

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081907.D
 Acq On : 30 Sep 2015 10:08
 Operator : UM/IZ
 Sample : G3799-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Quant Time: Sep 30 10:47:26 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

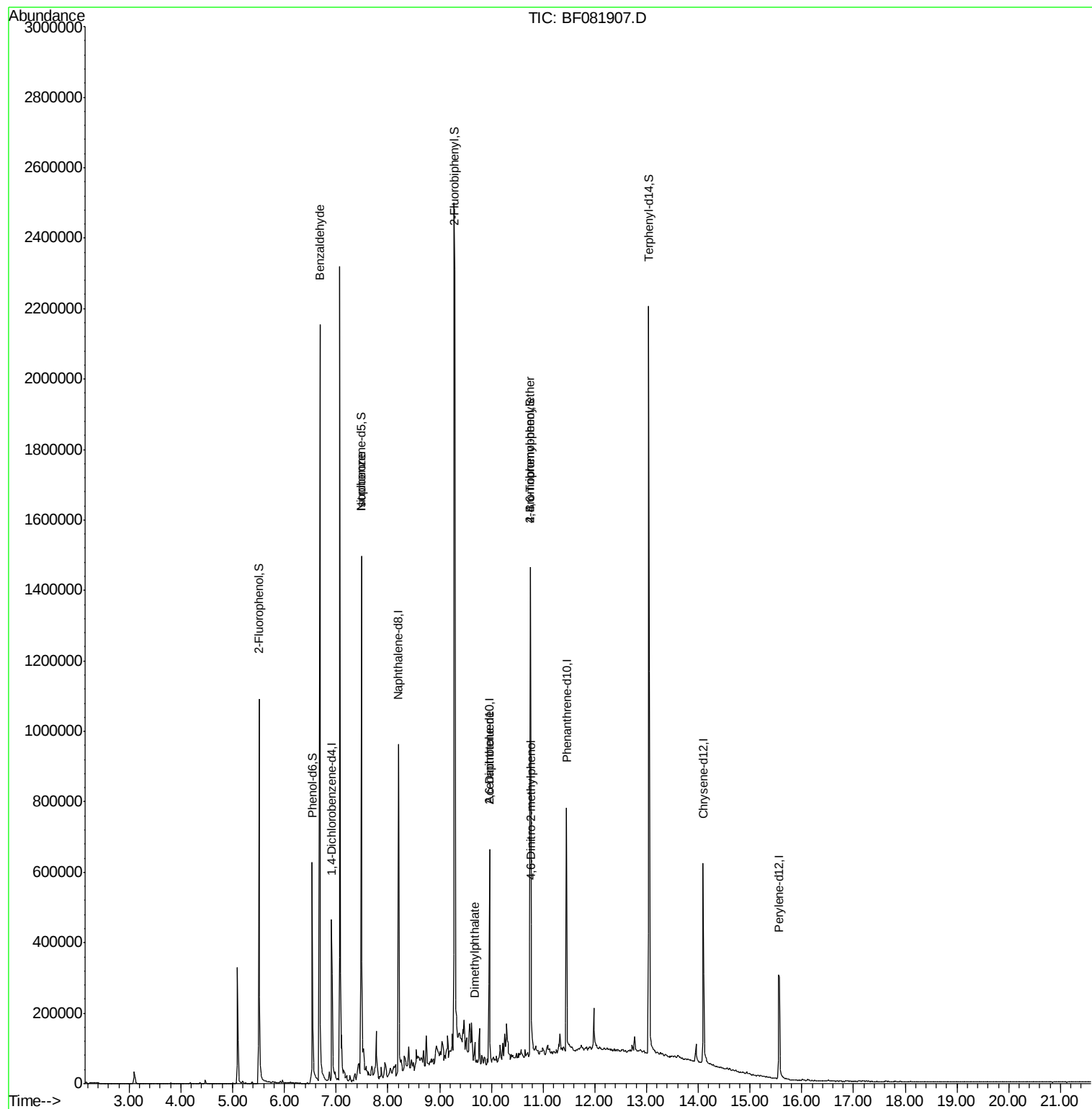
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	111488	20.00	ng	-0.02
21) Naphthalene-d8	8.21	136	474311	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	136390	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	280844	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	260181	20.00	ng	-0.02
86) Perylene-d12	15.57	264	218808	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	333328	54.27	ng	-0.01
7) Phenol-d6	6.54	99	255703	33.09	ng	-0.02
23) Nitrobenzene-d5	7.49	82	612706	86.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	199632	144.52	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1303701	248.99	ng	-0.01
78) Terphenyl-d14	13.04	244	884523	126.15	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	15352	3.03	ng	# 60
25) Isophorone	7.49	82	494834	35.09	ng	# 58
49) Dimethylphthalate	9.68	163	20823	2.21	ng	# 97
50) 2,6-Dinitrotoluene	9.97	165	17421	8.52	ng	# 41
53) 2,4-Dinitrophenol	10.11	184	358	Below Cal	#	33
57) Fluorene	10.49	166	425	Below Cal	#	60
64) 4,6-Dinitro-2-methylphenol	10.77	198	933	2.05	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	12775	4.51	ng	# 1
70) Phenanthrene	11.48	178	763	Below Cal	#	1
73) Di-n-butylphthalate	12.01	149	1775	Below Cal	#	56

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

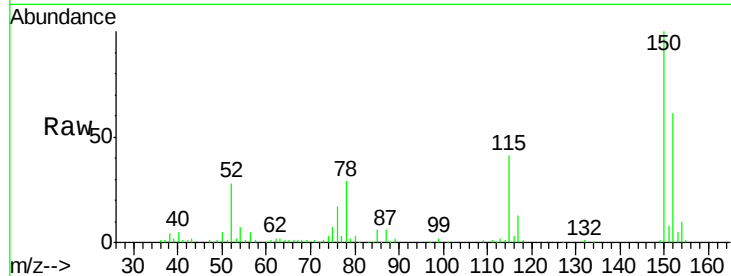
Tgt Ion:152 Resp: 111488

Ion Ratio Lower Upper

152 100

150 163.0 124.7 187.1

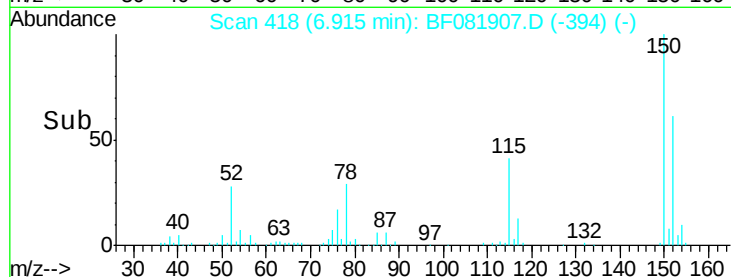
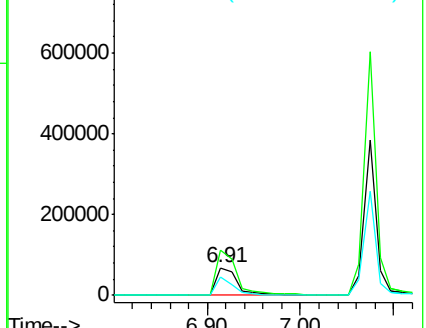
115 67.3 39.0 58.4#



