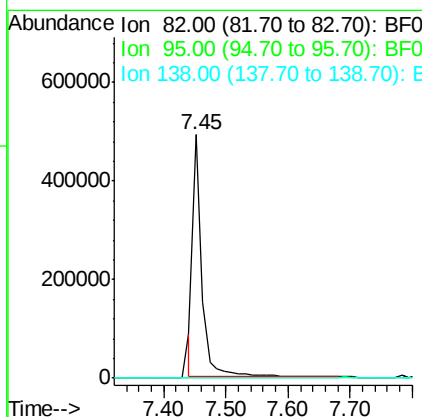
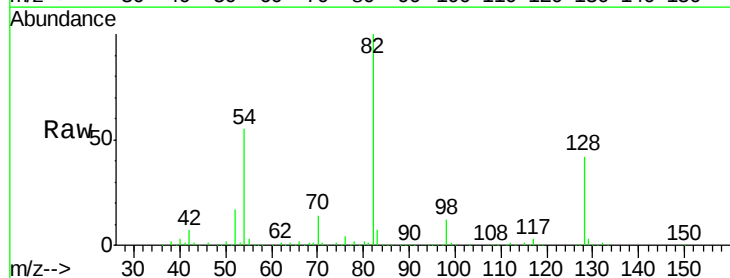
Instrument :
 BNA_F
 ClientSampleId :
 DUP

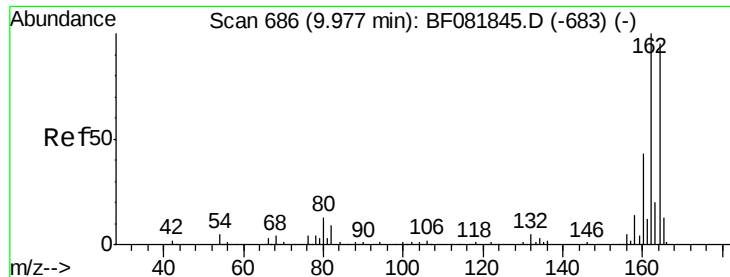
Tgt Ion: 82 Resp: 610237
 Ion Ratio Lower Upper
 82 100
 128 42.3 51.0 76.6#
 54 54.7 47.5 71.3



#25
 Isophorone
 Concen: 41.21 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

Tgt Ion: 82 Resp: 509488
 Ion Ratio Lower Upper
 82 100
 95 0.1 4.0 6.0#
 138 0.0 18.3 27.5#

