

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032816\
 Data File : BF085850.D
 Acq On : 29 Mar 2016 14:04
 Operator : UM/SJ
 Sample : H1834-03DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5DL

Quant Time: Mar 29 14:35:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	38668	20.00	ng	0.15
21) Naphthalene-d8	8.10	136	254491	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	170203	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	284479	20.00	ng	0.00
75) Chrysene-d12	13.98	240	226843	20.00	ng	0.00
86) Perylene-d12	15.39	264	233309	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	78068	33.62	ng	0.00
7) Phenol-d6	6.45	99	107738	36.50	ng	-0.01
23) Nitrobenzene-d5	7.38	82	99979	22.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	13443	8.31	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	104306	10.24	ng	0.00
78) Terphenyl-d14	12.93	244	72079	6.53	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	30273	17.02	ng	# 1
15) Benzyl Alcohol	7.14	79	42148	21.40	ng	# 1
18) Hexachloroethane	7.48	117	44505	41.26	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	172904	97.82	ng	# 51
22) Acetophenone	7.21	105	309208	52.15	ng	# 46
24) Nitrobenzene	7.36	77	80592	17.30	ng	# 27
25) Isophorone	7.64	82	43936	5.05	ng	# 1
26) 2-Nitrophenol	7.74	139	6110	2.62	ng	# 1
28) bis(2-Chloroethoxy)methane	7.88	93	24389	4.92	ng	# 1
29) 2,4-Dichlorophenol	7.94	162	11063	3.23	ng	# 27
31) Naphthalene	8.13	128	253685	19.78	ng	# 55
32) Benzoic acid	7.90	122	5789	2.14	ng	# 11
33) 4-Chloroaniline	8.10	127	103802	19.83	ng	# 27
35) Caprolactam	8.54	113	72049	59.39	ng	# 2
36) 4-Chloro-3-methylphenol	8.63	107	13506	3.38	ng	# 1
37) 2-Methylnaphthalene	8.84	142	1620900	Below Cal		96
45) 1,1'-Biphenyl	9.28	154	128828	8.97	ng	97
46) 2-Chloronaphthalene	9.36	162	24517	2.32	ng	# 60
47) 2-Nitroaniline	9.38	65	10742	3.33	ng	# 41
48) Acenaphthylene	9.73	152	65415	3.80	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	7054	2.54	ng	# 86
51) Acenaphthene	9.90	154	123359	11.74	ng	# 89
52) 3-Nitroaniline	9.85	138	6428	2.02	ng	# 57
53) 2,4-Dinitrophenol	9.94	184	544	6.40	ng	# 1
54) Dibenzofuran	10.07	168	74631	5.49	ng	# 1
55) 4-Nitrophenol	9.98	139	94705	45.69	ng	# 44
56) 2,4-Dinitrotoluene	10.08	165	50928	14.42	ng	# 71
57) Fluorene	10.41	166	194391	17.19	ng	# 82
62) Azobenzene	10.56	77	25858	2.11	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	386733	42.92	ng	# 55
68) Atrazine	11.08	200	8728	2.87	ng	# 12
70) Phenanthrene	11.38	178	742409	50.83	ng	96
71) Anthracene	11.38	178	742409	48.41	ng	97
77) Pyrene	12.79	202	92475	4.96	ng	# 92

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QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

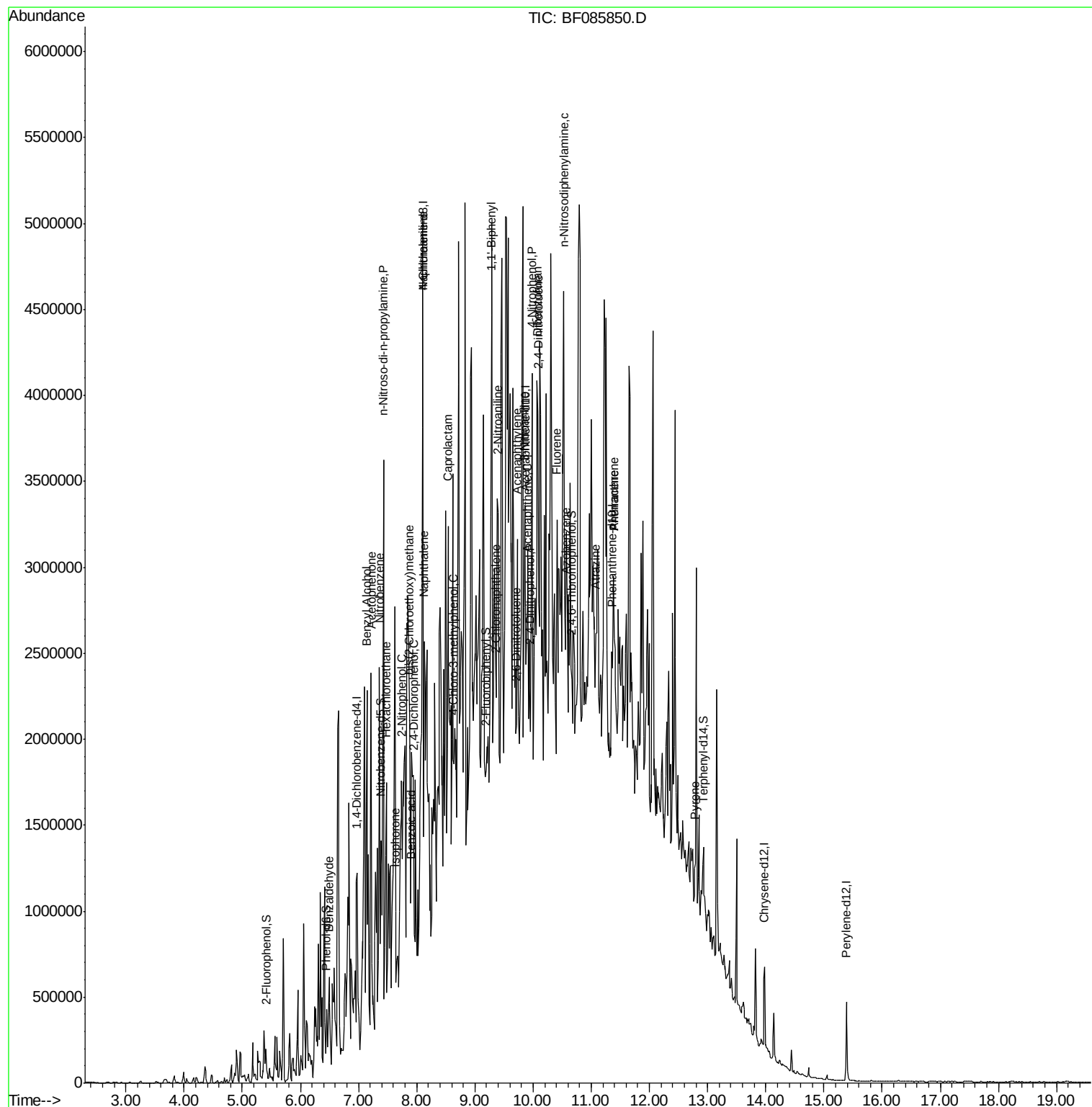
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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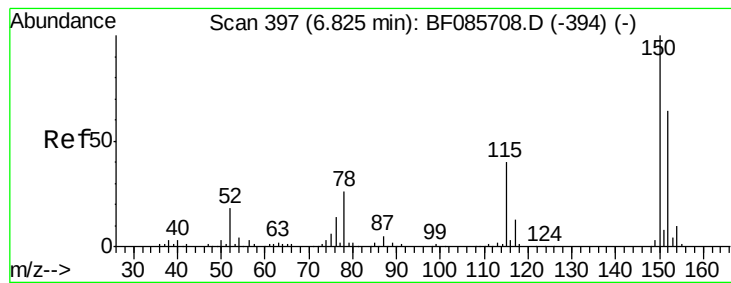
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.15 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampled :

5DL

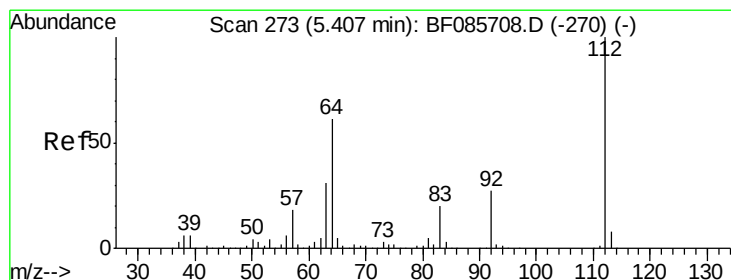
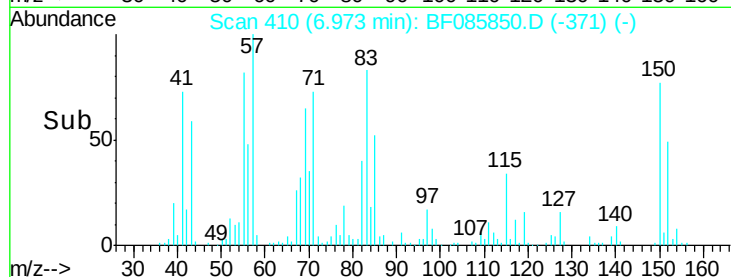
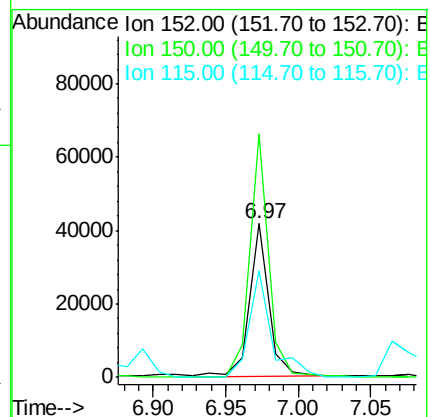
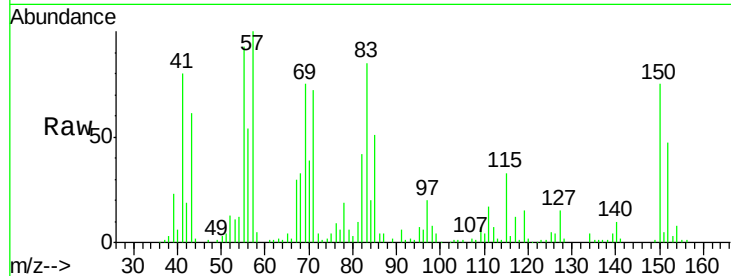
Tgt Ion:152 Resp: 38668

Ion Ratio Lower Upper

152 100

150 158.2 124.2 186.2

115 69.3 47.0 70.6



#5

2-Fluorophenol

Concen: 33.62 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

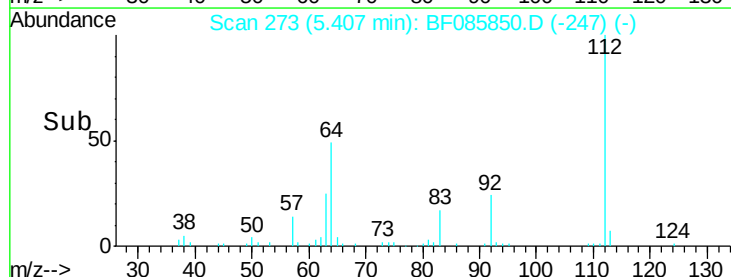
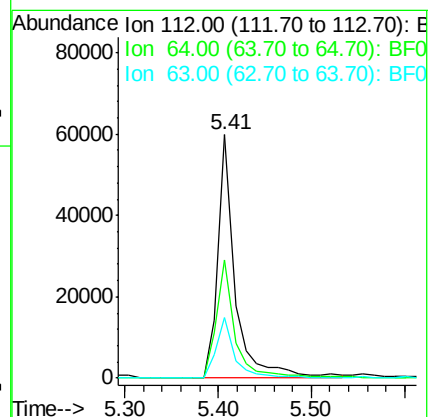
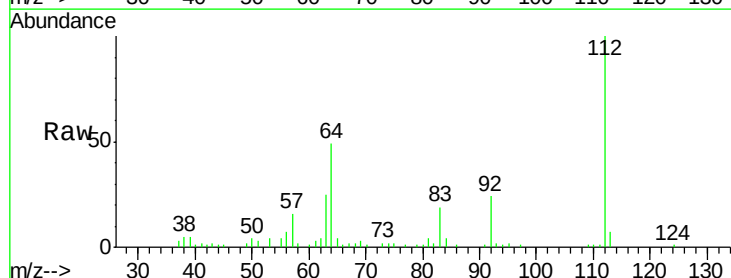
Tgt Ion:112 Resp: 78068

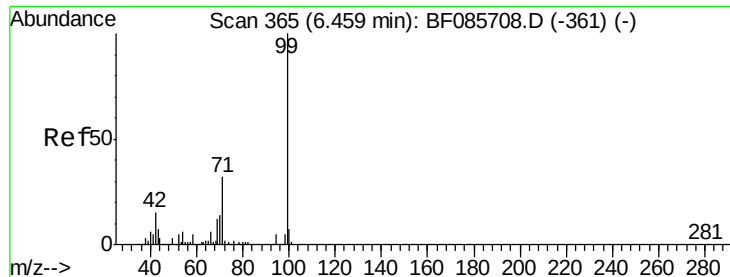
Ion Ratio Lower Upper

112 100

64 48.7 39.9 59.9

63 24.9 20.2 30.2





#7

Phenol-d6

Concen: 36.50 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

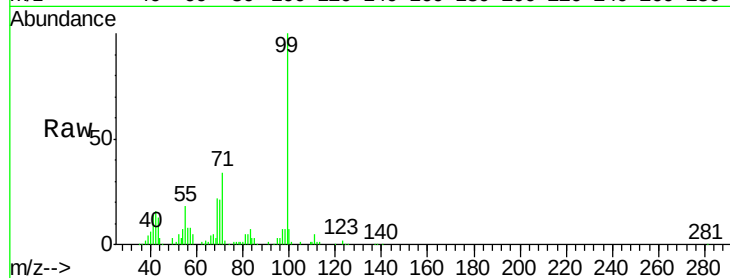
Tgt Ion: 99 Resp: 107738

Ion Ratio Lower Upper

99 100

42 16.2 11.1 16.7

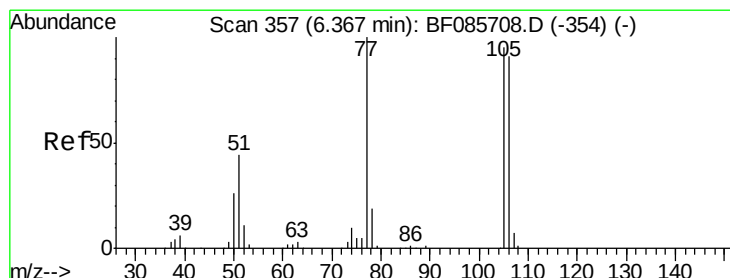
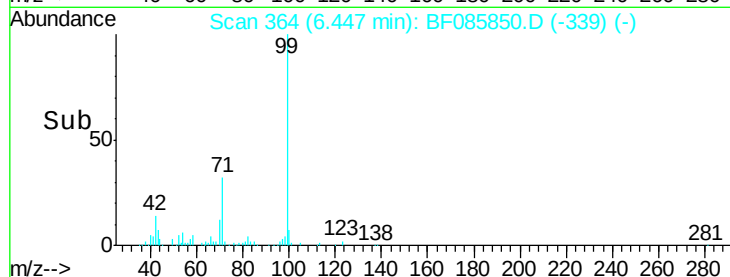
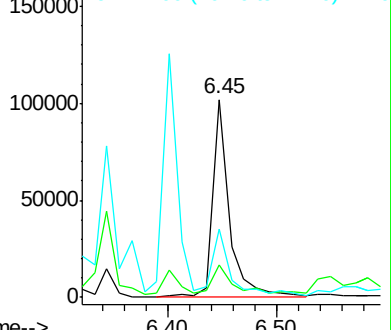
71 34.3 24.9 37.3



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: 17.02 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.13 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

