

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086057.D
 Acq On : 5 Apr 2016 00:29
 Operator : UM/SJ
 Sample : H2104-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Apr 05 01:08:09 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	6.76	152	103201	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	378198	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	156141	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	239390	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	191724	20.00	ng	-0.01
86) Perylene-d12	15.32	264	148703	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	738570	122.33	ng	0.00
7) Phenol-d6	6.42	99	970814	126.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	542225	84.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	139566	95.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	870947	92.74	ng	-0.01
78) Terphenyl-d14	12.86	244	575436	70.55	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.53	93	671	0.07	ng	# 1
9) Benzaldehyde	6.53	77	14715	3.57	ng	# 81
10) Phenol	6.43	94	3814	0.44	ng	# 43
11) bis(2-Chloroethyl)ether	6.53	93	671	0.10	ng	# 1
15) Benzyl Alcohol	6.92	79	9613	1.94	ng	# 43
19) n-Nitroso-di-n-propylamine	7.33	70	72321	15.21	ng	# 76
24) Nitrobenzene	7.33	77	1485	0.21	ng	# 36
25) Isophorone	7.33	82	439364	34.71	ng	# 68
31) Naphthalene	8.08	128	2932	0.15	ng	# 96
33) 4-Chloroaniline	8.08	127	228	0.03	ng	# 24
37) 2-Methylnaphthalene	8.77	142	1240	0.10	ng	# 89
45) 1,1'-Biphenyl	9.23	154	289	0.02	ng	# 42
47) 2-Nitroaniline	9.52	65	1206	0.42	ng	# 1
48) Acenaphthylene	9.66	152	2042	0.13	ng	# 98
49) Dimethylphthalate	9.53	163	101413	8.76	ng	# 98
50) 2,6-Dinitrotoluene	9.53	165	1098	0.45	ng	# 43
51) Acenaphthene	9.84	154	2007	0.22	ng	# 95
54) Dibenzofuran	10.01	168	1212	0.10	ng	# 78
55) 4-Nitrophenol	10.01	139	399	0.23	ng	# 10
56) 2,4-Dinitrotoluene	9.80	165	19487	6.30	ng	# 37
57) Fluorene	10.35	166	1307	0.12	ng	# 95
59) Diethylphthalate	10.22	149	435	0.04	ng	# 59
62) Azobenzene	10.59	77	1083	0.10	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.59	198	293	0.20	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	231	0.03	ng	# 24
66) 4-Bromophenyl-phenylether	10.59	248	9904	4.05	ng	# 1
70) Phenanthrene	11.31	178	25892	1.98	ng	# 97
71) Anthracene	11.37	178	5732	0.42	ng	# 97
72) Carbazole	11.53	167	3311	0.28	ng	# 97
73) Di-n-butylphthalate	11.85	149	1390	0.10	ng	# 78
74) Fluoranthene	12.50	202	42525	3.13	ng	# 90
77) Pyrene	12.73	202	38739	2.87	ng	# 96
79) Butylbenzylphthalate	13.36	149	1434	0.24	ng	# 4
80) Benzo(a)anthracene	13.90	228	23220	2.05	ng	# 97

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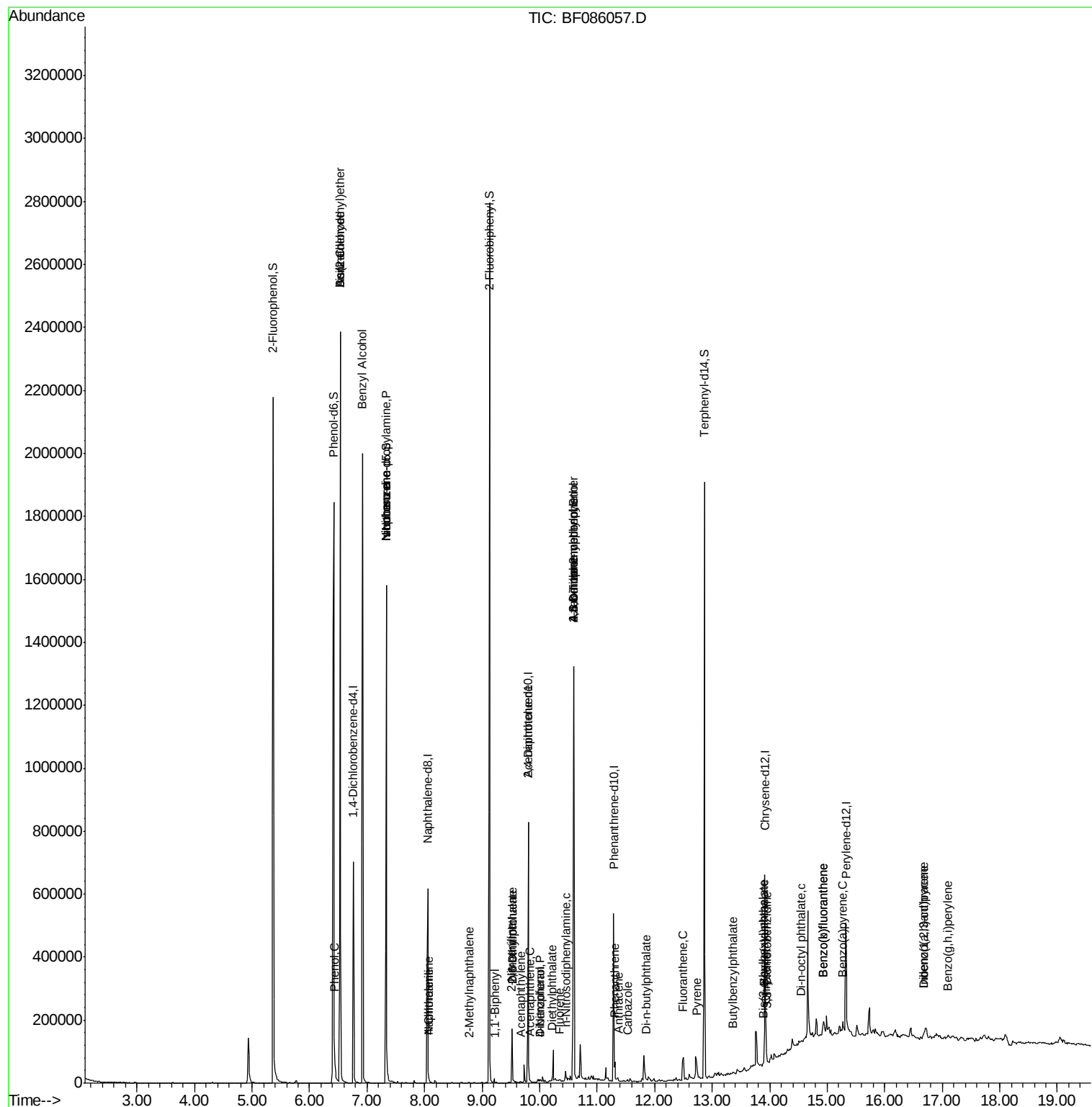
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	13.95	252	206	0.02	ng	# 27
82) Chrysene	13.94	228	17753	1.63	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	2024	0.25	ng	# 90
84) Di-n-octyl phthalate	14.55	149	755	0.06	ng	# 78
85) Indeno(1,2,3-cd)pyrene	16.68	276	10100	1.14	ng	# 87
87) Benzo(b)fluoranthene	14.93	252	31248	3.34	ng	# 93
88) Benzo(k)fluoranthene	14.93	252	31248	3.77	ng	# 91
89) Benzo(a)pyrene	15.27	252	15804	1.91	ng	# 79
90) Dibenzo(a,h)anthracene	16.68	278	2506	0.38	ng	# 45
91) Benzo(g,h,i)perylene	17.09	276	8721	1.35	ng	# 81

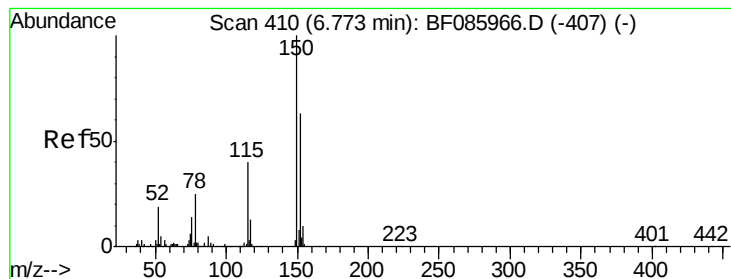
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

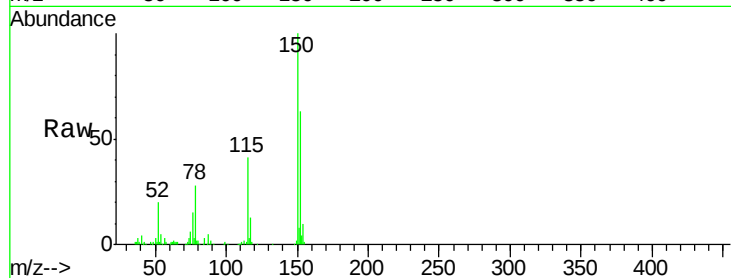
Tgt Ion:152 Resp: 103201

Ion Ratio Lower Upper

152 100

150 159.1 124.2 186.2

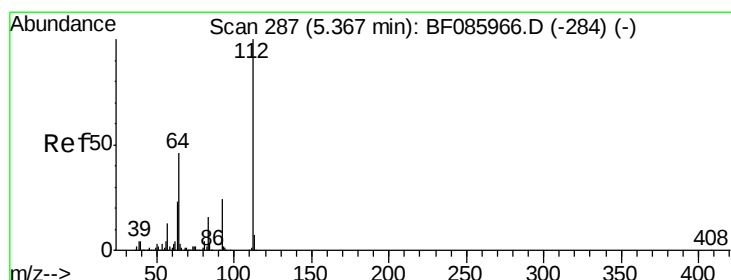
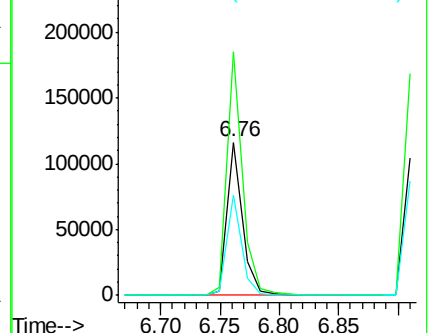
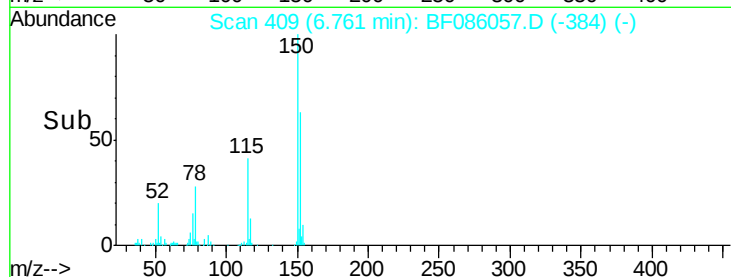
115 65.5 47.0 70.6



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: 122.33 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

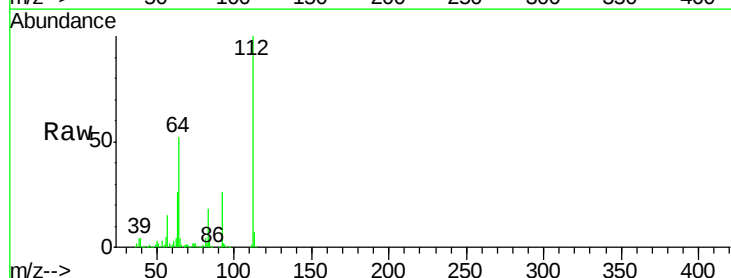
Tgt Ion:112 Resp: 738570

Ion Ratio Lower Upper

112 100

64 52.1 39.9 59.9

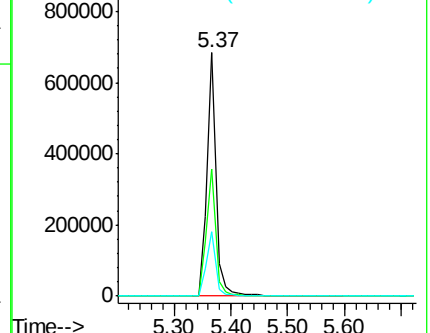
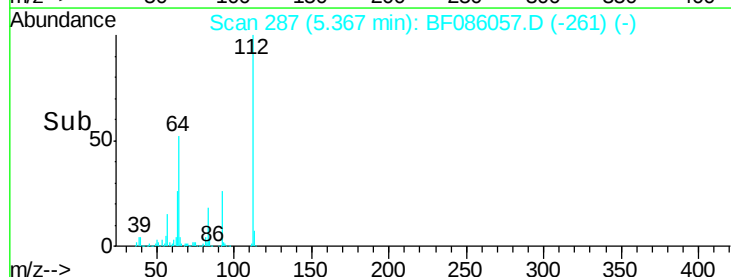
63 26.4 20.2 30.2

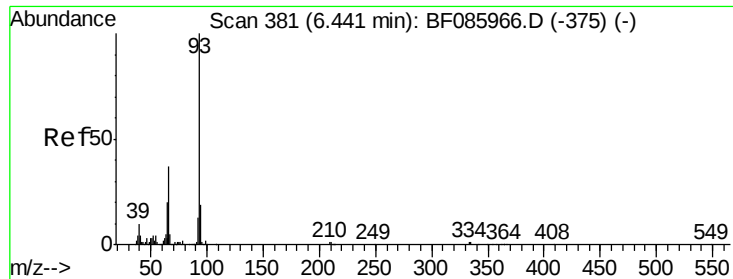


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.09 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

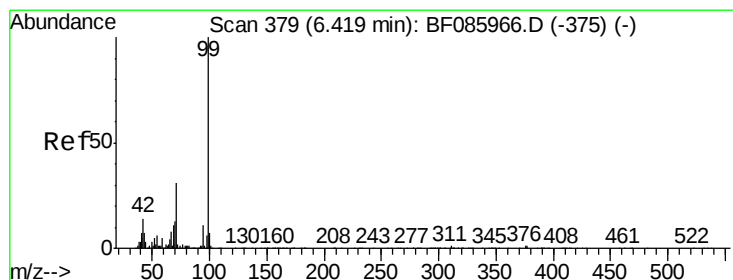
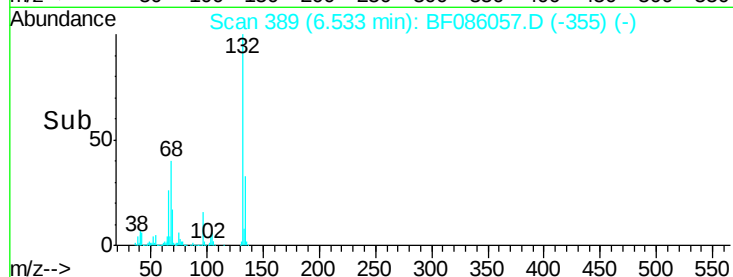
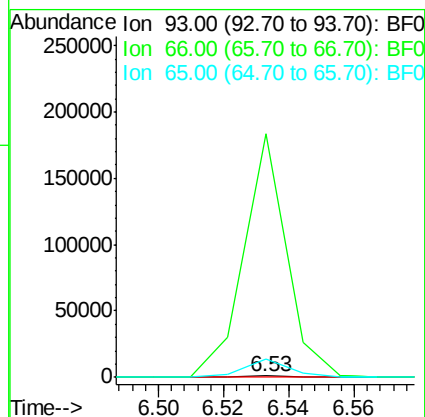
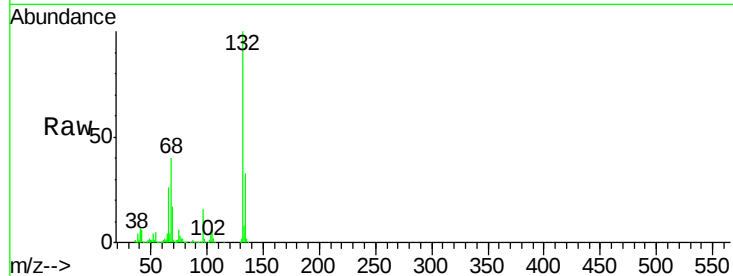
Tgt Ion: 93 Resp: 671

Ion Ratio Lower Upper

93 100

66 18742.4 31.4 47.2#

65 1433.2 15.7 23.5#



#7

Phenol-d6

Concen: 126.59 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

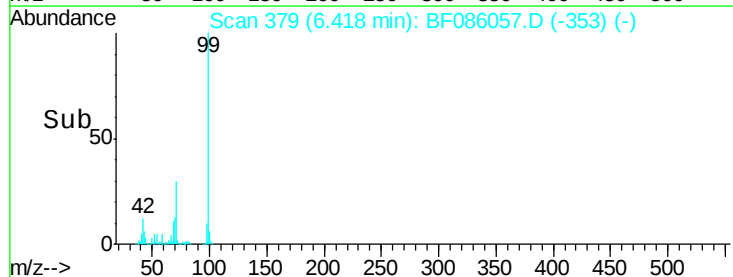
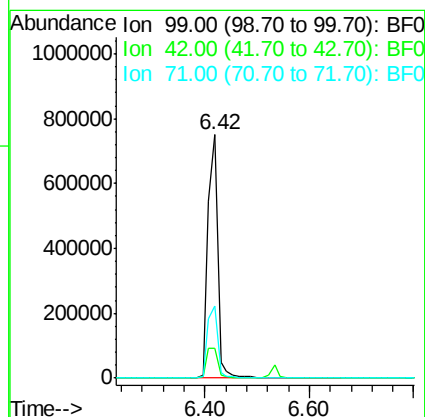
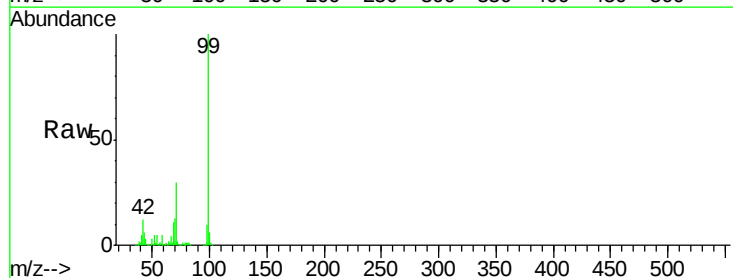
Tgt Ion: 99 Resp: 970814