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: 54.27 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

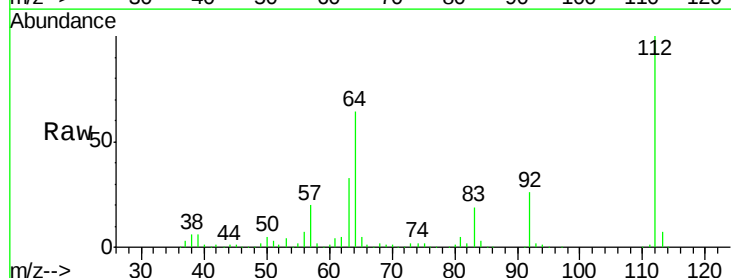
Tgt Ion:112 Resp: 333328

Ion Ratio Lower Upper

112 100

64 63.5 39.7 59.5#

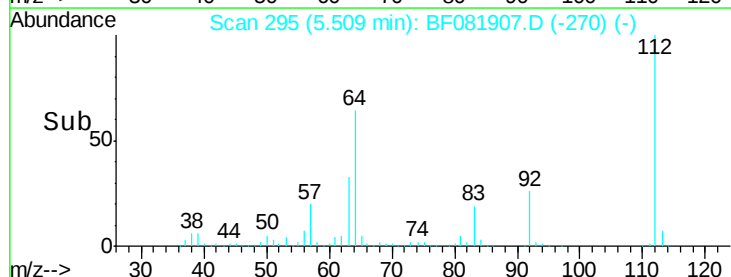
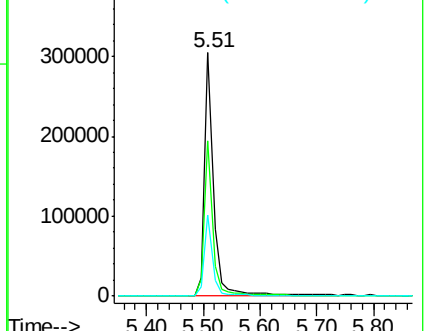
63 33.3 17.4 26.0#

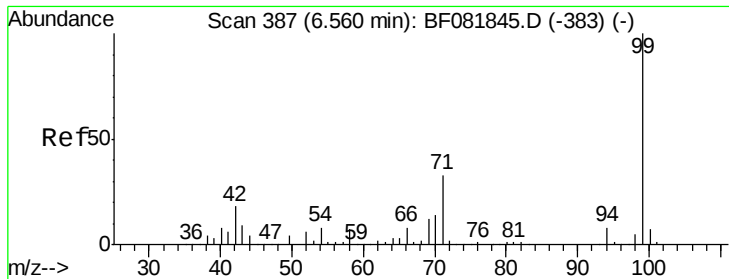


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.09 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

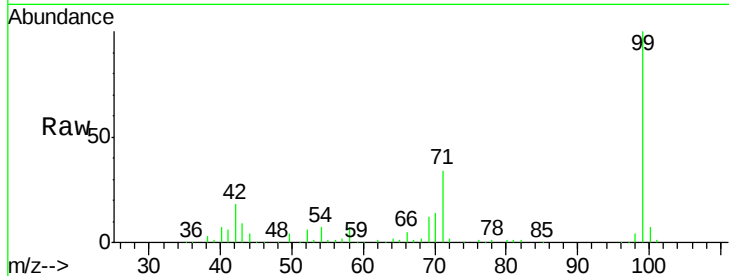
Tgt Ion: 99 Resp: 255703

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

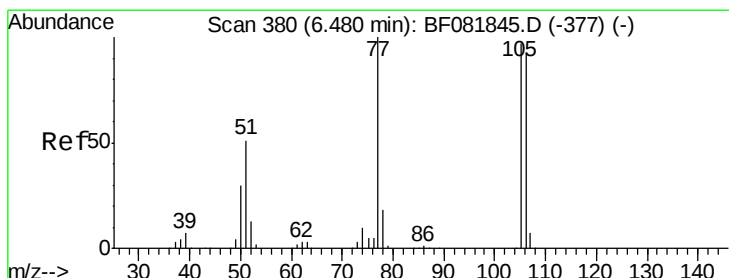
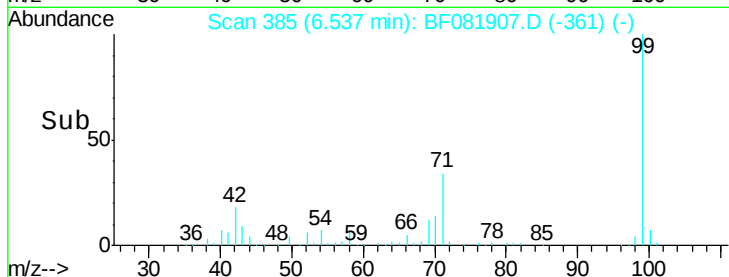
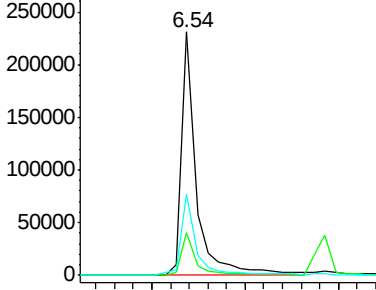
71 33.5 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.03 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.21 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