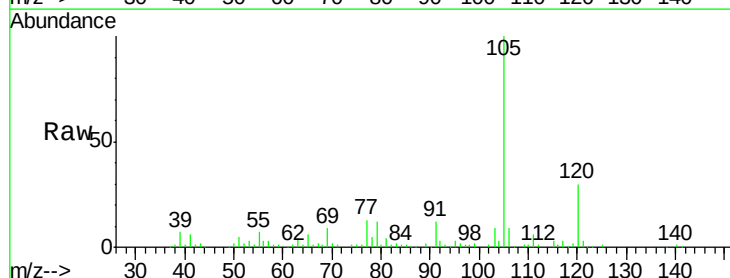
Tgt Ion: 77 Resp: 30273

Ion Ratio Lower Upper

77 100

105 747.4 80.1 120.1#

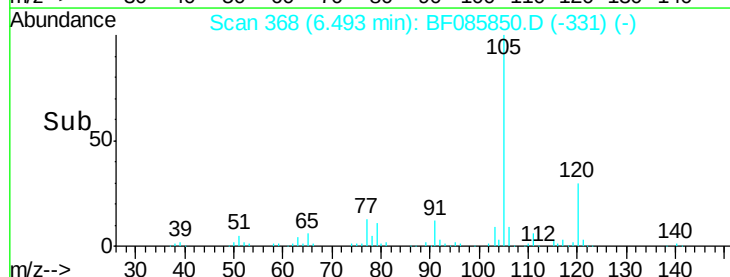
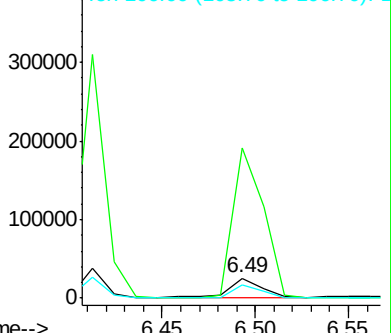
106 67.6 75.0 115.0#

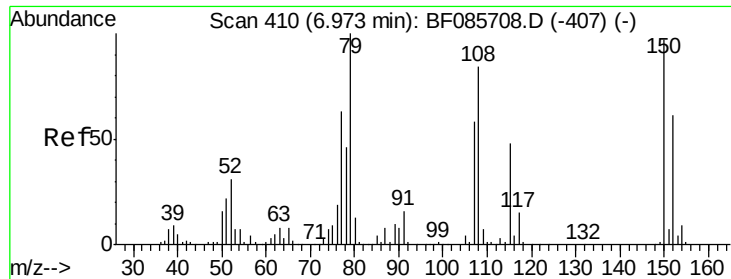


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 21.40 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.17 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampled :

5DL

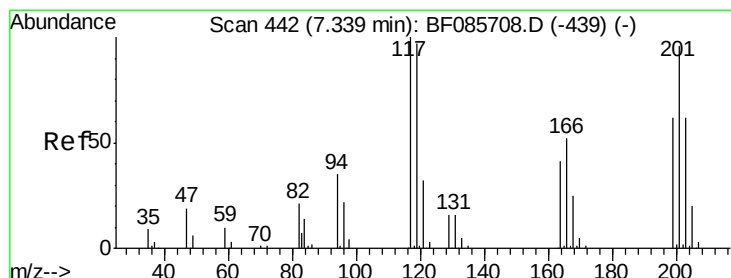
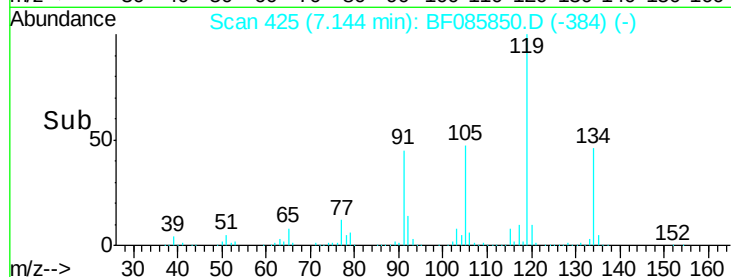
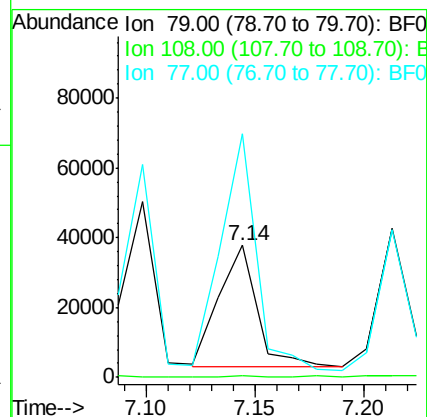
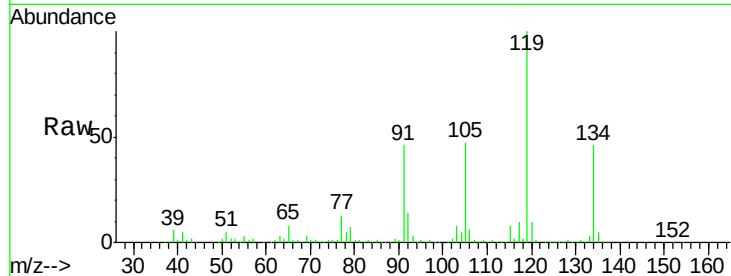
Tgt Ion: 79 Resp: 42148

Ion Ratio Lower Upper

79 100

108 1.2 61.8 92.6#

77 184.9 49.6 74.4#



#18

Hexachloroethane

Concen: 41.26 ng

RT: 7.48 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

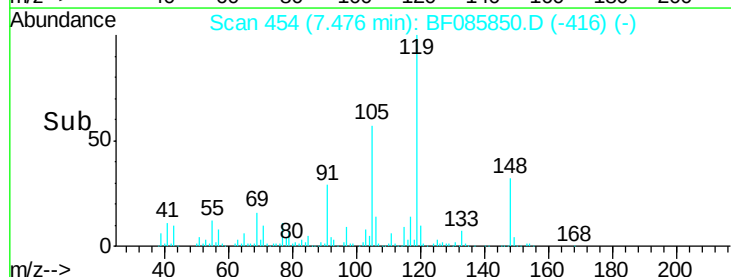
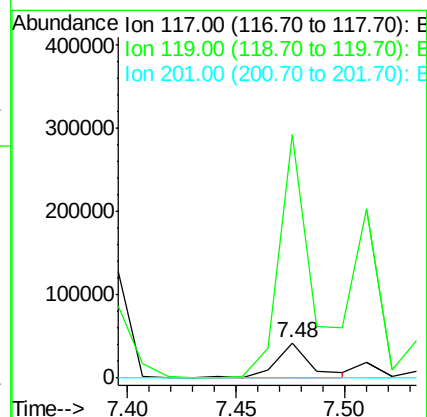
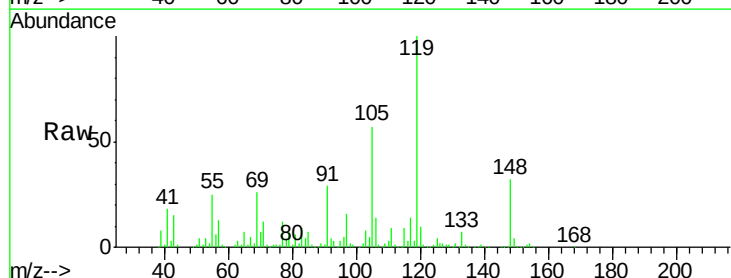
Tgt Ion: 117 Resp: 44505

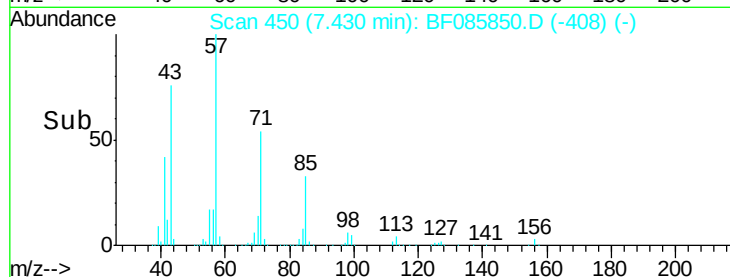
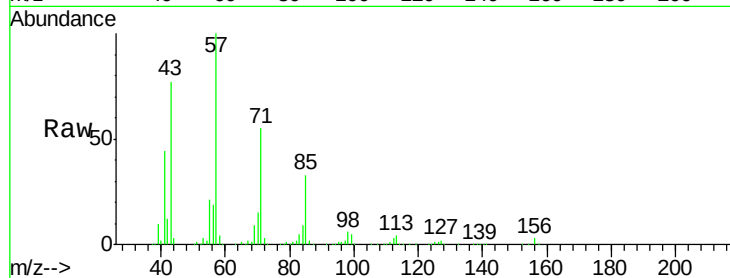
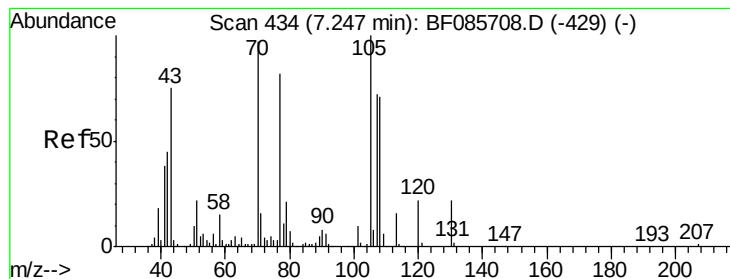
Ion Ratio Lower Upper

117 100

119 692.8 76.7 115.1#

201 0.0 83.3 124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 97.82 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.18 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

Tgt Ion: 70 Resp: 172904

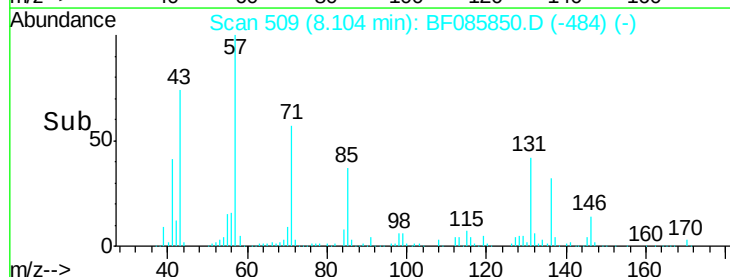
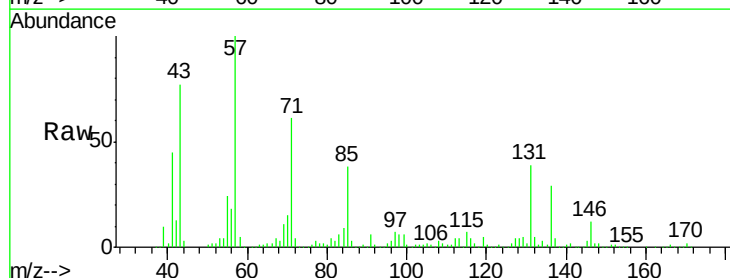
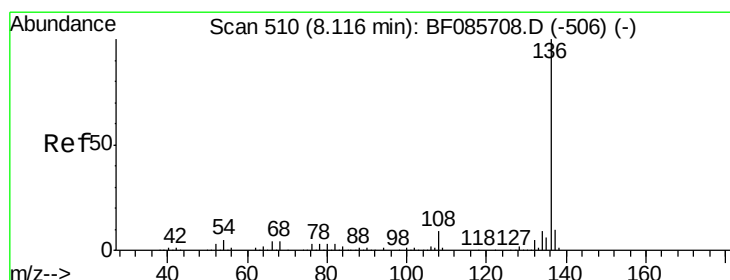
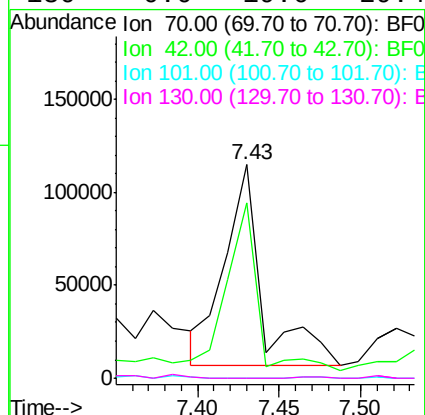
Ion Ratio Lower Upper

70 100

42 81.8 37.1 55.7#

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Tgt Ion: 136 Resp: 254491

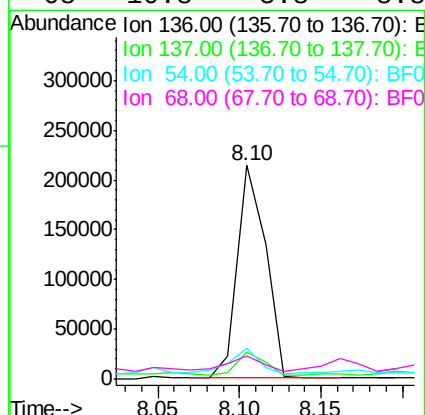
Ion Ratio Lower Upper

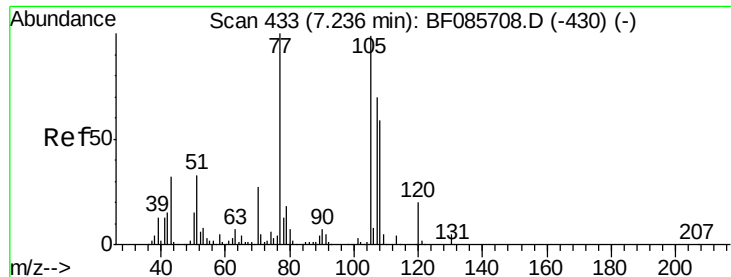
136 100

137 12.7 9.1 13.7

54 14.3 7.4 11.0#

68 10.8 5.8 8.8#





#22

Acetophenone

Concen: 52.15 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampled :

5DL

Tgt Ion:105 Resp: 309208

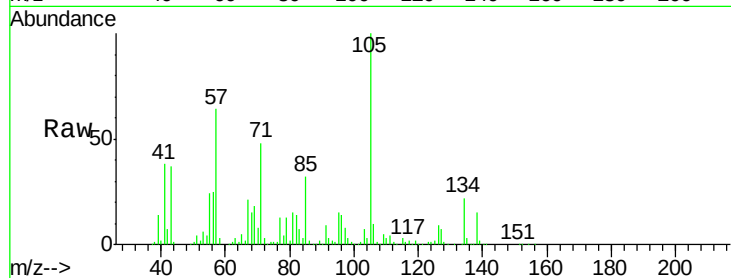
Ion Ratio Lower Upper

105 100

71 47.7 3.6 5.4#

51 4.2 25.4 38.0#

120 0.2 16.9 25.3#



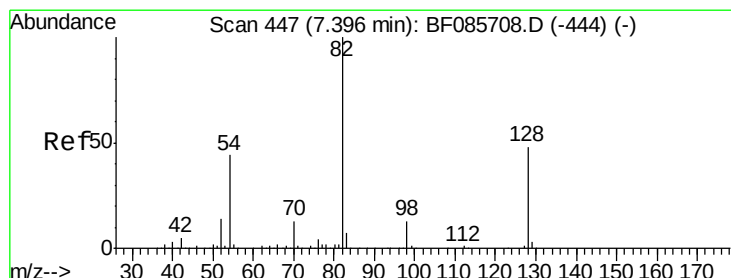
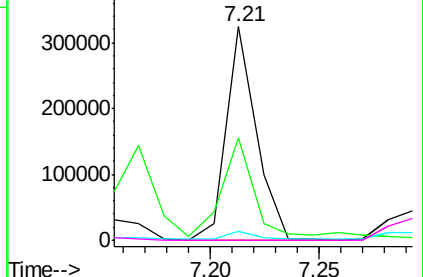
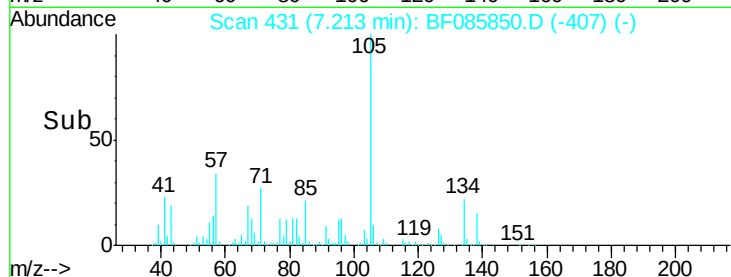
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 22.12 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