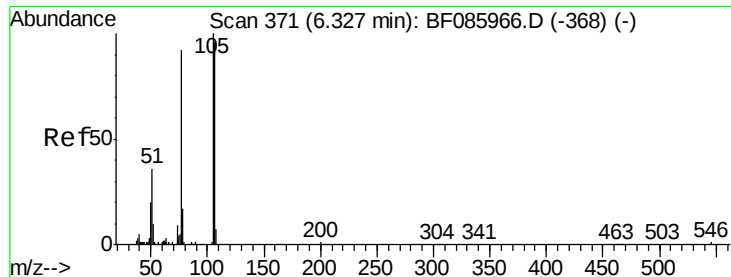
Ion Ratio Lower Upper

99 100

42 12.5 11.1 16.7

71 29.5 24.9 37.3





#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

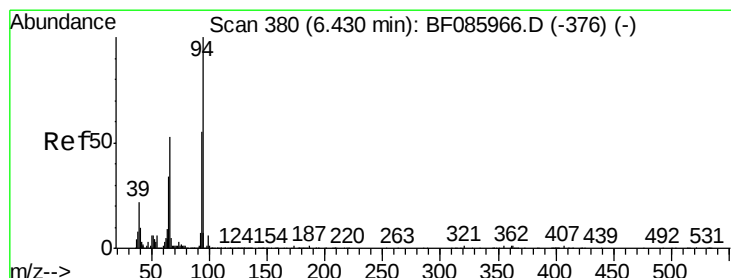
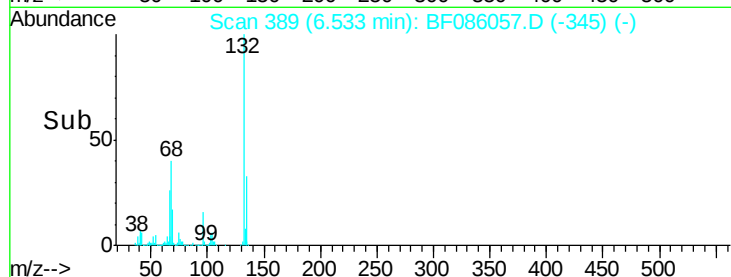
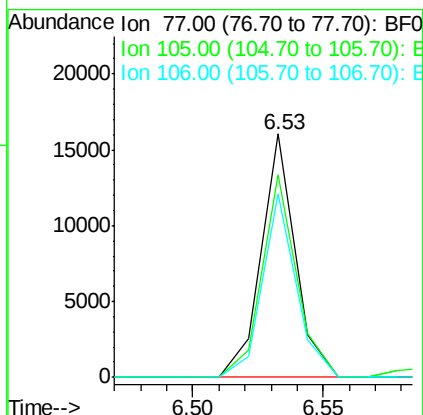
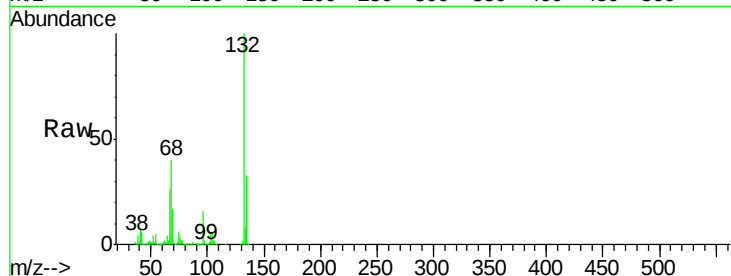
Tgt Ion: 77 Resp: 14715

Ion Ratio Lower Upper

77 100

105 83.1 80.1 120.1

106 75.2 75.0 115.0



#10

Phenol

Concen: 0.44 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

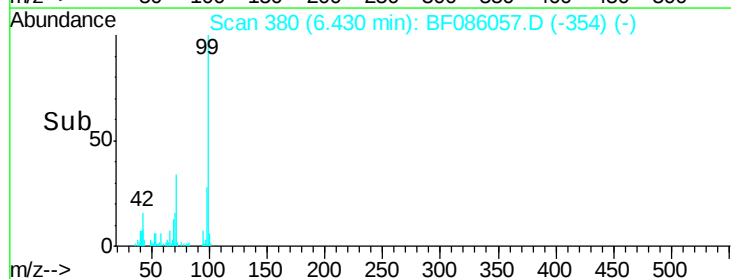
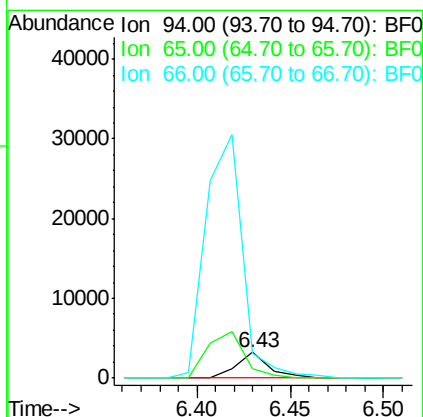
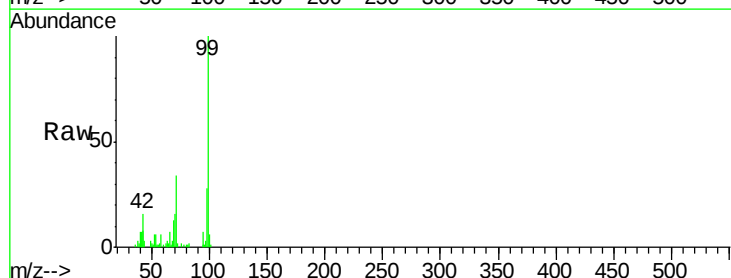
Tgt Ion: 94 Resp: 3814

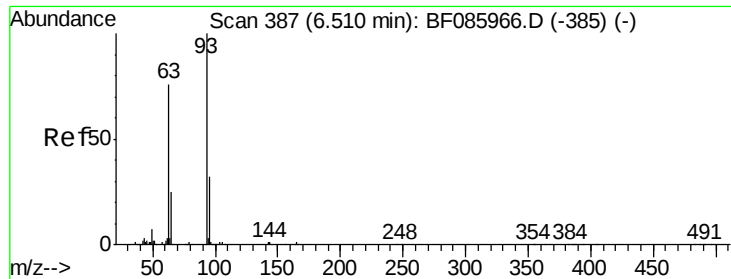
Ion Ratio Lower Upper

94 100

65 35.5 8.6 48.6

66 95.2 20.0 60.0#

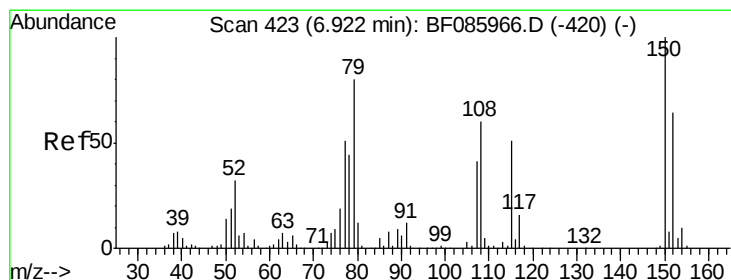
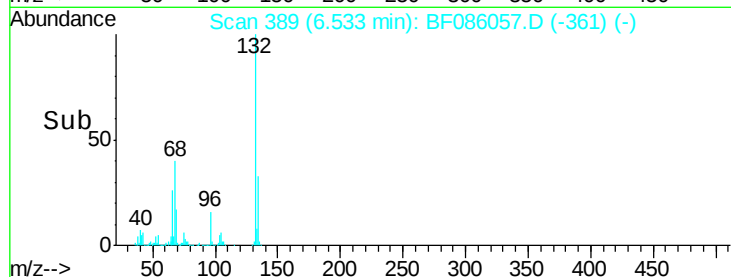
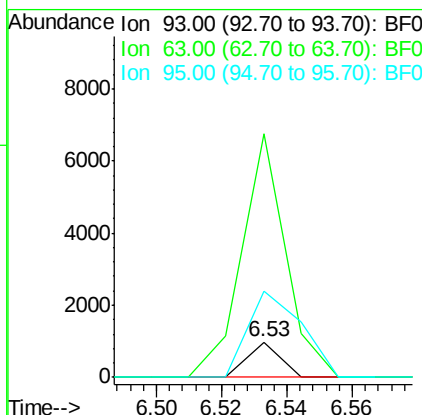
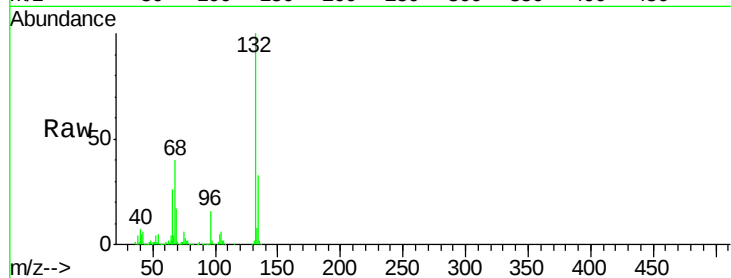




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

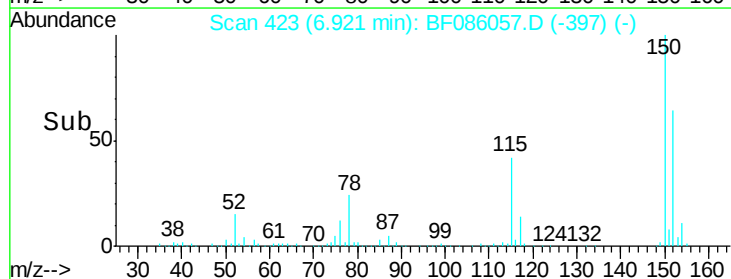
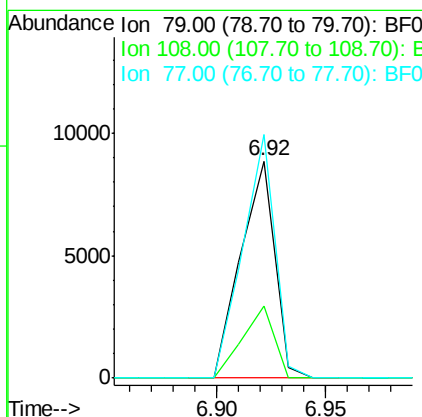
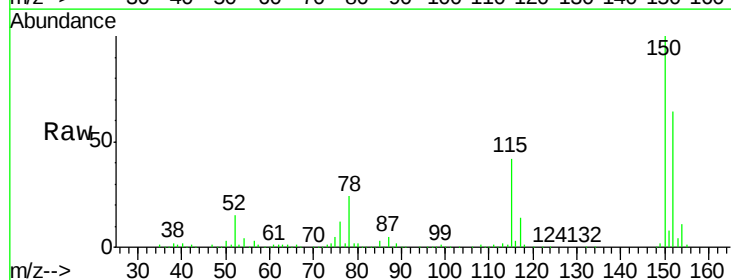
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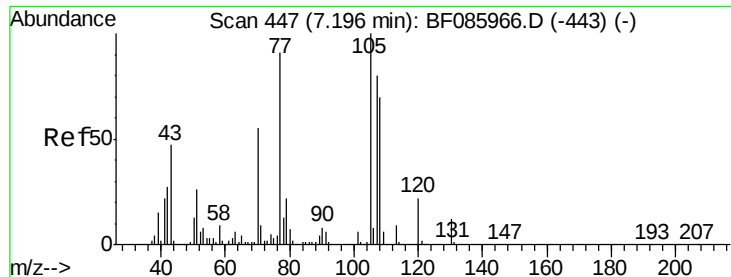
Tgt Ion: 93 Resp: 671
Ion Ratio Lower Upper
93 100
63 689.8 50.9 90.9#
95 243.2 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.94 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion: 79 Resp: 9613
Ion Ratio Lower Upper
79 100
108 33.3 61.8 92.6#
77 112.2 49.6 74.4#

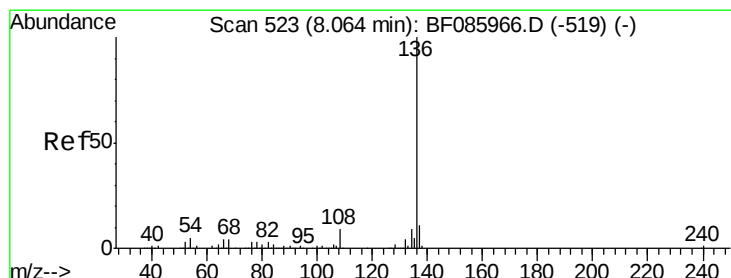
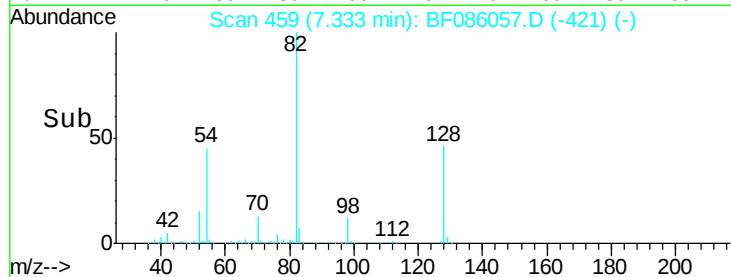
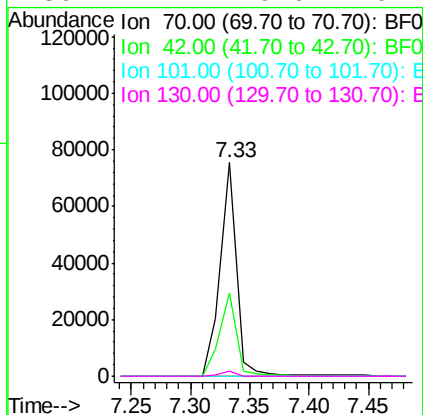
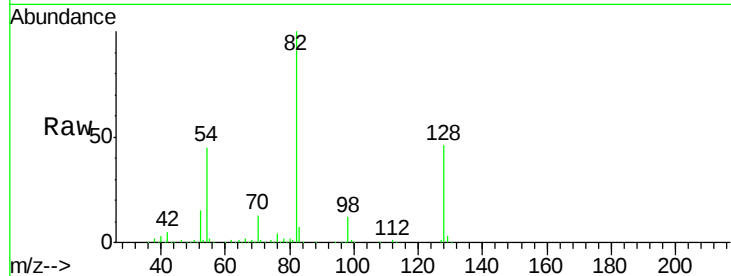




#19
n-Nitroso-di-n-propylamine
Concen: 15.21 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

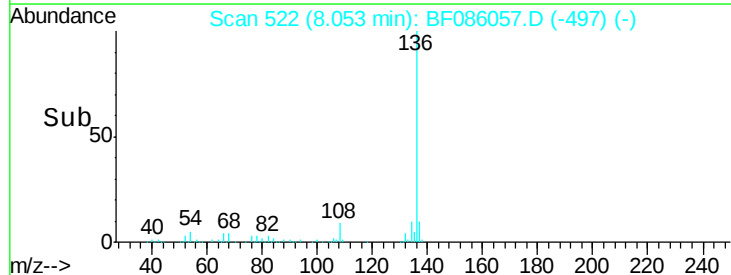
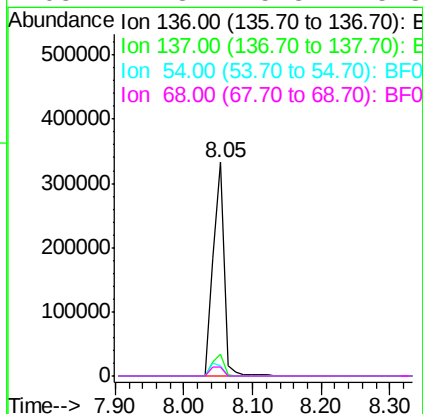
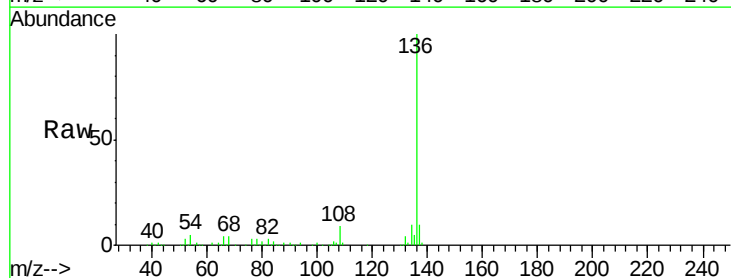
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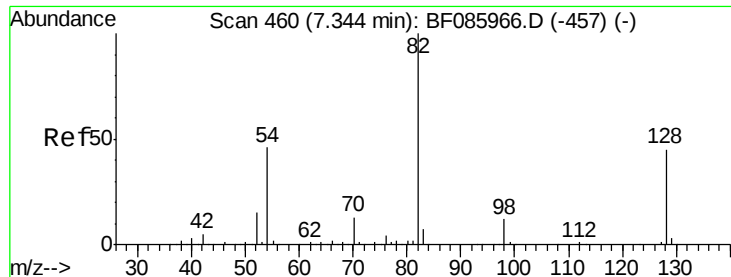
Tgt Ion: 70 Resp: 72321
Ion Ratio Lower Upper
70 100
42 38.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion: 136 Resp: 378198
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 5.0 7.4 11.0#
68 4.3 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 84.55 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

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ClientSampleId :

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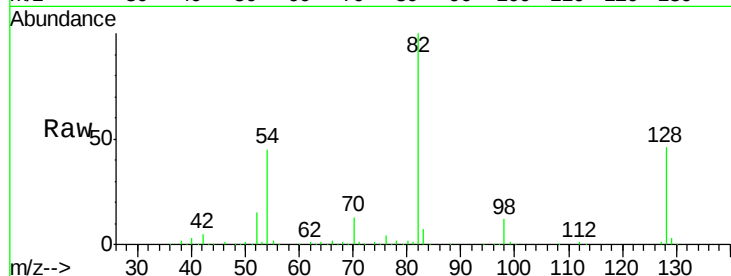
Tgt Ion: 82 Resp: 542225

Ion Ratio Lower Upper

82 100

128 46.3 41.8 62.8

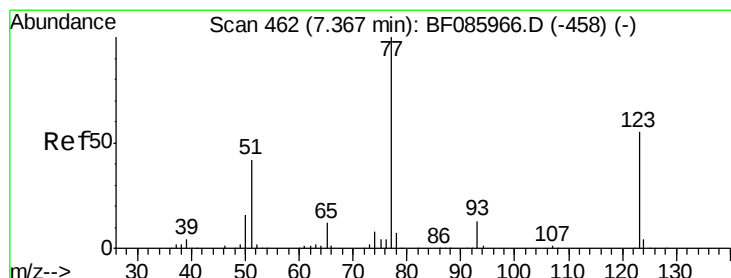
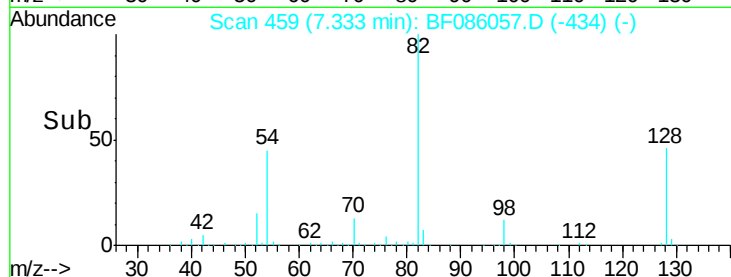
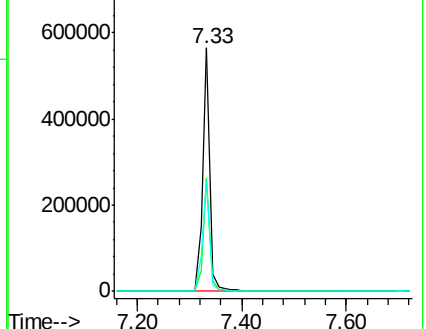
54 45.3 33.4 50.0



