

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086008.D
 Acq On : 2 Apr 2016 13:33
 Operator : UM/SJ
 Sample : H2055-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-10(5-7.5)

Quant Time: Apr 04 01:04:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

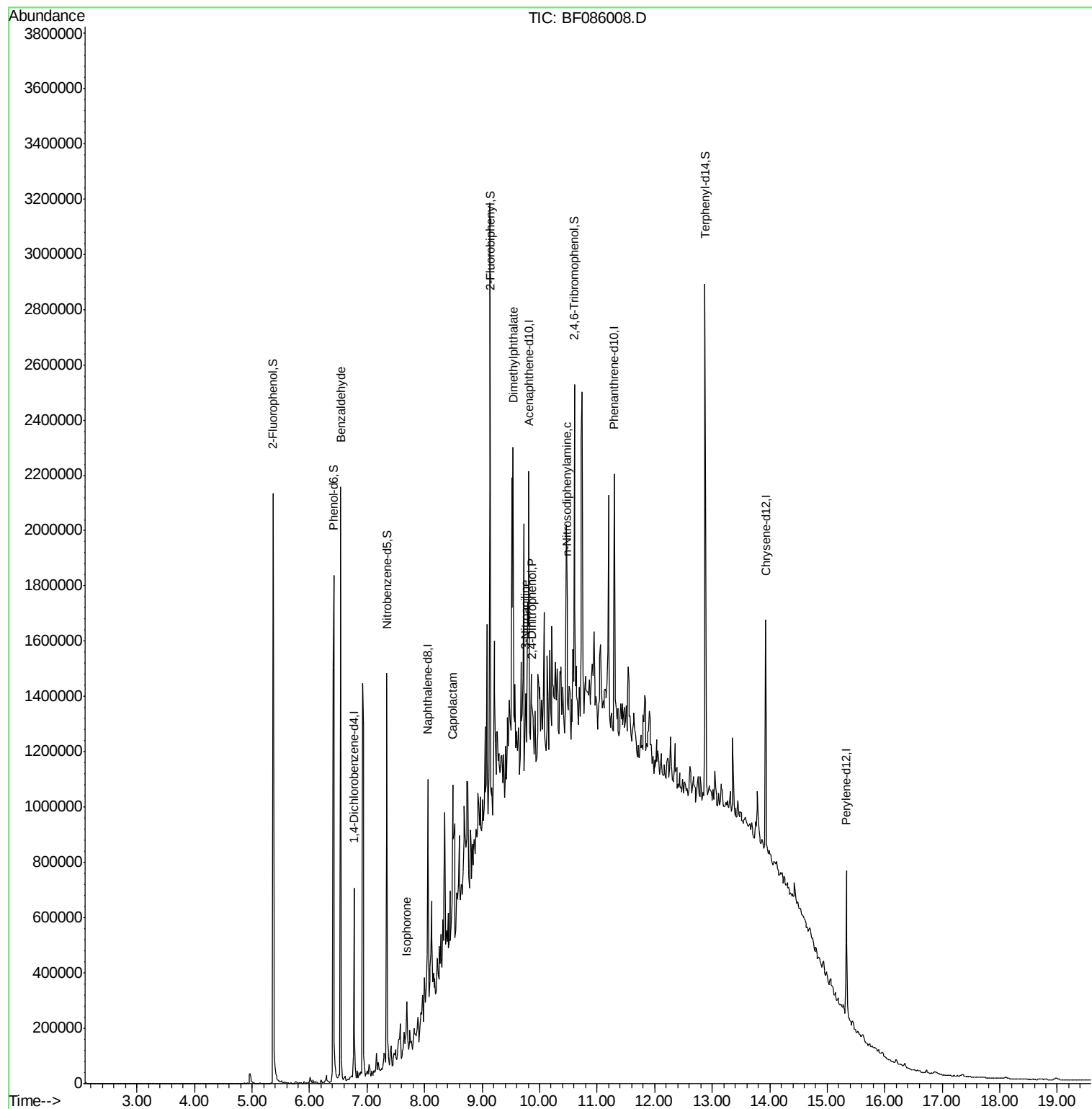
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106517	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	414314	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	190270	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	370776	20.00	ng	0.00
75) Chrysene-d12	13.93	240	315890	20.00	ng	0.00
86) Perylene-d12	15.33	264	236245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	685817	110.05	ng	0.00
7) Phenol-d6	6.42	99	997463	126.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	628903	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	222865	124.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	878392	76.76	ng	0.00
78) Terphenyl-d14	12.88	244	823213	61.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	17277	4.06	ng	88
25) Isophorone	7.69	82	28206	2.03	ng	# 1
35) Caprolactam	8.49	113	16109	9.09	ng	# 1
49) Dimethylphthalate	9.54	163	145727	10.33	ng	# 97
52) 3-Nitroaniline	9.76	138	11150	3.10	ng	# 37
53) 2,4-Dinitrophenol	9.86	184	229	2.13	ng	# 1
65) n-Nitrosodiphenylamine	10.48	169	64251	5.54	ng	# 42

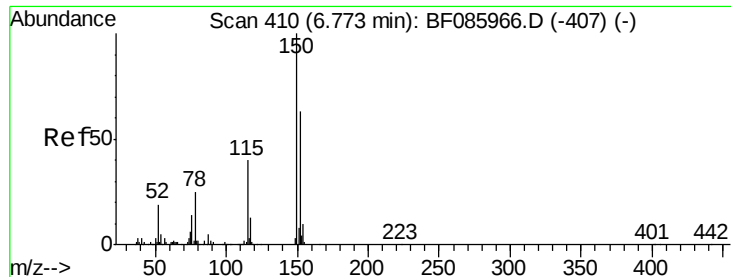
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