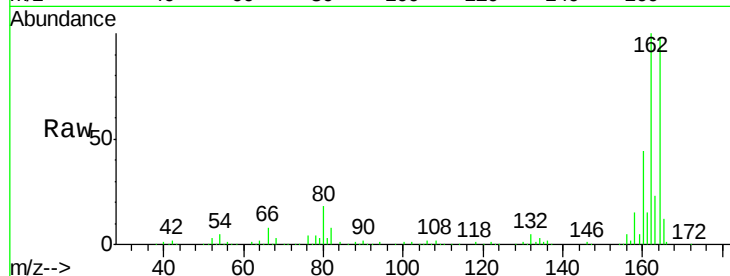




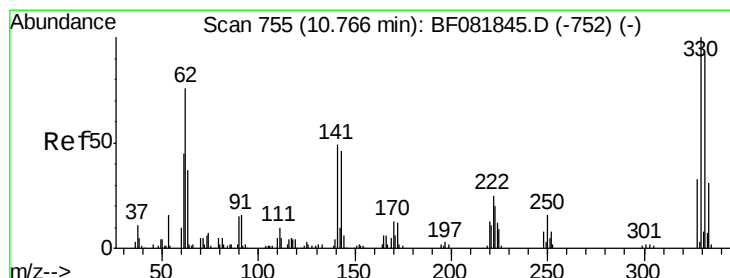
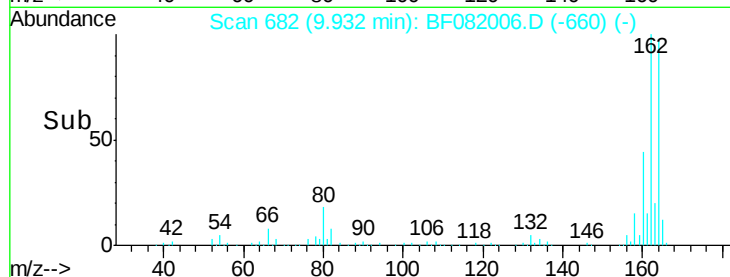
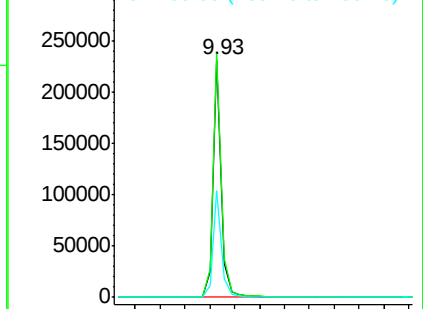
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082006.D
Acq: 3 Oct 2015 6:03

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:164 Resp: 211219
Ion Ratio Lower Upper
164 100
162 102.5 75.2 112.8
160 45.2 31.5 47.3

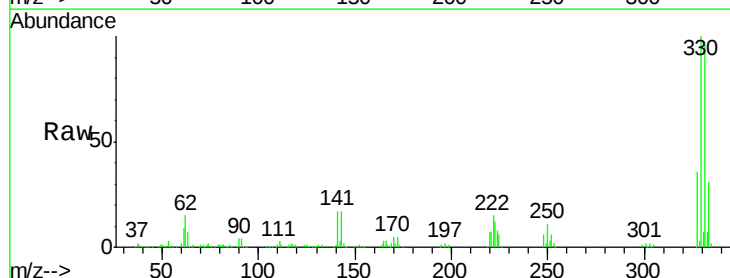


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

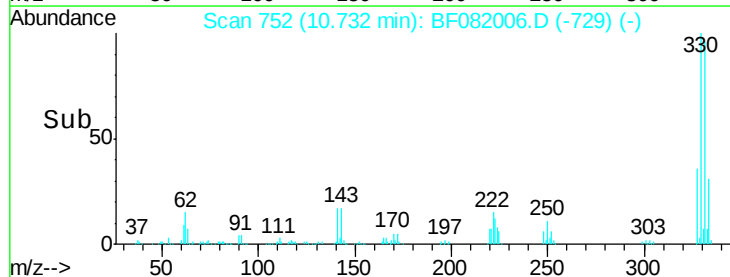
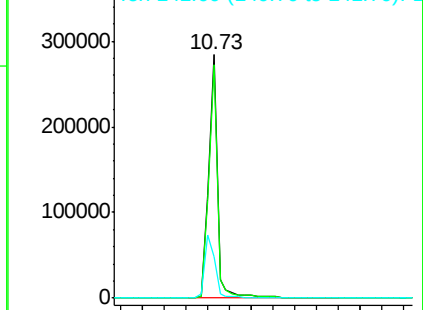


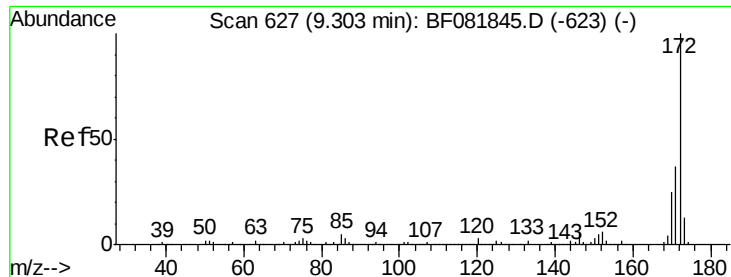
#41
2,4,6-Tribromophenol
Concen: 149.67 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082006.D
Acq: 3 Oct 2015 6:03