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



#24

Nitrobenzene

Concen: 0.21 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

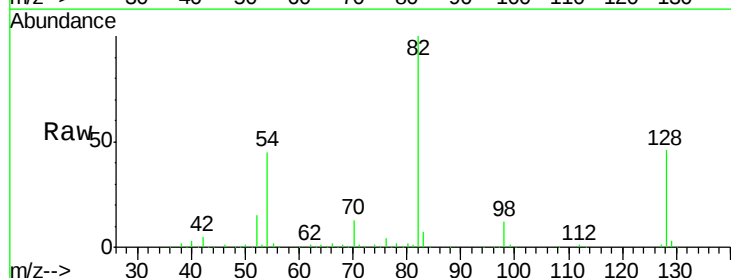
Tgt Ion: 77 Resp: 1485

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

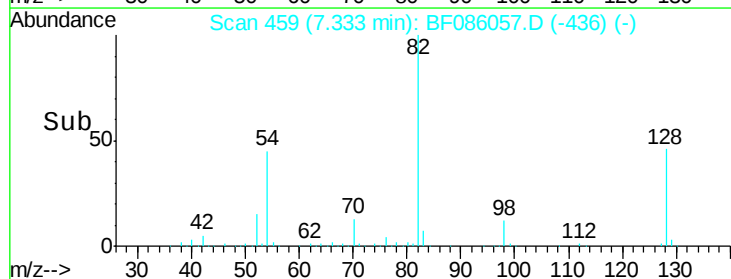
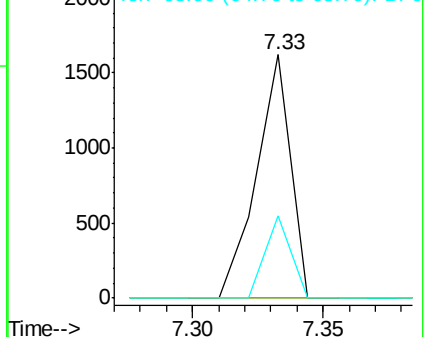
65 33.8 10.6 16.0#

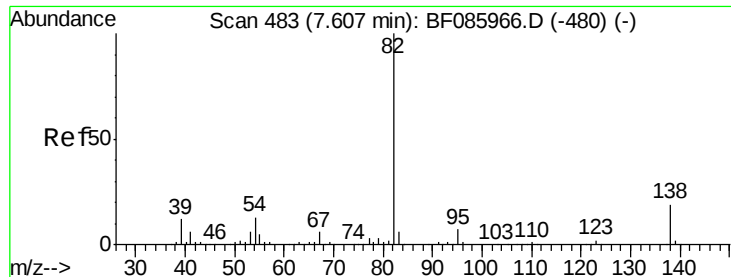


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.71 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

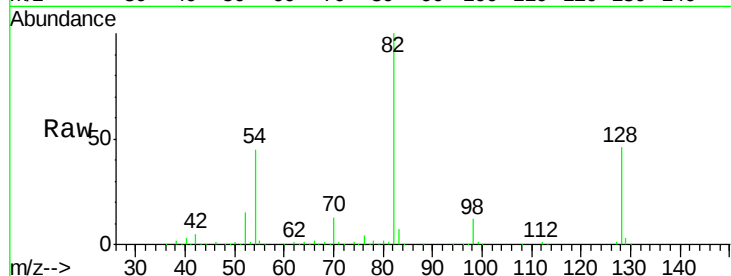
Tgt Ion: 82 Resp: 439364

Ion Ratio Lower Upper

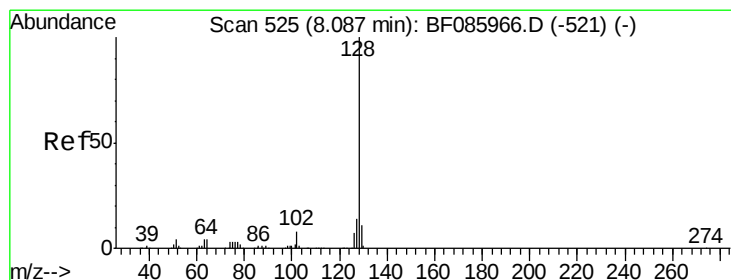
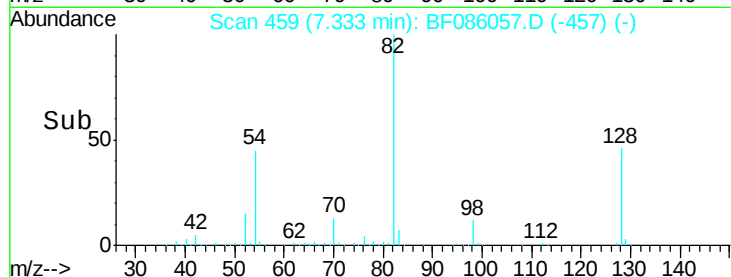
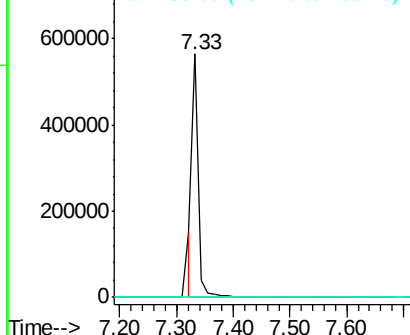
82 100

95 0.0 5.4 8.2#

138 0.0 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): E



#31

Naphthalene

Concen: 0.15 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

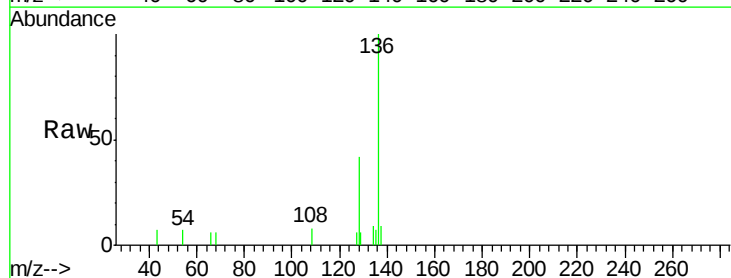
Tgt Ion: 128 Resp: 2932

Ion Ratio Lower Upper

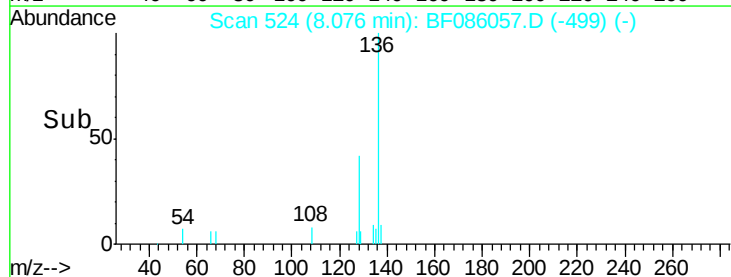
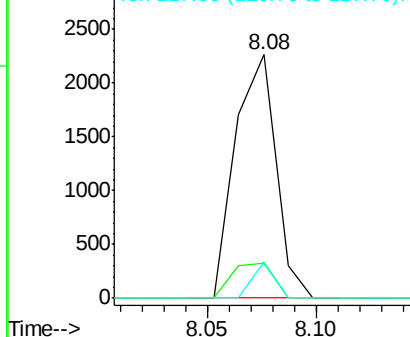
128 100

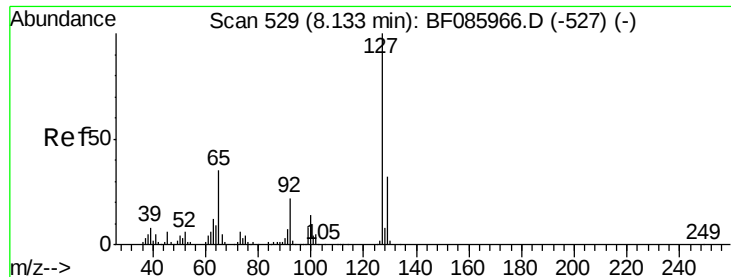
129 14.3 9.4 14.0#

127 14.7 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

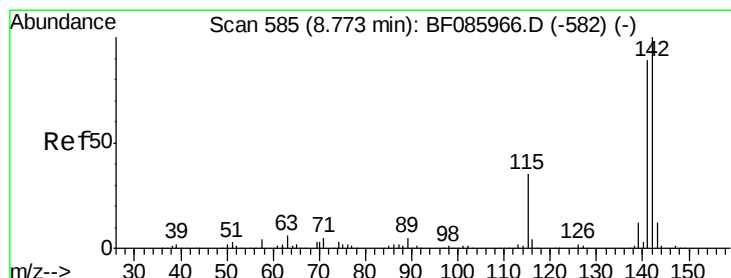
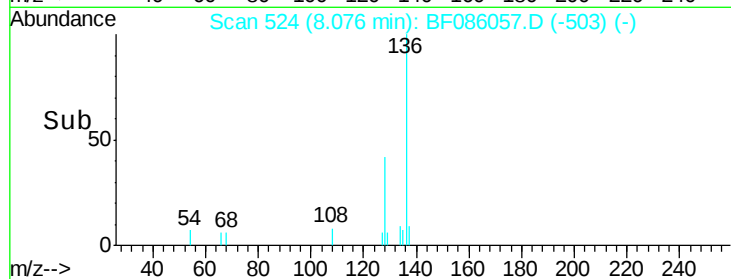
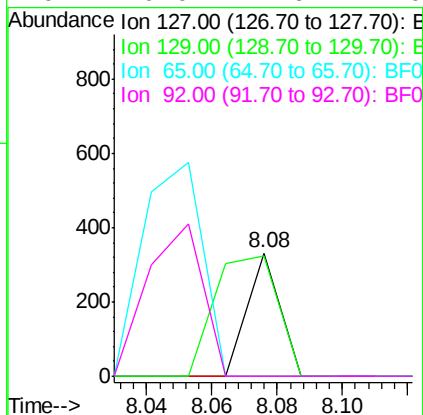
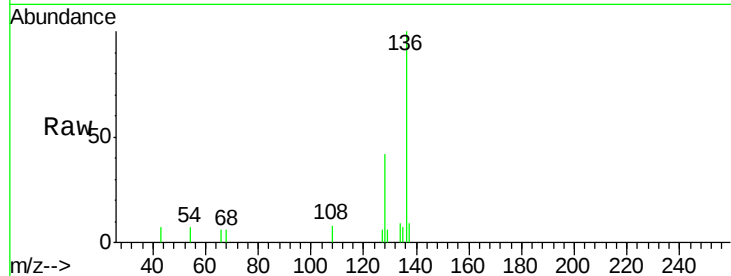




#33
4-Chloroaniline
Concen: 0.03 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

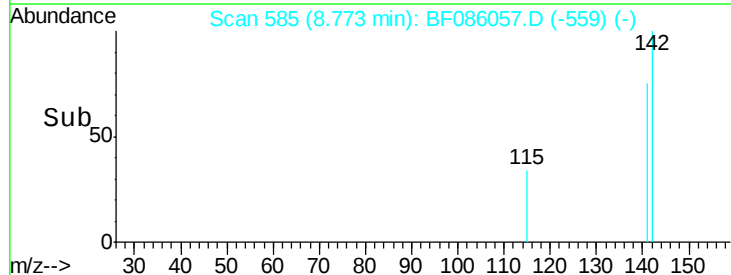
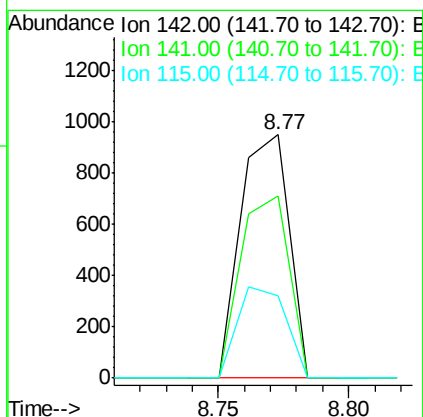
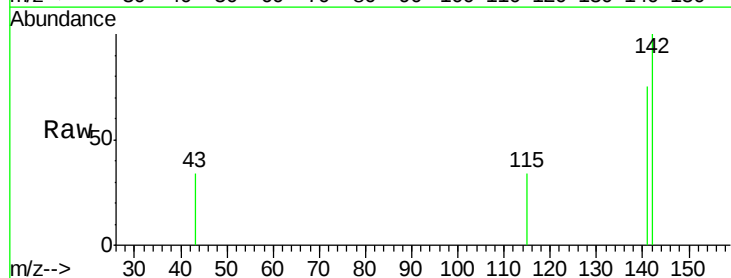
Instrument :
BNA_F
ClientSampleId :
WC-1

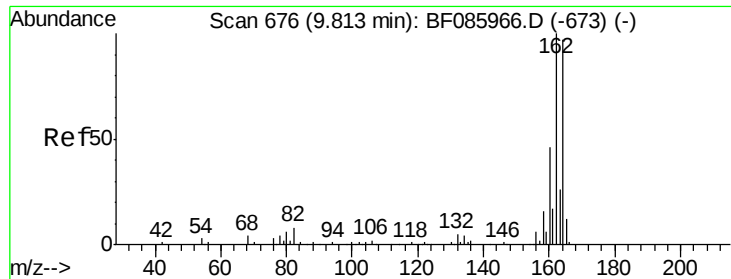
Tgt Ion:127 Resp: 228
Ion Ratio Lower Upper
127 100
129 97.9 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#



#37
2-Methylnaphthalene
Concen: 0.10 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 74.9 71.6 107.4
115 33.8 26.8 40.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

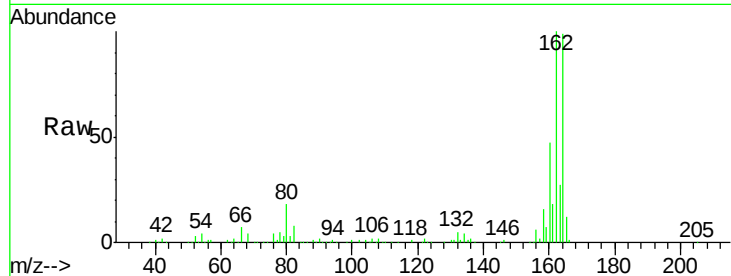
Tgt Ion:164 Resp: 156141

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

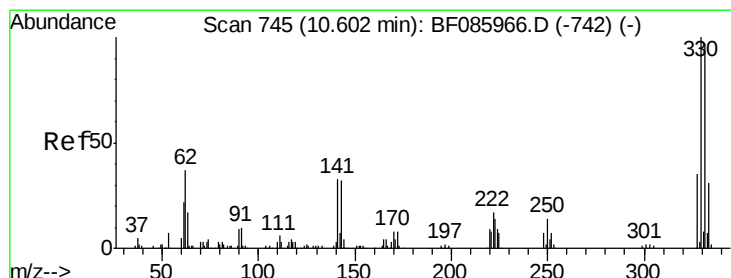
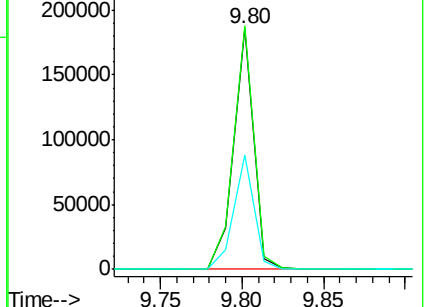
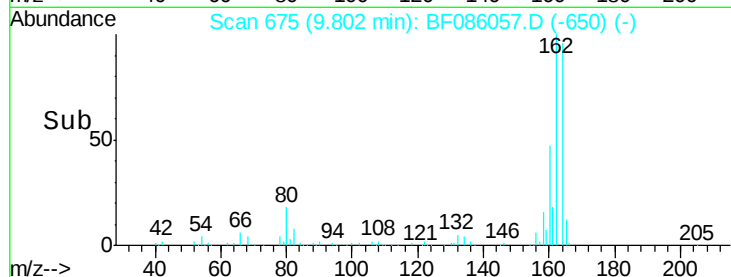
160 47.6 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 95.23 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

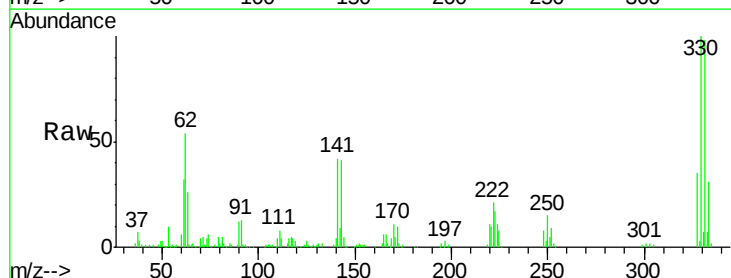
Tgt Ion:330 Resp: 139566

Ion Ratio Lower Upper

330 100

332 98.6 78.2 117.2

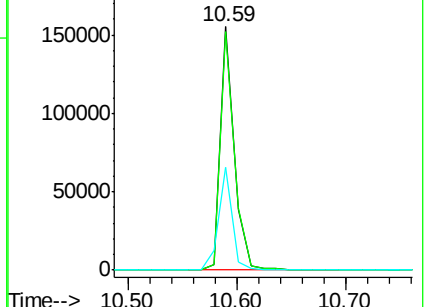
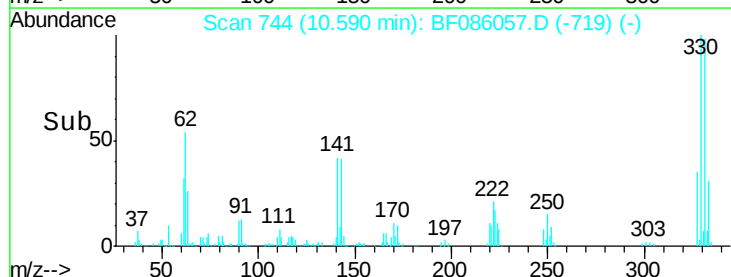
141 42.1 31.5 47.3

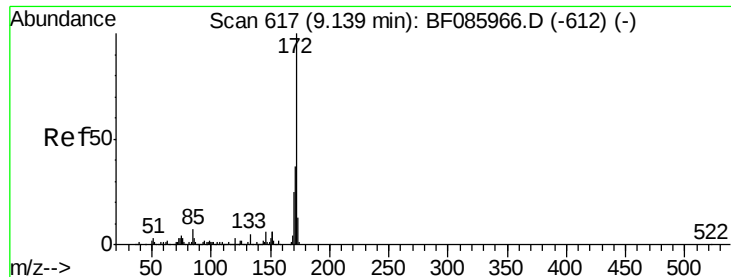


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.74 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

