

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081952.D
 Acq On : 1 Oct 2015 21:42
 Operator : UM/IZ
 Sample : G3868-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

Quant Time: Oct 02 02:00:42 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

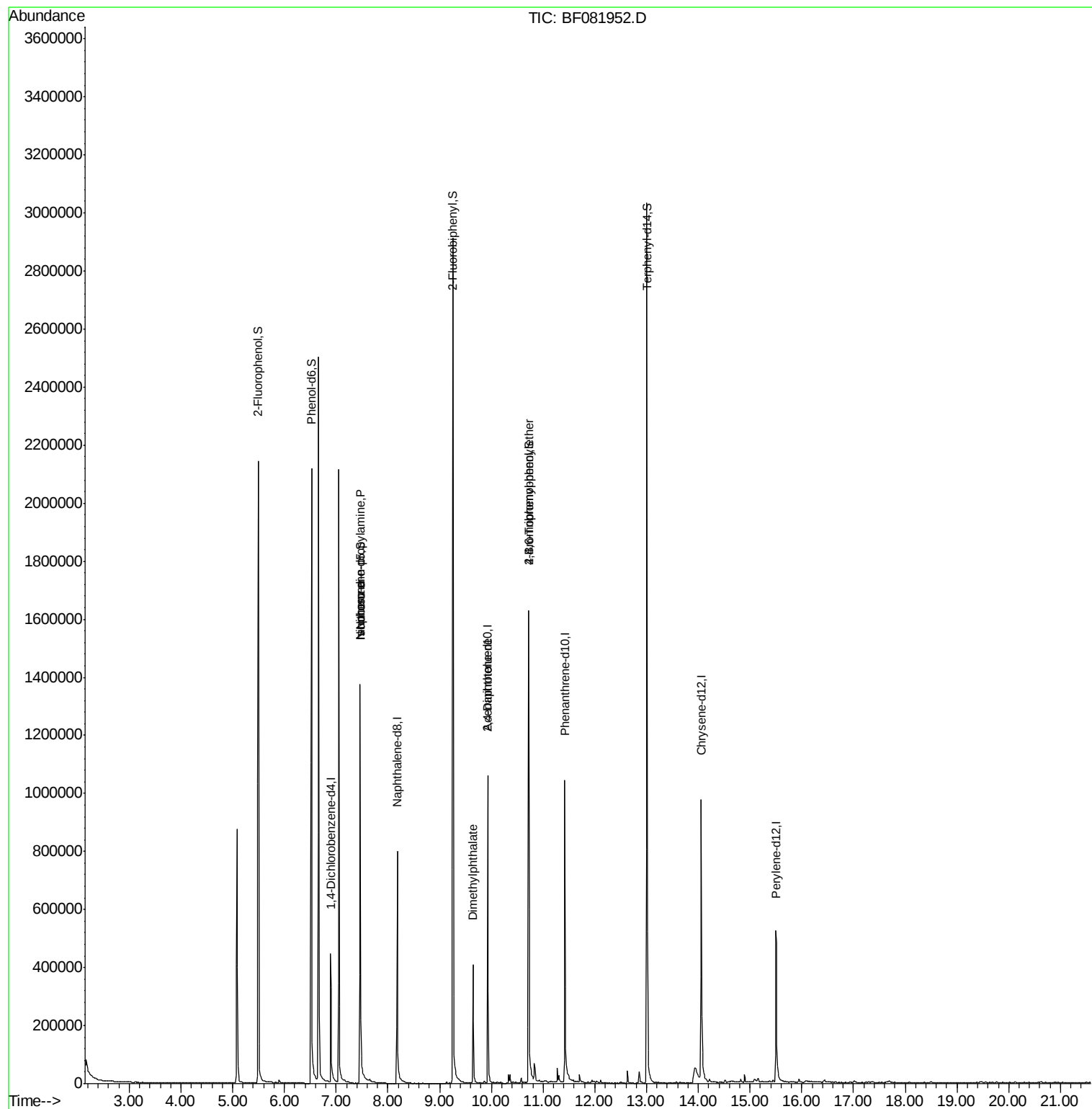
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115643	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	465899	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	237906	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	494905	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	474665	20.00	ng	-0.06
86) Perylene-d12	15.51	264	373663	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	702452	110.27	ng	-0.02
7) Phenol-d6	6.53	99	967684	120.72	ng	-0.03
23) Nitrobenzene-d5	7.46	82	583059	83.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	249647	103.61	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1054154	71.97	ng	-0.05
78) Terphenyl-d14	13.01	244	1111692	72.67	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	70977	14.57	ng	# 56
25) Isophorone	7.46	82	495101	35.74	ng	# 58
49) Dimethylphthalate	9.65	163	232996	14.19	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	29456	6.48	ng	# 33
57) Fluorene	10.48	166	636	Below	Cal	# 72
66) 4-Bromophenyl-phenylether	10.72	248	16266	3.26	ng	# 1
70) Phenanthrene	11.44	178	19256	Below	Cal	# 97
73) Di-n-butylphthalate	11.98	149	2791	Below	Cal	# 97

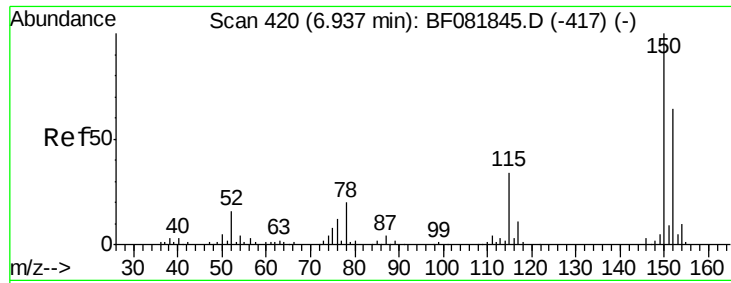
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081952.D
Acq On : 1 Oct 2015 21:42
Operator : UM/IZ
Sample : G3868-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-01(NORTH)

Quant Time: Oct 02 02:00:42 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

