

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086141.D
 Acq On : 7 Apr 2016 20:33
 Operator : UM/SJ
 Sample : H2230-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1-040116

Quant Time: Apr 08 01:42:37 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	6.74	152	100483	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	378826	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	205891	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	294649	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	199206	20.00	ng	-0.03
86) Perylene-d12	15.30	264	181940	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	403994	68.72	ng	-0.03
7) Phenol-d6	6.38	99	332174	44.49	ng	-0.03
23) Nitrobenzene-d5	7.31	82	703367	109.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	249310	129.01	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	963661	77.82	ng	-0.03
78) Terphenyl-d14	12.85	244	964105	113.77	ng	-0.02

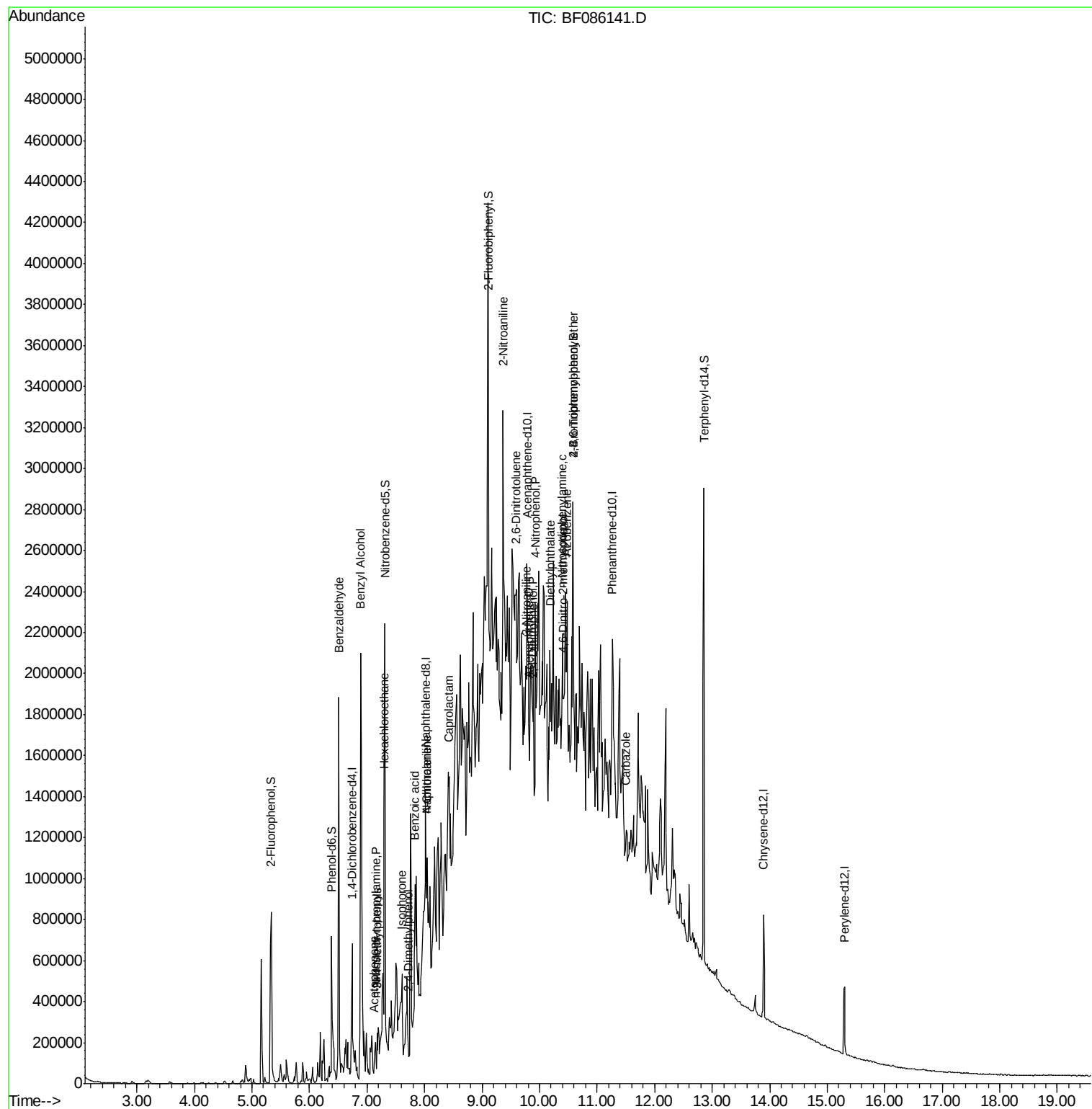
Target Compounds						Qvalue
9) Benzaldehyde	6.51	77	16907	4.21	ng	88
15) Benzyl Alcohol	6.89	79	17086	3.54	ng	# 53
18) Hexachloroethane	7.30	117	205283	72.91	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	9522	2.06	ng	# 20
20) 3+4-Methylphenols	7.17	107	58328	8.68	ng	# 55
22) Acetophenone	7.13	105	46855	5.26	ng	# 56
25) Isophorone	7.61	82	35800	2.82	ng	# 46
27) 2,4-Dimethylphenol	7.71	122	25502	4.22	ng	95
31) Naphthalene	8.04	128	207610	10.90	ng	# 96
32) Benzoic acid	7.84	122	54598	12.32	ng	# 22
33) 4-Chloroaniline	8.04	127	48333	6.28	ng	# 39
35) Caprolactam	8.42	113	29576	18.26	ng	# 1
47) 2-Nitroaniline	9.37	65	42881	11.39	ng	# 23
50) 2,6-Dinitrotoluene	9.60	165	20115	6.23	ng	# 75
51) Acenaphthene	9.81	154	35204	2.87	ng	89
52) 3-Nitroaniline	9.77	138	18692	4.80	ng	# 27
53) 2,4-Dinitrophenol	9.88	184	434	2.30	ng	# 1
55) 4-Nitrophenol	9.93	139	18430	8.03	ng	# 12
59) Diethylphthalate	10.18	149	85150	5.53	ng	# 83
62) Azobenzene	10.48	77	48277	3.27	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.41	198	3736	2.09	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	30113	3.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.58	248	15997	5.32	ng	# 1
72) Carbazole	11.50	167	45171	3.12	ng	# 79

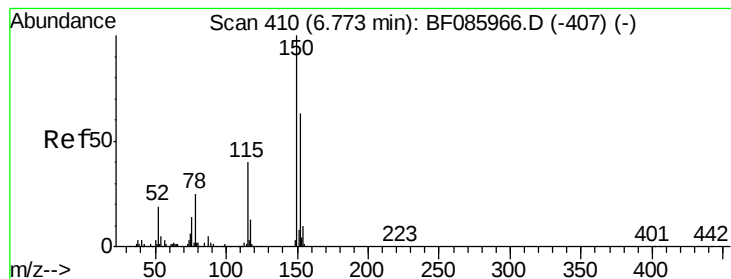
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

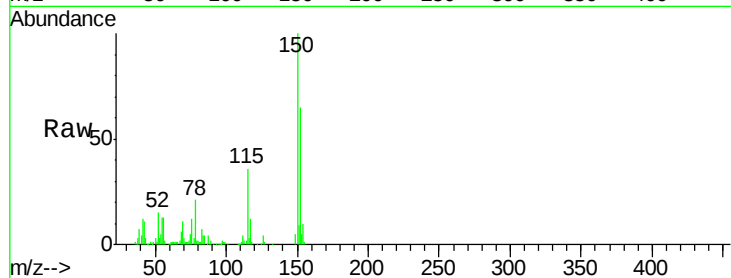
Tgt Ion:152 Resp: 100483

Ion Ratio Lower Upper

152 100

150 153.6 124.2 186.2

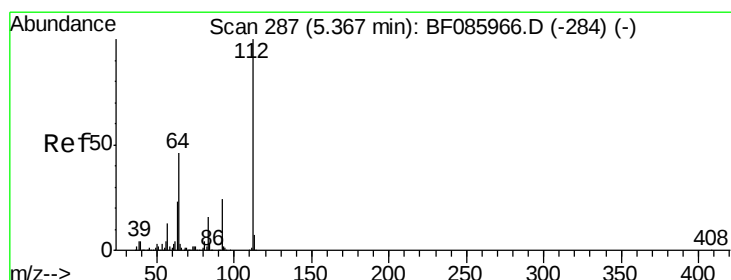
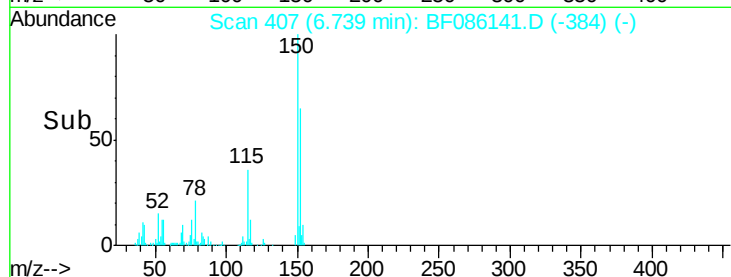
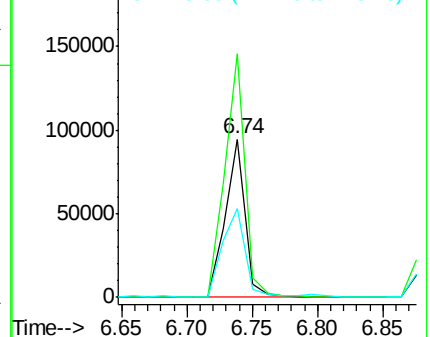
115 56.0 47.0 70.6



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: 68.72 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

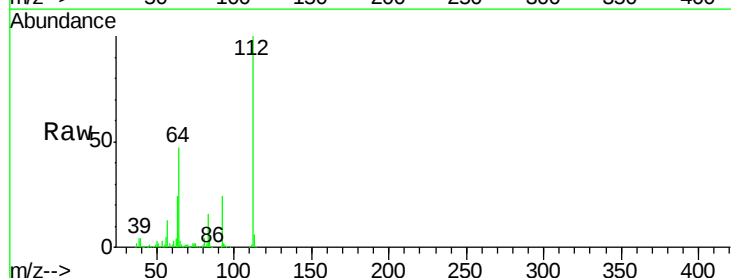
Tgt Ion:112 Resp: 403994

Ion Ratio Lower Upper

112 100

64 46.5 39.9 59.9

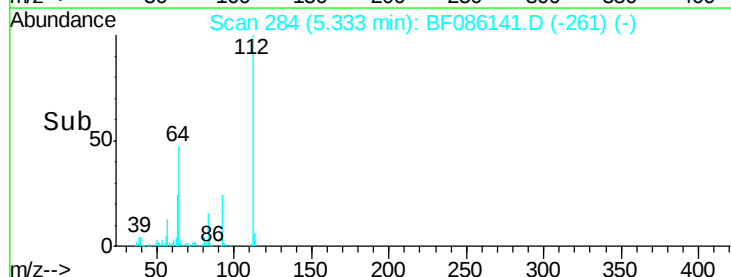
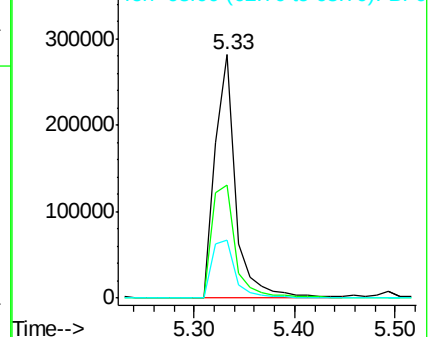
63 23.9 20.2 30.2



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: 44.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

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ClientSampleId :

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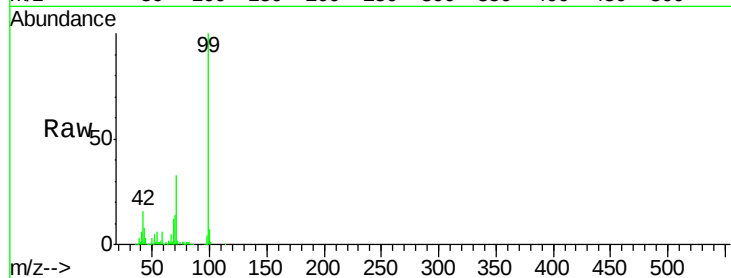
Tgt Ion: 99 Resp: 332174

