

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016029.D
 Acq On : 20 Feb 2015 9:14
 Operator : TP/IZ
 Sample : MDL-04-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 20 10:16:05 2015

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 20 05:38:39 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	92959	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	416731	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	258653	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	552411	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	589435	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	580840	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	272481	30.81	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	167451	32.06	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	210646	32.19	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	207984	31.78	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	108675	36.90	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	100533	37.00	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	181686	30.83	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	330047	50.83	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	607856	35.15	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	785777	32.11	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	97513	28.04	ng/ul	0.00
55) Fluorene-d10	15.42	176	572698	32.95	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	42553	19.98	ng/ul	0.00
68) Anthracene-d10	17.28	188	873125	33.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	934041	33.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	875661	33.25	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.97	77	530	0.09	ng/ul#	20
4) Phenol	7.00	94	723	0.08	ng/ul#	71
6) Bis(2-Chloroethyl)ether	7.24	93	1717	0.23	ng/ul	91
8) 2-Chlorophenol	7.38	128	487	0.07	ng/ul#	76
9) 2-Methylphenol	8.25	108	295	0.04	ng/ul#	75
10) 2,2'-oxybis(1-Chloropropan	8.35	45	335	0.04	ng/ul#	67
12) Acetophenone	8.62	105	828	0.08	ng/ul#	60
13) N-Nitroso-di-n-propylamine	8.62	70	681	0.12	ng/ul#	63
14) 4-Methylphenol	8.58	108	813	0.11	ng/ul	82
18) Nitrobenzene	9.01	77	565	0.08	ng/ul#	36
19) Isophorone	9.53	82	1326	0.09	ng/ul#	63
21) 2-Nitrophenol	9.71	139	243	0.08	ng/ul#	40
22) 2,4-Dimethylphenol	9.77	107	733	0.10	ng/ul#	56
23) Bis(2-Chloroethoxy)methane	10.01	93	888	0.09	ng/ul#	86
25) 2,4-Dichlorophenol	10.24	162	434	0.08	ng/ul#	1
26) Naphthalene	10.65	128	2294	0.10	ng/ul#	83
28) 4-Chloroaniline	10.76	127	676	0.11	ng/ul#	87
31) 4-Chloro-3-methylphenol	11.86	107	337	0.05	ng/ul#	81
32) 2-Methylnaphthalene	12.26	142	1088	0.07	ng/ul	83
34) 1,2,4,5-Tetrachlorobenzene	12.62	216	824	0.12	ng/ul#	85
36) 2,4,6-Trichlorophenol	12.93	196	214	0.05	ng/ul#	11
37) 2,4,5-Trichlorophenol	12.93	196	214	0.05	ng/ul#	13
38) 1,1'-Biphenyl	13.27	154	1825	0.09	ng/ul#	85
39) 2-Chloronaphthalene	13.32	162	1489	0.10	ng/ul#	90

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 ALS Vial : 29 Sample Multiplier: 1

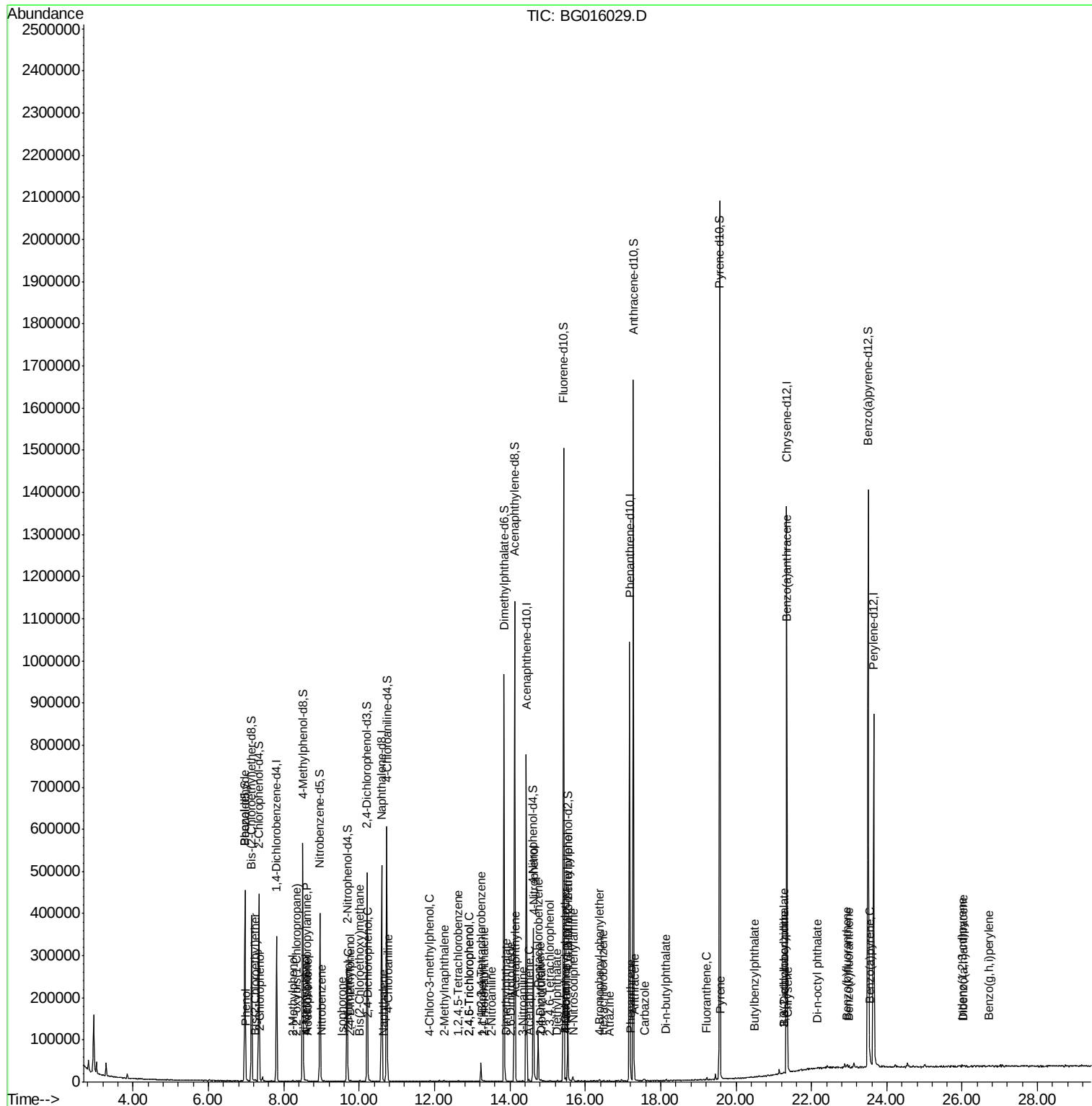
Quant Time: Feb 20 10:16:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 20 05:38:39 2015
 Response via : Initial Calibration

