

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088580.D
 Acq On : 1 Jul 2016 17:47
 Operator : UM/SJ
 Sample : H3768-03RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1GWRE

Quant Time: Jul 01 18:59:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104788	20.00	ng	0.02
21) Naphthalene-d8	8.12	136	209532	20.00	ng	0.02
38) Acenaphthene-d10	9.88	164	132706	20.00	ng	0.03
63) Phenanthrene-d10	11.34	188	306414	20.00	ng	0.01
75) Chrysene-d12	13.95	240	287344	20.00	ng	0.00
86) Perylene-d12	15.35	264	248267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	626513	89.61	ng	0.00
7) Phenol-d6	6.44	99	534215	59.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	477215	119.35	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	233312	189.33	ng	0.02
44) 2-Fluorobiphenyl	9.21	172	729322	86.81	ng	0.03
78) Terphenyl-d14	12.91	244	923085	71.55	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.11	42	10650	2.77	ng	# 1
6) Aniline	6.51	93	39874	3.03	ng	# 1
9) Benzaldehyde	6.38	77	62285	10.18	ng	# 1
11) bis(2-Chloroethyl)ether	6.51	93	39874	5.19	ng	# 1
15) Benzyl Alcohol	6.95	79	128363	19.31	ng	# 55
17) 2-Methylphenol	7.12	107	13195	2.15	ng	# 1
18) Hexachloroethane	7.32	117	63444	19.98	ng	# 1
19) n-Nitroso-di-n-propylamine	7.28	70	180721	29.78	ng	# 65
20) 3+4-Methylphenols	7.29	107	29064	3.95	ng	# 1
22) Acetophenone	7.24	105	646593	127.14	ng	# 59
24) Nitrobenzene	7.38	77	97918	24.29	ng	# 14
25) Isophorone	7.68	82	361066	48.75	ng	# 1
26) 2-Nitrophenol	7.71	139	55400	33.51	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	32256	9.37	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	66371	13.77	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	32805	11.79	ng	# 1
30) 1,2,4-Trichlorobenzene	8.03	180	29030	9.51	ng	# 83
31) Naphthalene	8.14	128	156872	15.19	ng	# 1
32) Benzoic acid	7.94	122	35507	14.20	ng	# 1
33) 4-Chloroaniline	8.19	127	38823	8.45	ng	# 1
35) Caprolactam	8.60	113	322918	341.69	ng	# 44
36) 4-Chloro-3-methylphenol	8.68	107	18139	5.51	ng	# 31
42) 2,4,6-Trichlorophenol	9.14	196	32931	11.32	ng	# 11
43) 2,4,5-Trichlorophenol	9.14	196	32931	13.15	ng	# 1
45) 1,1'-Biphenyl	9.31	154	149280	13.58	ng	# 91
47) 2-Nitroaniline	9.36	65	26900	8.79	ng	# 41
48) Acenaphthylene	9.75	152	33120	2.41	ng	# 1
49) Dimethylphthalate	9.59	163	61470	6.50	ng	# 68
50) 2,6-Dinitrotoluene	9.67	165	38534	18.39	ng	# 75
51) Acenaphthene	9.92	154	19899	2.37	ng	# 1
54) Dibenzofuran	10.08	168	71618	6.50	ng	# 30
55) 4-Nitrophenol	9.99	139	27932	13.80	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	11092	4.05	ng	# 71
57) Fluorene	10.42	166	81798	9.64	ng	# 67

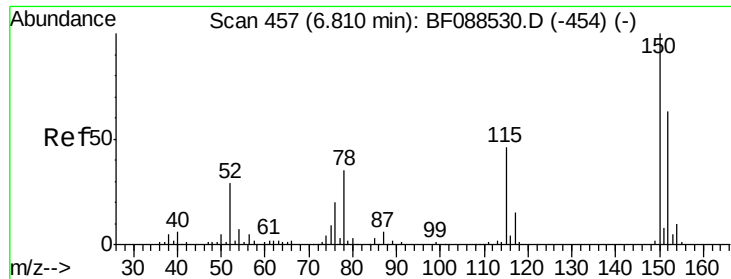
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088580.D
Acq On : 1 Jul 2016 17:47
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.62	138	8509	3.32	ng	87
62) Azobenzene	10.59	77	77868	7.19	ng	# 24
65) n-Nitrosodiphenylamine	10.54	169	172335	16.62	ng	# 43
70) Phenanthrene	11.36	178	159805	9.54	ng	# 94
74) Fluoranthene	12.54	202	79186	4.66	ng	96
77) Pyrene	12.75	202	77391	3.18	ng	96
87) Benzo(b)fluoranthene	14.95	252	39489	2.54	ng	# 73
88) Benzo(k)fluoranthene	14.95	252	39489	2.91	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampled :

B1GWRE

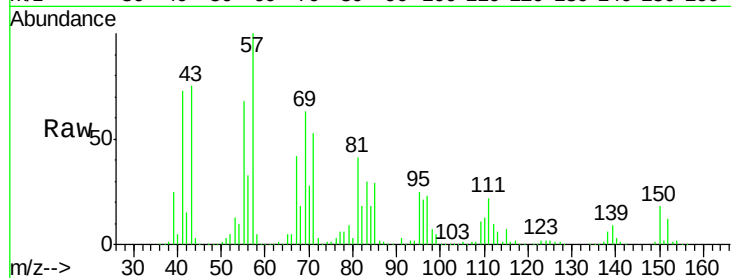
Tgt Ion:152 Resp: 104788

Ion Ratio Lower Upper

152 100

150 151.8 123.8 185.6

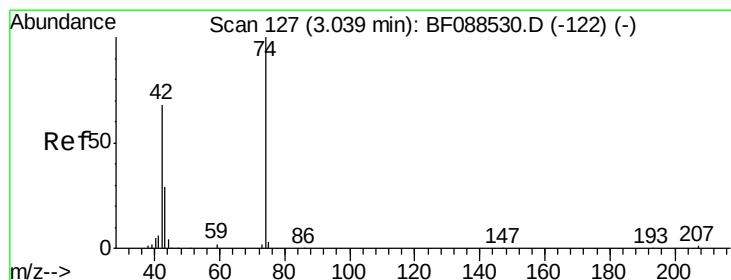
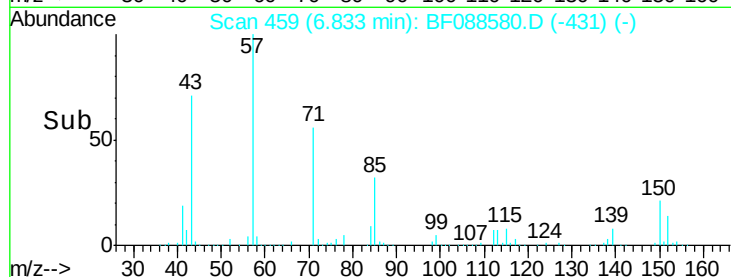
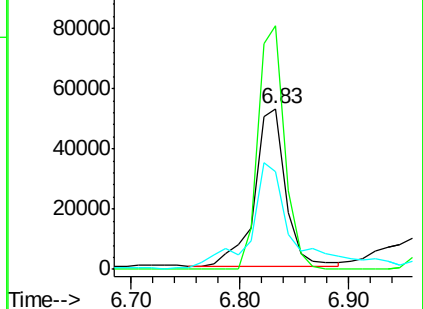
115 61.1 39.6 59.4#



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



#4

n-Nitrosodimethylamine

Concen: 2.77 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.07 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

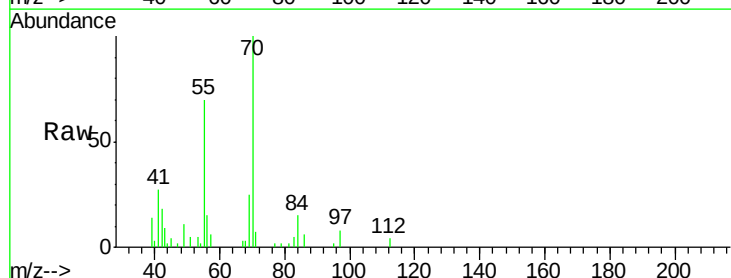
Tgt Ion: 42 Resp: 10650

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

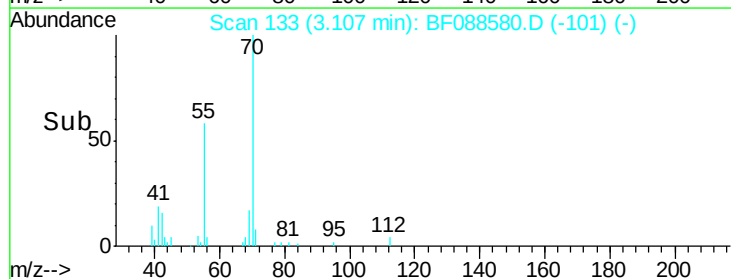
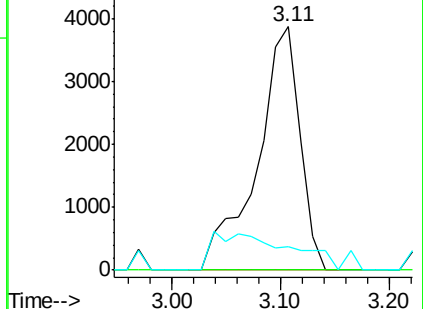
44 9.7 5.5 8.3#

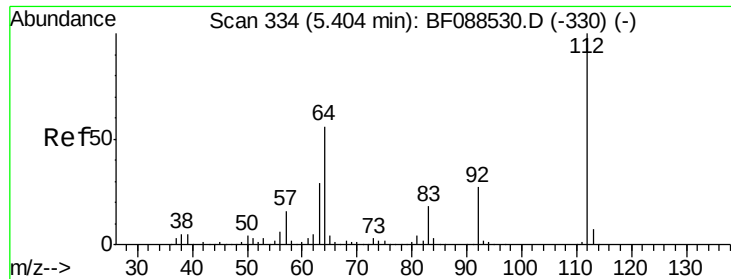


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.61 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

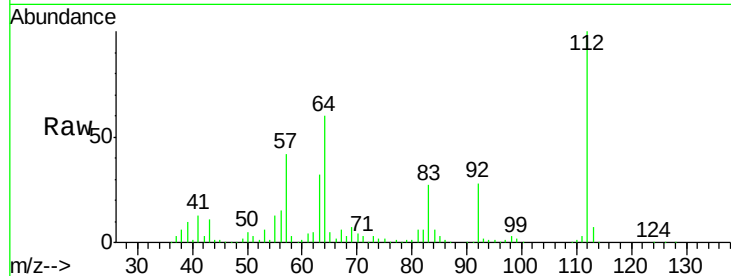
Tgt Ion: 112 Resp: 626513

Ion Ratio Lower Upper

112 100

64 60.5 42.2 63.2

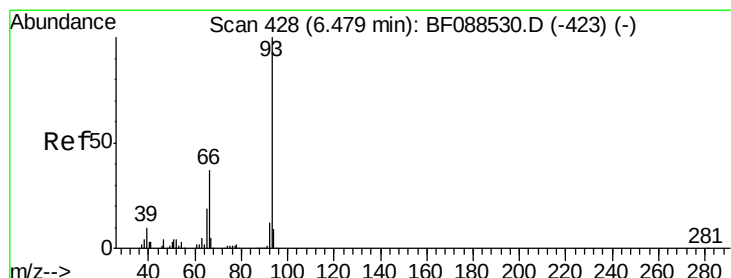
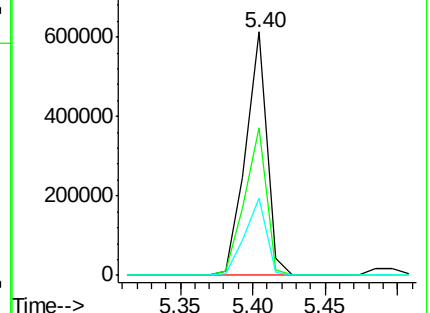
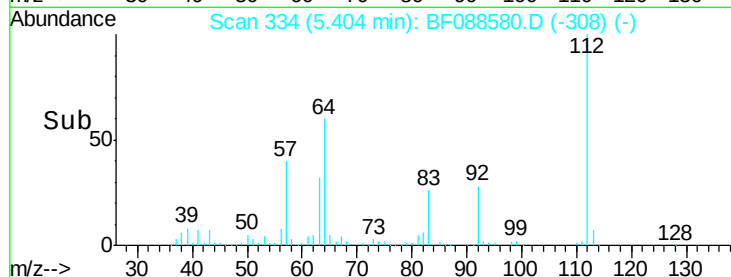
63 31.9 21.8 32.8



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: 3.03 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

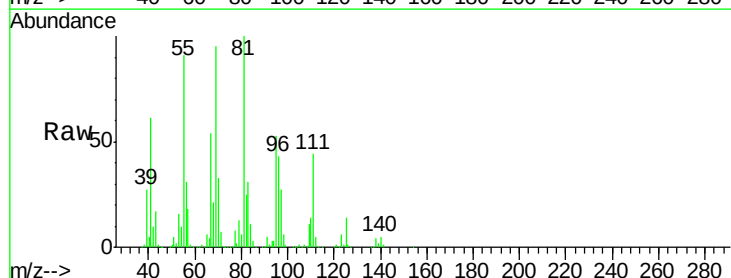
Tgt Ion: 93 Resp: 39874

Ion Ratio Lower Upper

93 100

66 118.0 29.8 44.8#

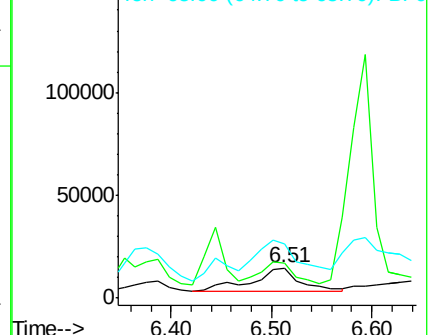
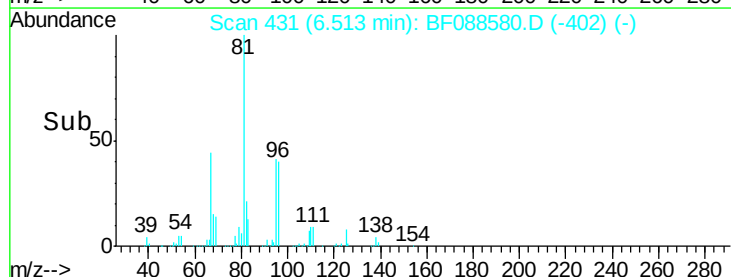
65 181.6 14.9 22.3#

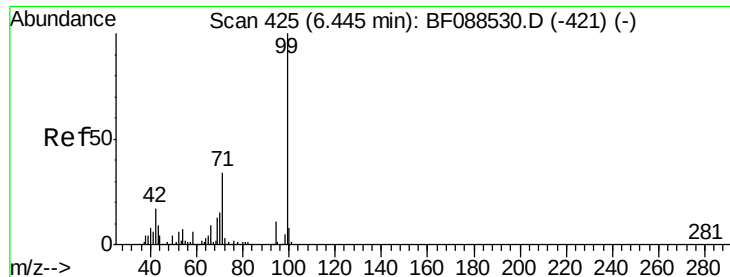


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 59.13 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

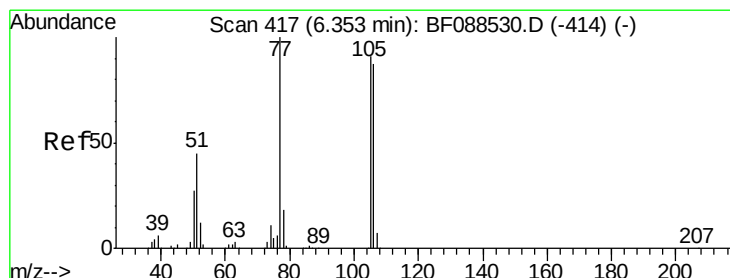
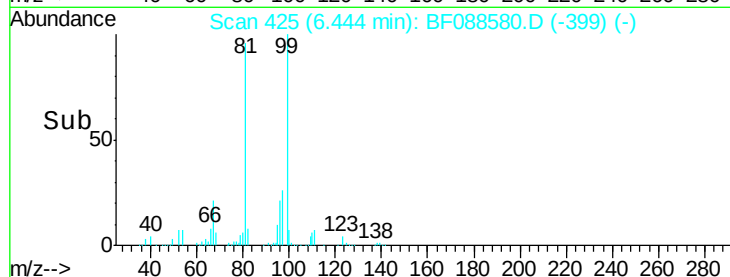
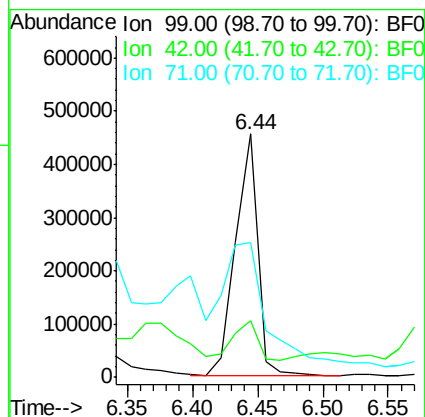
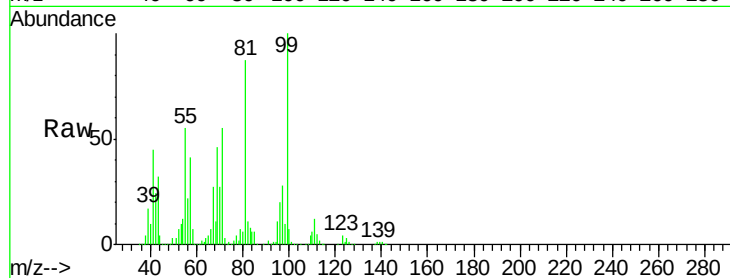
Tgt Ion: 99 Resp: 534215