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

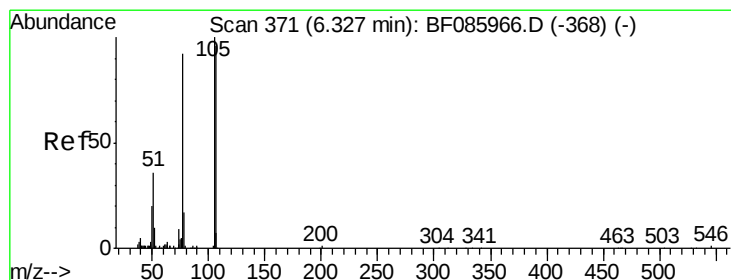
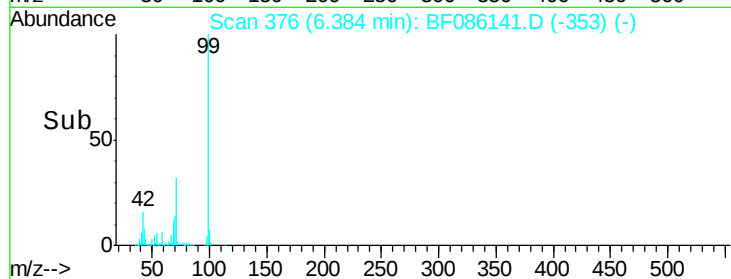
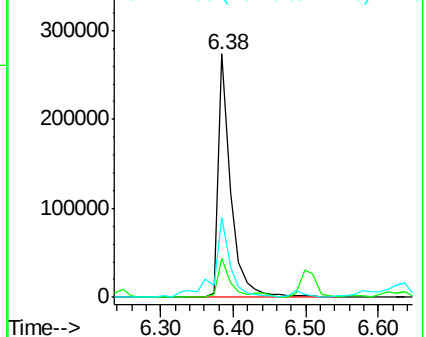
71 33.0 24.9 37.3



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: 4.21 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

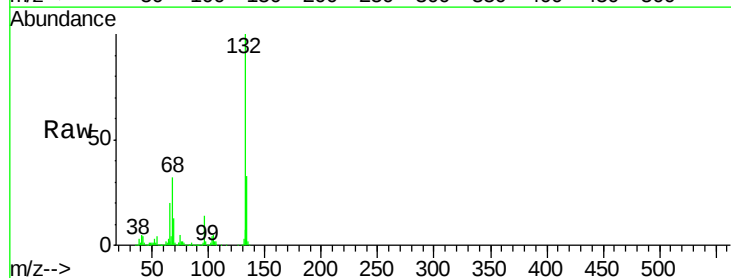
Tgt Ion: 77 Resp: 16907

Ion Ratio Lower Upper

77 100

105 89.4 80.1 120.1

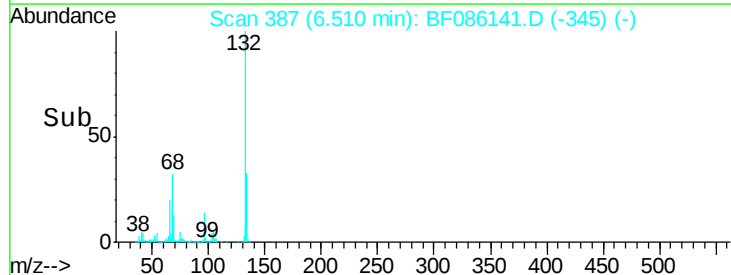
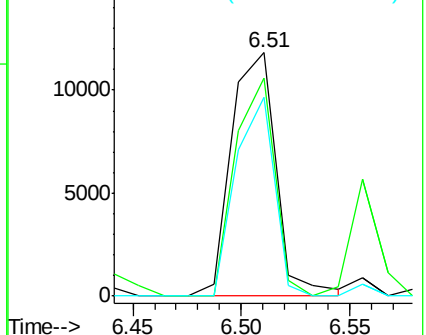
106 81.7 75.0 115.0

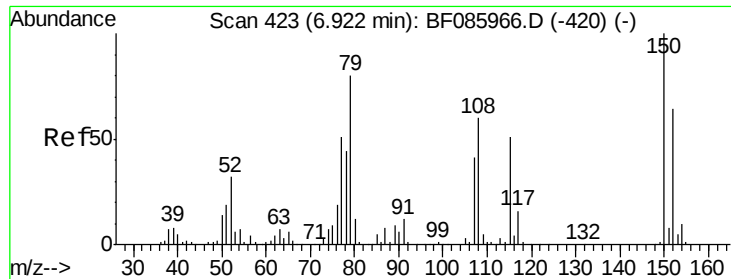


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

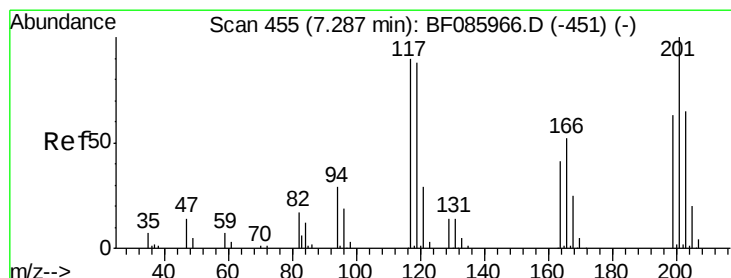
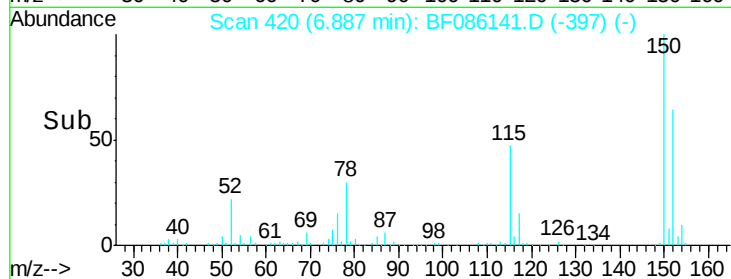
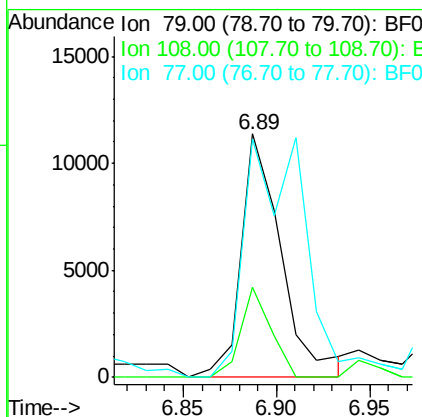
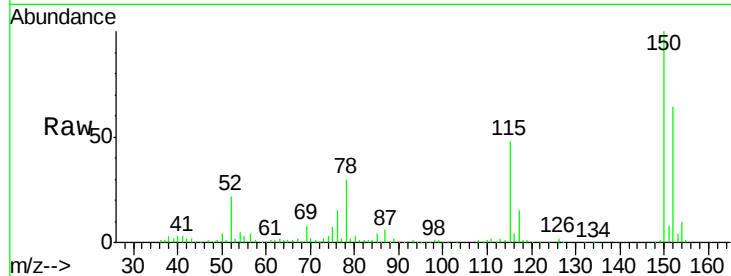




#15
Benzyl Alcohol
Concen: 3.54 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

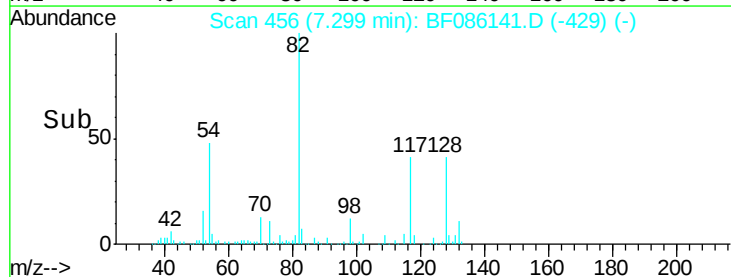
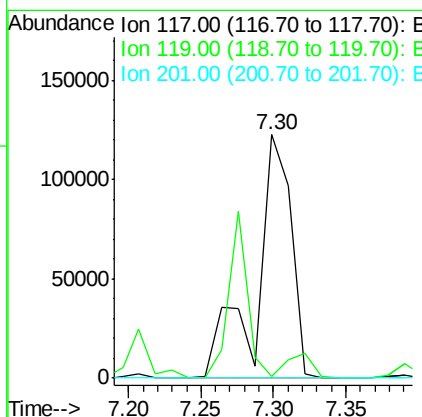
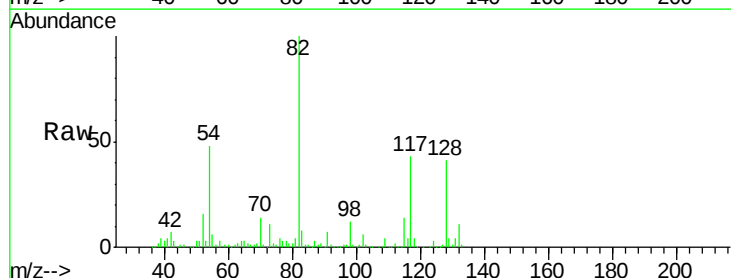
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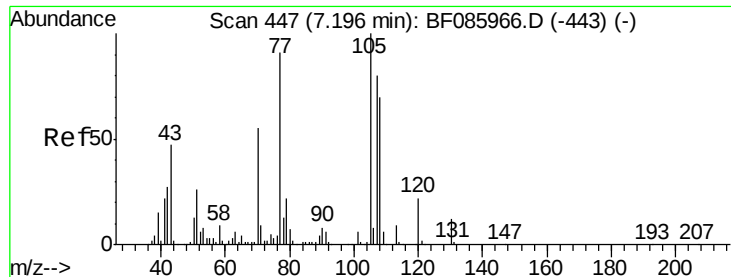
Tgt Ion: 79 Resp: 17086
Ion Ratio Lower Upper
79 100
108 36.8 61.8 92.6#
77 97.9 49.6 74.4#



#18
Hexachloroethane
Concen: 72.91 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion: 117 Resp: 205283
Ion Ratio Lower Upper
117 100
119 0.9 76.7 115.1#
201 0.0 83.3 124.9#

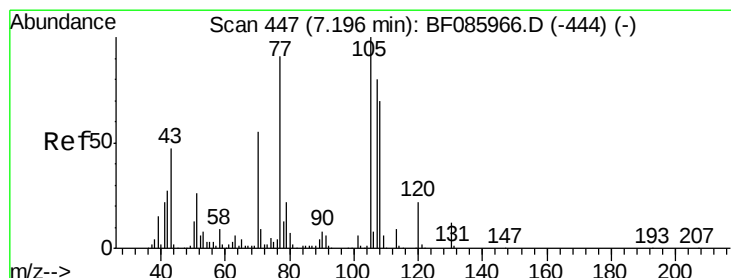
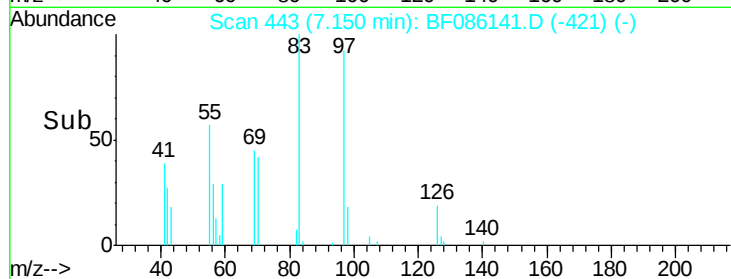
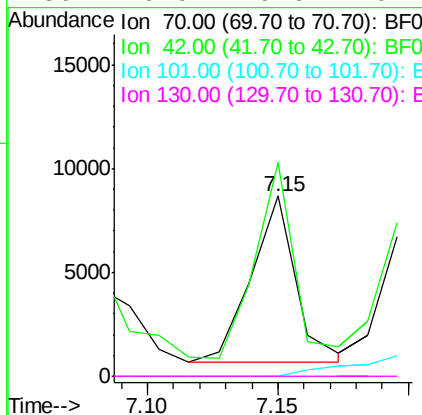
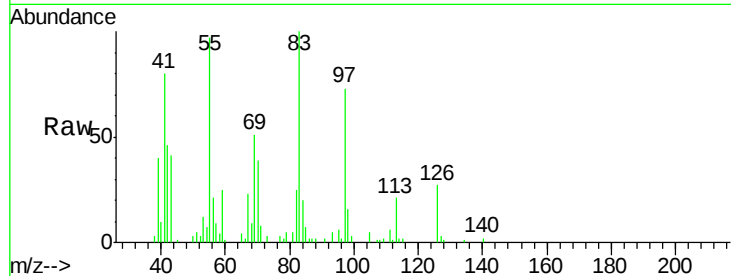




#19
n-Nitroso-di-n-propylamine
Concen: 2.06 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