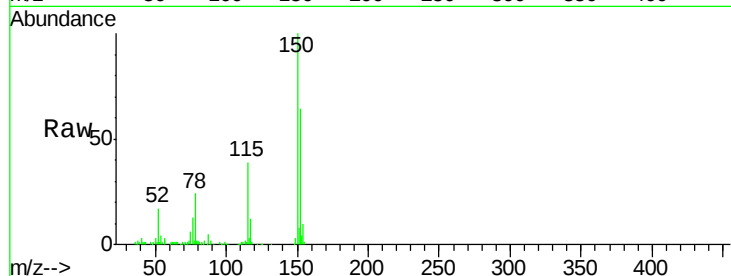
Tgt Ion:152 Resp: 106517

Ion Ratio Lower Upper

152 100

150 157.3 124.2 186.2

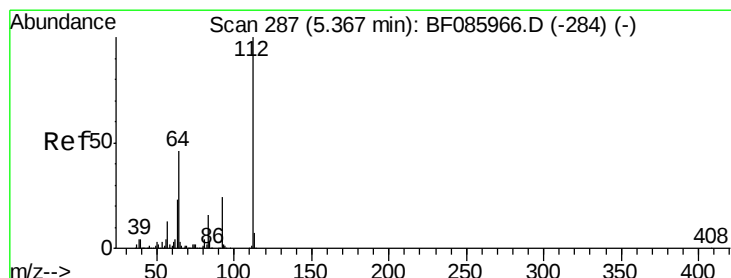
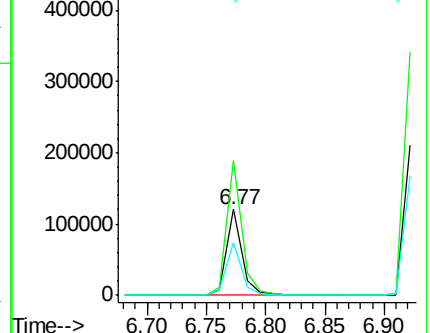
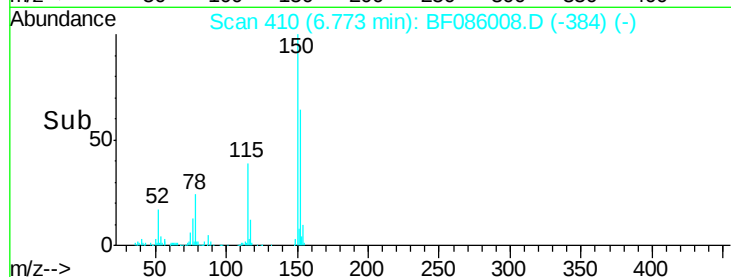
115 60.8 47.0 70.6



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: 110.05 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

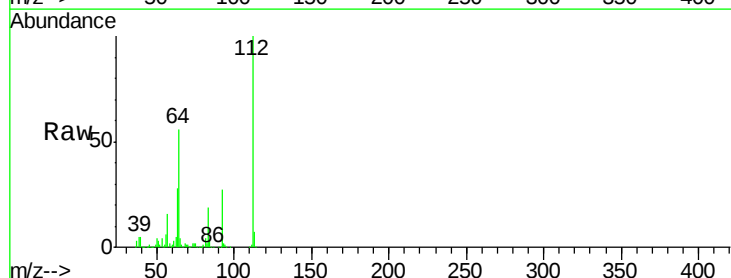
Tgt Ion:112 Resp: 685817

Ion Ratio Lower Upper

112 100

64 55.8 39.9 59.9

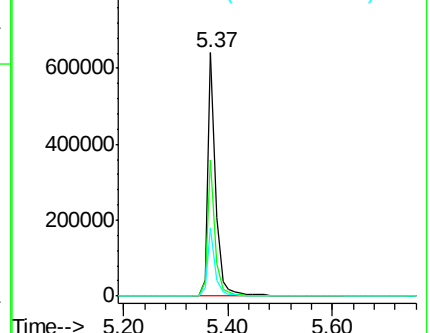
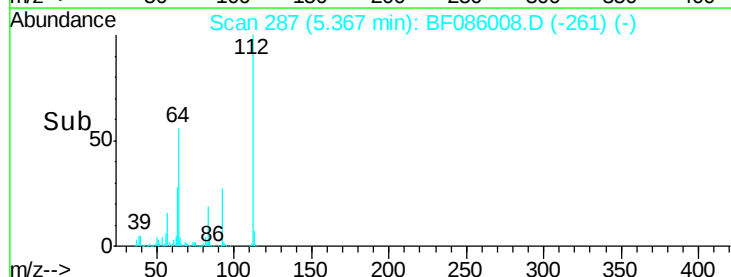
63 28.3 20.2 30.2

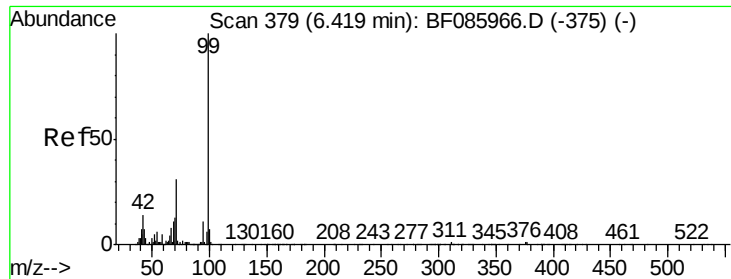


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.02 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

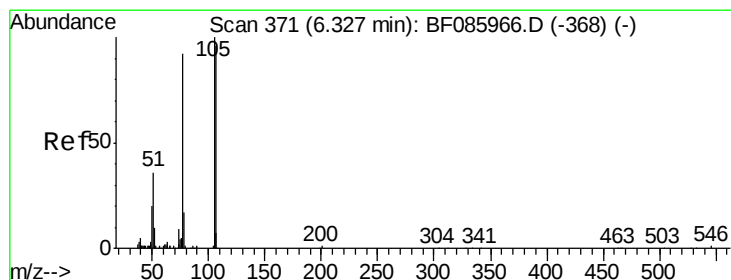
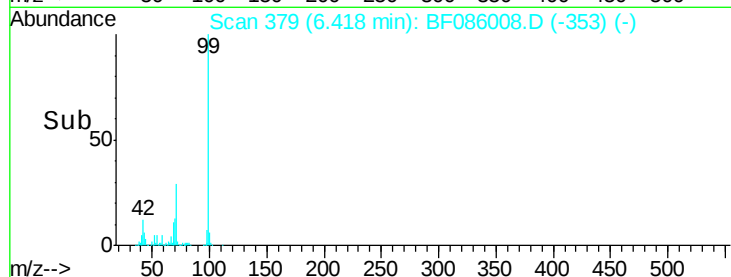
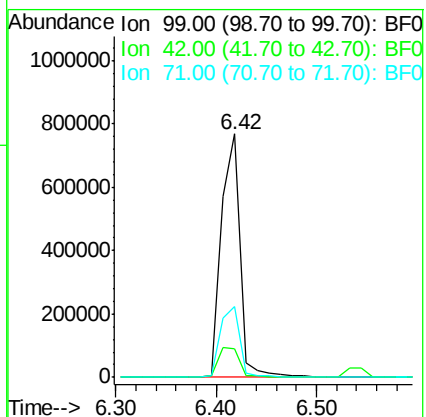
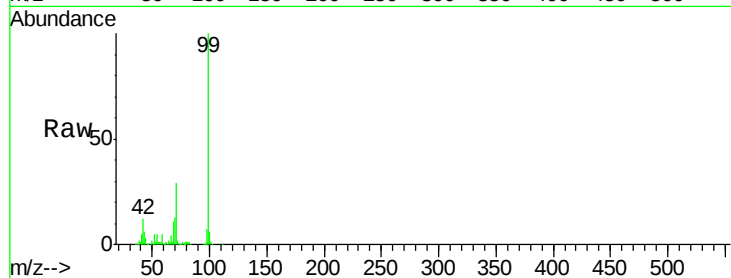
Tgt Ion: 99 Resp: 997463