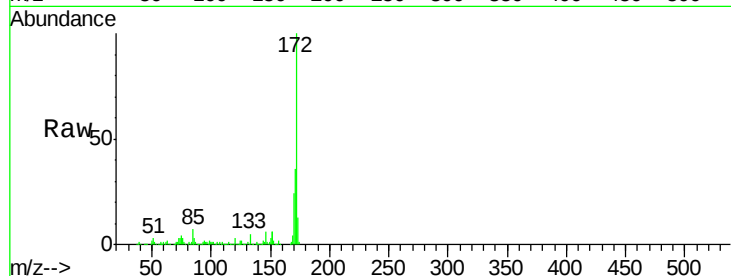
Tgt Ion:172 Resp: 870947

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.2

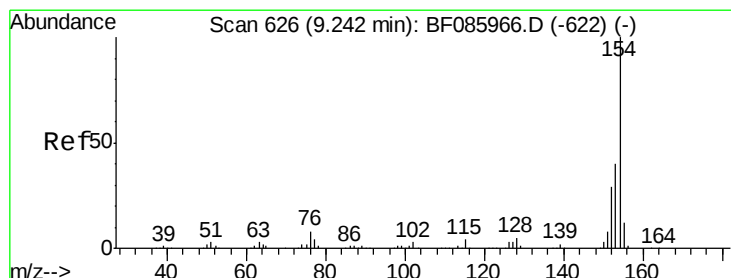
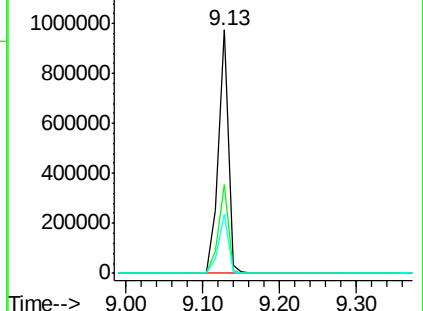
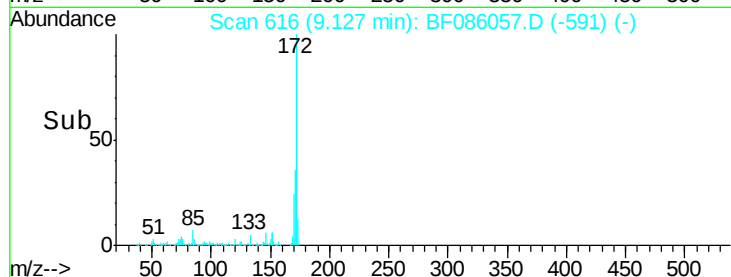
170 24.5 19.8 29.6



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



#45

1,1'-Biphenyl

Concen: 0.02 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

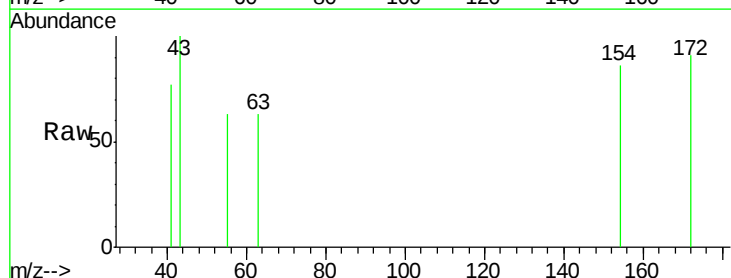
Tgt Ion:154 Resp: 289

Ion Ratio Lower Upper

154 100

153 0.0 20.8 60.8#

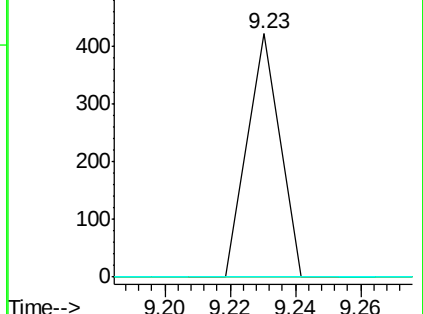
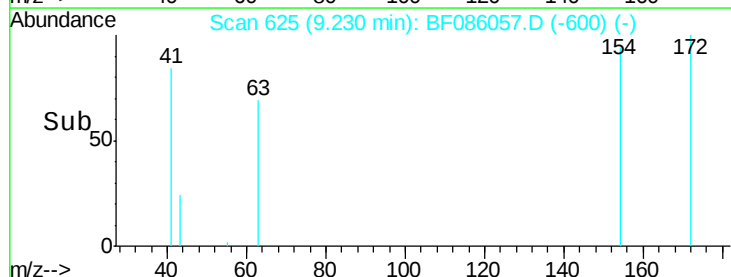
76 0.0 0.0 36.7

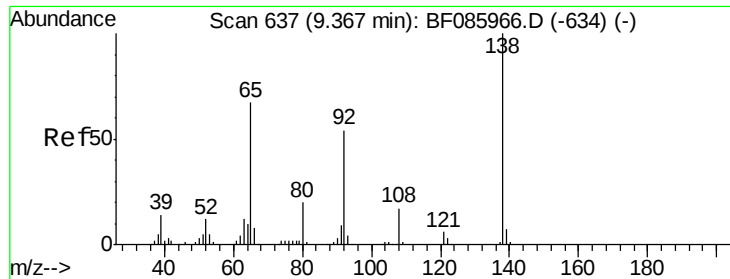


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

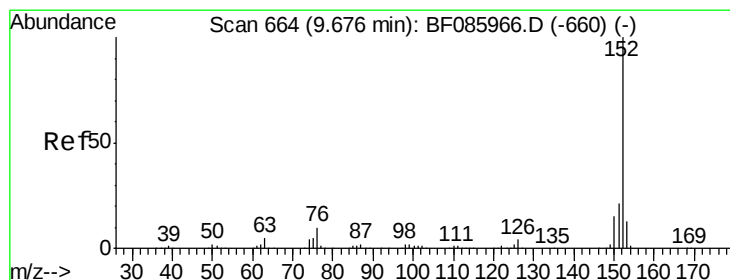
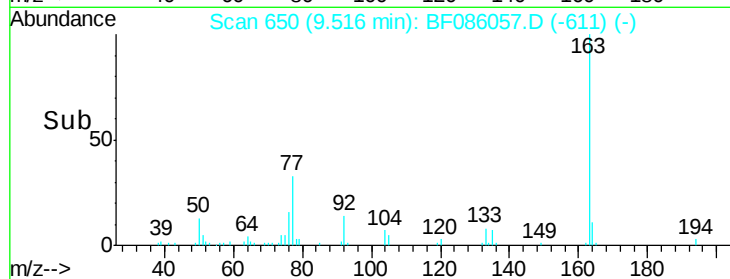
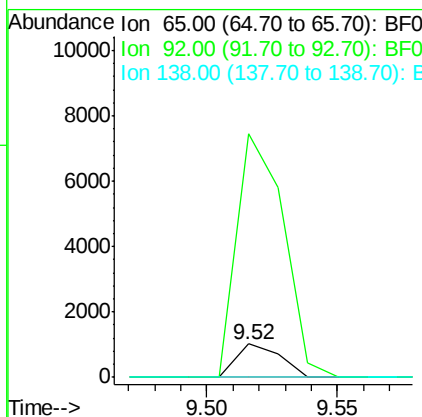
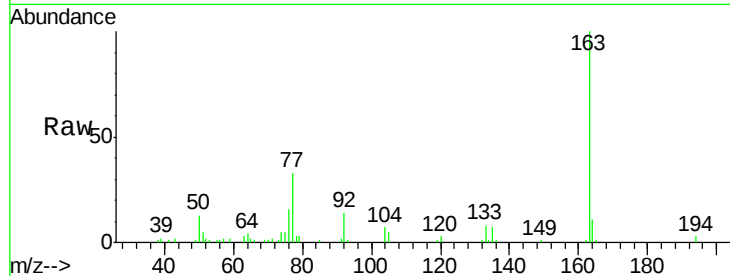




#47
 2-Nitroaniline
 Concen: 0.42 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.15 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

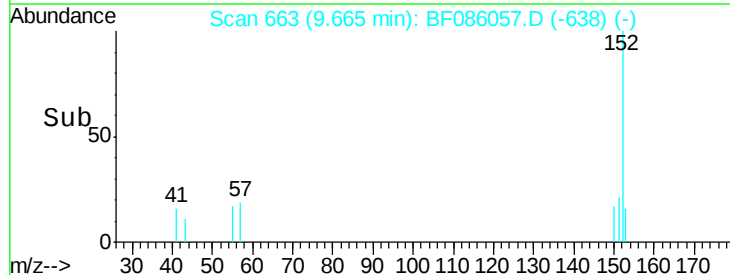
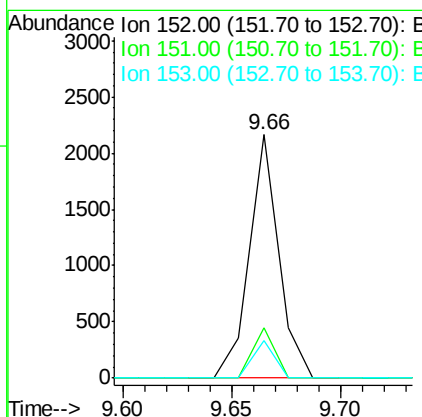
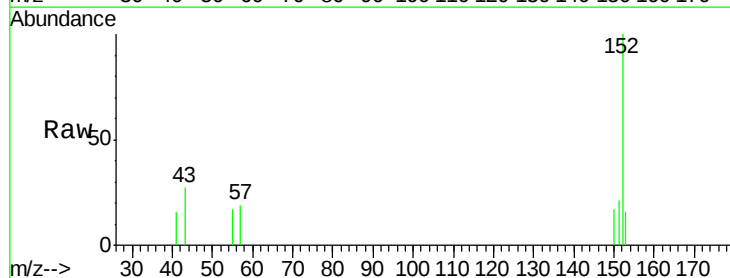
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

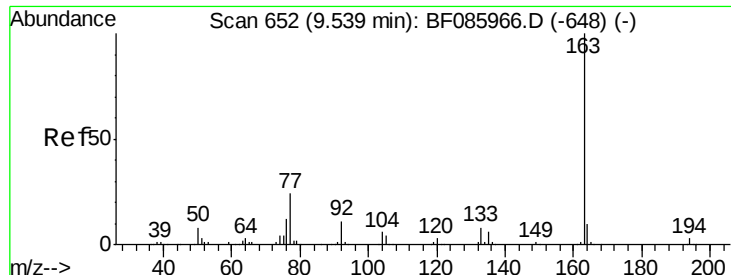
Tgt Ion: 65 Resp: 1206
 Ion Ratio Lower Upper
 65 100
 92 726.6 59.7 89.5#
 138 0.0 91.4 137.0#



#48
 Acenaphthylene
 Concen: 0.13 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF086057.D
 Acq: 5 Apr 2016 00:29

Tgt Ion: 152 Resp: 2042
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 15.6 10.9 16.3

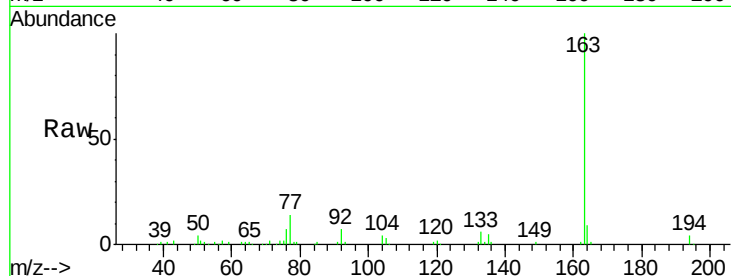




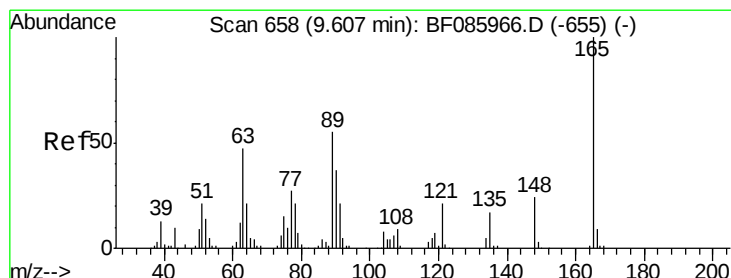
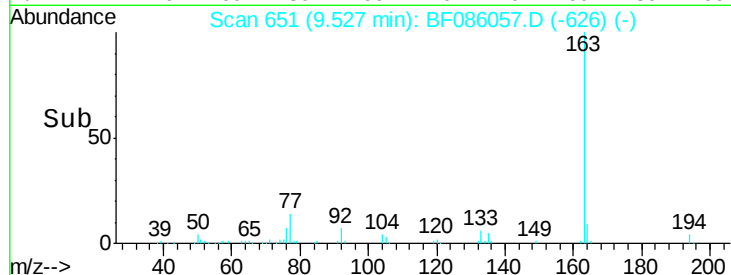
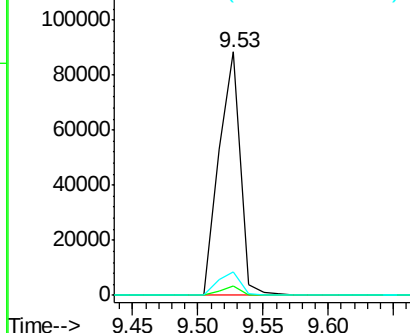
#49
Dimethylphthalate
Concen: 8.76 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:163 Resp: 101413
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 9.5 8.3 12.5

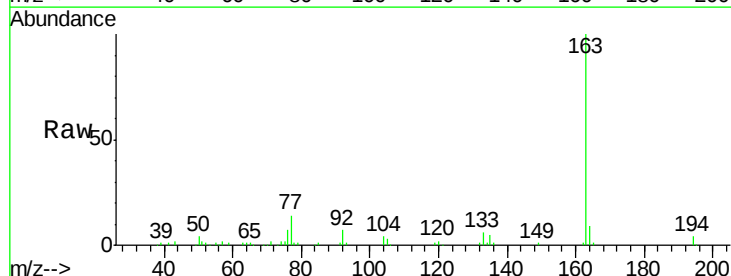


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

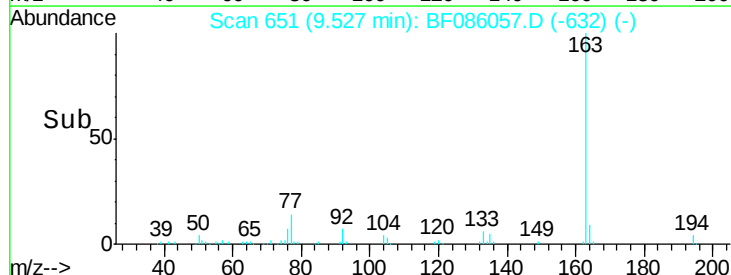
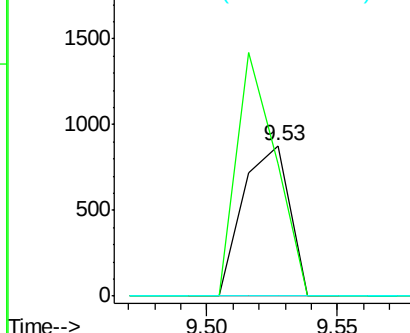


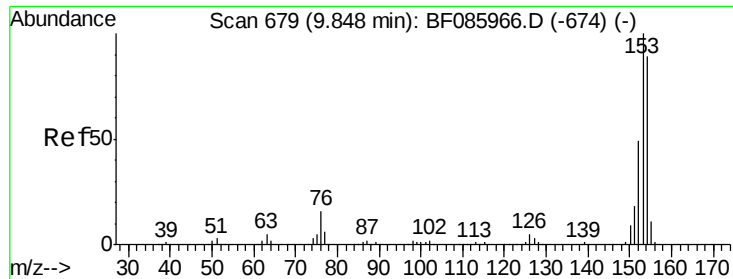
#50
2,6-Dinitrotoluene
Concen: 0.45 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.08 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:165 Resp: 1098
Ion Ratio Lower Upper
165 100
63 87.4 51.8 77.8#
89 0.0 53.7 80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.22 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

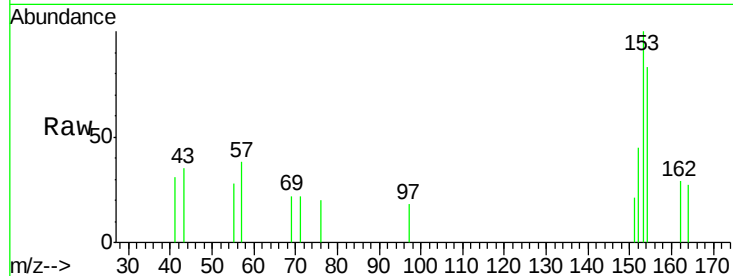
Tgt Ion:154 Resp: 2007

Ion Ratio Lower Upper

154 100

153 119.9 90.1 135.1

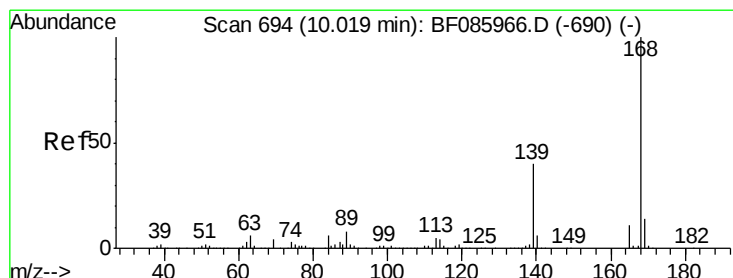
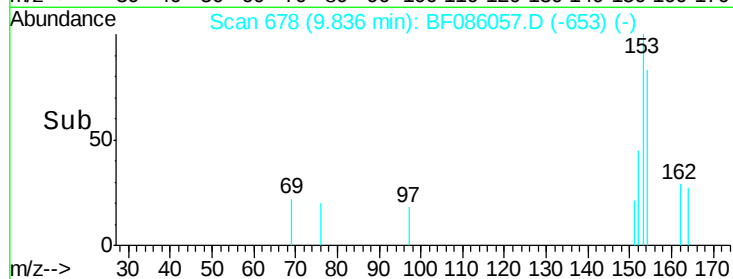
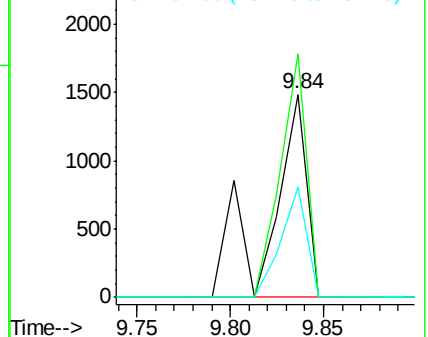
152 54.4 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.10 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

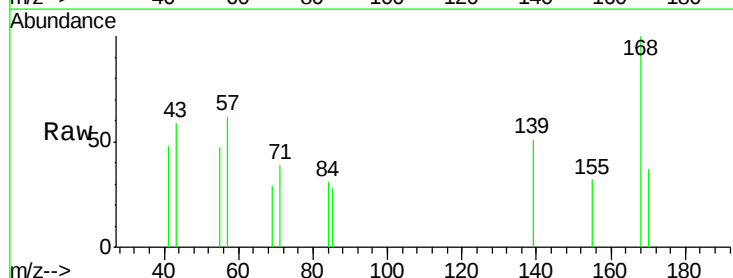
Tgt Ion:168 Resp: 1212

Ion Ratio Lower Upper

168 100

139 50.5 31.9 47.9#

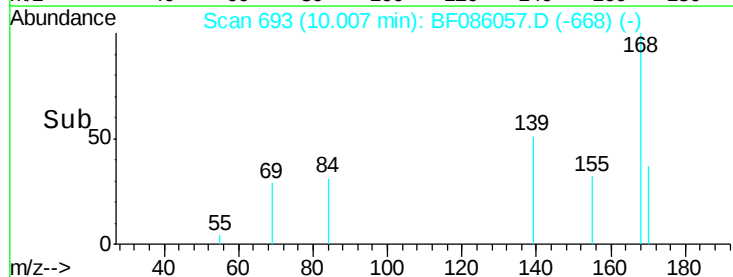
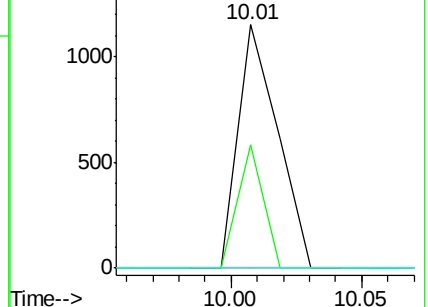
169 0.0 11.0 16.6#