Ion Ratio Lower Upper

99 100

42 23.5 12.2 18.2#

71 55.1 23.4 35.0#



#9

Benzaldehyde

Concen: 10.18 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

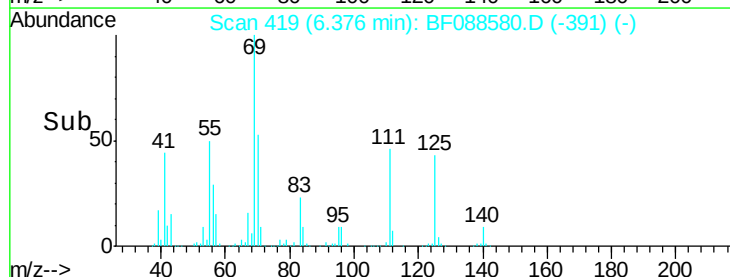
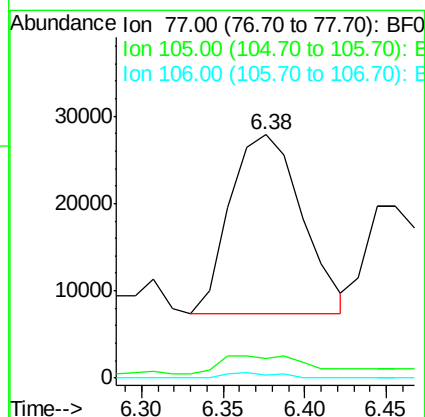
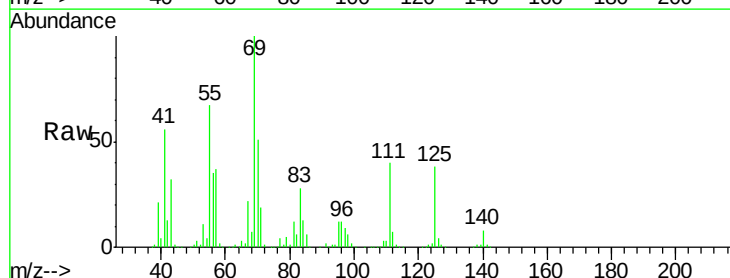
Tgt Ion: 77 Resp: 62285

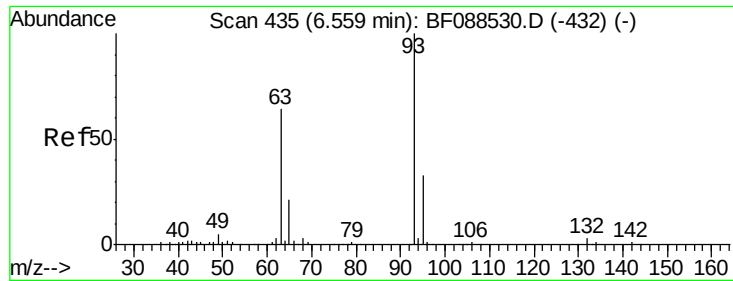
Ion Ratio Lower Upper

77 100

105 8.1 90.6 130.6#

106 1.5 85.3 125.3#

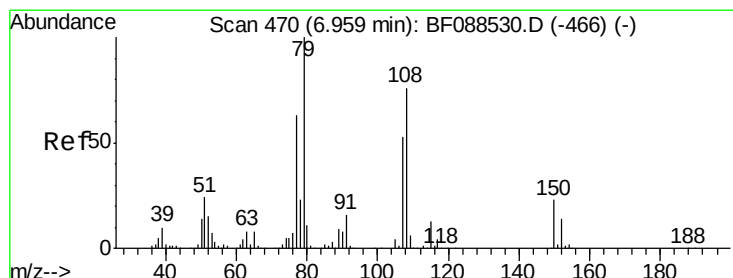
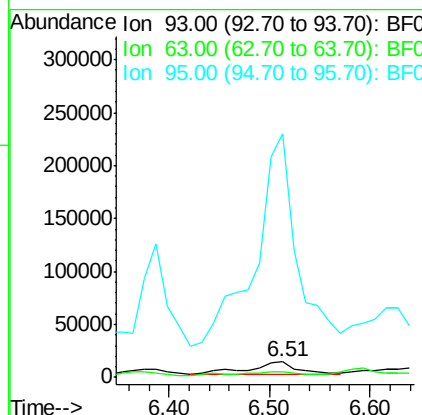
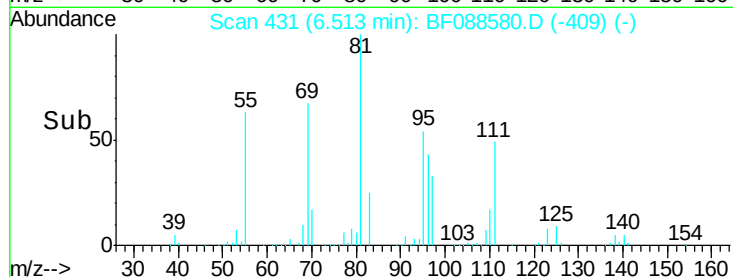
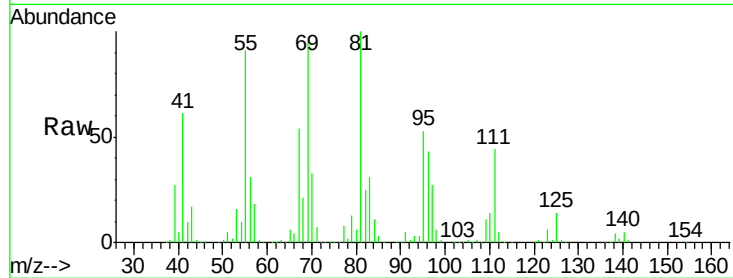




#11
bis(2-Chloroethyl)ether
Concen: 5.19 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

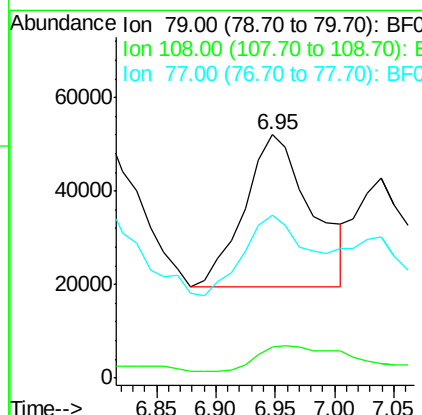
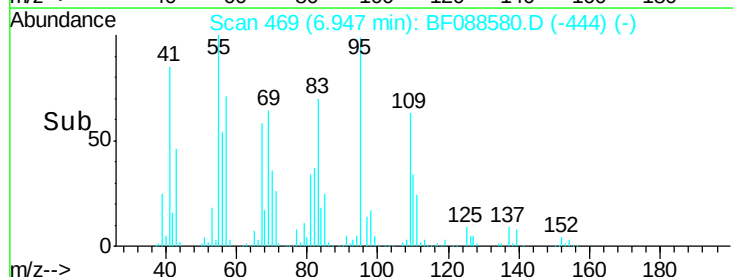
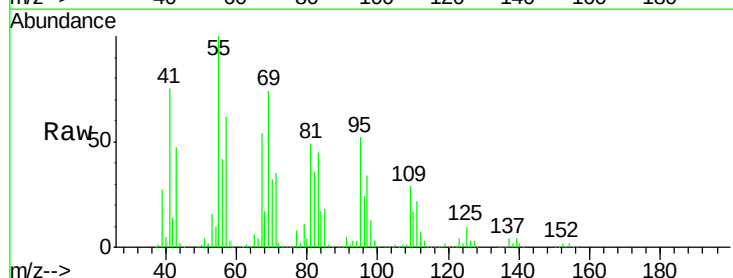
Instrument :
BNA_F
ClientSampleId :
B1GWRE

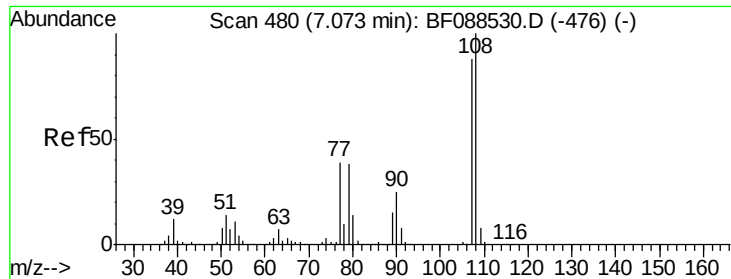
Tgt Ion: 93 Resp: 39874
Ion Ratio Lower Upper
93 100
63 36.2 67.6 107.6#
95 1571.5 12.5 52.5#



#15
Benzyl Alcohol
Concen: 19.31 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion: 79 Resp: 128363
Ion Ratio Lower Upper
79 100
108 13.0 65.0 97.6#
77 66.7 50.3 75.5

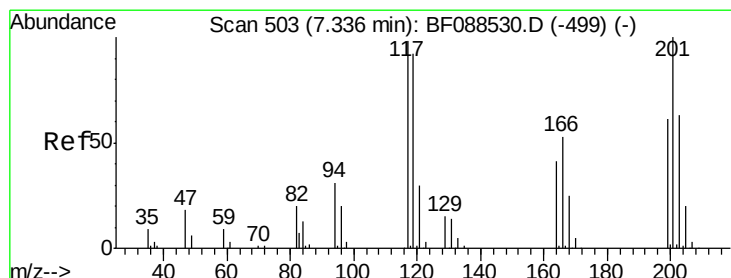
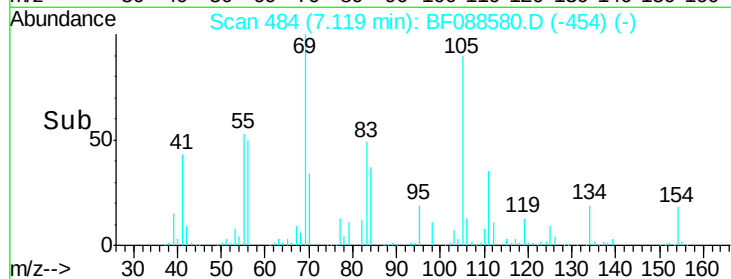
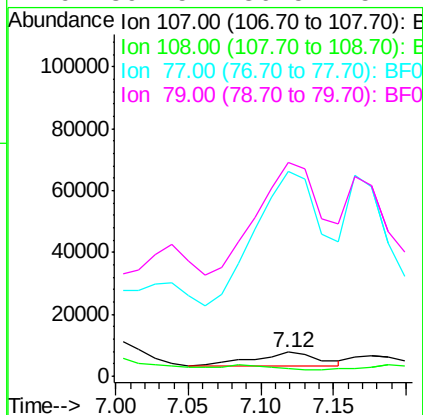
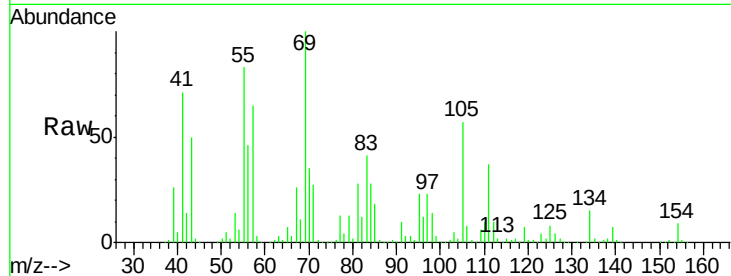




#17
2-Methylphenol
Concen: 2.15 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.05 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

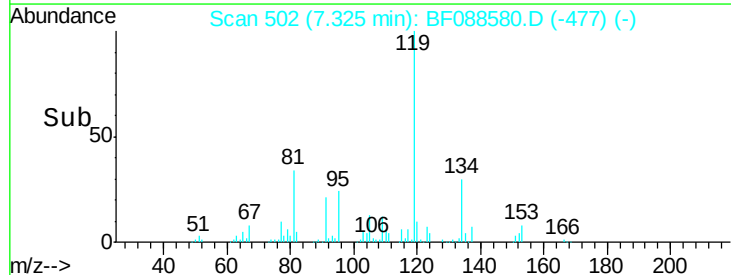
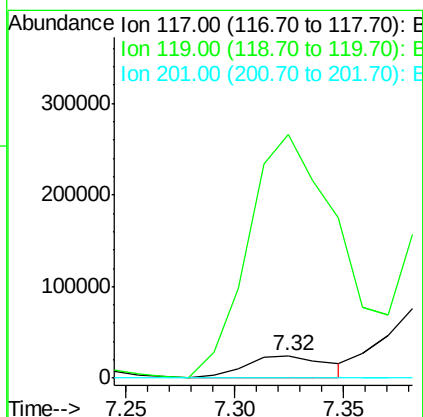
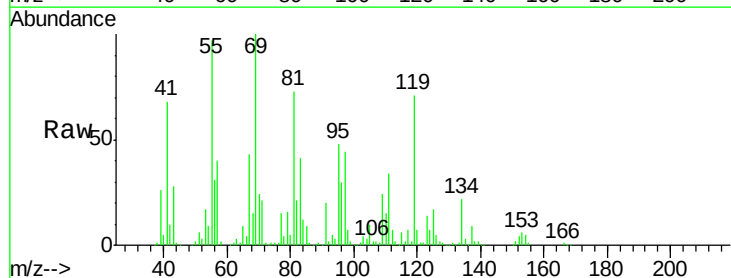
Instrument :
BNA_F
ClientSampleId :
B1GWRE

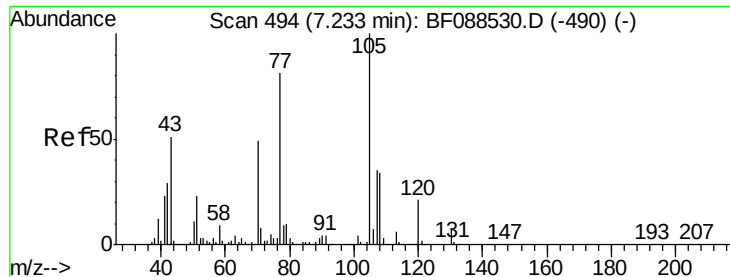
Tgt Ion:107 Resp: 13195
Ion Ratio Lower Upper
107 100
108 32.6 90.9 136.3#
77 857.5 36.6 55.0#
79 891.5 36.5 54.7#



#18
Hexachloroethane
Concen: 19.98 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:117 Resp: 63444
Ion Ratio Lower Upper
117 100
119 1070.4 77.4 116.2#
201 0.0 80.4 120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 29.78 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.05 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

Tgt Ion: 70 Resp: 180721

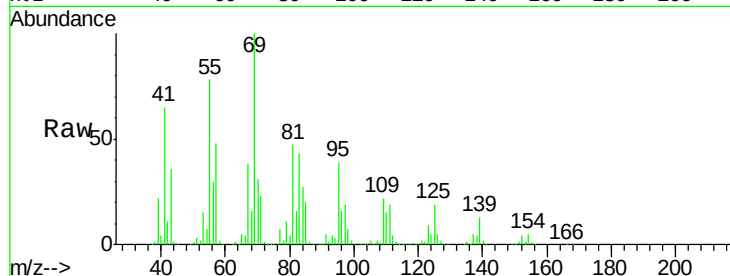
Ion Ratio Lower Upper

70 100

42 35.8 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#

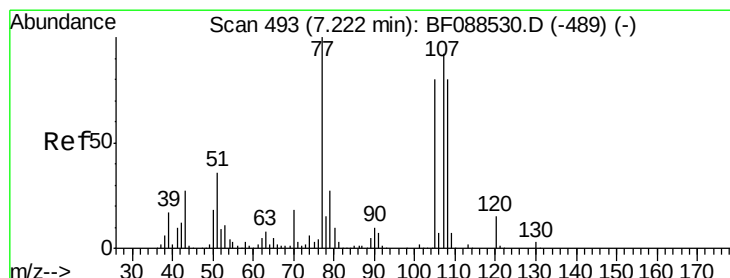
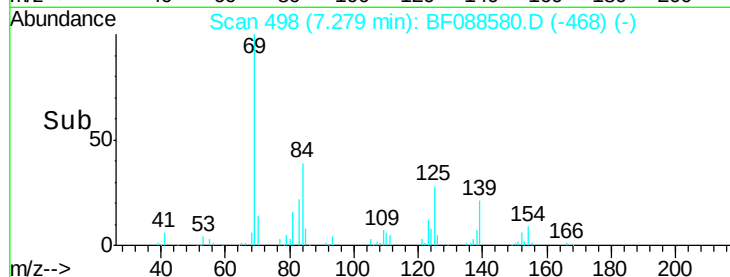
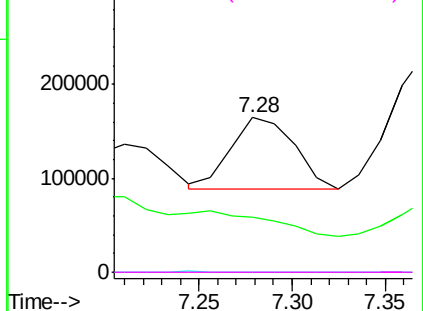


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 3.95 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.07 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Tgt Ion:107 Resp: 29064

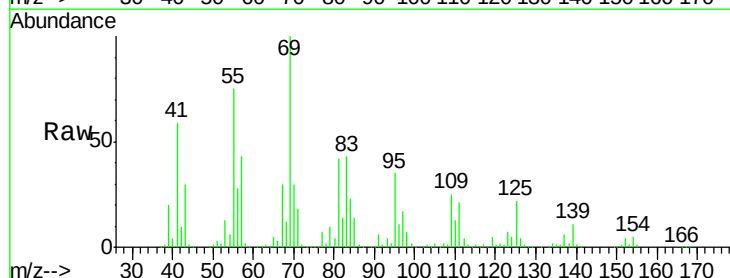
Ion Ratio Lower Upper

107 100

108 82.7 67.8 107.8

77 430.9 59.3 99.3#

79 584.6 7.0 47.0#

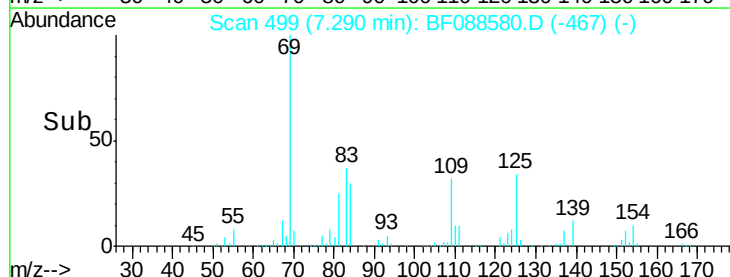
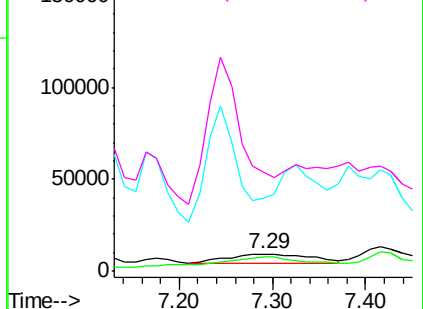


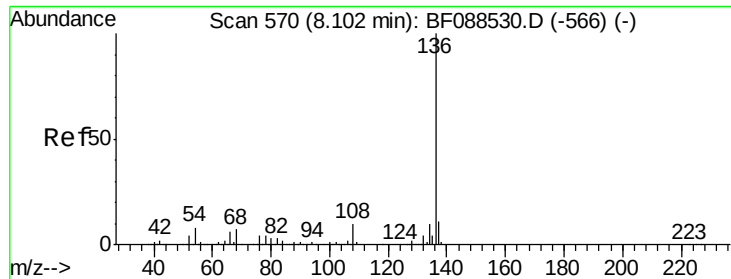
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