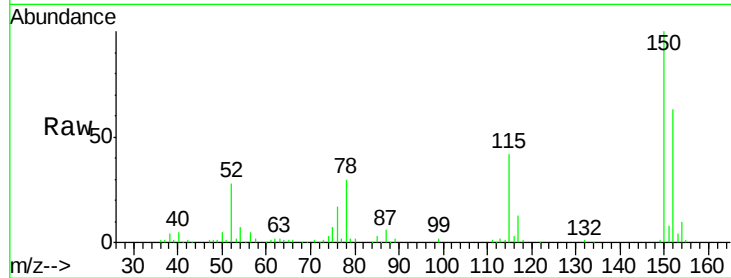




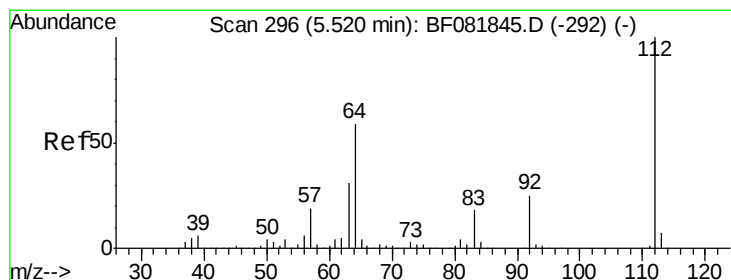
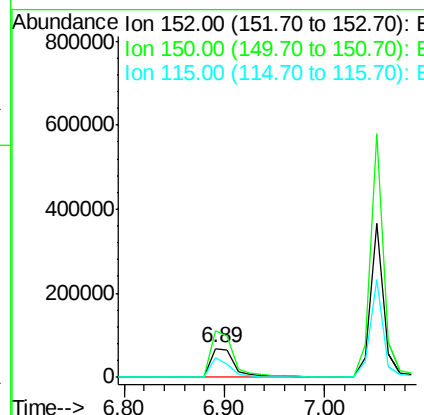
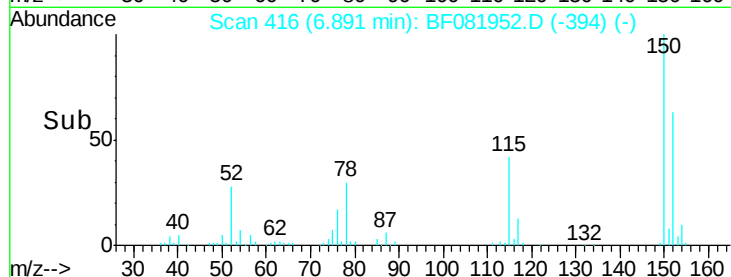
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

Tgt Ion:152 Resp: 115643
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.7 187.1
 115 67.5 39.0 58.4#

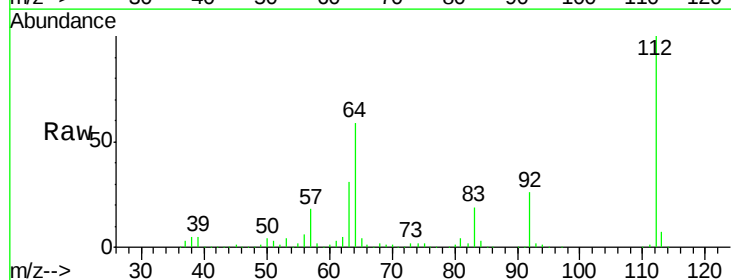


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

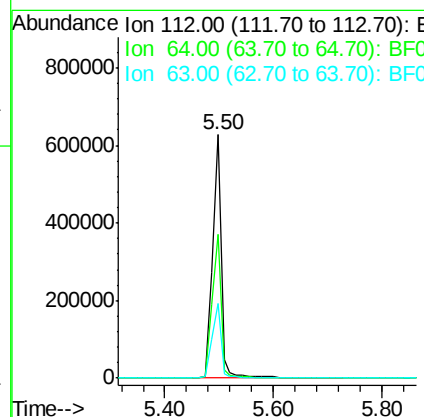
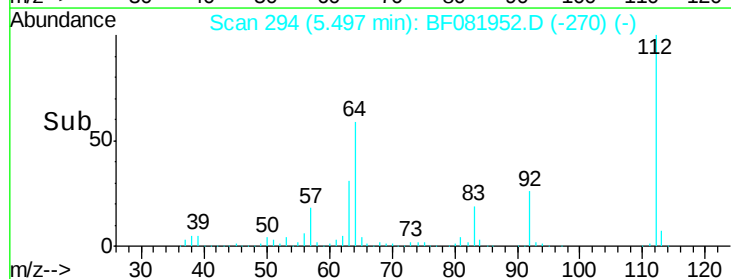


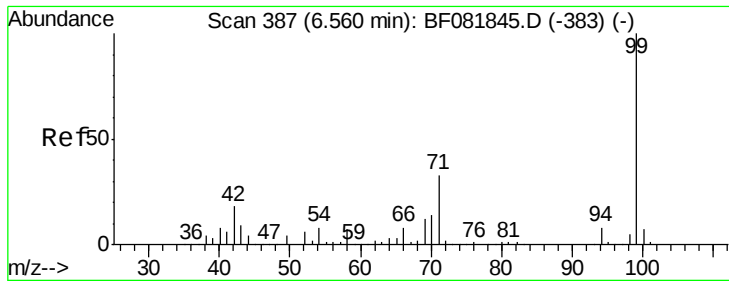
#5
 2-Fluorophenol
 Concen: 110.27 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Tgt Ion:112 Resp: 702452
 Ion Ratio Lower Upper
 112 100
 64 59.1 39.7 59.5
 63 30.7 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: 120.72 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