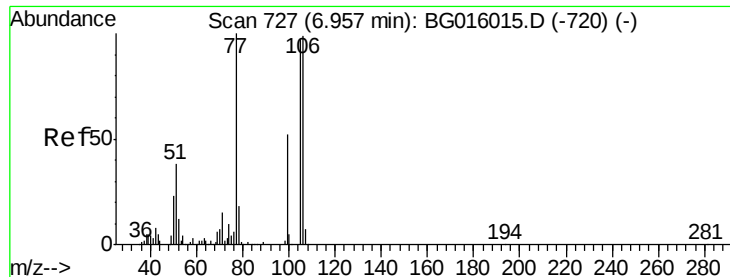
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Nitroaniline	13.51	65	181	0.05	ng/ul#	78
42) Dimethylphthalate	13.90	163	2186	0.12	ng/ul#	88
43) 2,6-Dinitrotoluene	14.01	165	126	0.04	ng/ul#	31
45) Acenaphthylene	14.16	152	2651	0.10	ng/ul#	92
46) 3-Nitroaniline	14.34	138	153	0.04	ng/ul#	87
47) Acenaphthene	14.50	153	1643	0.10	ng/ul#	81
50) 4-Nitrophenol	14.63	109	157	0.08	ng/ul#	1
51) Dibenzofuran	14.83	168	2493	0.11	ng/ul	95
52) 2,4-Dinitrotoluene	14.80	165	59	0.01	ng/ul#	45
53) 2,3,4,6-Tetrachlorophenol	15.06	232	122	0.03	ng/ul#	38
54) Diethylphthalate	15.25	149	1838	0.10	ng/ul#	85
56) Fluorene	15.48	166	2238	0.11	ng/ul	90
57) 4-Chlorophenyl-phenylether	15.47	204	1070	0.12	ng/ul#	63
58) 4-Nitroaniline	15.50	138	281	0.06	ng/ul#	44
61) 4,6-Dinitro-2-methylphenol	15.55	198	146	0.06	ng/ul#	1
62) N-Nitrosodiphenylamine	15.69	169	1602	0.09	ng/ul#	80
63) 4-Bromophenyl-phenylether	16.37	248	687	0.12	ng/ul#	87
64) Hexachlorobenzene	16.48	284	643	0.10	ng/ul#	41
65) Atrazine	16.63	200	427	0.08	ng/ul#	31
67) Phenanthrene	17.22	178	3211	0.10	ng/ul	94
69) Anthracene	17.30	178	3661	0.12	ng/ul	95
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	13673	1.95	ng/uL	98
71) Pentachlorobenzene	14.75	250	27216	3.96	ng/uL	97
72) Carbazole	17.57	167	2271	0.08	ng/ul#	92
73) Di-n-butylphthalate	18.14	149	2834	0.09	ng/ul#	92
74) Fluoranthene	19.23	202	2926	0.09	ng/ul#	95
77) Pyrene	19.60	202	3783	0.11	ng/ul	98
78) Butylbenzylphthalate	20.49	149	976	0.07	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.28	252	266	0.03	ng/ul#	71
80) Benzo(a)anthracene	21.33	228	4865	0.15	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.26	149	1348	0.07	ng/ul#	90
82) Chrysene	21.38	228	3292	0.11	ng/ul#	90
84) Di-n-octyl phthalate	22.16	149	2093	0.07	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	3169	0.10	ng/ul#	92
86) Benzo(k)fluoranthene	23.00	252	2966	0.09	ng/ul#	66
88) Benzo(a)pyrene	23.55	252	3252	0.10	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.99	276	1255	0.03	ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	1056	0.03	ng/ul#	72
91) Benzo(g,h,i)perylene	26.72	276	448	0.01	ng/ul#	77

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

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#2

Benzaldehyde

Concen: 0.09 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

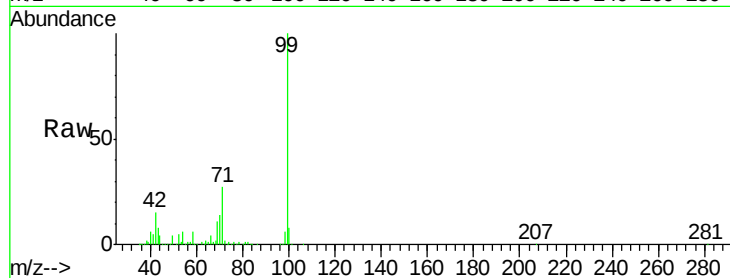
Tgt Ion: 77 Resp: 530

Ion Ratio Lower Upper

77 100

105 0.0 76.6 114.8#

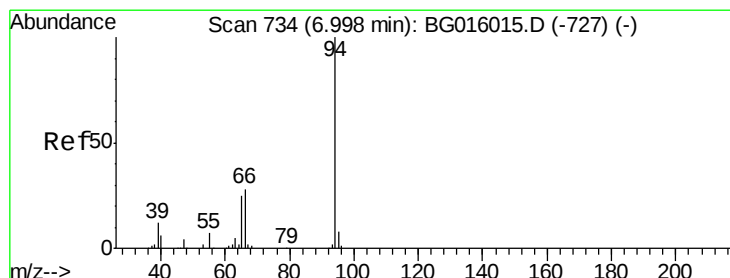
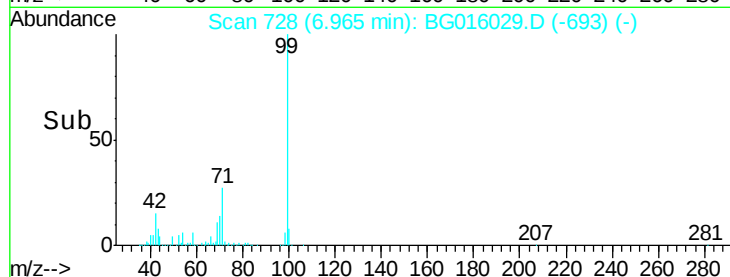
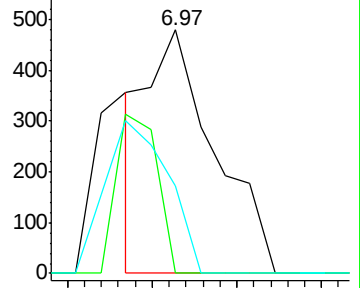
106 35.9 78.2 117.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#4