Tgt Ion:136 Resp: 209532

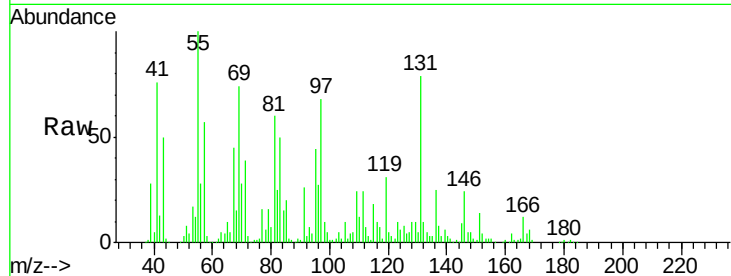
Ion Ratio Lower Upper

136 100

137 32.5 9.1 13.7#

54 47.9 6.6 10.0#

68 60.4 5.1 7.7#

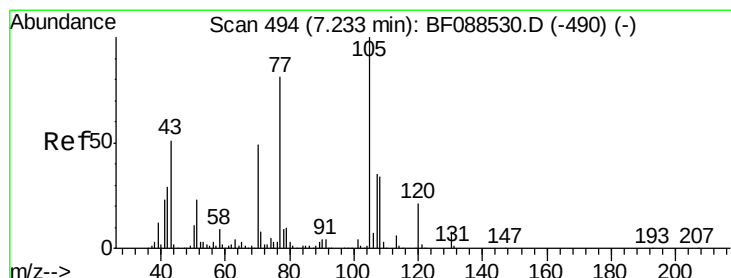
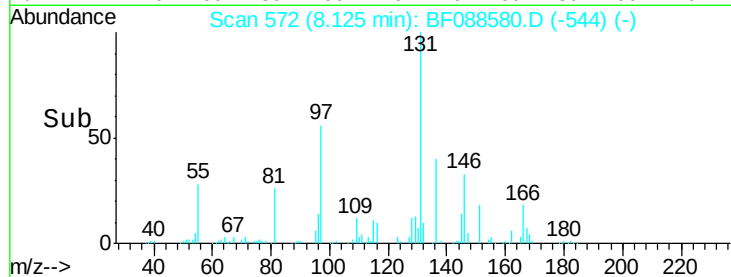
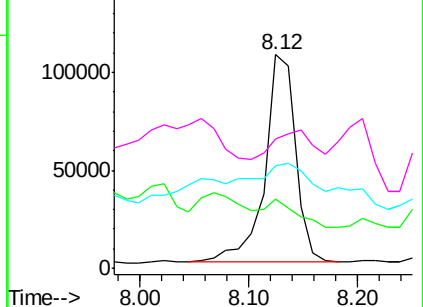


Abundance Ion 136.00 (135.70 to 136.70): E

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: 127.14 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Tgt Ion:105 Resp: 646593

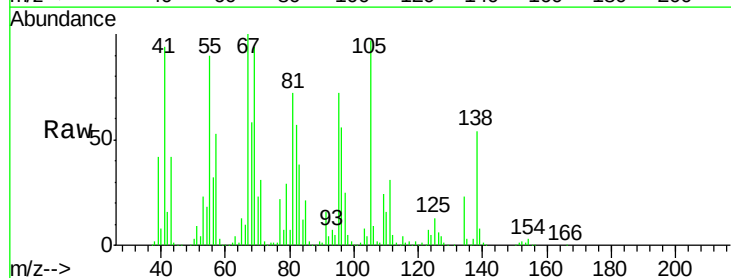
Ion Ratio Lower Upper

105 100

71 32.1 5.3 7.9#

51 9.7 18.2 27.4#

120 0.3 18.0 27.0#

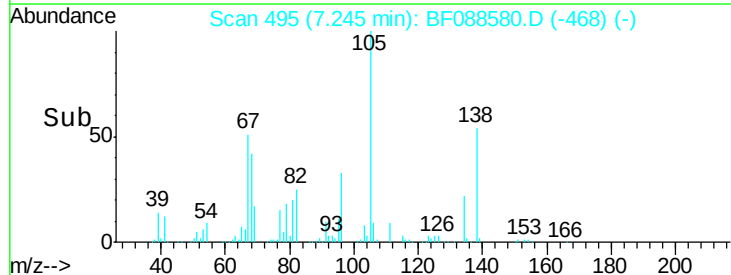
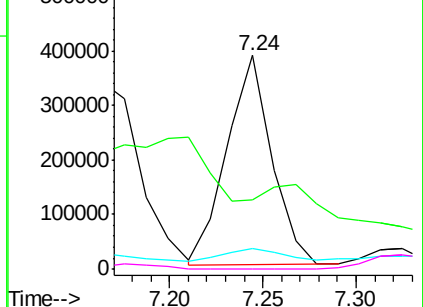


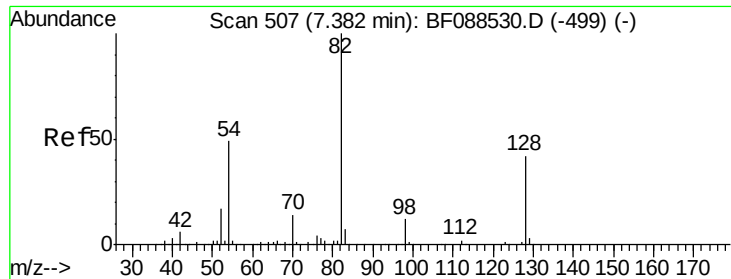
Abundance Ion 105.00 (104.70 to 105.70): E

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

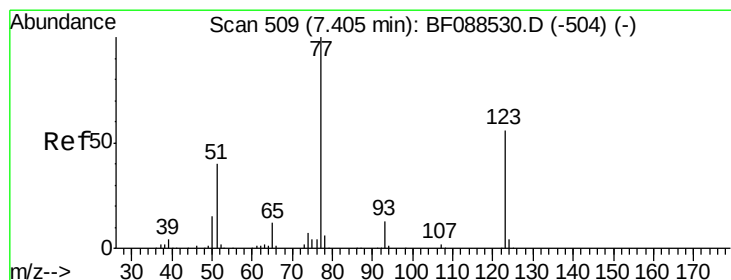
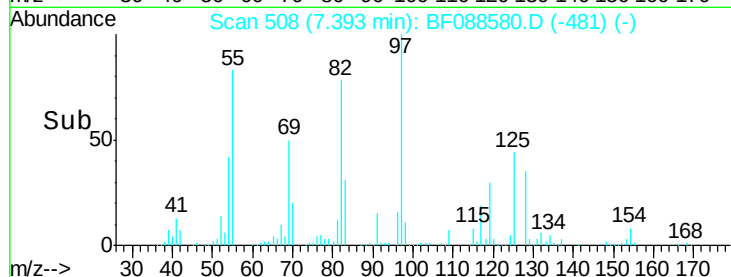
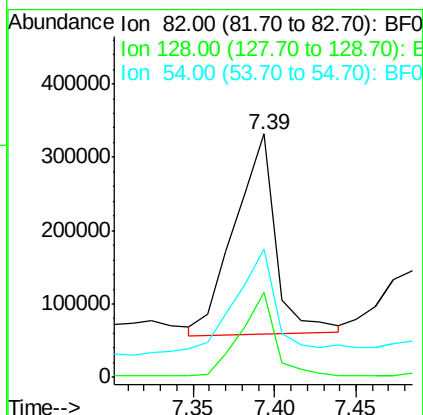
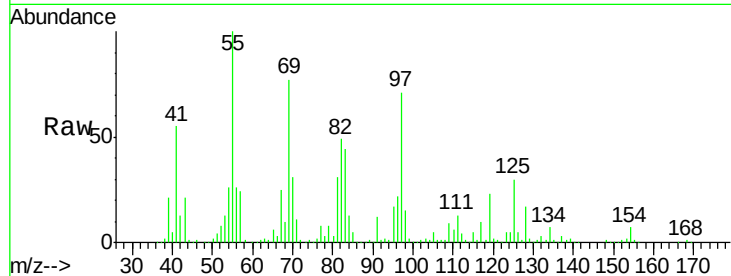




#23
Nitrobenzene-d5
Concen: 119.35 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

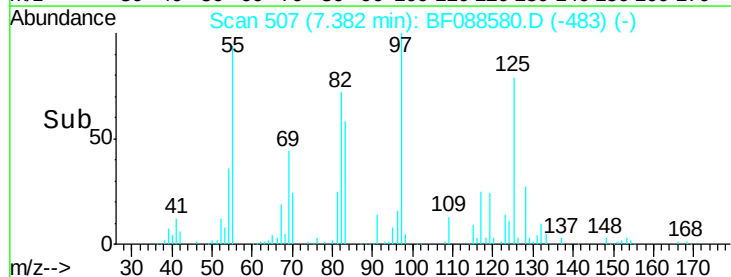
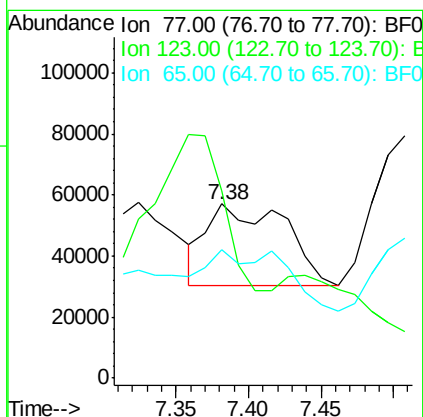
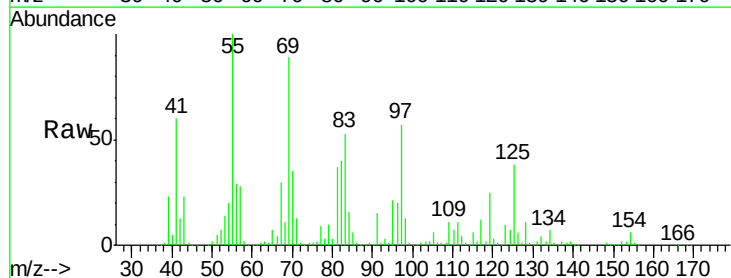
Instrument :
BNA_F
ClientSampleId :
B1GWRE

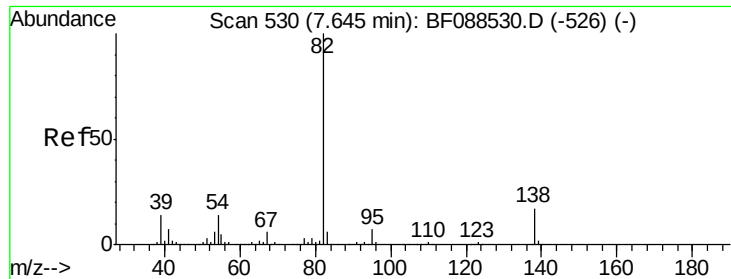
Tgt Ion: 82 Resp: 477215
Ion Ratio Lower Upper
82 100
128 34.7 35.9 53.9#
54 52.7 40.9 61.3



#24
Nitrobenzene
Concen: 24.29 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion: 77 Resp: 97918
Ion Ratio Lower Upper
77 100
123 107.5 45.0 67.4#
65 73.4 10.2 15.2#





#25

Isophorone

Concen: 48.75 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

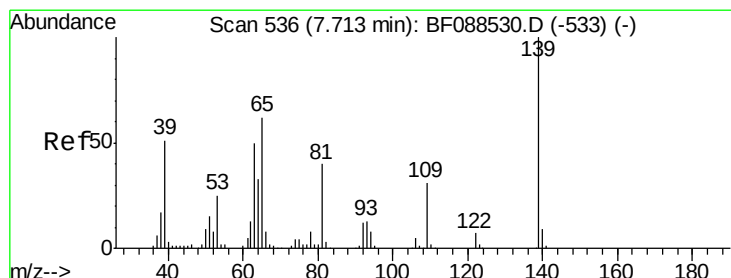
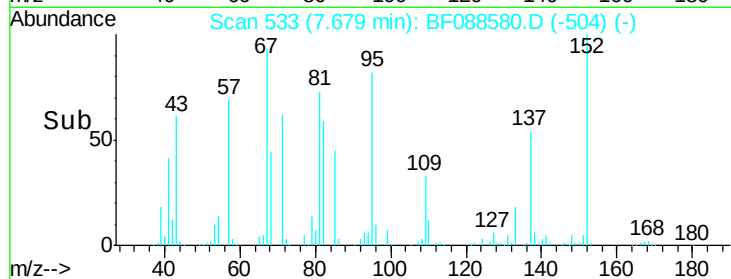
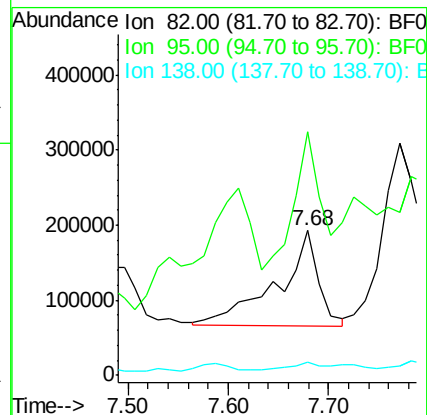
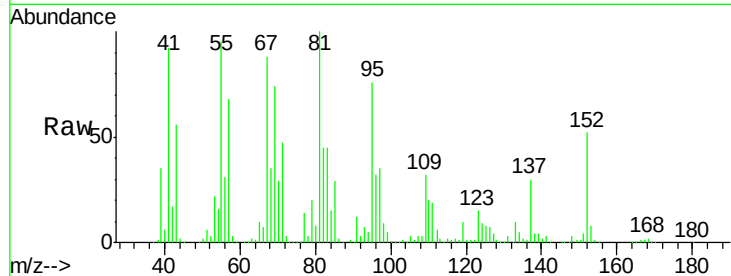
Tgt Ion: 82 Resp: 361066

Ion Ratio Lower Upper

82 100

95 168.6 5.4 8.2#

138 8.8 14.6 21.8#



#26

2-Nitrophenol

Concen: 33.51 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

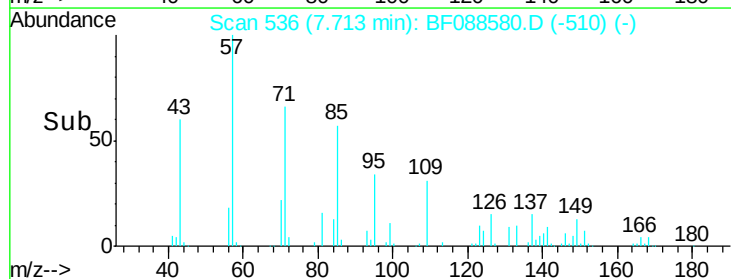
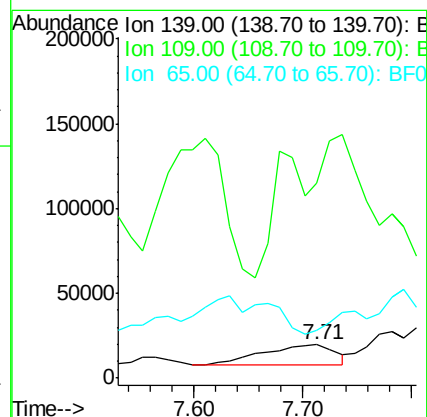
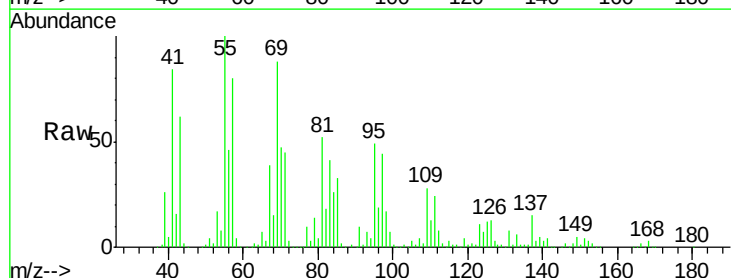
Tgt Ion: 139 Resp: 55400

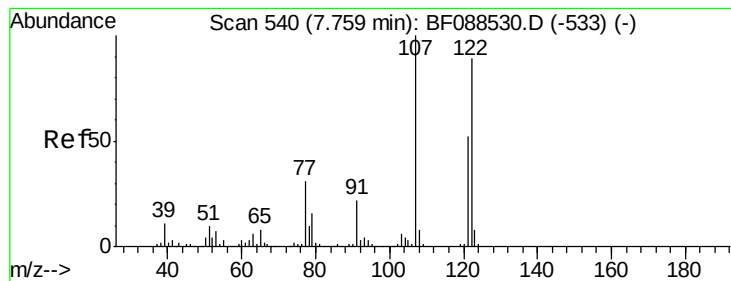
Ion Ratio Lower Upper

139 100

109 586.6 23.0 34.4#

65 144.4 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 9.37 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.05 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

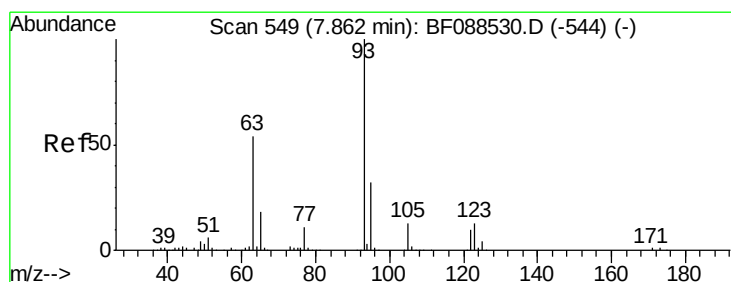
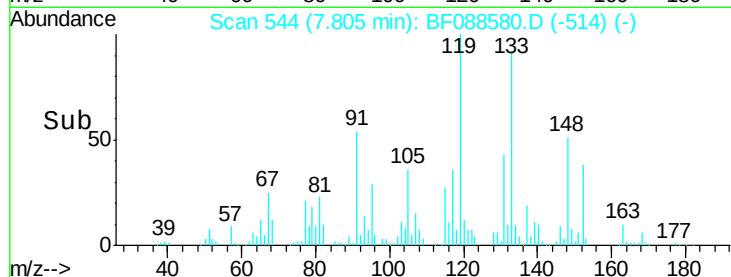
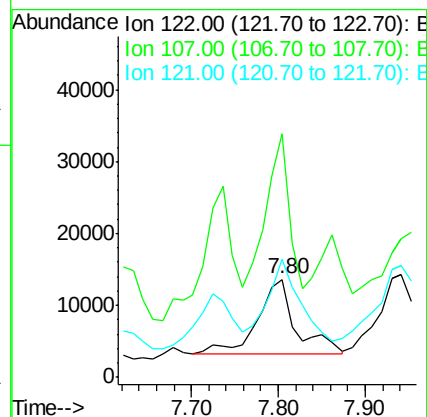
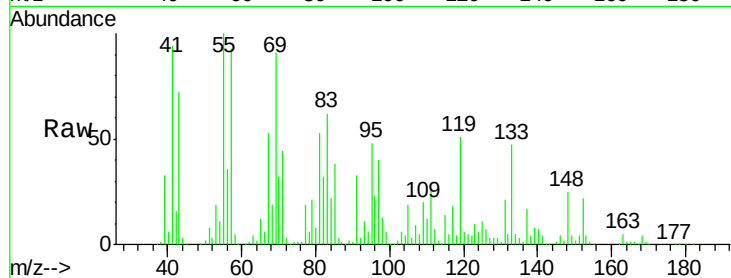
Tgt Ion:122 Resp: 32256

