

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086284.D
 Acq On : 18 Apr 2016 16:16
 Operator : UM/SJ
 Sample : H2334-04 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

Quant Time: Apr 19 00:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	256197	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	439486	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	349142	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	562336	20.00	ng	0.01
75) Chrysene-d12	14.04	240	503904	20.00	ng	-0.01
86) Perylene-d12	15.47	264	514806	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	26469	1.69	ng	-0.01
7) Phenol-d6	6.50	99	29102	1.49	ng	-0.02
23) Nitrobenzene-d5	7.45	82	203333	26.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	6285	2.24	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	130628	6.90	ng	-0.01
78) Terphenyl-d14	12.99	244	88438	4.41	ng	-0.01

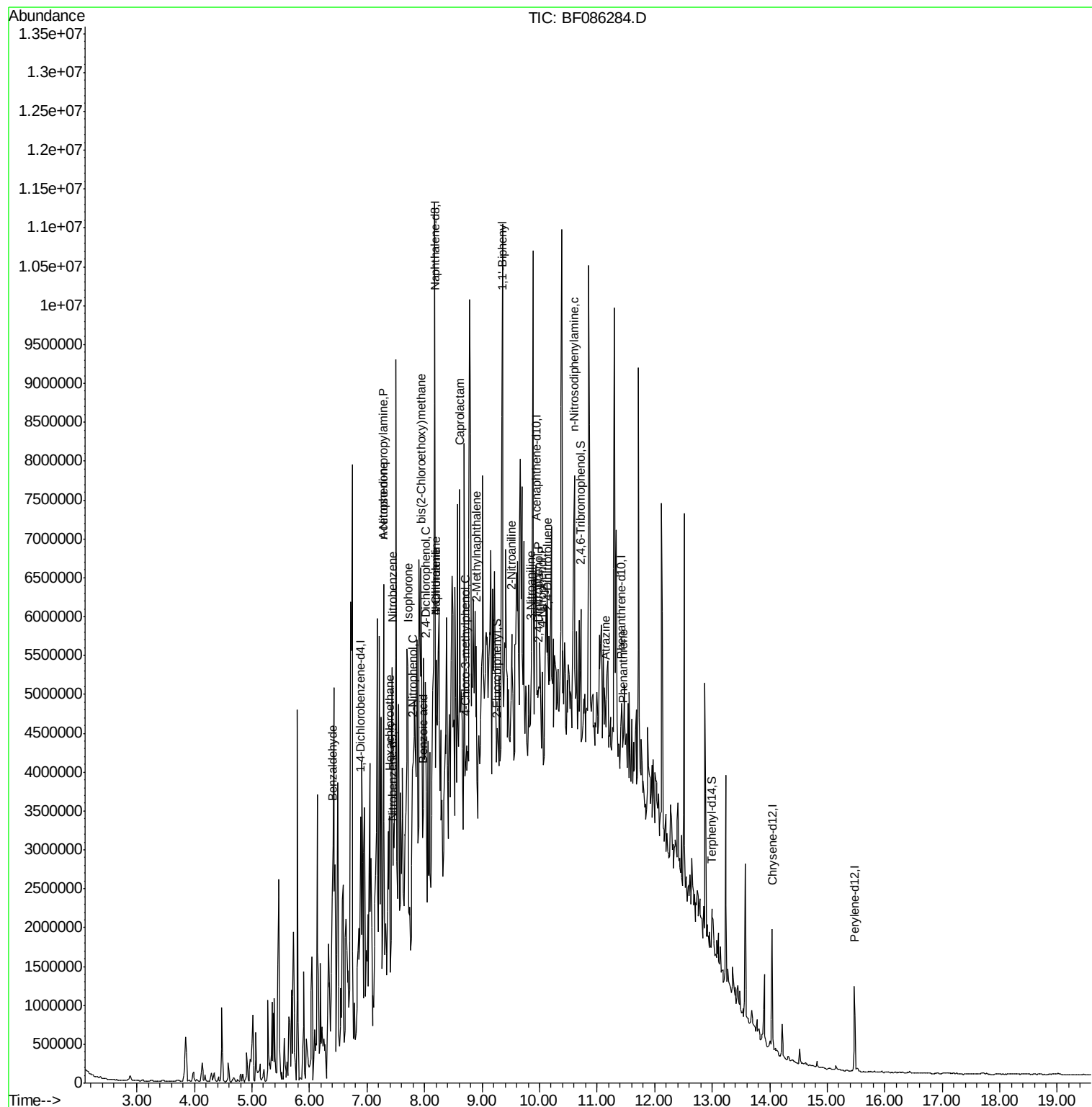
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	263326	18.98	ng	# 1
18) Hexachloroethane	7.39	117	144399	21.41	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	47411	3.79	ng	# 29
22) Acetophenone	7.29	105	674318	117.83	ng	# 45
24) Nitrobenzene	7.44	77	154410	18.53	ng	# 28
25) Isophorone	7.71	82	222325	14.70	ng	# 1
26) 2-Nitrophenol	7.80	139	15543	4.28	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	52645	5.92	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	22467	4.03	ng	# 22
31) Naphthalene	8.20	128	656080	33.43	ng	# 90
32) Benzoic acid	7.97	122	18549	3.96	ng	# 1
33) 4-Chloroaniline	8.20	127	195579	22.30	ng	# 33
35) Caprolactam	8.61	113	106325	52.66	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	31301	4.84	ng	# 37
37) 2-Methylnaphthalene	8.90	142	698170	55.02	ng	98
45) 1,1'-Biphenyl	9.36	154	100455	4.00	ng	95
47) 2-Nitroaniline	9.52	65	22123	3.33	ng	# 50
52) 3-Nitroaniline	9.85	138	14159	2.07	ng	# 72
53) 2,4-Dinitrophenol	9.98	184	1566	5.02	ng	# 1
55) 4-Nitrophenol	10.04	139	32327	6.05	ng	# 8
56) 2,4-Dinitrotoluene	10.14	165	16233	2.26	ng	# 62
60) 4-Chlorophenyl-phenylether	10.50	204	2859	Below Cal		# 1
65) n-Nitrosodiphenylamine	10.60	169	144273	8.38	ng	# 56
68) Atrazine	11.14	200	42219	8.00	ng	76
70) Phenanthrene	11.45	178	77097	2.87	ng	# 62
74) Fluoranthene	12.85	202	61339	Below Cal		90

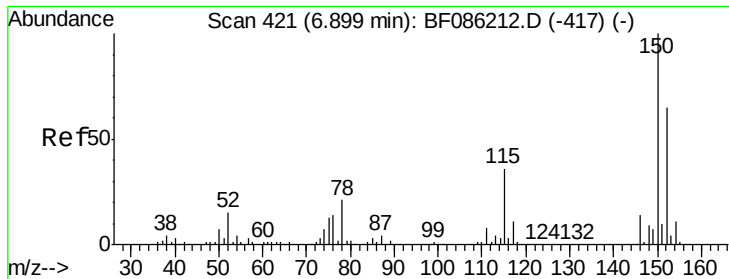
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

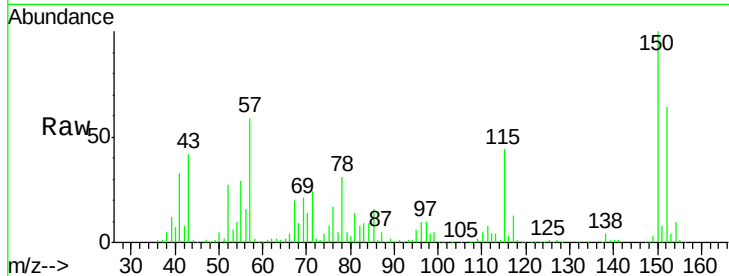
Tgt Ion:152 Resp: 256197

Ion Ratio Lower Upper

152 100

150 156.0 124.1 186.1

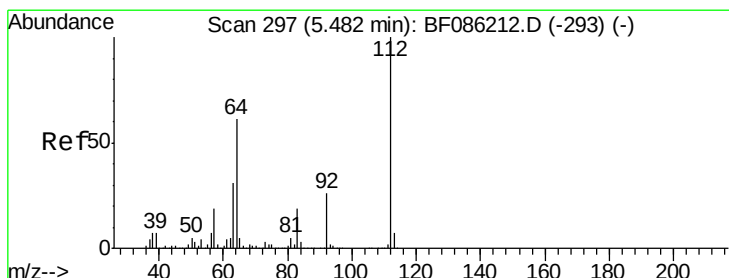
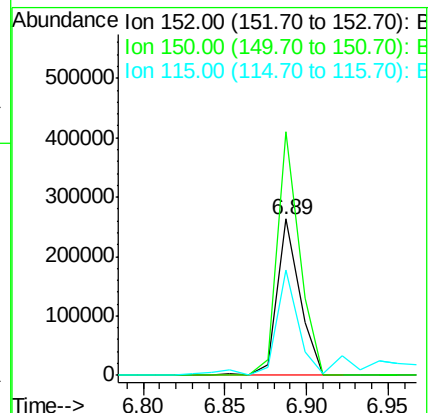
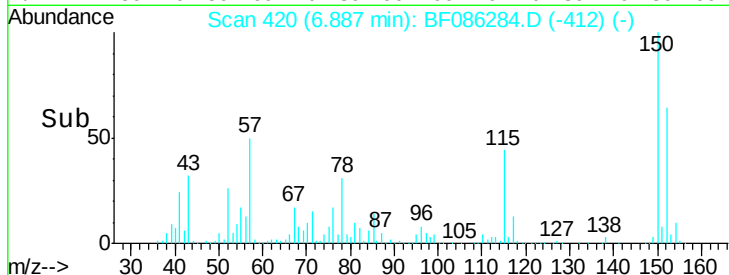
115 67.9 43.9 65.9#



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: 1.69 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

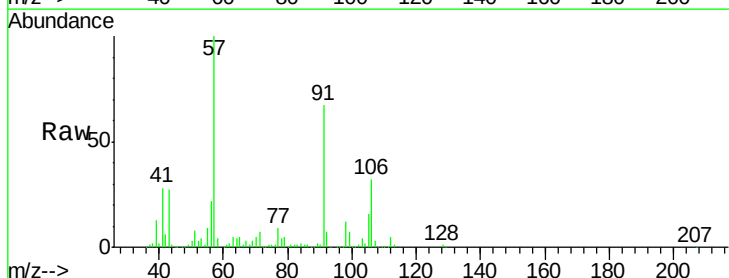
Tgt Ion:112 Resp: 26469

Ion Ratio Lower Upper

112 100

64 72.2 48.1 72.1#

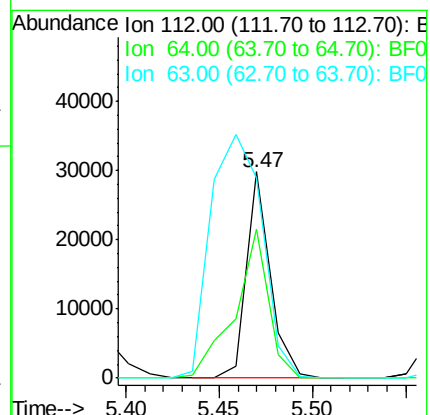
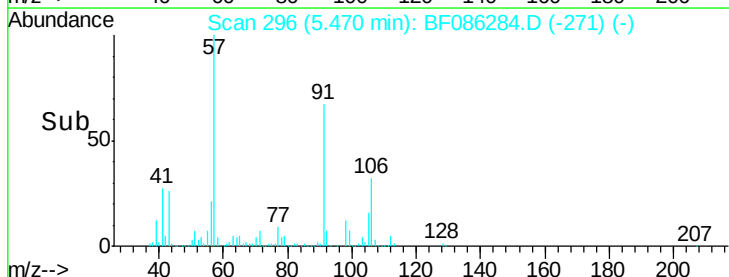
63 97.2 25.5 38.3#

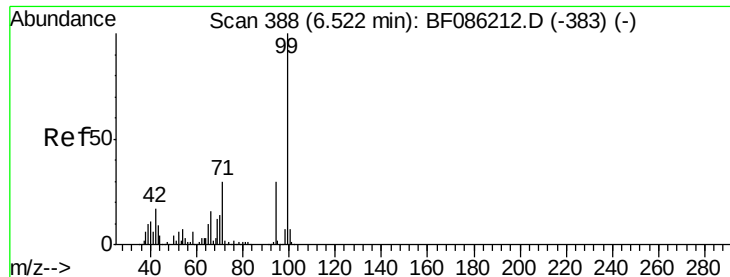


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.49 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

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ClientSampleId :