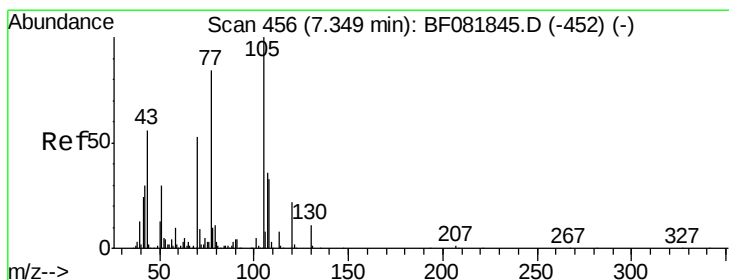
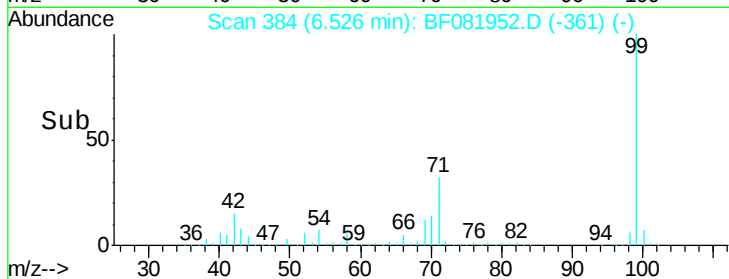
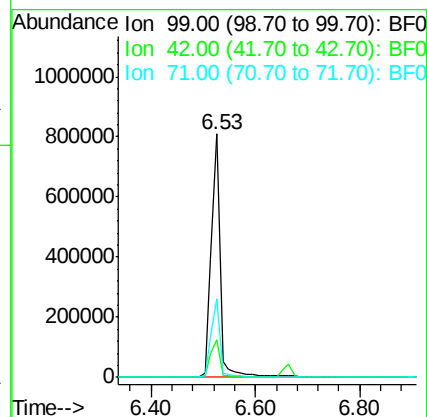
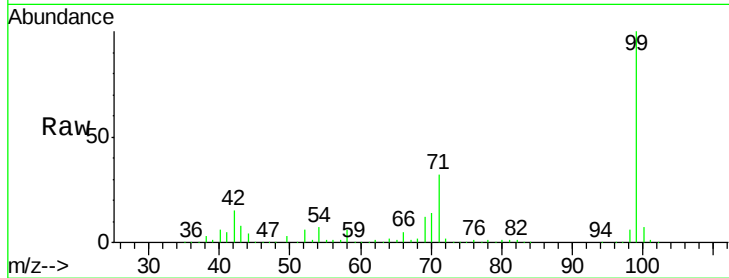
Tgt Ion: 99 Resp: 967684

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 32.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Tgt Ion: 70 Resp: 70977

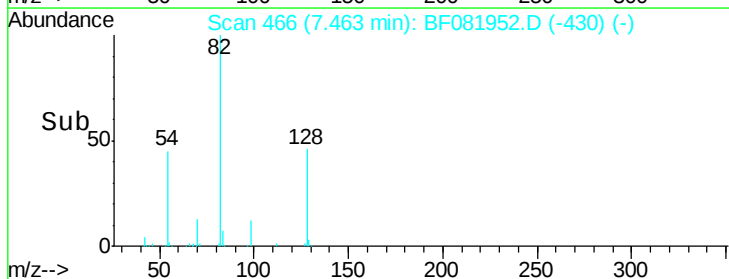
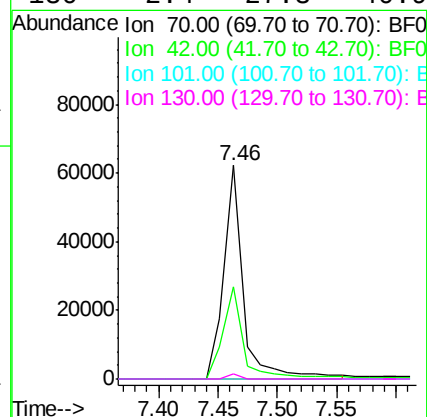
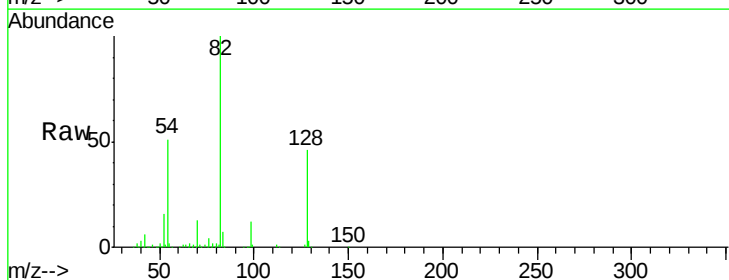
Ion Ratio Lower Upper

70 100

42 43.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

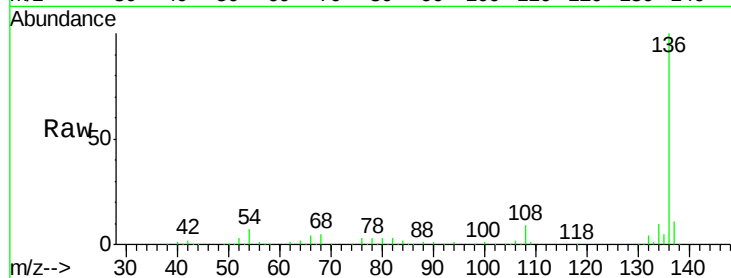




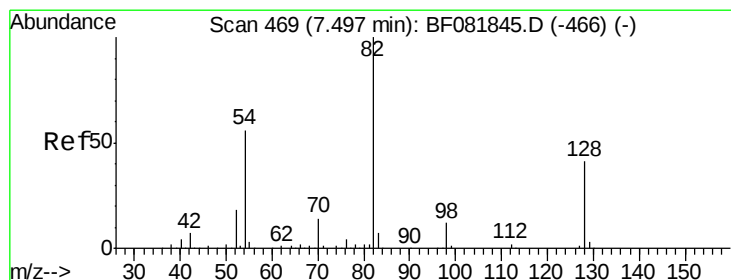
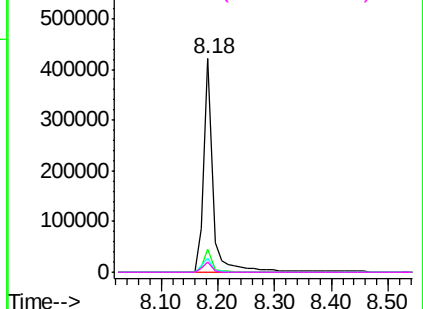
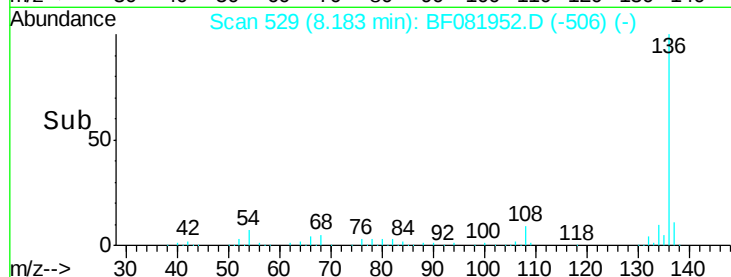
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081952.D
Acq: 1 Oct 2015 21:42

Instrument :
BNA_F
ClientSampleId :
SS-01(NORTH)