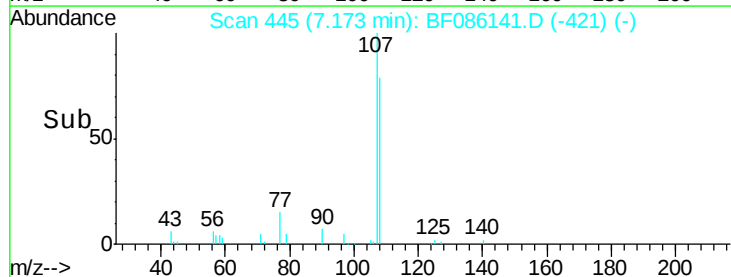
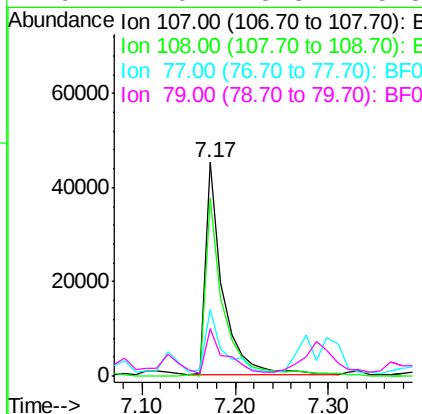
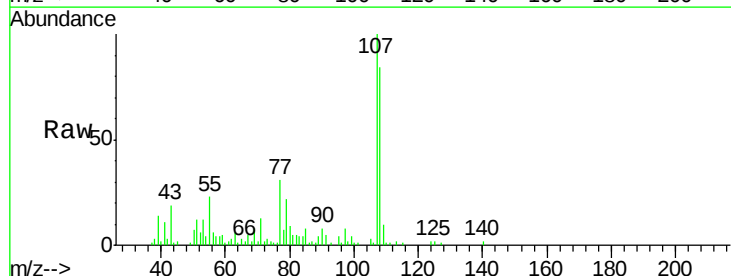
Instrument :
BNA_F
ClientSampleId :
RW-1-040116

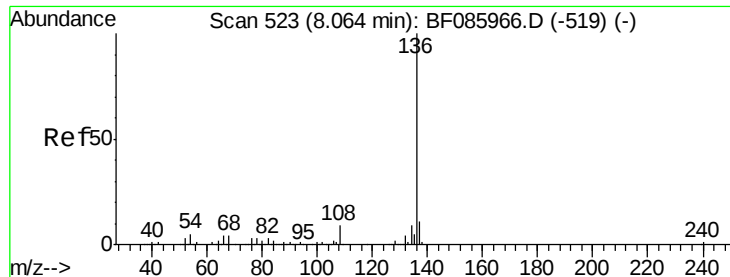
Tgt Ion: 70 Resp: 9522
Ion Ratio Lower Upper
70 100
42 118.4 37.1 55.7#
101 0.0 8.6 12.8#
130 0.0 19.6 29.4#



#20
3+4-Methylphenols
Concen: 8.68 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion: 107 Resp: 58328
Ion Ratio Lower Upper
107 100
108 83.6 69.3 109.3
77 31.3 101.7 141.7#
79 22.0 8.3 48.3

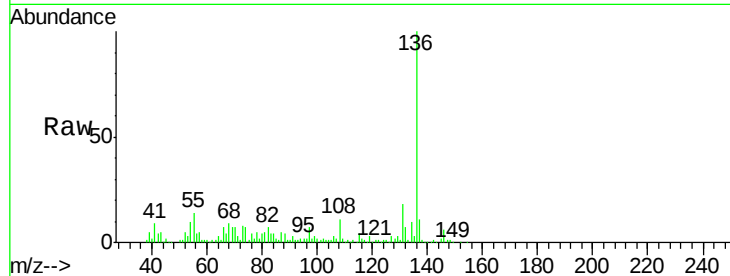




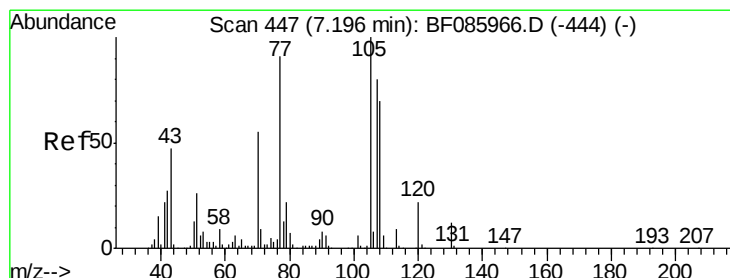
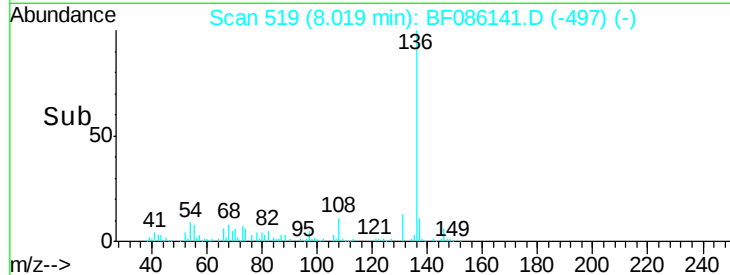
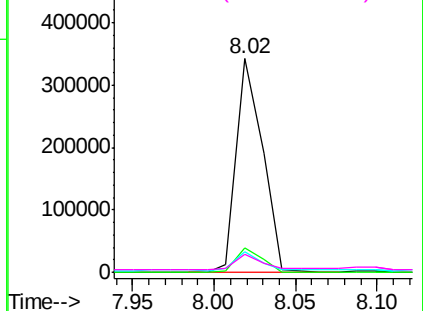
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Instrument :
BNA_F
ClientSampleId :
RW-1-040116

Tgt Ion:	136	Resp:	378826
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.9	7.4	11.0
68	8.6	5.8	8.8

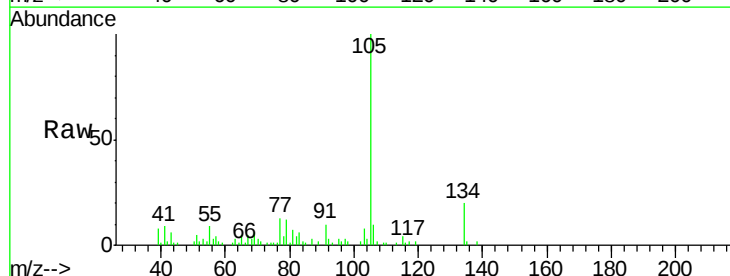


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

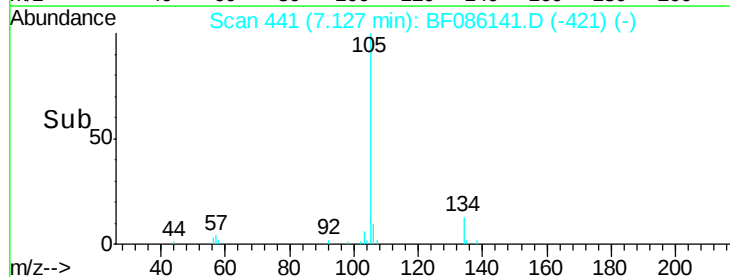
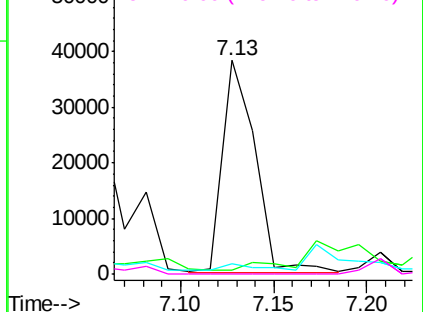


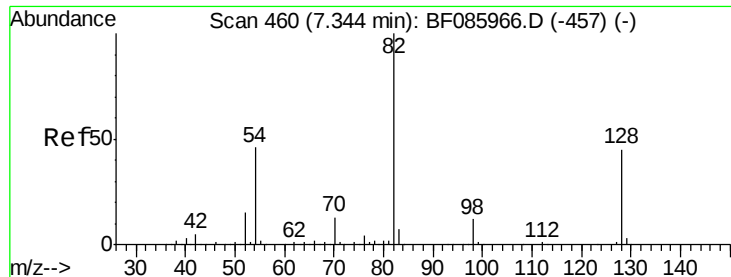
#22
Acetophenone
Concen: 5.26 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion:	105	Resp:	46855
Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.6	5.4#
51	4.7	25.4	38.0#
120	0.0	16.9	25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

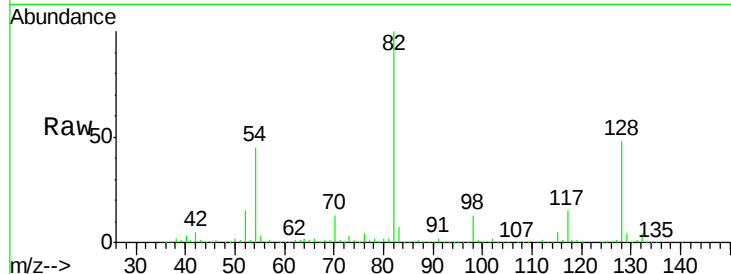




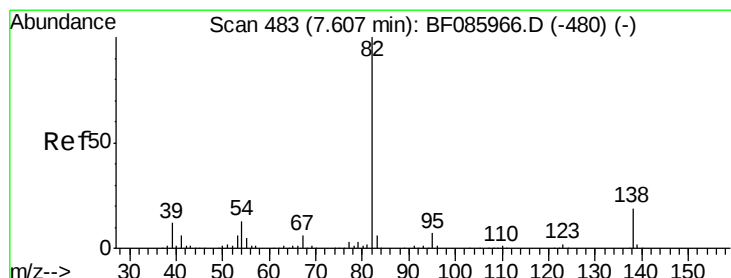
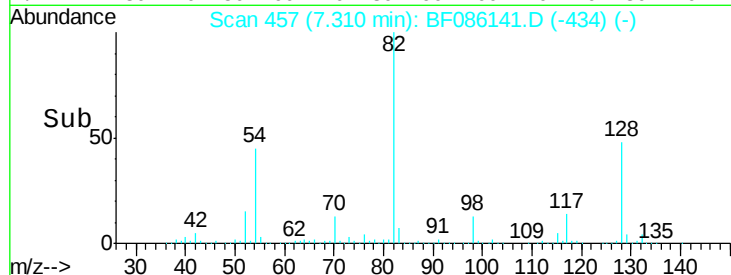
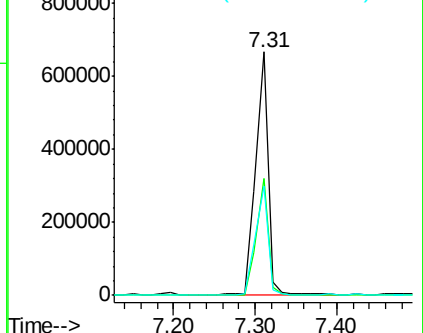
#23
 Nitrobenzene-d5
 Concen: 109.49 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 RW-1-040116

Tgt Ion: 82 Resp: 703367
 Ion Ratio Lower Upper
 82 100
 128 47.8 41.8 62.8
 54 44.8 33.4 50.0

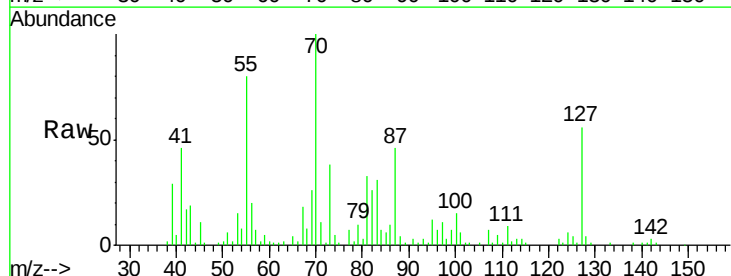


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

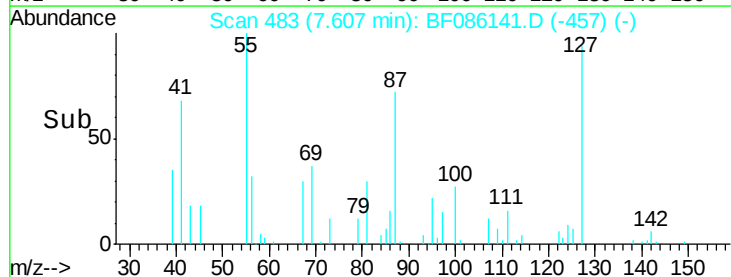
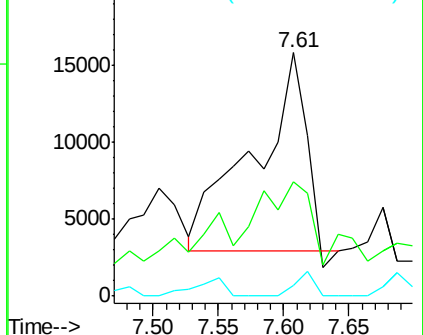


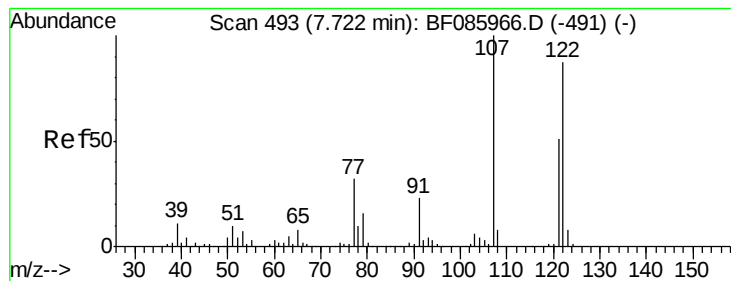
#25
 Isophorone
 Concen: 2.82 ng
 RT: 7.61 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