TW-1-04062016

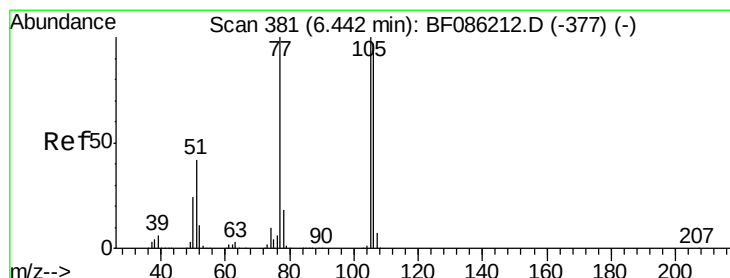
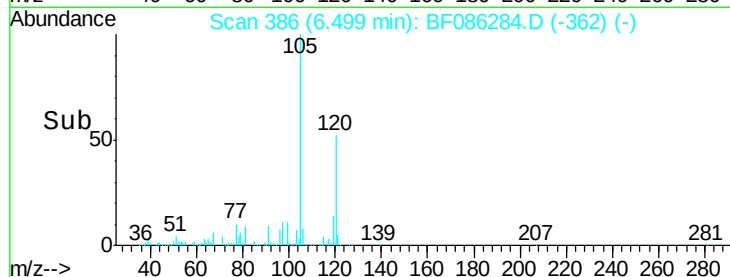
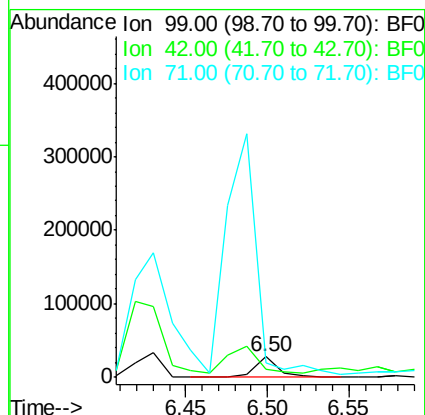
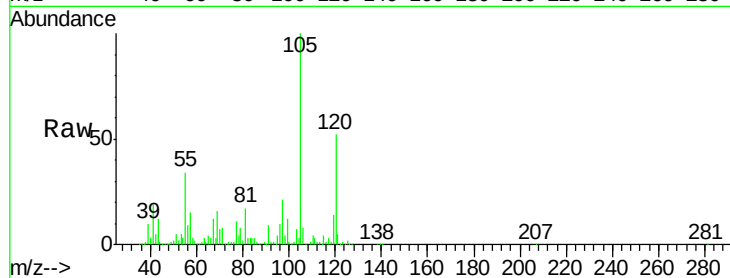
Tgt Ion: 99 Resp: 29102

Ion Ratio Lower Upper

99 100

42 40.9 15.4 23.2#

71 68.6 25.6 38.4#



#9

Benzaldehyde

Concen: 18.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

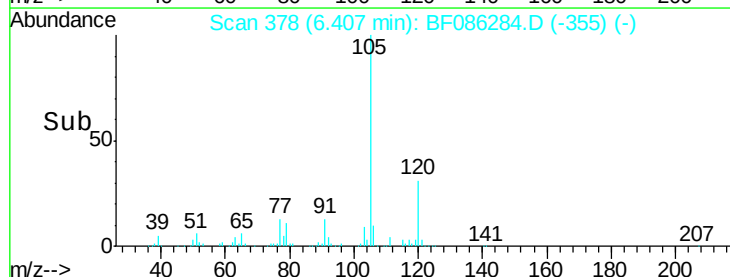
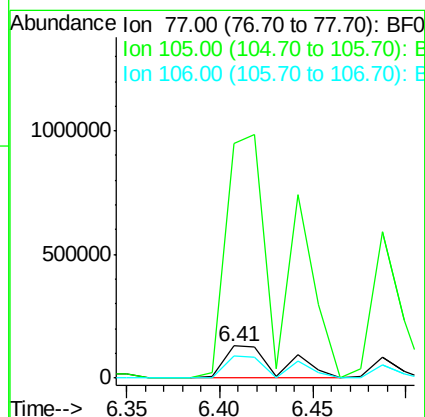
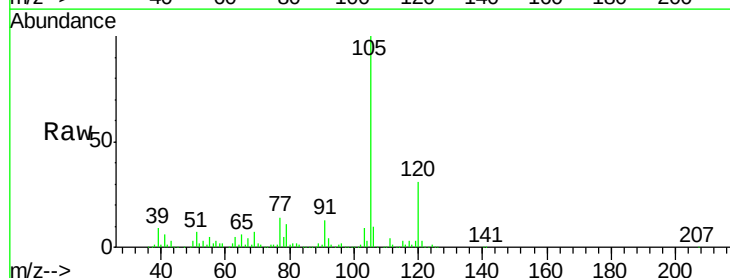
Tgt Ion: 77 Resp: 263326

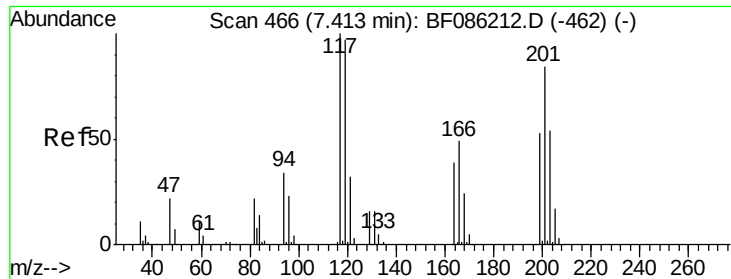
Ion Ratio Lower Upper

77 100

105 730.9 84.6 124.6#

106 70.8 78.6 118.6#





#18

Hexachloroethane

Concen: 21.41 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

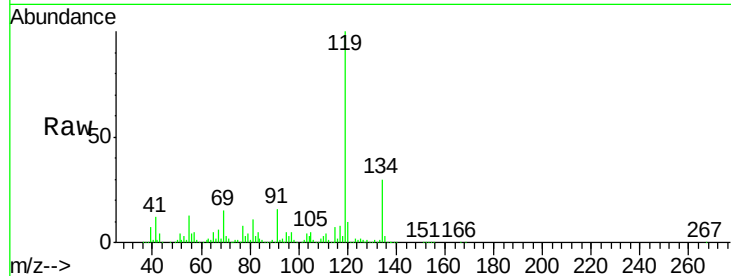
Tgt Ion:117 Resp: 144399

Ion Ratio Lower Upper

117 100

119 1258.0 78.2 117.4#

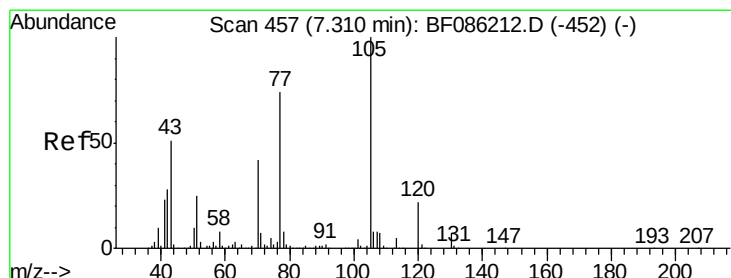
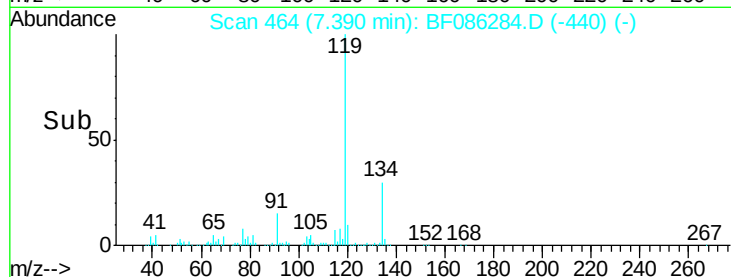
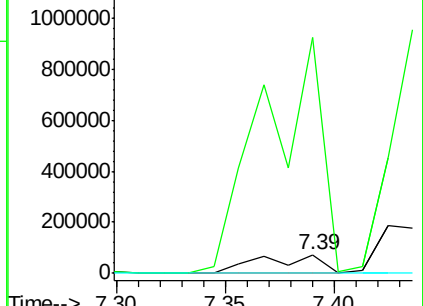
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 3.79 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Tgt Ion: 70 Resp: 47411

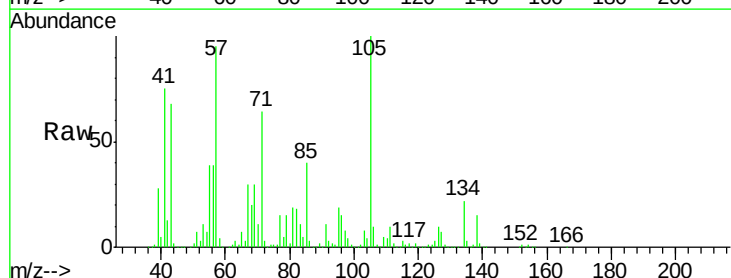
Ion Ratio Lower Upper

70 100

42 118.1 43.0 64.4#

101 1.6 8.1 12.1#

130 0.4 20.1 30.1#

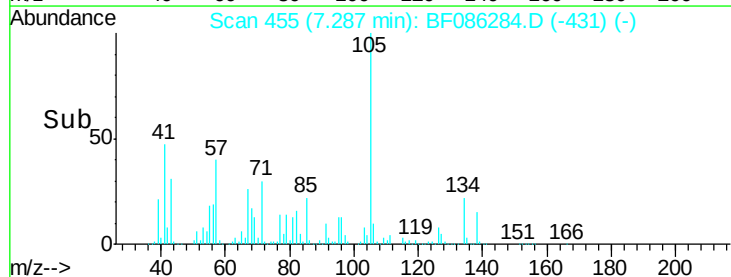
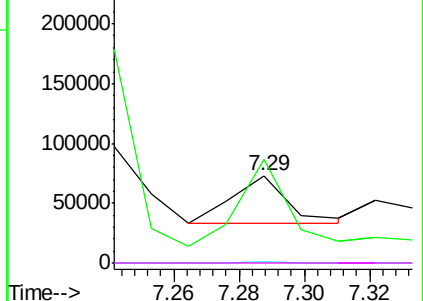


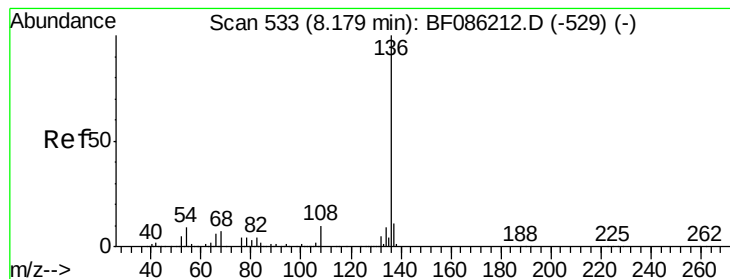
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

Tgt Ion:136 Resp: 439486

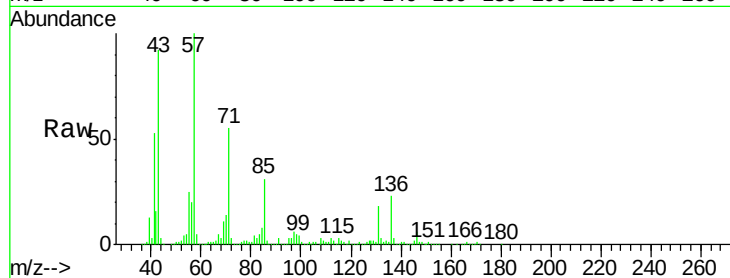
Ion Ratio Lower Upper

136 100

137 12.6 9.1 13.7

54 20.8 7.3 10.9#

68 14.9 5.7 8.5#

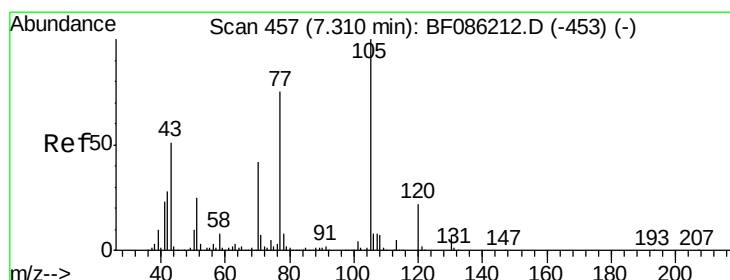
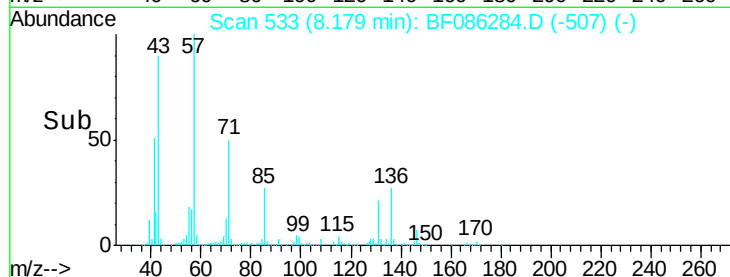
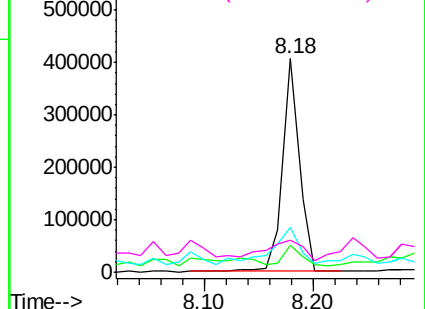


Abundance Ion 136.00 (135.70 to 136.70): E

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: 117.83 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Tgt Ion:105 Resp: 674318