Tgt Ion: 136 Resp: 465899
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.8 8.2 12.2#
68 4.8 5.8 8.6#

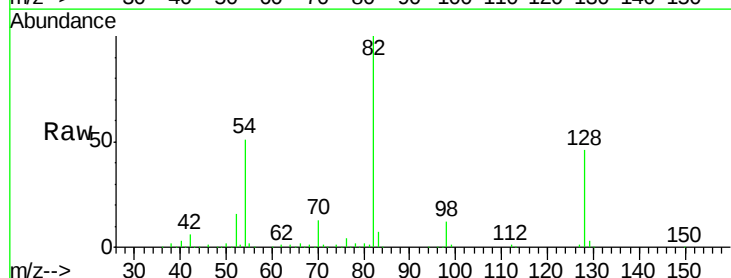


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

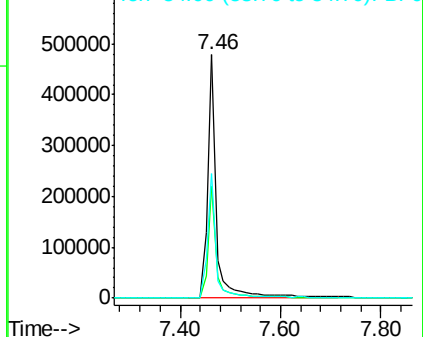
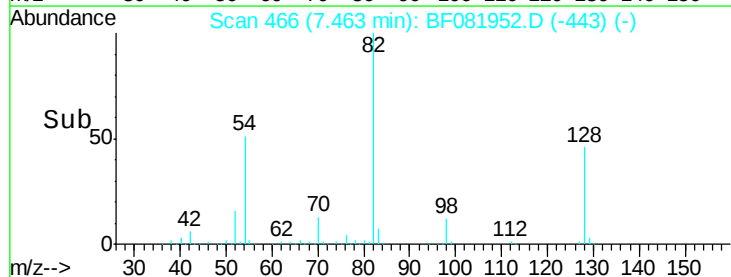


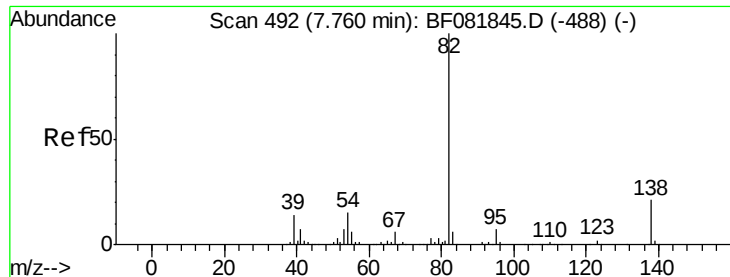
#23
Nitrobenzene-d5
Concen: 83.42 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081952.D
Acq: 1 Oct 2015 21:42

Tgt Ion: 82 Resp: 583059
Ion Ratio Lower Upper
82 100
128 45.7 51.0 76.6#
54 51.0 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: 35.74 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

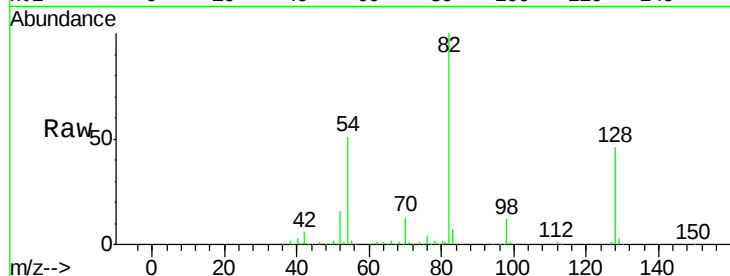
Tgt Ion: 82 Resp: 495101

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

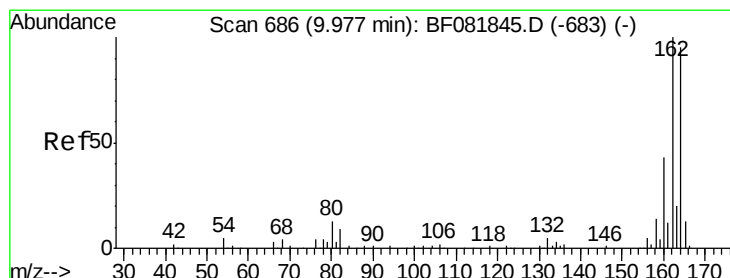
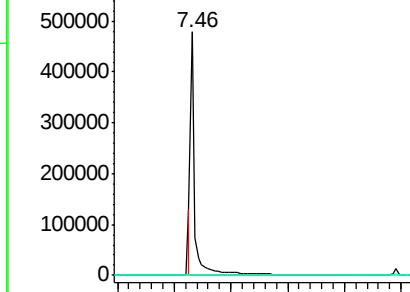
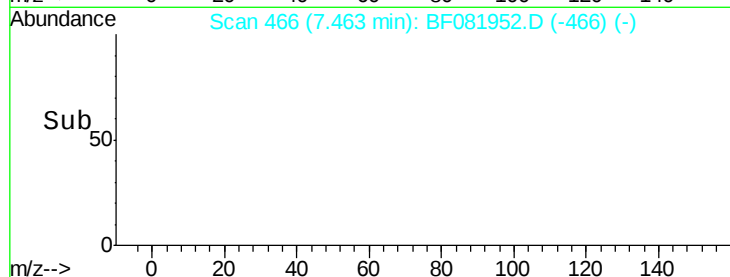
138 0.0 18.3 27.5#