Tgt Ion: 82 Resp: 35800
 Ion Ratio Lower Upper
 82 100
 95 47.0 5.4 8.2#
 138 4.3 12.9 19.3#



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

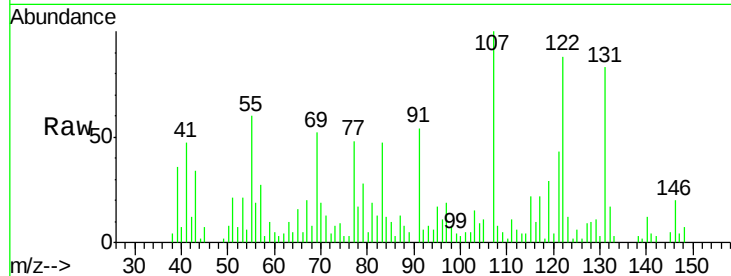




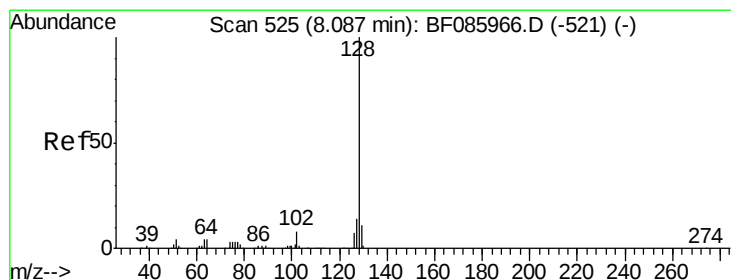
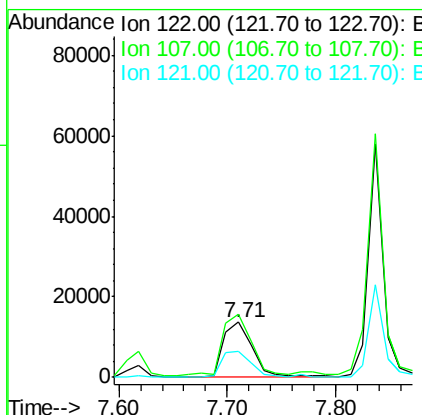
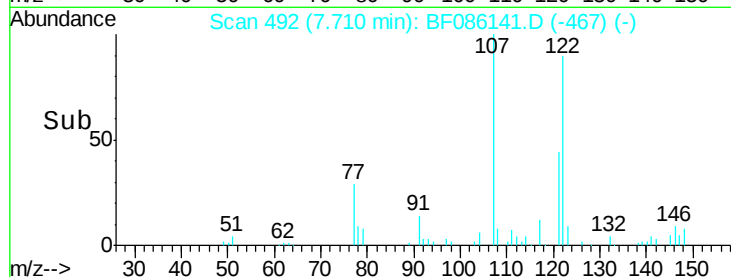
#27
2,4-Dimethylphenol
Concen: 4.22 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Instrument :
BNA_F
ClientSampleId :
RW-1-040116

Tgt Ion:122 Resp: 25502
Ion Ratio Lower Upper
122 100
107 113.8 93.0 139.6
121 48.5 45.9 68.9

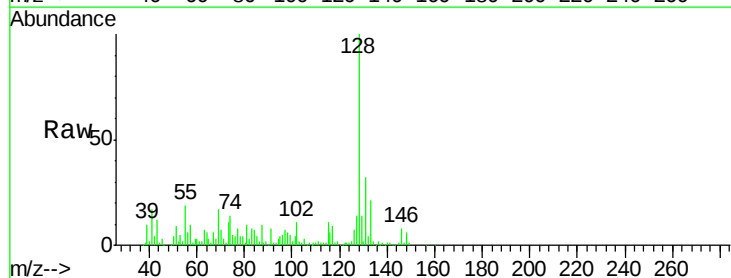


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

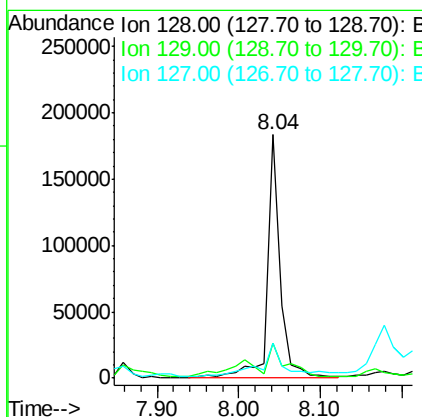
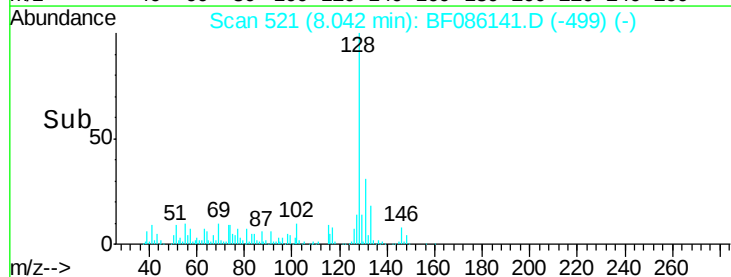


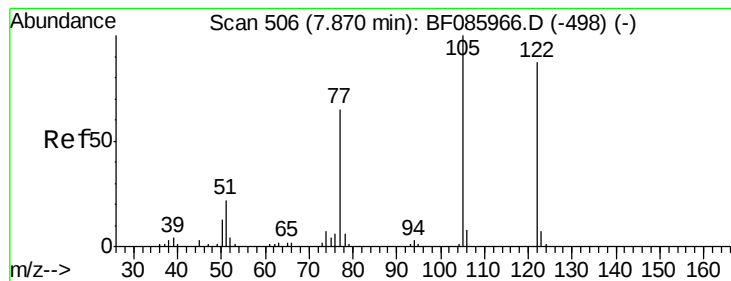
#31
Naphthalene
Concen: 10.90 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion:128 Resp: 207610
Ion Ratio Lower Upper
128 100
129 14.5 9.4 14.0#
127 14.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 12.32 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

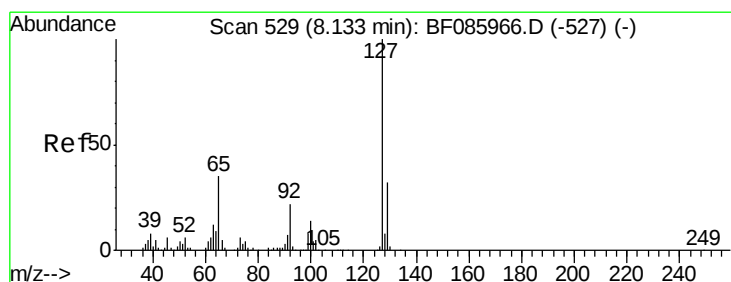
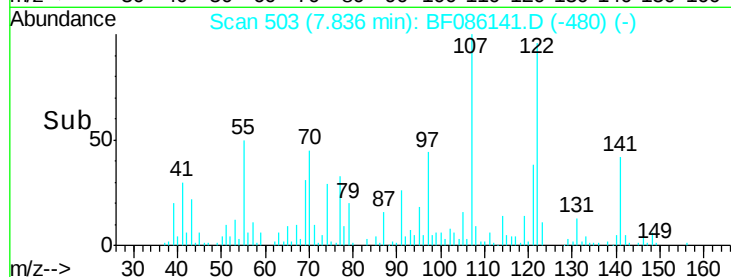
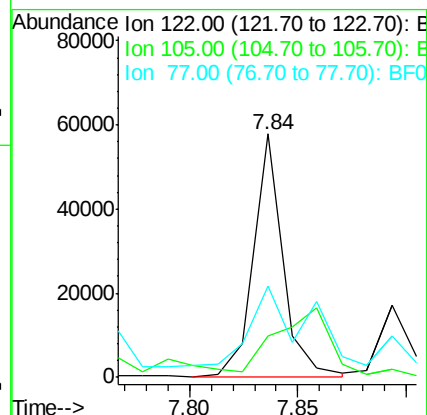
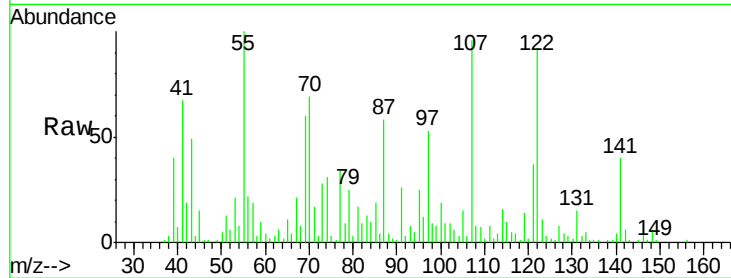
Tgt Ion:122 Resp: 54598

Ion Ratio Lower Upper

122 100

105 16.8 102.9 142.9#

77 37.5 71.8 111.8#



#33

4-Chloroaniline

Concen: 6.28 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.09 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Tgt Ion:127 Resp: 48333

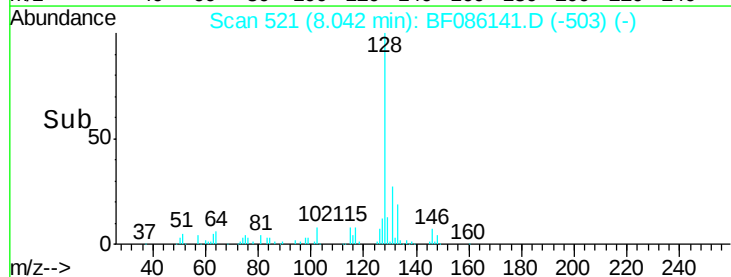
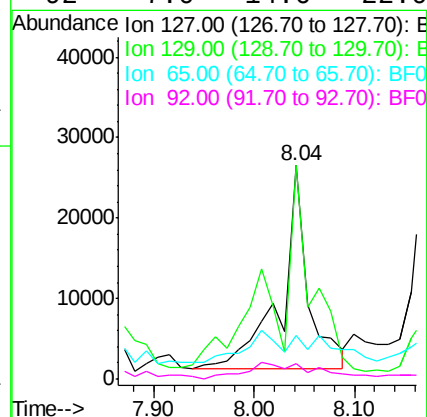
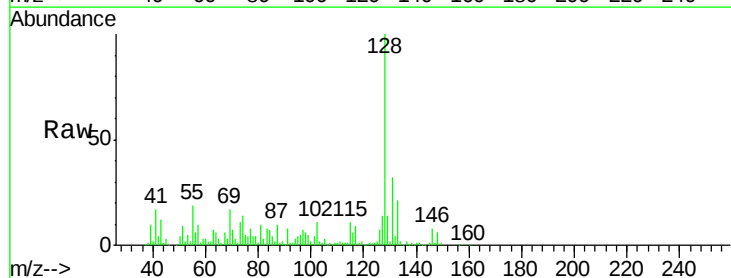
Ion Ratio Lower Upper

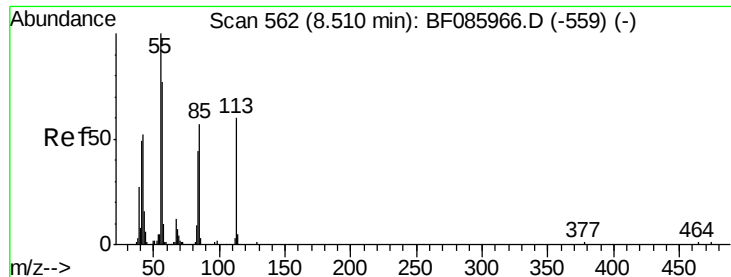
127 100

129 100.0 26.1 39.1#

65 20.5 19.5 29.3

92 7.0 14.6 22.0#

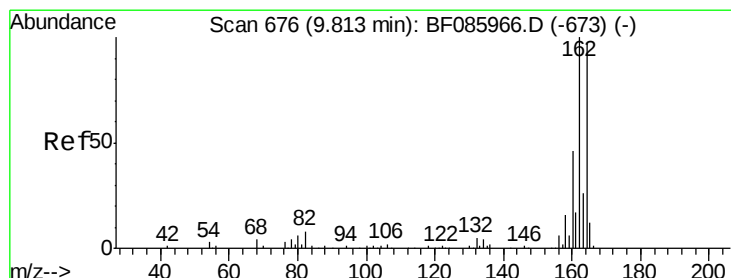
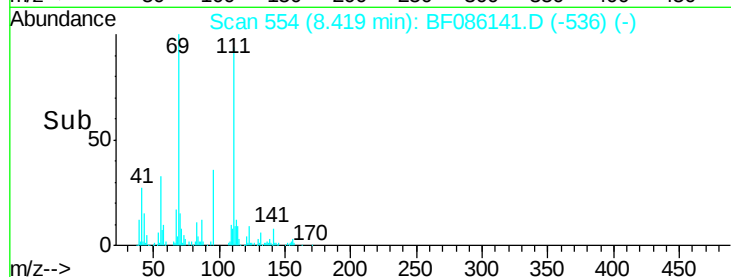
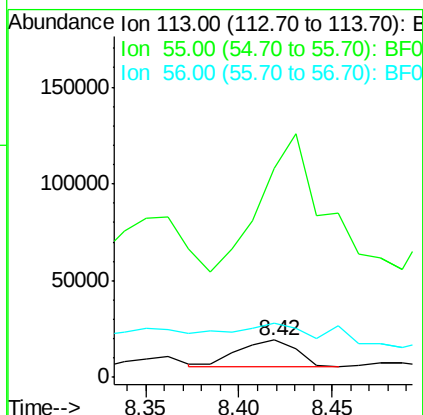
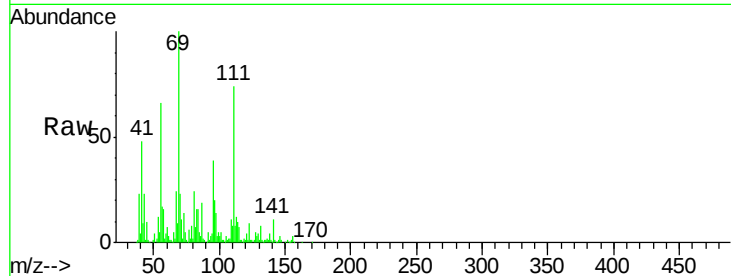