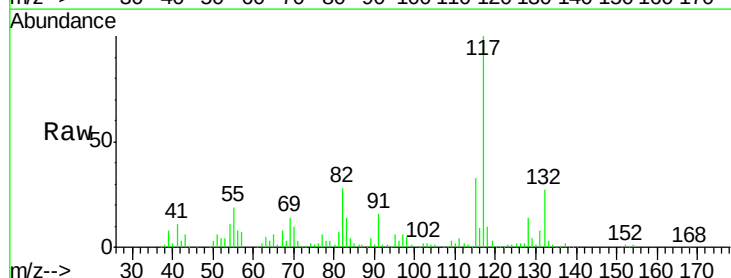
Tgt Ion: 82 Resp: 99979

Ion Ratio Lower Upper

82 100

128 49.3 41.8 62.8

54 38.3 33.4 50.0

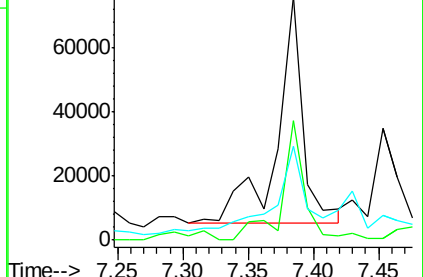
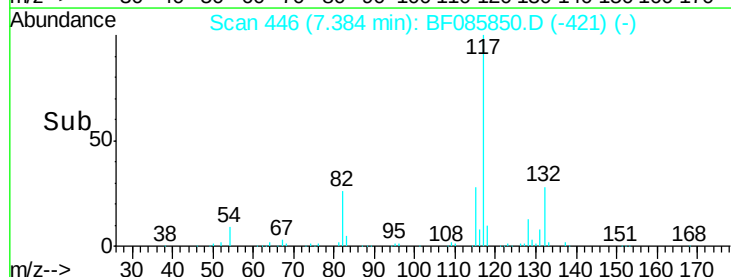


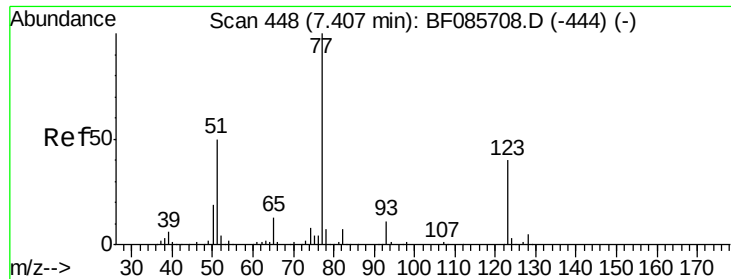
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

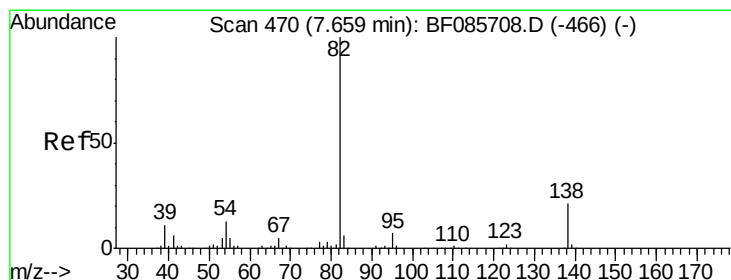
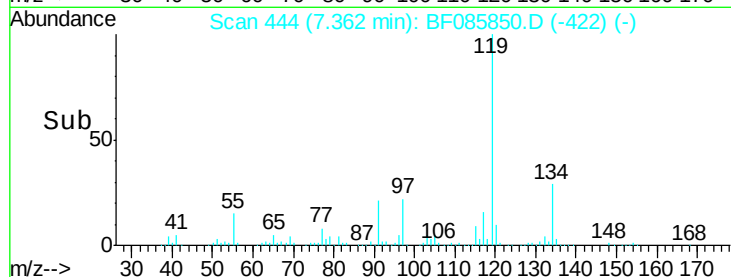
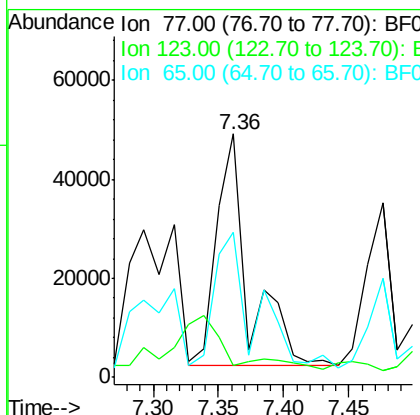
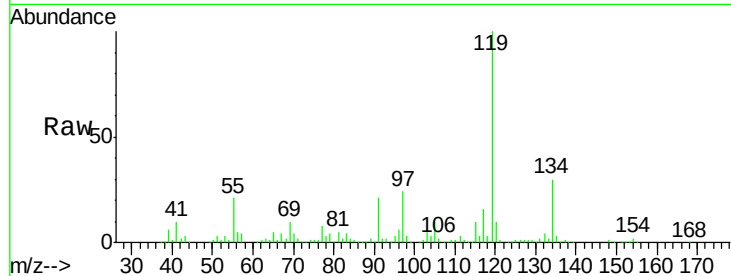




#24
 Nitrobenzene
 Concen: 17.30 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.05 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

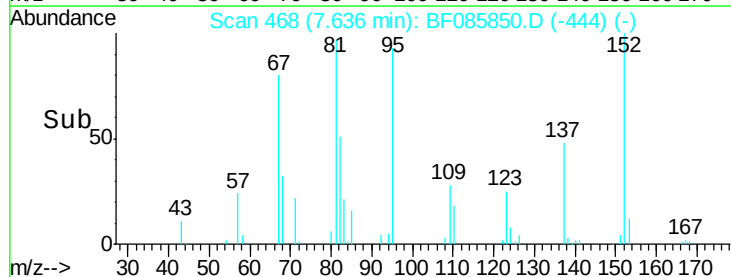
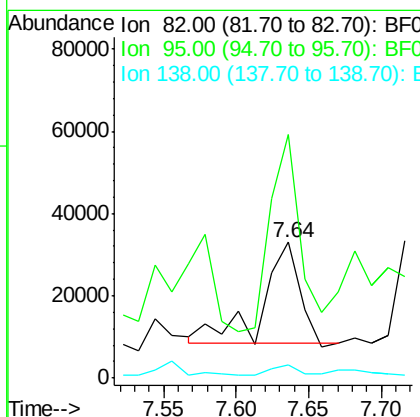
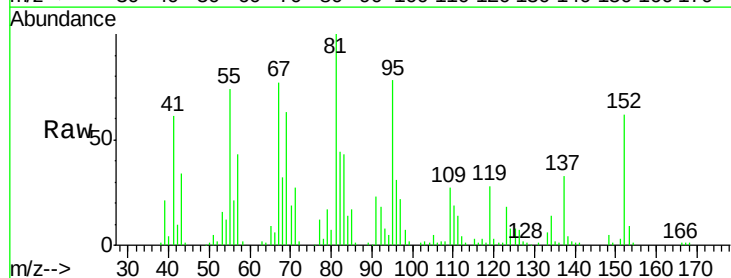
Instrument :
 BNA_F
 ClientSampled :
 5DL

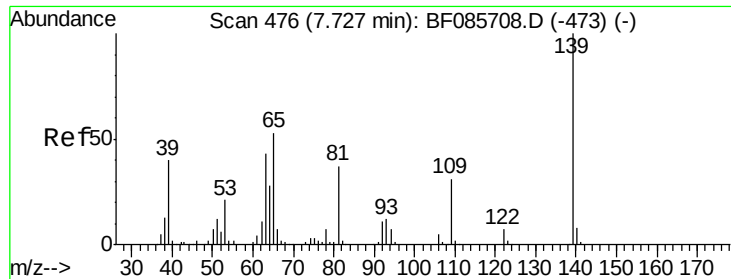
Tgt Ion	Ratio	Lower	Upper
77	100		
123	5.2	35.0	52.4#
65	59.5	10.6	16.0#



#25
 Isophorone
 Concen: 5.05 ng
 RT: 7.64 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	179.0	5.4	8.2#
138	9.8	12.9	19.3#

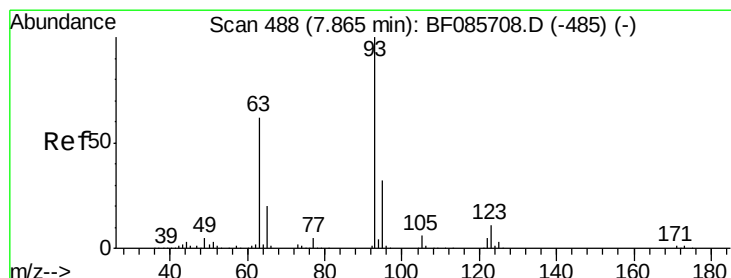
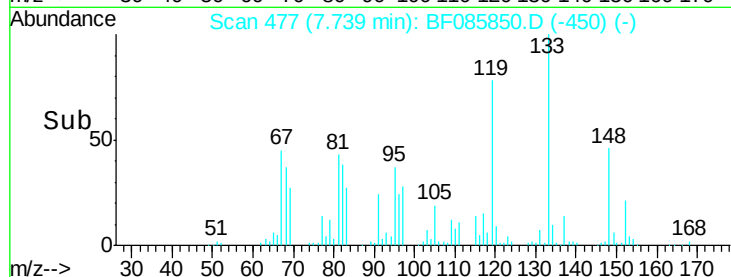
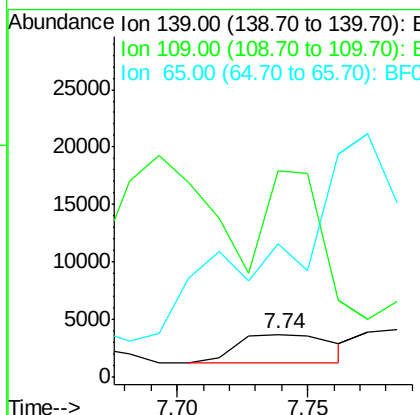
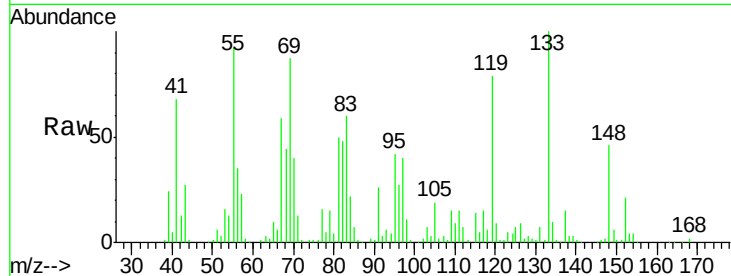




#26
 2-Nitrophenol
 Concen: 2.62 ng
 RT: 7.74 min Scan# 477
 Delta R.T. 0.01 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

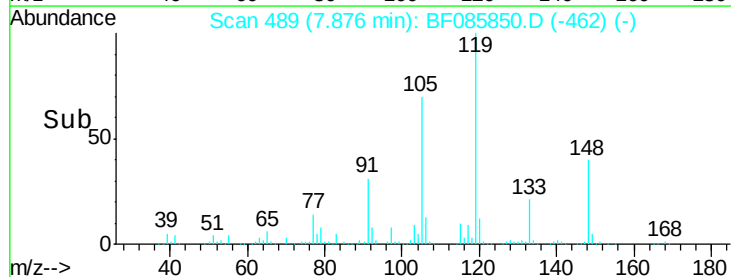
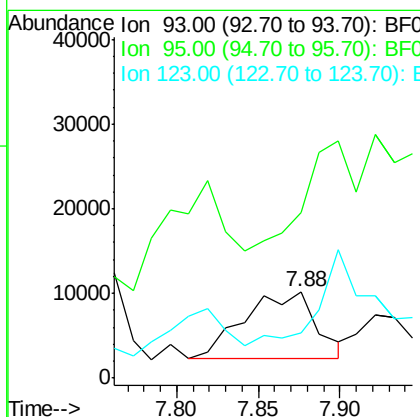
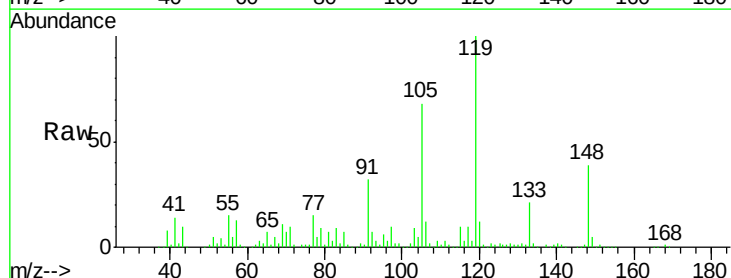
Instrument :
 BNA_F
 ClientSampled :
 5DL

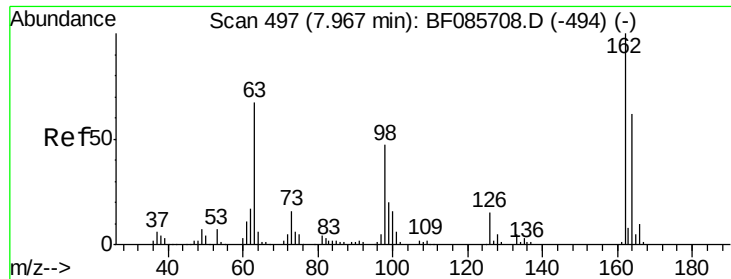
Tgt Ion: 139 Resp: 6110
 Ion Ratio Lower Upper
 139 100
 109 479.9 22.1 33.1#
 65 312.0 33.9 50.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.92 ng
 RT: 7.88 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

Tgt Ion: 93 Resp: 24389
 Ion Ratio Lower Upper
 93 100
 95 191.3 26.4 39.6#
 123 52.4 9.8 14.6#

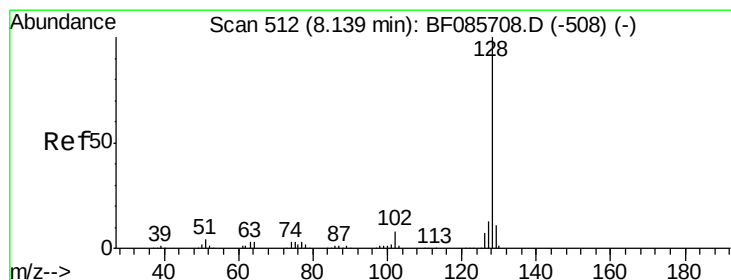
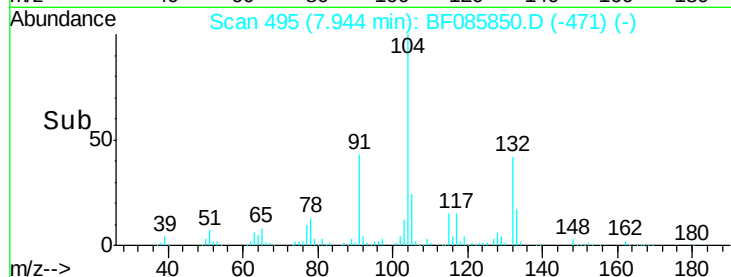
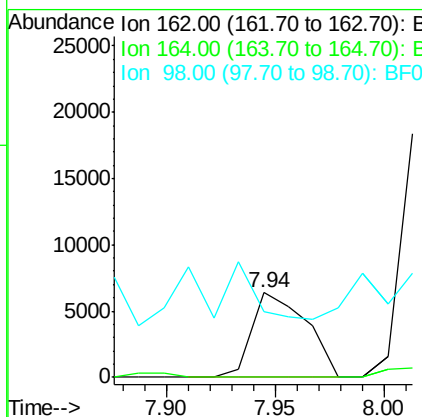
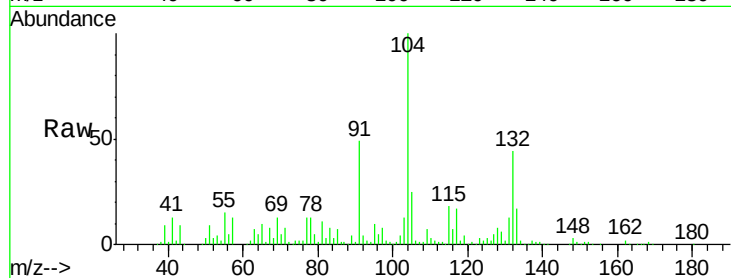




#29
2,4-Dichlorophenol
Concen: 3.23 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