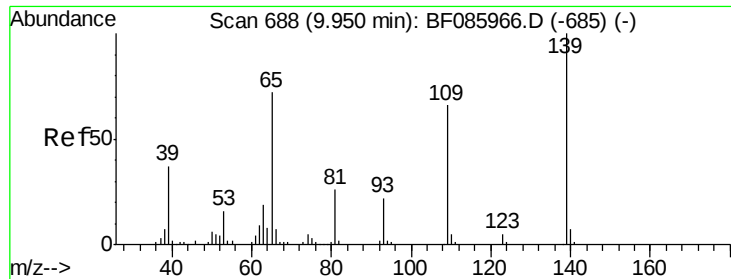


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.23 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.06 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

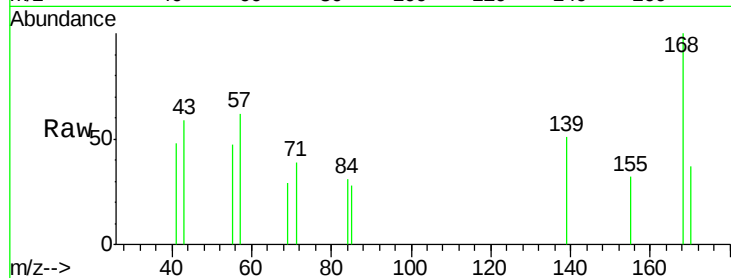
Tgt Ion:139 Resp: 399

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

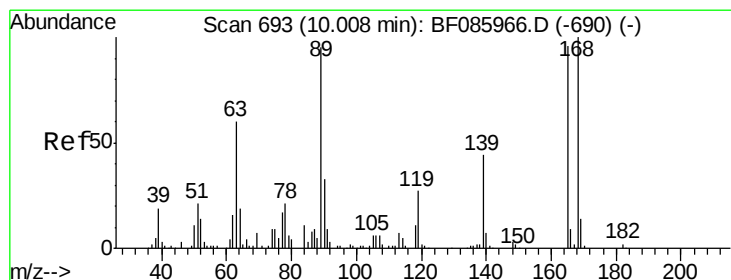
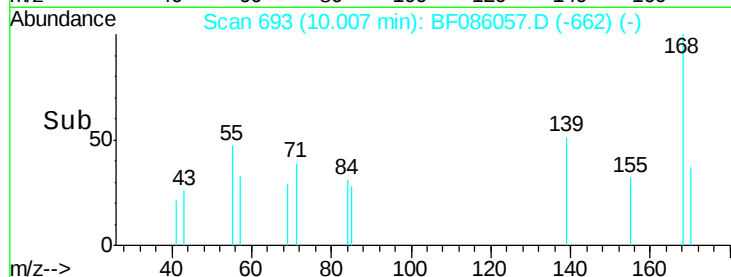
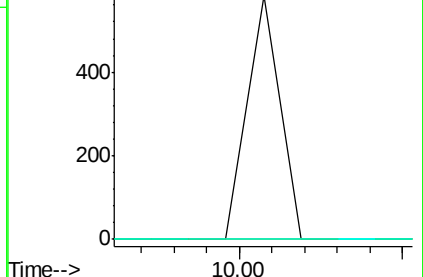
65 0.0 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Tgt Ion:165 Resp: 19487

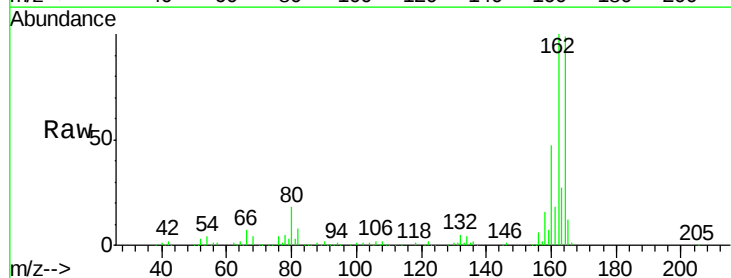
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

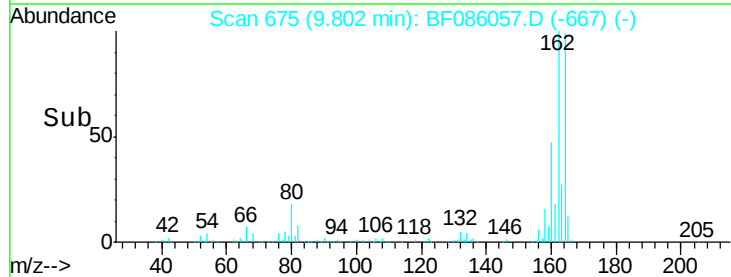
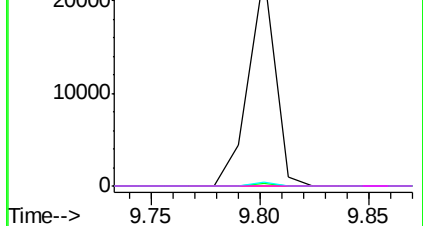


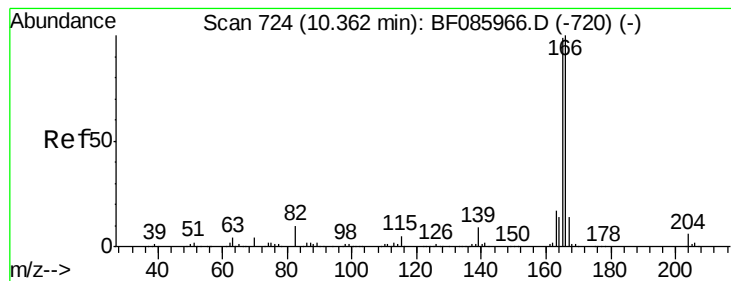
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.12 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

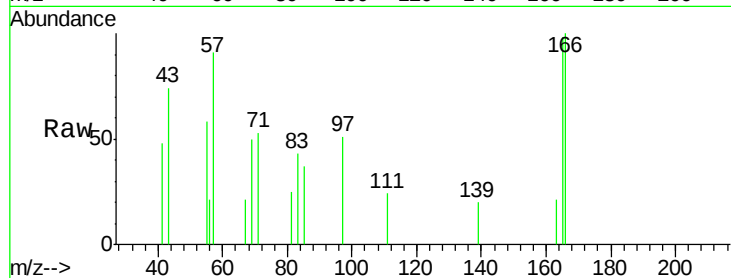
Tgt Ion:166 Resp: 1307

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

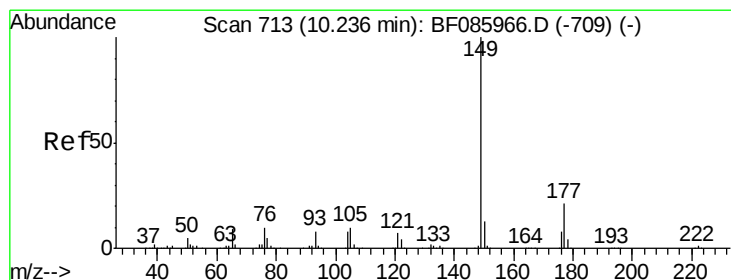
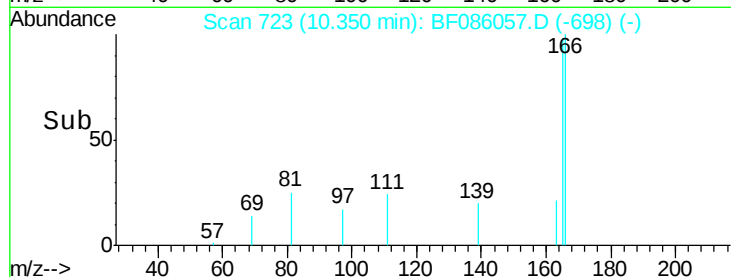
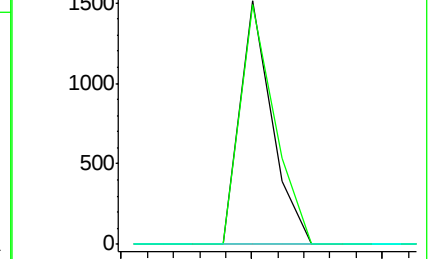
167 0.0 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.04 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

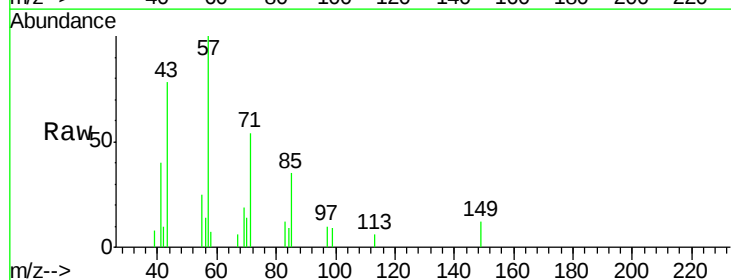
Tgt Ion:149 Resp: 435

Ion Ratio Lower Upper

149 100

177 0.0 17.9 26.9#

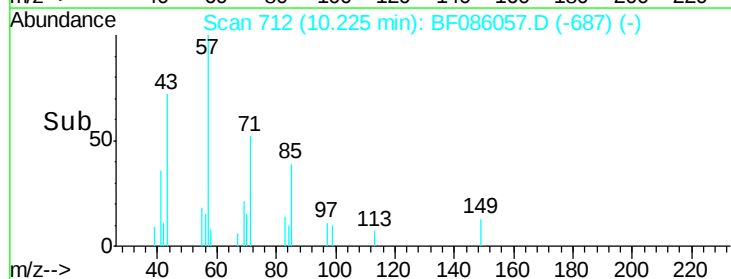
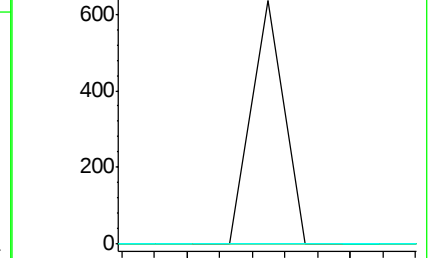
150 0.0 10.2 15.2#

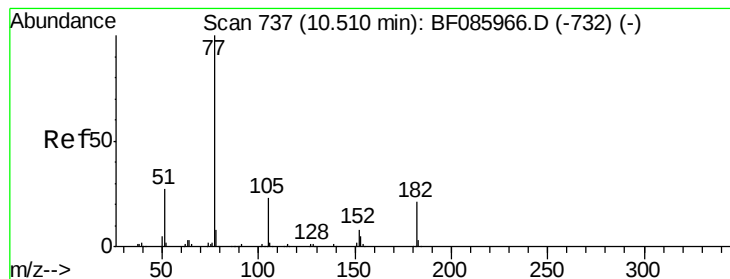


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.10 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 77 Resp: 1083

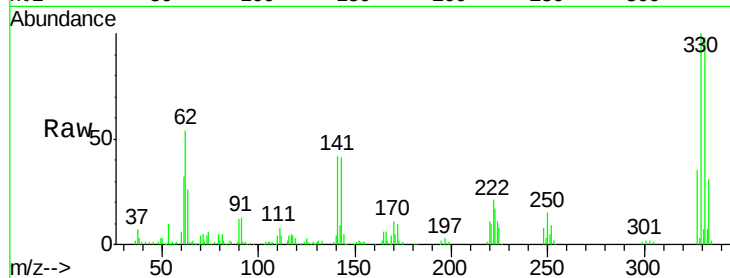
Ion Ratio Lower Upper

77 100

182 55.8 1.9 41.9#

105 92.1 3.5 43.5#

51 61.6 6.3 46.3#

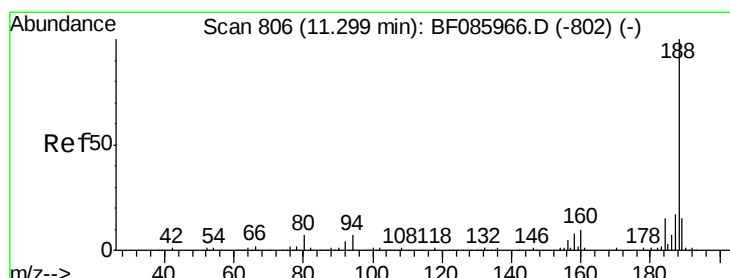
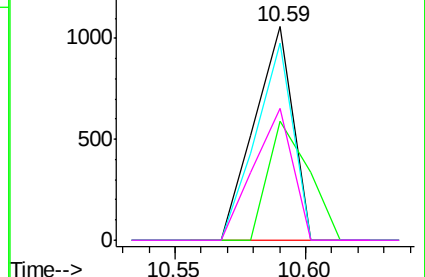
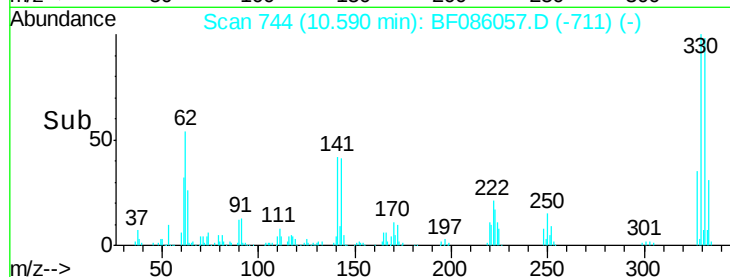


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

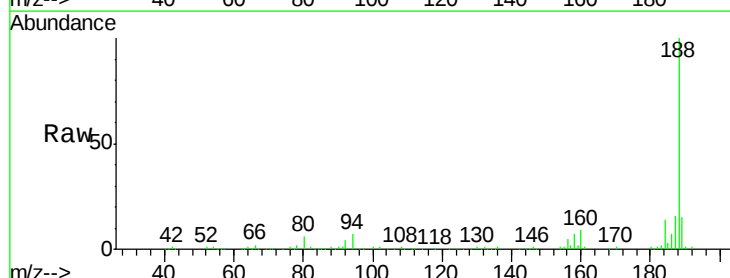
Tgt Ion: 188 Resp: 239390

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

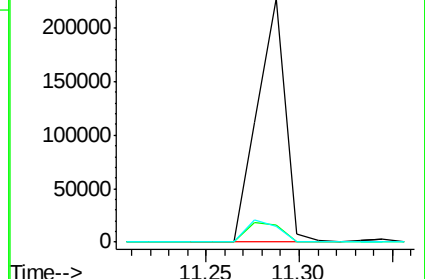
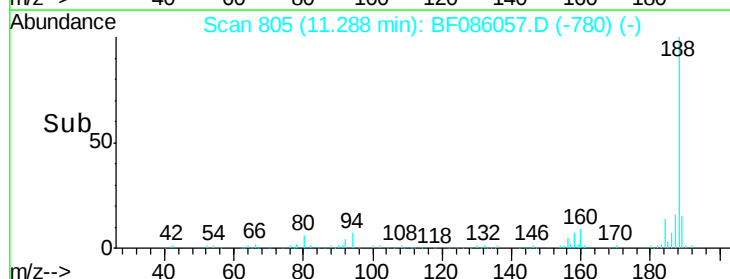
80 6.5 5.5 8.3

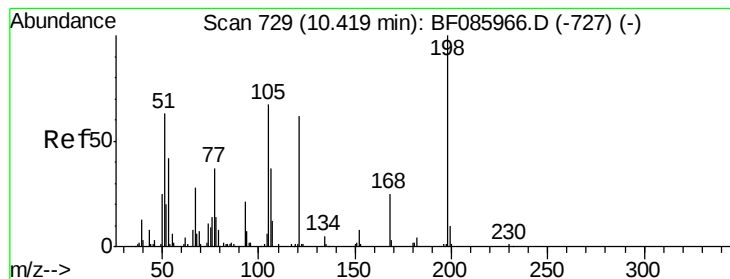


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.20 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.17 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

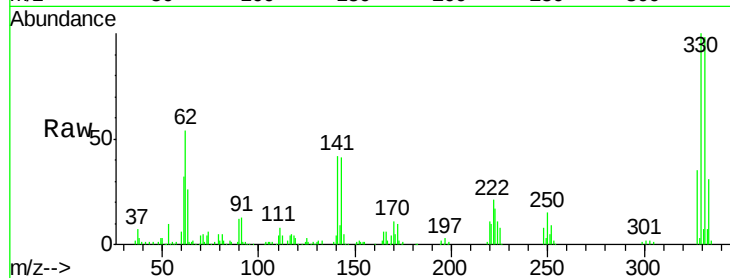
Tgt Ion:198 Resp: 293

Ion Ratio Lower Upper

198 100

51 152.7 45.4 85.4#

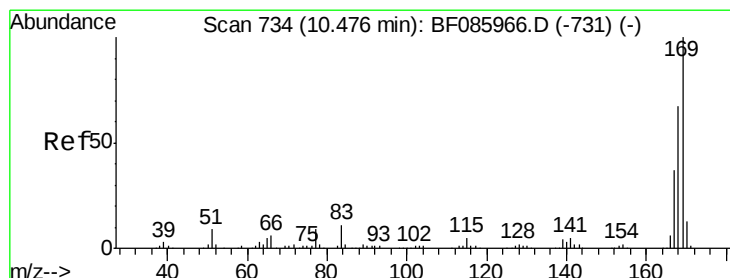
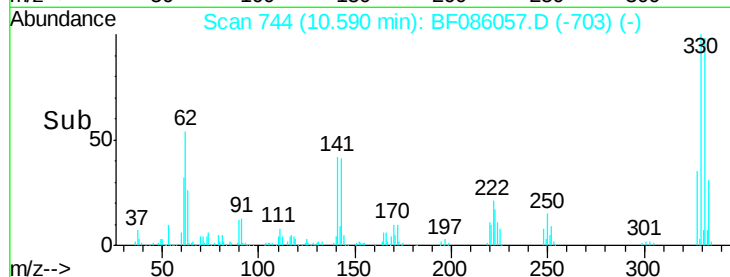
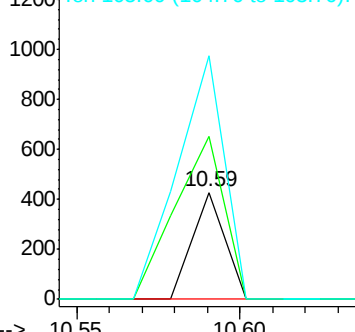
105 228.1 45.9 85.9#



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: 0.03 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