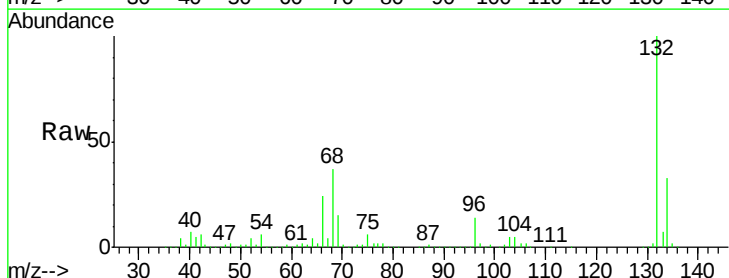
Tgt Ion: 77 Resp: 15352

Ion Ratio Lower Upper

77 100

105 78.9 91.6 131.6#

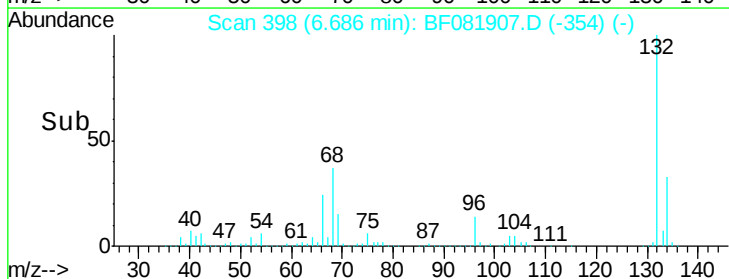
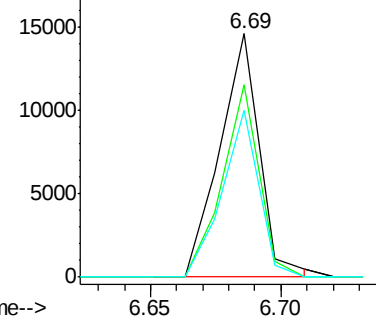
106 68.7 102.6 142.6#

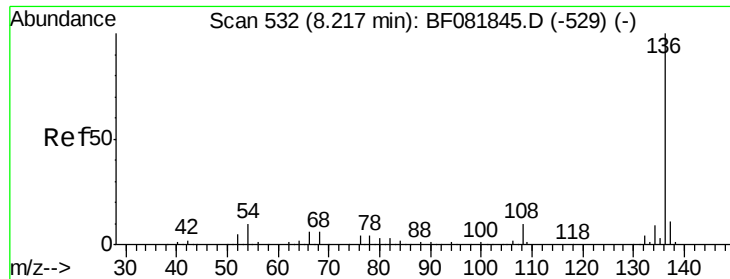


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

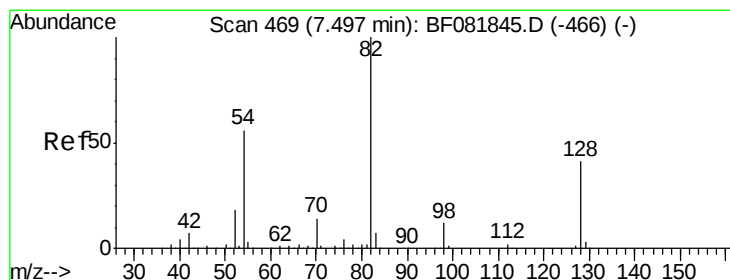
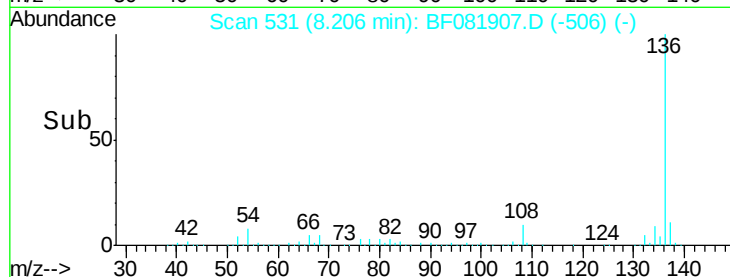
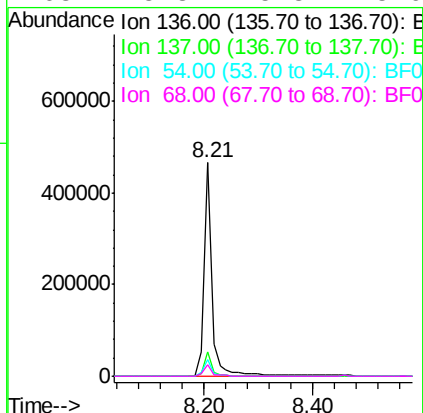
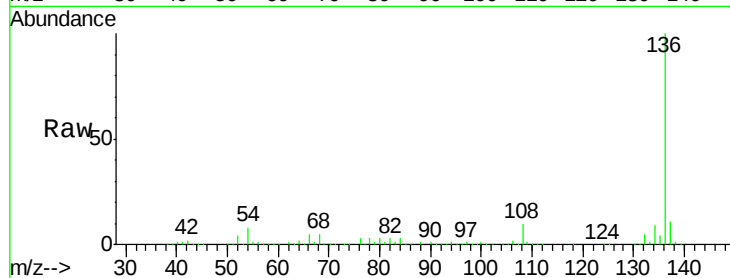




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

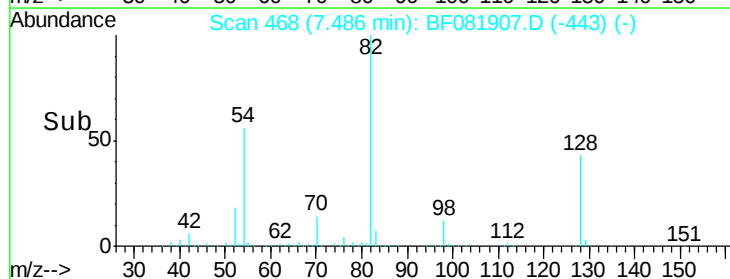
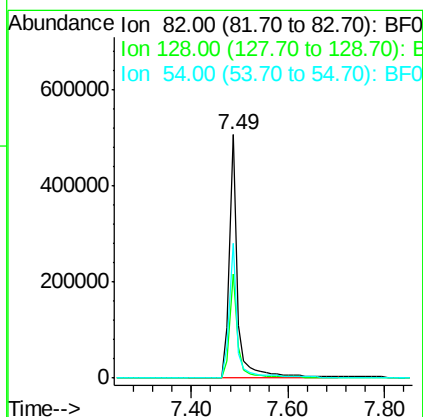
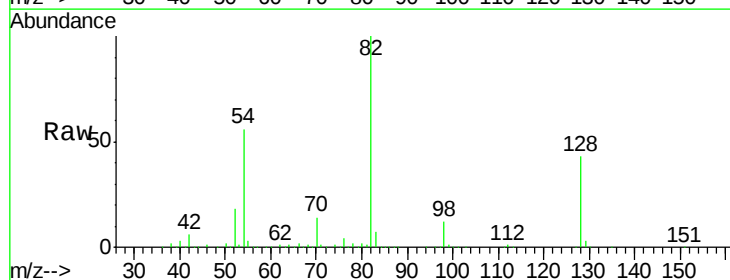
Instrument :
BNA_F
ClientSampleId :
S8-0483