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 28.9 24.9 37.3



#9

Benzaldehyde

Concen: 4.06 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

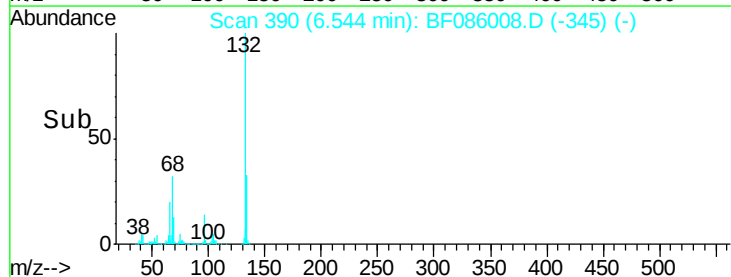
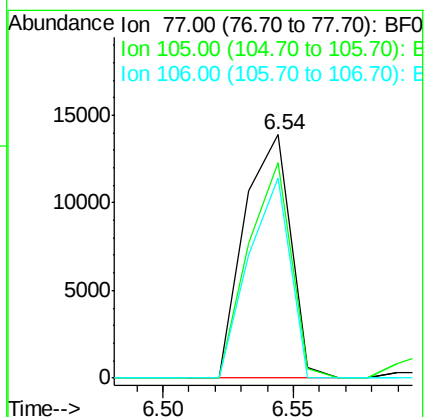
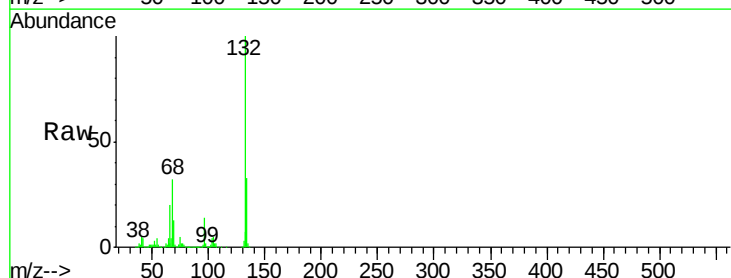
Tgt Ion: 77 Resp: 17277

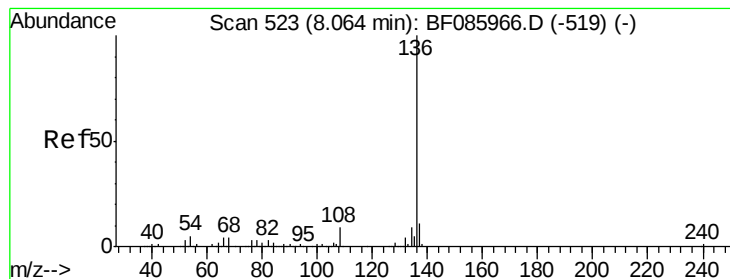
Ion Ratio Lower Upper

77 100

105 88.7 80.1 120.1

106 81.9 75.0 115.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

Tgt Ion:136 Resp: 414314

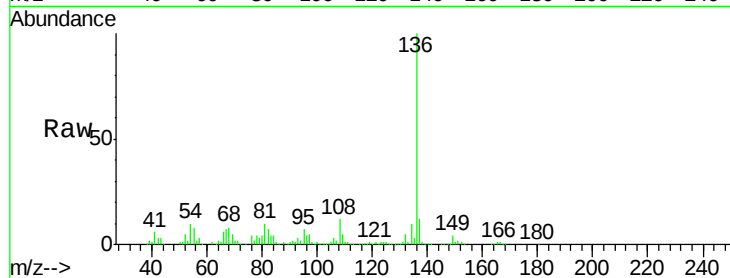
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 9.7 7.4 11.0

68 8.5 5.8 8.8

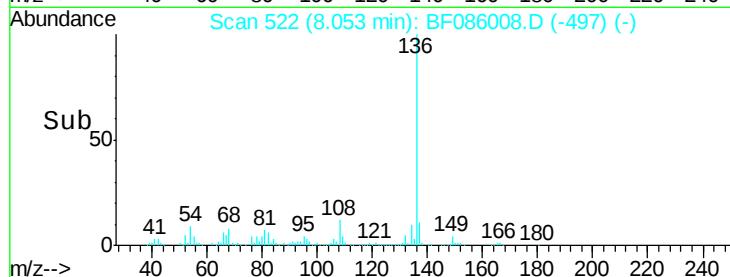


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

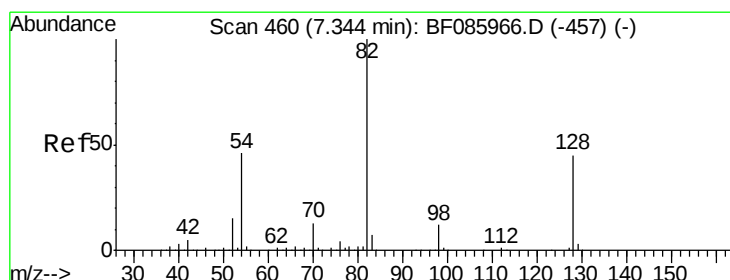
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05



#23

Nitrobenzene-d5

Concen: 89.52 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

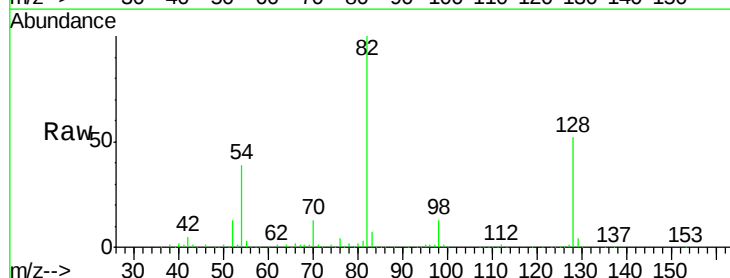
Tgt Ion: 82 Resp: 628903

Ion Ratio Lower Upper

82 100

128 51.9 41.8 62.8

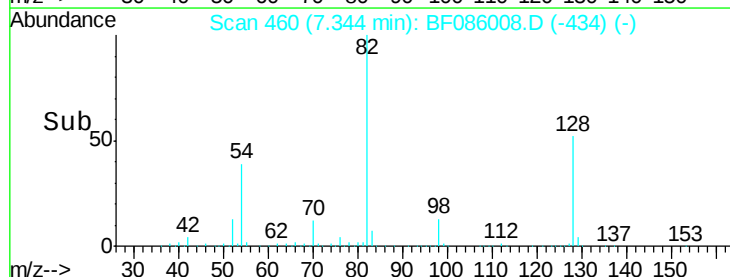
54 39.5 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

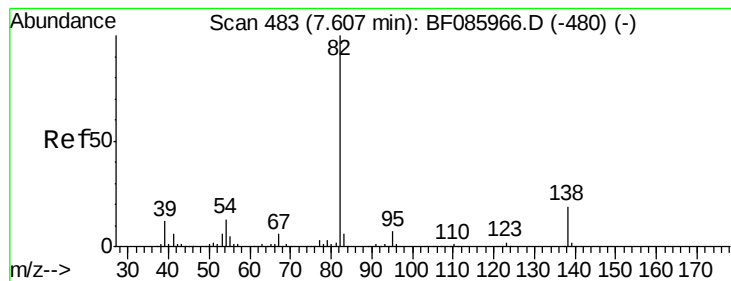
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.34