Tgt Ion:330 Resp: 320157
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 31.0 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

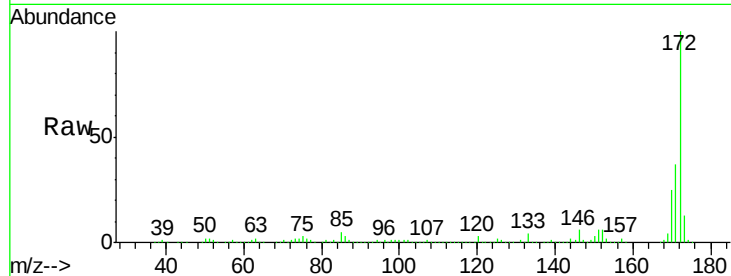




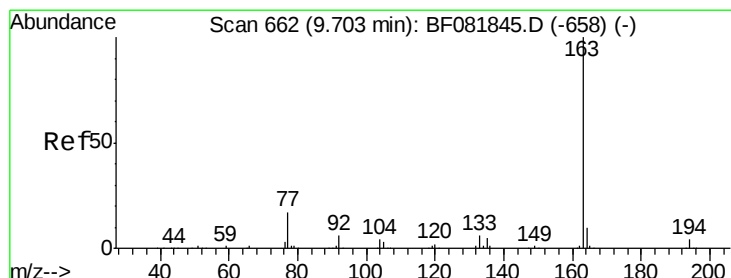
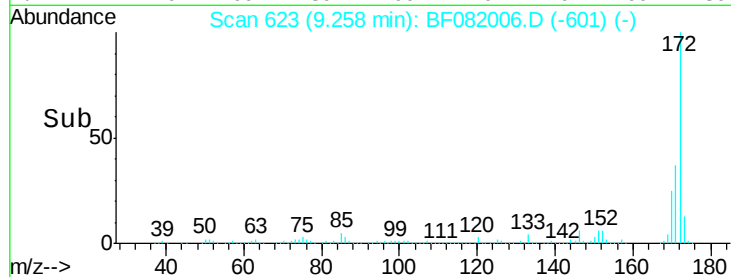
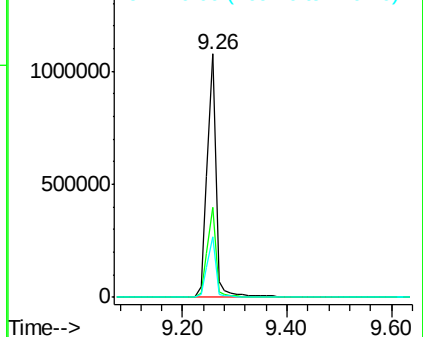
#44
 2-Fluorobiphenyl
 Concen: 107.36 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

Instrument :
 BNA_F
 ClientSampleID :
 DUP

Tgt Ion:172 Resp: 1286816
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.7 17.4 26.2