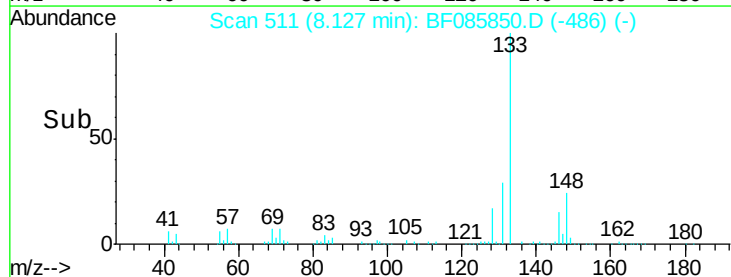
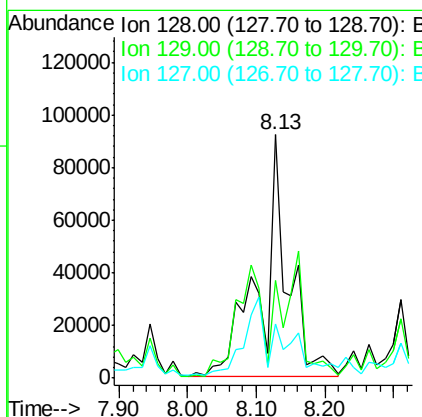
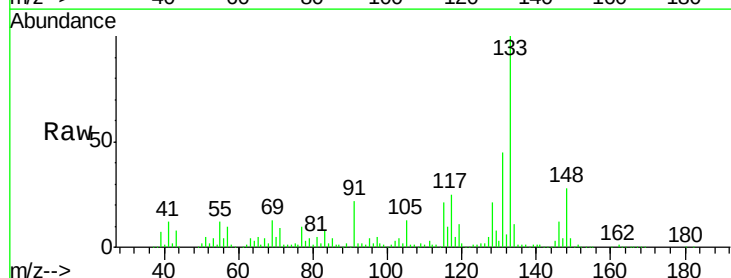
Instrument :
BNA_F
ClientSampled :
5DL

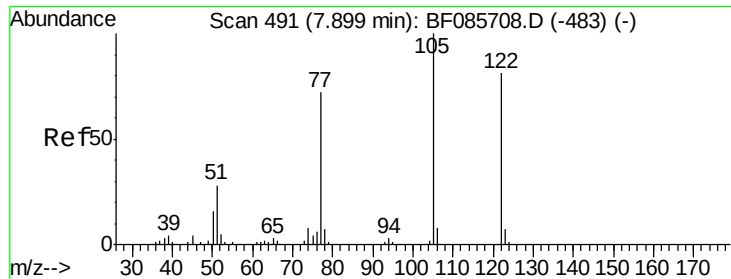
Tgt Ion:162 Resp: 11063
Ion Ratio Lower Upper
162 100
164 0.0 43.7 83.7#
98 77.7 20.4 60.4#



#31
Naphthalene
Concen: 19.78 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

Tgt Ion:128 Resp: 253685
Ion Ratio Lower Upper
128 100
129 40.3 9.4 14.0#
127 22.3 11.0 16.6#





#32

Benzoic acid

Concen: 2.14 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

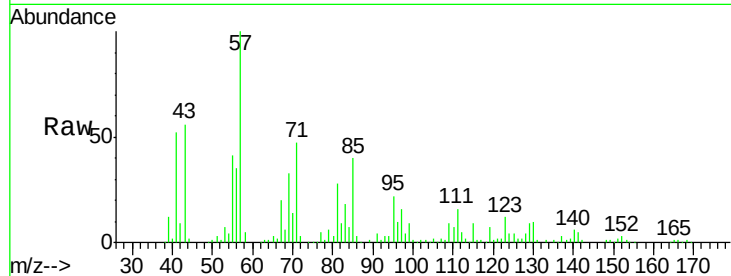
Tgt Ion:122 Resp: 5789

Ion Ratio Lower Upper

122 100

105 76.4 102.9 142.9#

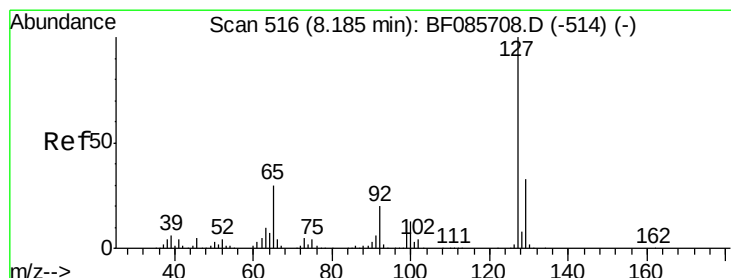
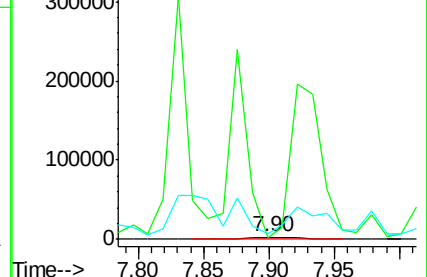
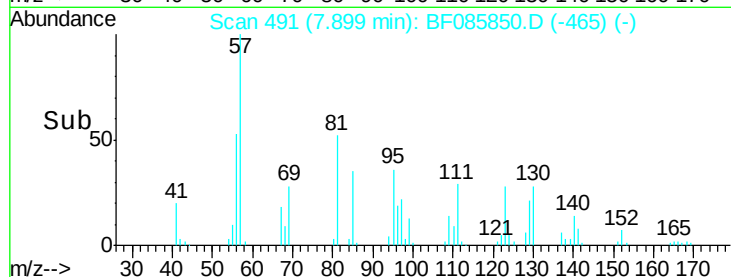
77 236.6 71.8 111.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 19.83 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.08 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Tgt Ion:127 Resp: 103802

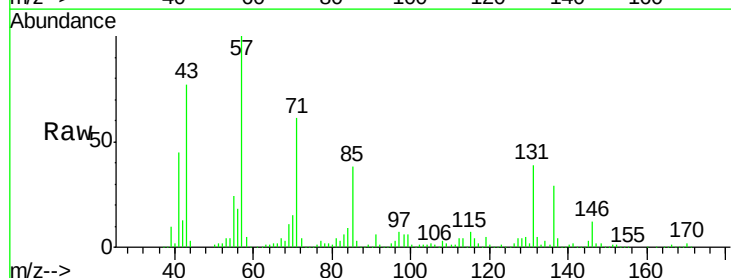
Ion Ratio Lower Upper

127 100

129 111.2 26.1 39.1#

65 41.0 19.5 29.3#

92 15.0 14.6 22.0

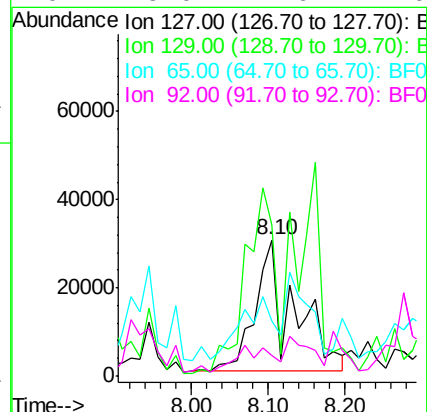
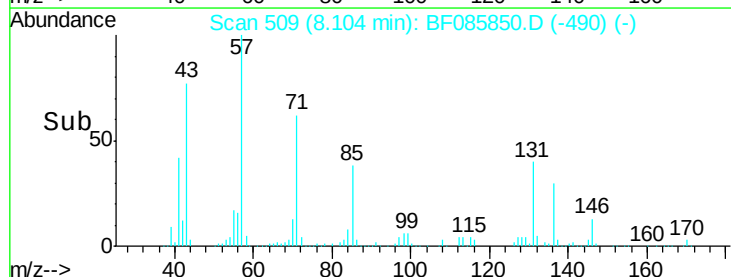


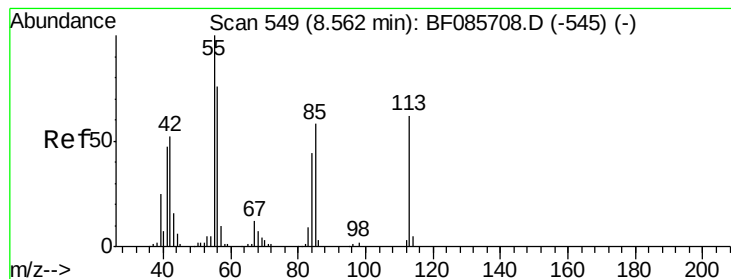
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 59.39 ng

RT: 8.54 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

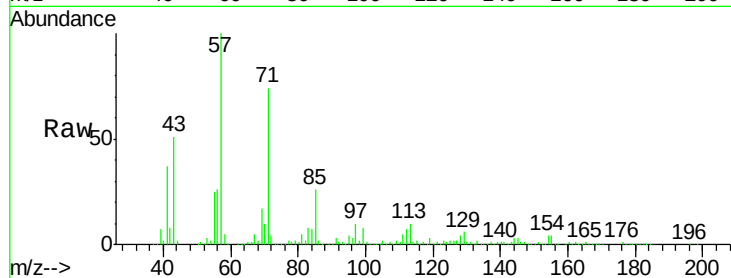
Tgt Ion:113 Resp: 72049

Ion Ratio Lower Upper

113 100

55 253.8 139.4 179.4#

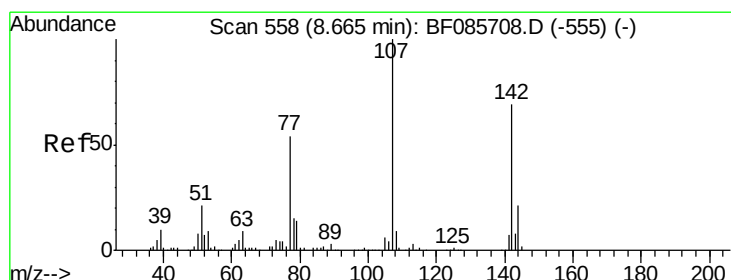
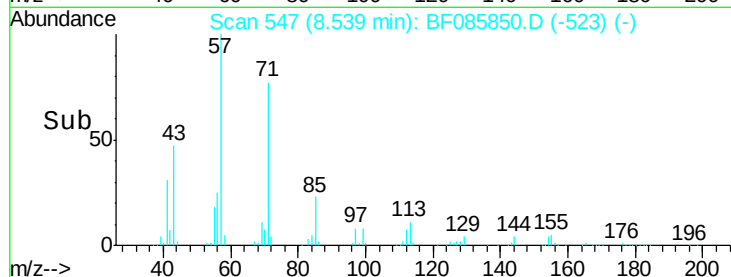
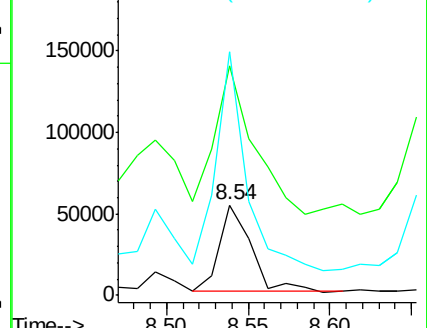
56 268.9 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 3.38 ng

RT: 8.63 min Scan# 555

Delta R.T. -0.03 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

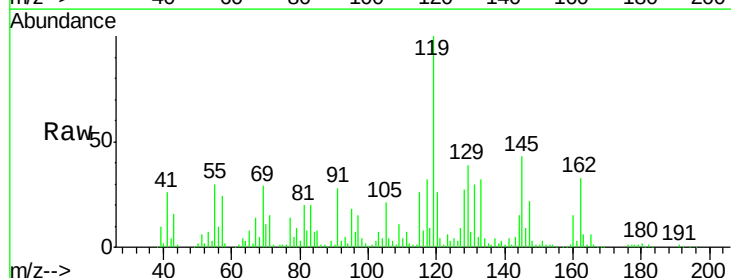
Tgt Ion:107 Resp: 13506

Ion Ratio Lower Upper

107 100

144 440.8 19.3 28.9#

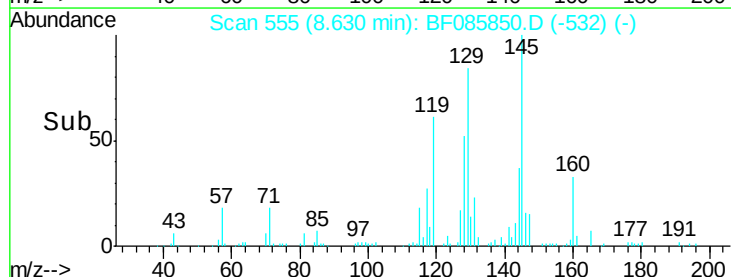
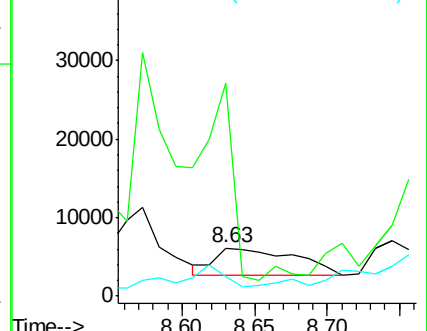
142 41.6 61.4 92.0#

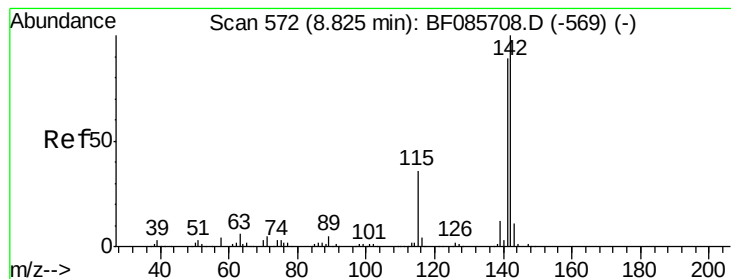


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

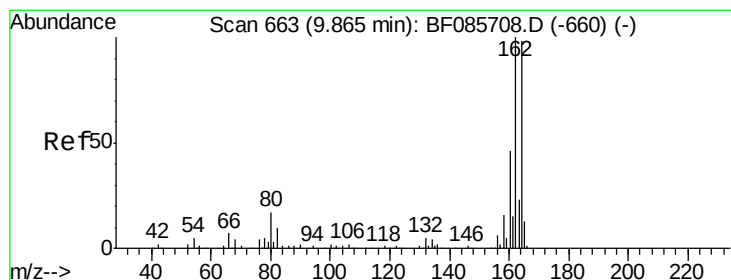
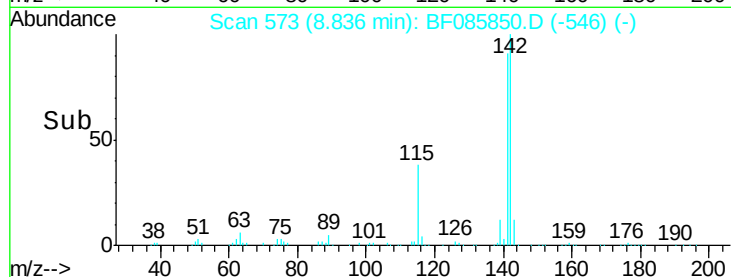
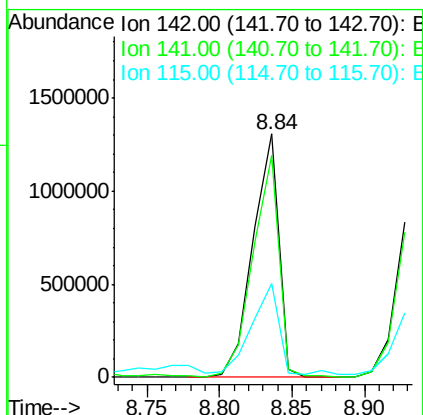
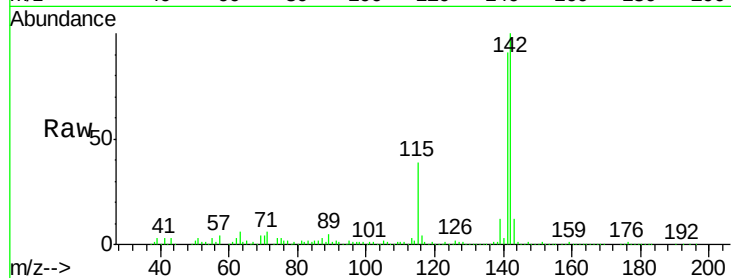




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.84 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