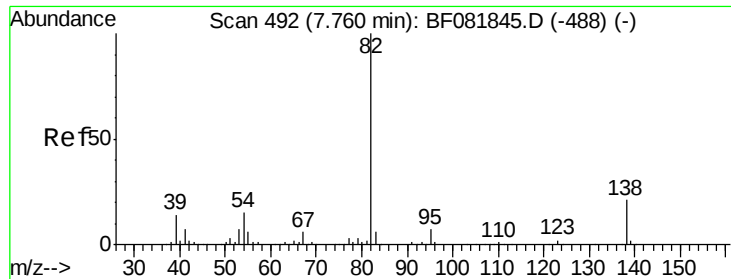
Tgt Ion: 136 Resp: 474311
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.9 8.2 12.2#
68 5.3 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 86.11 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

Tgt Ion: 82 Resp: 612706
Ion Ratio Lower Upper
82 100
128 42.6 51.0 76.6#
54 55.6 47.5 71.3





#25

Isophorone

Concen: 35.09 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

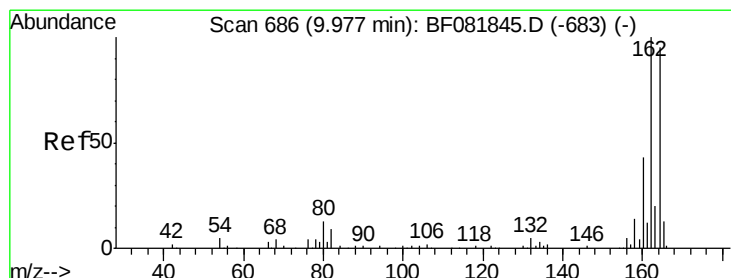
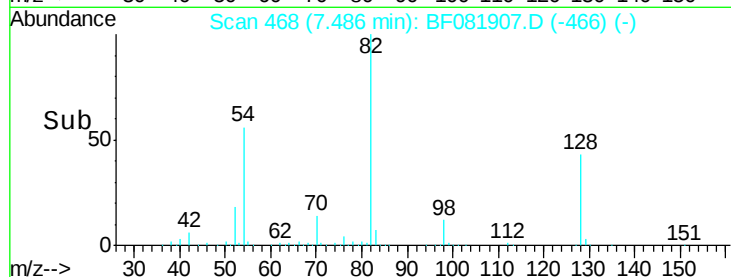
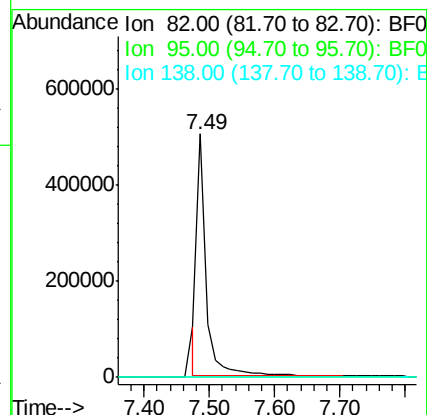
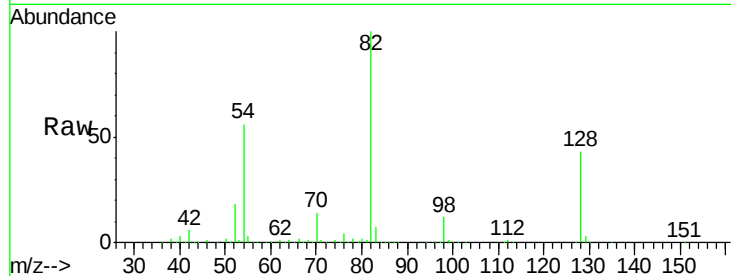
Tgt Ion: 82 Resp: 494834

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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

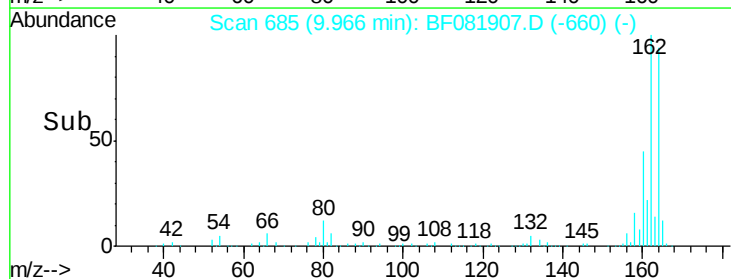
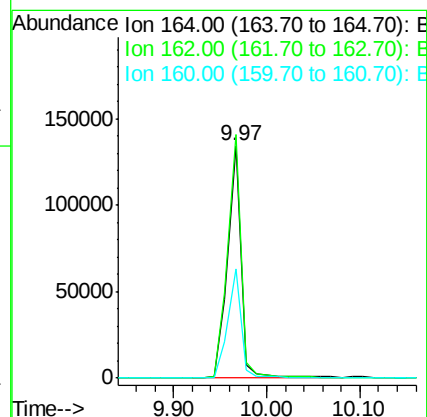
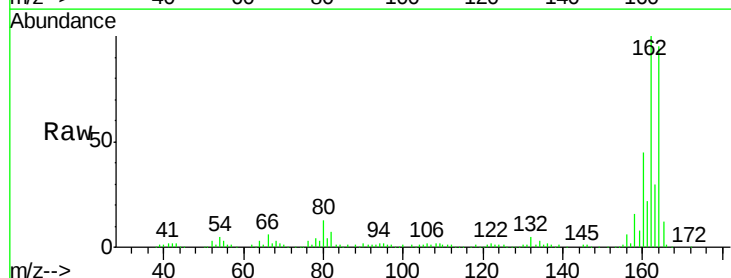
Tgt Ion: 164 Resp: 136390