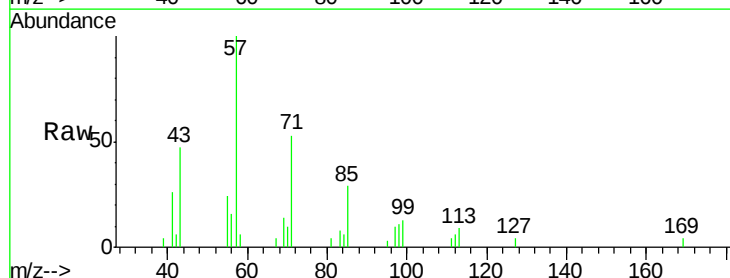
Tgt Ion:169 Resp: 231

Ion Ratio Lower Upper

169 100

168 0.0 54.4 81.6#

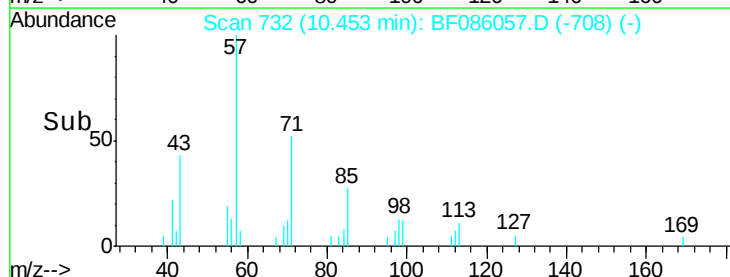
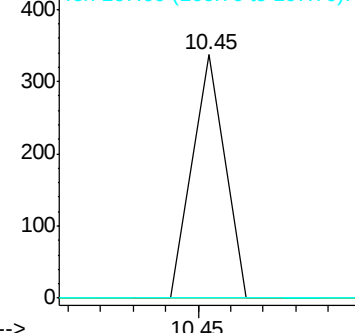
167 0.0 29.4 44.0#

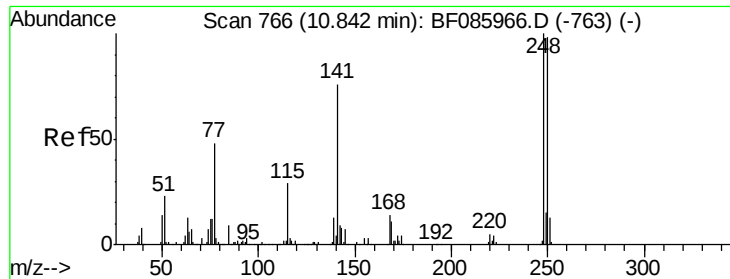


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

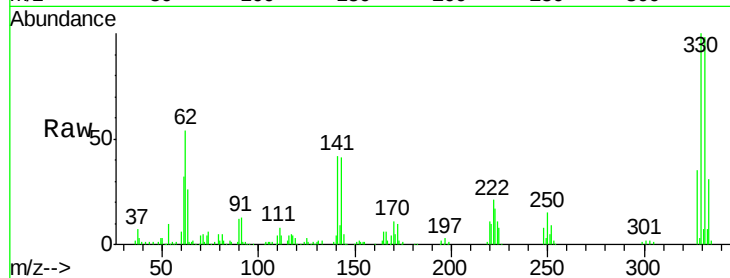




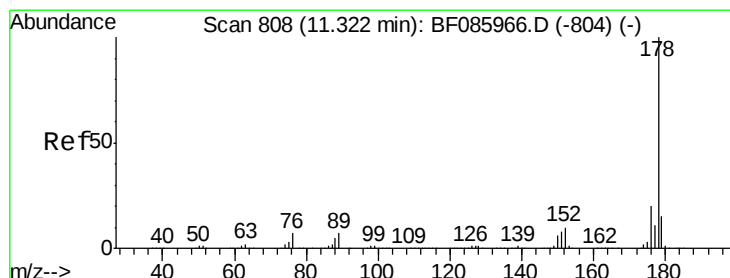
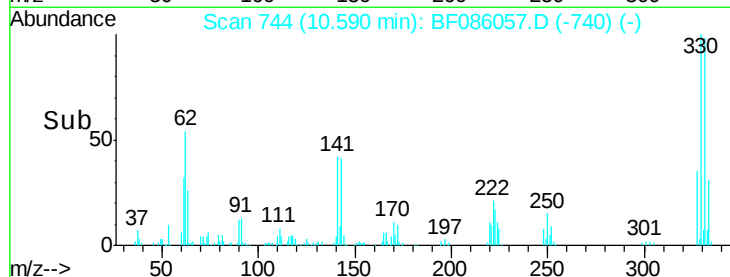
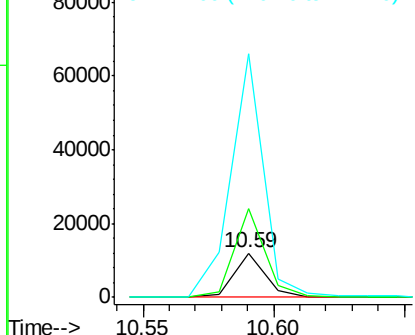
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:248 Resp: 9904
Ion Ratio Lower Upper
248 100
250 199.4 77.4 116.0#
141 549.1 63.6 95.4#

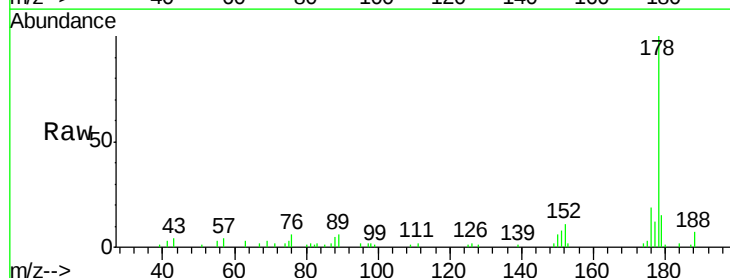


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

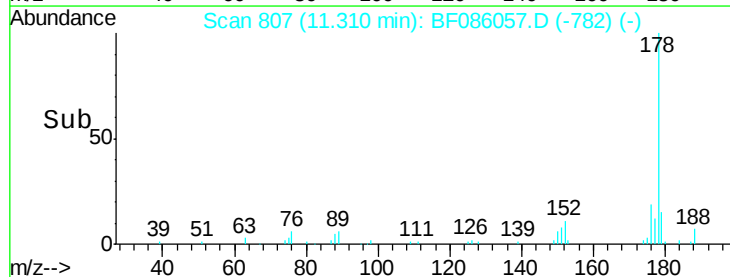
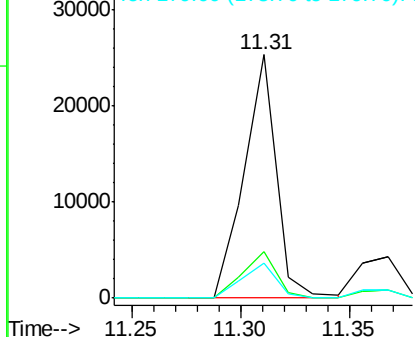


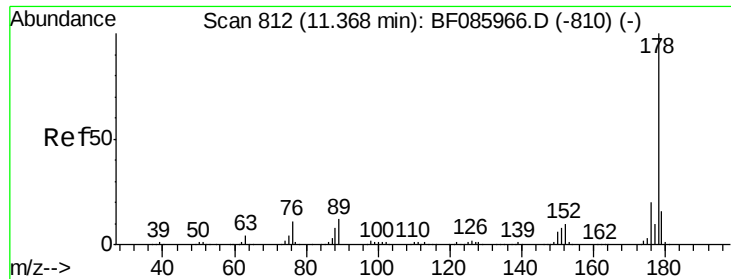
#70
Phenanthrene
Concen: 1.98 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:178 Resp: 25892
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 14.6 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: 0.42 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

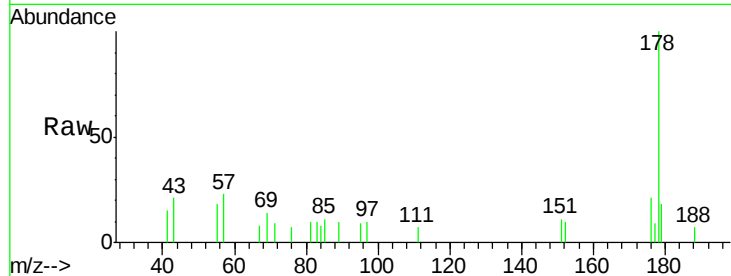
Tgt Ion:178 Resp: 5732

Ion Ratio Lower Upper

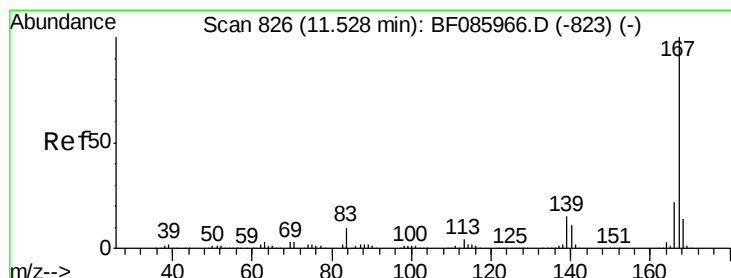
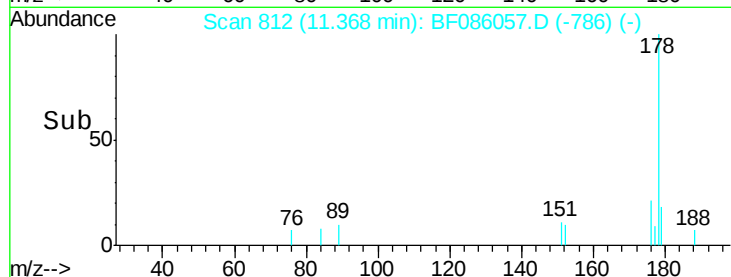
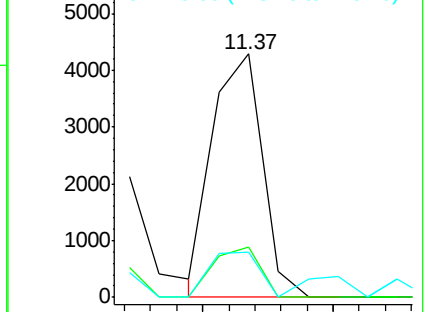
178 100

176 20.8 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



#72

Carbazole

Concen: 0.28 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

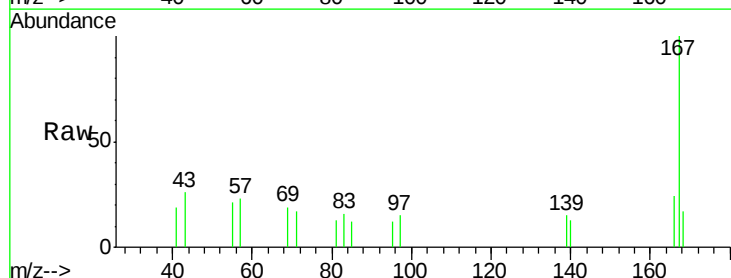
Tgt Ion:167 Resp: 3311

Ion Ratio Lower Upper

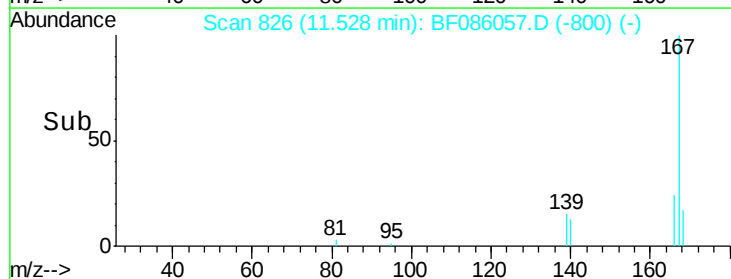
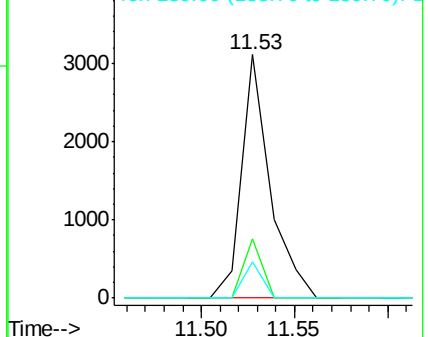
167 100

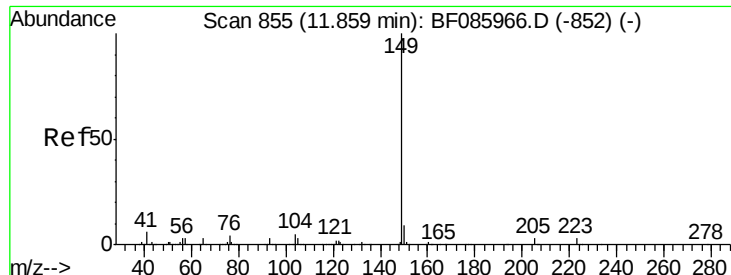
166 24.5 17.8 26.8

139 14.9 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

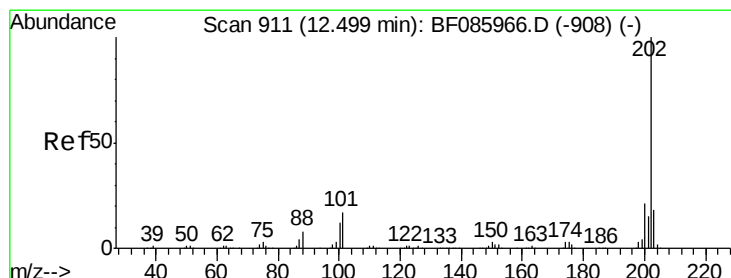
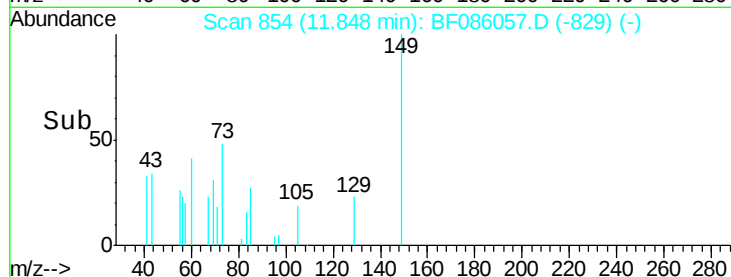
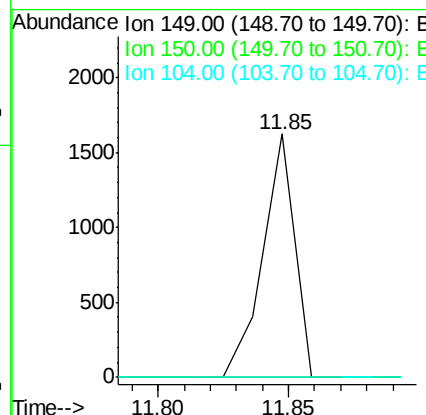
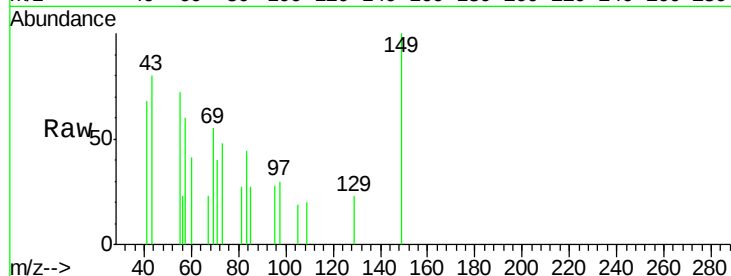




#73
Di-n-butylphthalate
Concen: 0.10 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

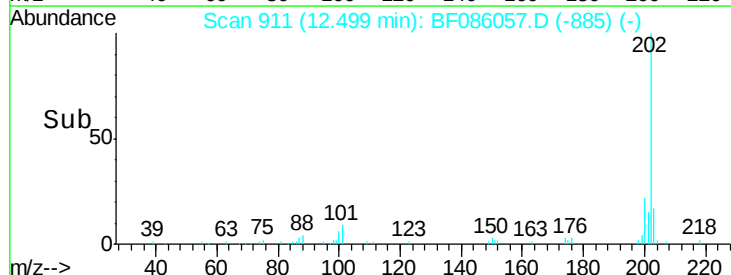
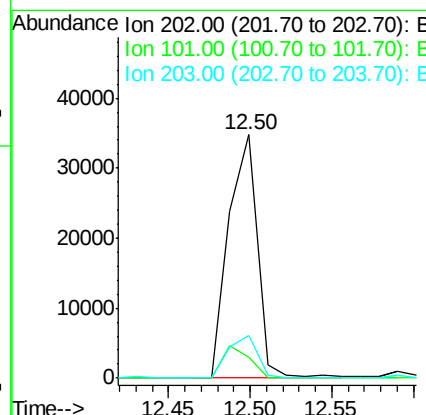
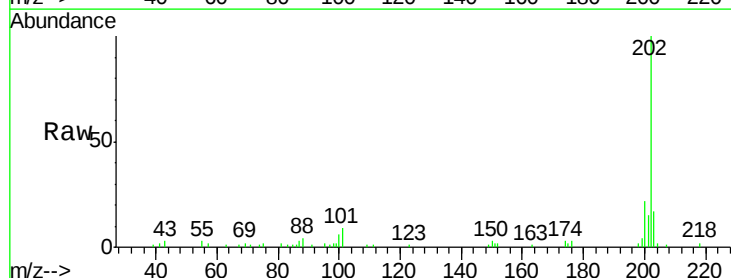
Instrument :
BNA_F
ClientSampleId :
WC-1

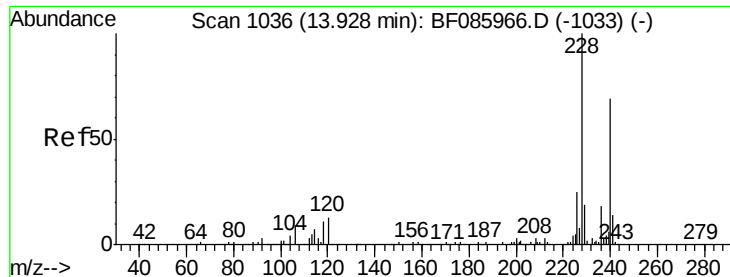
Tgt Ion:149 Resp: 1390
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 3.13 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:202 Resp: 42525
Ion Ratio Lower Upper
202 100
101 8.5 0.0 36.6
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

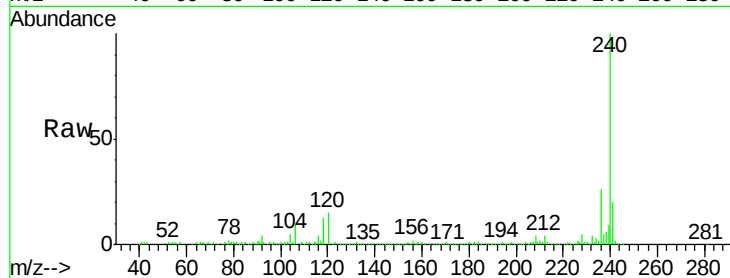
Tgt Ion:240 Resp: 191724

Ion Ratio Lower Upper

240 100

120 14.7 13.8 20.8

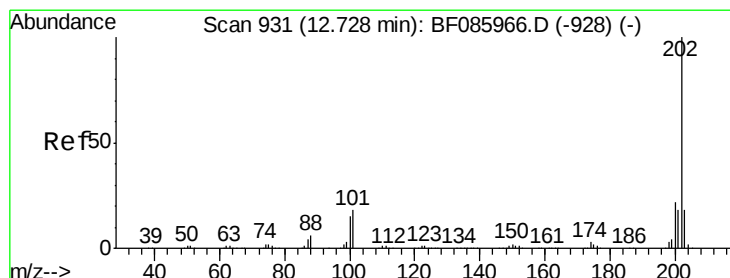
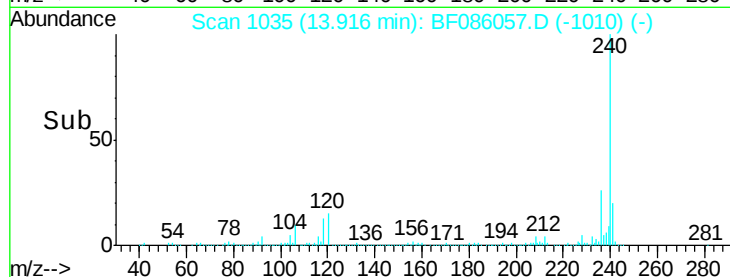
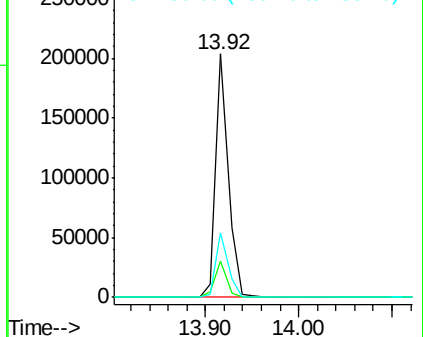
236 26.3 20.6 30.8