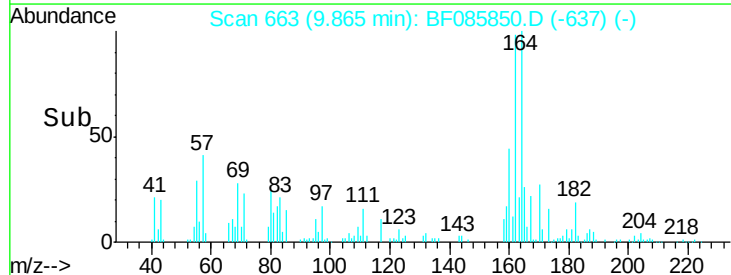
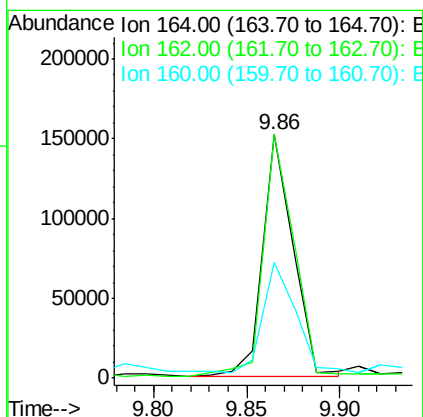
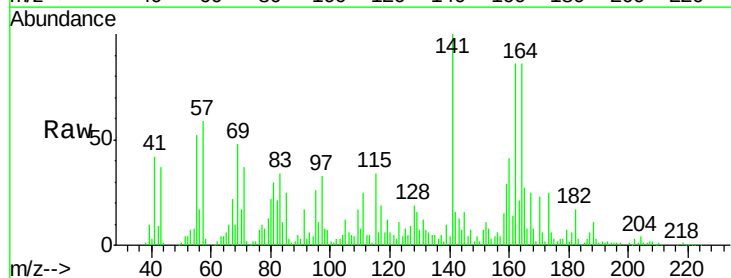
Instrument :
BNA_F
ClientSampleId :
5DL

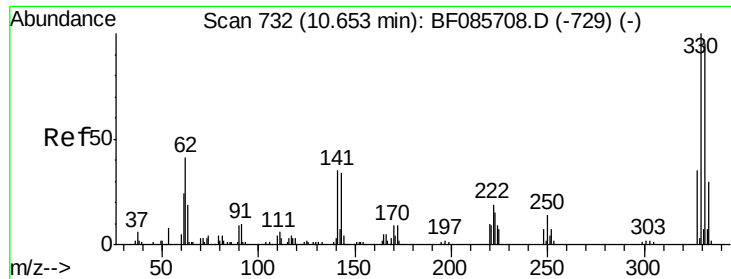
Tgt Ion:142 Resp: 1620900
Ion Ratio Lower Upper
142 100
141 91.3 71.6 107.4
115 38.8 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

Tgt Ion:164 Resp: 170203
Ion Ratio Lower Upper
164 100
162 99.9 82.1 123.1
160 47.3 37.4 56.2

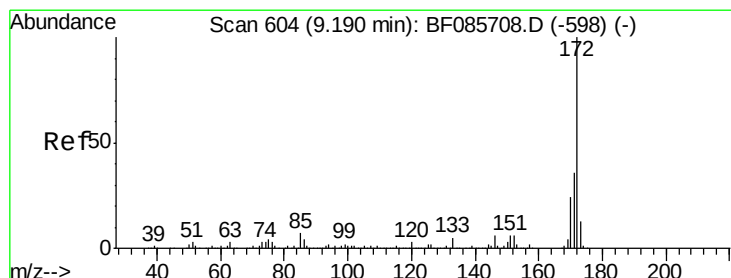
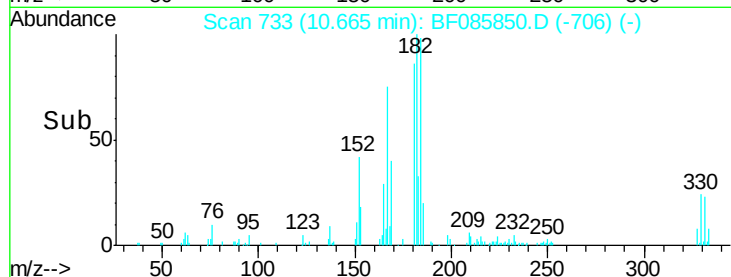
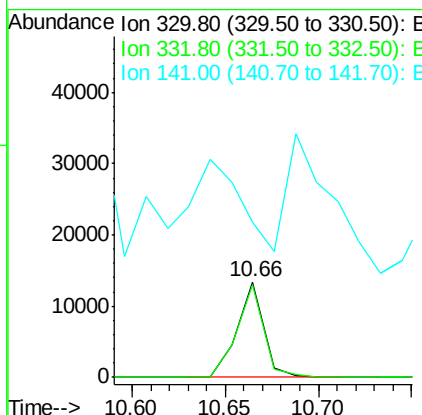
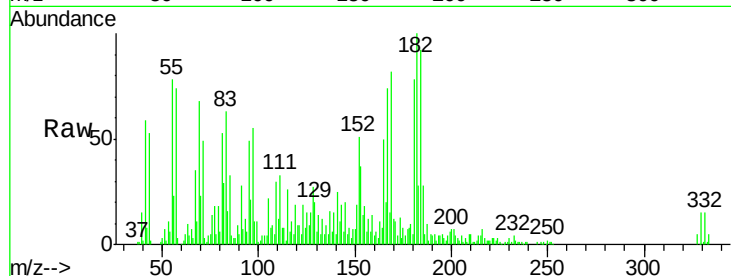




#41
 2,4,6-Tribromophenol
 Concen: 8.31 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

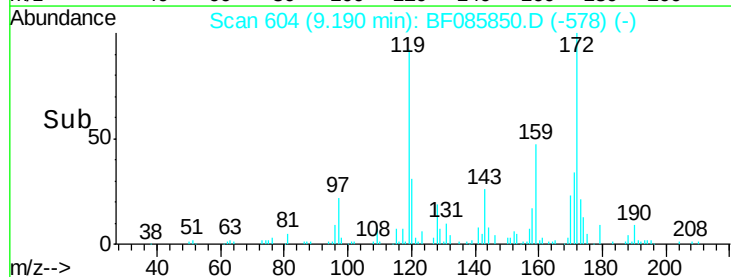
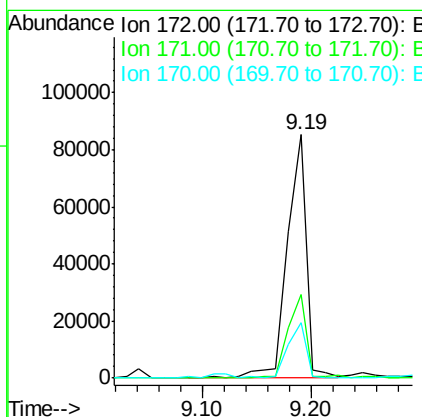
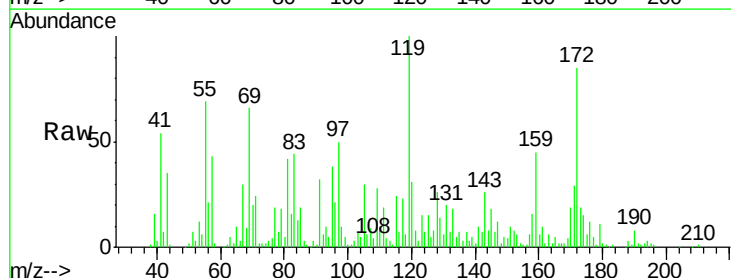
Instrument :
 BNA_F
 ClientSampleId :
 5DL

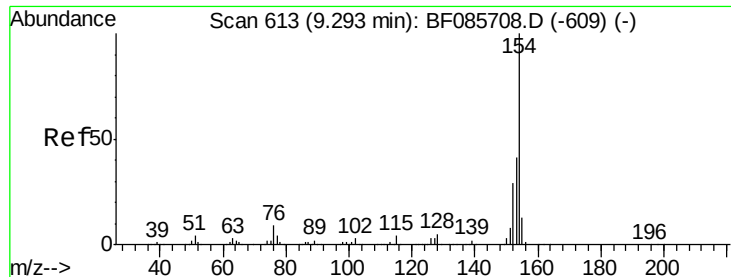
Tgt Ion:330 Resp: 13443
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 0.0 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 10.24 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

Tgt Ion:172 Resp: 104306
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.2
 170 22.6 19.8 29.6





#45

1,1'-Biphenyl

Concen: 8.97 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

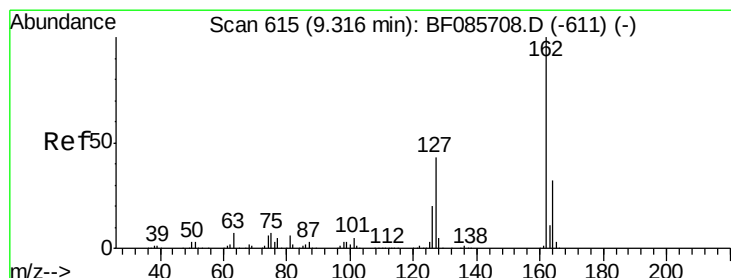
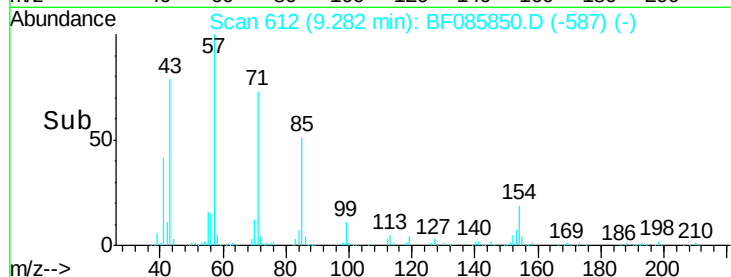
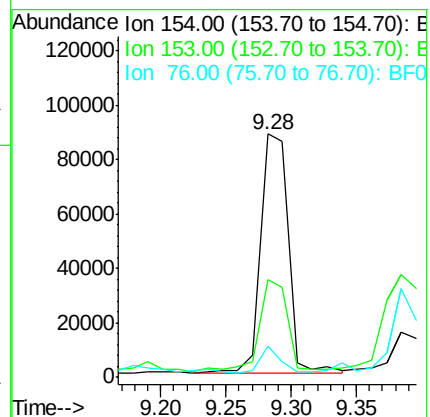
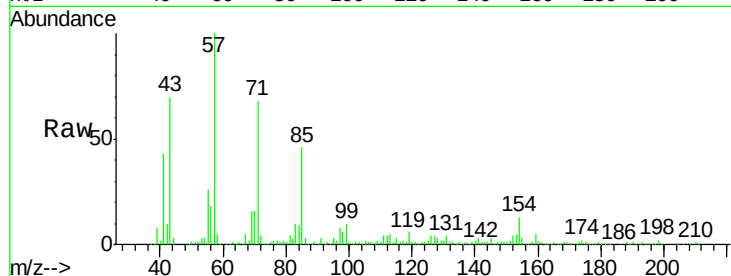
Tgt Ion:154 Resp: 128828

Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 12.5 0.0 36.7



#46

2-Chloronaphthalene

Concen: 2.32 ng

RT: 9.36 min Scan# 619

Delta R.T. 0.05 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

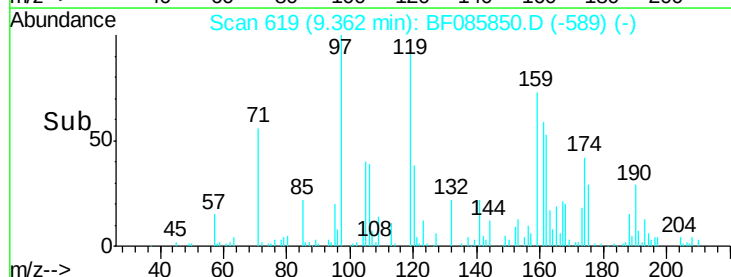
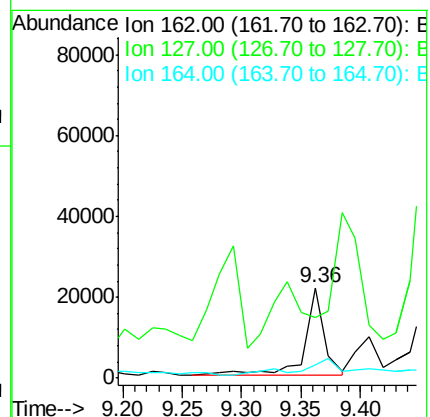
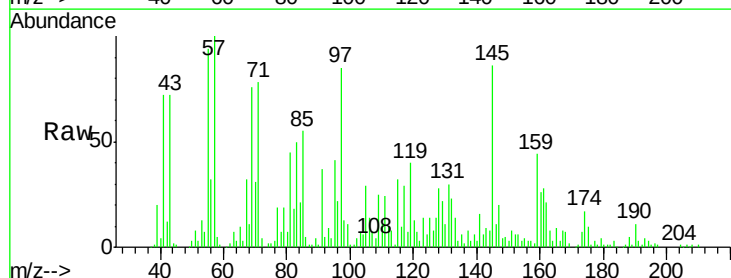
Tgt Ion:162 Resp: 24517

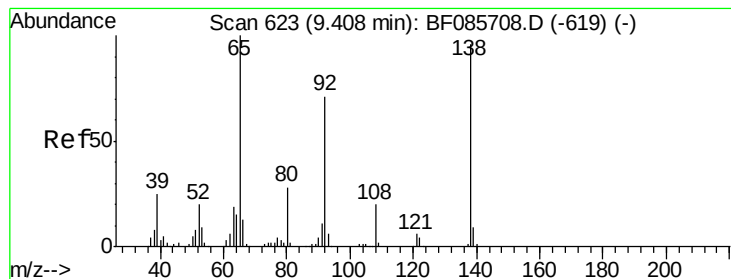
Ion Ratio Lower Upper

162 100

127 67.4 31.7 47.5#

164 14.1 27.3 40.9#





#47

2-Nitroaniline

Concen: 3.33 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

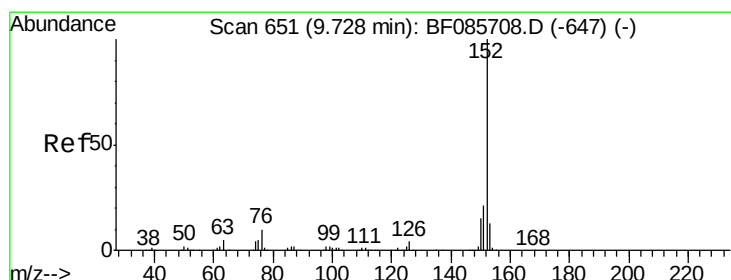
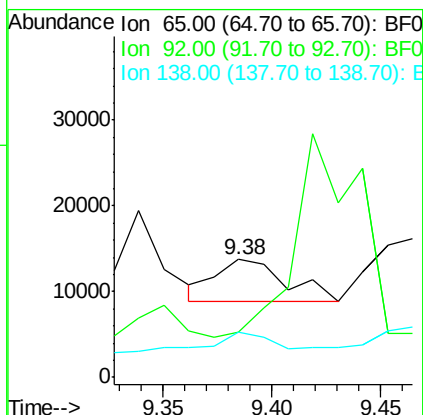
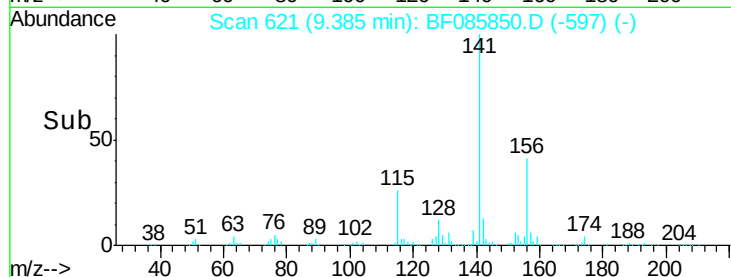
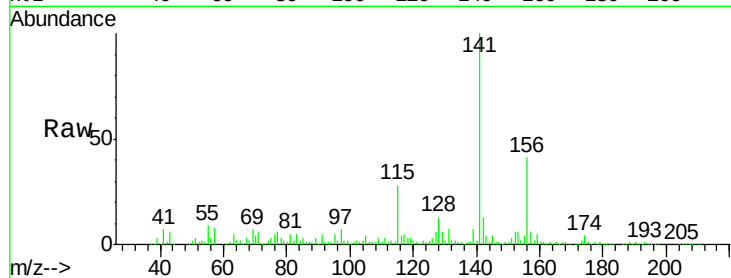
Tgt Ion: 65 Resp: 10742