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: BF081952.D

Acq: 1 Oct 2015 21:42

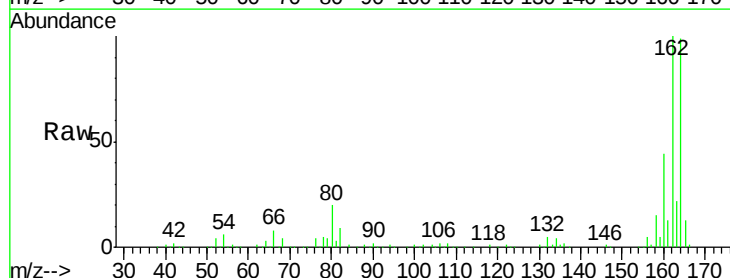
Tgt Ion: 164 Resp: 237906

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

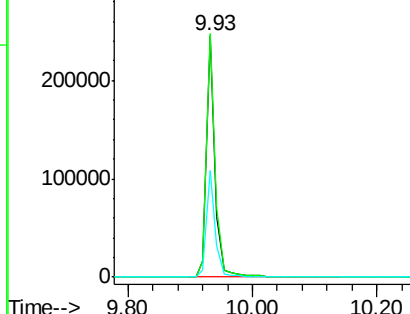
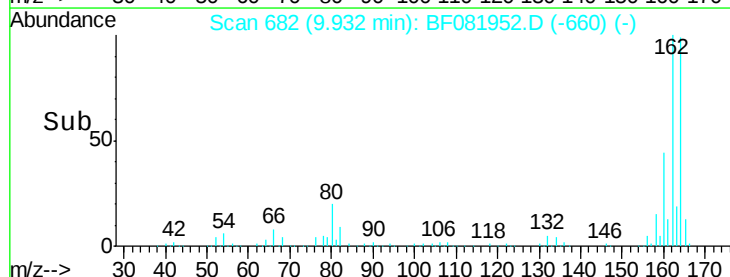
160 44.3 31.5 47.3



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

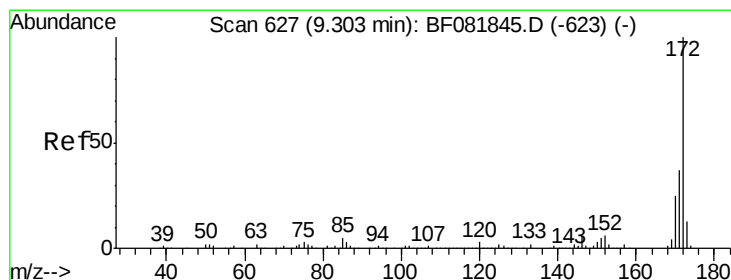
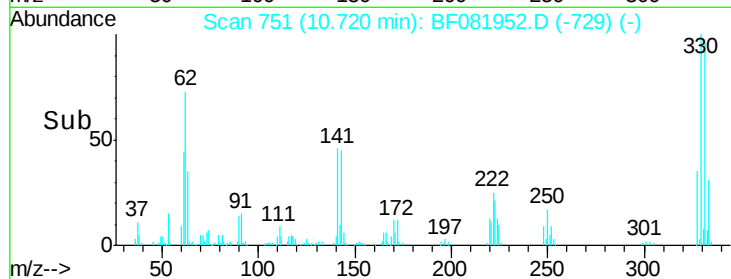
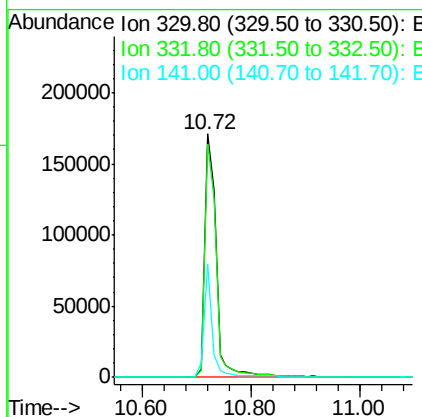
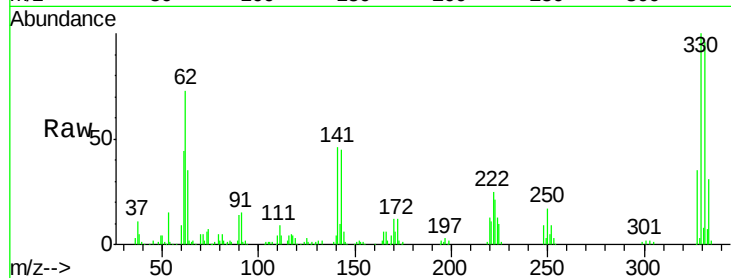




#41
 2,4,6-Tribromophenol
 Concen: 103.61 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

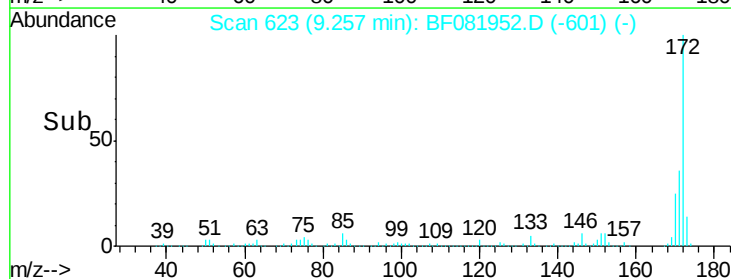
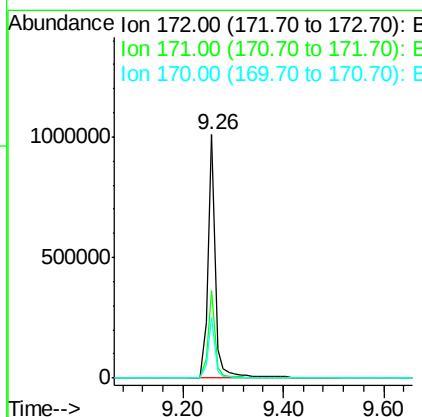
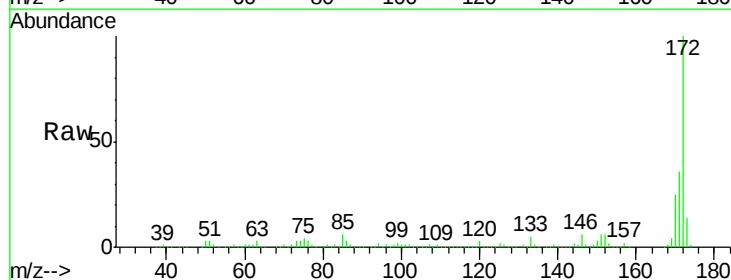
Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

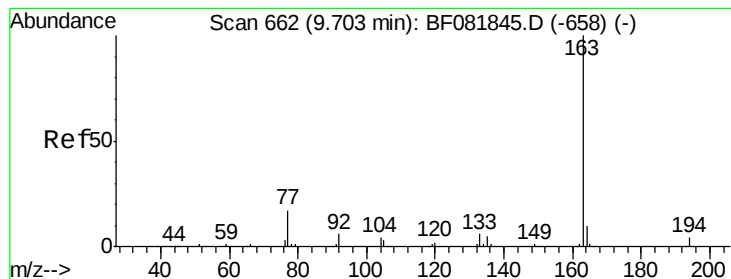
Tgt Ion:330 Resp: 249647
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 33.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 71.97 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Tgt Ion:172 Resp: 1054154
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.7 17.4 26.2