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

160 47.0 31.5 47.3

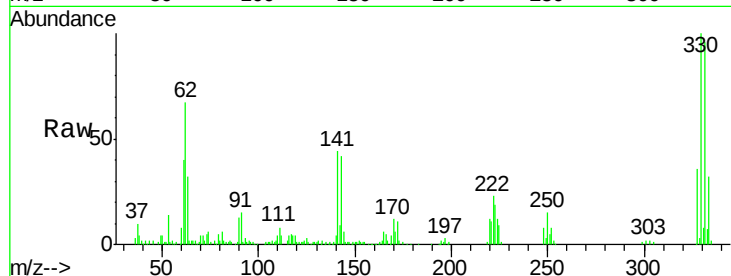




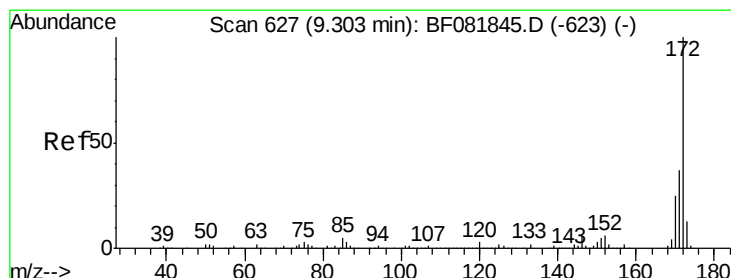
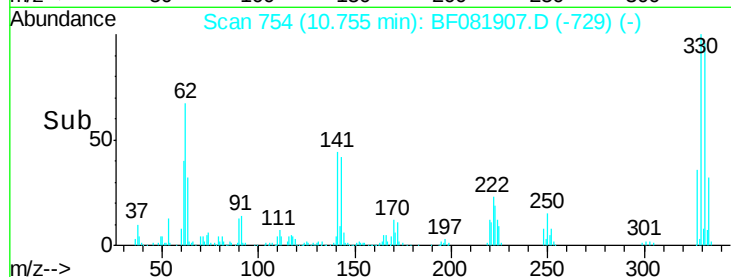
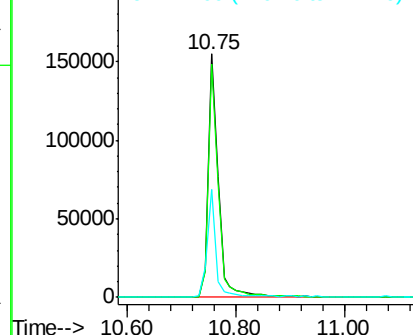
#41
 2,4,6-Tribromophenol
 Concen: 144.52 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Tgt Ion:330 Resp: 199632
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 38.9 29.7 44.5

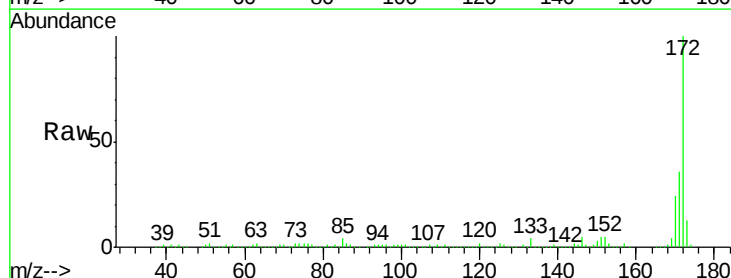


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

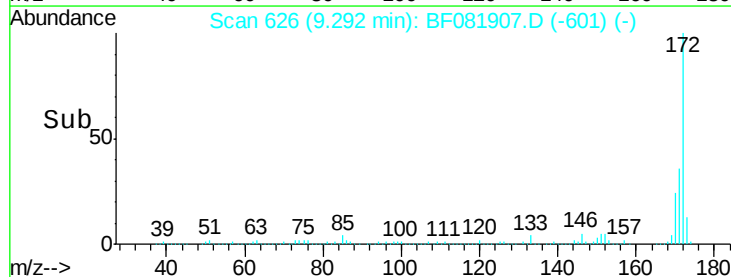
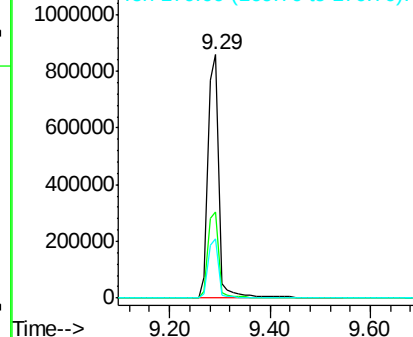


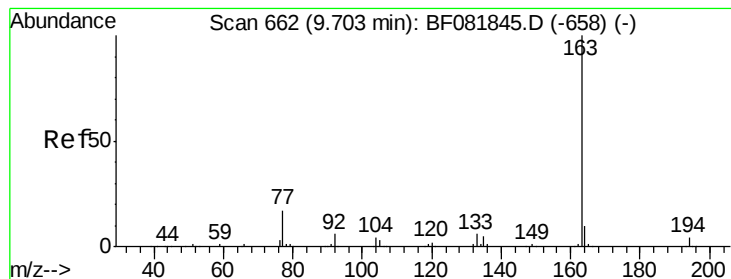
#44
 2-Fluorobiphenyl
 Concen: 248.99 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Tgt Ion:172 Resp: 1303701
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.4 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: 2.21 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

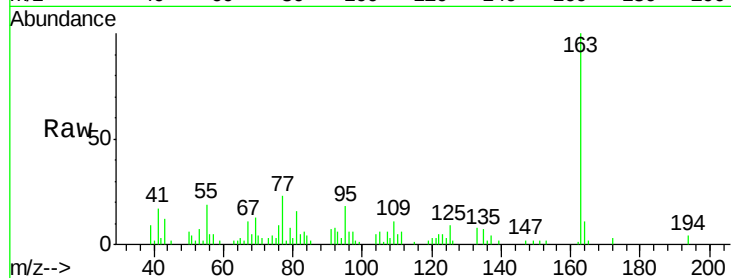
Tgt Ion:163 Resp: 20823

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

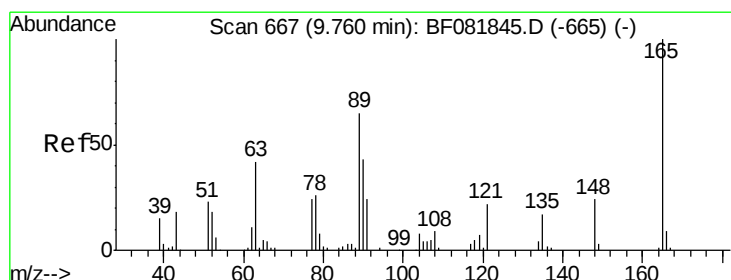
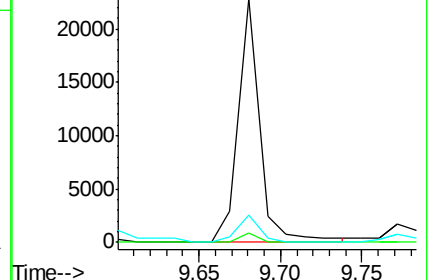
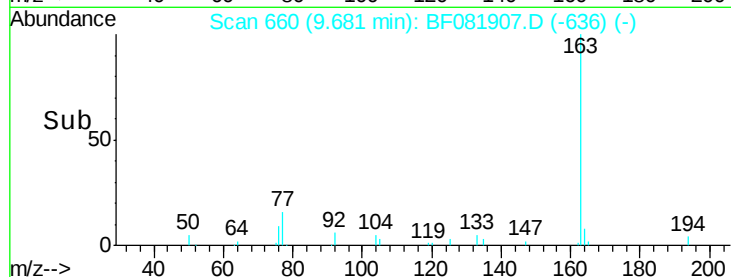
164 11.2 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.52 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