Ion Ratio Lower Upper

65 100

92 38.7 59.7 89.5#

138 37.9 91.4 137.0#



#48

Acenaphthylene

Concen: 3.80 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

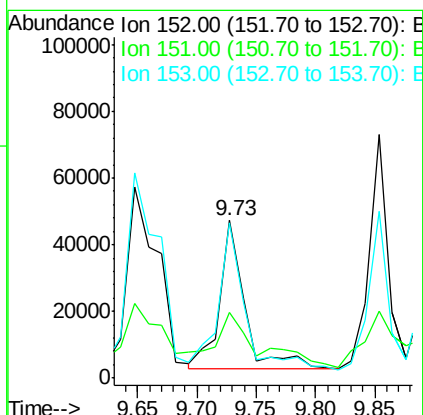
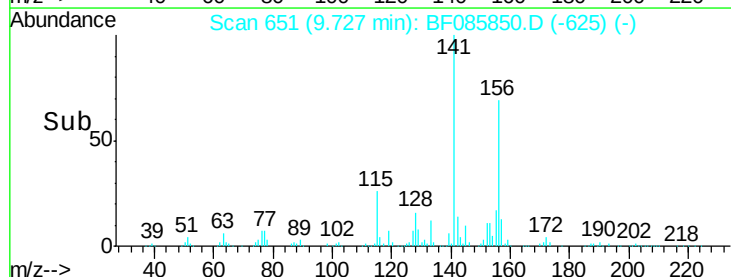
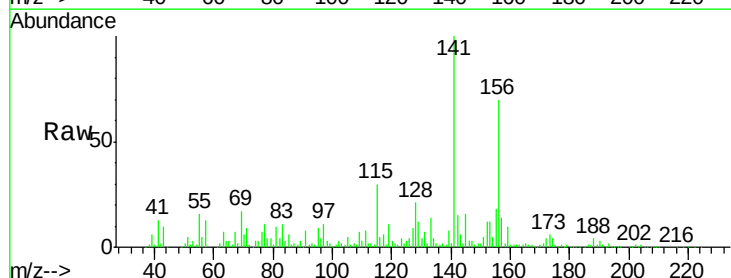
Tgt Ion: 152 Resp: 65415

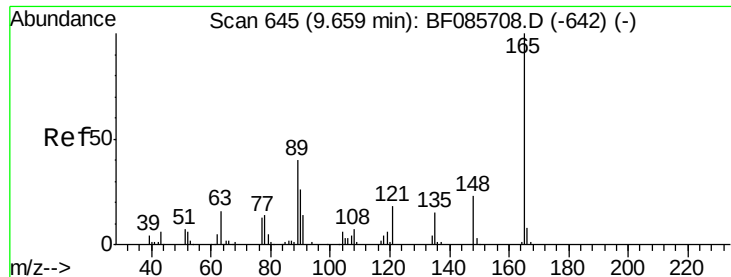
Ion Ratio Lower Upper

152 100

151 42.1 16.8 25.2#

153 98.3 10.9 16.3#

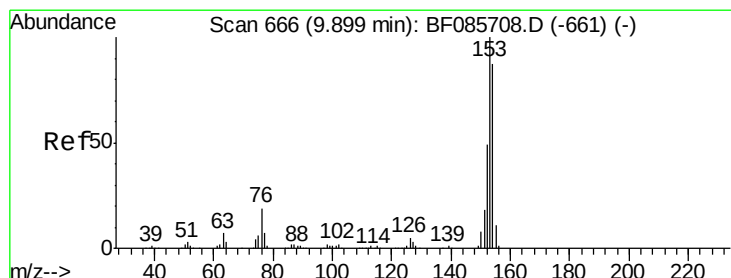
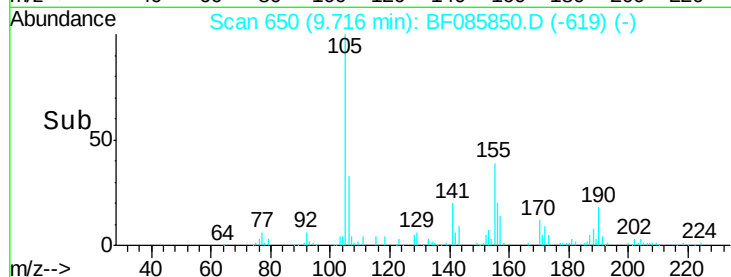
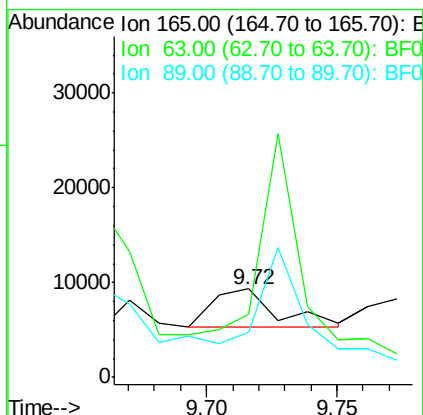
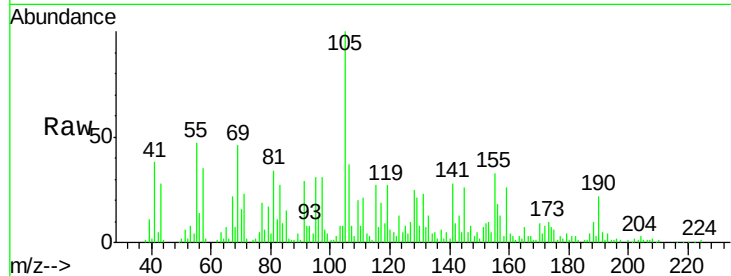




#50
 2,6-Dinitrotoluene
 Concen: 2.54 ng
 RT: 9.72 min Scan# 650
 Delta R.T. 0.06 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

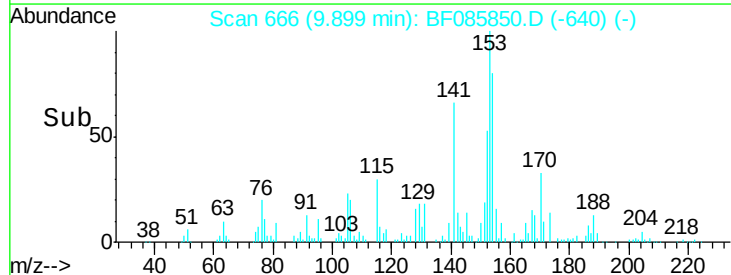
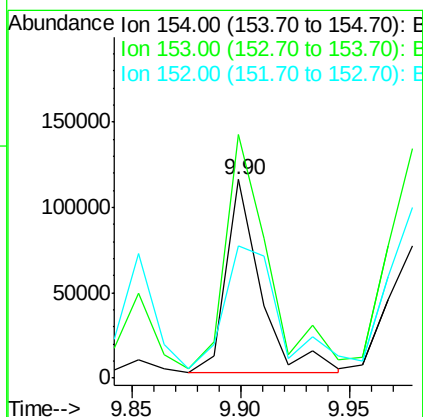
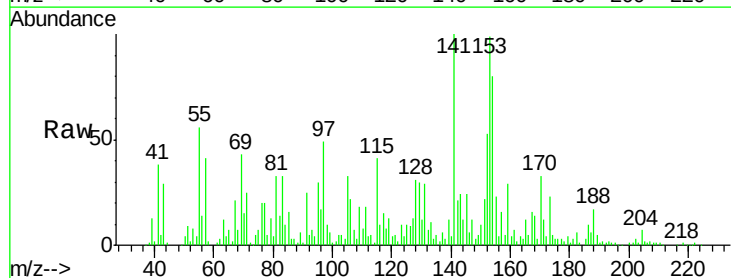
Instrument :
 BNA_F
 ClientSampleId :
 5DL

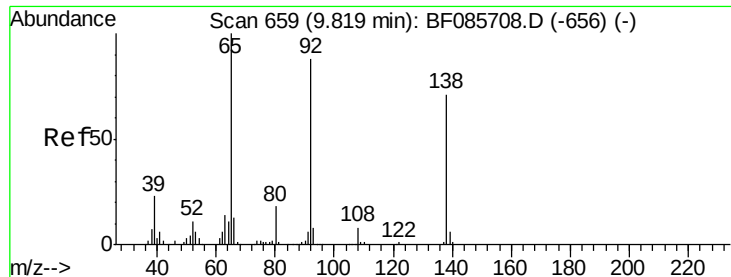
Tgt Ion:165 Resp: 7054
 Ion Ratio Lower Upper
 165 100
 63 71.5 51.8 77.8
 89 51.9 53.7 80.5#



#51
 Acenaphthene
 Concen: 11.74 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF085850.D
 Acq: 29 Mar 2016 14:04

Tgt Ion:154 Resp: 123359
 Ion Ratio Lower Upper
 154 100
 153 122.7 90.1 135.1
 152 66.5 44.2 66.2#





#52

3-Nitroaniline

Concen: 2.02 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.03 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

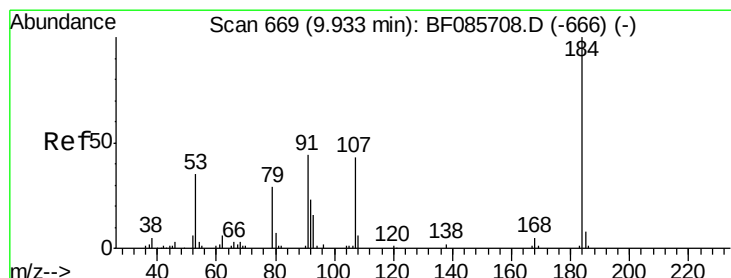
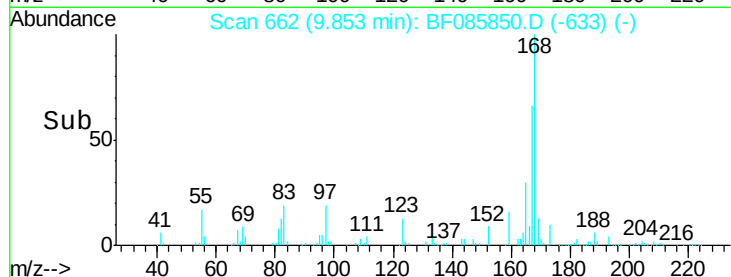
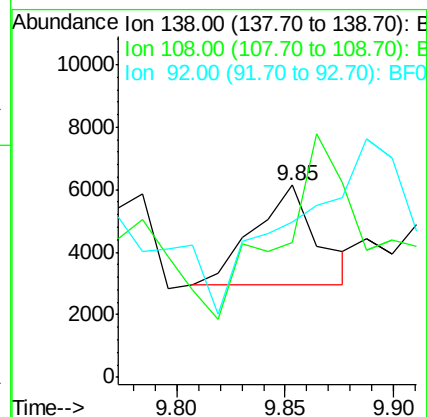
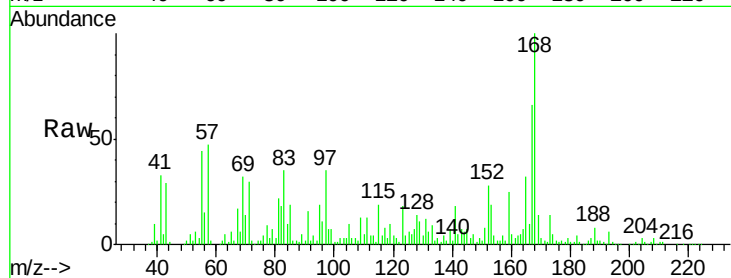
Tgt Ion:138 Resp: 6428

Ion Ratio Lower Upper

138 100

108 70.4 8.7 13.1#

92 81.1 93.3 139.9#



#53

2,4-Dinitrophenol

Concen: 6.40 ng

RT: 9.94 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

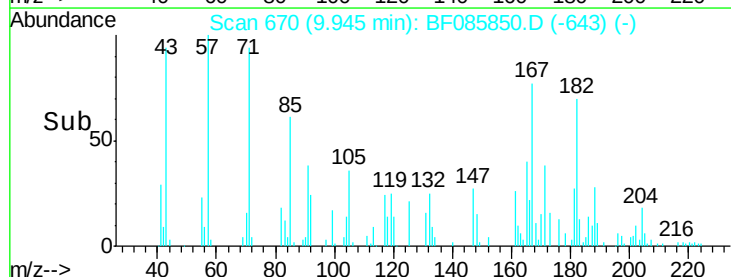
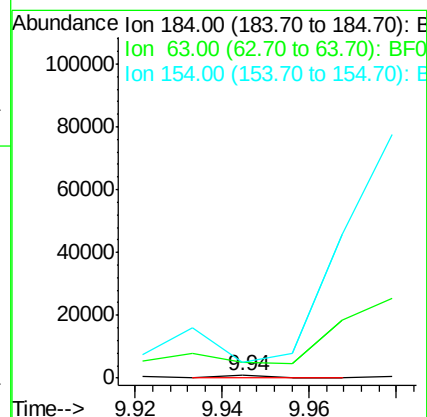
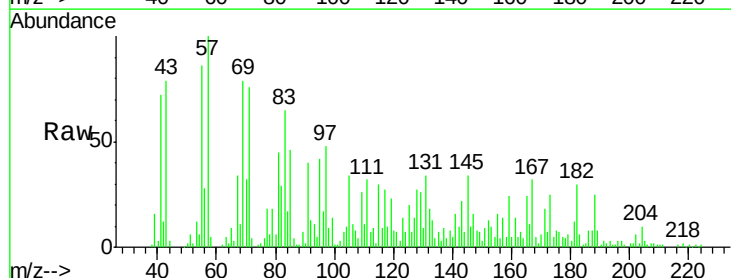
Tgt Ion:184 Resp: 544

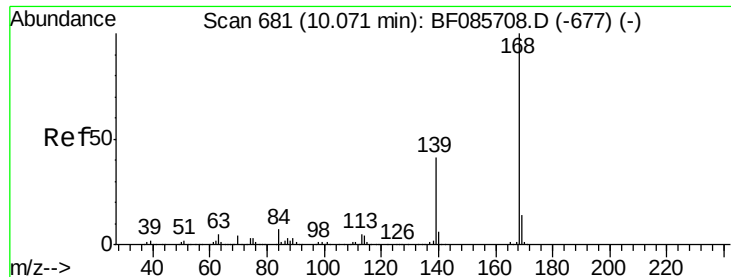
Ion Ratio Lower Upper

184 100

63 628.1 69.5 104.3#

154 649.9 58.3 87.5#

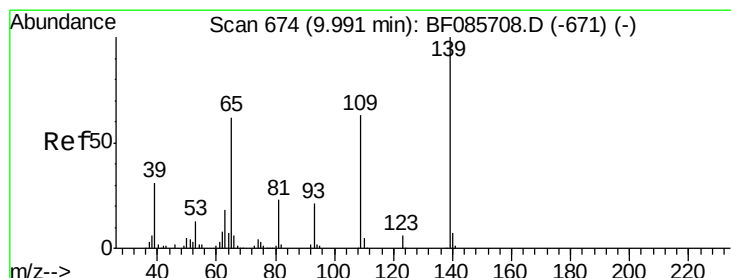
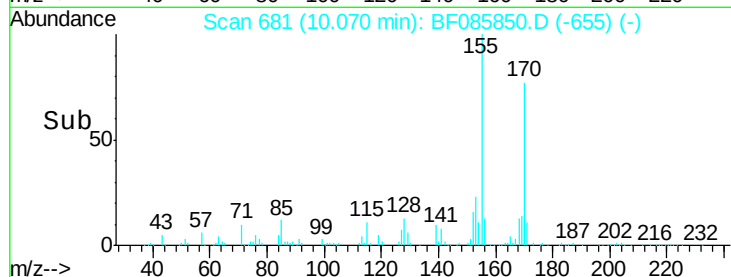
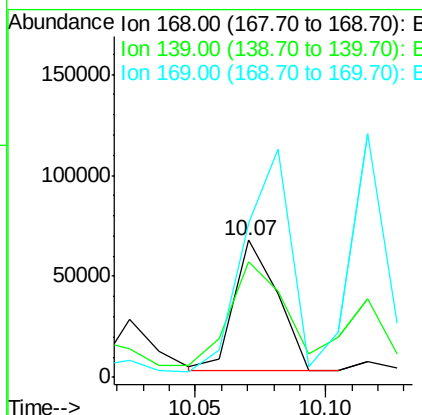
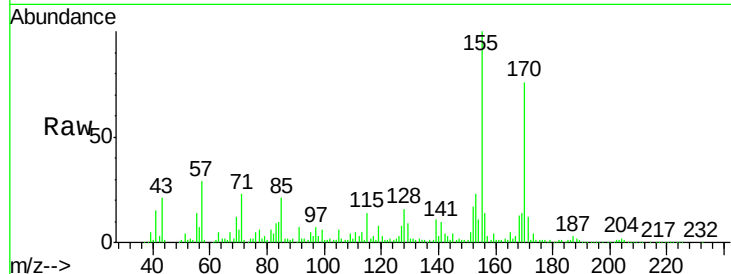




#54
Dibenzofuran
Concen: 5.49 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