Phenol

Concen: 0.08 ng/ul

RT: 7.00 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

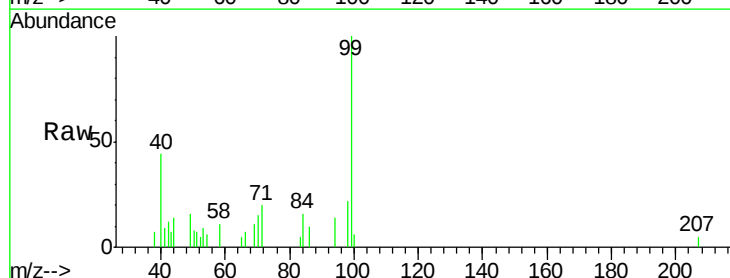
Tgt Ion: 94 Resp: 723

Ion Ratio Lower Upper

94 100

65 34.2 20.8 31.2#

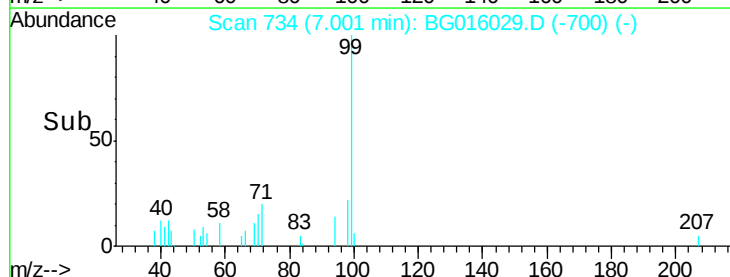
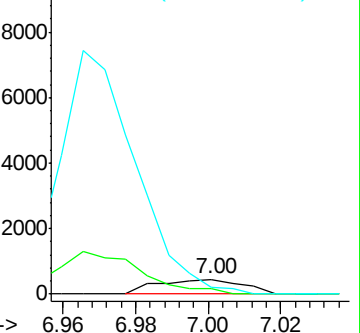
66 49.6 22.6 34.0#

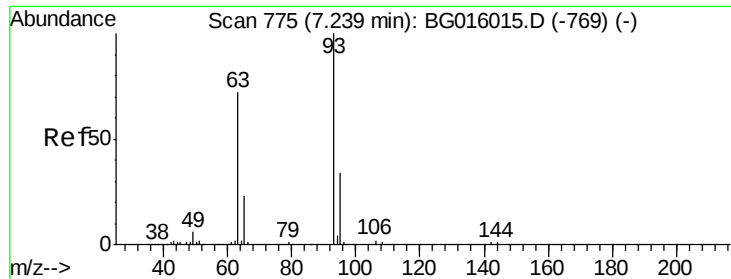


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#6

Bis(2-Chloroethyl)ether

Concen: 0.23 ng/ul

RT: 7.24 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

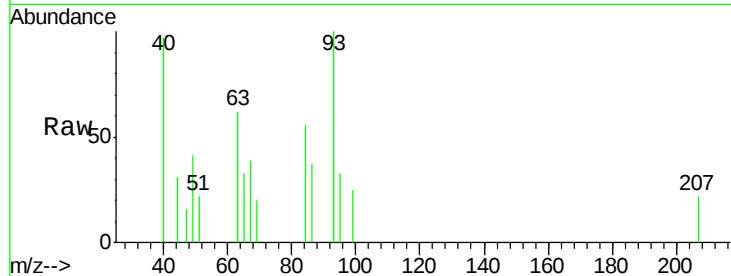
Tgt Ion: 93 Resp: 1717

Ion Ratio Lower Upper

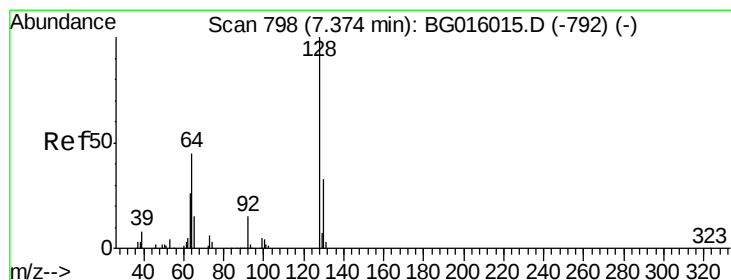
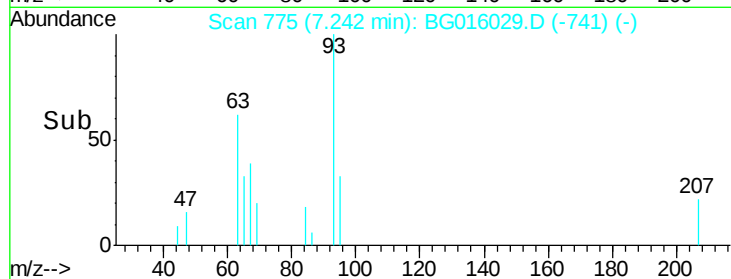
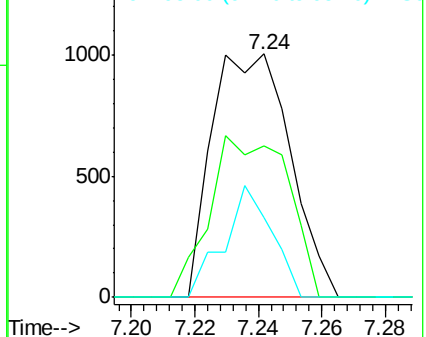
93 100

63 62.2 57.5 86.3

95 33.0 25.8 38.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#8

2-Chlorophenol

Concen: 0.07 ng/ul

RT: 7.38 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

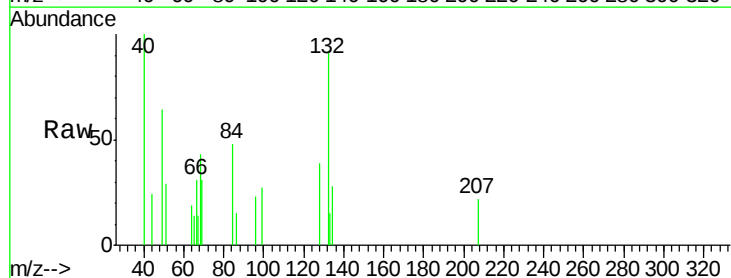
Tgt Ion: 128 Resp: 487

Ion Ratio Lower Upper

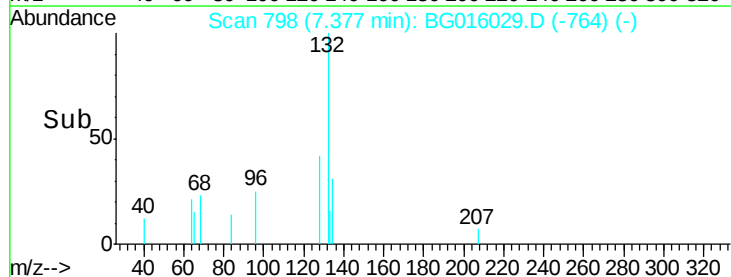
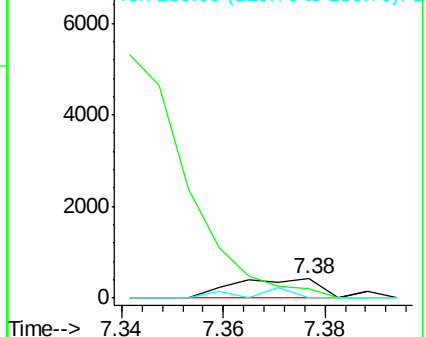
128 100