#25

Isophorone

Concen: 2.03 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.08 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

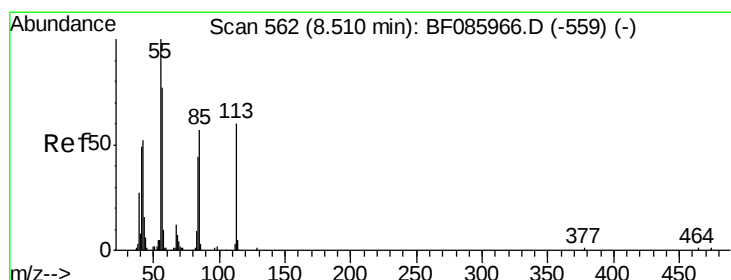
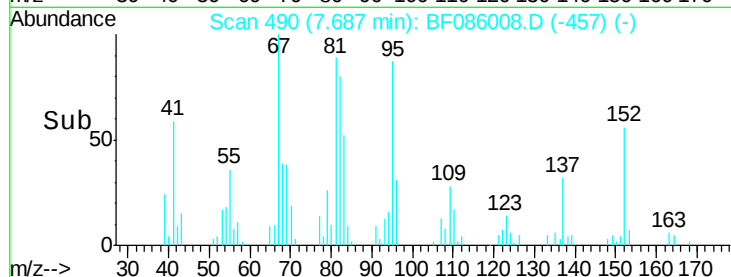
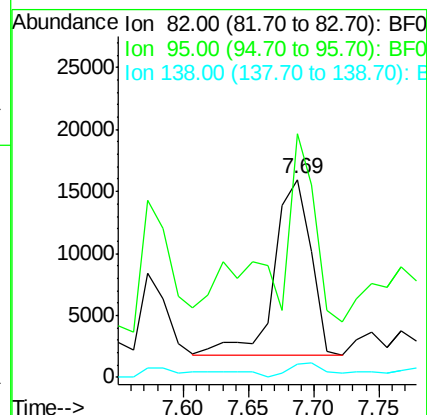
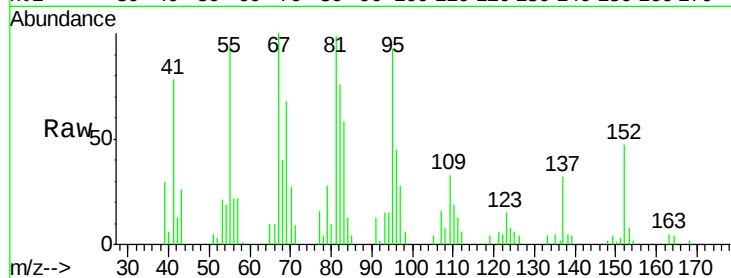
Tgt Ion: 82 Resp: 28206

Ion Ratio Lower Upper

82 100

95 122.9 5.4 8.2#

138 6.6 12.9 19.3#



#35

Caprolactam

Concen: 9.09 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

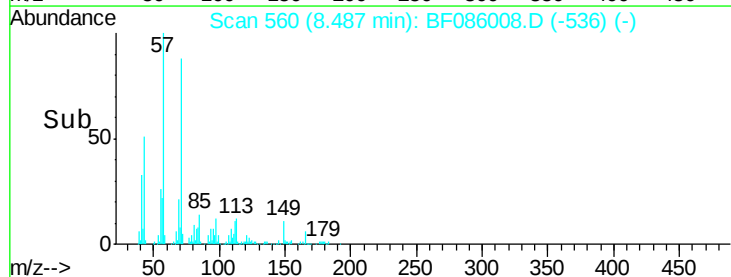
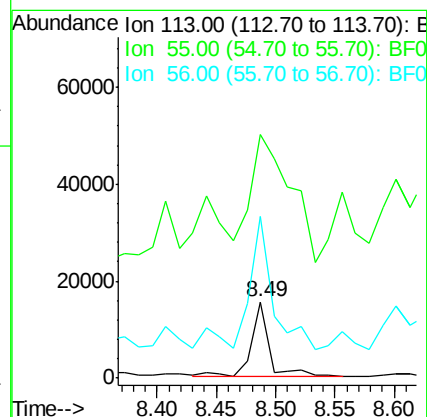
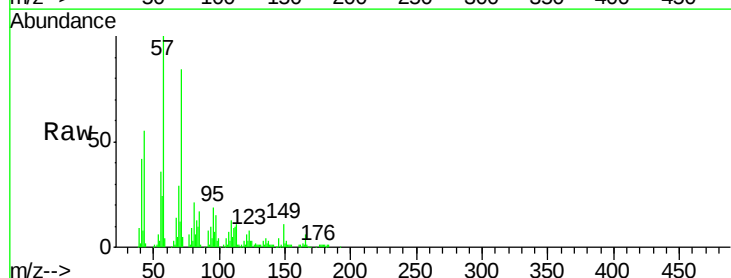
Tgt Ion: 113 Resp: 16109

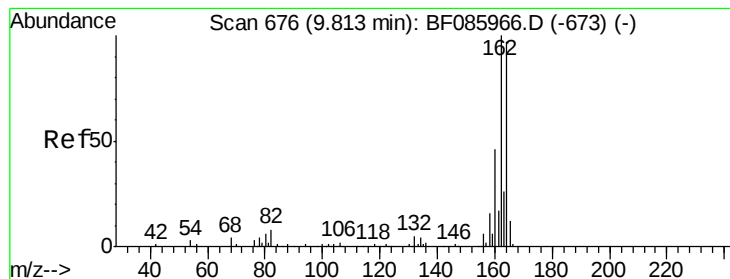
Ion Ratio Lower Upper

113 100

55 320.3 139.4 179.4#

56 213.3 100.4 140.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

Instrument :

BNA_F

ClientSampleId :

BH-10(5-7.5)