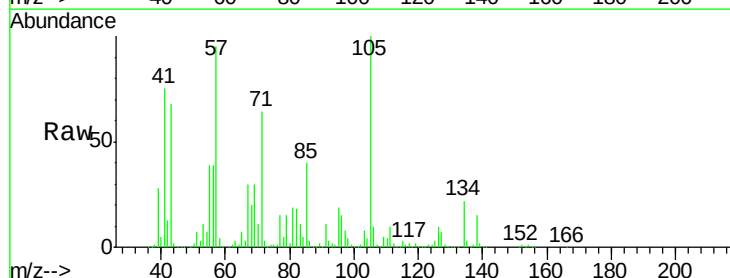
Ion Ratio Lower Upper

105 100

71 64.1 4.0 6.0#

51 6.6 22.0 33.0#

120 0.2 17.5 26.3#

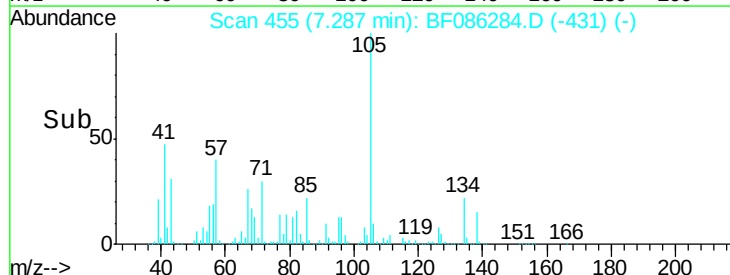
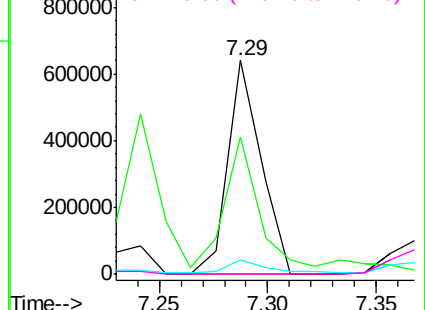


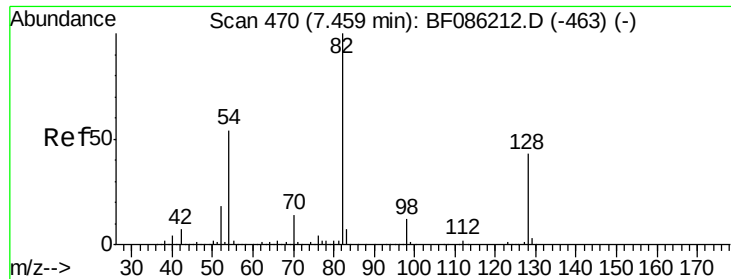
Abundance Ion 105.00 (104.70 to 105.70): E

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

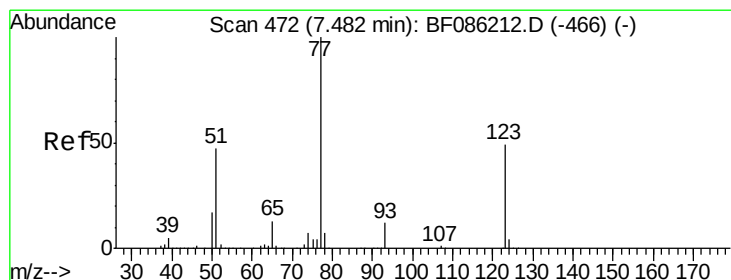
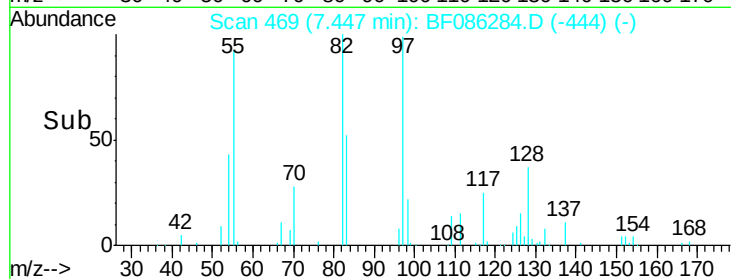
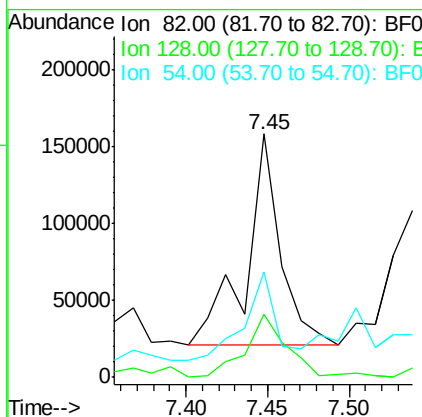
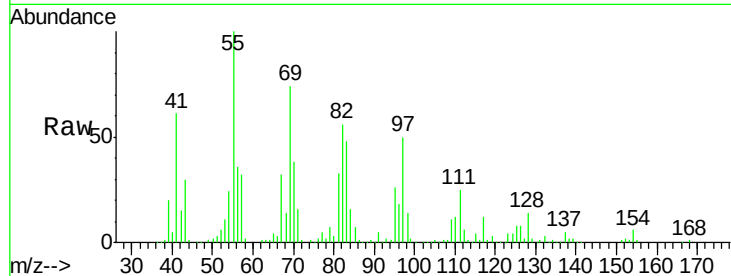




#23
 Nitrobenzene-d5
 Concen: 26.69 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

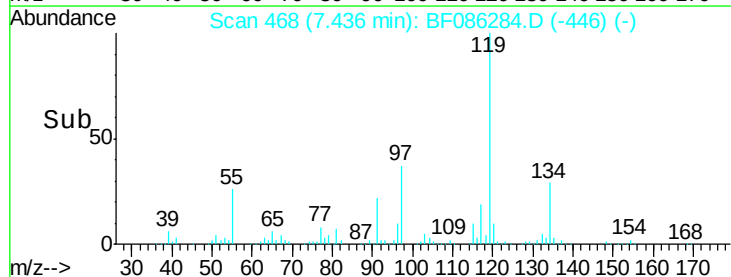
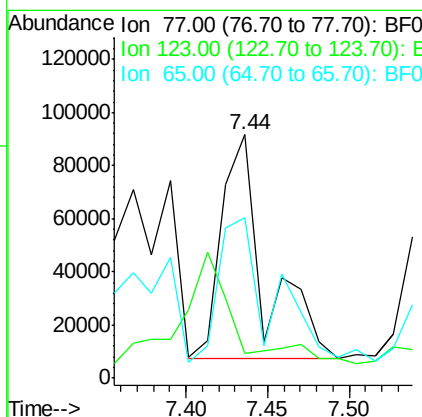
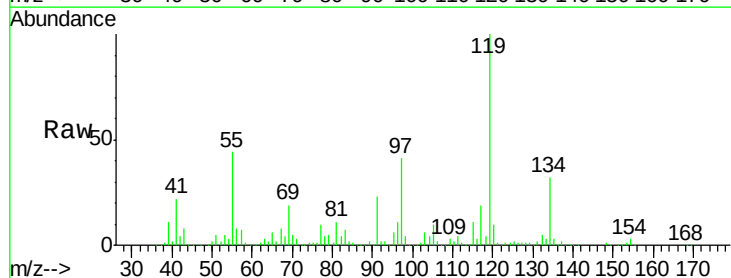
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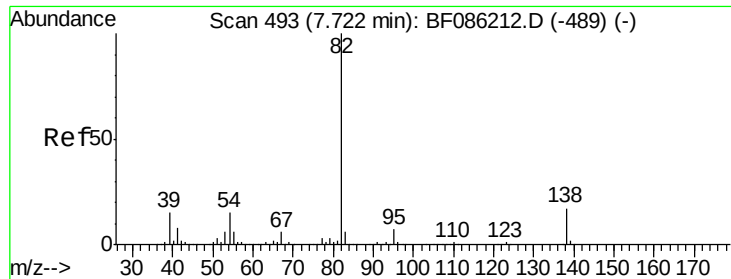
Tgt Ion: 82 Resp: 203333
 Ion Ratio Lower Upper
 82 100
 128 25.7 35.4 53.2#
 54 43.2 43.4 65.0#



#24
 Nitrobenzene
 Concen: 18.53 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion: 77 Resp: 154410
 Ion Ratio Lower Upper
 77 100
 123 10.0 38.3 57.5#
 65 65.9 11.3 16.9#

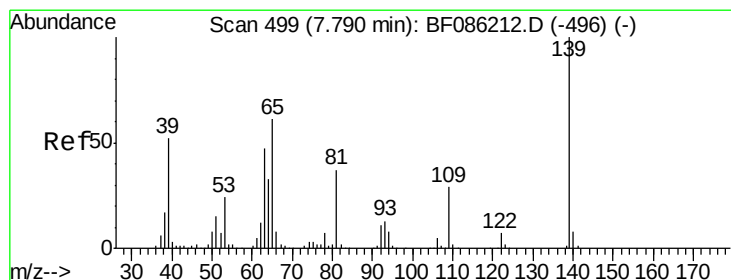
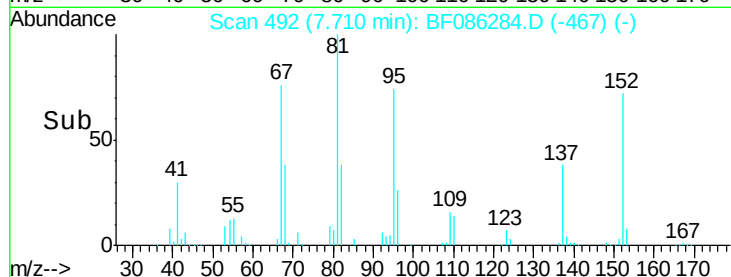
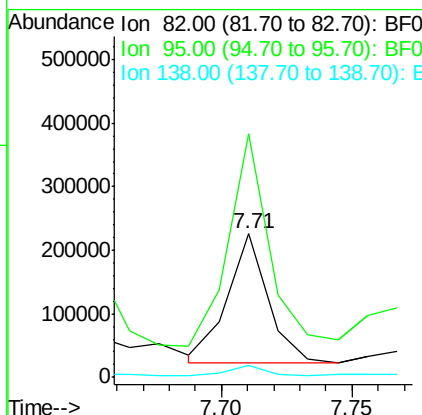
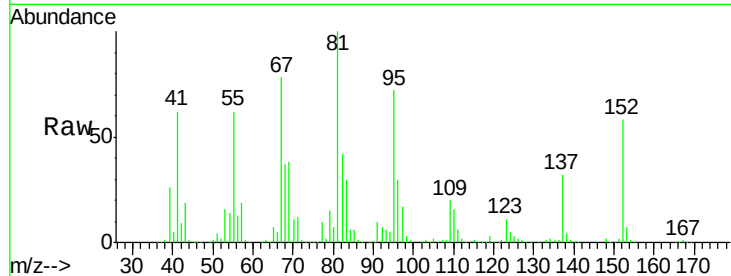




#25
Isophorone
Concen: 14.70 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

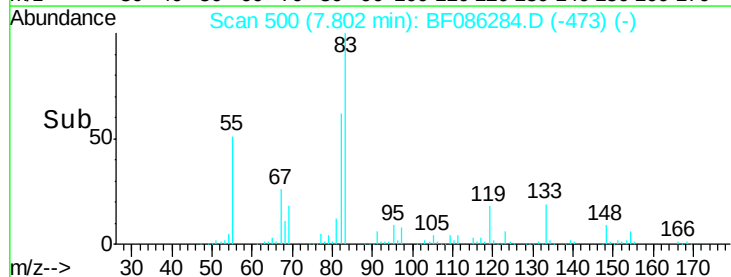
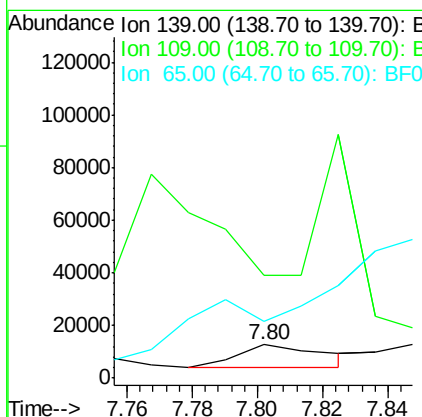
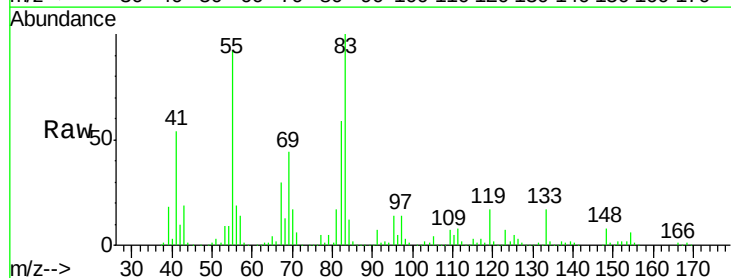
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TW-1-04062016

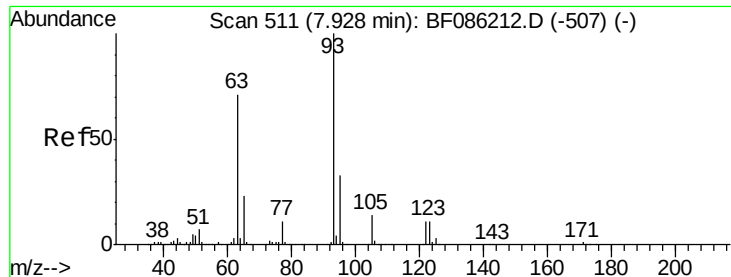
Tgt Ion: 82 Resp: 222325
Ion Ratio Lower Upper
82 100
95 170.1 5.4 8.2#
138 8.5 13.4 20.2#