#35
 Caprolactam
 Concen: 18.26 ng
 RT: 8.42 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

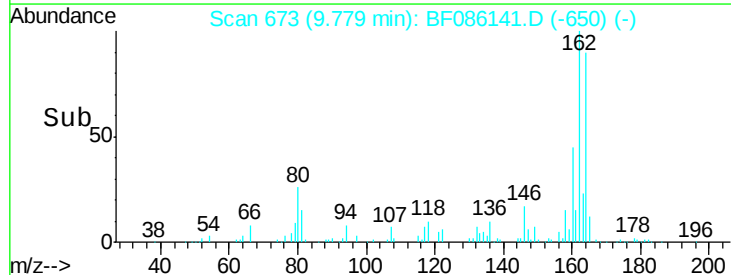
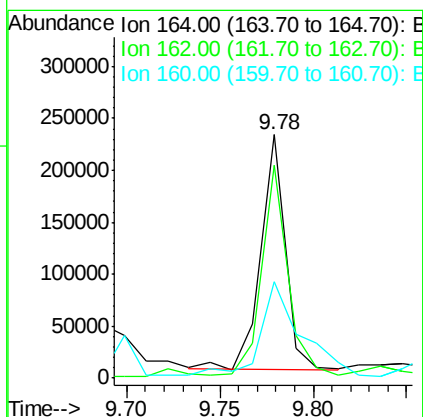
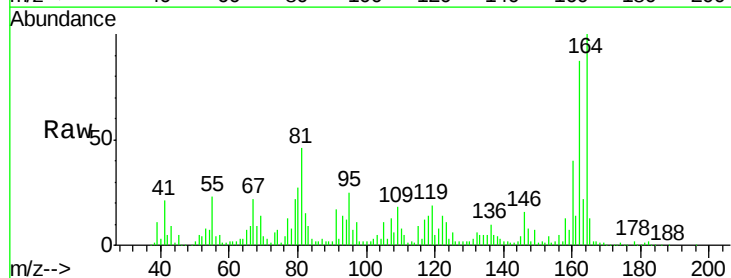
Instrument :
 BNA_F
 ClientSampleId :
 RW-1-040116

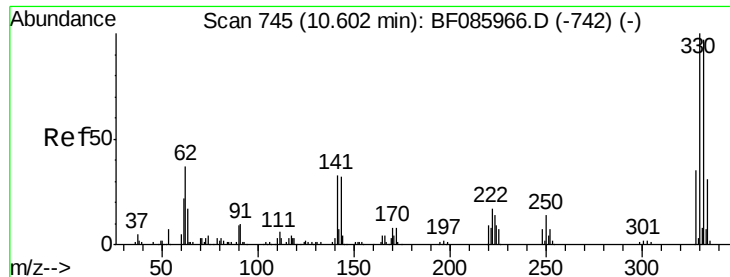
Tgt Ion:113 Resp: 29576
 Ion Ratio Lower Upper
 113 100
 55 565.1 139.4 179.4#
 56 147.3 100.4 140.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

Tgt Ion:164 Resp: 205891
 Ion Ratio Lower Upper
 164 100
 162 87.5 82.1 123.1
 160 39.7 37.4 56.2

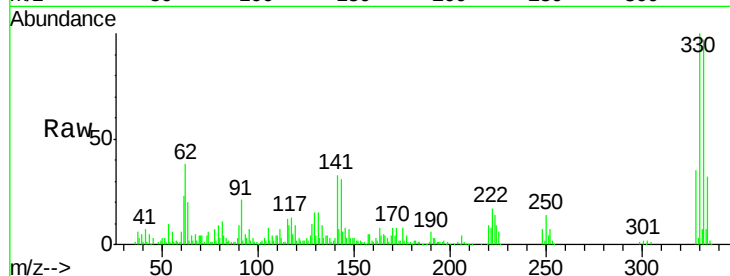




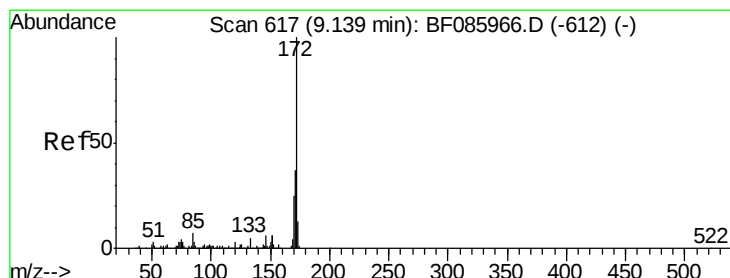
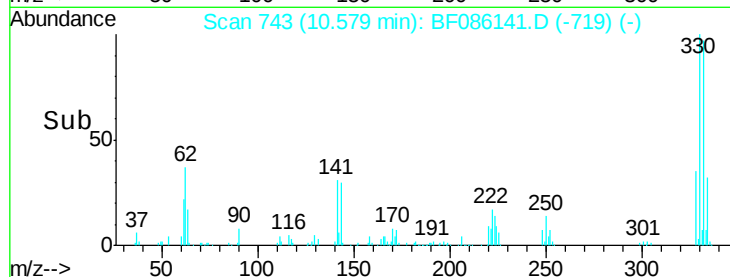
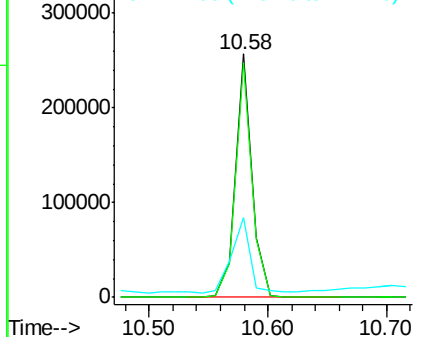
#41
 2,4,6-Tribromophenol
 Concen: 129.01 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 RW-1-040116

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	34.0	31.5	47.3

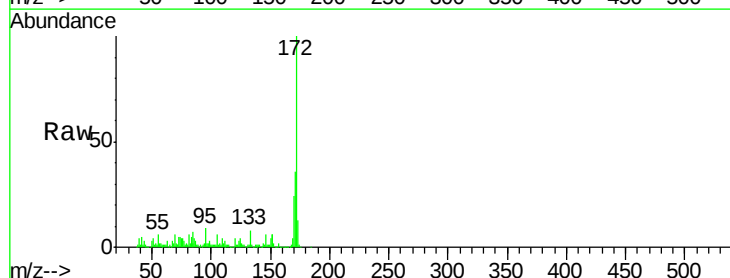


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

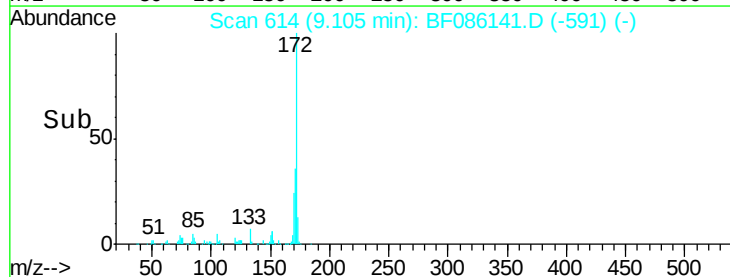
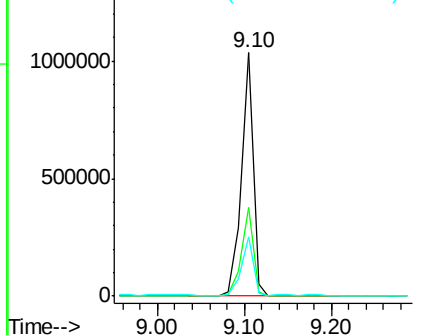


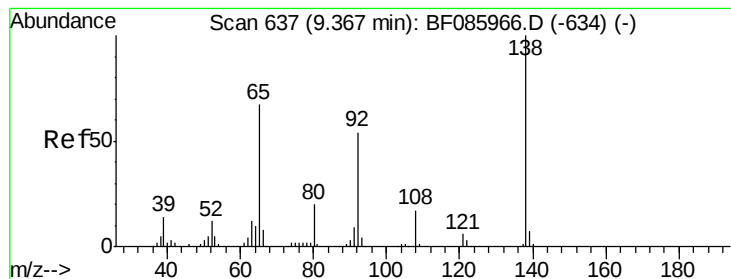
#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086141.D
 Acq: 7 Apr 2016 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.3	19.8	29.6



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





#47

2-Nitroaniline

Concen: 11.39 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

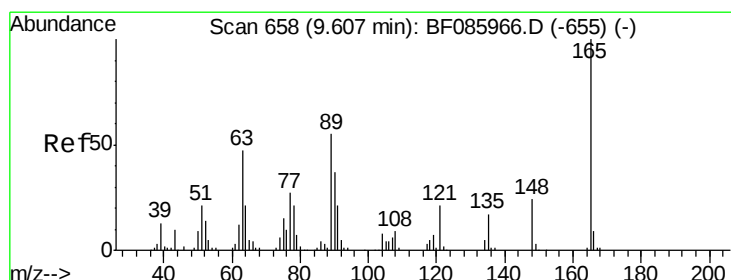
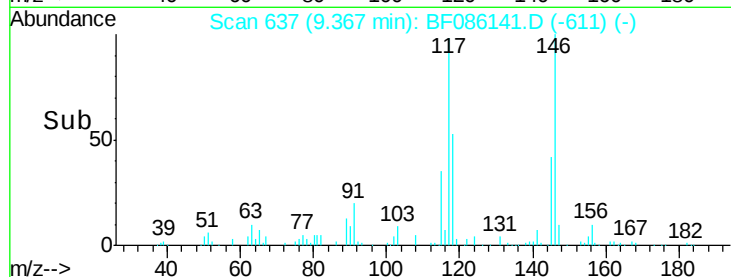
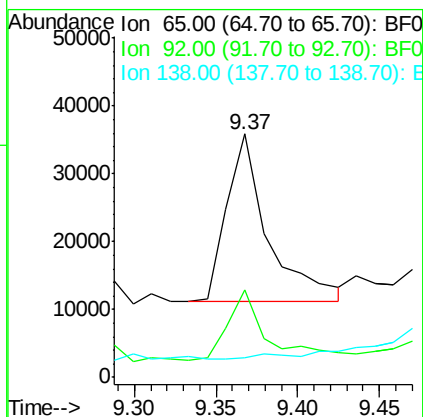
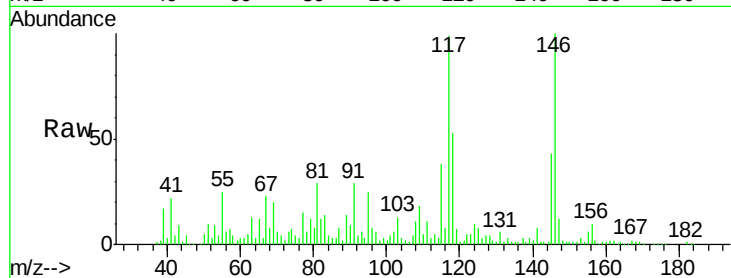
Tgt Ion: 65 Resp: 42881