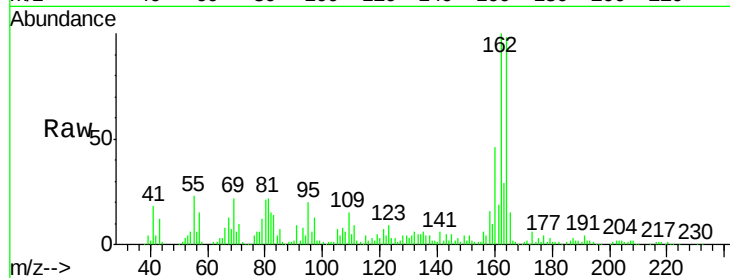
Tgt Ion:164 Resp: 190270

Ion Ratio Lower Upper

164 100

162 101.9 82.1 123.1

160 46.3 37.4 56.2

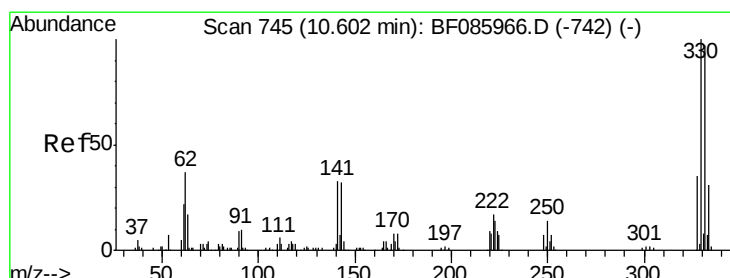
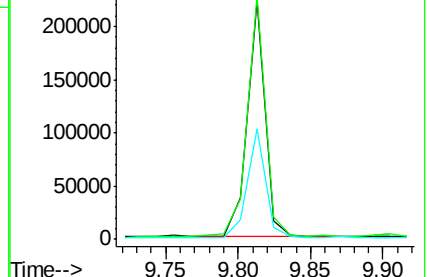
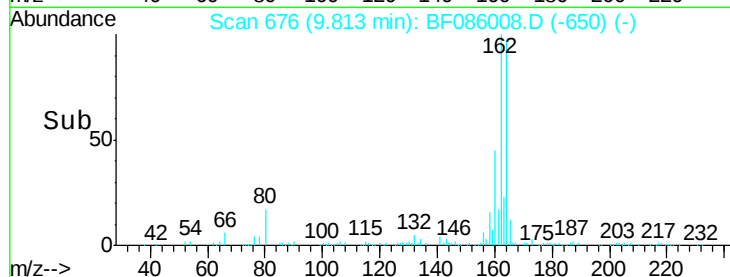


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 124.79 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF086008.D

Acq: 2 Apr 2016 13:33

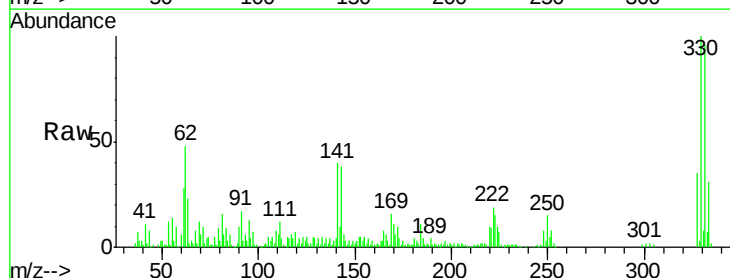
Tgt Ion:330 Resp: 222865

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.2

141 38.4 31.5 47.3

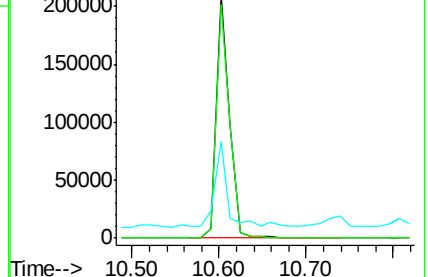
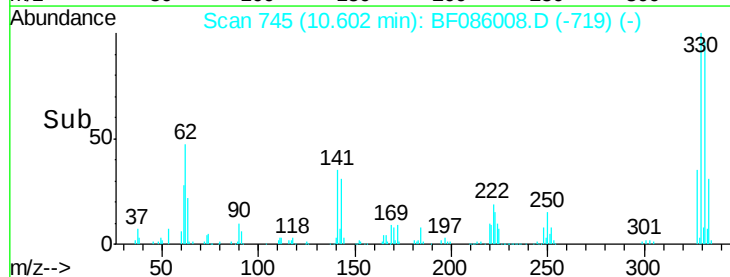


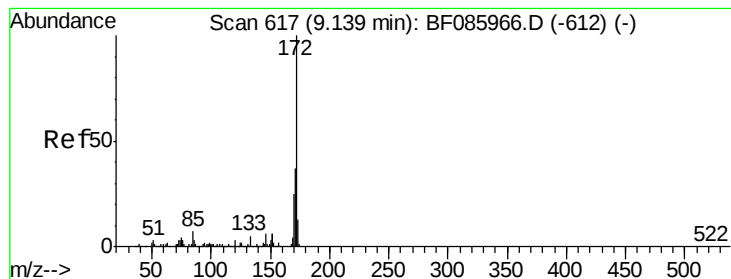
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

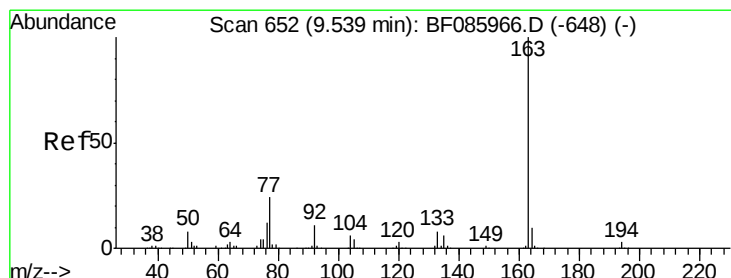
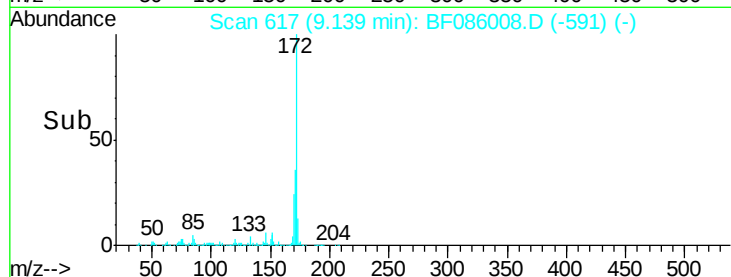
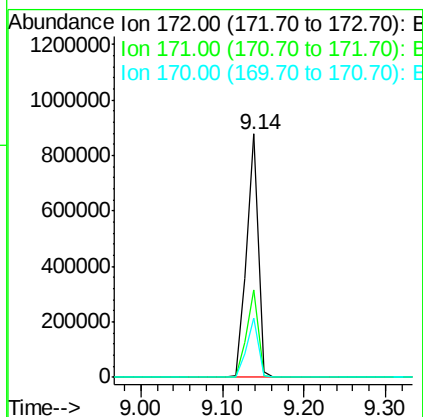
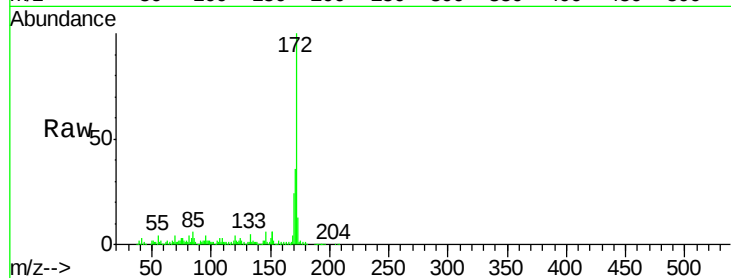