#26
2-Nitrophenol
Concen: 4.28 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion: 139 Resp: 15543
Ion Ratio Lower Upper
139 100
109 309.2 25.8 38.8#
65 169.1 50.2 75.2#

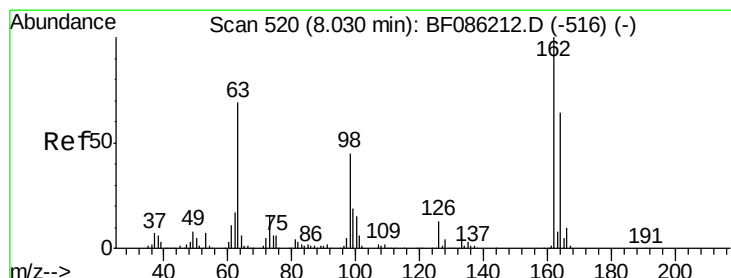
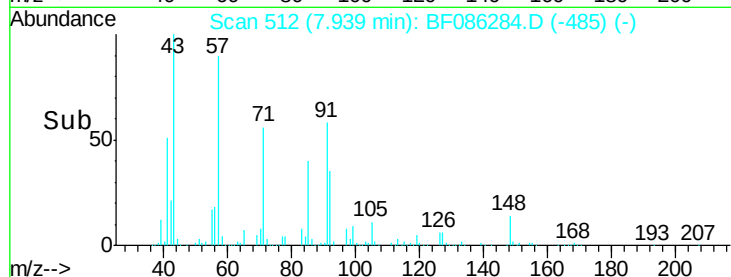
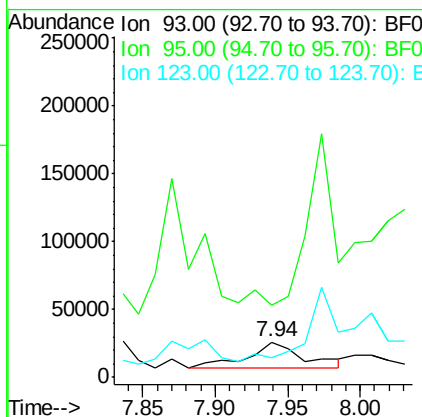
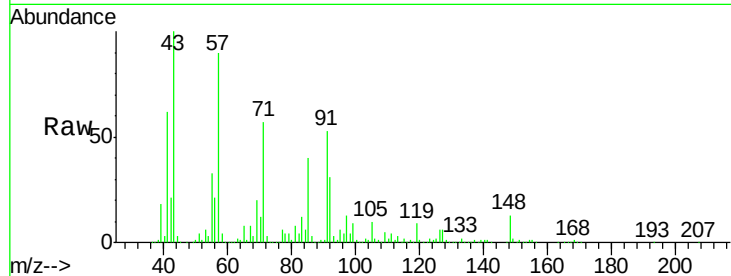




#28
bis(2-Chloroethoxy)methane
Concen: 5.92 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

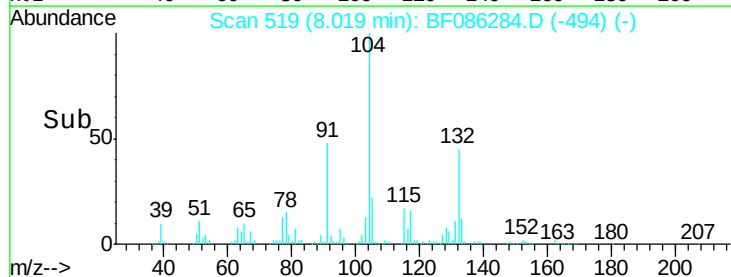
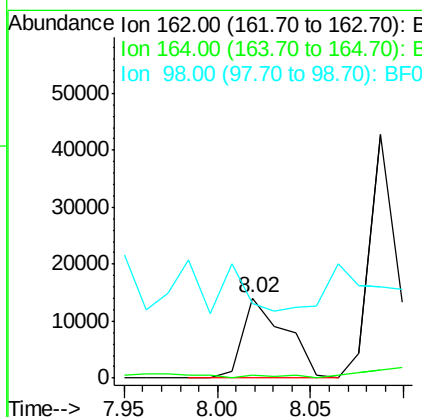
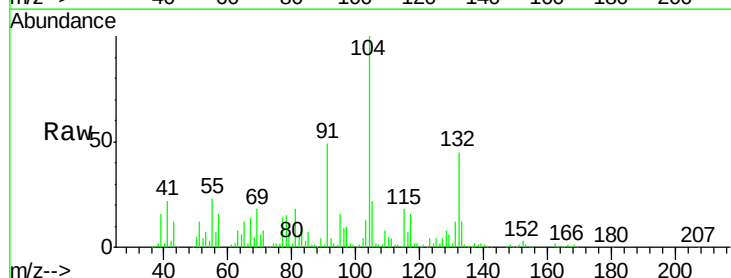
Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

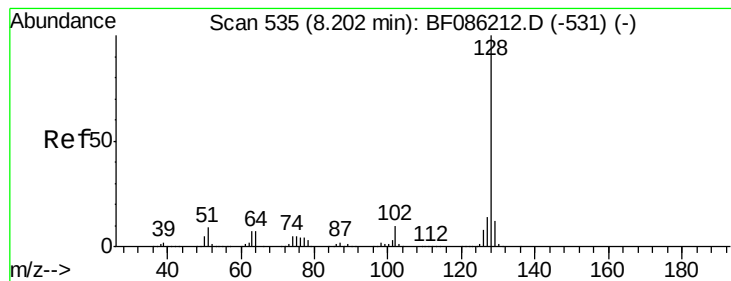
Tgt Ion: 93 Resp: 52645
Ion Ratio Lower Upper
93 100
95 207.6 25.8 38.8#
123 57.2 8.9 13.3#



#29
2,4-Dichlorophenol
Concen: 4.03 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion: 162 Resp: 22467
Ion Ratio Lower Upper
162 100
164 3.5 43.3 83.3#
98 93.4 22.9 62.9#





#31

Naphthalene

Concen: 33.43 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

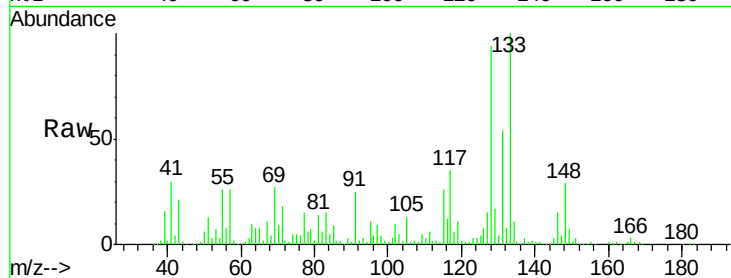
Tgt Ion:128 Resp: 656080

Ion Ratio Lower Upper

128 100

129 18.4 9.6 14.4#

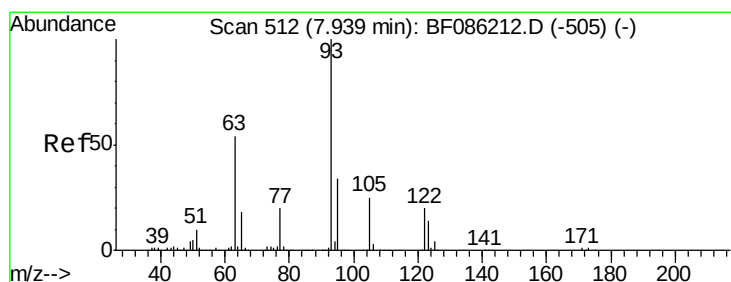
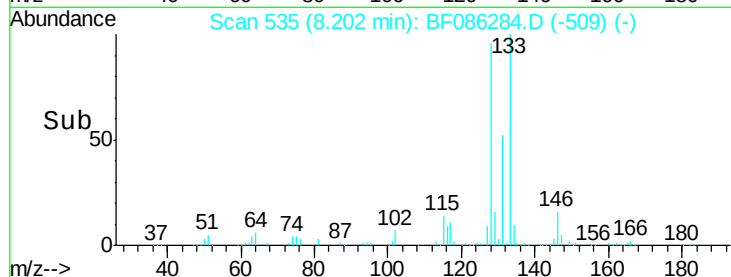
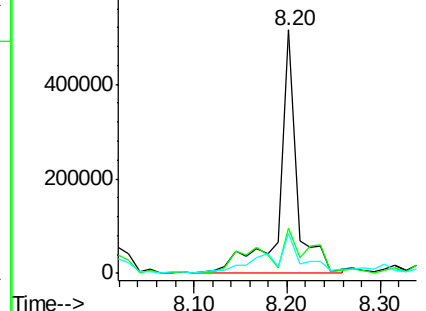
127 16.3 11.4 17.2



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: 3.96 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.03 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

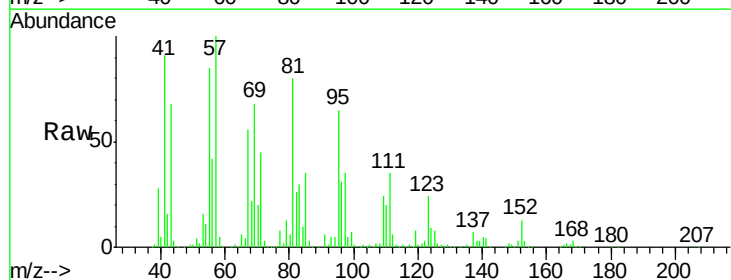
Tgt Ion:122 Resp: 18549

Ion Ratio Lower Upper

122 100

105 39.9 103.7 143.7#

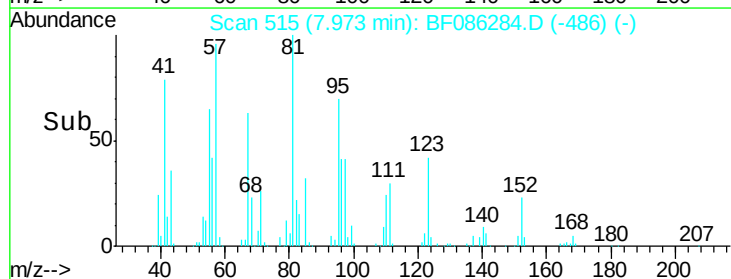
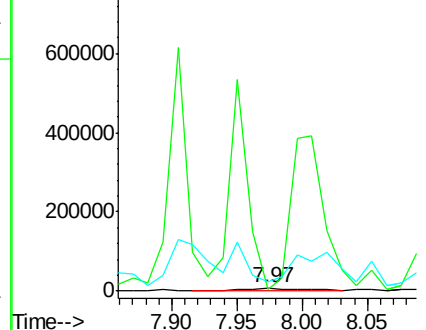
77 260.7 74.9 114.9#

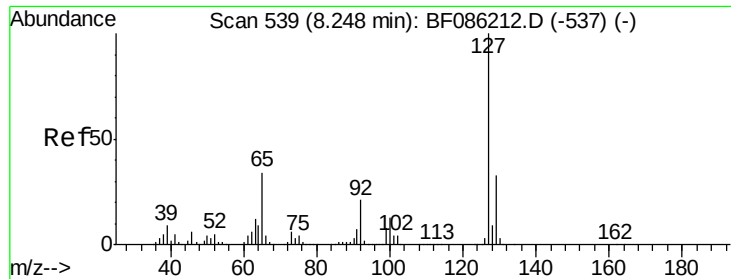


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

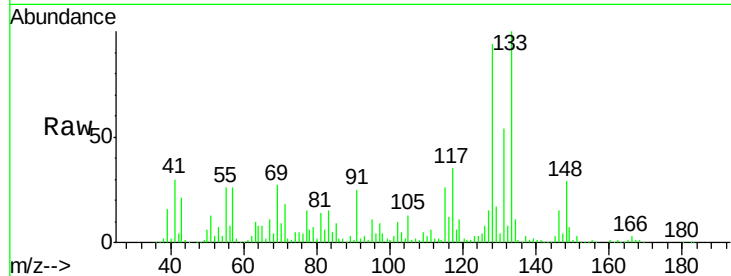




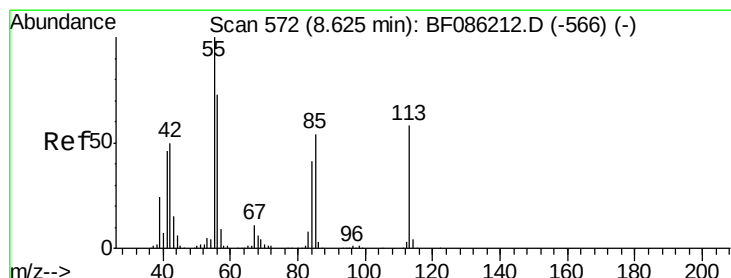
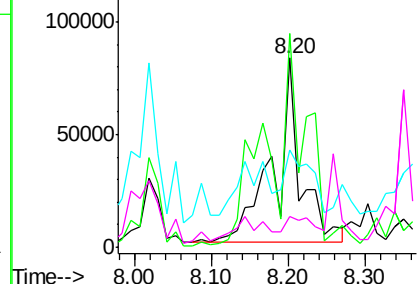
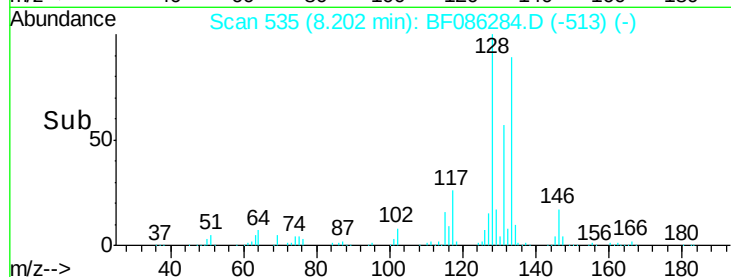
#33
4-Chloroaniline
Concen: 22.30 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:	127	Resp:	195579
Ion	Ratio	Lower	Upper
127	100		
129	113.0	26.8	40.2#
65	51.6	27.1	40.7#
92	16.3	16.2	24.2