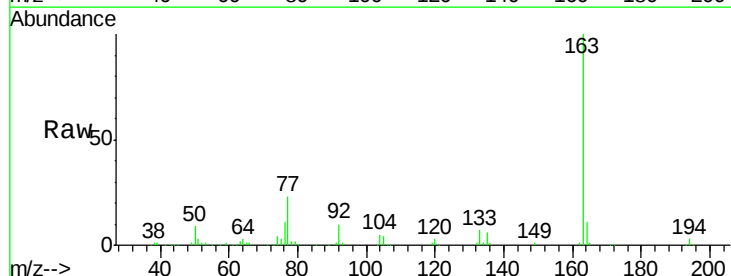


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

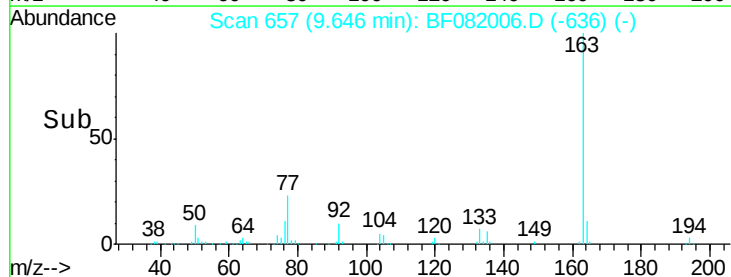
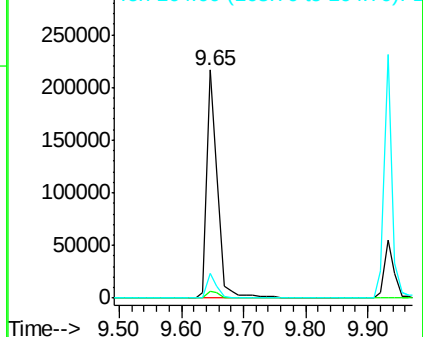


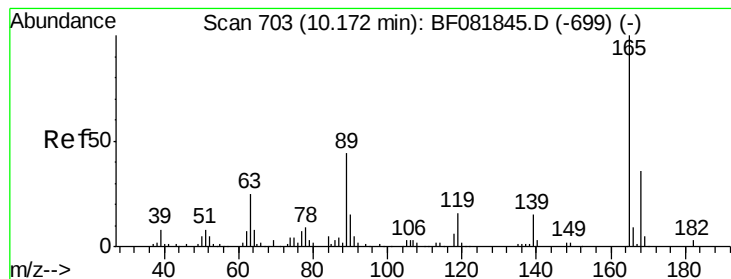
#49
 Dimethylphthalate
 Concen: 17.86 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

Tgt Ion:163 Resp: 260342
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.6 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: 6.46 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082006.D

Acq: 3 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

DUP

Tgt Ion:165 Resp: 26056

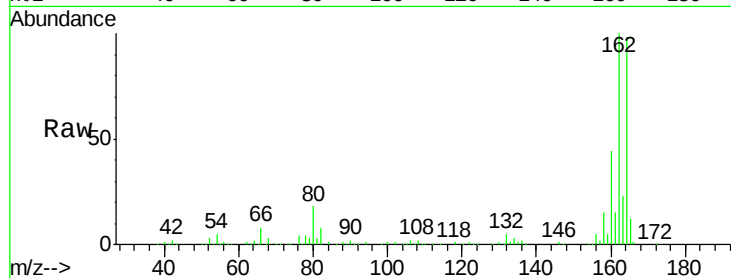
Ion Ratio Lower Upper

165 100

63 1.5 29.8 44.6#

89 1.3 44.5 66.7#

182 0.0 3.0 4.4#

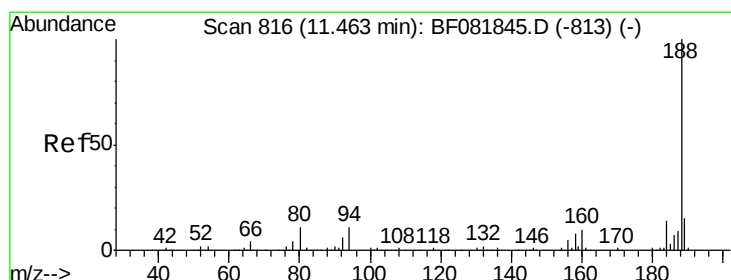
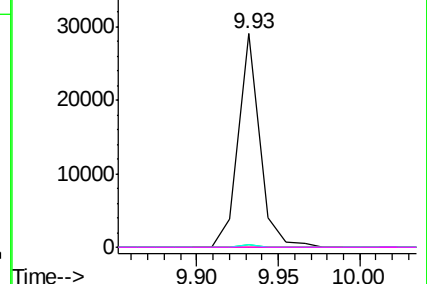
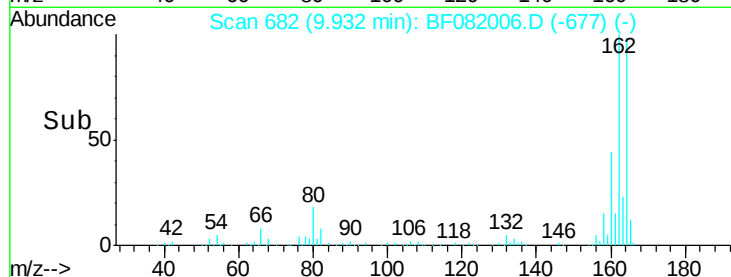