#44
2-Fluorobiphenyl
Concen: 76.76 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

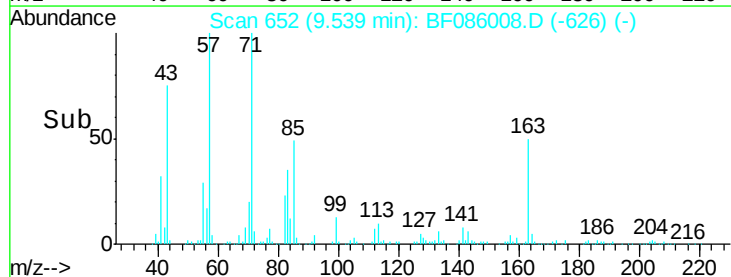
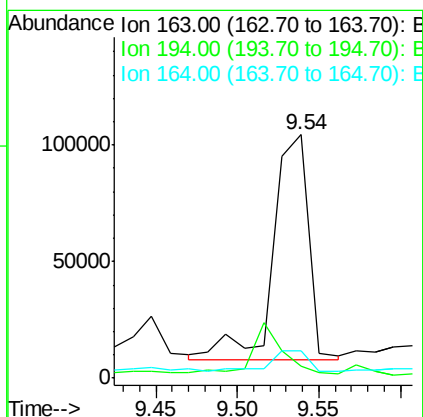
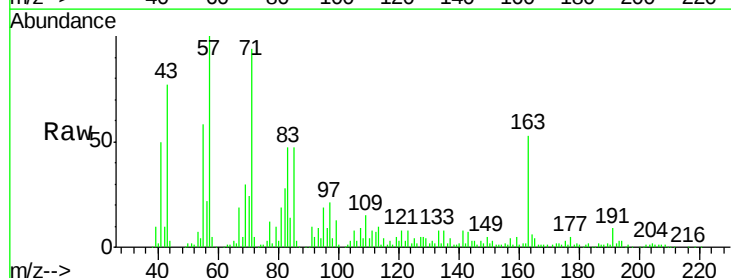
Instrument :
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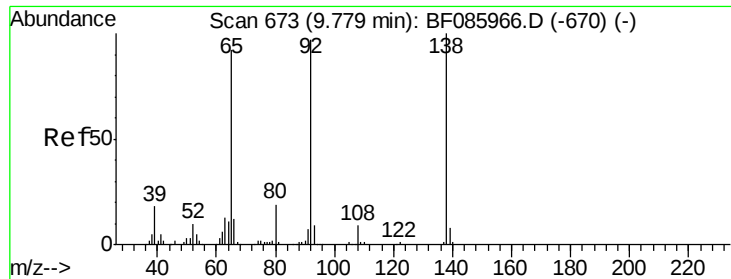
Tgt Ion:172 Resp: 878392
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.2
170 24.3 19.8 29.6



#49
Dimethylphthalate
Concen: 10.33 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Tgt Ion:163 Resp: 145727
Ion Ratio Lower Upper
163 100
194 5.1 2.9 4.3#
164 11.1 8.3 12.5

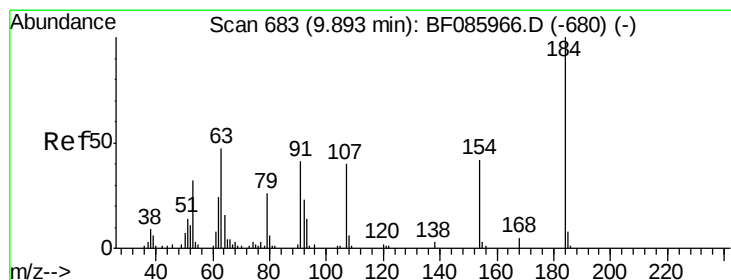
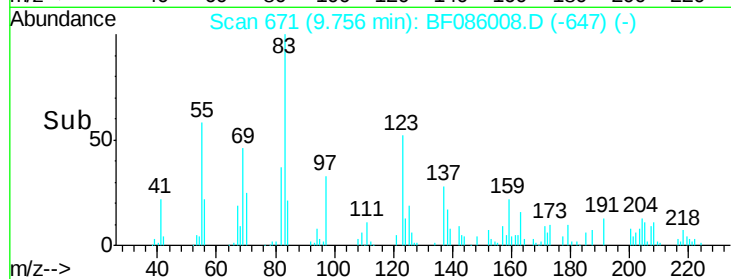
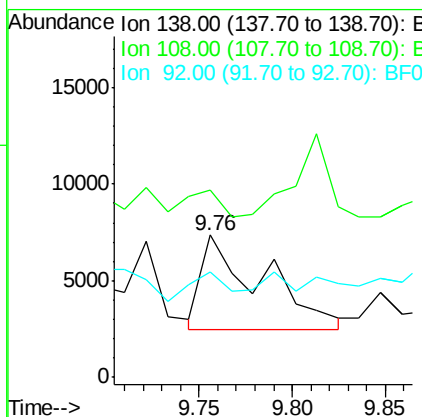
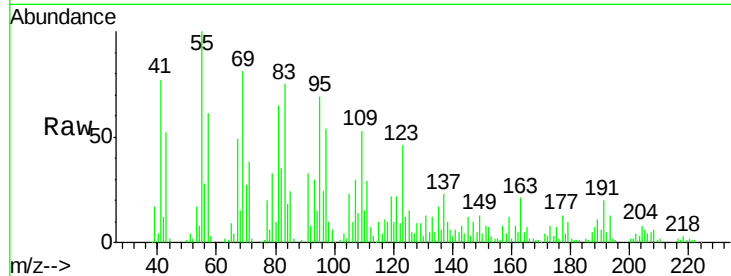




#52
3-Nitroaniline
Concen: 3.10 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