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



#77

Pyrene

Concen: 2.87 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

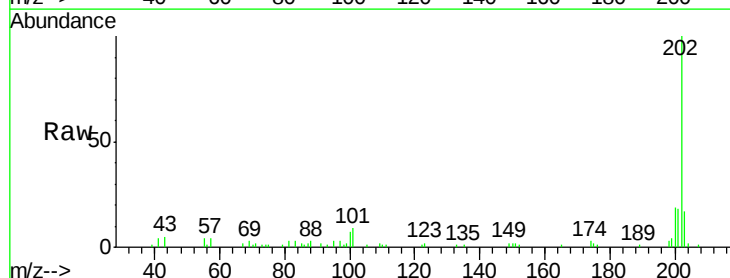
Tgt Ion:202 Resp: 38739

Ion Ratio Lower Upper

202 100

200 19.5 17.6 26.4

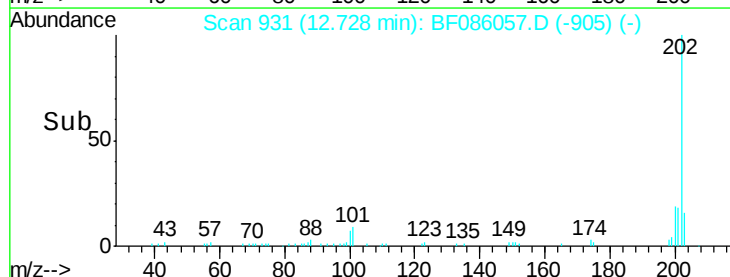
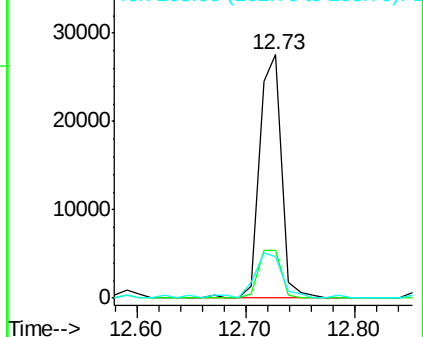
203 16.9 14.0 21.0

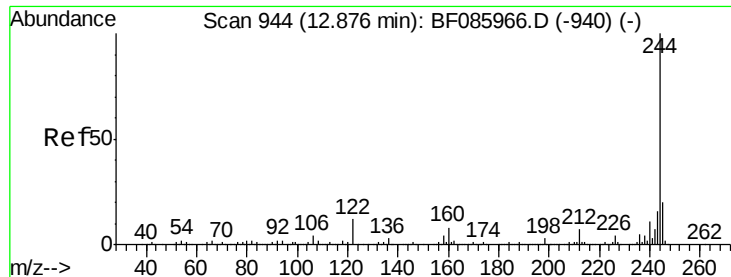


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.55 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampled :

WC-1

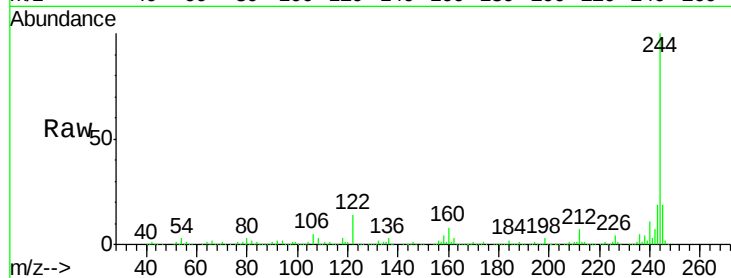
Tgt Ion:244 Resp: 575436

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

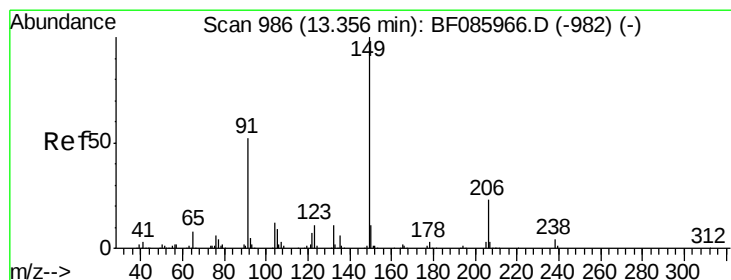
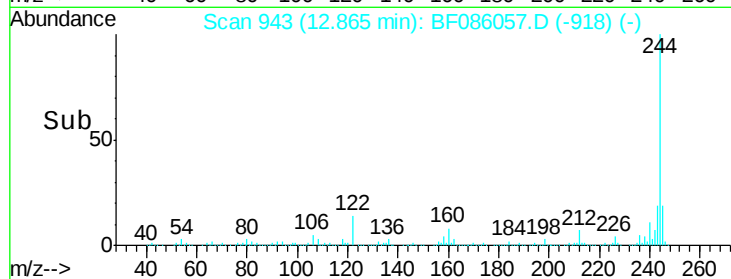
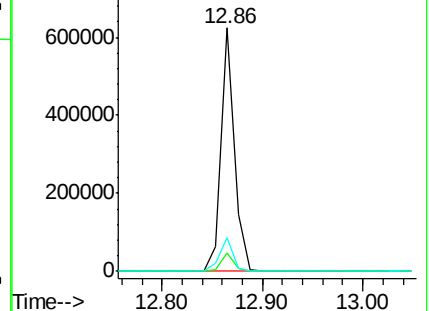
122 14.1 10.2 15.4



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



#79

Butylbenzylphthalate

Concen: 0.24 ng

RT: 13.36 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

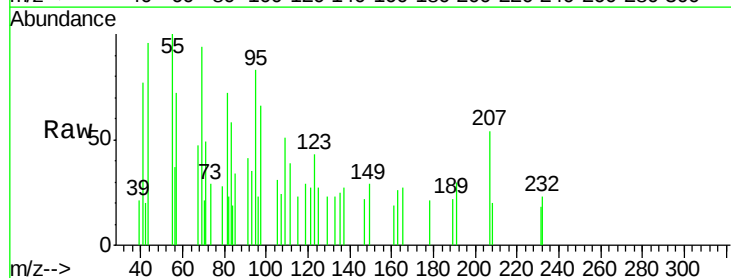
Tgt Ion:149 Resp: 1434

Ion Ratio Lower Upper

149 100

91 142.9 45.8 68.8#

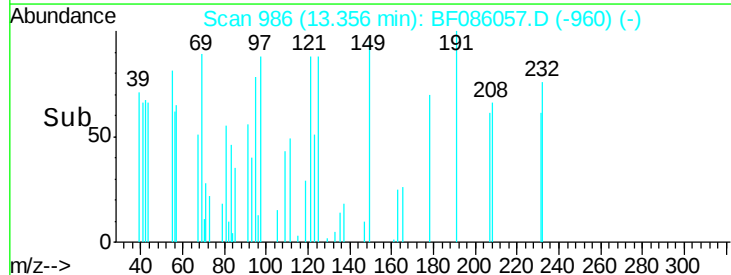
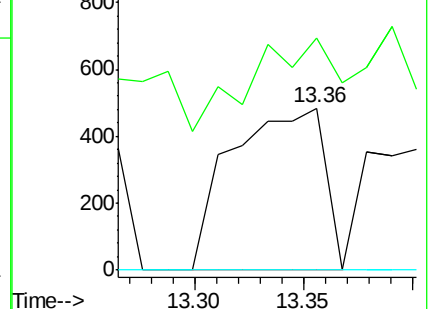
206 0.0 17.8 26.8#

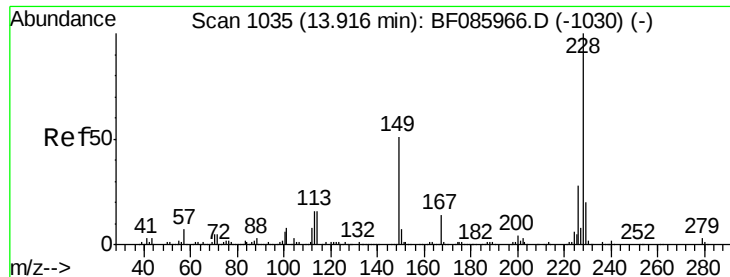


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.05 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampled :

WC-1

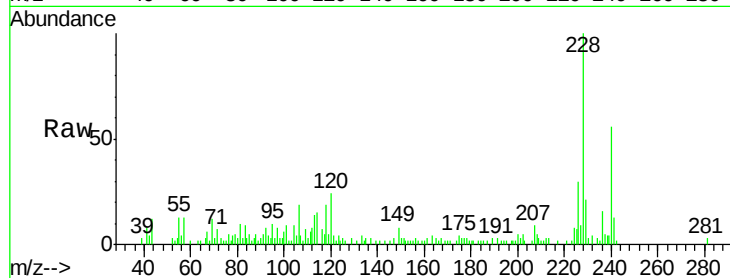
Tgt Ion:228 Resp: 23220

Ion Ratio Lower Upper

228 100

226 29.9 22.1 33.1

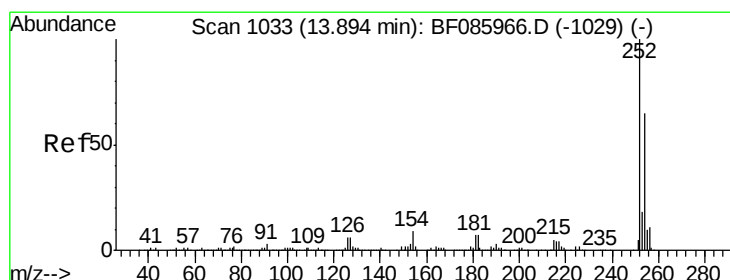
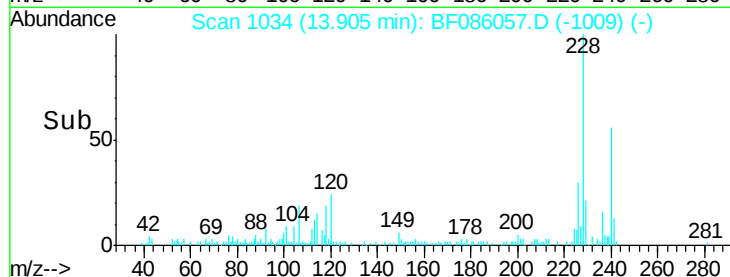
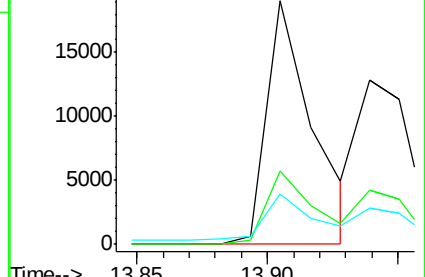
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.06 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

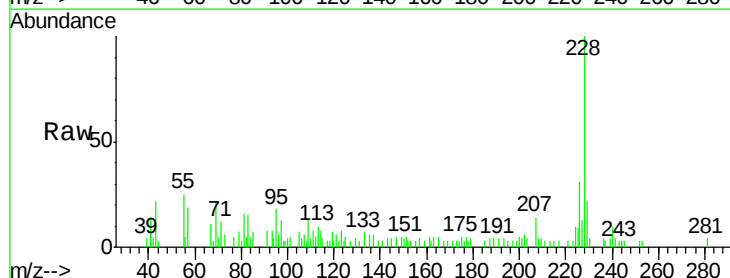
Tgt Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

254 0.0 50.7 76.1#

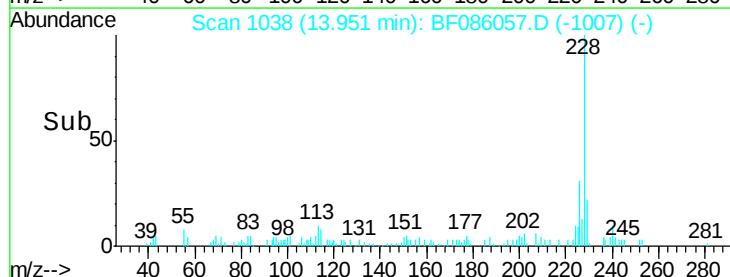
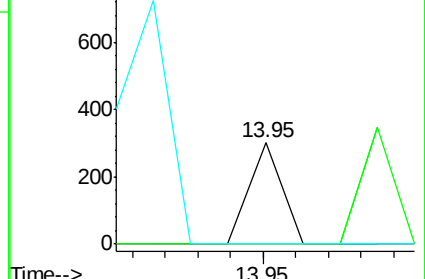
126 0.0 11.8 17.6#

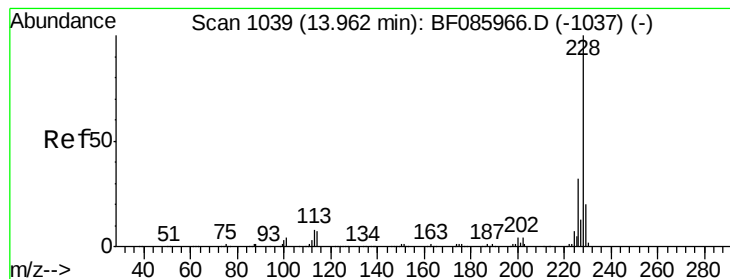


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.63 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

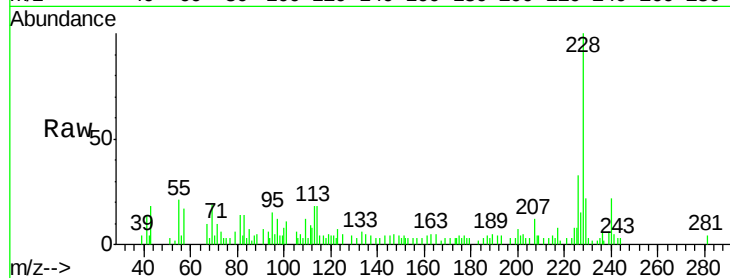
Tgt Ion:228 Resp: 17753

Ion Ratio Lower Upper

228 100

226 32.6 25.0 37.6

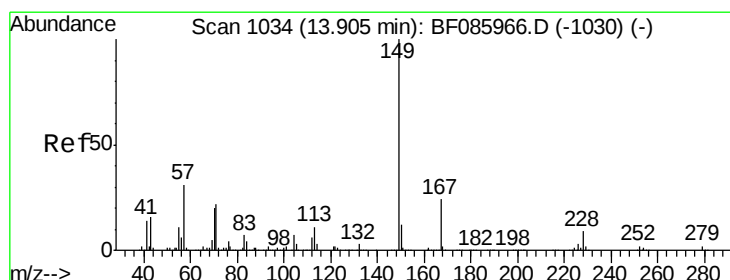
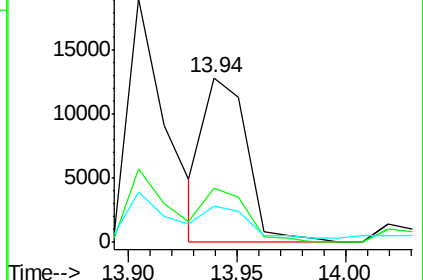
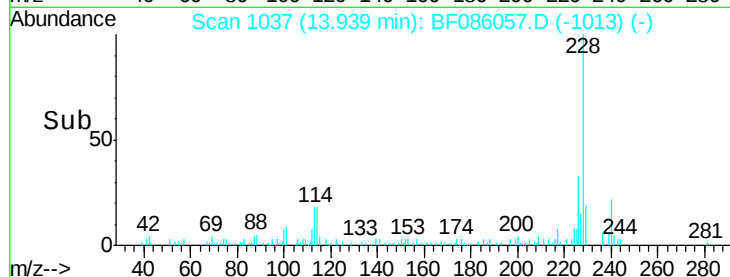
229 21.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

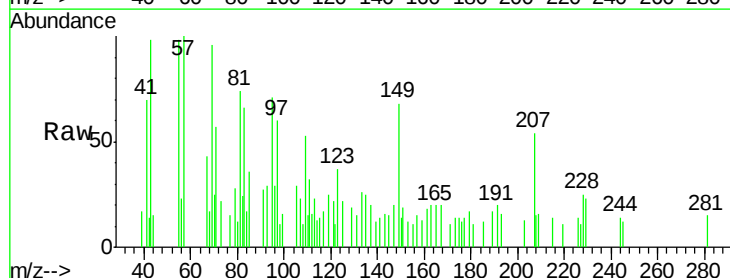
Tgt Ion:149 Resp: 2024

Ion Ratio Lower Upper

149 100

167 29.2 19.4 29.2#

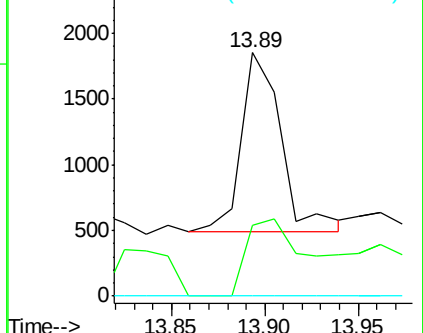
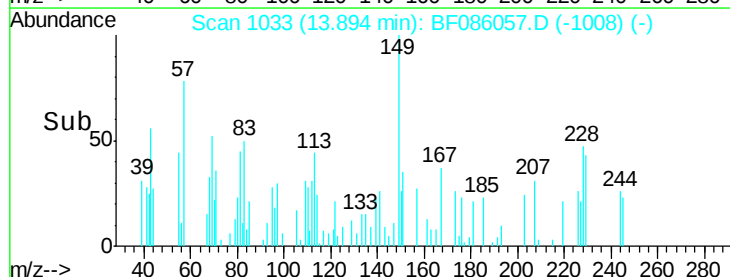
279 0.0 1.5 2.3#