Ion Ratio Lower Upper

65 100

92 35.9 59.7 89.5#

138 8.2 91.4 137.0#



#50

2,6-Dinitrotoluene

Concen: 6.23 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

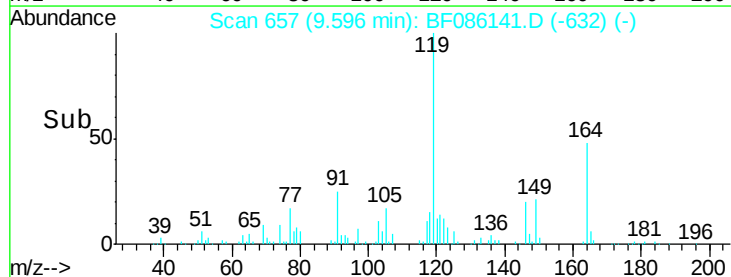
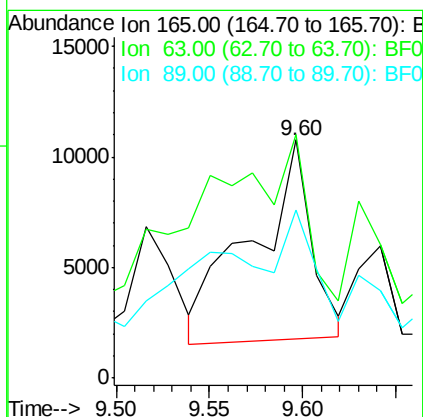
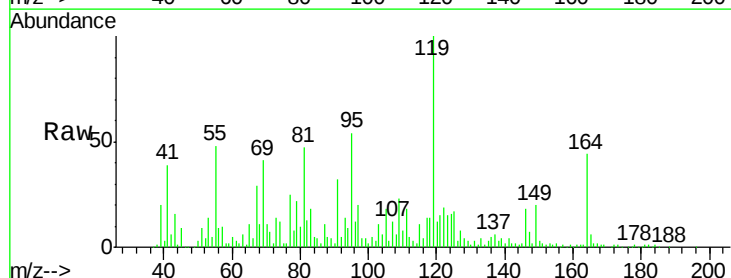
Tgt Ion: 165 Resp: 20115

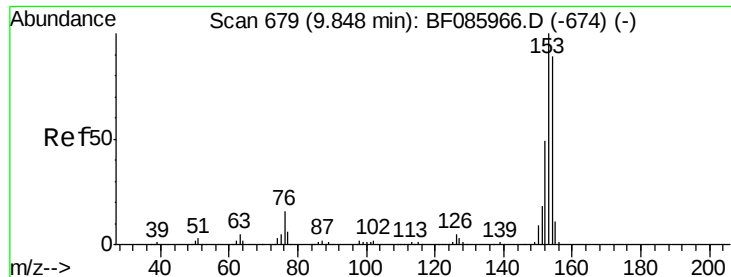
Ion Ratio Lower Upper

165 100

63 102.1 51.8 77.8#

89 70.4 53.7 80.5





#51

Acenaphthene

Concen: 2.87 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

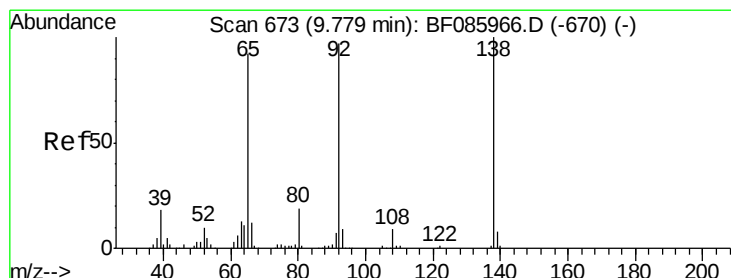
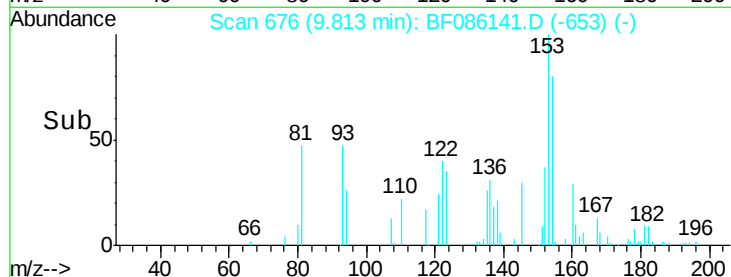
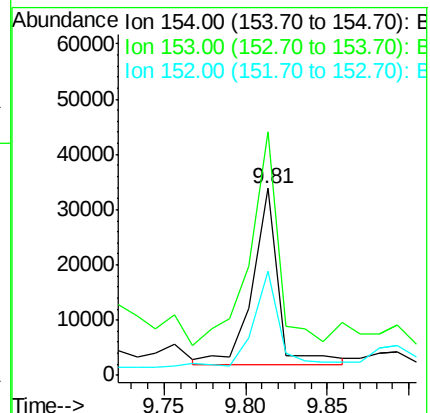
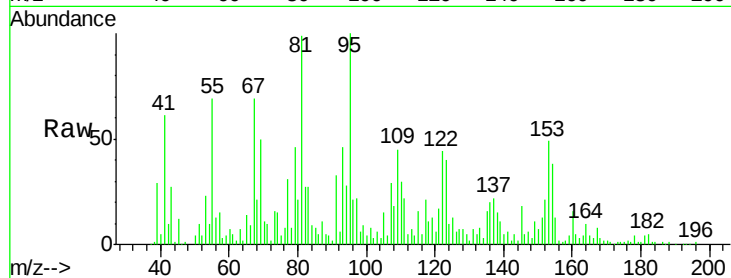
Tgt Ion:154 Resp: 35204

Ion Ratio Lower Upper

154 100

153 130.4 90.1 135.1

152 55.9 44.2 66.2



#52

3-Nitroaniline

Concen: 4.80 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

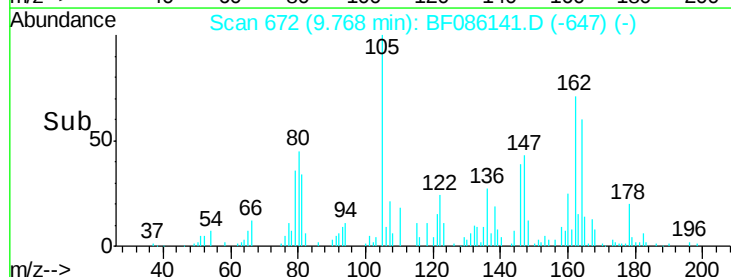
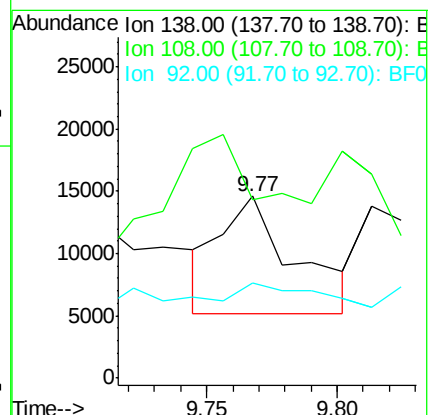
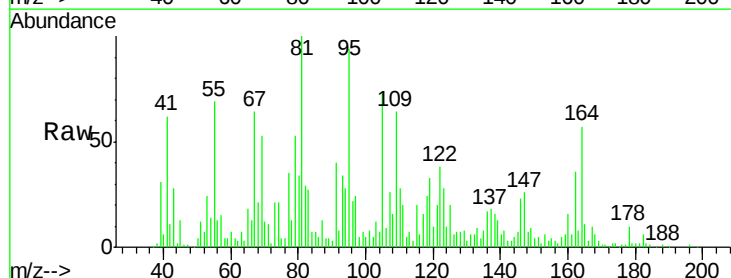
Tgt Ion:138 Resp: 18692

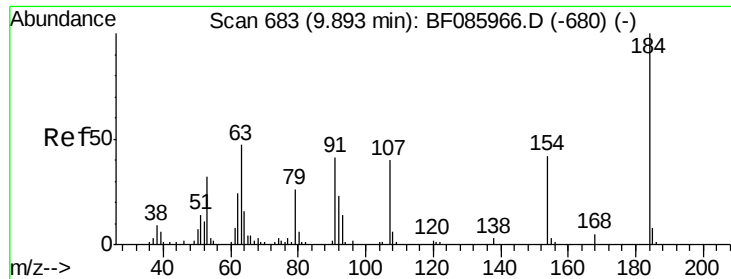
Ion Ratio Lower Upper

138 100

108 98.4 8.7 13.1#

92 52.5 93.3 139.9#

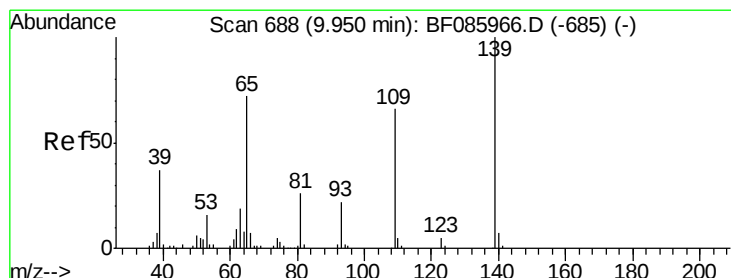
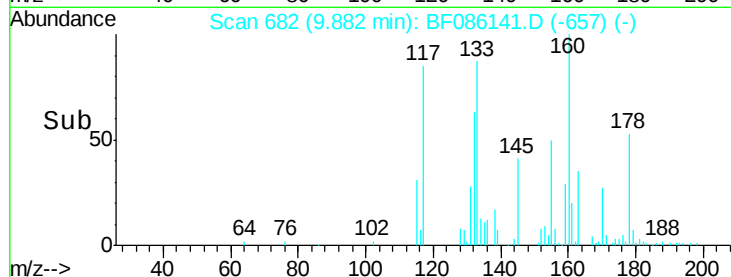
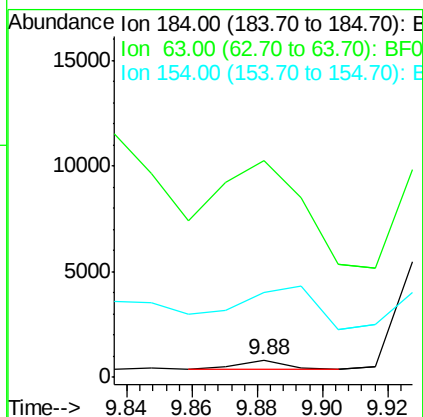
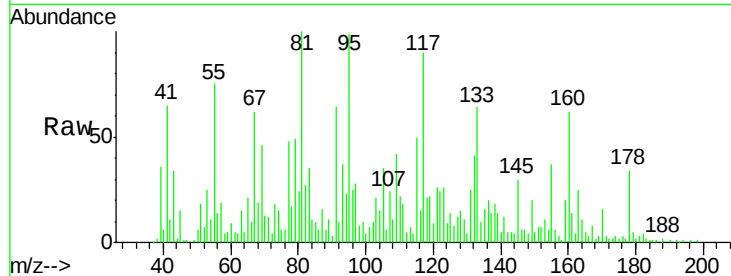




#53
2,4-Dinitrophenol
Concen: 2.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

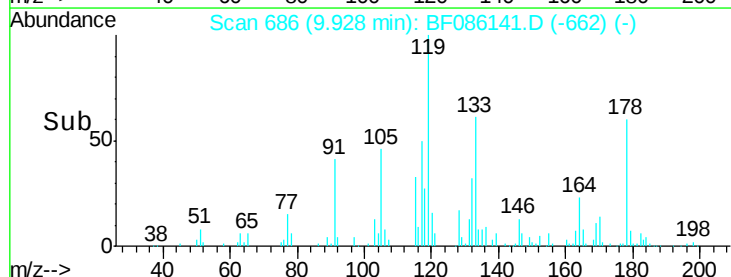
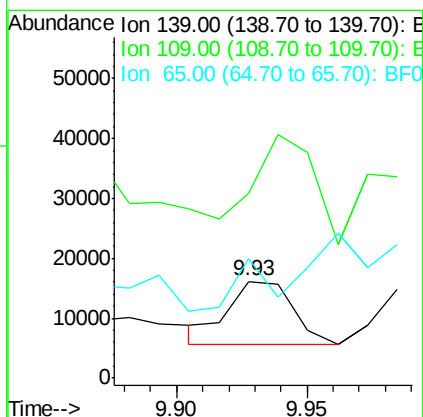
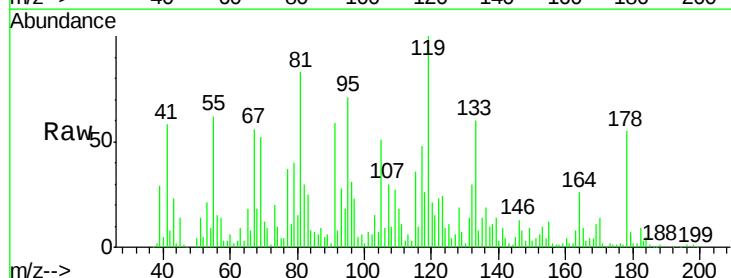
Instrument :
BNA_F
ClientSampleId :
RW-1-040116