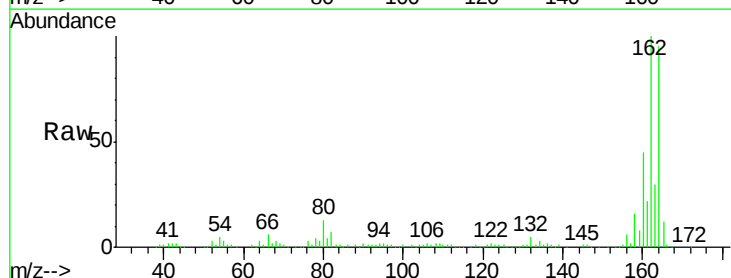
Tgt Ion:165 Resp: 17421

Ion Ratio Lower Upper

165 100

63 2.4 32.3 48.5#

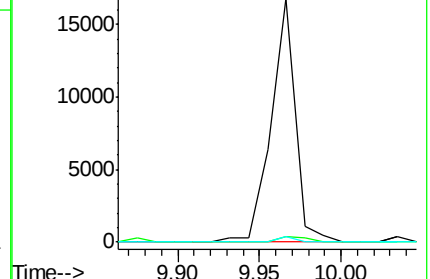
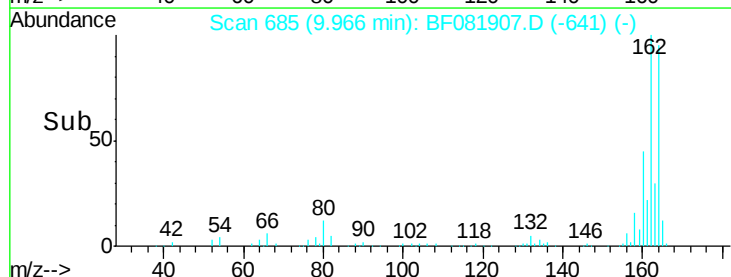
89 2.2 28.6 43.0#

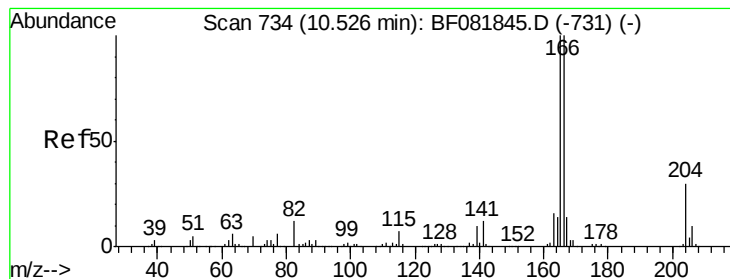


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#57

Fluorene

Concen: Below Cal

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

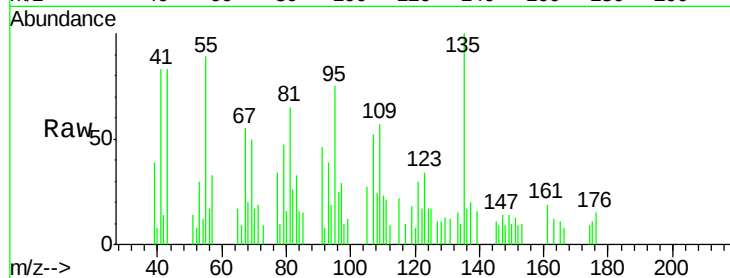
Tgt Ion:166 Resp: 425

Ion Ratio Lower Upper

166 100

165 129.5 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

600

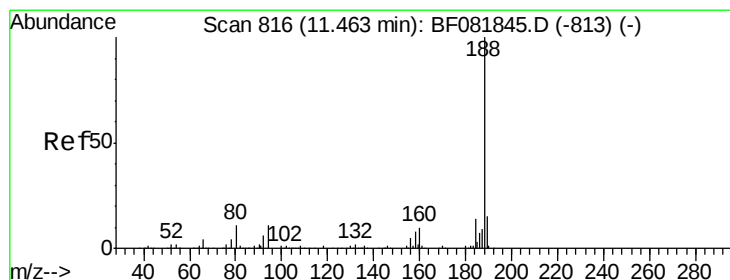
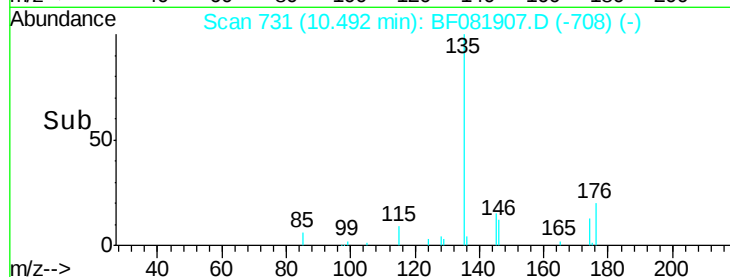
400