Ion Ratio Lower Upper

122 100

107 249.2 82.4 123.6#

121 121.0 46.3 69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 13.77 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.08 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

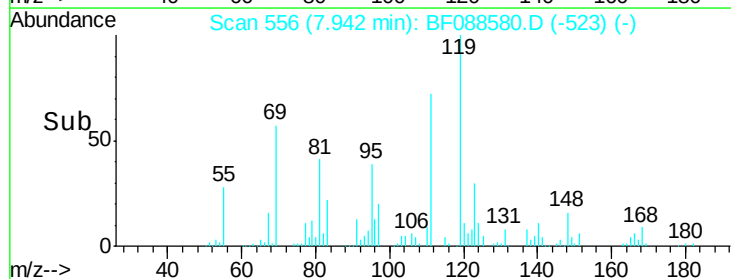
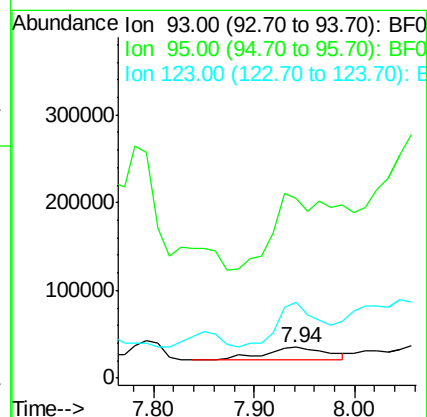
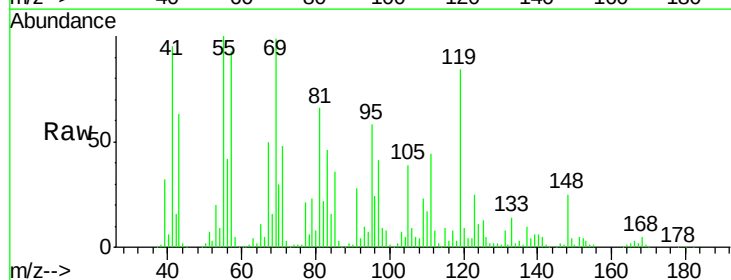
Tgt Ion: 93 Resp: 66371

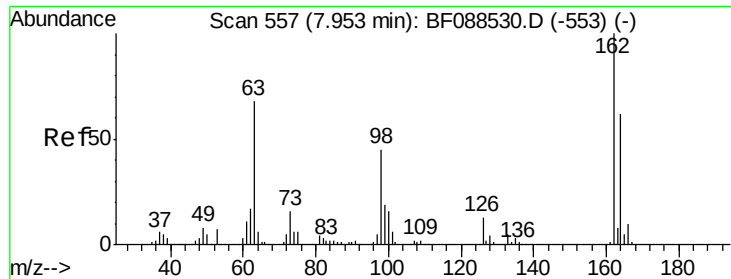
Ion Ratio Lower Upper

93 100

95 579.5 26.5 39.7#

123 245.8 11.6 17.4#





#29

2,4-Dichlorophenol

Concen: 11.79 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

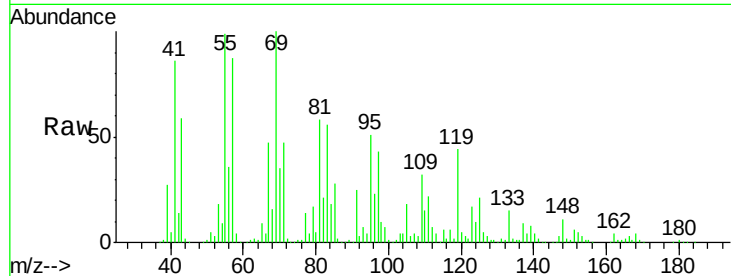
Tgt Ion:162 Resp: 32805

Ion Ratio Lower Upper

162 100

164 14.6 43.8 83.8#

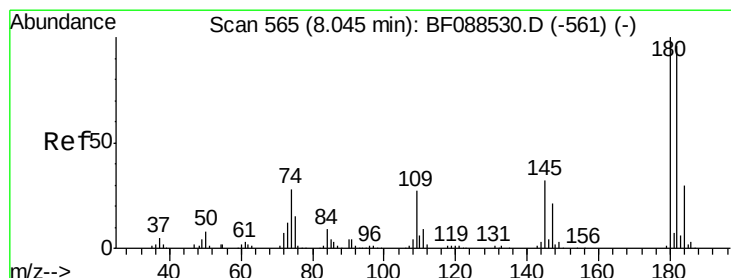
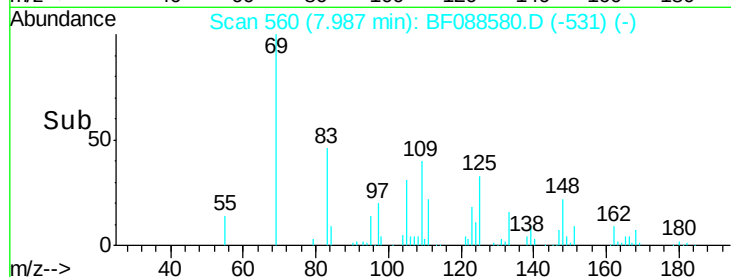
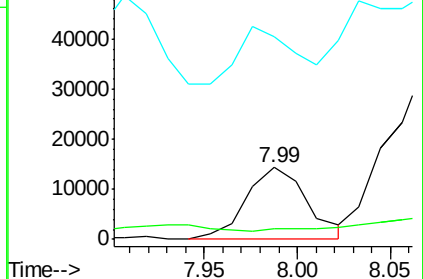
98 283.4 21.3 61.3#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 9.51 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

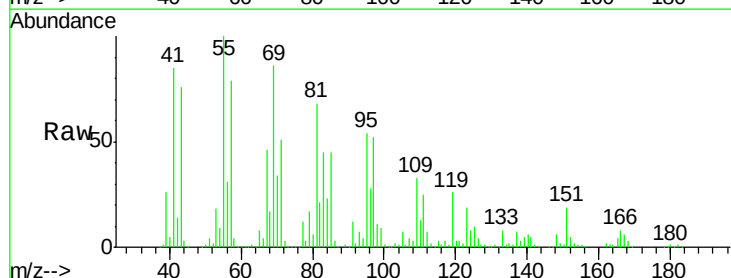
Tgt Ion:180 Resp: 29030

Ion Ratio Lower Upper

180 100

182 92.8 76.0 114.0

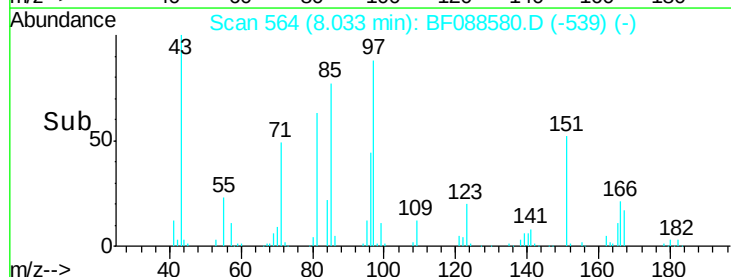
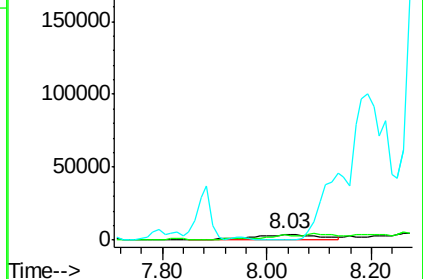
145 0.0 26.5 39.7#

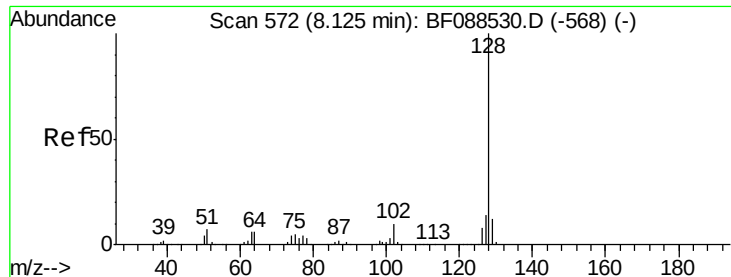


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

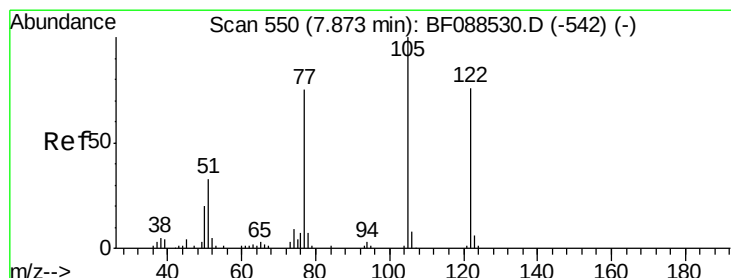
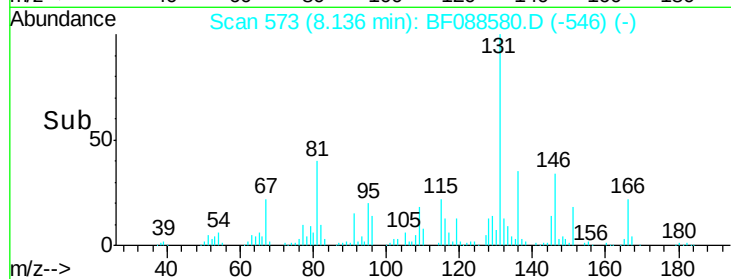
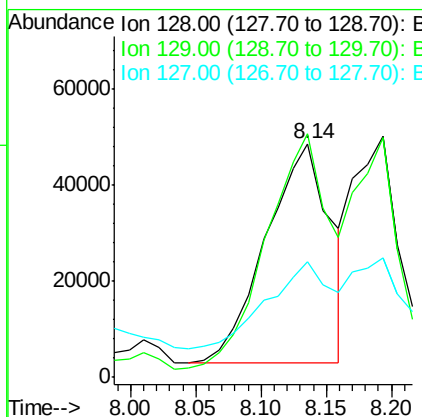
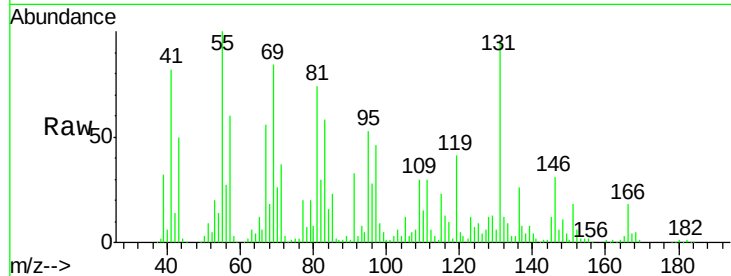




#31
Naphthalene
Concen: 15.19 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

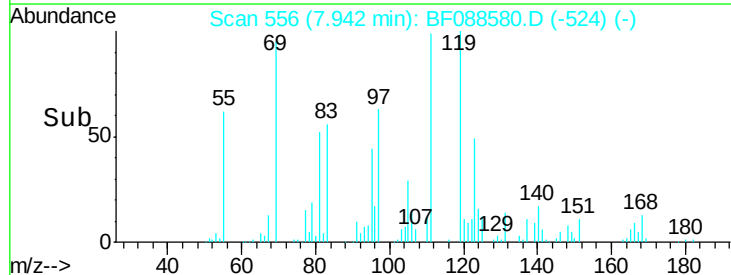
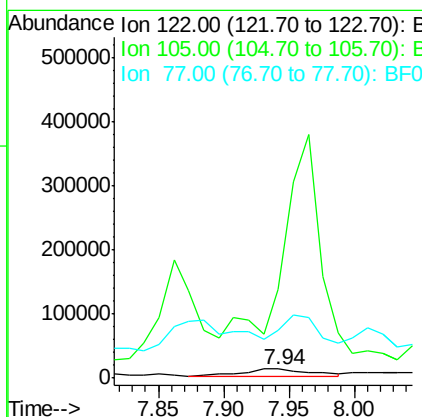
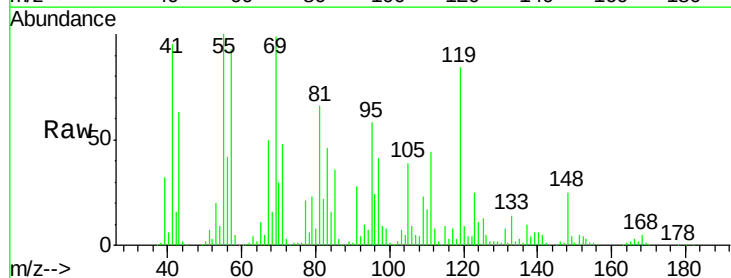
Instrument :
BNA_F
ClientSampleId :
B1GWRE

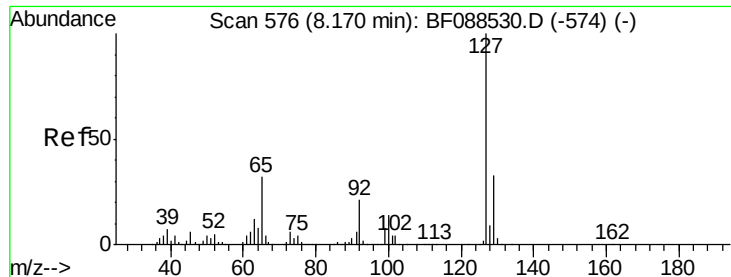
Tgt Ion:128 Resp: 156872
Ion Ratio Lower Upper
128 100
129 104.3 9.4 14.2#
127 49.6 10.9 16.3#



#32
Benzoic acid
Concen: 14.20 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.07 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:122 Resp: 35507
Ion Ratio Lower Upper
122 100
105 968.7 101.6 141.6#
77 517.5 70.6 110.6#

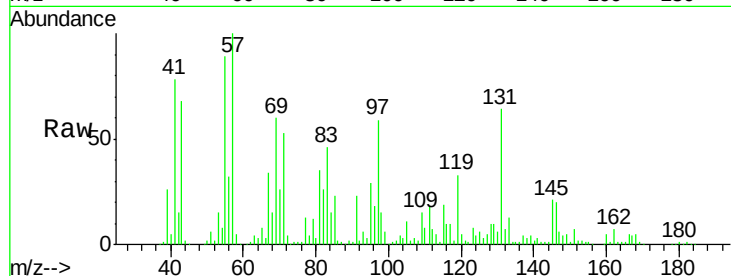




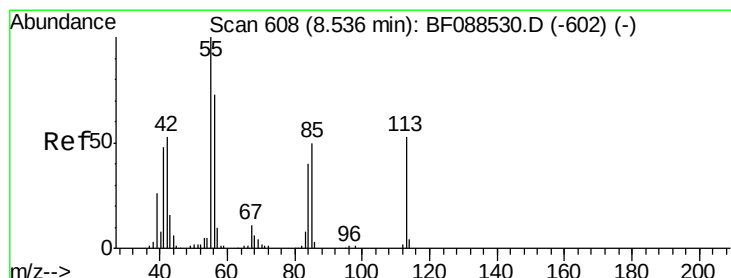
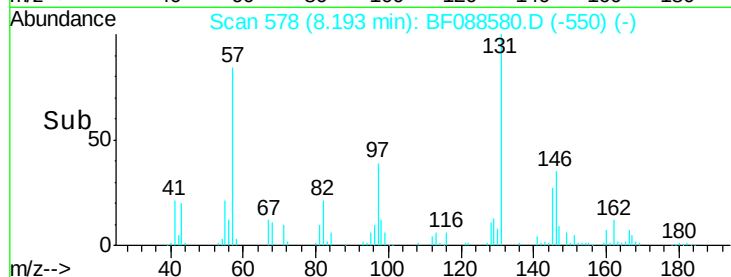
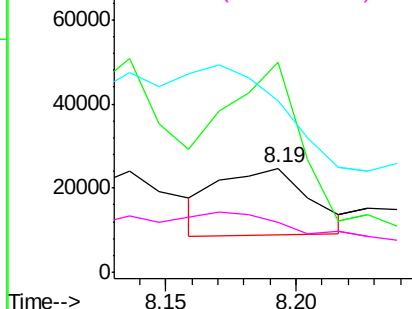
#33
4-Chloroaniline
Concen: 8.45 ng
RT: 8.19 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Instrument :
BNA_F
ClientSampleId :
B1GWRE

Tgt Ion:127 Resp: 38823
Ion Ratio Lower Upper
127 100
129 201.3 26.3 39.5#
65 163.9 24.7 37.1#
92 47.7 15.4 23.0#

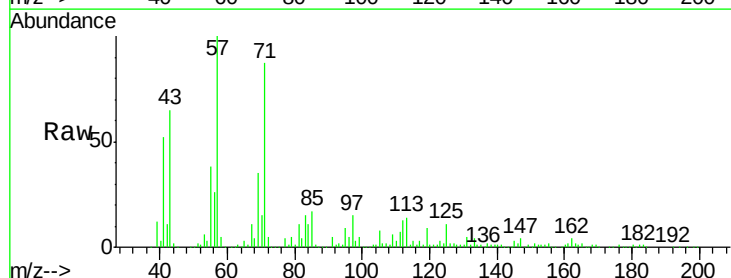


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

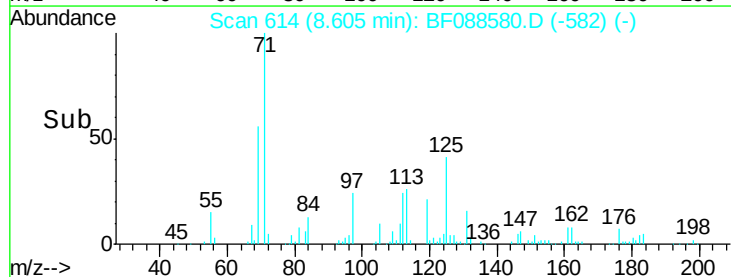
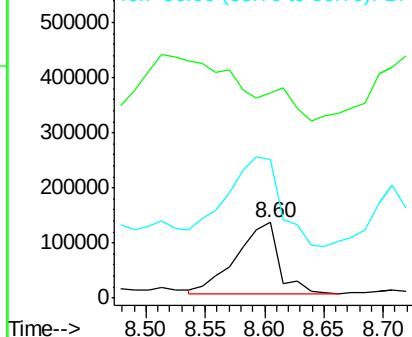