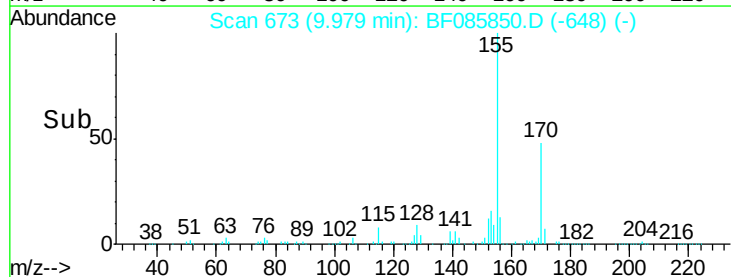
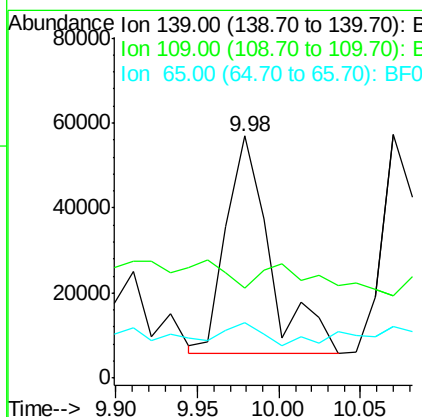
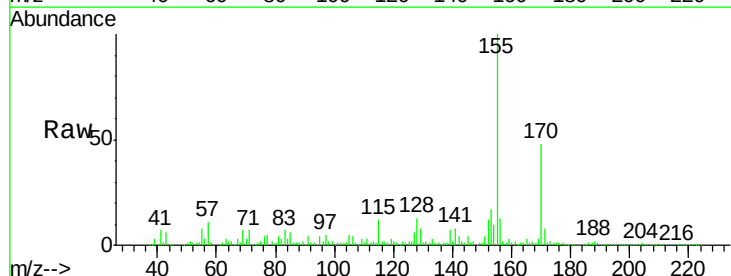
Instrument :
BNA_F
ClientSampleId :
5DL

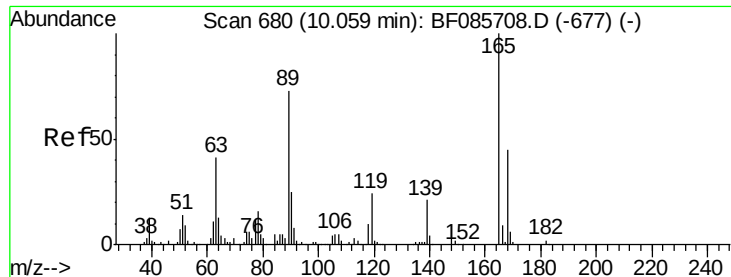
Tgt Ion:168 Resp: 74631
Ion Ratio Lower Upper
168 100
139 84.5 31.9 47.9#
169 112.6 11.0 16.6#



#55
4-Nitrophenol
Concen: 45.69 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

Tgt Ion:139 Resp: 94705
Ion Ratio Lower Upper
139 100
109 37.2 49.2 89.2#
65 23.0 66.9 106.9#

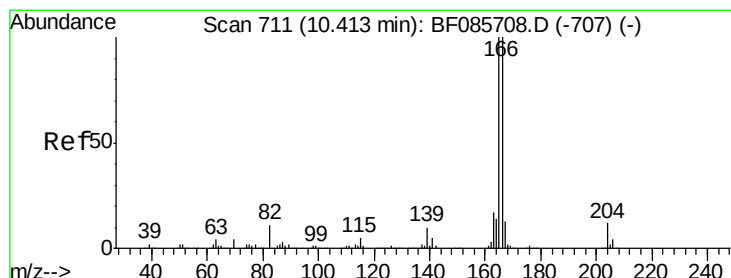
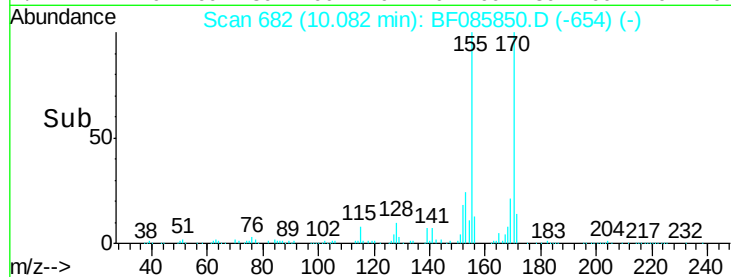
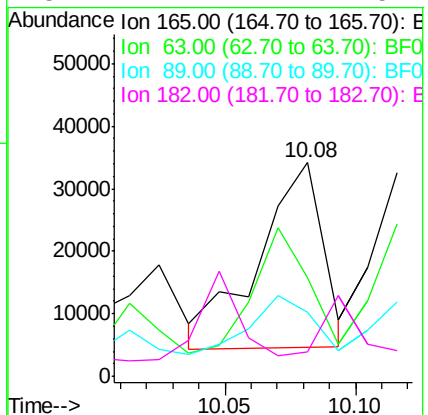
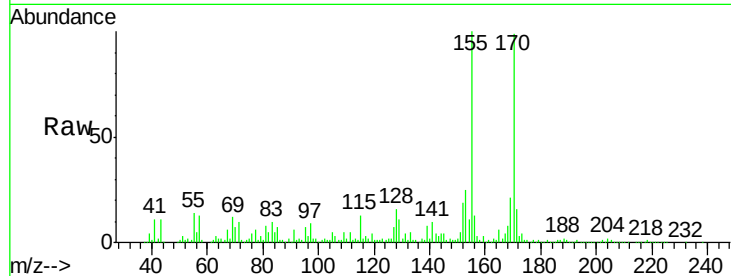




#56
2,4-Dinitrotoluene
Concen: 14.42 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

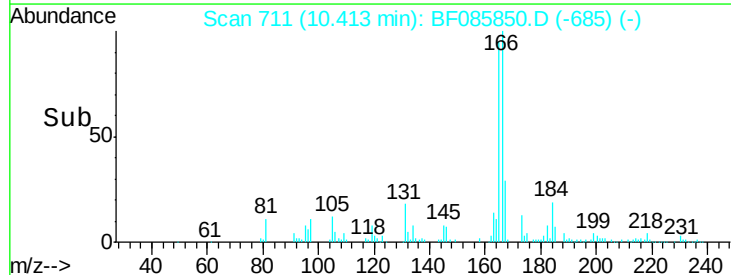
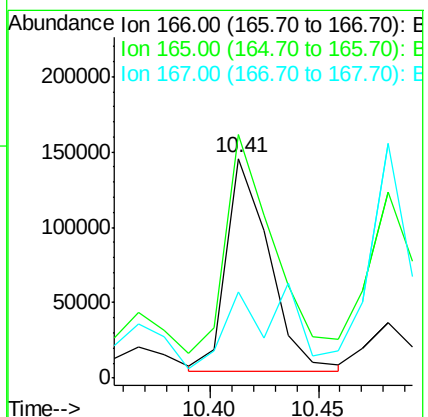
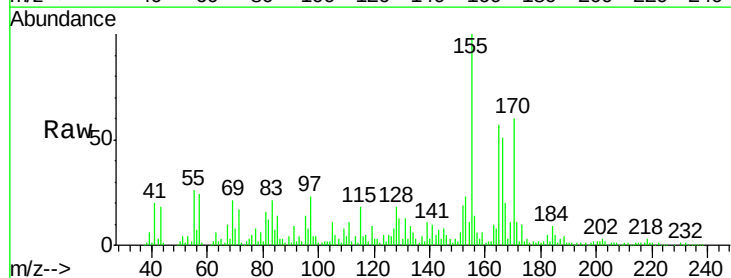
Instrument :
BNA_F
ClientSampleId :
5DL

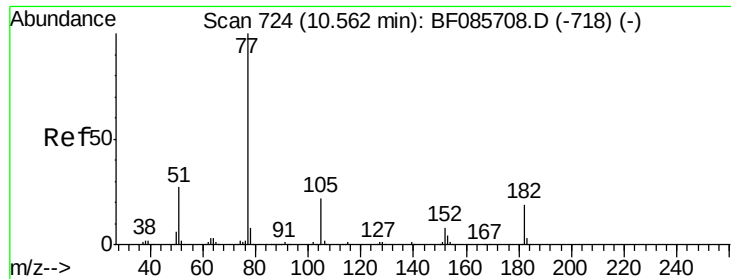
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.9	24.9	37.3#
89	30.0	41.0	61.6#
182	11.1	2.1	3.1#



#57
Fluorene
Concen: 17.19 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF085850.D
Acq: 29 Mar 2016 14:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.9	79.4	119.0
167	39.3	11.0	16.4#





#62

Azobenzene

Concen: 2.11 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

Tgt Ion: 77 Resp: 25858

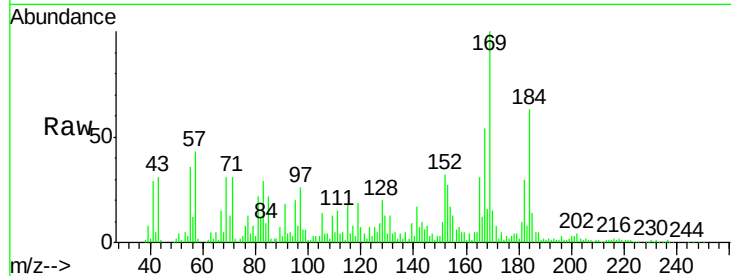
Ion Ratio Lower Upper

77 100

182 227.0 1.9 41.9#

105 105.8 3.5 43.5#

51 34.1 6.3 46.3

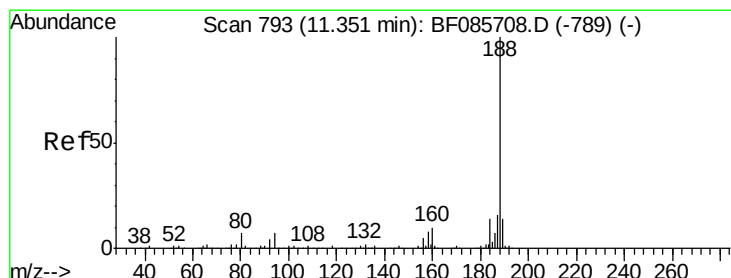
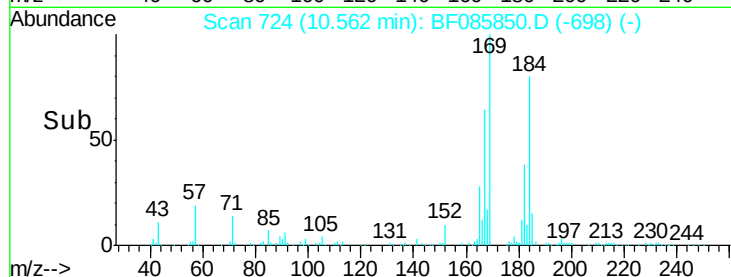
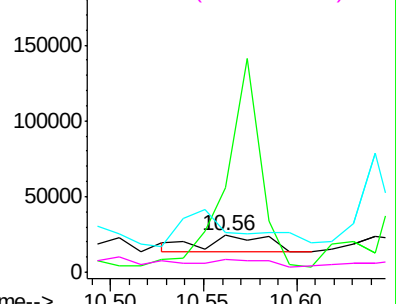


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

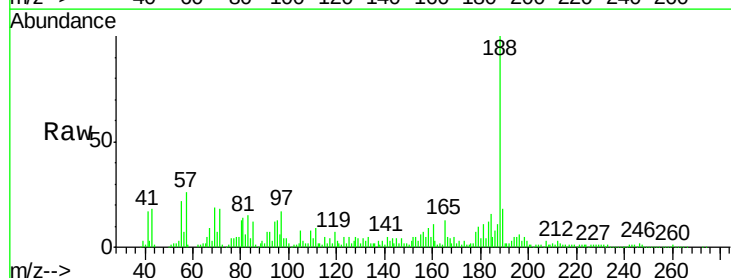
Tgt Ion: 188 Resp: 284479

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

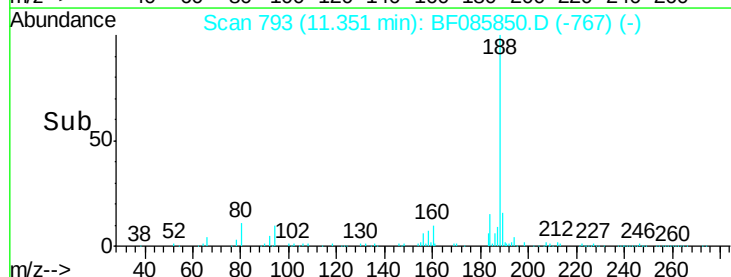
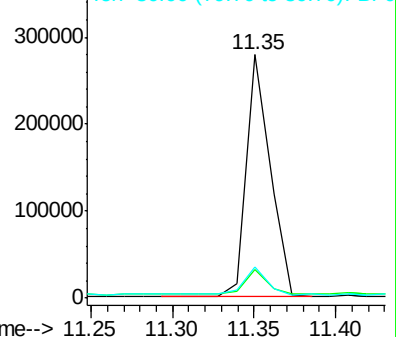
80 13.0 5.5 8.3#

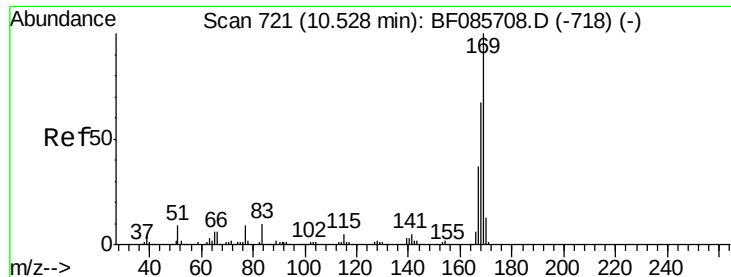


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 42.92 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

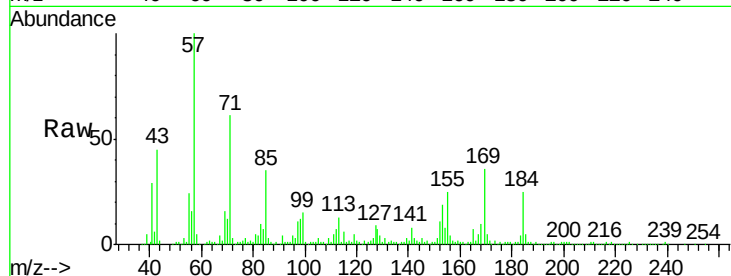
Tgt Ion:169 Resp: 386733

Ion Ratio Lower Upper

169 100

168 28.0 54.4 81.6#

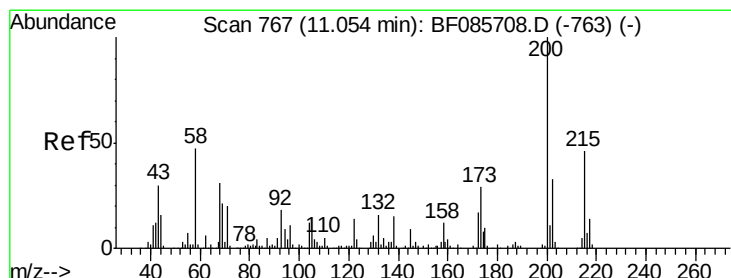
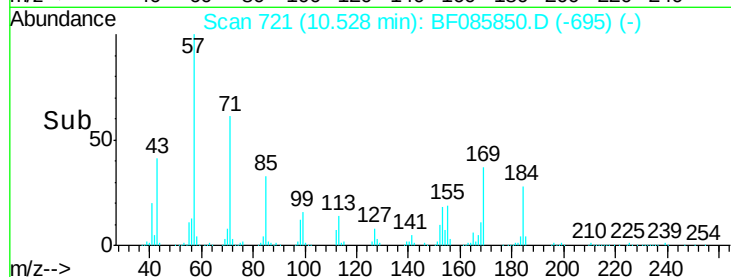
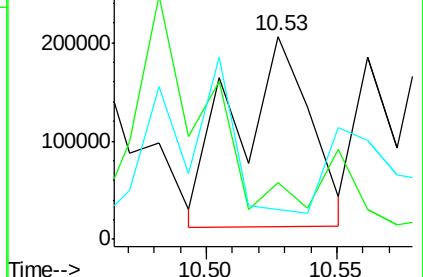
167 14.6 29.4 44.0#