#49

Dimethylphthalate

Concen: 14.19 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

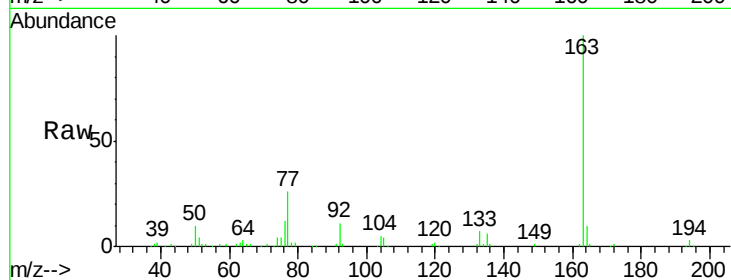
Tgt Ion:163 Resp: 232996

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

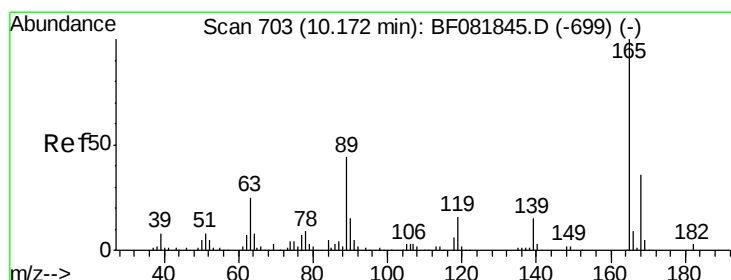
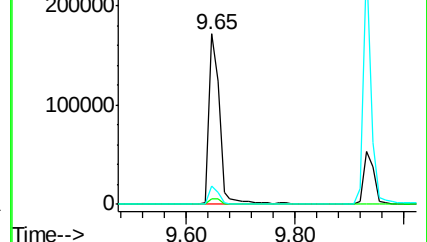
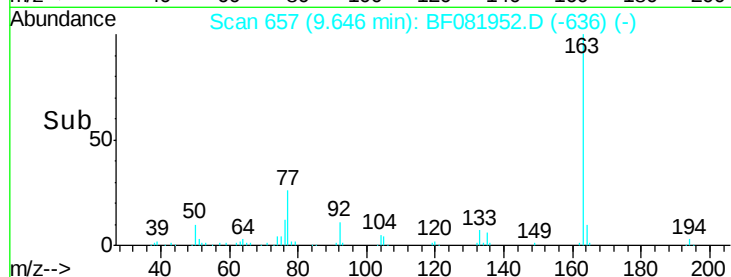
164 10.5 8.3 12.5



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: 6.48 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Tgt Ion:165 Resp: 29456

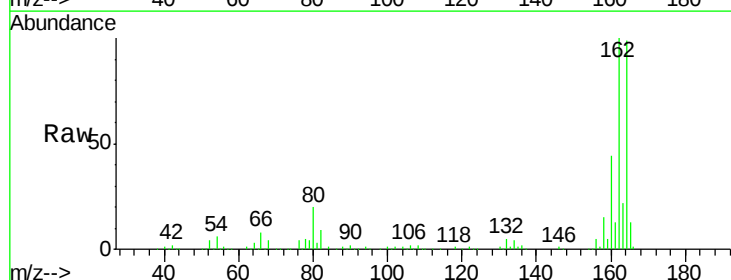
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 1.4 44.5 66.7#

182 0.0 3.0 4.4#

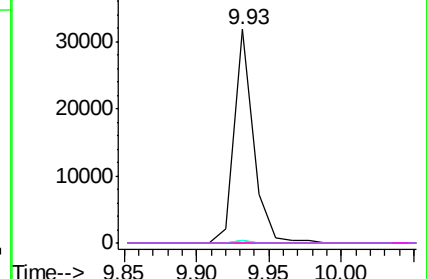
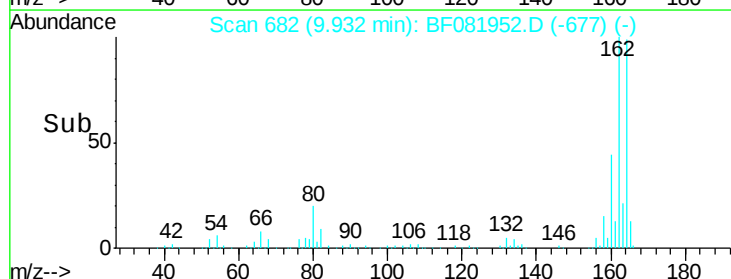


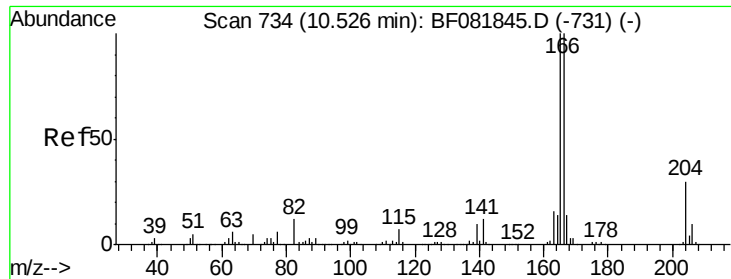
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