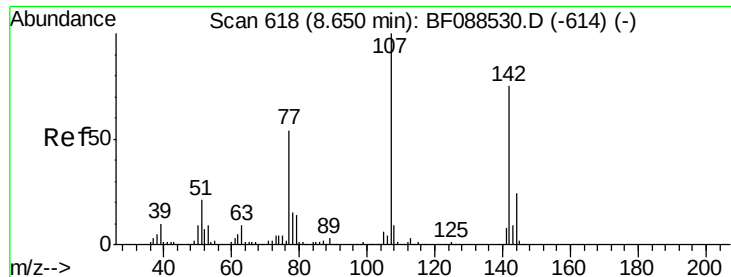
#35
Caprolactam
Concen: 341.69 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.07 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:113 Resp: 322918
Ion Ratio Lower Upper
113 100
55 270.2 158.6 198.6#
56 182.5 110.6 150.6#



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: 5.51 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

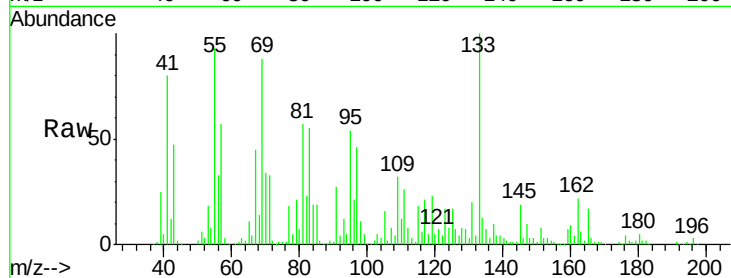
Tgt Ion:107 Resp: 18139

Ion Ratio Lower Upper

107 100

144 9.0 20.8 31.2#

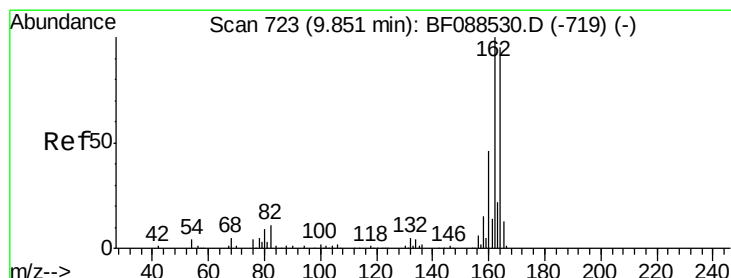
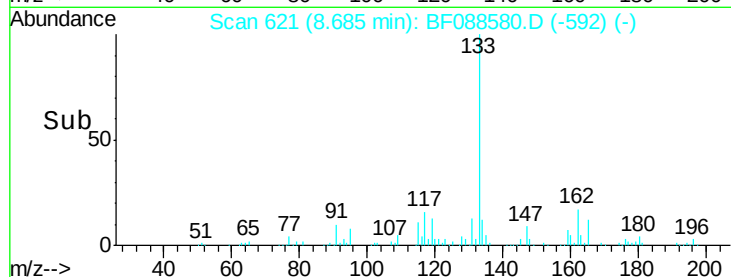
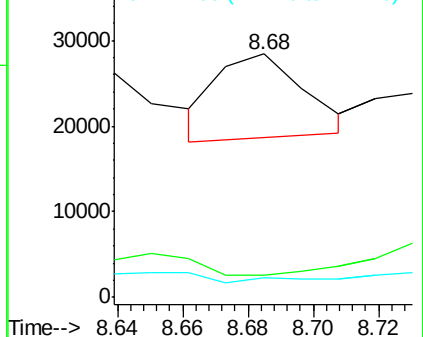
142 8.0 63.4 95.2#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

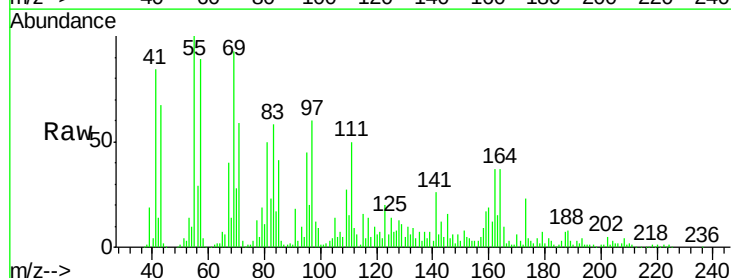
Tgt Ion:164 Resp: 132706

Ion Ratio Lower Upper

164 100

162 101.6 85.4 128.2

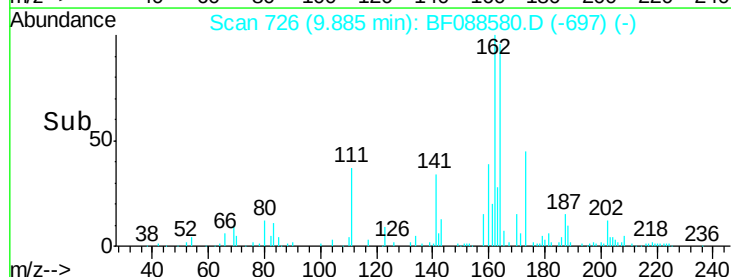
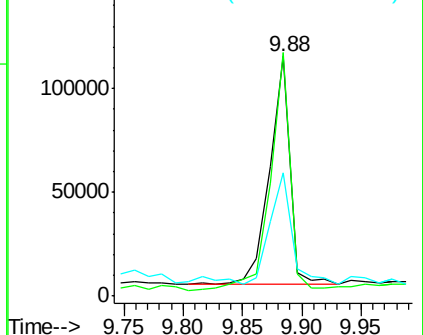
160 51.5 39.5 59.3

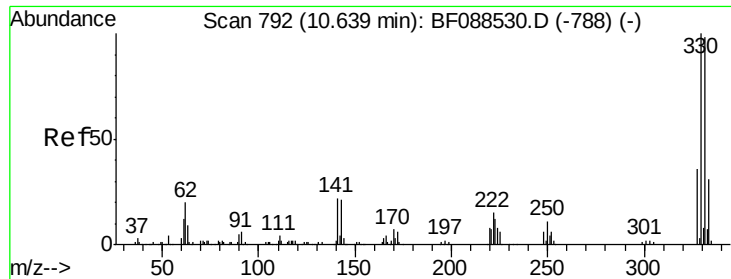


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

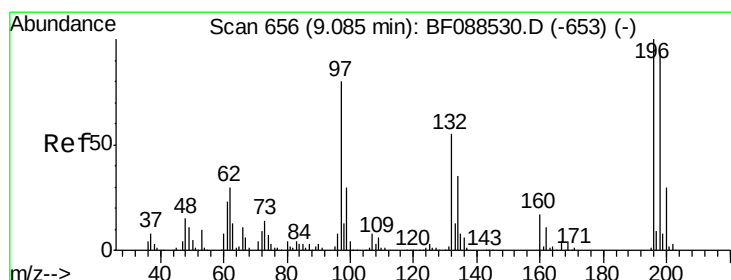
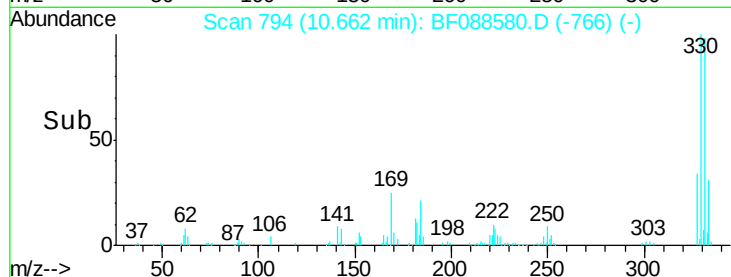
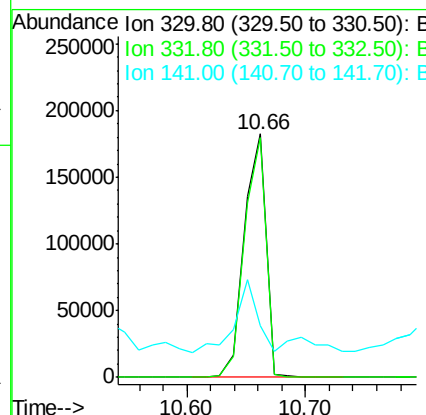
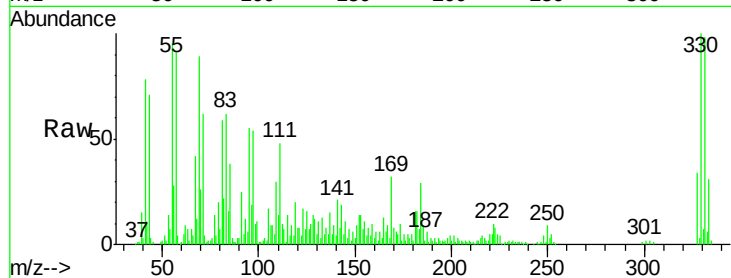




#41
 2,4,6-Tribromophenol
 Concen: 189.33 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.02 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

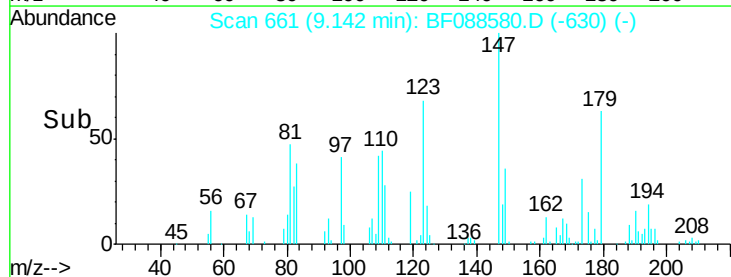
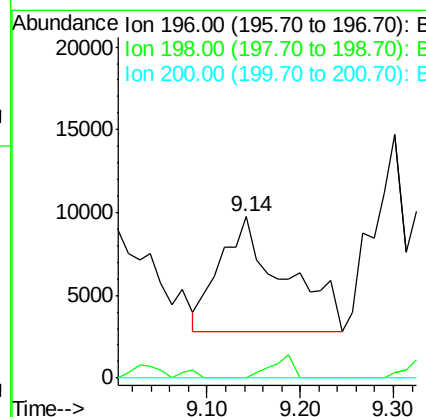
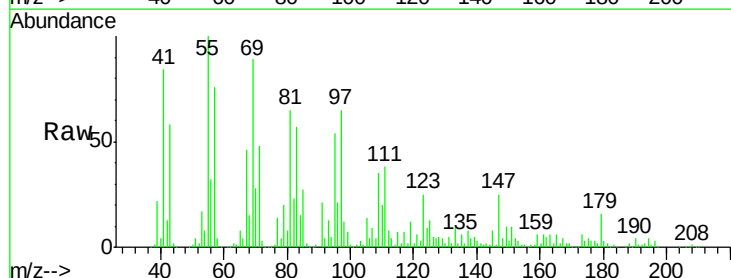
Instrument :
 BNA_F
 ClientSampleID :
 B1GWRE

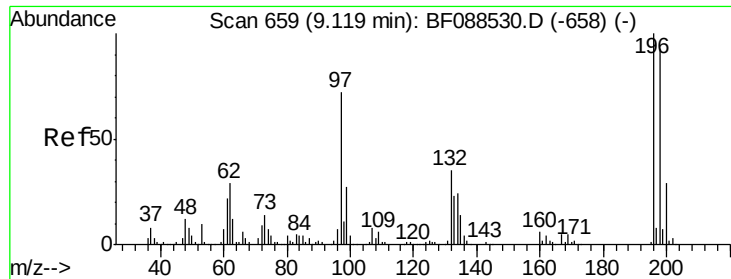
Tgt Ion:330 Resp: 233312
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 33.6 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 11.32 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.06 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

Tgt Ion:196 Resp: 32931
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.0 117.0#
 200 0.0 25.4 38.2#

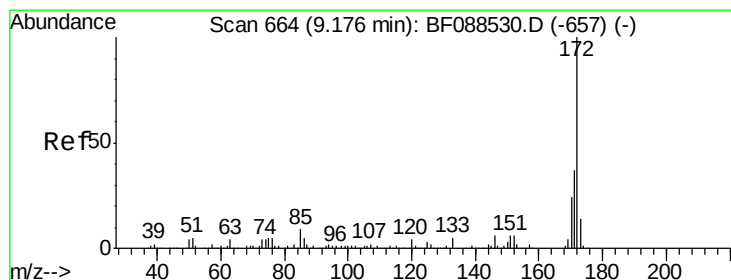
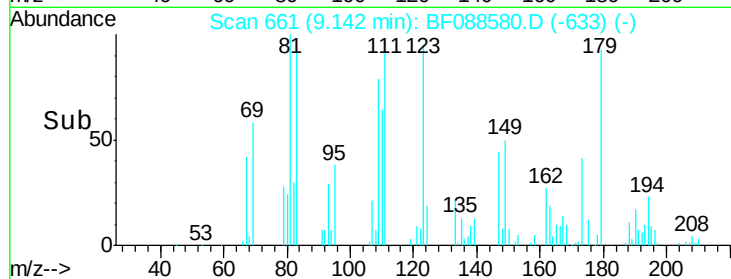
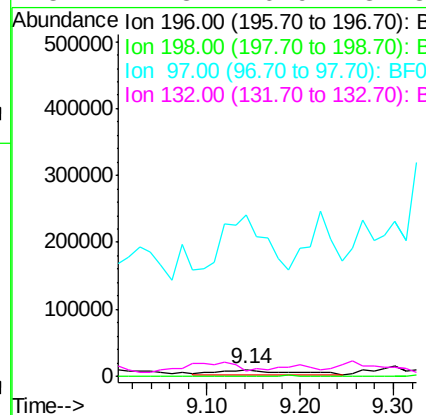
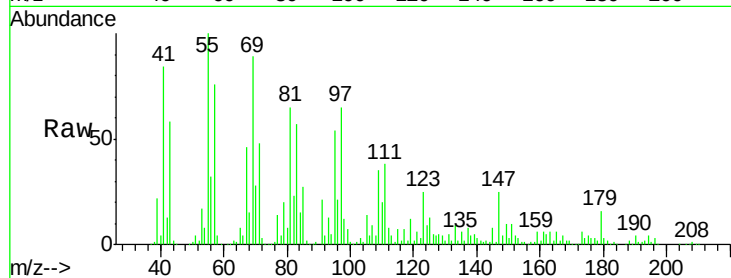




#43
 2,4,5-Trichlorophenol
 Concen: 13.15 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

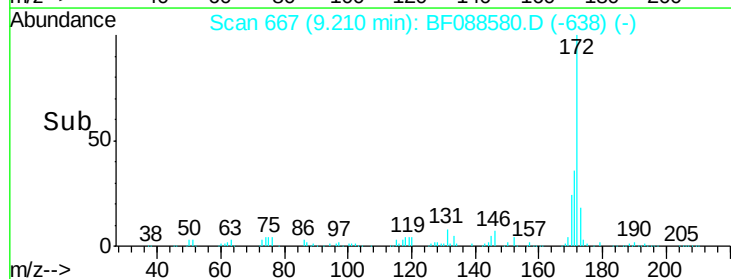
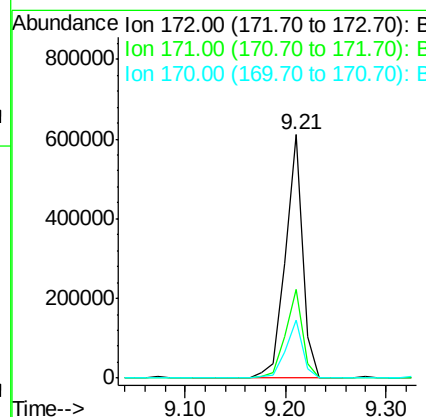
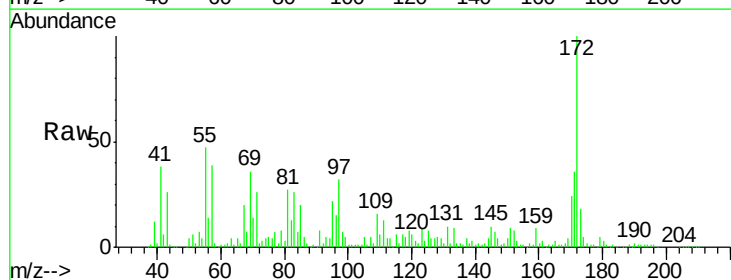
Instrument :
 BNA_F
 ClientSampled :
 B1GWRE

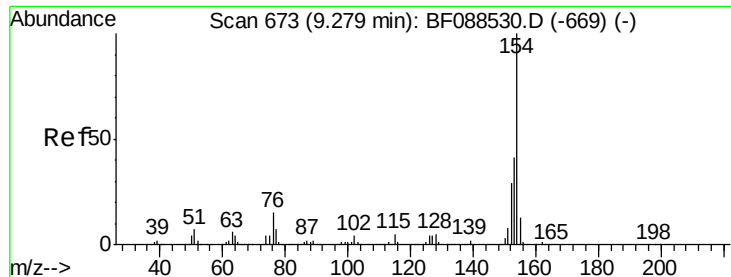
Tgt Ion:196 Resp: 32931
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.5 116.3#
 97 2476.2 32.0 48.0#
 132 74.3 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.03 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

Tgt Ion:172 Resp: 729322
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.0 19.2 28.8