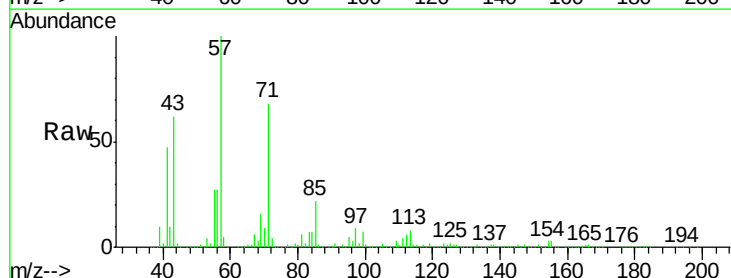


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

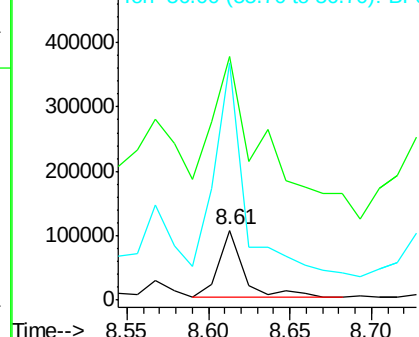
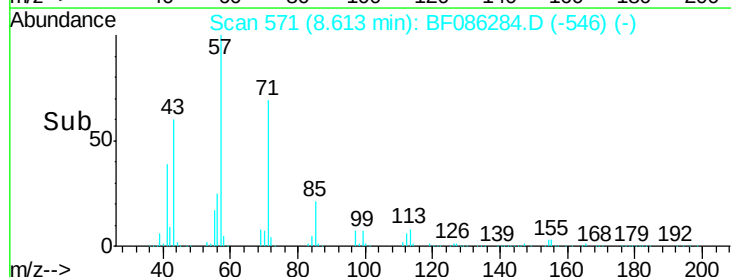


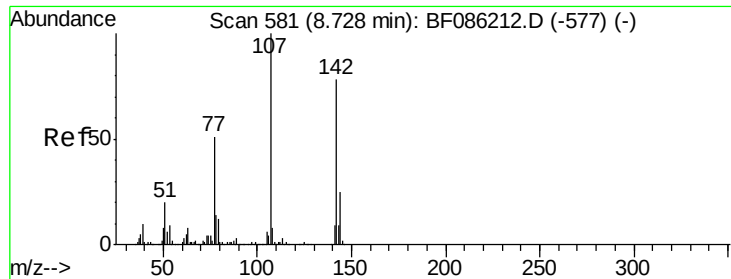
#35
Caprolactam
Concen: 52.66 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:	113	Resp:	106325
Ion	Ratio	Lower	Upper
113	100		
55	349.6	117.5	157.5#
56	340.2	82.5	122.5#



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

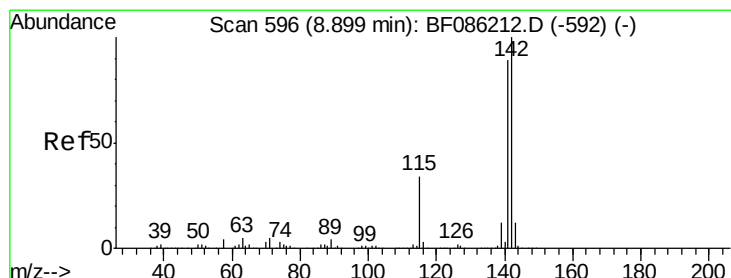
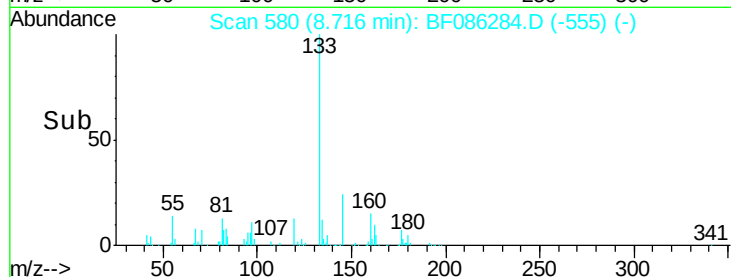
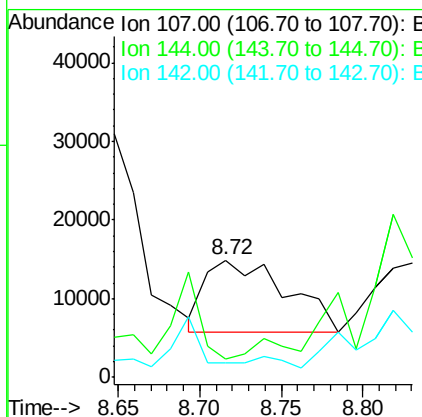
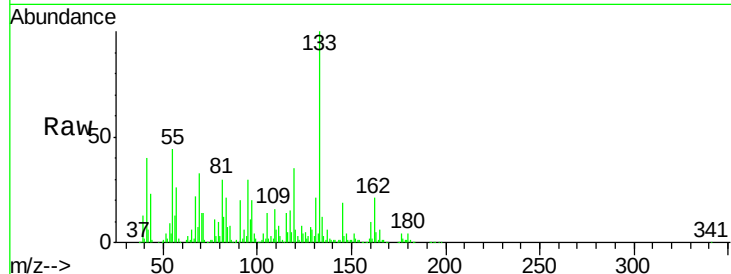




#36
 4-Chloro-3-methylphenol
 Concen: 4.84 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

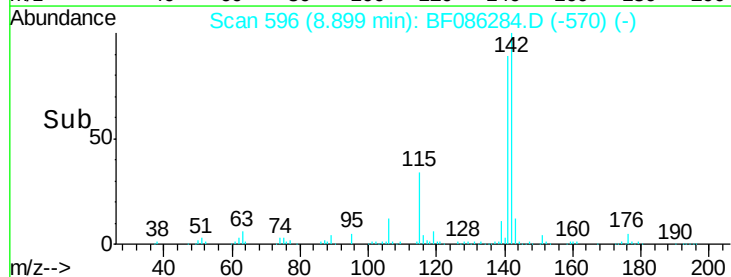
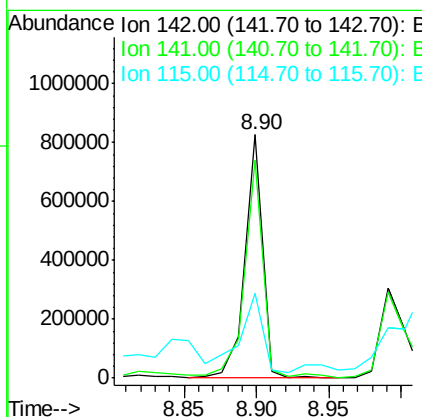
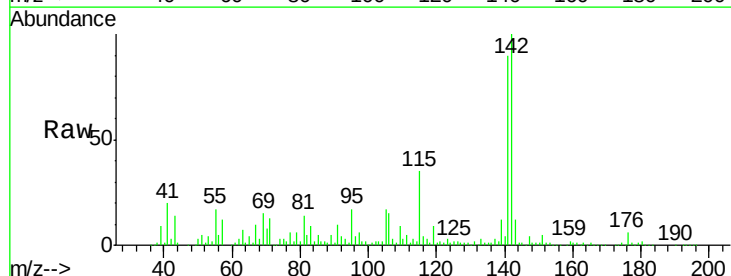
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

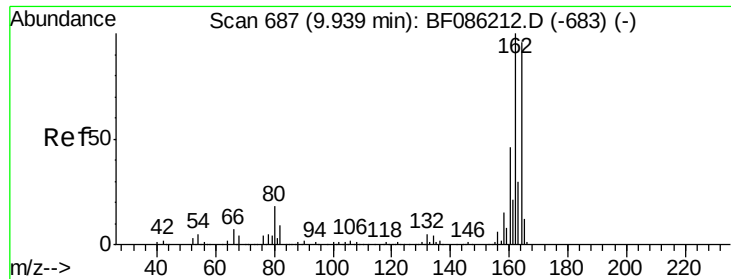
Tgt Ion:107 Resp: 31301
 Ion Ratio Lower Upper
 107 100
 144 15.1 20.7 31.1#
 142 12.8 64.5 96.7#



#37
 2-Methylnaphthalene
 Concen: 55.02 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion:142 Resp: 698170
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.1 106.7
 115 35.1 25.1 37.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

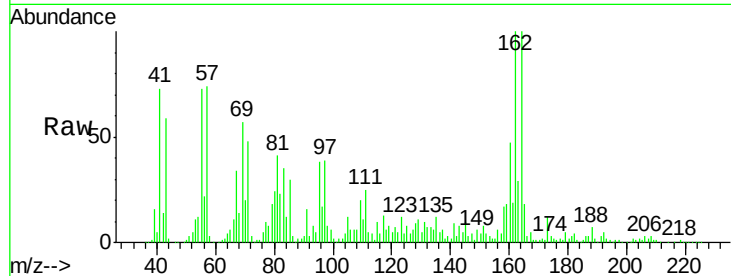
Tgt Ion:164 Resp: 349142

Ion Ratio Lower Upper

164 100

162 99.8 82.8 124.2

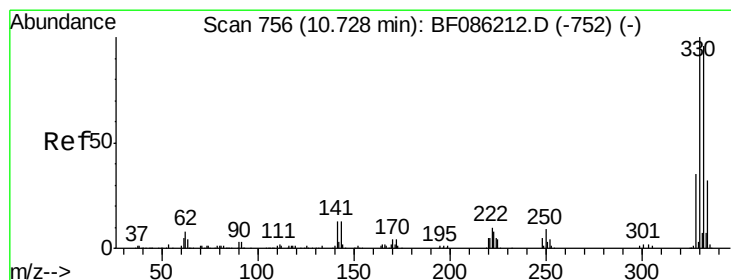
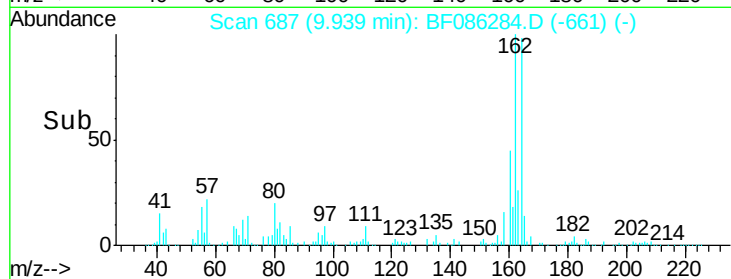
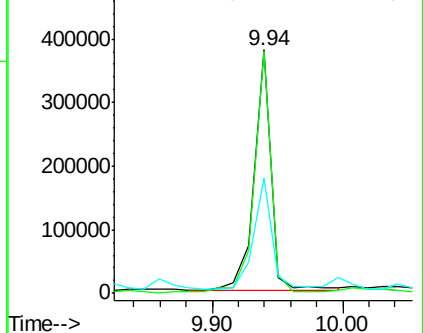
160 47.2 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 2.24 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

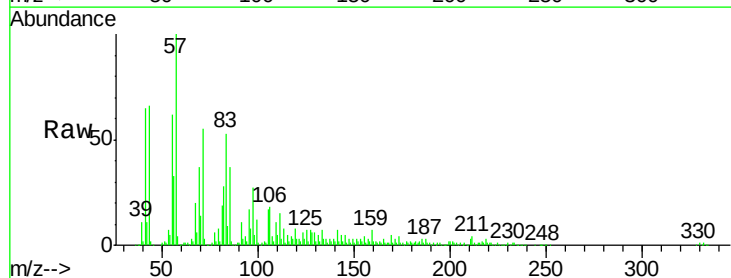
Tgt Ion:330 Resp: 6285

Ion Ratio Lower Upper

330 100

332 98.7 78.7 118.1

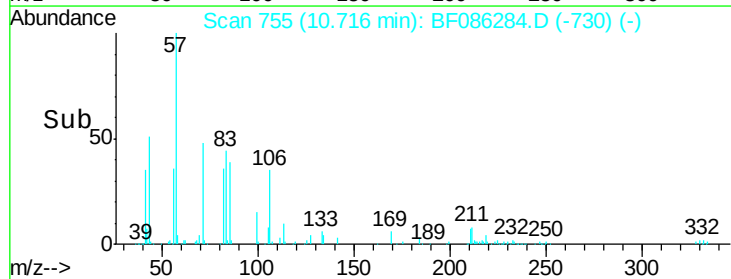
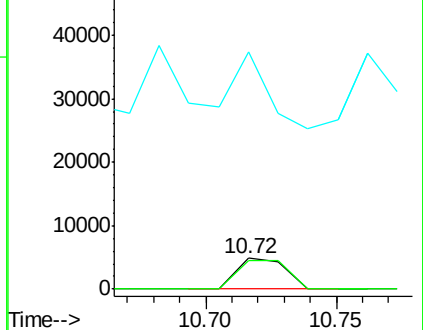
141 0.0 28.6 42.8#