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082006.D

Acq: 3 Oct 2015 6:03

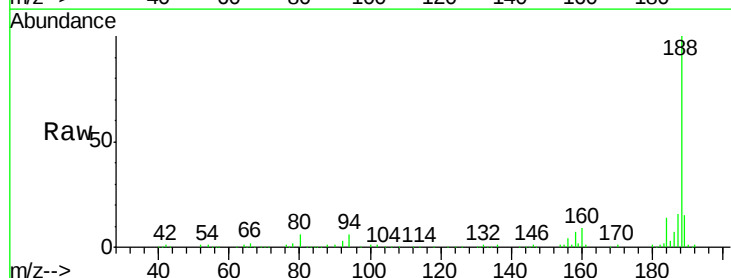
Tgt Ion:188 Resp: 407451

Ion Ratio Lower Upper

188 100

94 6.4 11.1 16.7#

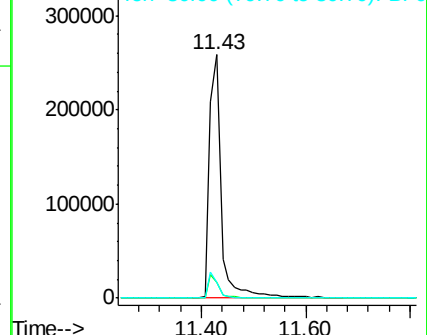
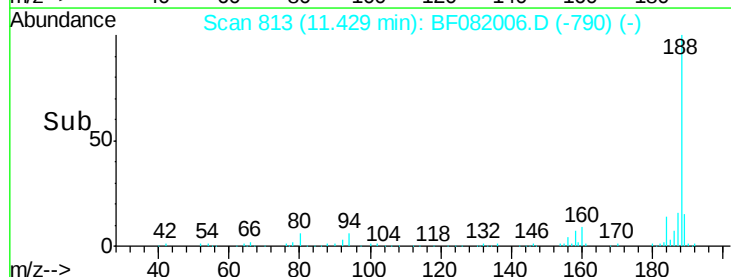
80 6.2 11.0 16.4#