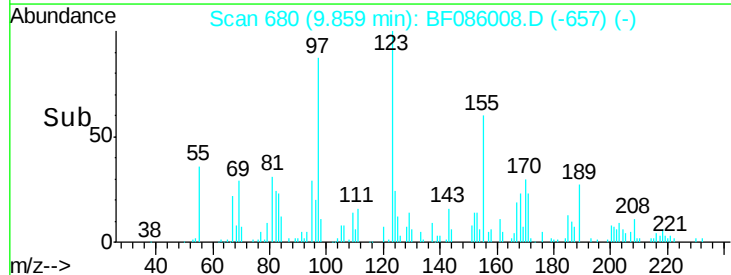
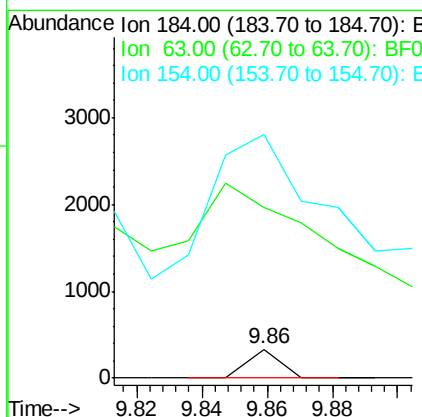
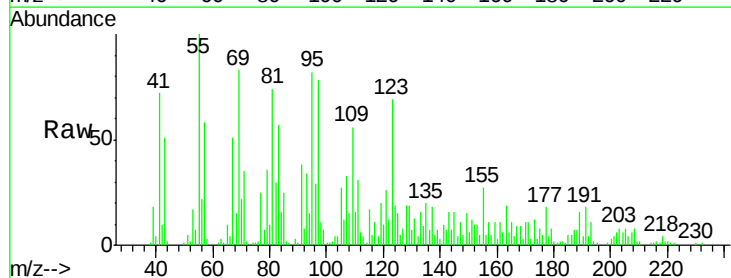
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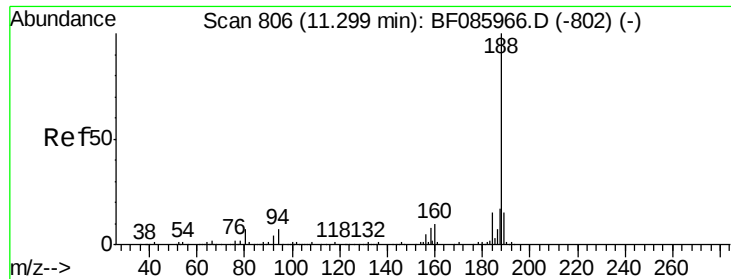
Tgt Ion:138 Resp: 11150
Ion Ratio Lower Upper
138 100
108 131.6 8.7 13.1#
92 74.3 93.3 139.9#



#53
2,4-Dinitrophenol
Concen: 2.13 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Tgt Ion:184 Resp: 229
Ion Ratio Lower Upper
184 100
63 586.5 69.5 104.3#
154 839.8 58.3 87.5#

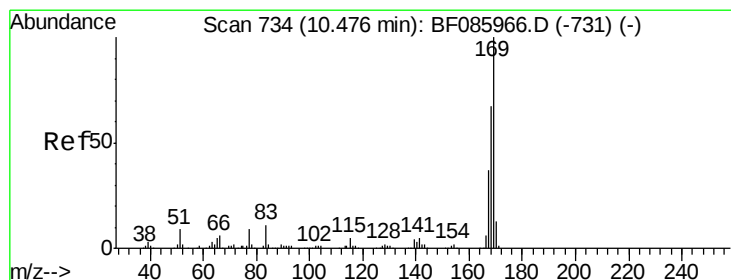
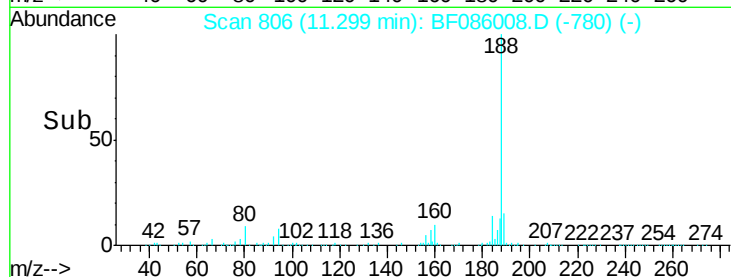
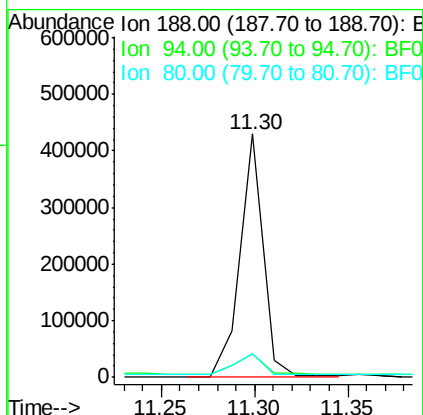
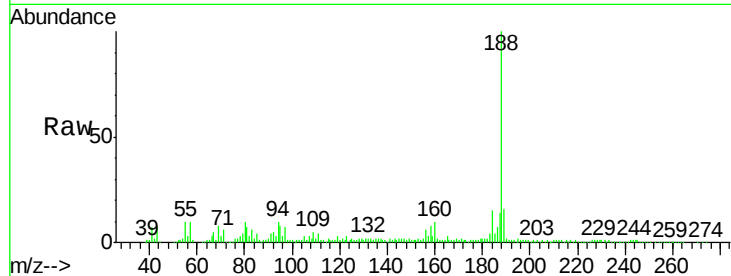




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

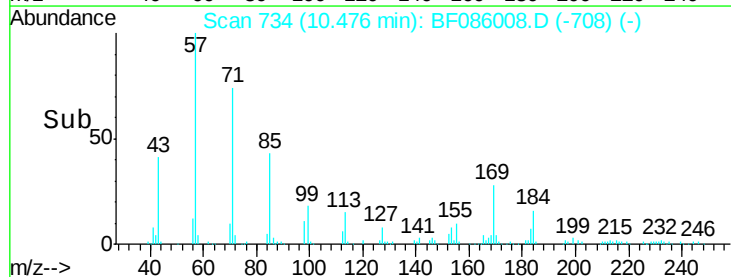
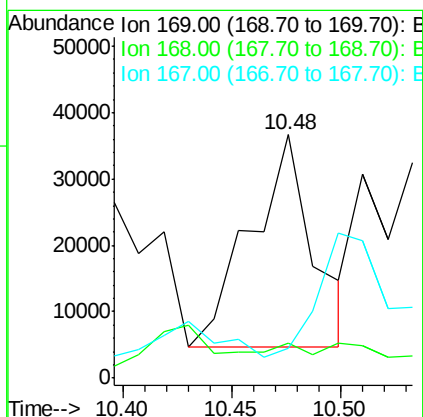
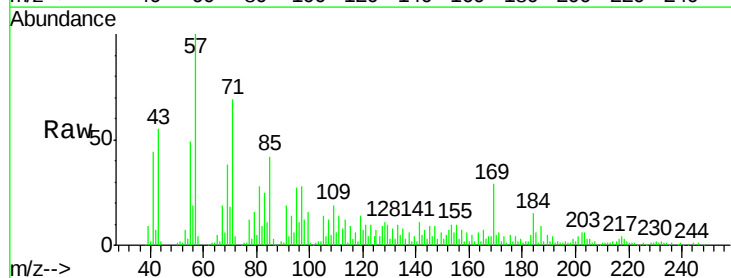
Instrument :
BNA_F
ClientSampleId :
BH-10(5-7.5)

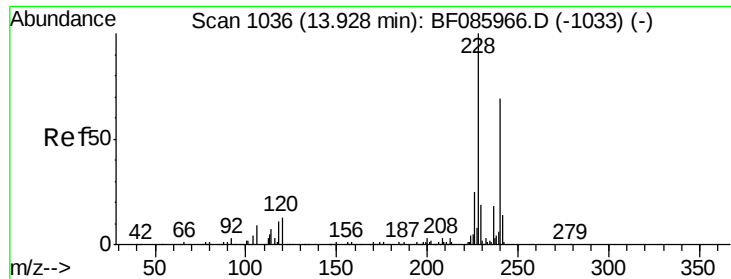
Tgt Ion:188 Resp: 370776
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 9.7 5.5 8.3#