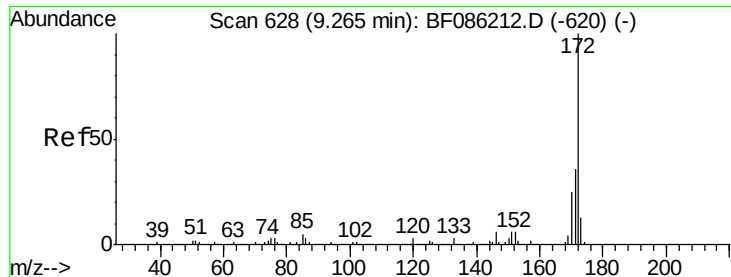


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 6.90 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

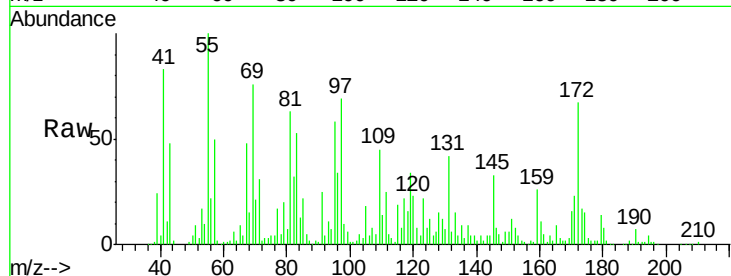
Tgt Ion:172 Resp: 130628

Ion Ratio Lower Upper

172 100

171 34.5 29.1 43.7

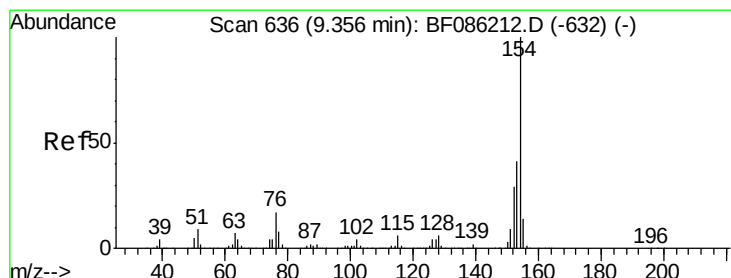
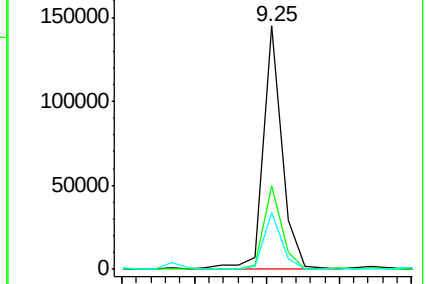
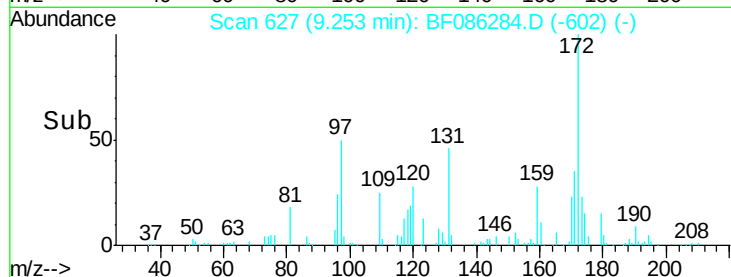
170 23.4 19.9 29.9



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



#45

1,1'-Biphenyl

Concen: 4.00 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

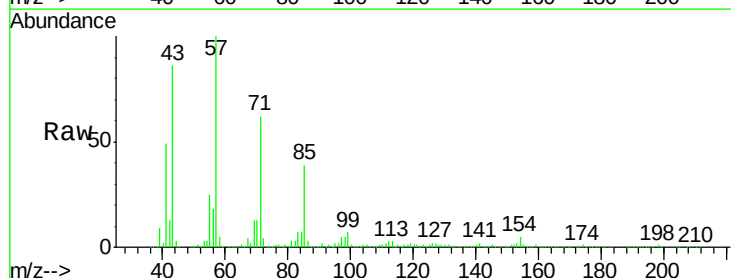
Tgt Ion:154 Resp: 100455

Ion Ratio Lower Upper

154 100

153 38.8 21.3 61.3

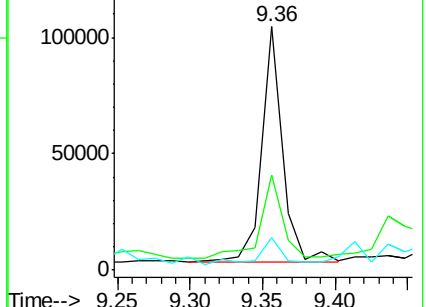
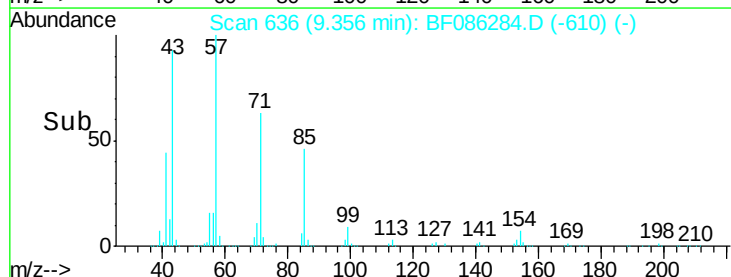
76 13.2 0.0 36.4

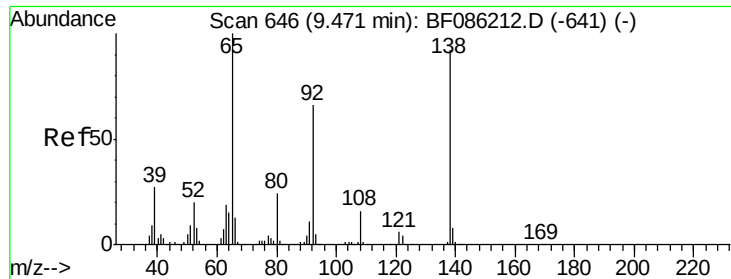


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

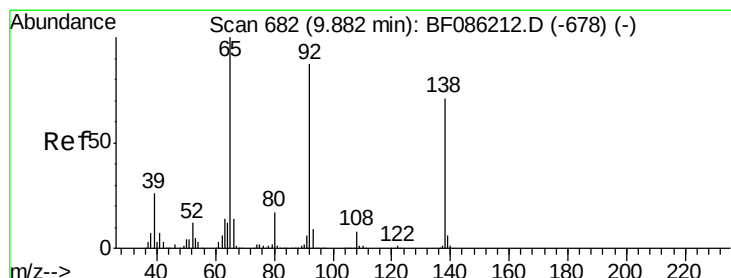
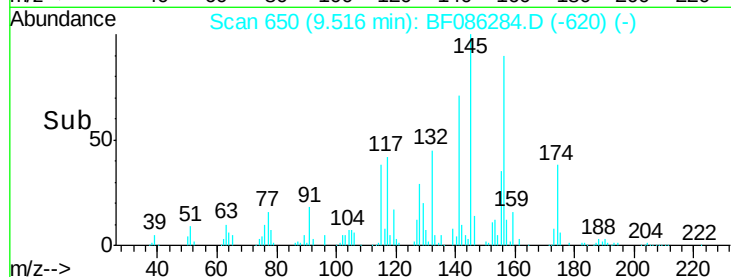
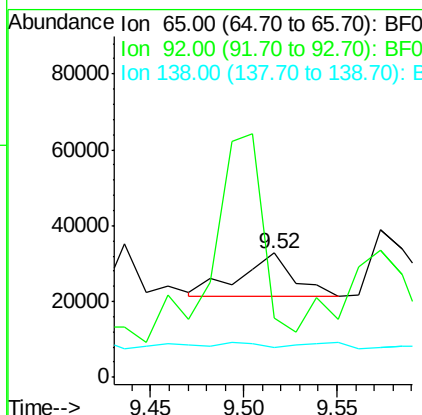
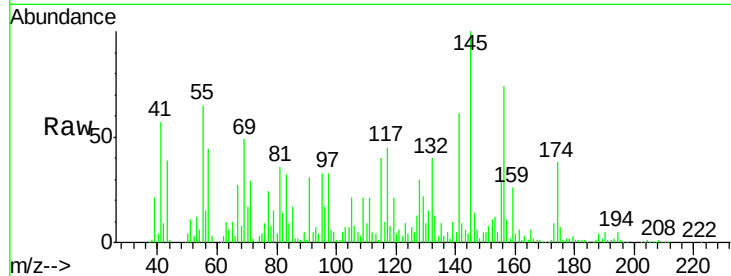




#47
 2-Nitroaniline
 Concen: 3.33 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.05 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

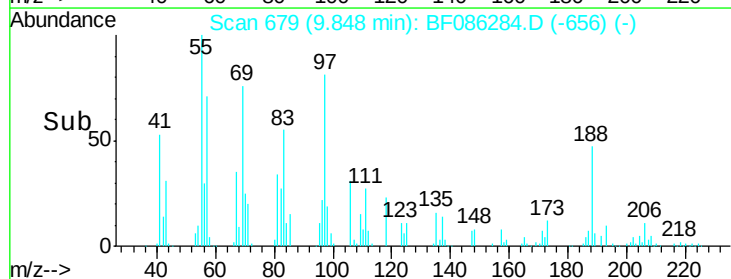
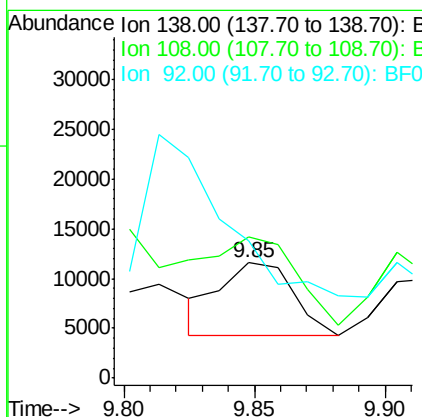
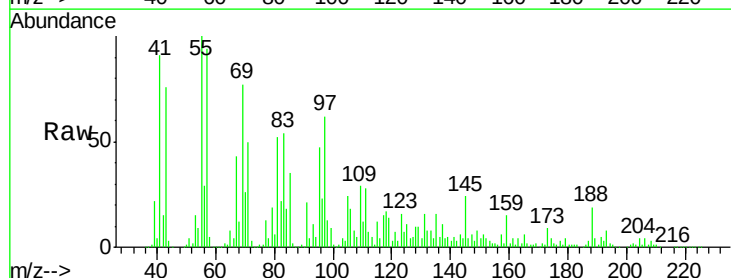
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

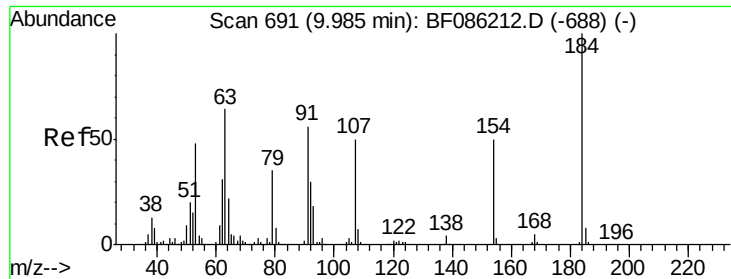
Tgt Ion: 65 Resp: 22123
 Ion Ratio Lower Upper
 65 100
 92 48.1 51.9 77.9#
 138 24.5 72.6 108.8#



#52
 3-Nitroaniline
 Concen: 2.07 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion: 138 Resp: 14159
 Ion Ratio Lower Upper
 138 100
 108 123.2 9.0 13.4#
 92 119.2 99.3 148.9