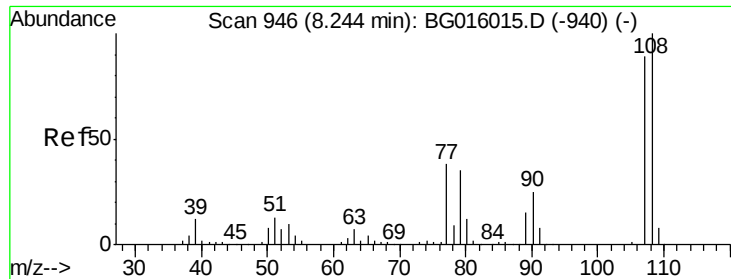
64 50.0 38.2 57.2

130 0.0 24.9 37.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#9

2-Methylphenol

Concen: 0.04 ng/ul

RT: 8.25 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG016029.D

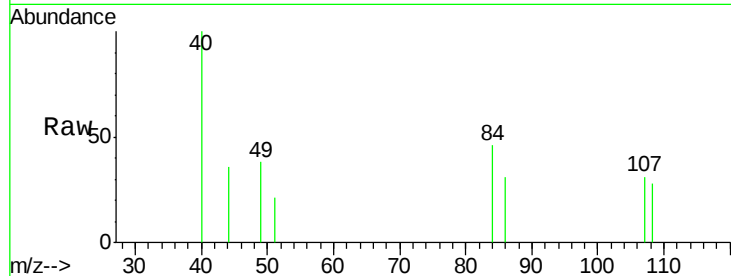
Acq: 20 Feb 2015 9:14

Tgt Ion: 108 Resp: 295

Ion Ratio Lower Upper

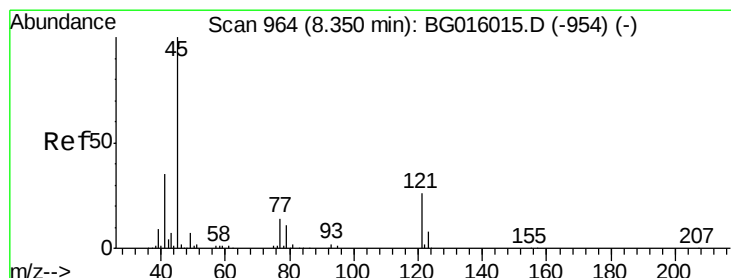
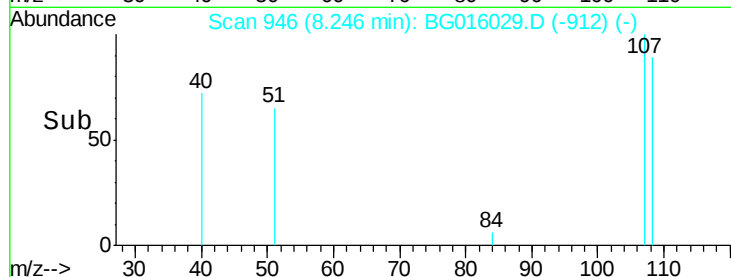
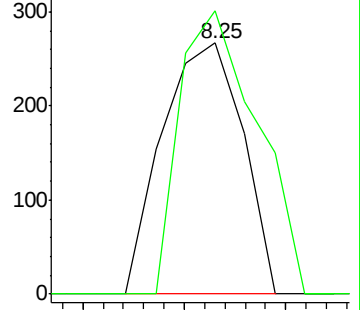
108 100

107 112.7 71.3 106.9#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#10

2,2'-oxybis(1-Chloropropane)

Concen: 0.04 ng/ul

RT: 8.35 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

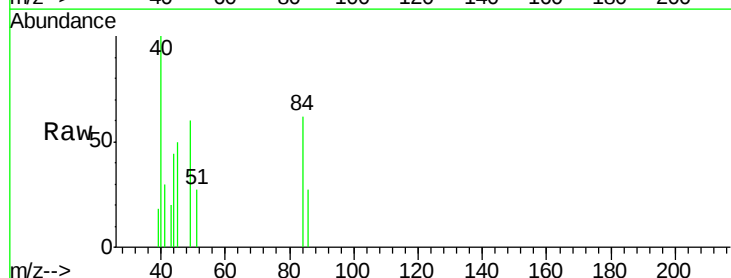
Tgt Ion: 45 Resp: 335

Ion Ratio Lower Upper

45 100

77 0.0 11.4 17.2#

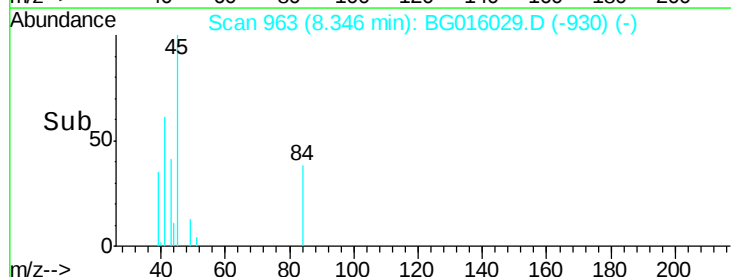
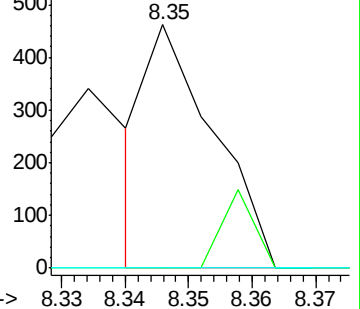
79 0.0 9.0 13.6#