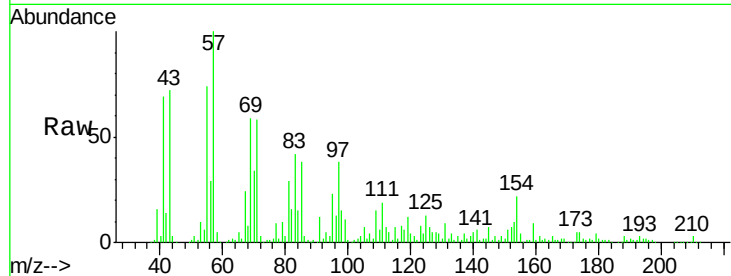




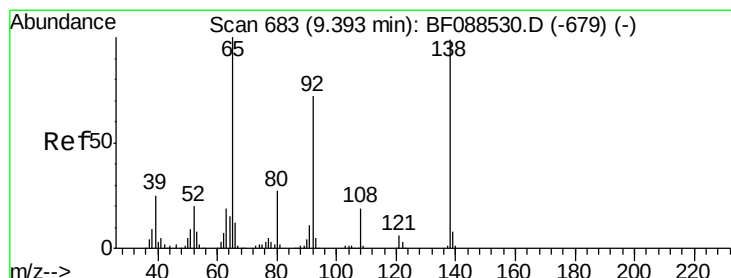
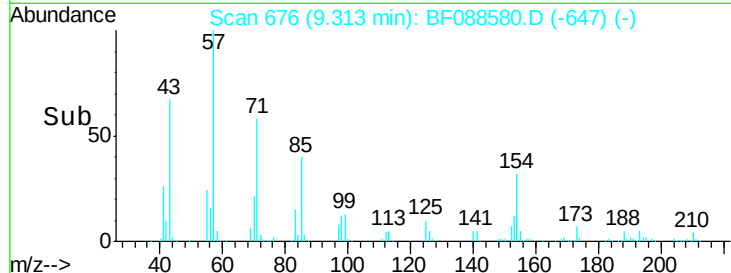
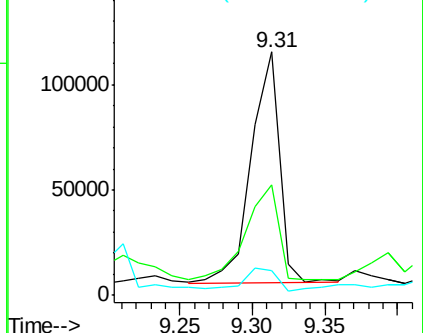
#45
 1,1'-Biphenyl
 Concen: 13.58 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.03 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

Instrument :
 BNA_F
 ClientSampled :
 B1GWRE

Tgt Ion: 154 Resp: 149280
 Ion Ratio Lower Upper
 154 100
 153 45.4 20.6 60.6
 76 10.4 0.0 35.1

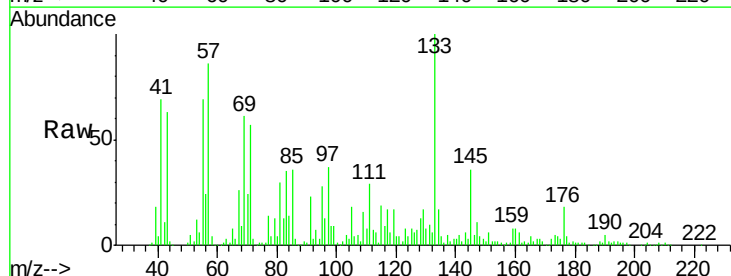


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

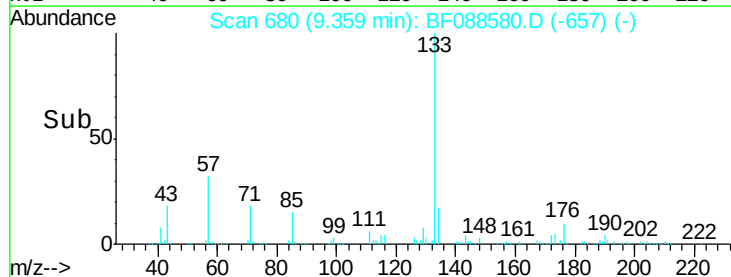
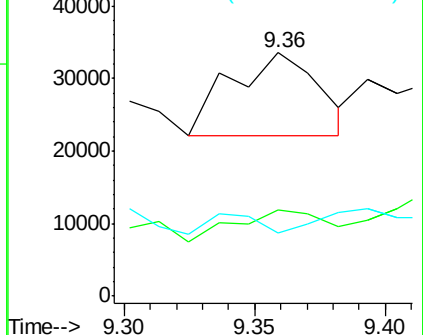


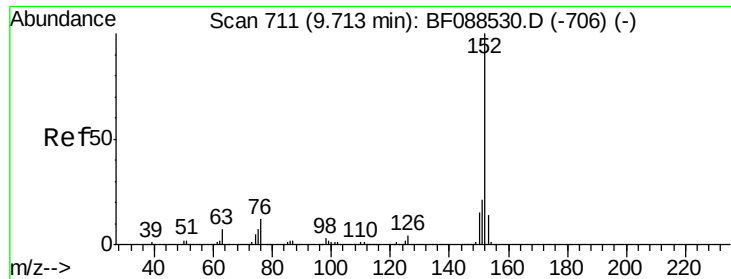
#47
 2-Nitroaniline
 Concen: 8.79 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088580.D
 Acq: 1 Jul 2016 17:47

Tgt Ion: 65 Resp: 26900
 Ion Ratio Lower Upper
 65 100
 92 35.6 54.6 82.0#
 138 26.2 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

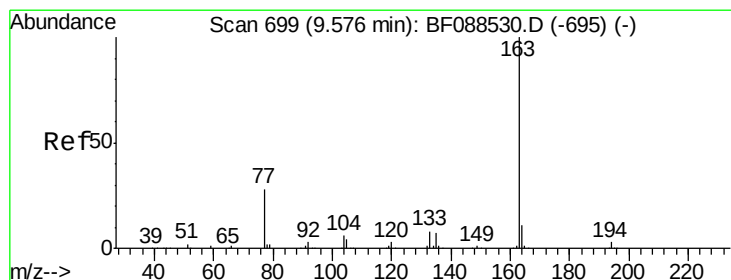
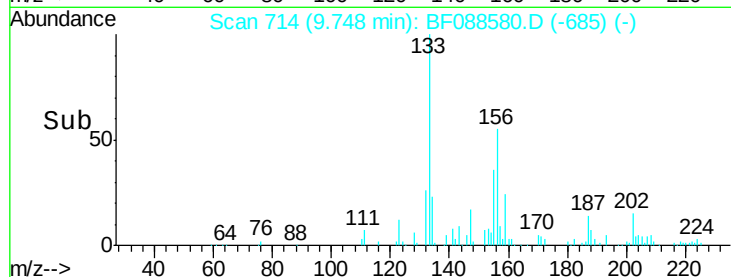
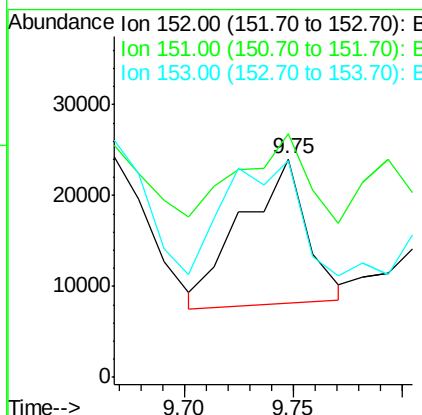
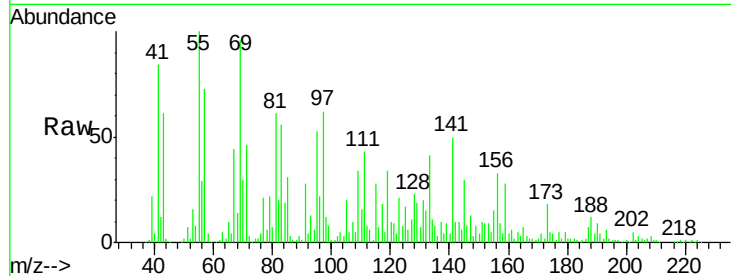




#48
Acenaphthylene
Concen: 2.41 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.03 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

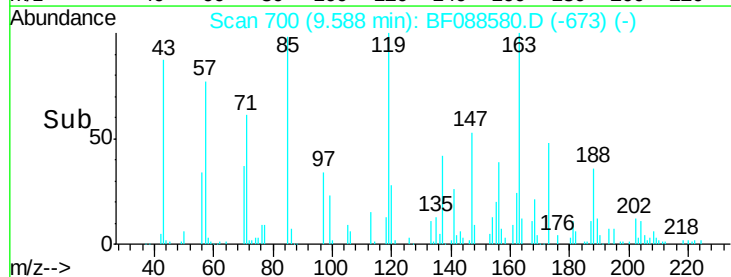
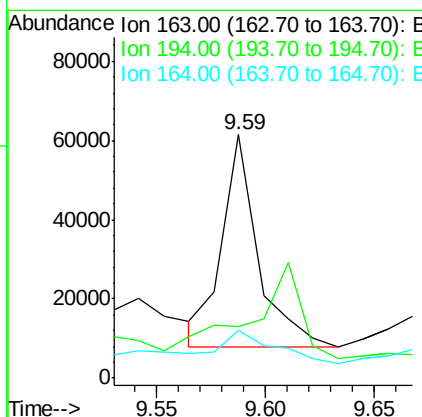
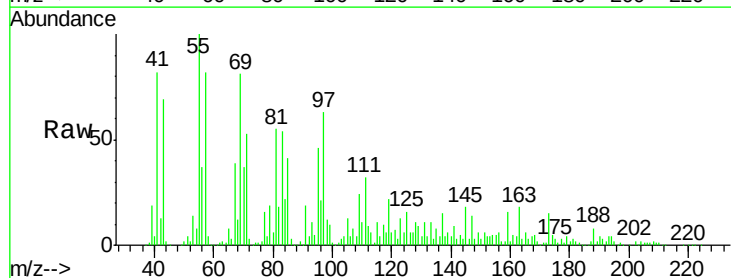
Instrument :
BNA_F
ClientSampleId :
B1GWRE

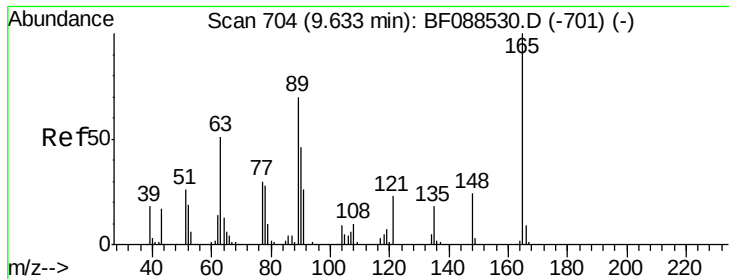
Tgt Ion:152 Resp: 33120
Ion Ratio Lower Upper
152 100
151 111.6 16.2 24.4#
153 99.5 11.0 16.6#



#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:163 Resp: 61470
Ion Ratio Lower Upper
163 100
194 21.2 2.8 4.2#
164 19.5 8.3 12.5#





#50

2,6-Dinitrotoluene

Concen: 18.39 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

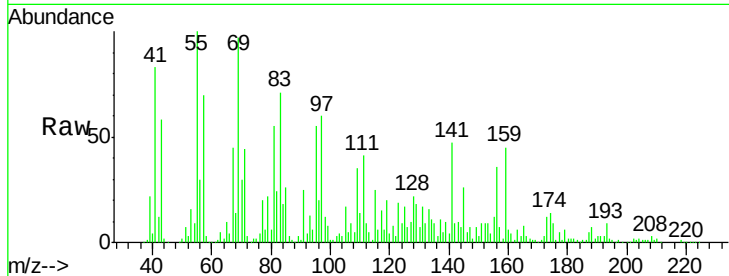
Tgt Ion:165 Resp: 38534

Ion Ratio Lower Upper

165 100

63 62.1 28.1 42.1#

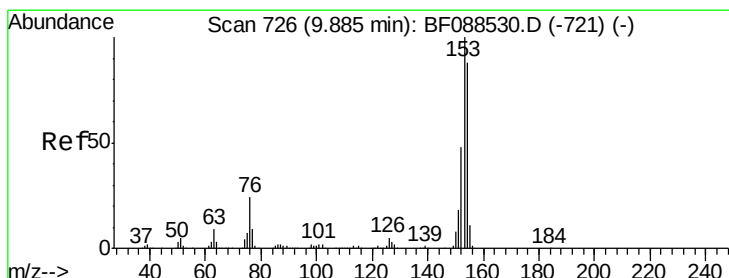
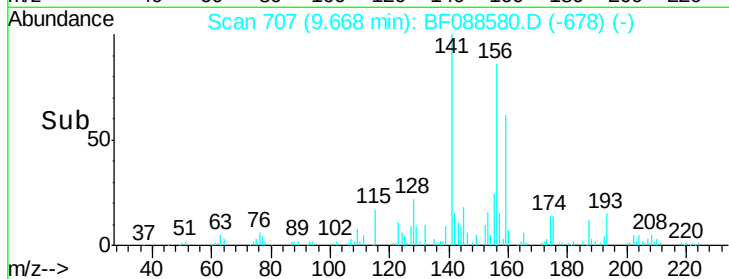
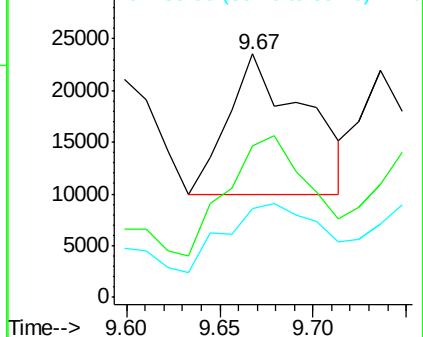
89 36.7 32.2 48.2



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: 2.37 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

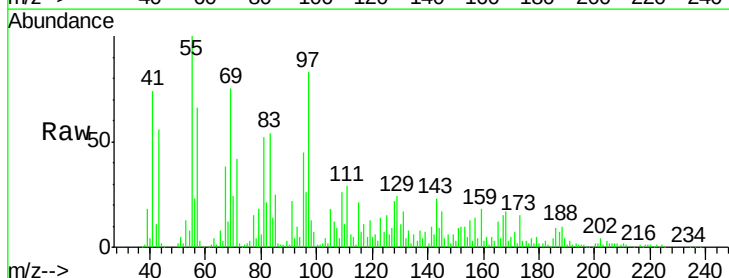
Tgt Ion:154 Resp: 19899

Ion Ratio Lower Upper

154 100

153 196.9 89.5 134.3#

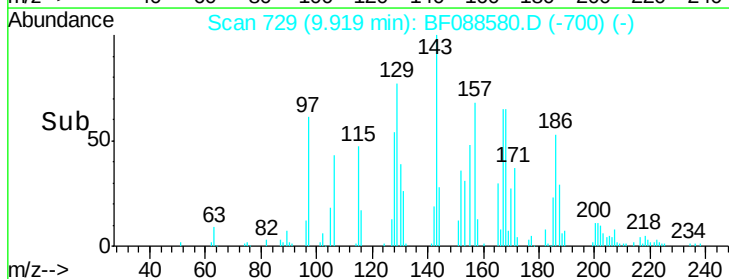
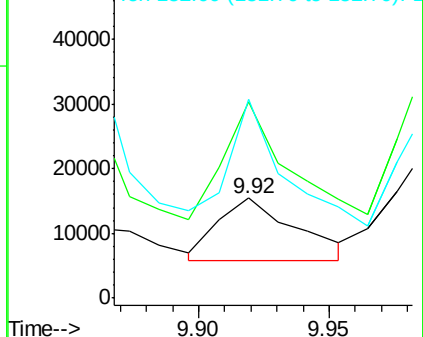
152 200.0 42.7 64.1#

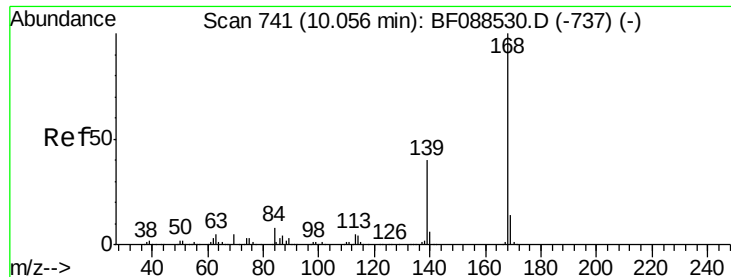


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 6.50 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

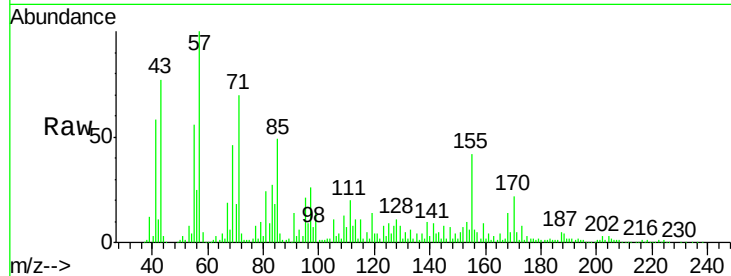
Tgt Ion:168 Resp: 71618

Ion Ratio Lower Upper

168 100

139 74.6 26.4 39.6#

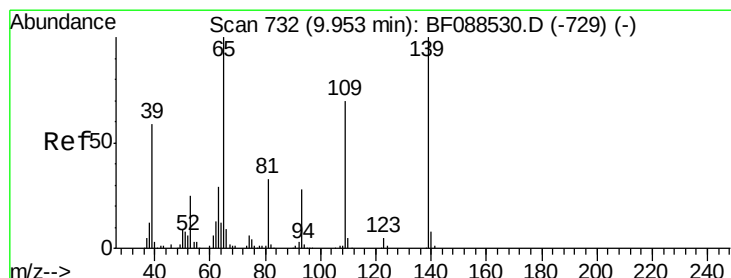
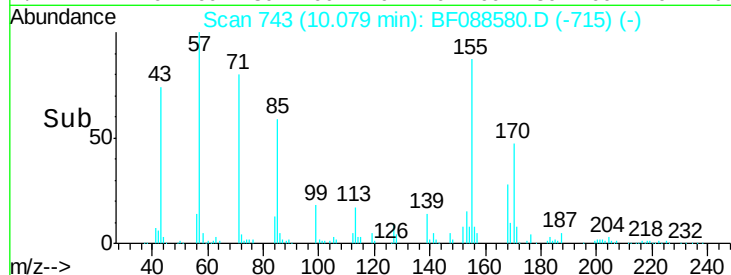
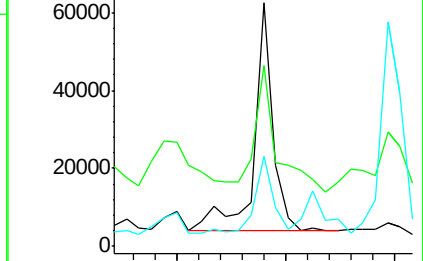
169 37.0 10.4 15.6#



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: 13.80 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.03 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