200

0

10.49

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

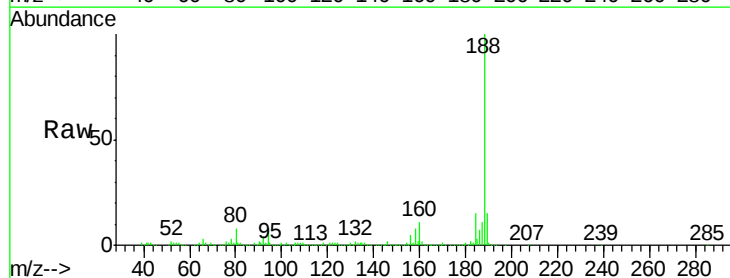
Tgt Ion:188 Resp: 280844

Ion Ratio Lower Upper

188 100

94 7.6 11.1 16.7#

80 8.2 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

300000

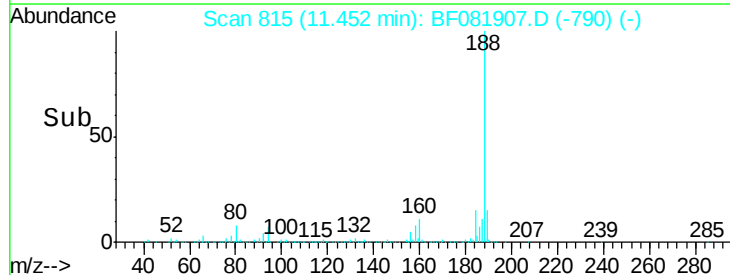
200000

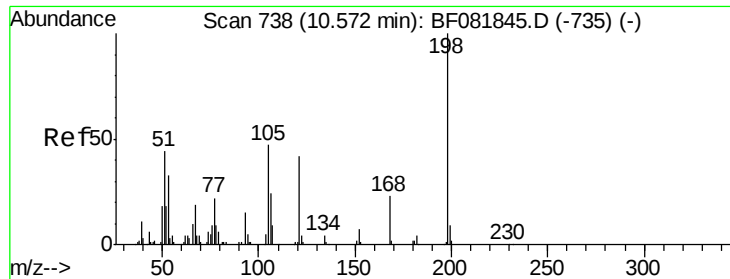
100000

0

11.45

Time-->

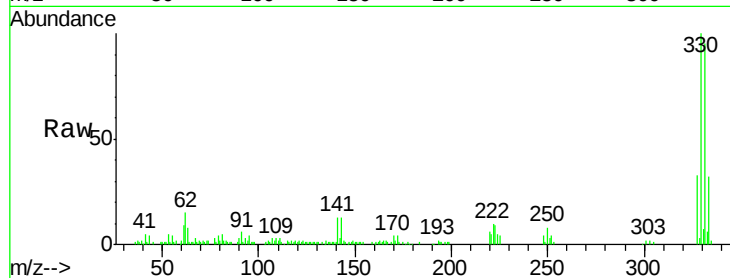




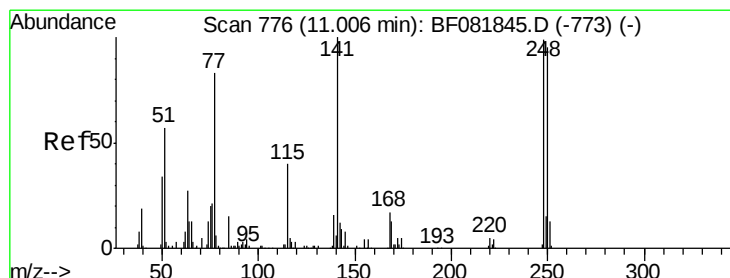
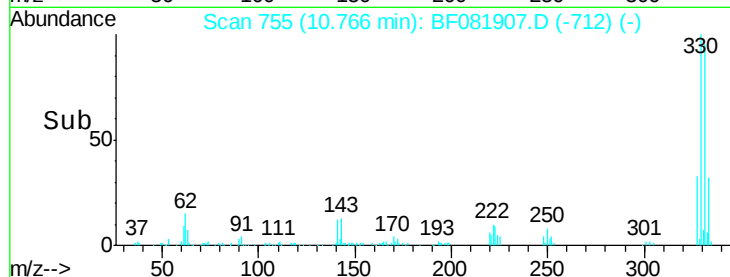
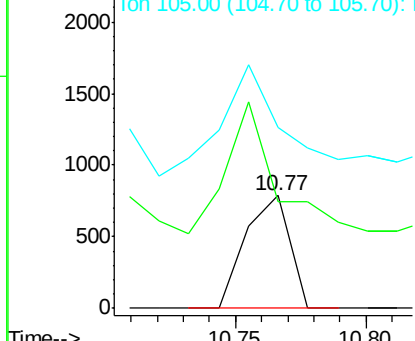
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.05 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.20 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Tgt Ion:198 Resp: 933
 Ion Ratio Lower Upper
 198 100
 51 94.3 39.6 79.6#
 105 161.1 28.5 68.5#

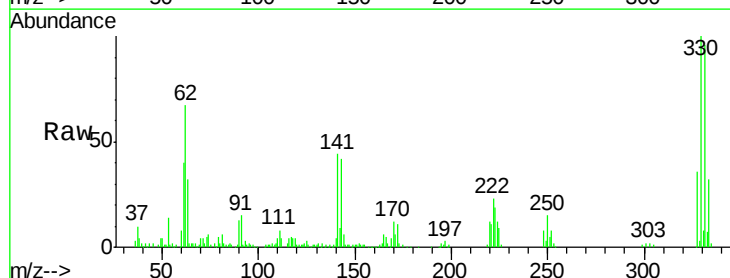


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

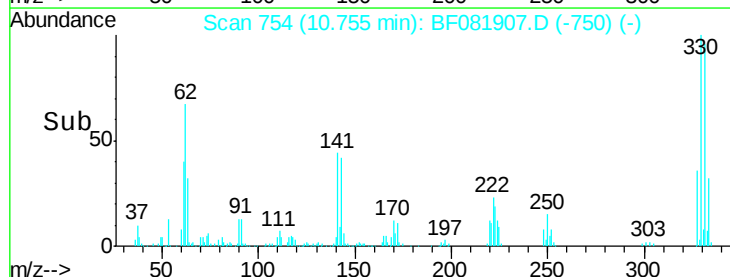
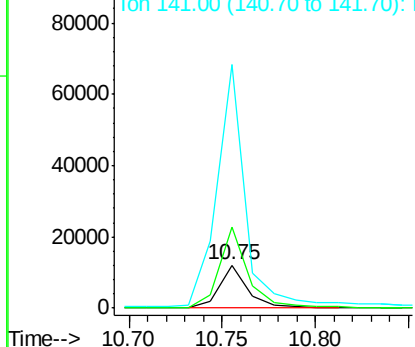


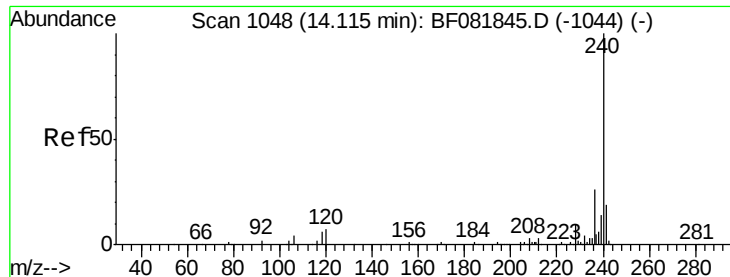
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081907.D
 Acq: 30 Sep 2015 10:08