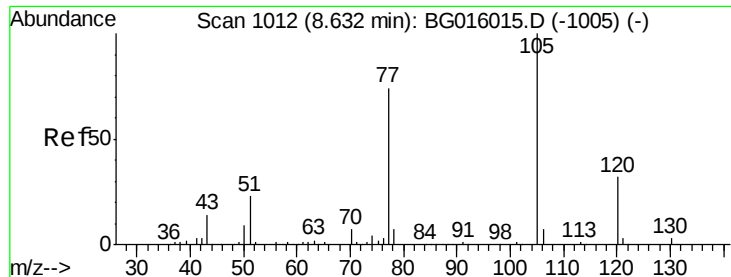


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#12

Acetophenone

Concen: 0.08 ng/ul

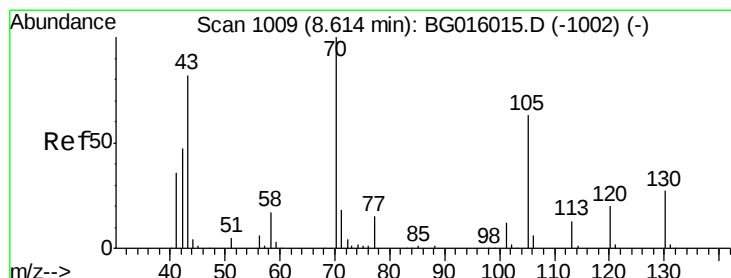
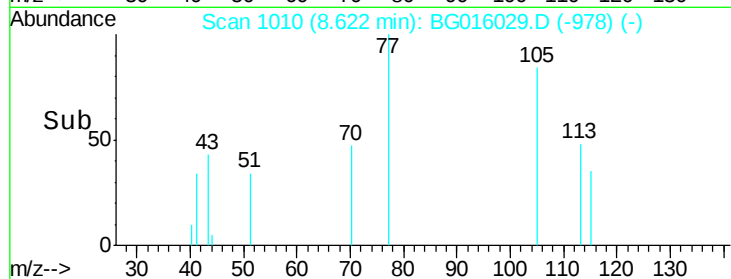
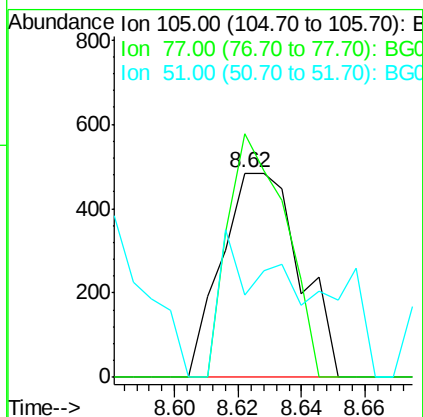
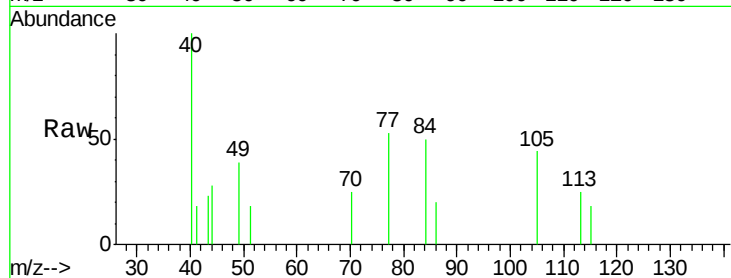
RT: 8.62 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

Tgt Ion:	105	Resp:	828
Ion	Ratio	Lower	Upper
105	100		
77	119.2	64.9	97.3#
51	40.3	19.4	29.0#



#13

N-Nitroso-di-n-propylamine

Concen: 0.12 ng/ul

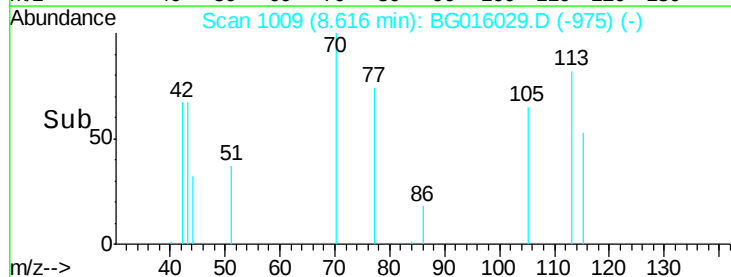
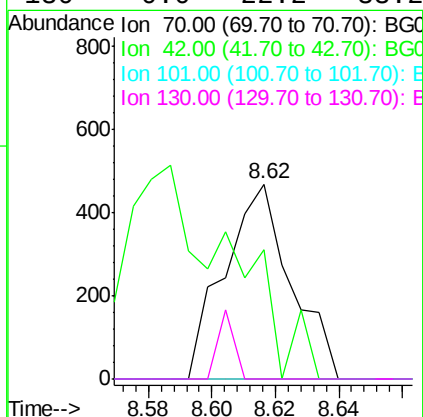
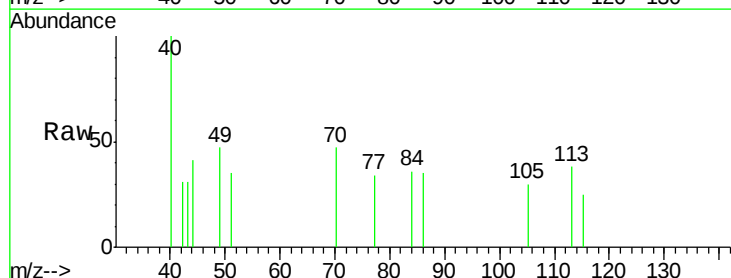
RT: 8.62 min Scan# 1009

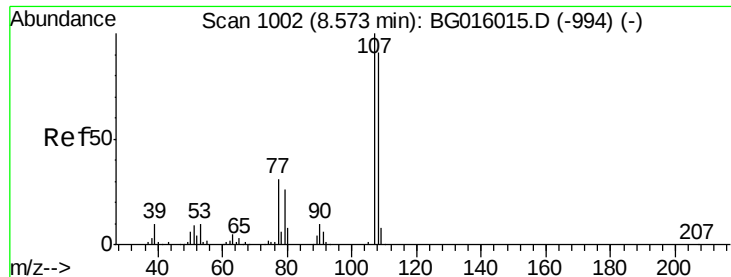
Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

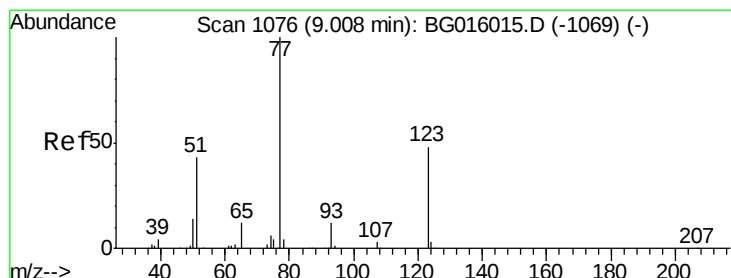
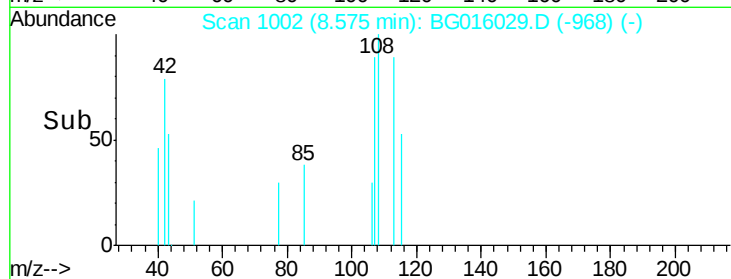
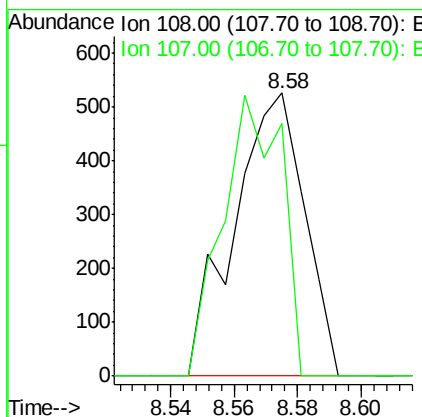
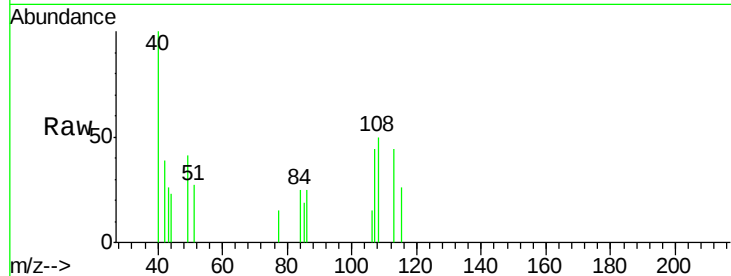
Tgt Ion:	70	Resp:	681
Ion	Ratio	Lower	Upper
70	100		
42	66.5	37.8	56.6#
101	0.0	9.3	13.9#
130	0.0	22.2	33.2#