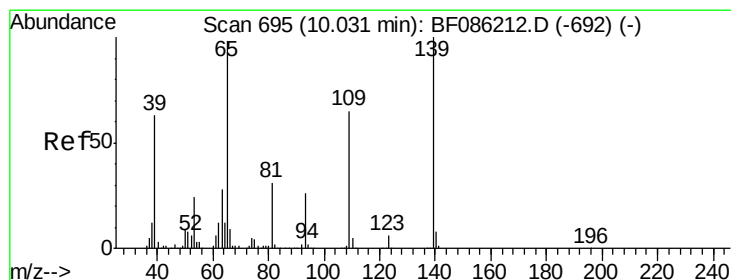
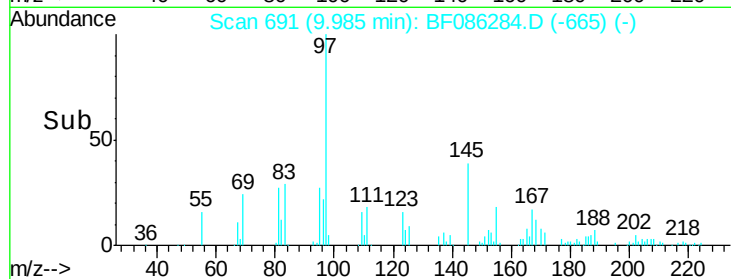
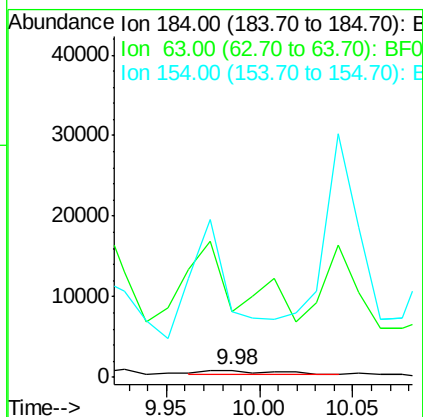
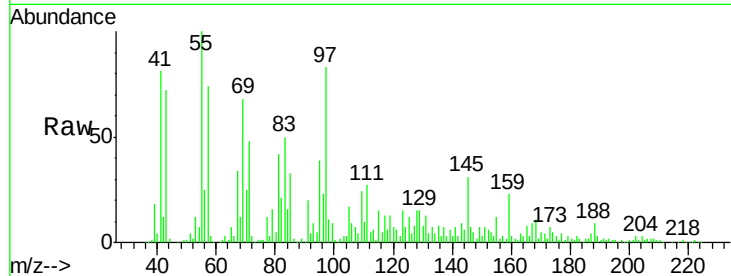




#53
 2,4-Dinitrophenol
 Concen: 5.02 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

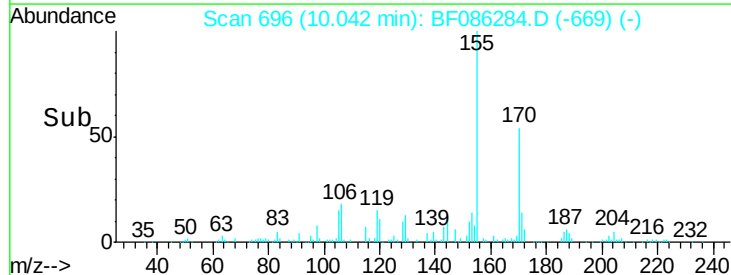
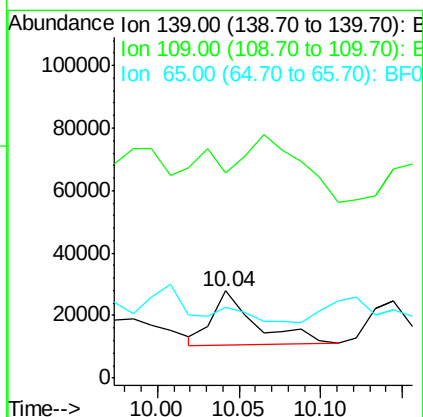
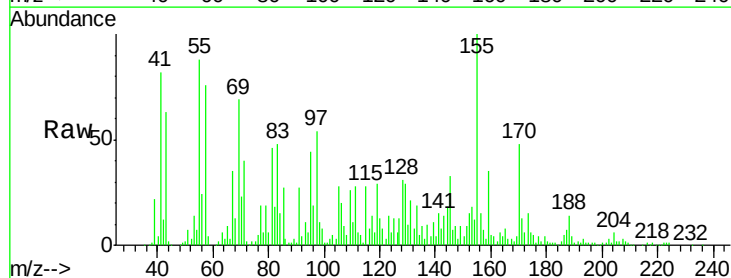
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

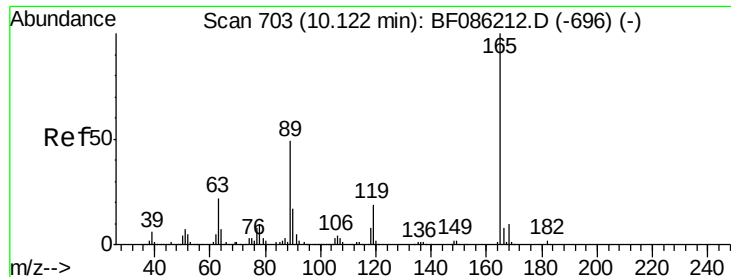
Tgt Ion:184 Resp: 1566
 Ion Ratio Lower Upper
 184 100
 63 888.5 64.7 97.1#
 154 892.7 59.4 89.2#



#55
 4-Nitrophenol
 Concen: 6.05 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion:139 Resp: 32327
 Ion Ratio Lower Upper
 139 100
 109 235.0 55.0 95.0#
 65 80.6 87.3 127.3#

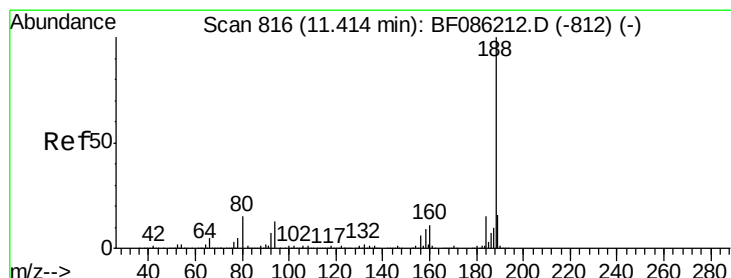
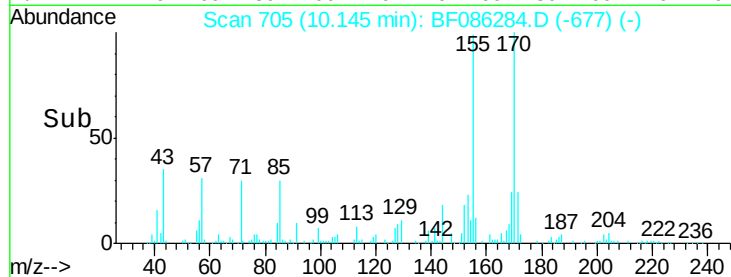
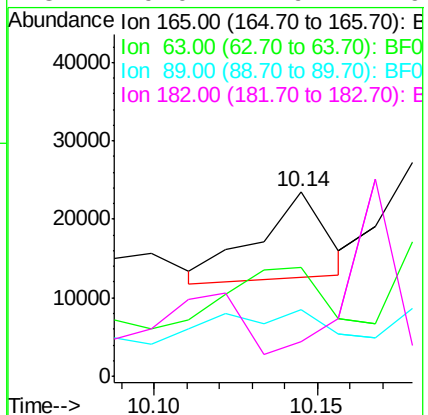
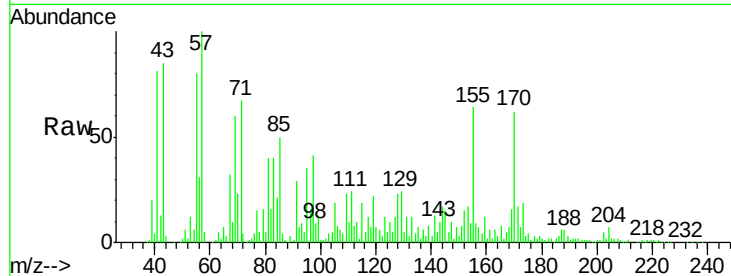




#56
 2,4-Dinitrotoluene
 Concen: 2.26 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.02 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

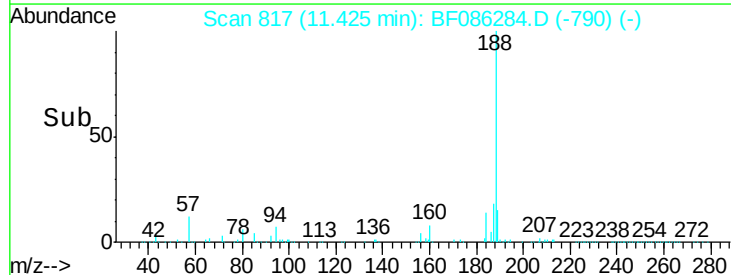
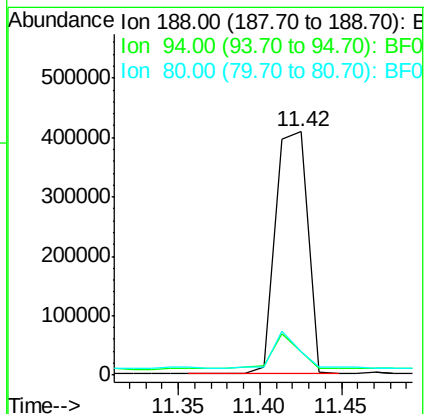
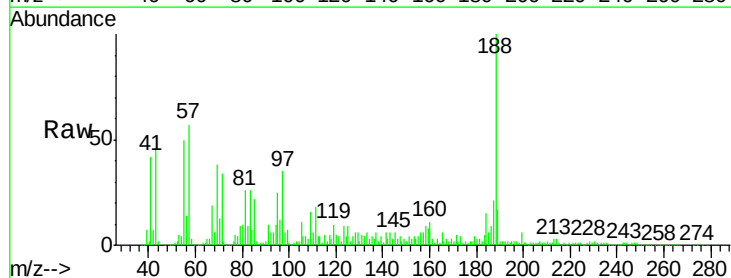
Instrument :
 BNA_F
 ClientSampleId :
 TW-1-04062016

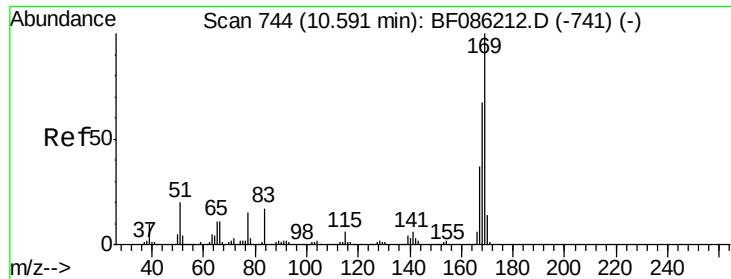
Tgt Ion:165 Resp: 16233
 Ion Ratio Lower Upper
 165 100
 63 58.9 26.6 40.0#
 89 36.1 49.5 74.3#
 182 19.0 1.9 2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF086284.D
 Acq: 18 Apr 2016 16:16

Tgt Ion:188 Resp: 562336
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.8 14.8#
 80 9.6 10.5 15.7#





#65

n-Nitrosodiphenylamine

Concen: 8.38 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

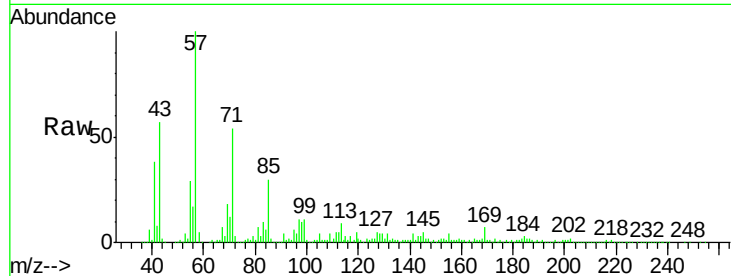
Tgt Ion:169 Resp: 144273

Ion Ratio Lower Upper

169 100

168 32.5 54.3 81.5#

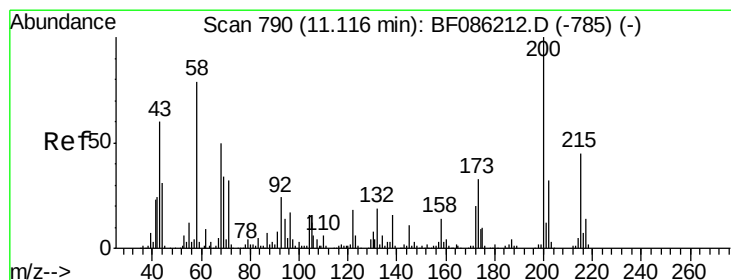
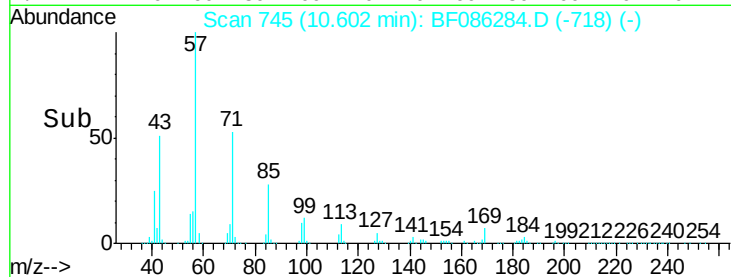
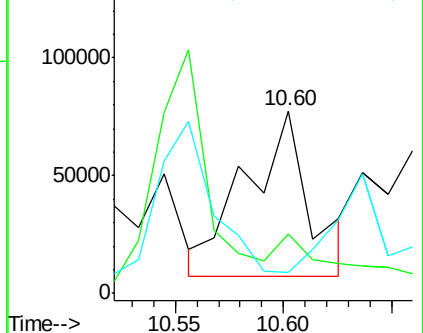
167 11.5 30.2 45.2#



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: 8.00 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.02 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