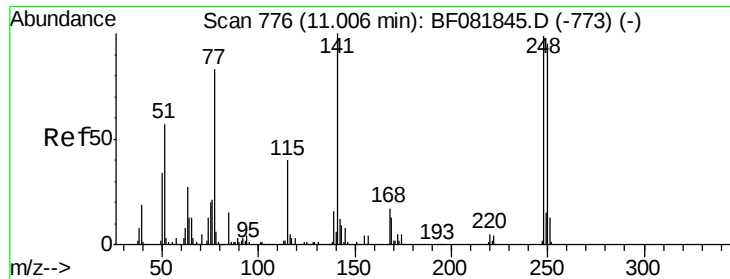


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

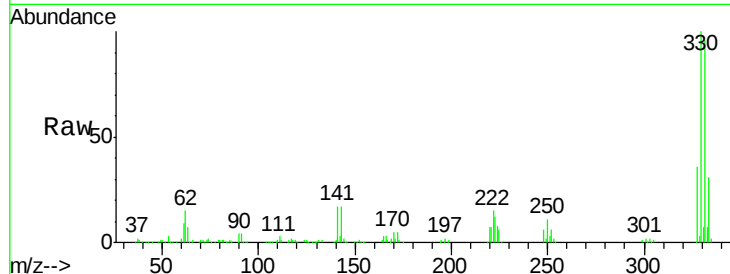




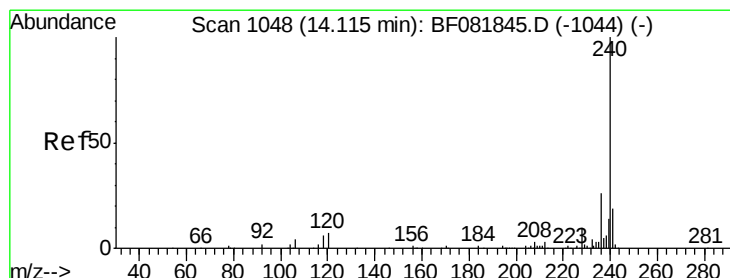
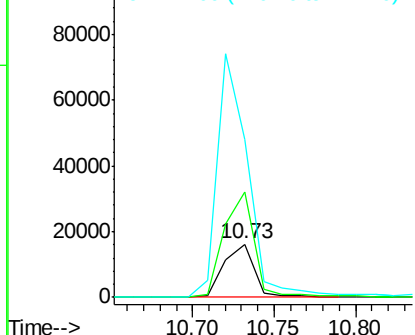
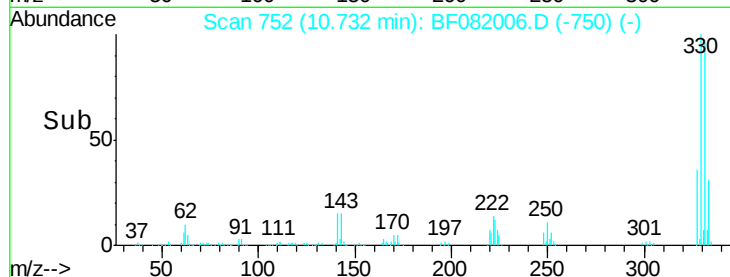
#66
4-Bromophenyl-phenylether
Concen: 5.08 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF082006.D
Acq: 3 Oct 2015 6:03

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion: 248 Resp: 20855
Ion Ratio Lower Upper
248 100
250 197.5 78.5 117.7#
141 294.6 59.0 88.6#

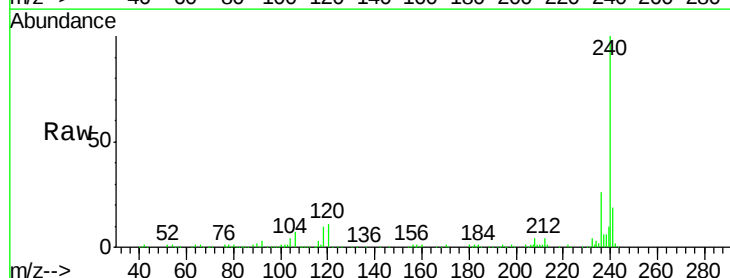


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

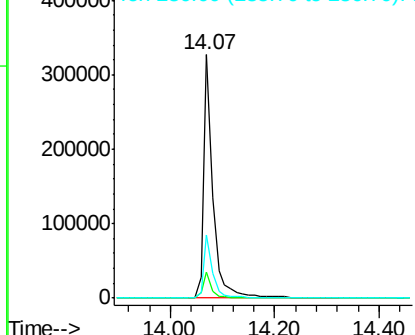
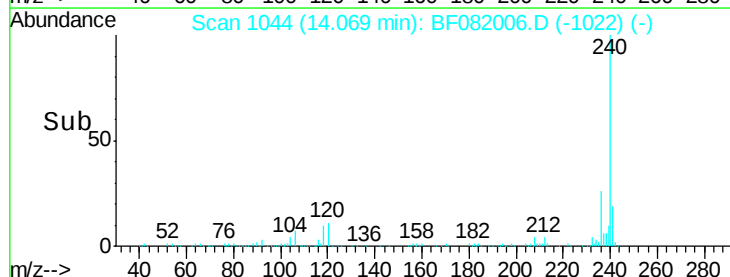