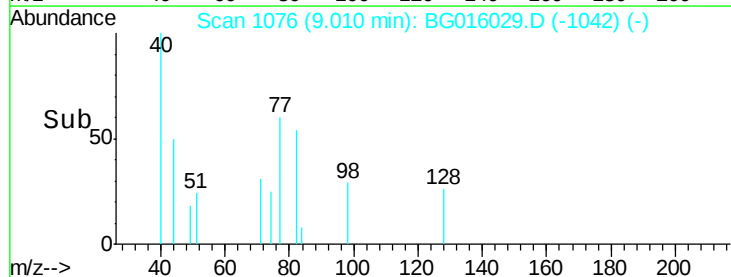
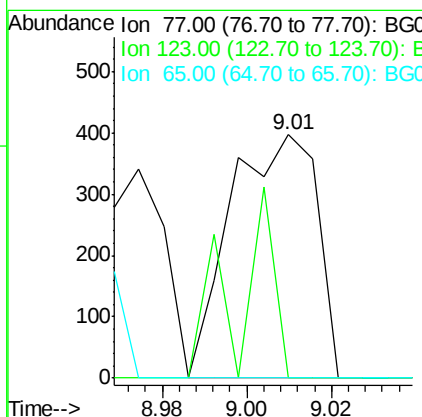
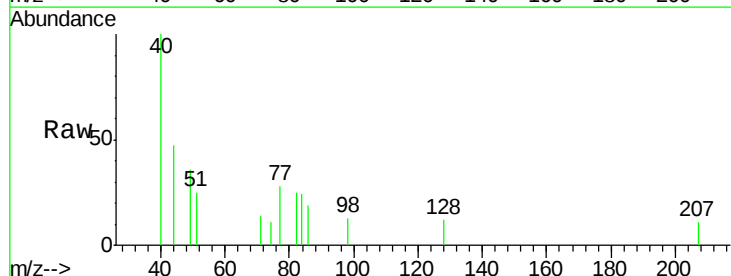
#14
4-Methylphenol
Concen: 0.11 ng/ul
RT: 8.58 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

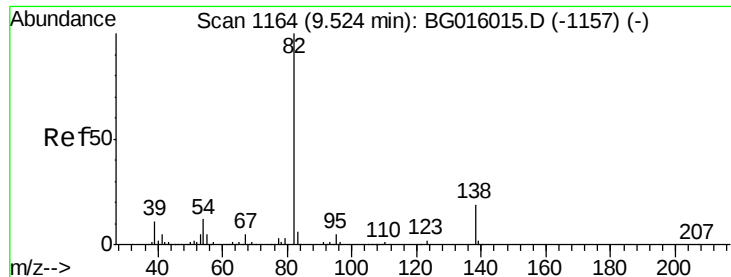
Tgt Ion: 108 Resp: 813
Ion Ratio Lower Upper
108 100
107 89.2 86.2 129.2



#18
Nitrobenzene
Concen: 0.08 ng/ul
RT: 9.01 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion: 77 Resp: 565
Ion Ratio Lower Upper
77 100
123 0.0 39.9 59.9#
65 0.0 11.0 16.6#





#19

Isophorone

Concen: 0.09 ng/ul

RT: 9.53 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

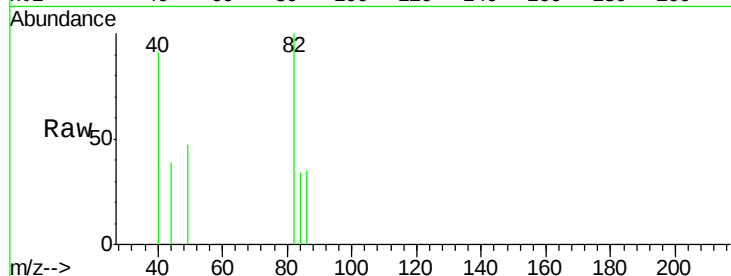
Tgt Ion: 82 Resp: 1326

Ion Ratio Lower Upper

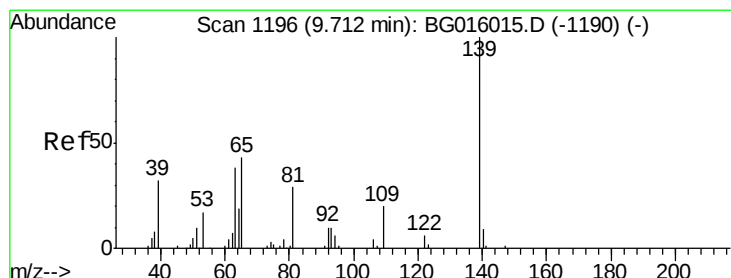
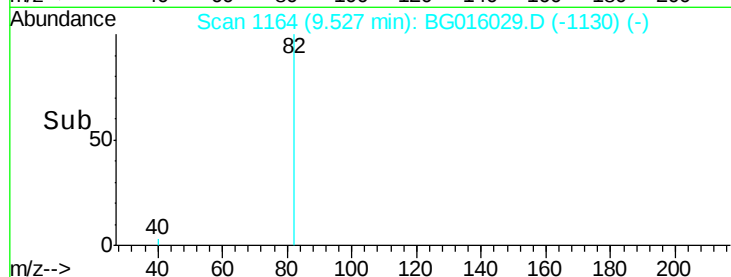
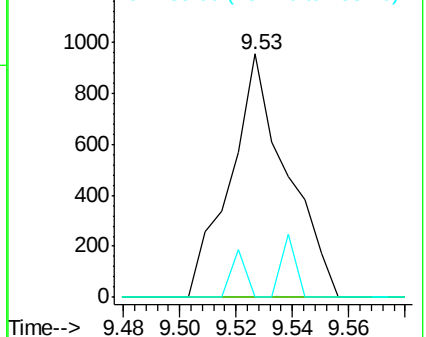
82 100

95 0.0 4.6 6.8#

138 0.0 15.4 23.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#21

2-Nitrophenol

Concen: 0.08 ng/ul

RT: 9.71 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

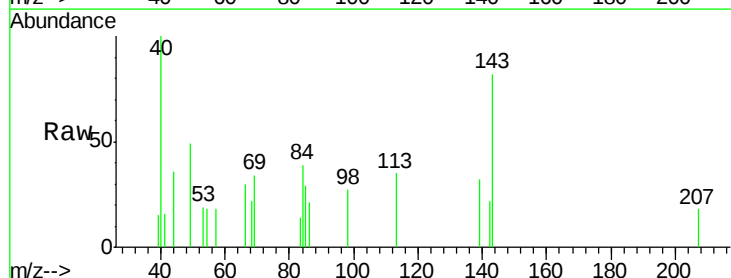
Tgt Ion: 139 Resp: 243

Ion Ratio Lower Upper

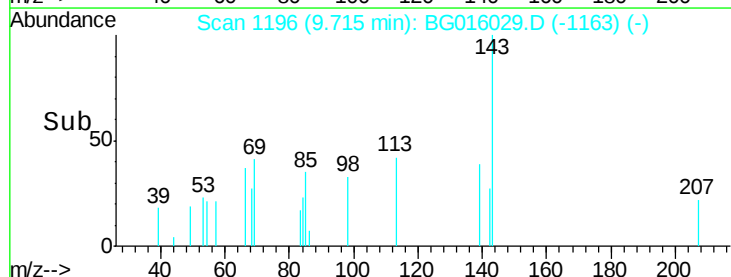
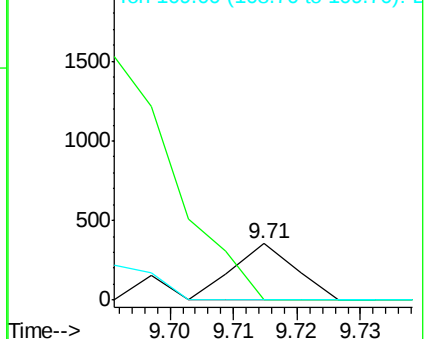
139 100