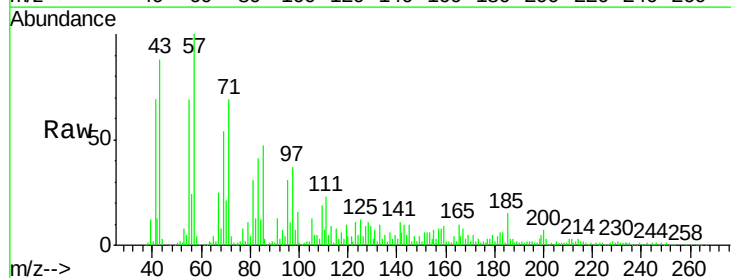
Tgt Ion:200 Resp: 42219

Ion Ratio Lower Upper

200 100

173 49.5 11.2 51.2

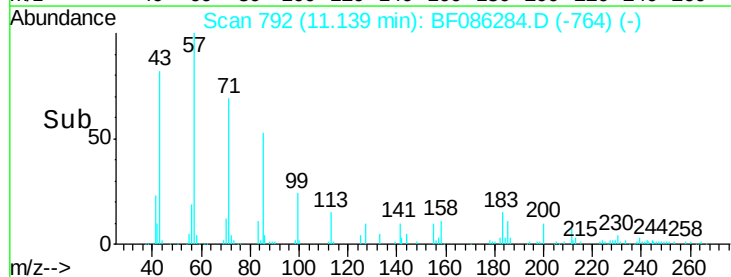
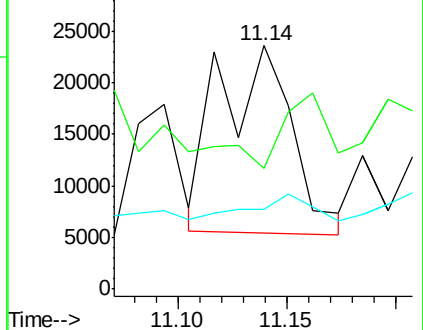
215 32.6 24.0 64.0

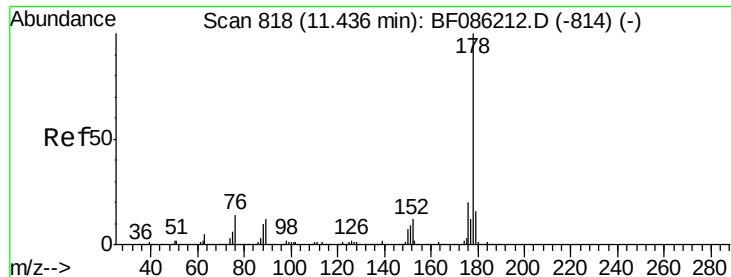


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 2.87 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

Instrument :

BNA_F

ClientSampleId :

TW-1-04062016

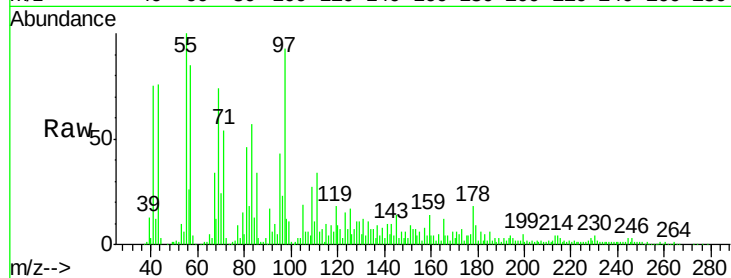
Tgt Ion:178 Resp: 77097

Ion Ratio Lower Upper

178 100

176 24.4 16.3 24.5

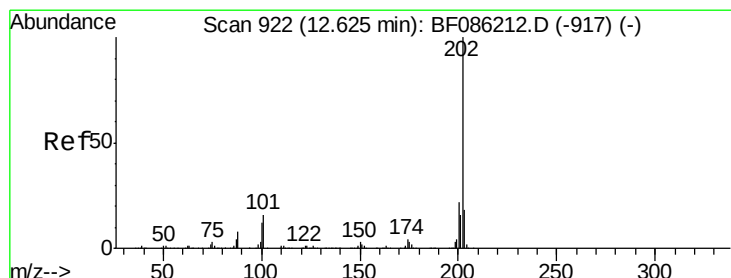
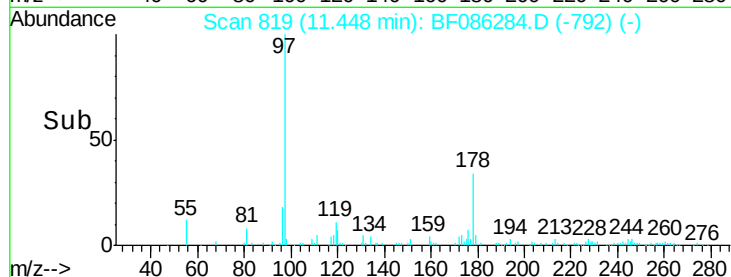
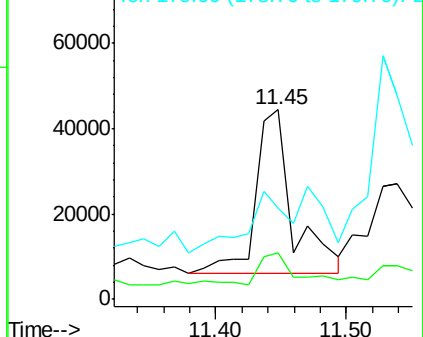
179 48.5 13.0 19.6#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.85 min Scan# 942

Delta R.T. 0.23 min

Lab File: BF086284.D

Acq: 18 Apr 2016 16:16

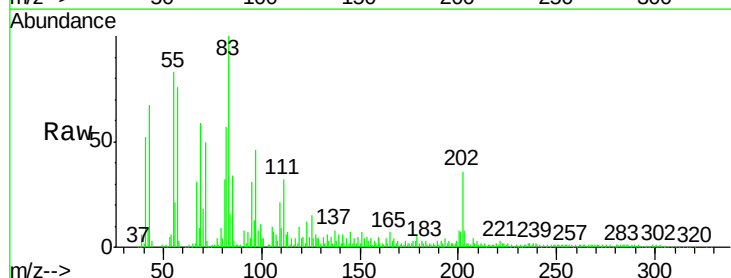
Tgt Ion:202 Resp: 61339

Ion Ratio Lower Upper

202 100

101 12.0 0.0 35.2

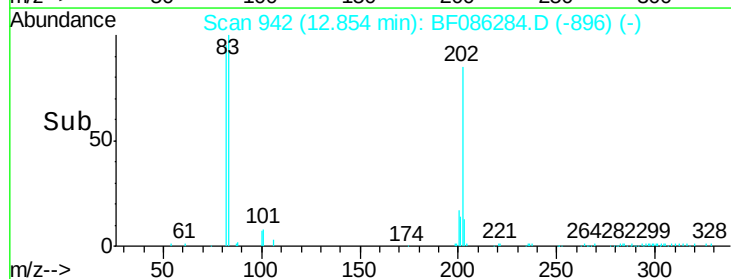
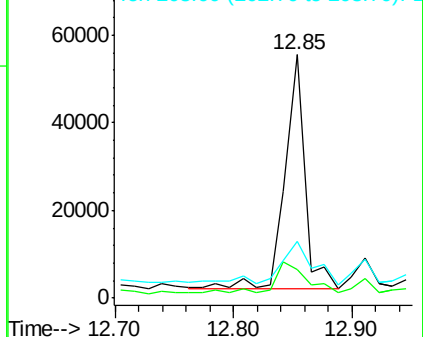
203 23.2 0.0 38.2

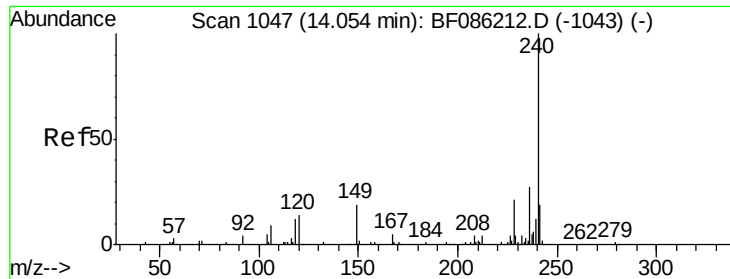


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

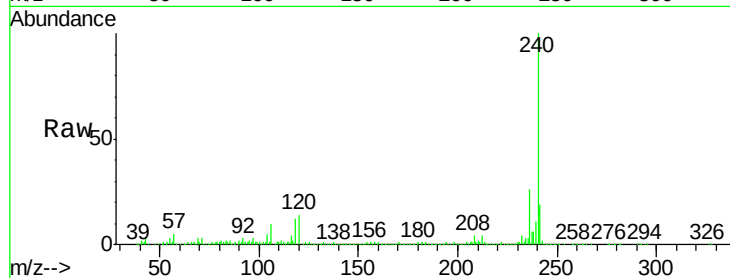




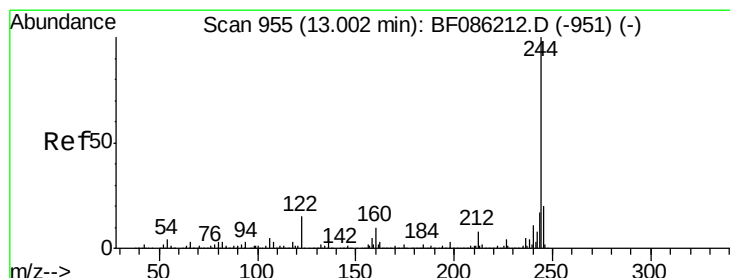
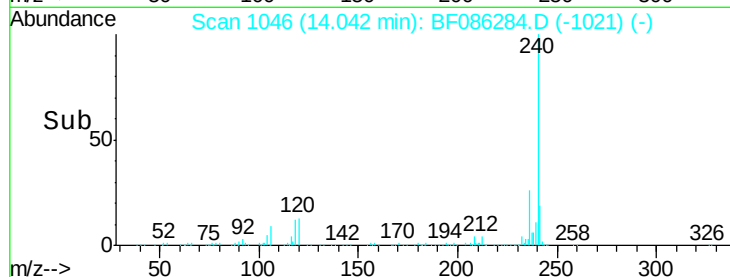
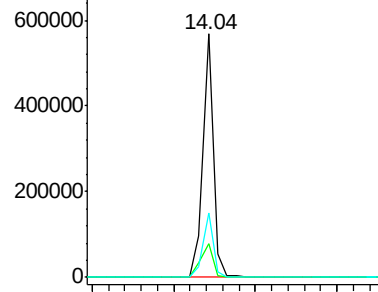
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion:240 Resp: 503904
Ion Ratio Lower Upper
240 100
120 13.6 9.3 13.9
236 26.4 21.1 31.7

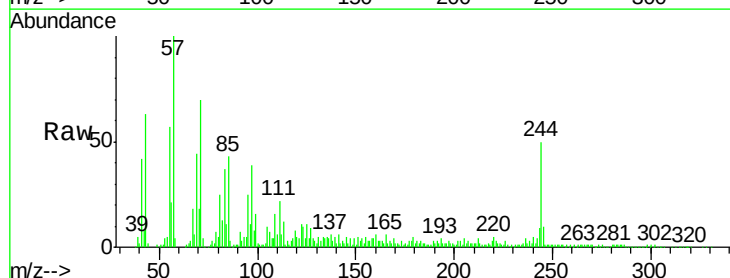


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

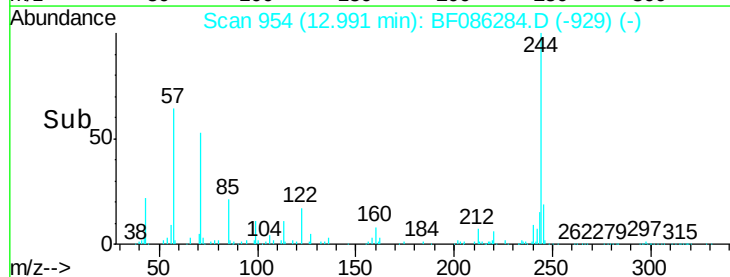
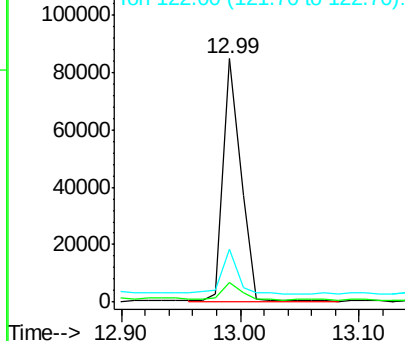


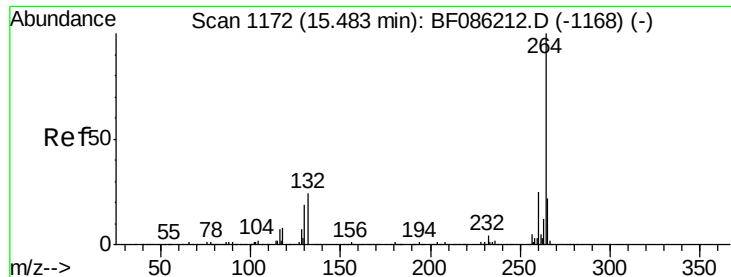
#78
Terphenyl-d14
Concen: 4.41 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Tgt Ion:244 Resp: 88438
Ion Ratio Lower Upper
244 100
212 8.2 6.4 9.6
122 21.7 11.7 17.5#



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: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF086284.D
Acq: 18 Apr 2016 16:16

Instrument :
BNA_F
ClientSampleId :
TW-1-04062016

Tgt Ion: 264 Resp: 514806
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 21.8 17.4 26.0