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



#68

Atrazine

Concen: 2.87 ng

RT: 11.08 min Scan# 769

Delta R.T. 0.02 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

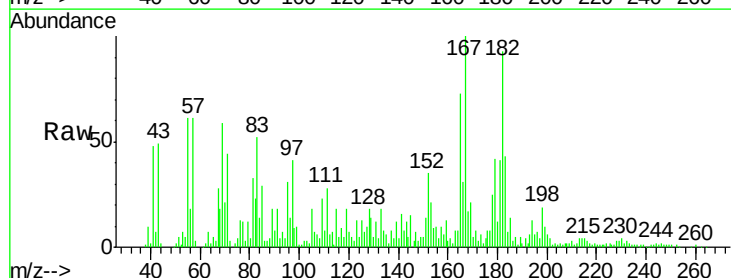
Tgt Ion:200 Resp: 8728

Ion Ratio Lower Upper

200 100

173 115.7 7.7 47.7#

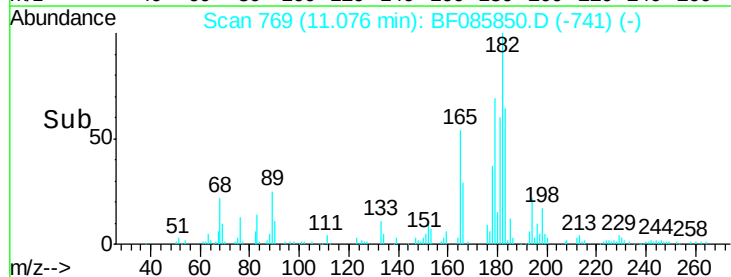
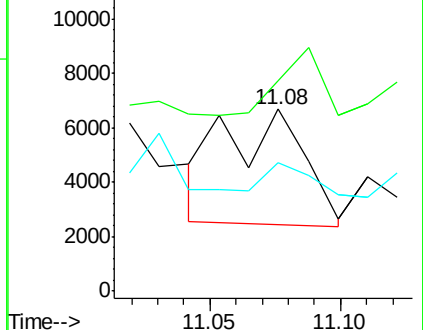
215 70.7 25.4 65.4#

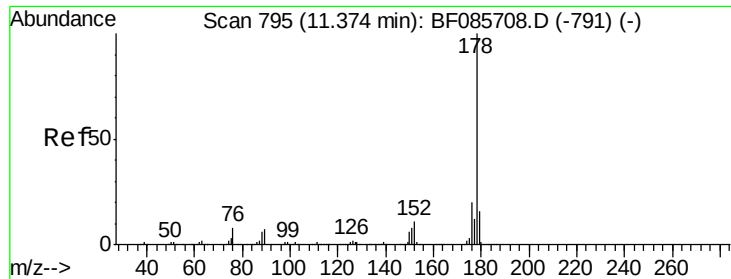


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 50.83 ng

RT: 11.38 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

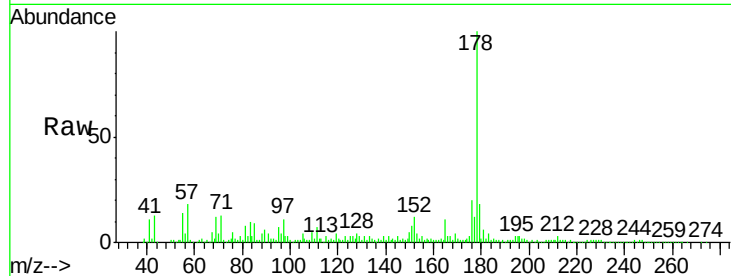
Tgt Ion:178 Resp: 742409

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

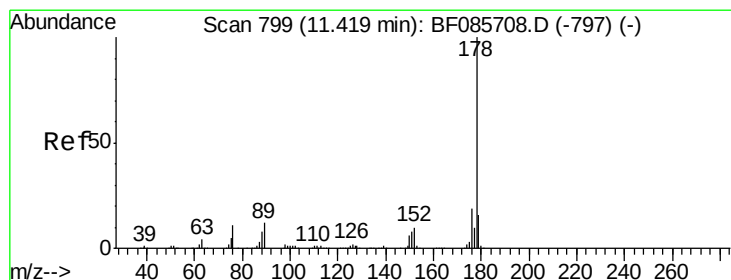
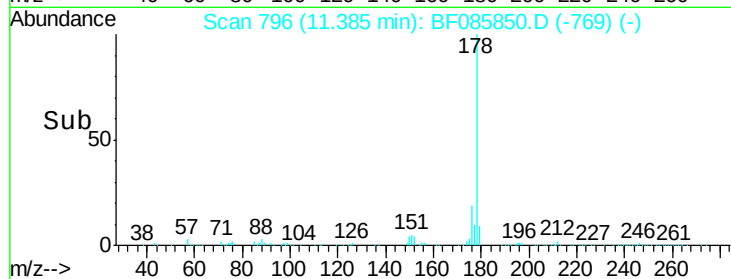
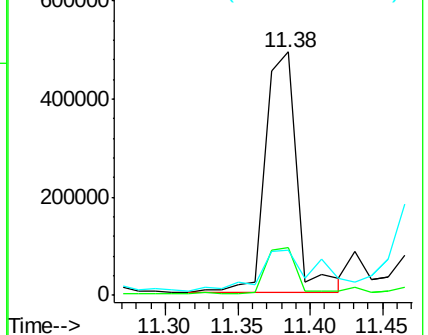
179 18.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 48.41 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

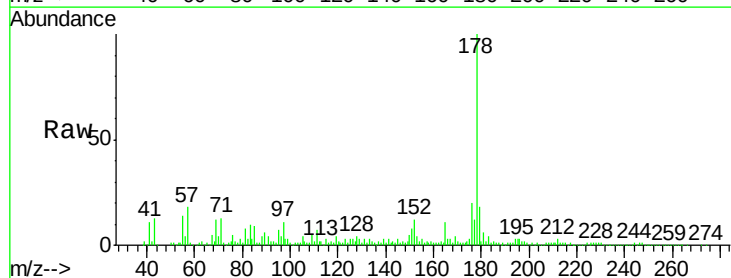
Tgt Ion:178 Resp: 742409

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

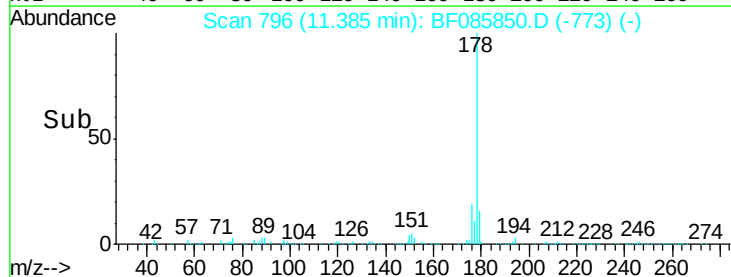
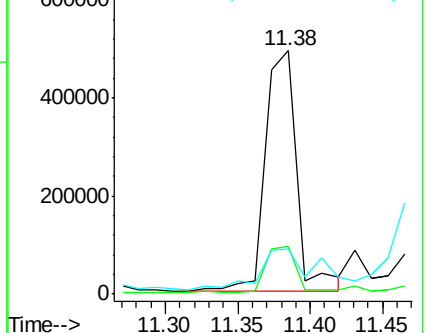
179 18.3 13.0 19.4

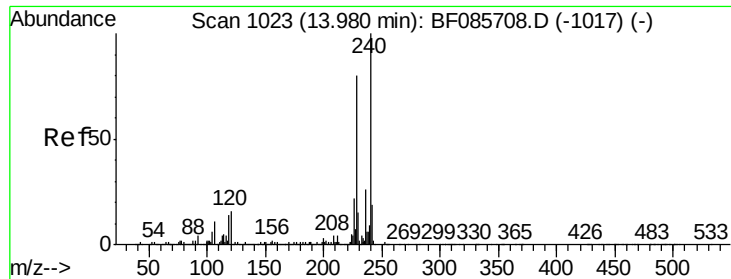


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampleId :

5DL

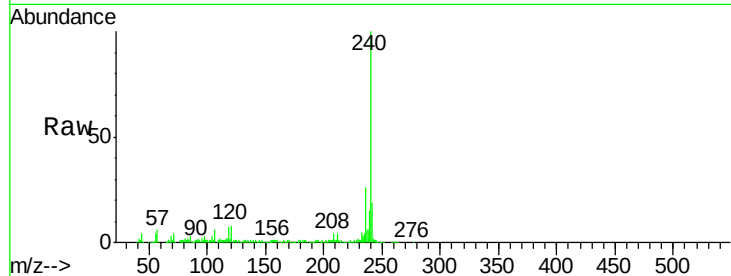
Tgt Ion:240 Resp: 226843

Ion Ratio Lower Upper

240 100

120 8.1 13.8 20.8#

236 26.2 20.6 30.8

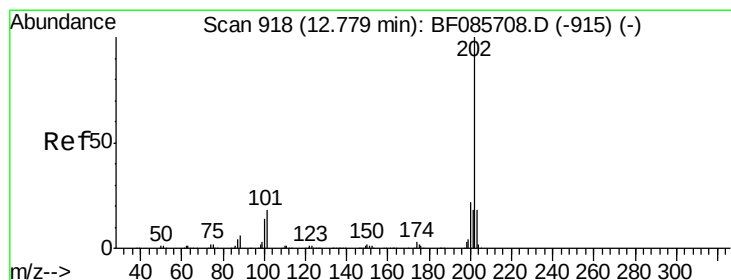
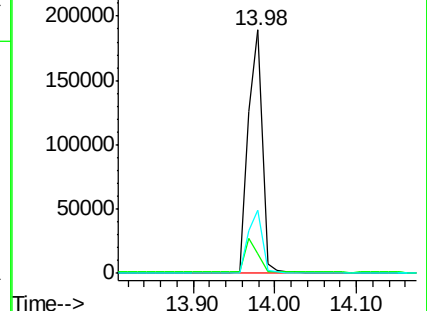
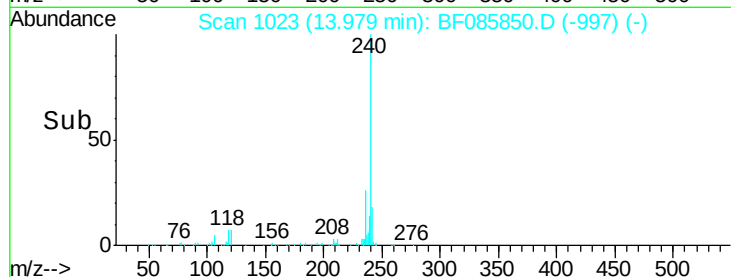


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.98



#77

Pyrene

Concen: 4.96 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

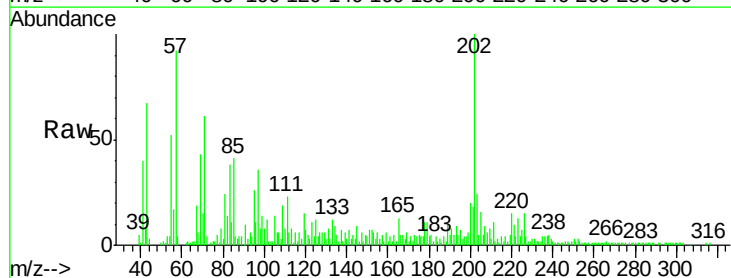
Tgt Ion:202 Resp: 92475

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

203 23.8 14.0 21.0#

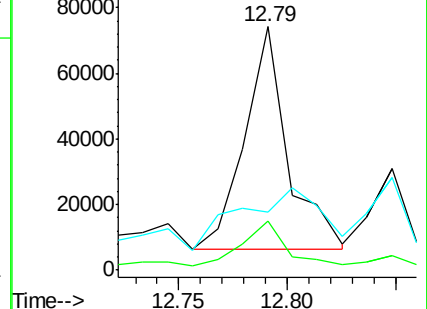
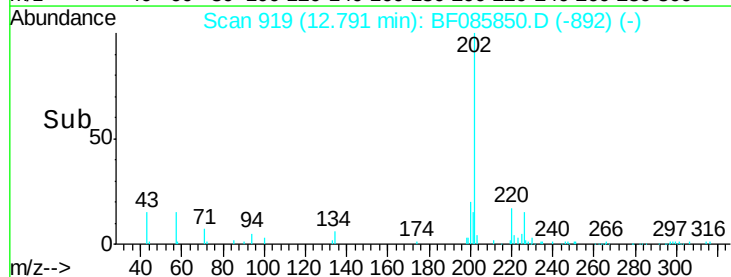


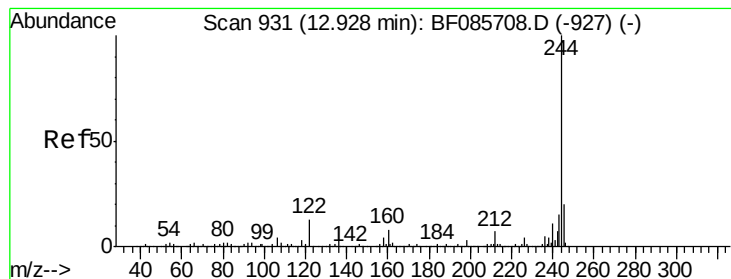
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.79





#78

Terphenyl-d14

Concen: 6.53 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

Instrument :

BNA_F

ClientSampled :

5DL

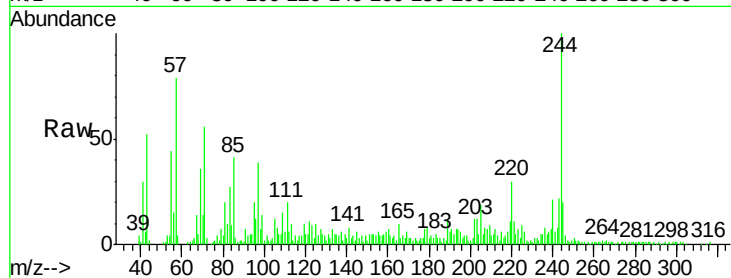
Tgt Ion:244 Resp: 72079

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

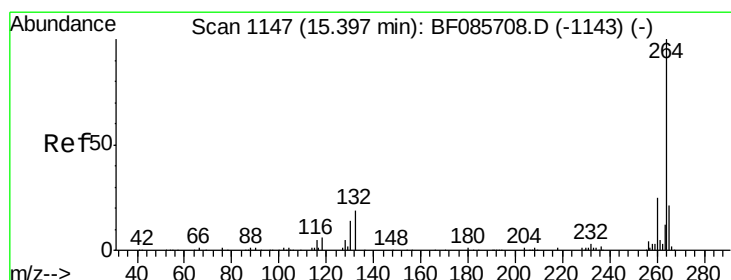
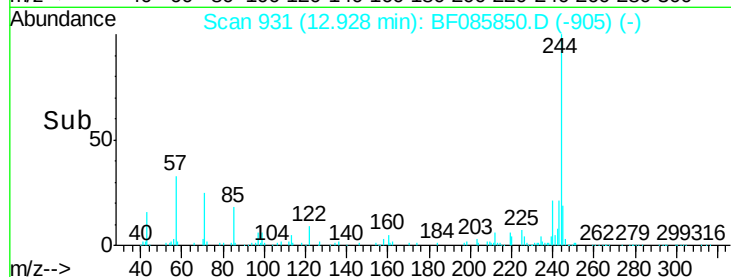
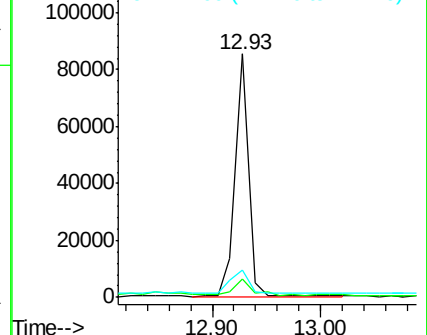
122 11.3 10.2 15.4



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: 15.39 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF085850.D

Acq: 29 Mar 2016 14:04

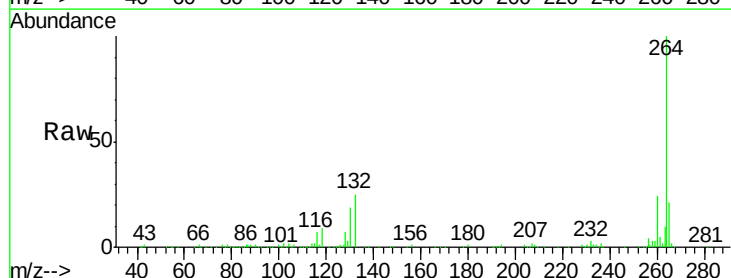
Tgt Ion:264 Resp: 233309

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 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