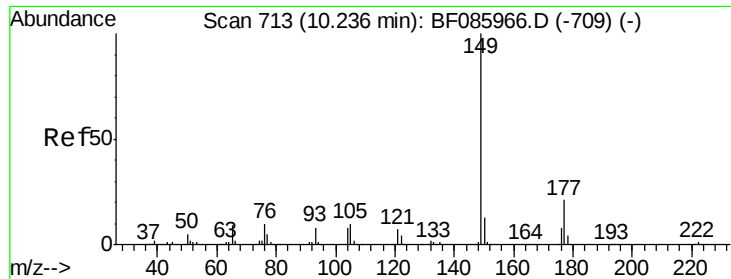
Tgt Ion:184 Resp: 434
Ion Ratio Lower Upper
184 100
63 1260.9 69.5 104.3#
154 497.5 58.3 87.5#



#55
4-Nitrophenol
Concen: 8.03 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion:139 Resp: 18430
Ion Ratio Lower Upper
139 100
109 190.5 49.2 89.2#
65 122.8 66.9 106.9#

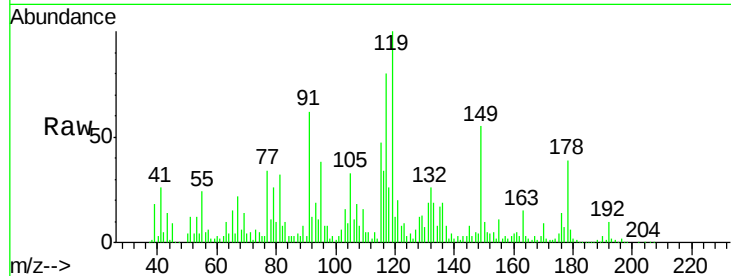




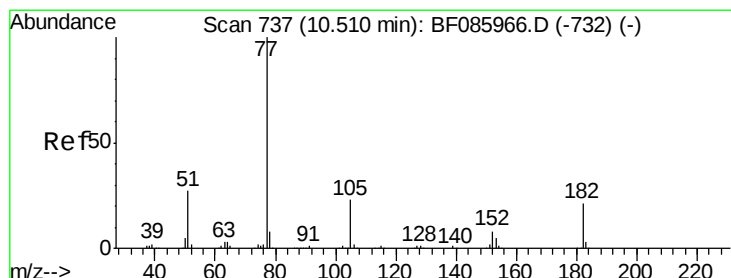
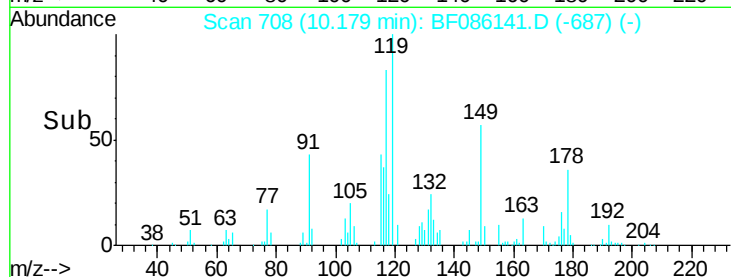
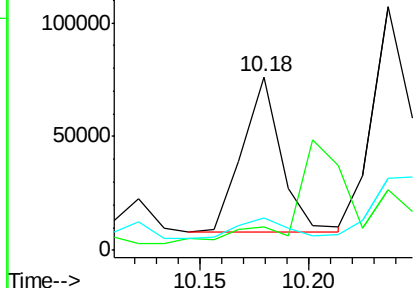
#59
Diethylphthalate
Concen: 5.53 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.06 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Instrument :
BNA_F
ClientSampleId :
RW-1-040116

Tgt Ion: 149 Resp: 85150
Ion Ratio Lower Upper
149 100
177 13.7 17.9 26.9#
150 18.8 10.2 15.2#

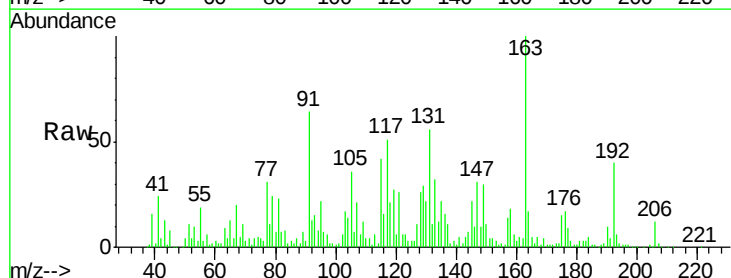


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

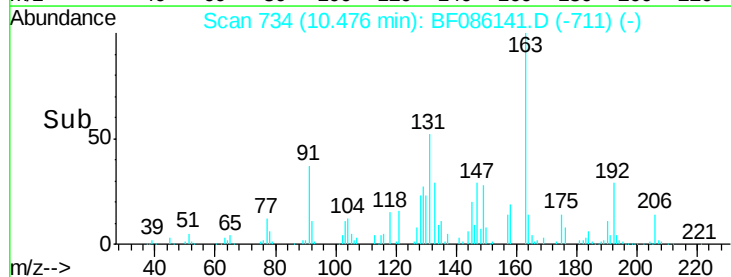
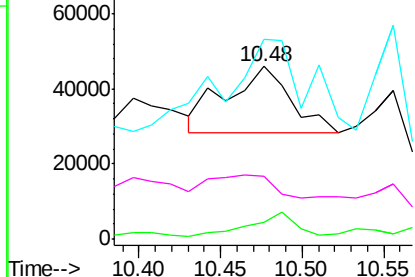


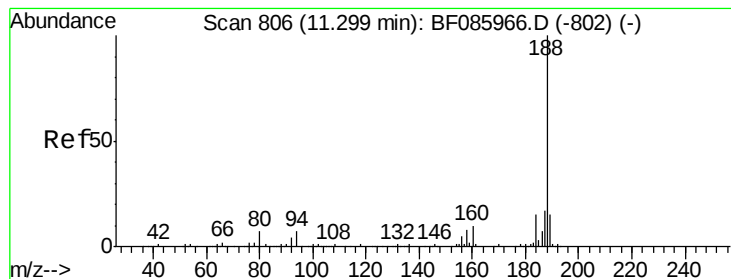
#62
Azobenzene
Concen: 3.27 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF086141.D
Acq: 7 Apr 2016 20:33

Tgt Ion: 77 Resp: 48277
Ion Ratio Lower Upper
77 100
182 9.8 1.9 41.9
105 115.9 3.5 43.5#
51 36.7 6.3 46.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

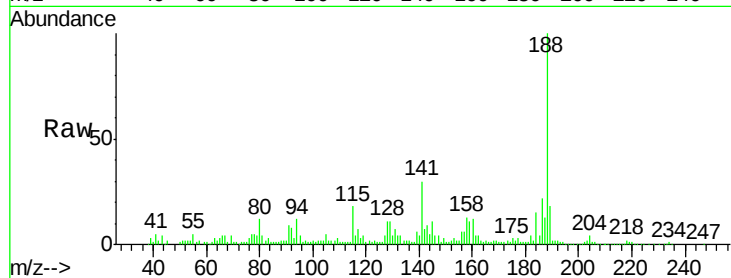
Tgt Ion:188 Resp: 294649

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

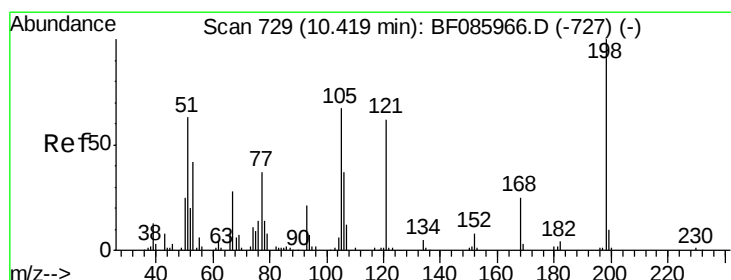
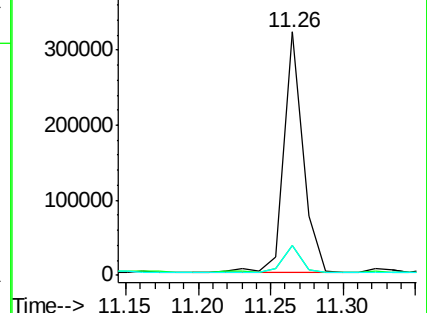
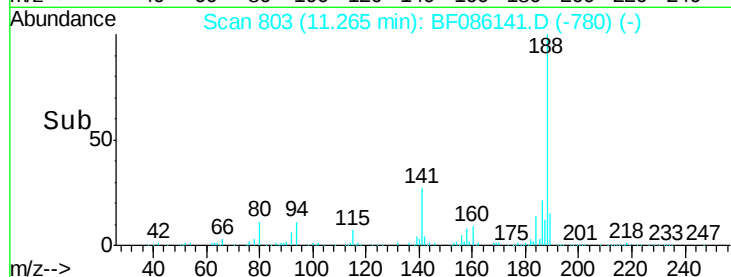
80 12.4 5.5 8.3#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.09 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

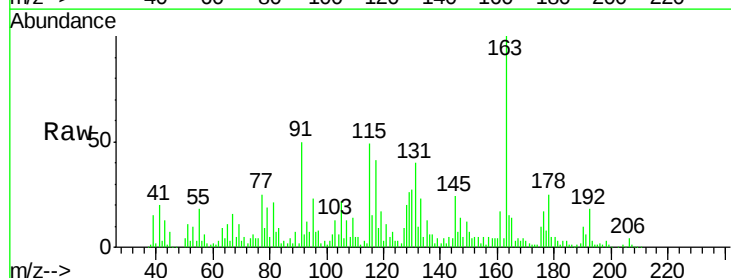
Tgt Ion:198 Resp: 3736

Ion Ratio Lower Upper

198 100

51 400.4 45.4 85.4#

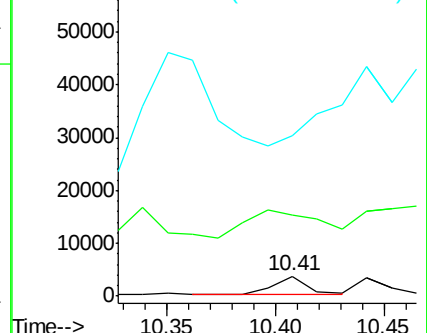
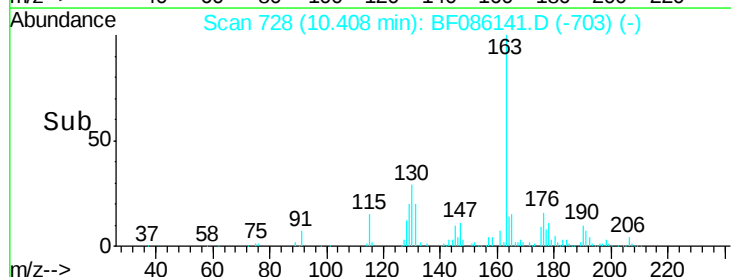
105 797.1 45.9 85.9#

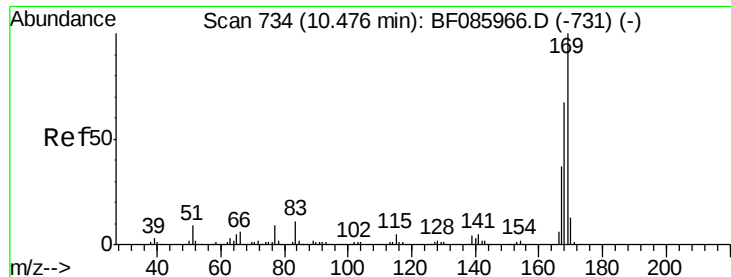


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.27 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.08 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