#65
n-Nitrosodiphenylamine
Concen: 5.54 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Tgt Ion:169 Resp: 64251
Ion Ratio Lower Upper
169 100
168 14.2 54.4 81.6#
167 12.2 29.4 44.0#

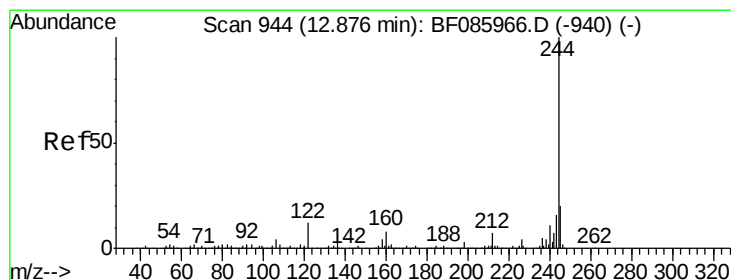
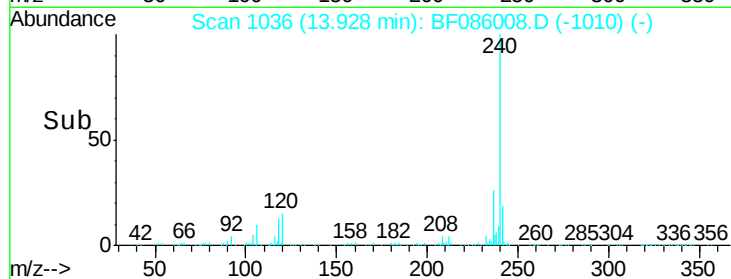
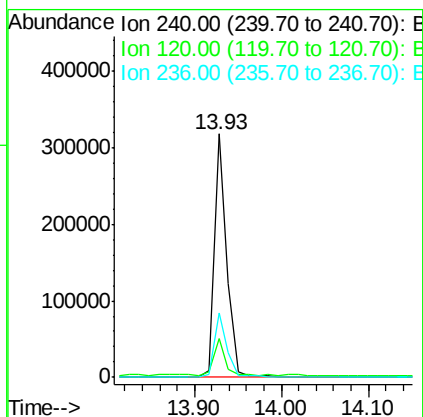
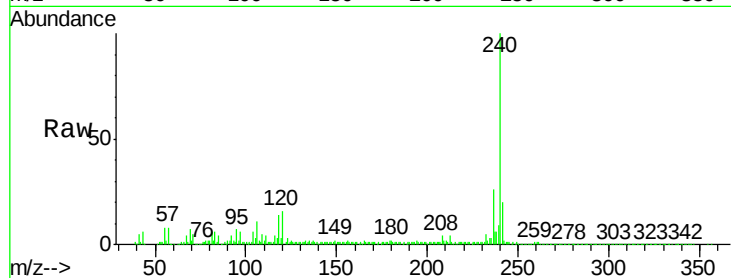




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

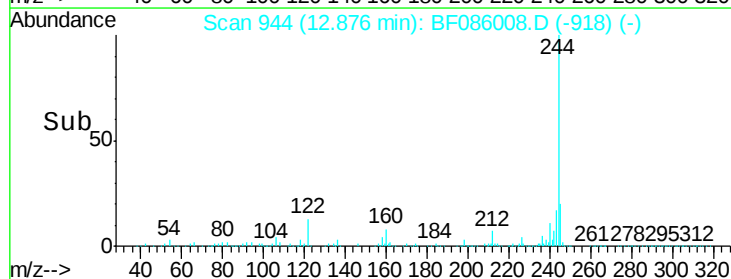
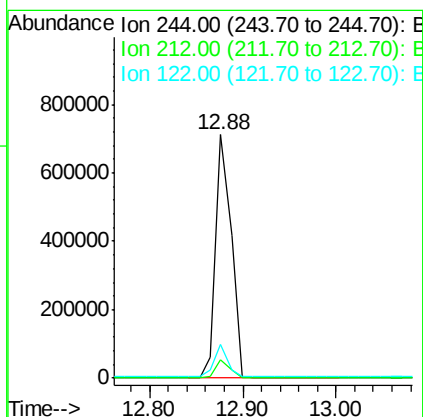
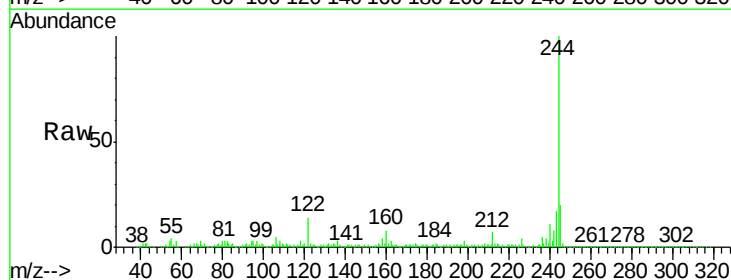
Instrument :
BNA_F
ClientSampleId :
BH-10(5-7.5)

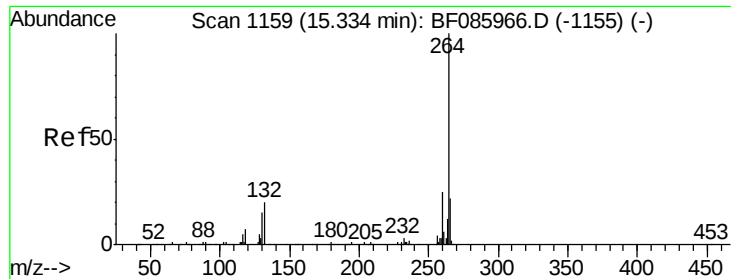
Tgt Ion:240 Resp: 315890
Ion Ratio Lower Upper
240 100
120 16.1 13.8 20.8
236 26.2 20.6 30.8



#78
Terphenyl-d14
Concen: 61.26 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Tgt Ion:244 Resp: 823213
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.8 10.2 15.4

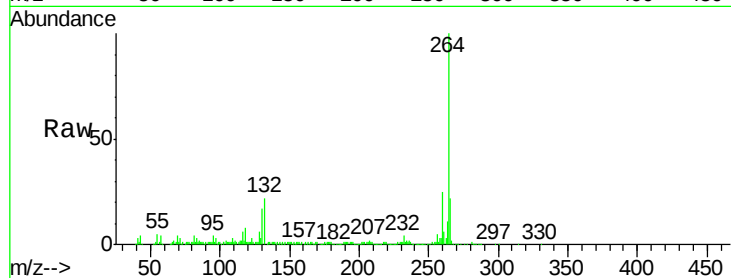




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086008.D
Acq: 2 Apr 2016 13:33

Instrument :
BNA_F
ClientSampleId :
BH-10(5-7.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	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