Tgt Ion:248 Resp: 12775
 Ion Ratio Lower Upper
 248 100
 250 189.3 78.5 117.7#
 141 568.3 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: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

Instrument :

BNA_F

ClientSampleId :

S8-0483

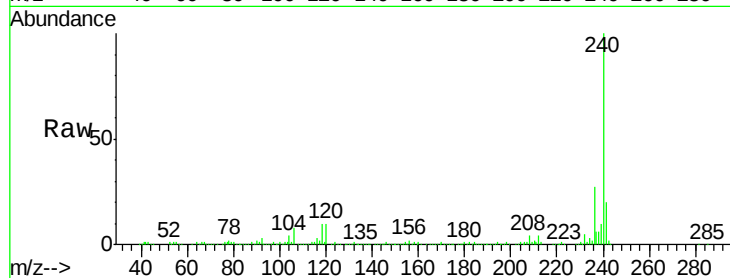
Tgt Ion:240 Resp: 260181

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

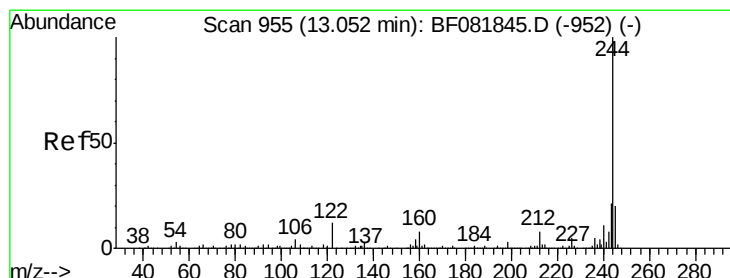
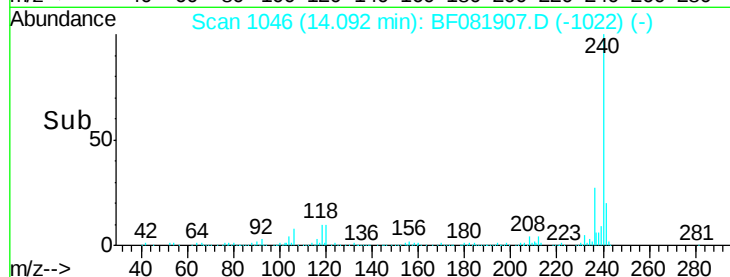
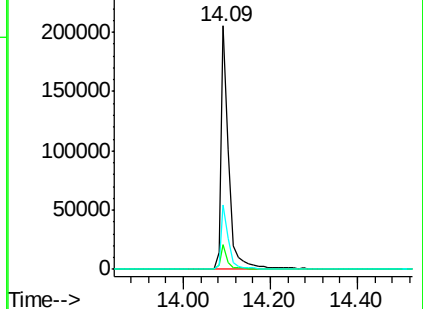
236 26.6 18.4 27.6



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: 126.15 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081907.D

Acq: 30 Sep 2015 10:08

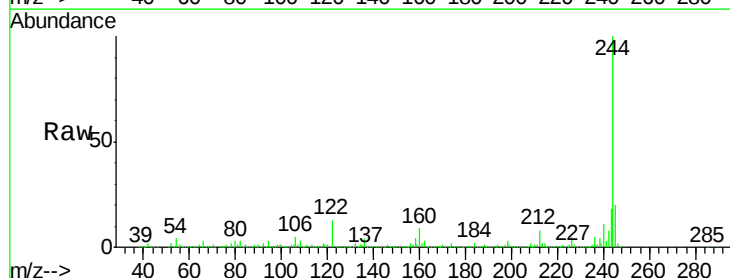
Tgt Ion:244 Resp: 884523

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

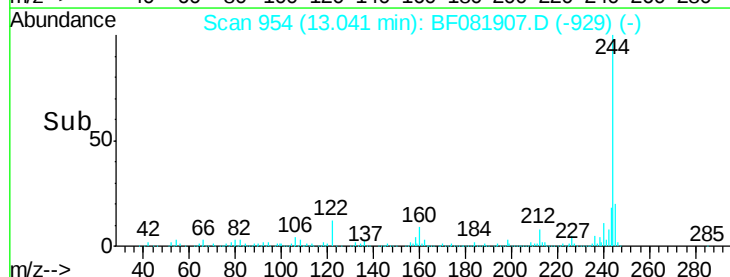
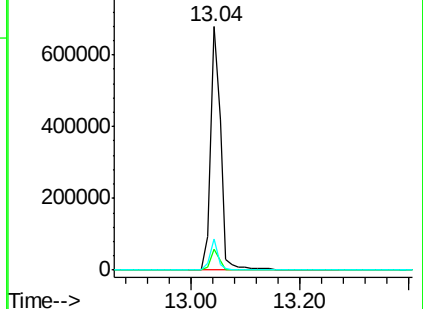
122 12.5 17.4 26.2#

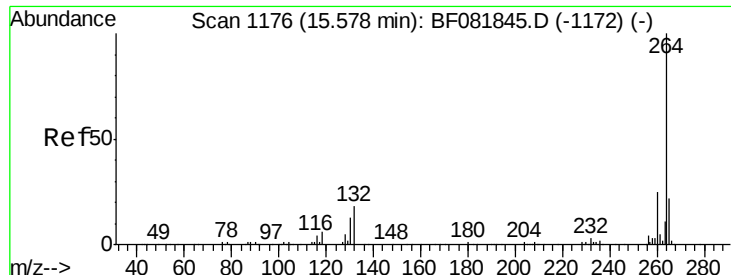


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

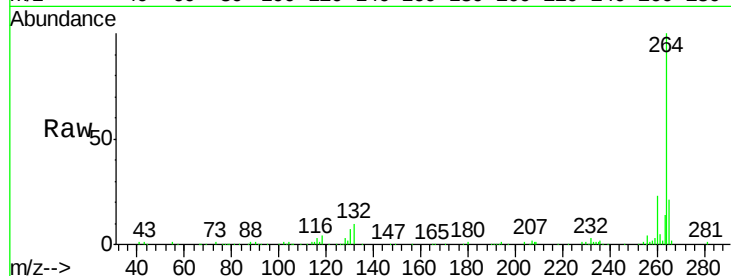




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081907.D
Acq: 30 Sep 2015 10:08

Instrument :
BNA_F
ClientSampleId :
S8-0483

Tgt Ion: 264 Resp: 218808
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 20.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