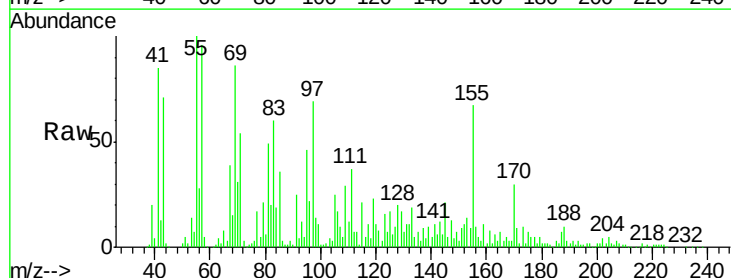
Tgt Ion:139 Resp: 27932

Ion Ratio Lower Upper

139 100

109 287.0 48.9 88.9#

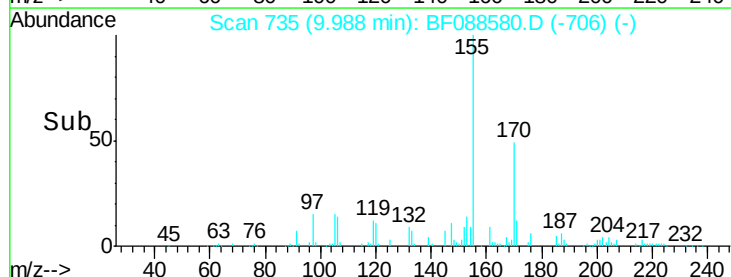
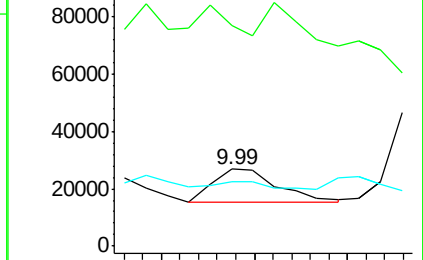
65 83.0 84.9 124.9#

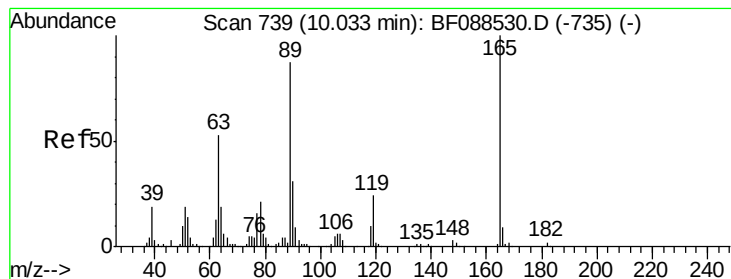


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 4.05 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

Tgt Ion:165 Resp: 11092

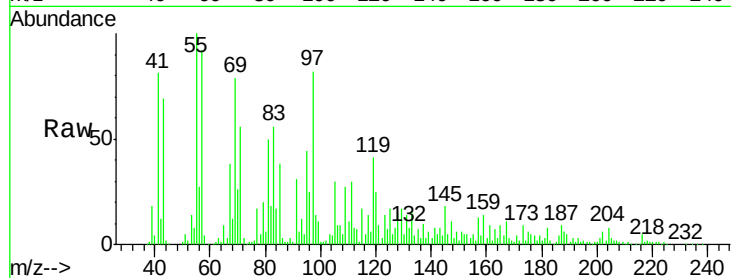
Ion Ratio Lower Upper

165 100

63 36.5 22.0 33.0#

89 35.3 41.1 61.7#

182 96.7 2.0 3.0#

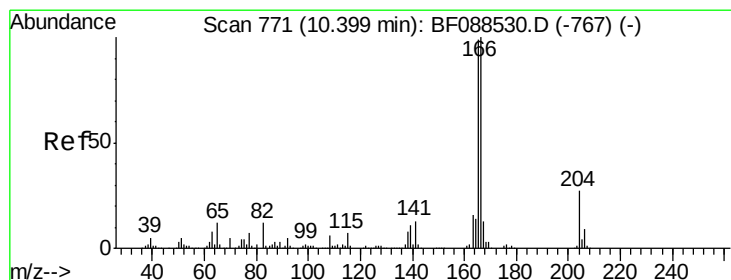
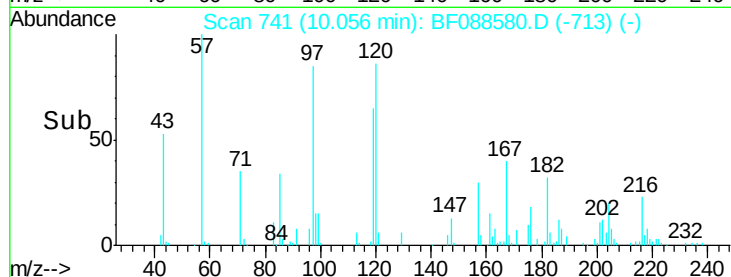
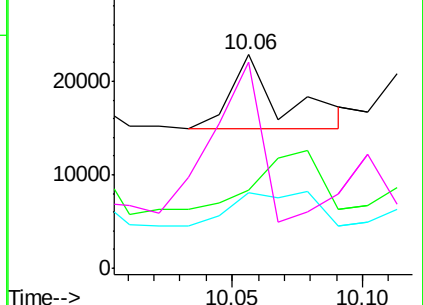


Abundance Ion 165.00 (164.70 to 165.70): E

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: 9.64 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.02 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

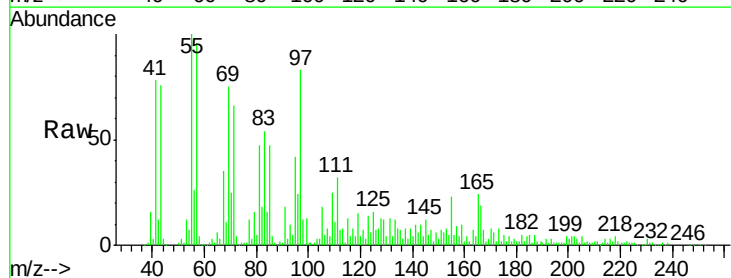
Tgt Ion:166 Resp: 81798

Ion Ratio Lower Upper

166 100

165 126.8 77.8 116.8#

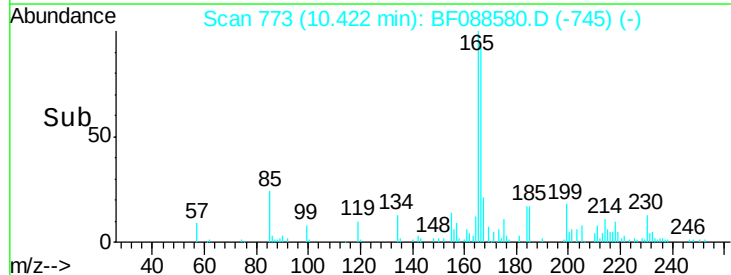
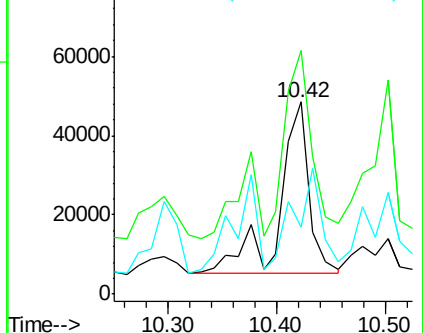
167 35.1 11.2 16.8#

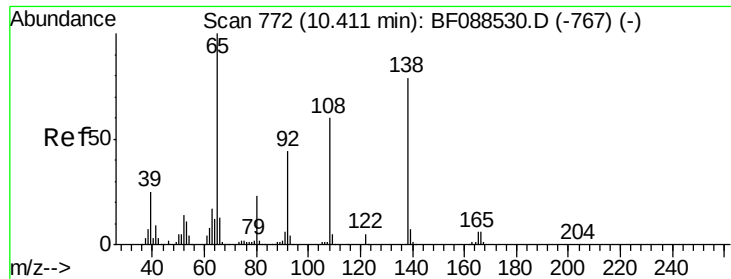


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 3.32 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

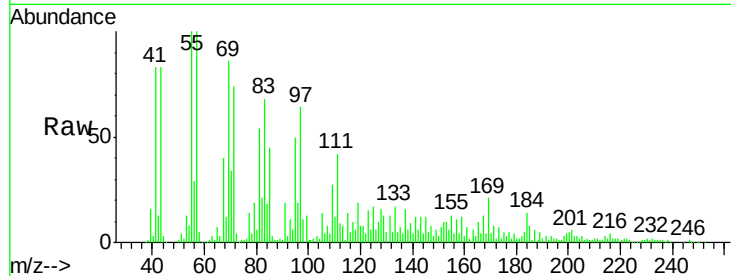
Tgt Ion:138 Resp: 8509

Ion Ratio Lower Upper

138 100

92 59.4 27.3 67.3

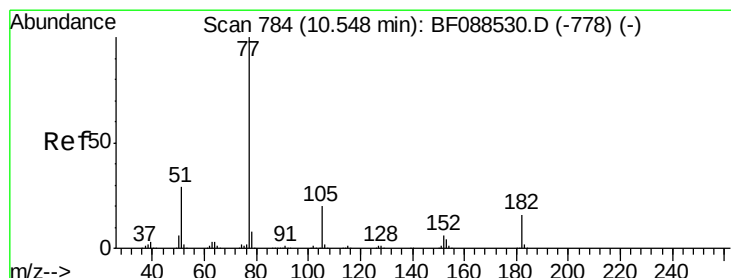
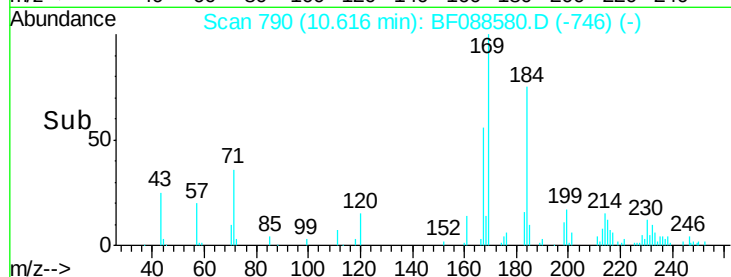
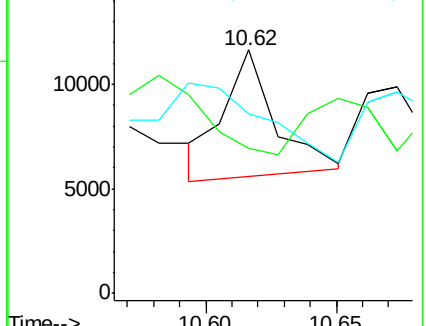
108 73.8 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 7.19 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.05 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Tgt Ion: 77 Resp: 77868

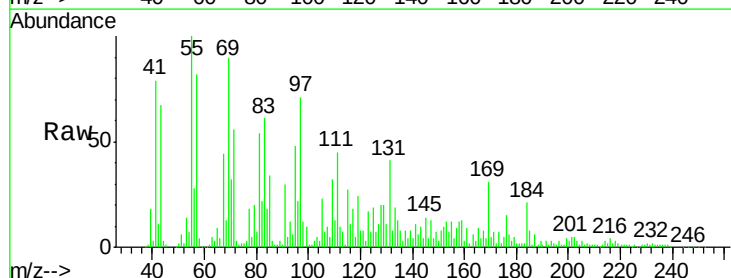
Ion Ratio Lower Upper

77 100

182 12.3 4.4 44.4

105 126.4 3.8 43.8#

51 35.3 9.3 49.3

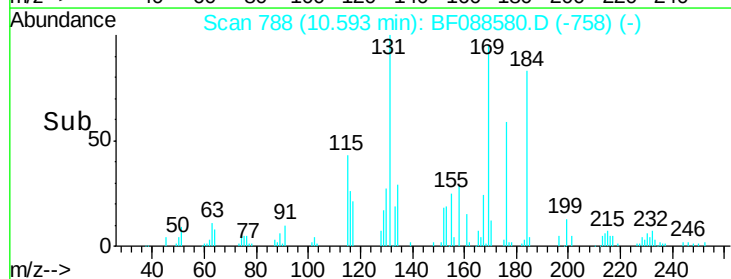
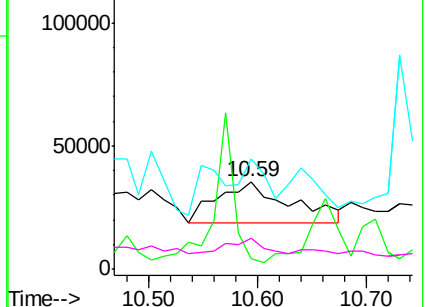


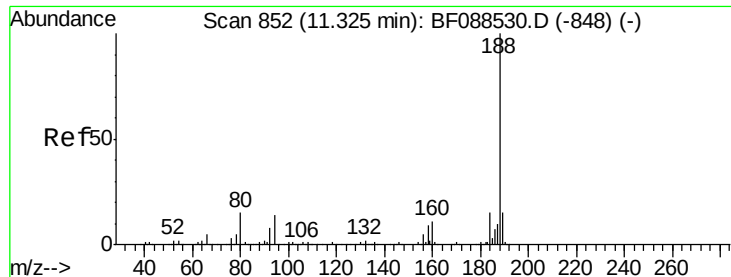
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

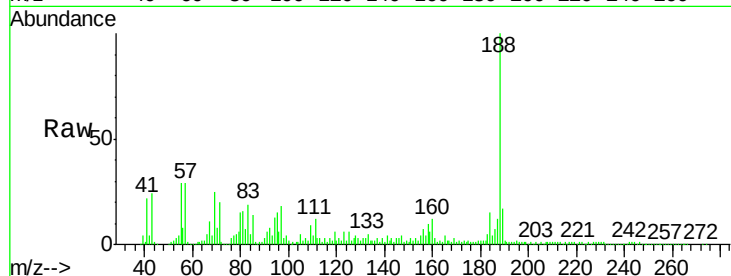




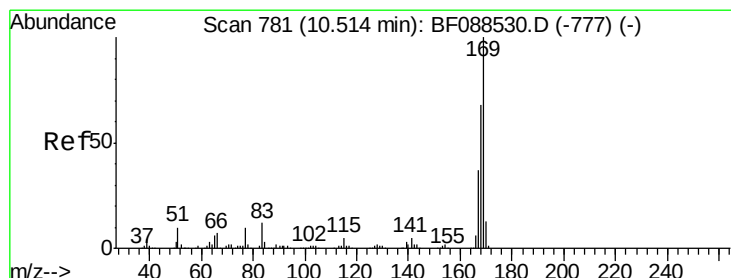
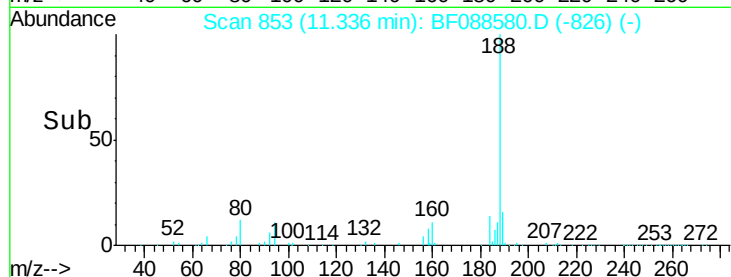
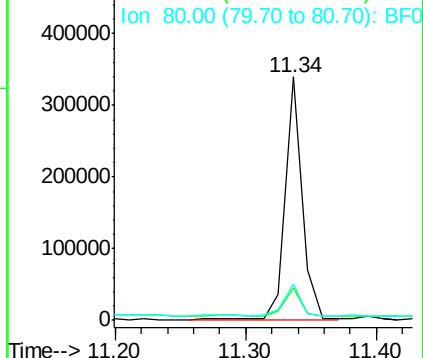
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Instrument :
BNA_F
ClientSampleId :
B1GWRE

Tgt Ion:188 Resp: 306414
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 14.8 10.0 15.0

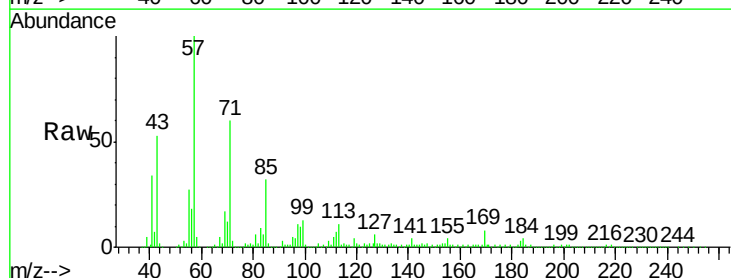


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

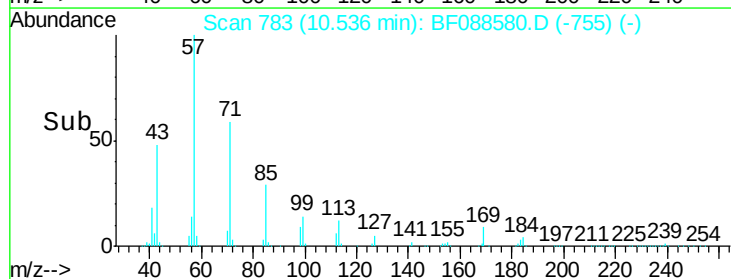
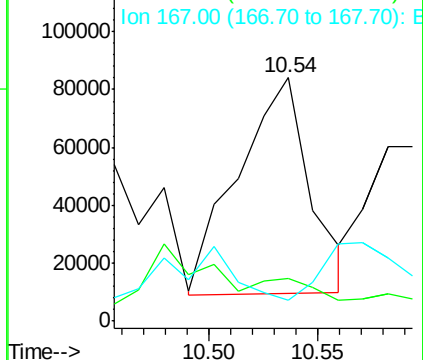


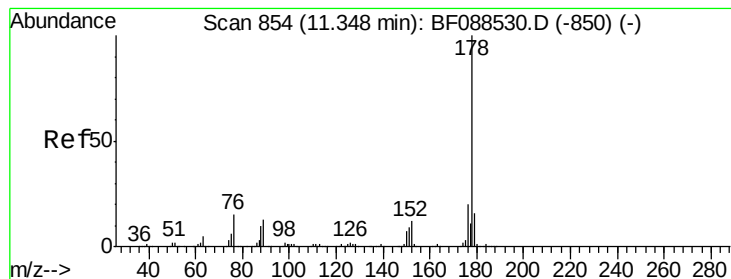
#65
n-Nitrosodiphenylamine
Concen: 16.62 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.02 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:169 Resp: 172335
Ion Ratio Lower Upper
169 100
168 17.3 53.4 80.0#
167 8.4 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