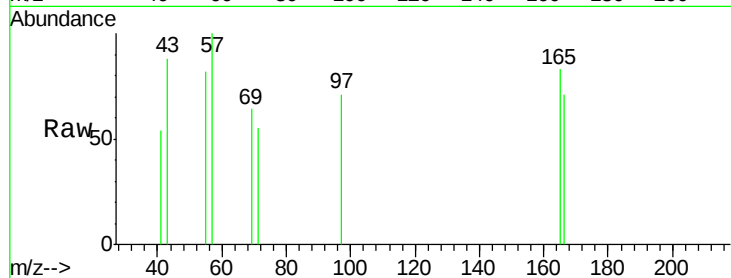
Tgt Ion:166 Resp: 636

Ion Ratio Lower Upper

166 100

165 116.7 72.6 109.0#

167 0.0 10.6 16.0#

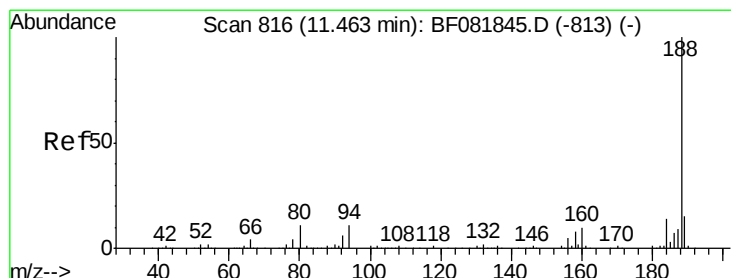
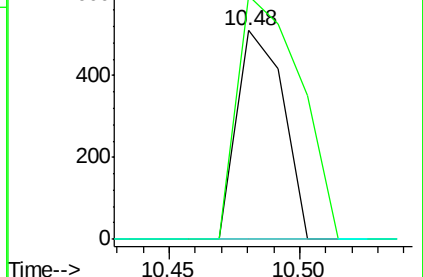
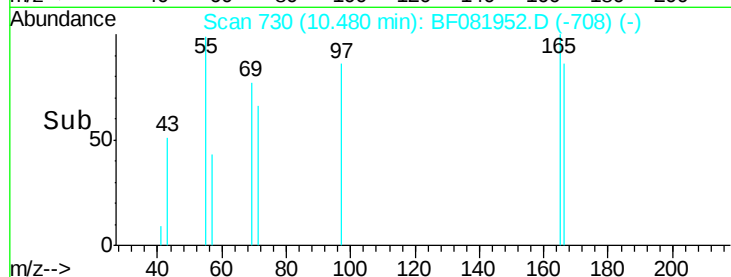


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081952.D

Acq: 1 Oct 2015 21:42

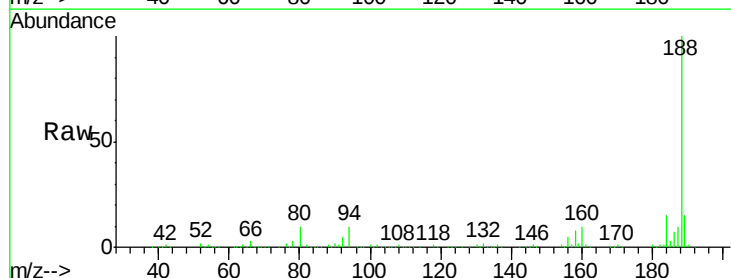
Tgt Ion:188 Resp: 494905

Ion Ratio Lower Upper

188 100

94 9.6 11.1 16.7#

80 10.2 11.0 16.4#

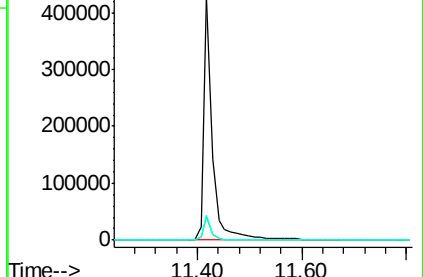
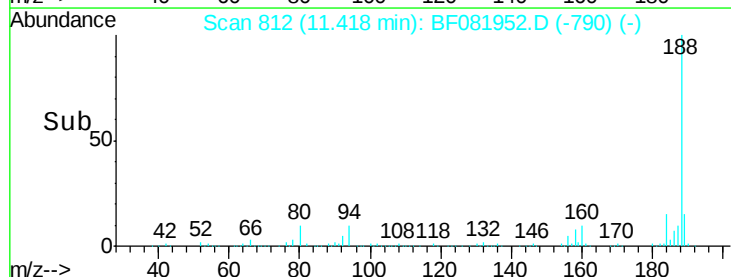


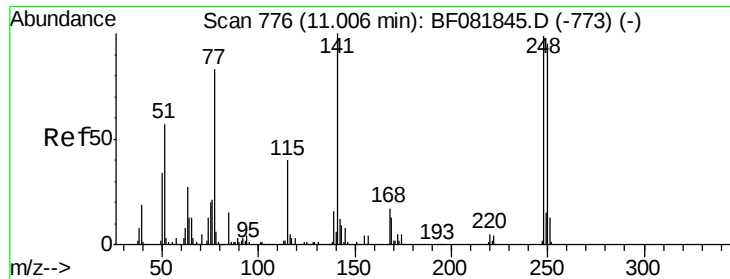
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

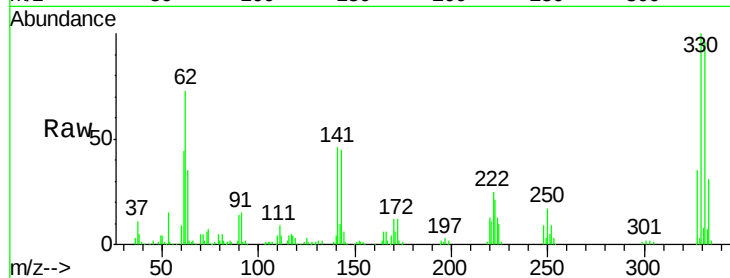




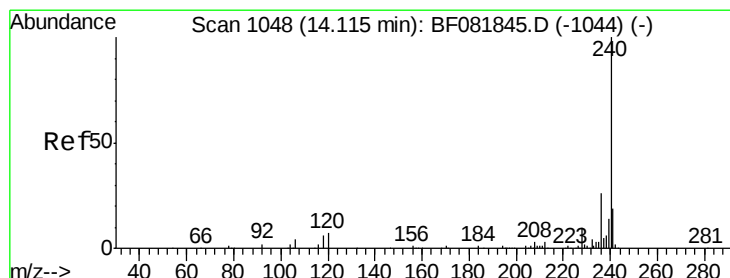
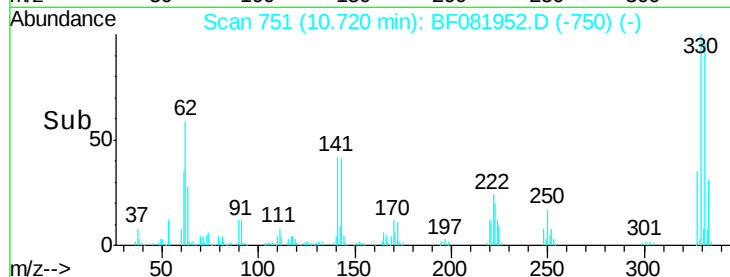
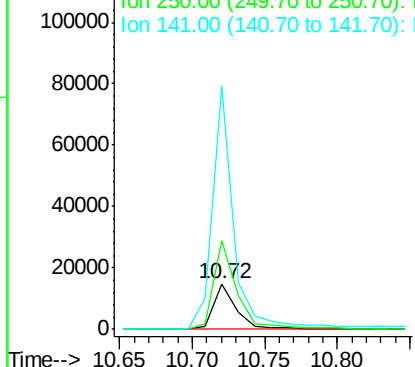
#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