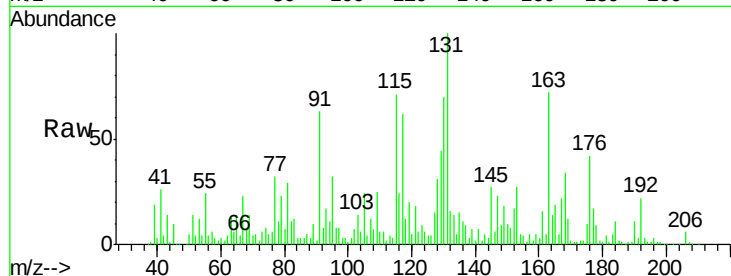
Tgt Ion:169 Resp: 30113

Ion Ratio Lower Upper

169 100

168 292.8 54.4 81.6#

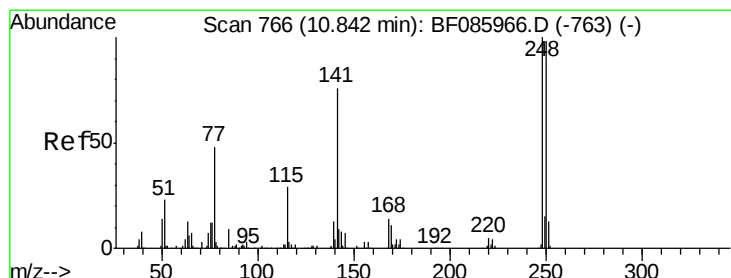
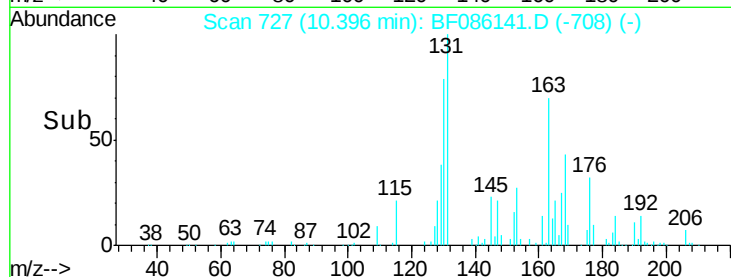
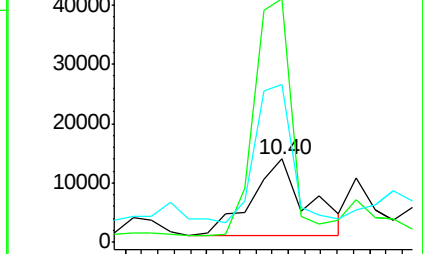
167 189.3 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.32 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.26 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

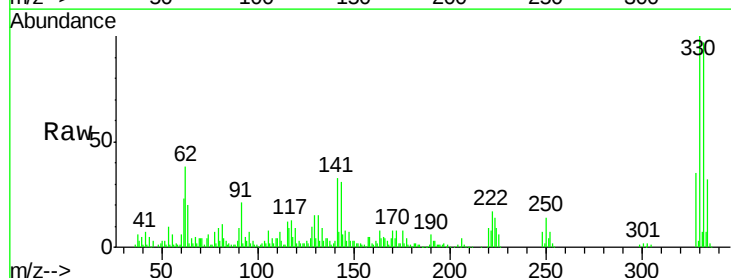
Tgt Ion:248 Resp: 15997

Ion Ratio Lower Upper

248 100

250 198.5 77.4 116.0#

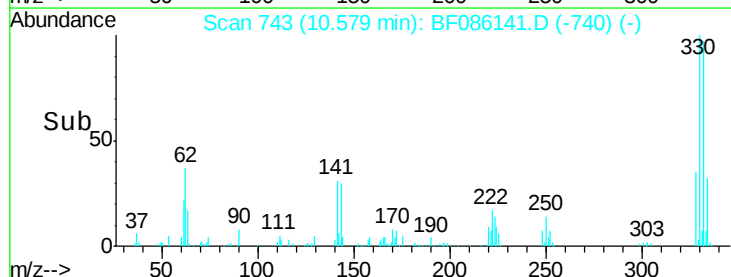
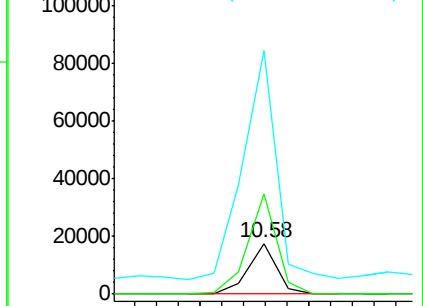
141 479.9 63.6 95.4#

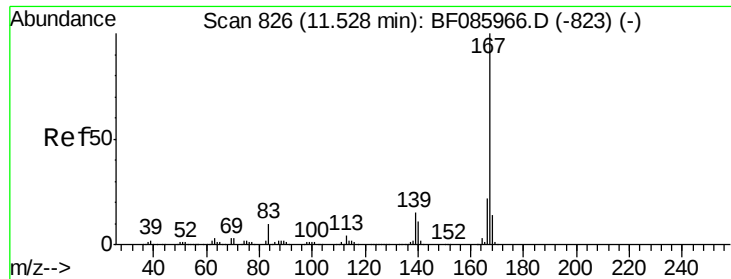


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#72

Carbazole

Concen: 3.12 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

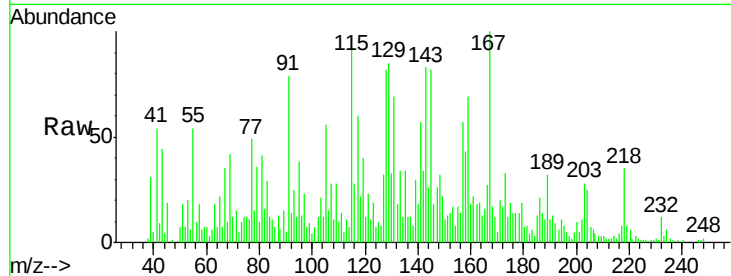
Tgt Ion:167 Resp: 45171

Ion Ratio Lower Upper

167 100

166 27.2 17.8 26.8#

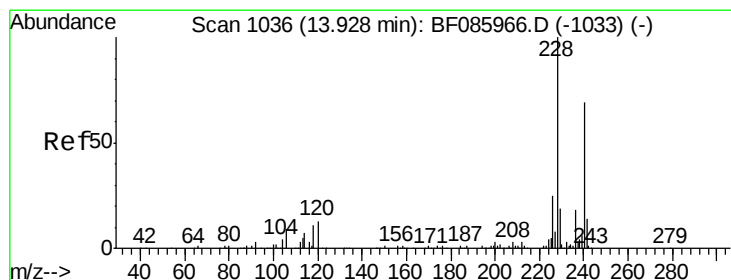
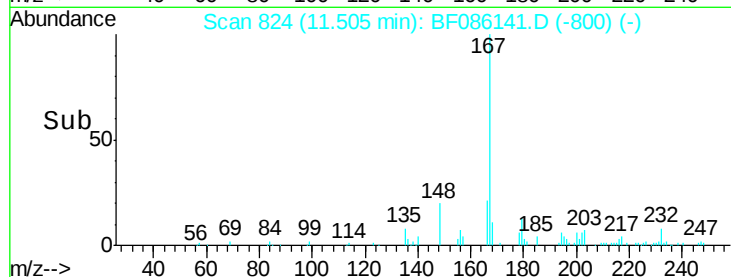
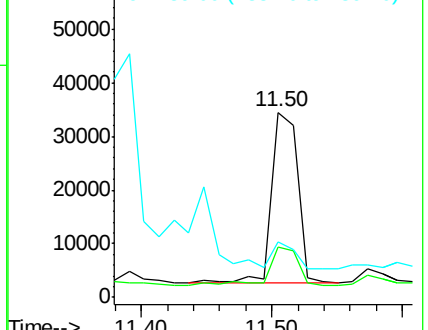
139 30.1 11.6 17.4#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

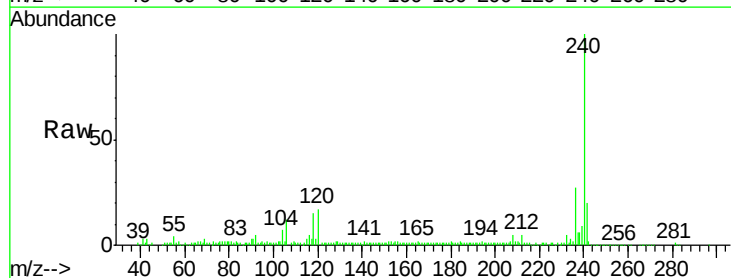
Tgt Ion:240 Resp: 199206

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

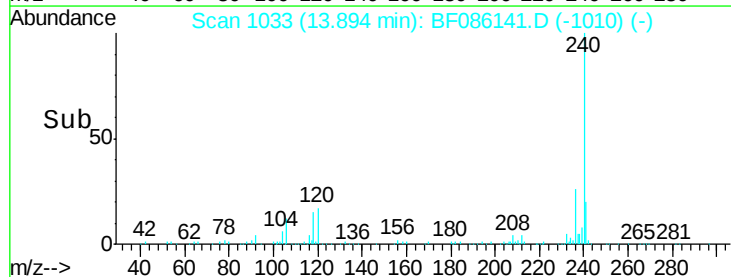
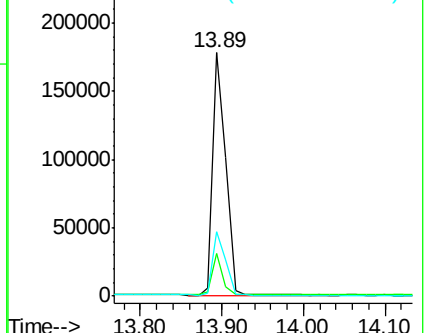
236 26.6 20.6 30.8

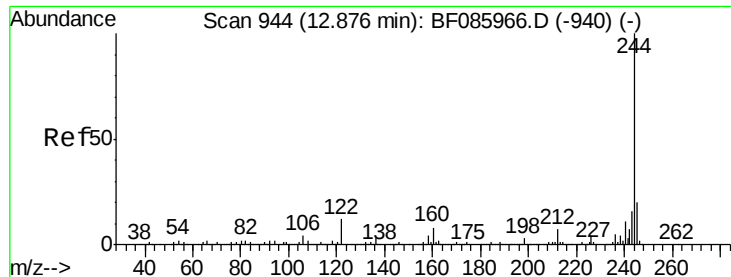


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.77 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

Instrument :

BNA_F

ClientSampleId :

RW-1-040116

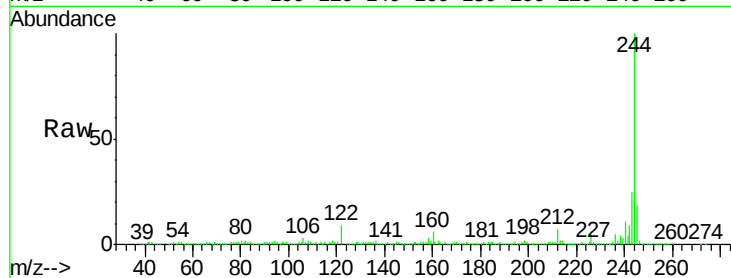
Tgt Ion:244 Resp: 964105

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

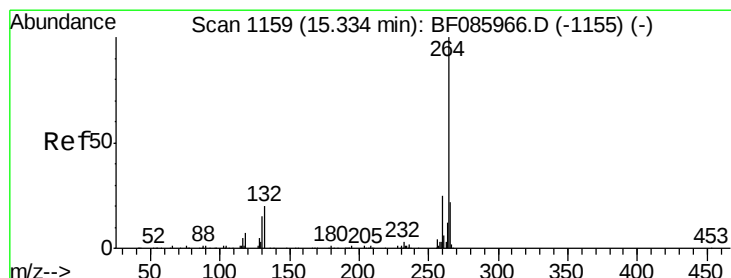
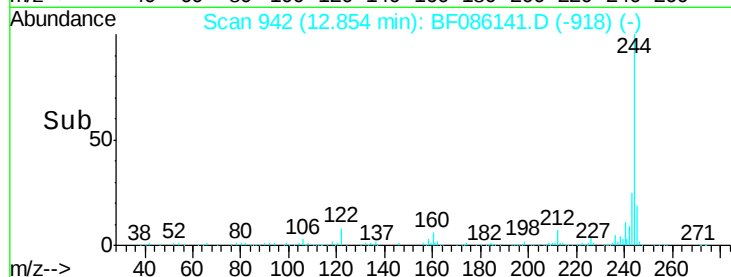
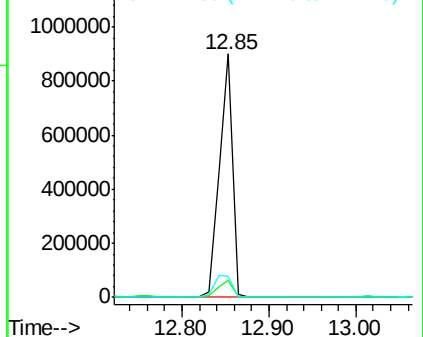
122 8.6 10.2 15.4#



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: 15.30 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF086141.D

Acq: 7 Apr 2016 20:33

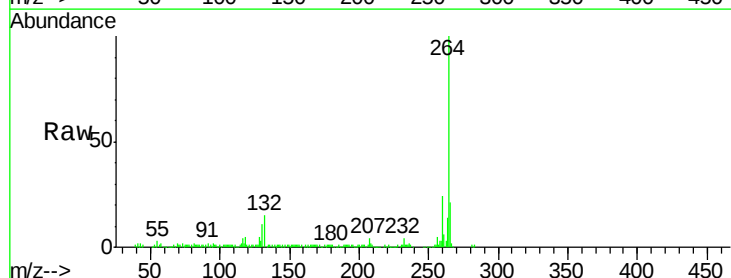
Tgt Ion:264 Resp: 181940

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.8 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