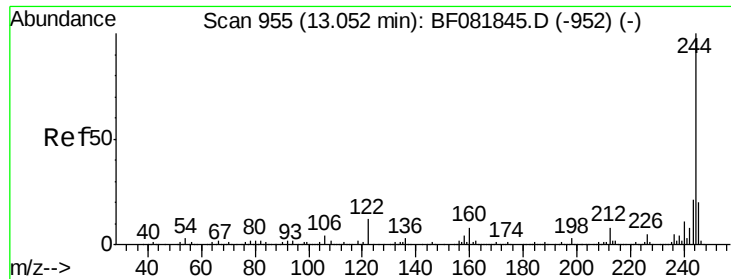
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082006.D
Acq: 3 Oct 2015 6:03

Tgt Ion: 240 Resp: 409661
Ion Ratio Lower Upper
240 100
120 10.7 16.2 24.2#
236 25.9 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

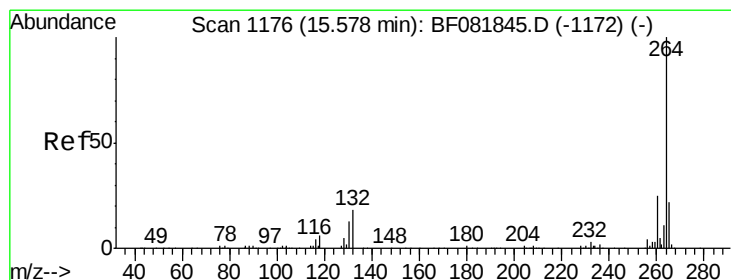
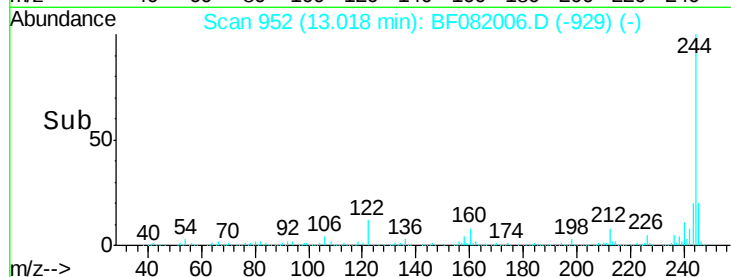
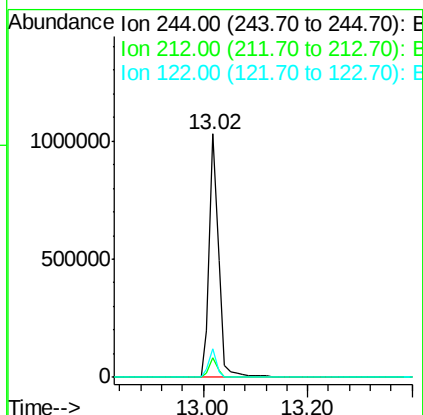
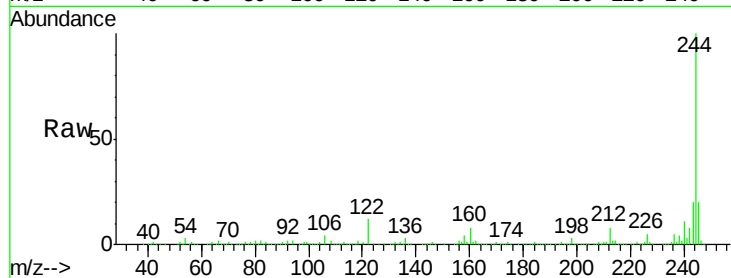




#78
 Terphenyl-d14
 Concen: 110.55 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

Instrument :
 BNA_F
 ClientSampleID :
 DUP

Tgt Ion:244 Resp: 1288213
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082006.D
 Acq: 3 Oct 2015 6:03

Tgt Ion:264 Resp: 319076
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.4 17.2 25.8