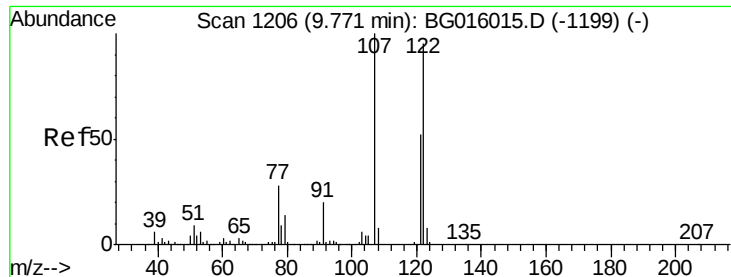
65 0.0 34.2 51.2#

109 0.0 16.6 25.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC





#22

2,4-Dimethylphenol

Concen: 0.10 ng/ul

RT: 9.77 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

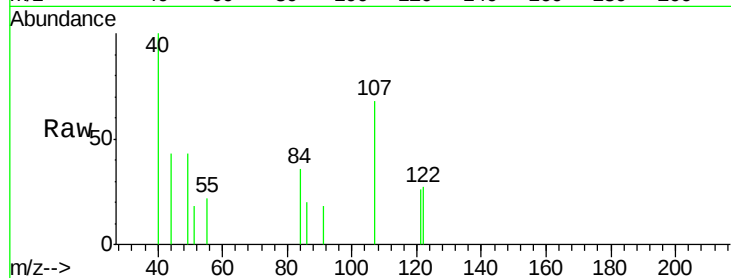
Tgt Ion: 107 Resp: 733

Ion Ratio Lower Upper

107 100

121 37.9 42.6 63.8#

122 40.0 76.6 115.0#

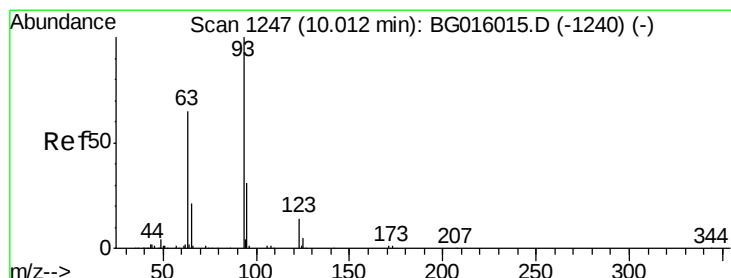
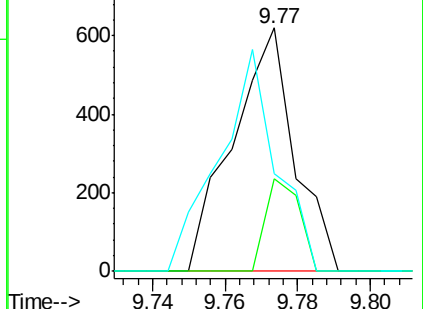
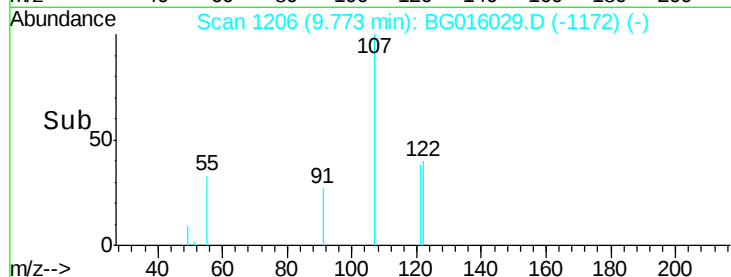


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#23

Bis(2-Chloroethoxy)methane

Concen: 0.09 ng/ul

RT: 10.01 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

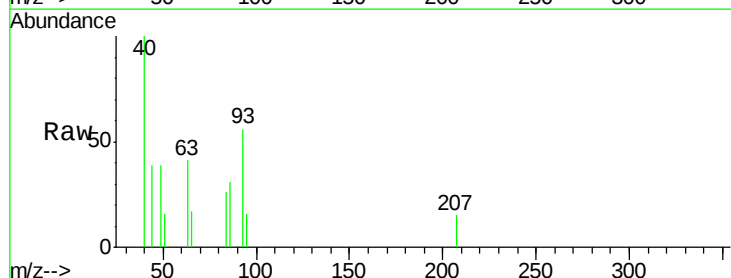
Tgt Ion: 93 Resp: 888

Ion Ratio Lower Upper

93 100

95 28.7 24.3 36.5

123 0.0 11.9 17.9#

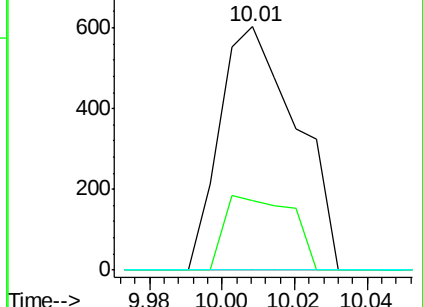
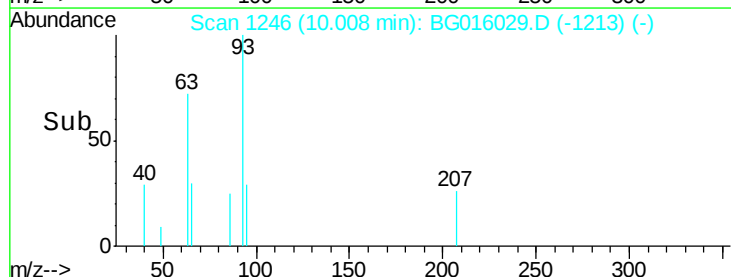


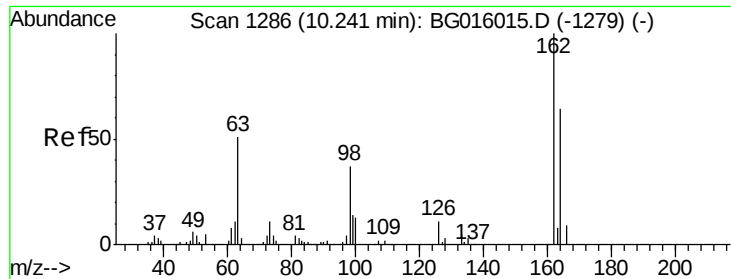
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->