#70

Phenanthrene

Concen: 9.54 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

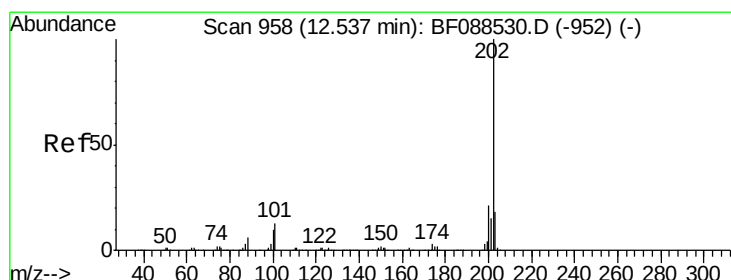
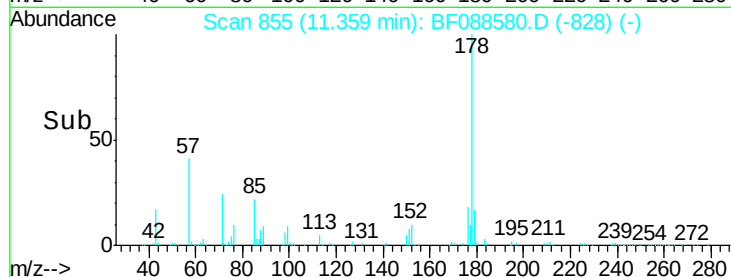
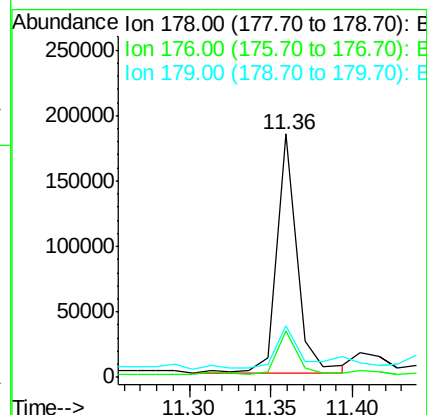
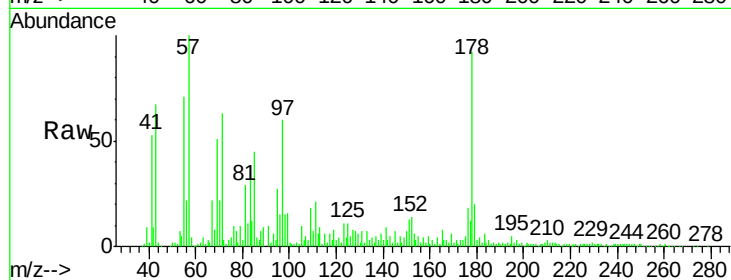
Tgt Ion:178 Resp: 159805

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 21.3 13.0 19.4#



#74

Fluoranthene

Concen: 4.66 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

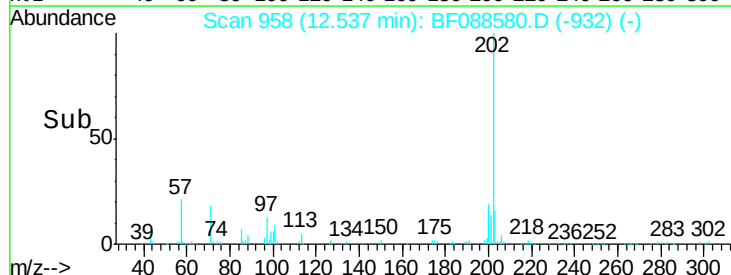
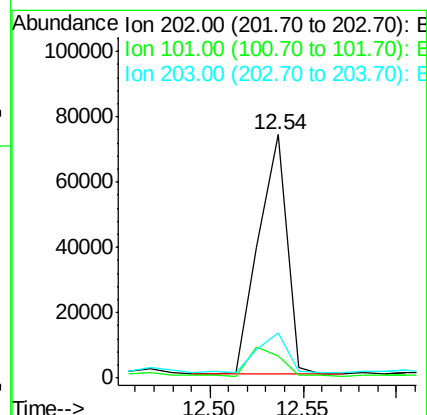
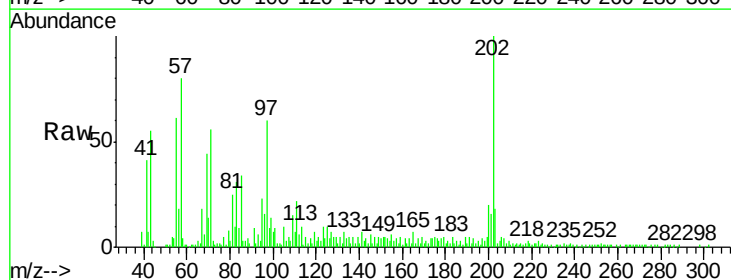
Tgt Ion:202 Resp: 79186

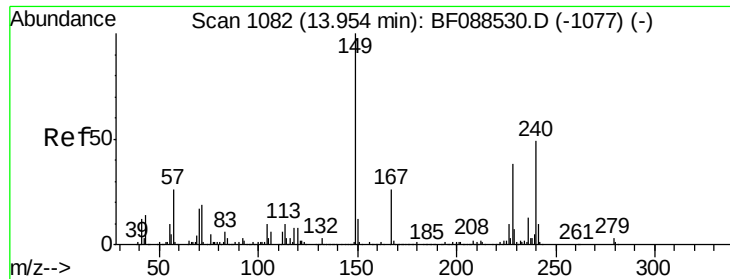
Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.1

203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

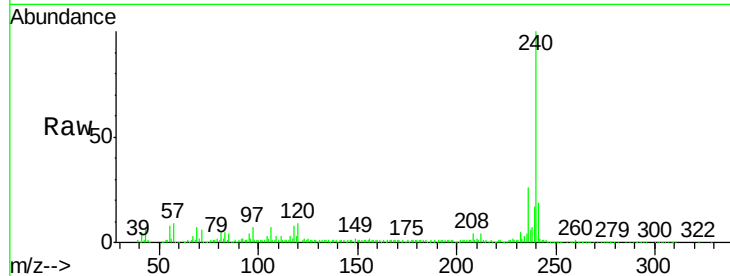
Tgt Ion:240 Resp: 287344

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

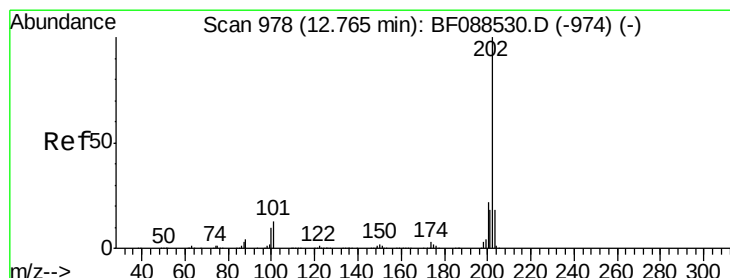
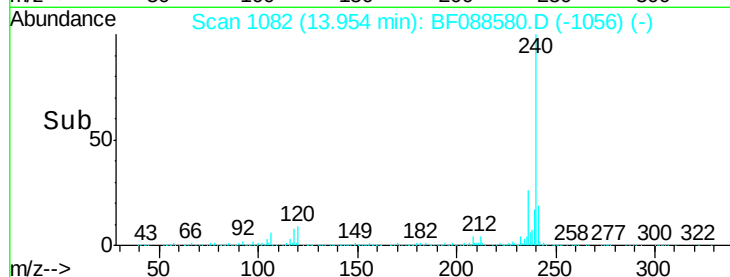
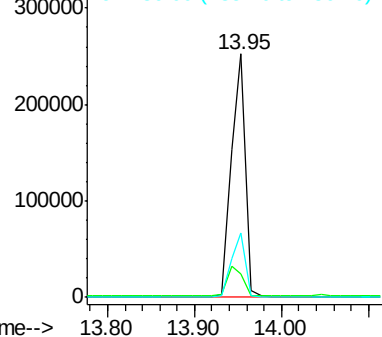
236 26.3 20.2 30.2



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: 3.18 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

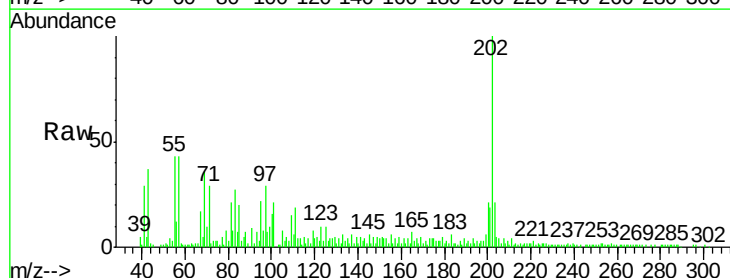
Tgt Ion:202 Resp: 77391

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

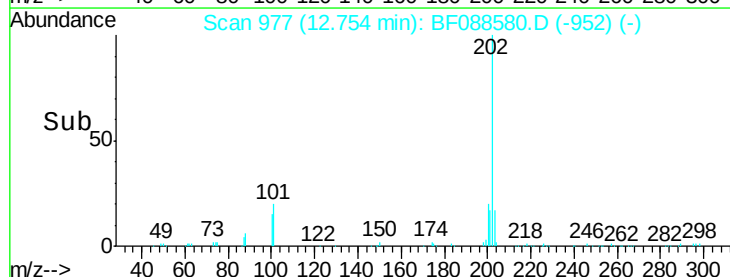
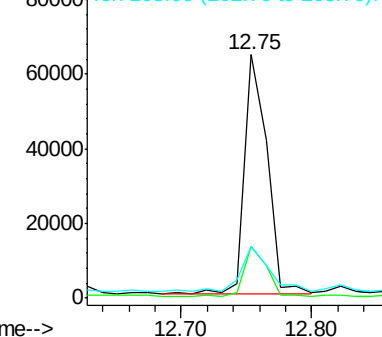
203 21.4 14.5 21.7

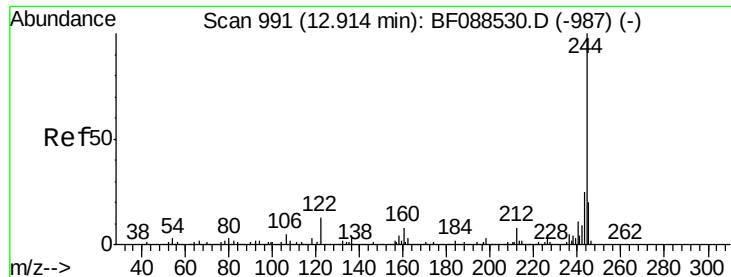


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.55 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

Instrument :

BNA_F

ClientSampleId :

B1GWRE

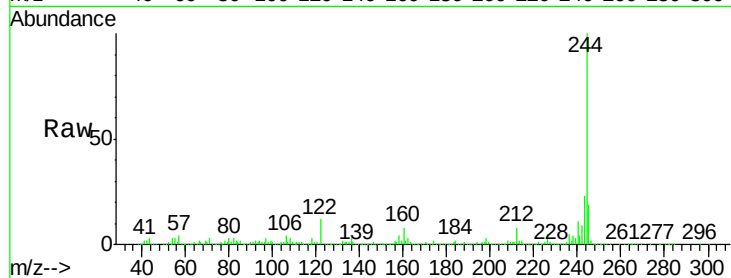
Tgt Ion:244 Resp: 923085

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

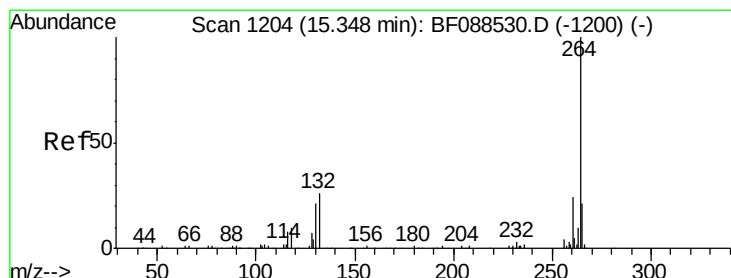
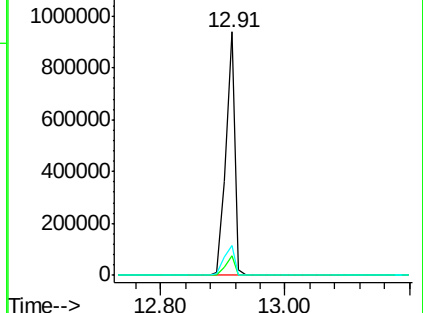
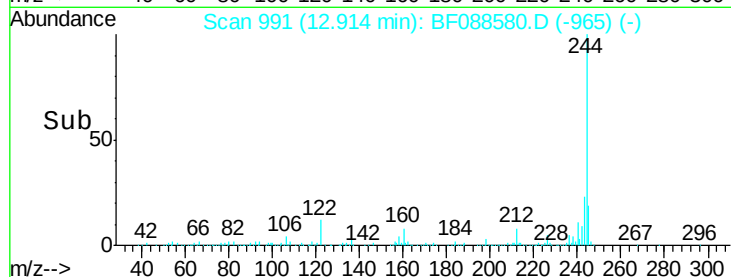
122 12.1 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088580.D

Acq: 1 Jul 2016 17:47

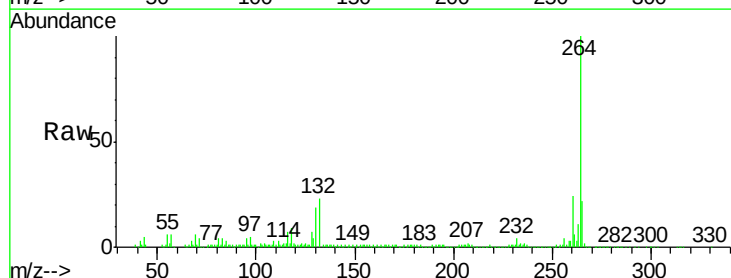
Tgt Ion:264 Resp: 248267

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

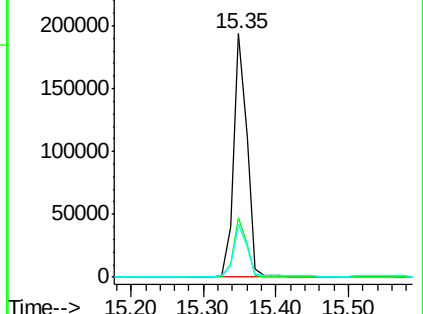
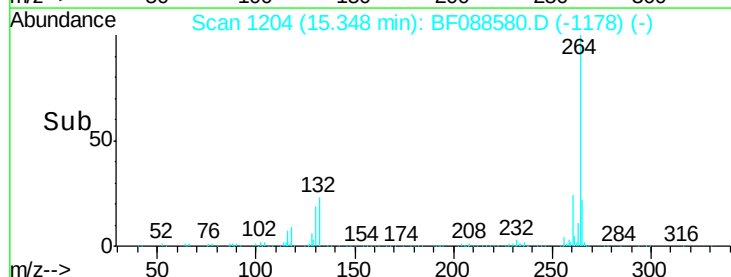
265 21.9 16.9 25.3

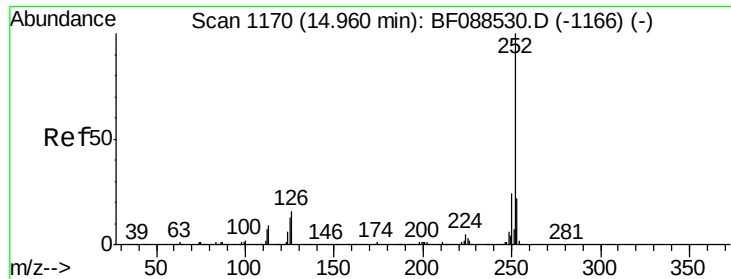


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

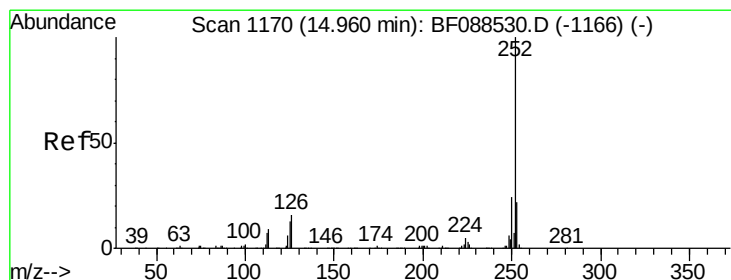
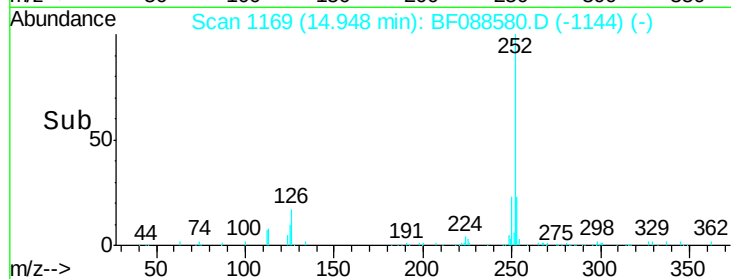
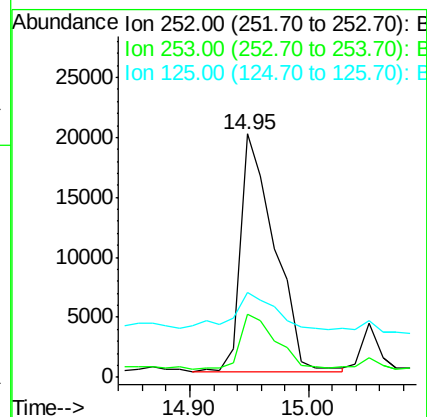
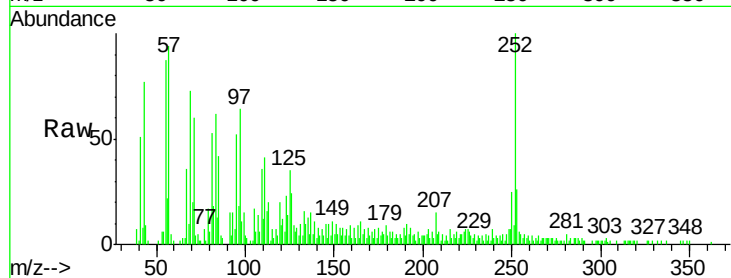




#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Instrument :
BNA_F
ClientSampled :
B1GWRE

Tgt Ion:252 Resp: 39489
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.2
125 34.9 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 2.91 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088580.D
Acq: 1 Jul 2016 17:47

Tgt Ion:252 Resp: 39489
Ion Ratio Lower Upper
252 100
253 26.0 18.0 27.0
125 34.9 11.2 16.8#