Tgt Ion:248 Resp: 16266
 Ion Ratio Lower Upper
 248 100
 250 195.7 78.5 117.7#
 141 535.4 59.0 88.6#

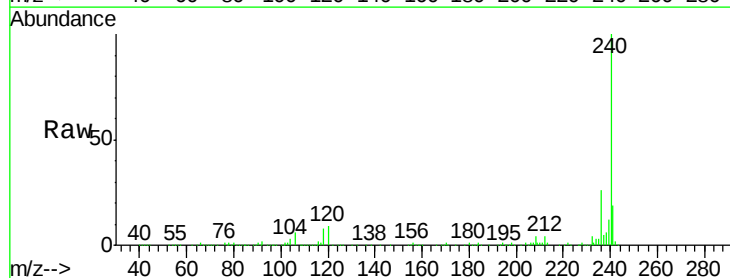


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

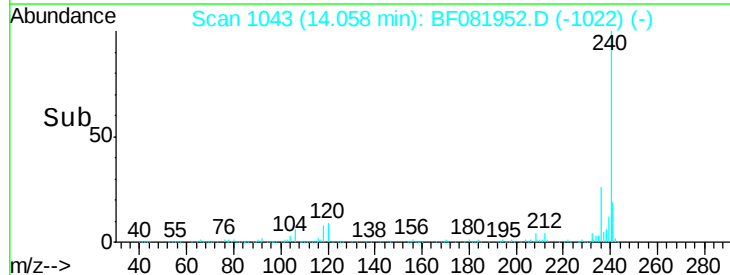
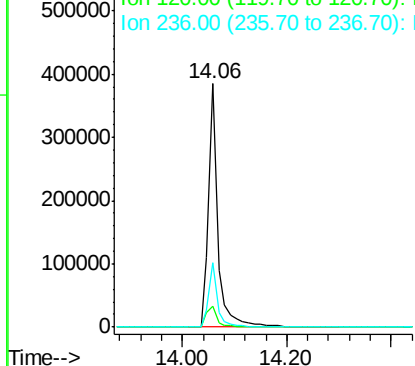


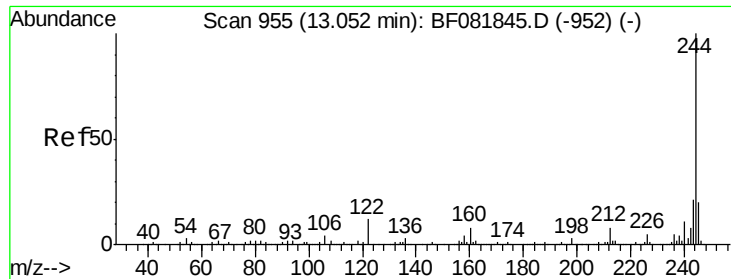
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Tgt Ion:240 Resp: 474665
 Ion Ratio Lower Upper
 240 100
 120 8.7 16.2 24.2#
 236 26.3 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

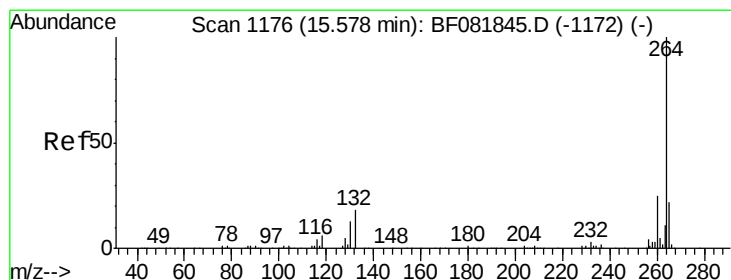
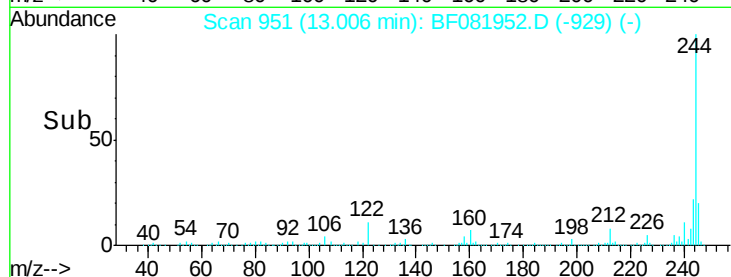
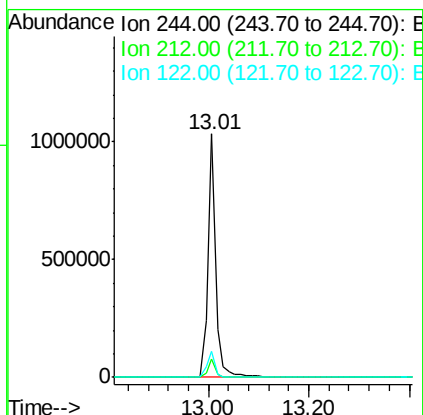
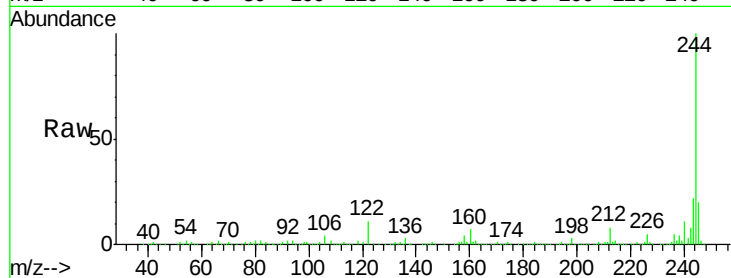




#78
 Terphenyl-d14
 Concen: 72.67 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

Tgt Ion:244 Resp: 1111692
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081952.D
 Acq: 1 Oct 2015 21:42

Tgt Ion:264 Resp: 373663
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.5 17.2 25.8