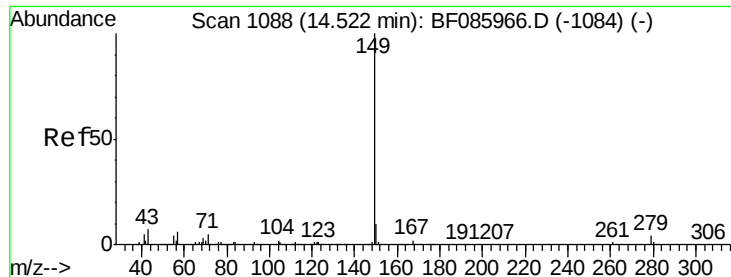


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

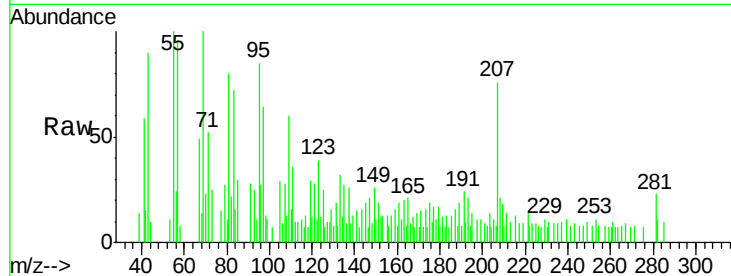




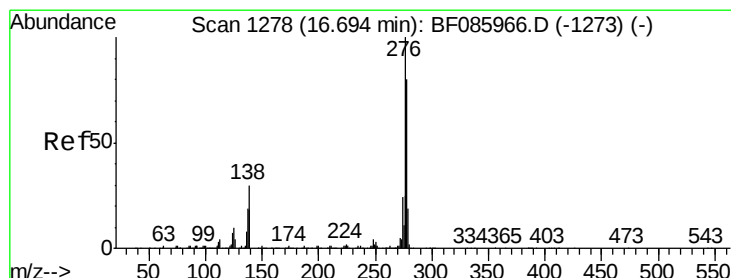
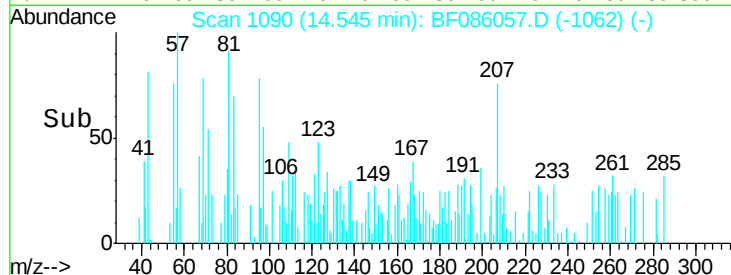
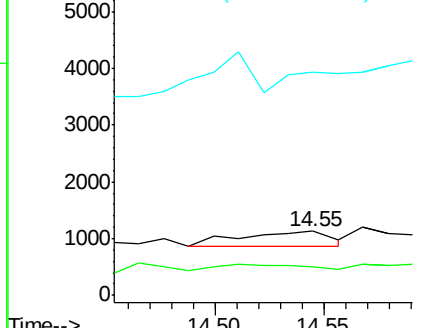
#84
Di-n-octyl phthalate
Concen: 0.06 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.02 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:149 Resp: 755
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.1 10.7#

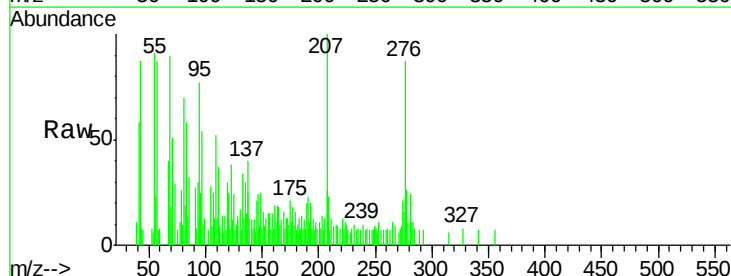


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

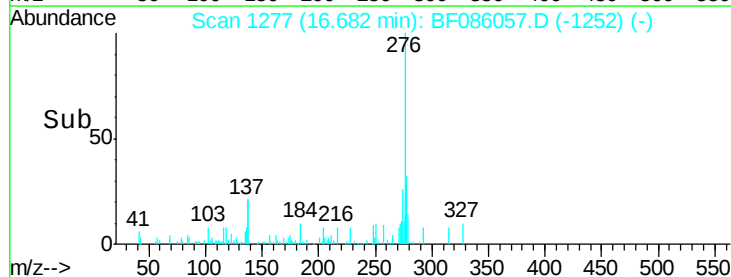
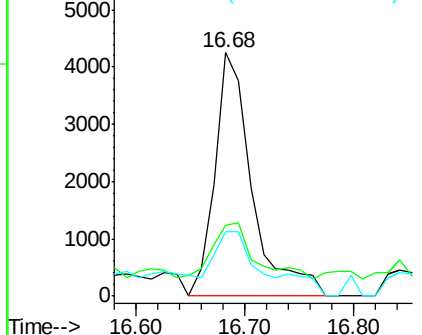


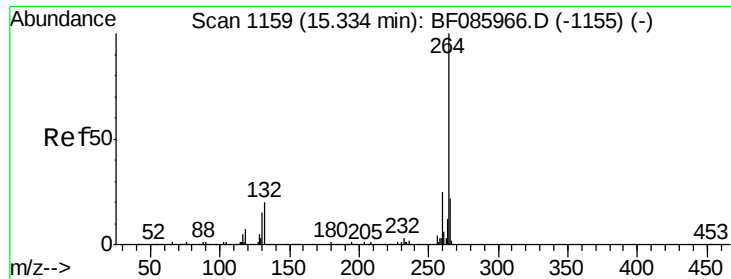
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.14 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:276 Resp: 10100
Ion Ratio Lower Upper
276 100
138 25.9 24.2 36.4
277 15.7 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

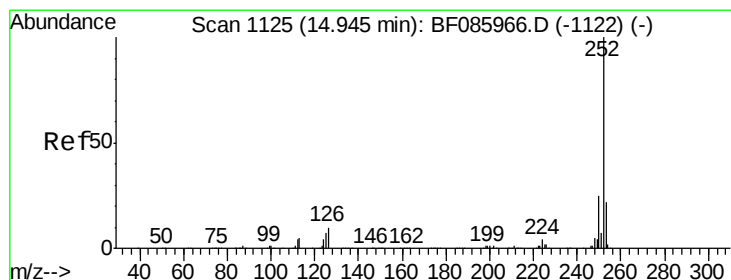
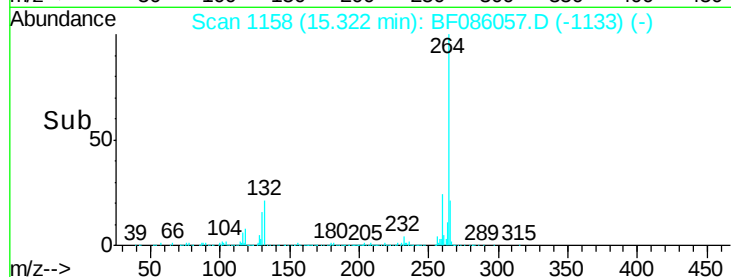
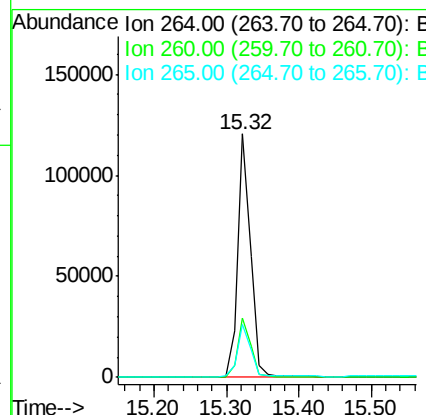
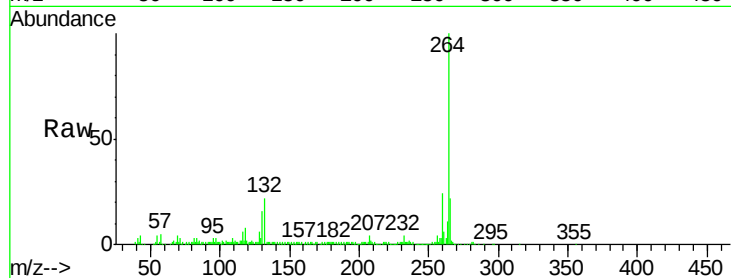




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

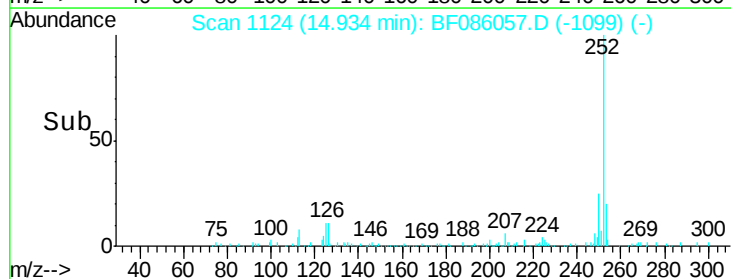
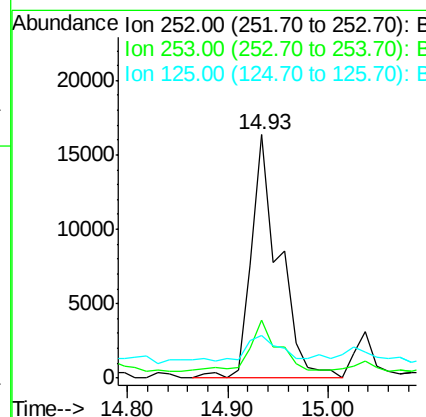
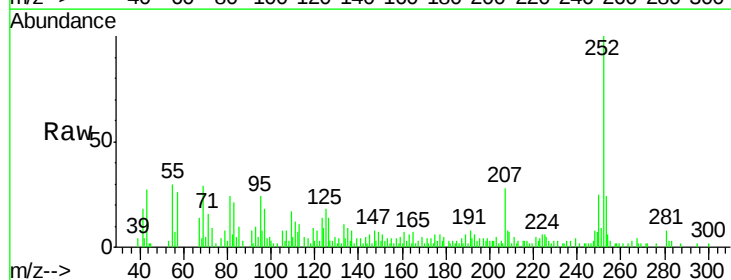
Instrument :
BNA_F
ClientSampleId :
WC-1

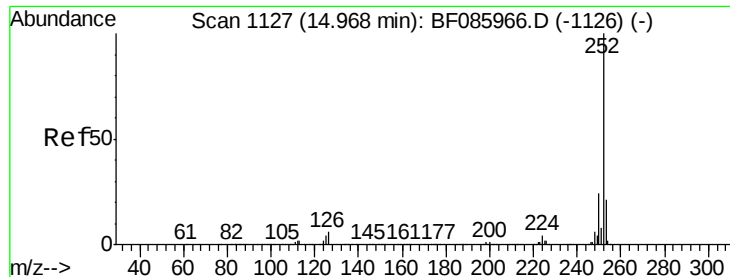
Tgt Ion: 264 Resp: 148703
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.34 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion: 252 Resp: 31248
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 17.6 10.3 15.5#

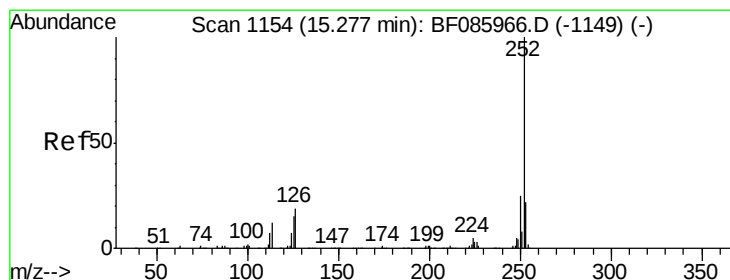
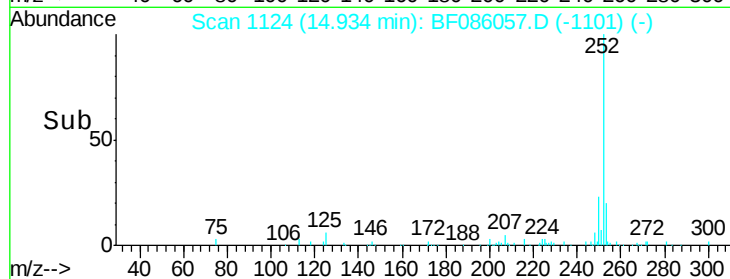
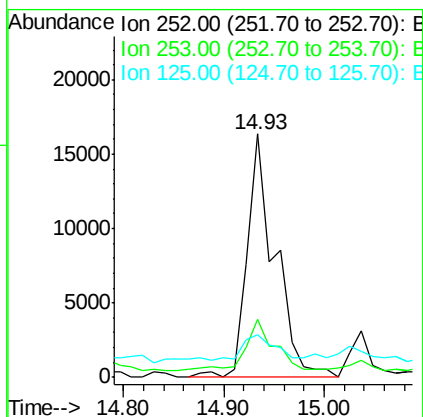
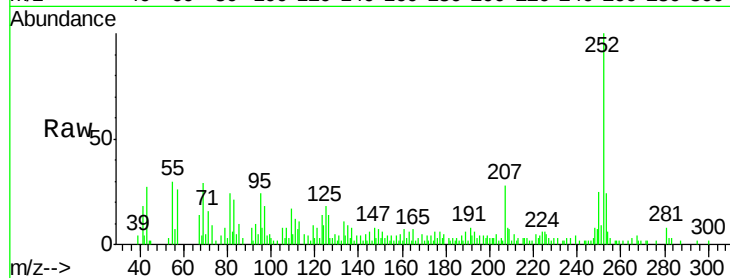




#88
Benzo(k)fluoranthene
Concen: 3.77 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

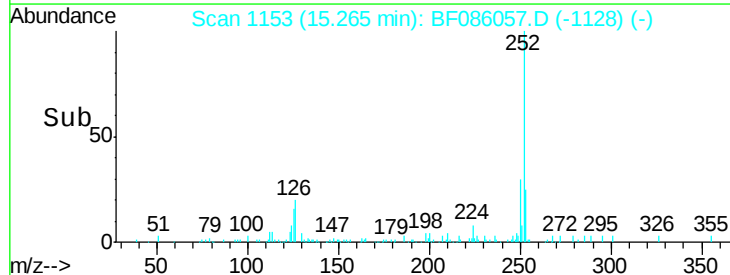
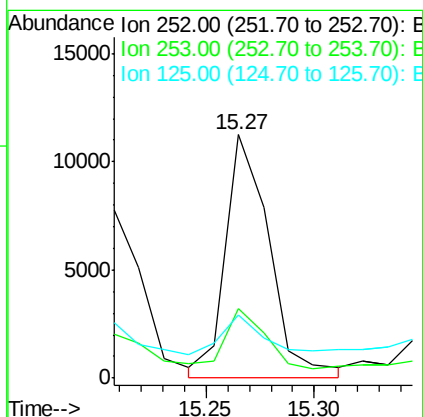
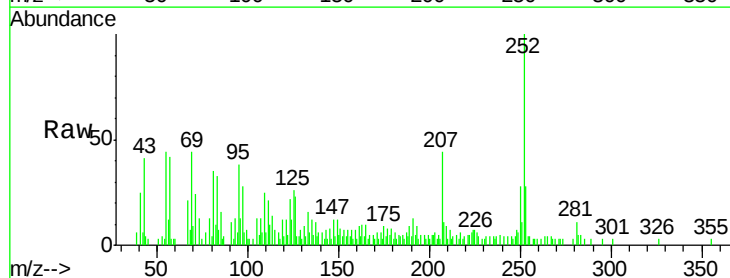
Instrument :
BNA_F
ClientSampleId :
WC-1

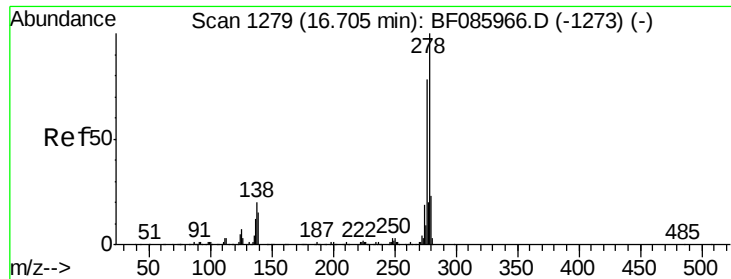
Tgt Ion:252 Resp: 31248
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 17.6 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 1.91 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086057.D
Acq: 5 Apr 2016 00:29

Tgt Ion:252 Resp: 15804
Ion Ratio Lower Upper
252 100
253 28.4 17.4 26.0#
125 26.1 10.3 15.5#





#90

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Instrument :

BNA_F

ClientSampleId :

WC-1

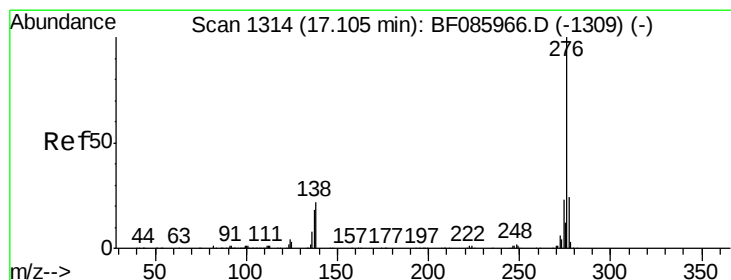
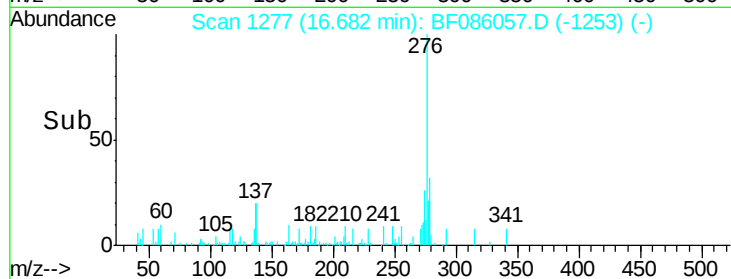
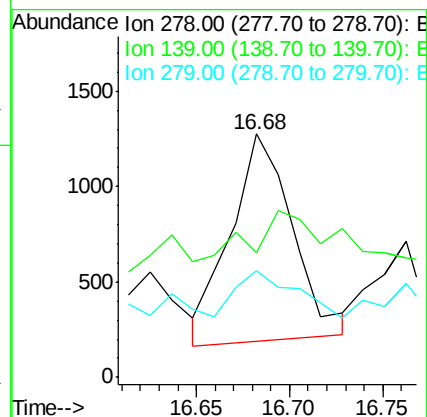
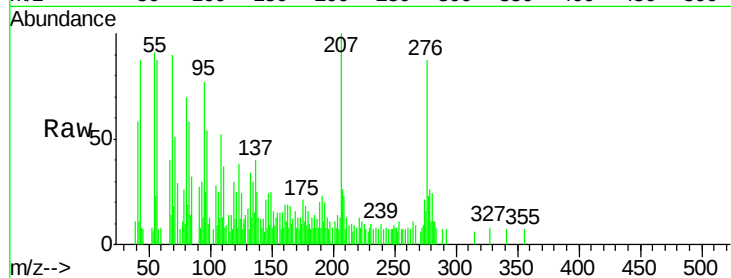
Tgt Ion:278 Resp: 2506

Ion Ratio Lower Upper

278 100

139 51.3 14.4 21.6#

279 43.8 19.1 28.7#



#91

Benzo(g,h,i)perylene

Concen: 1.35 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF086057.D

Acq: 5 Apr 2016 00:29

Tgt Ion:276 Resp: 8721

Ion Ratio Lower Upper

276 100

277 33.3 18.8 28.2#

138 37.6 22.6 34.0#