#25

2,4-Dichlorophenol

Concen: 0.08 ng/ul

RT: 10.24 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

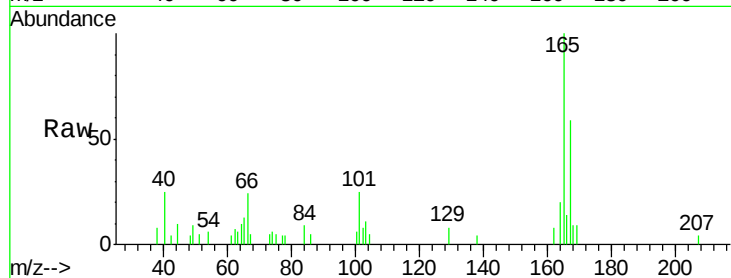
Tgt Ion:162 Resp: 434

Ion Ratio Lower Upper

162 100

164 231.5 55.7 83.5#

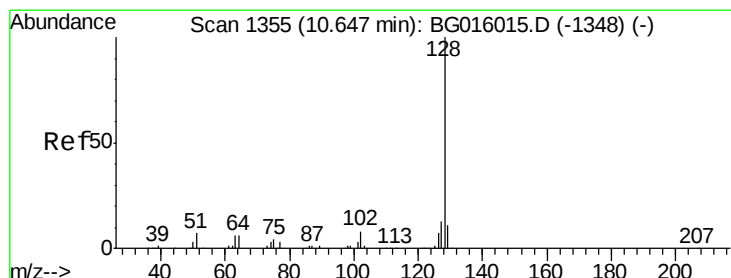
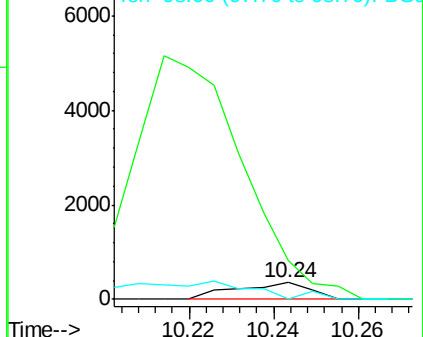
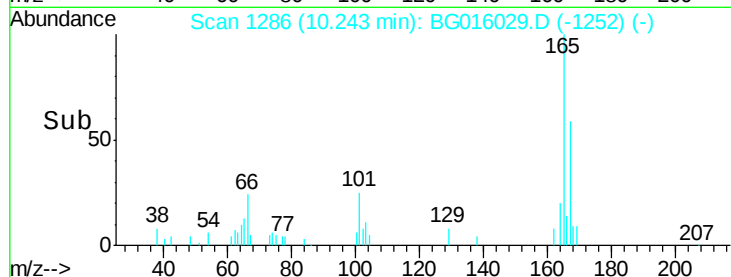
98 0.0 30.2 45.2#



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): B



#26

Naphthalene

Concen: 0.10 ng/ul

RT: 10.65 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

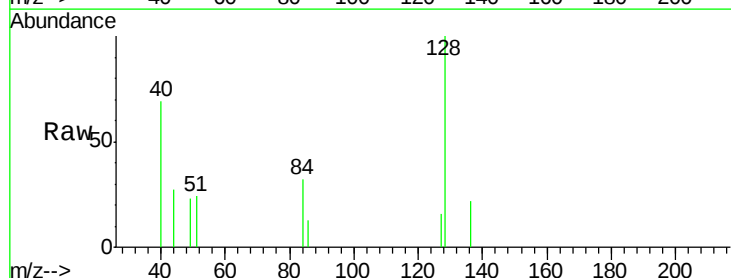
Tgt Ion:128 Resp: 2294

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

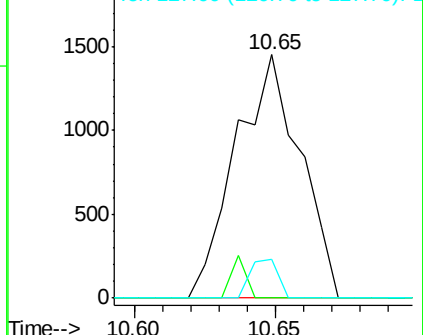
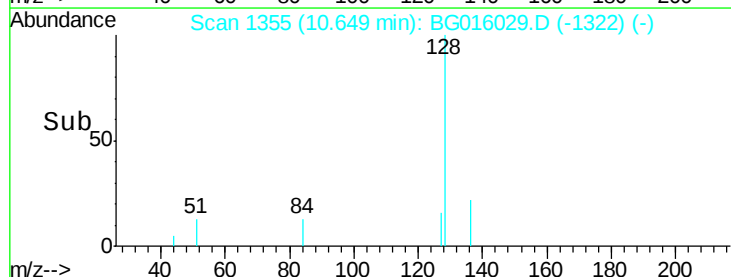
127 15.8 10.4 15.6#

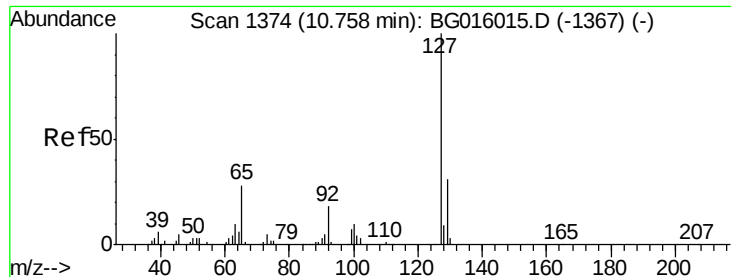


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

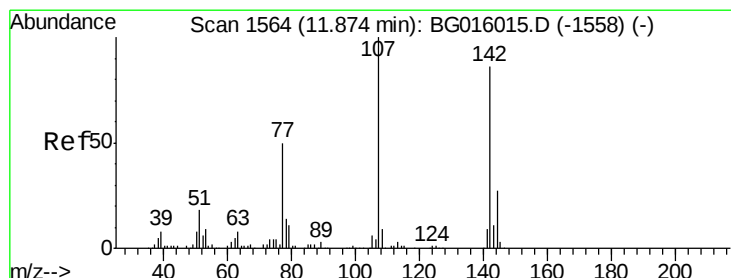
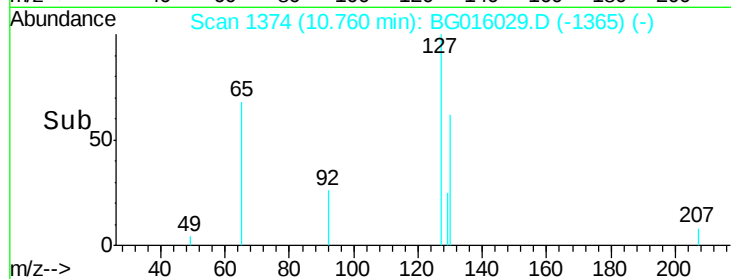
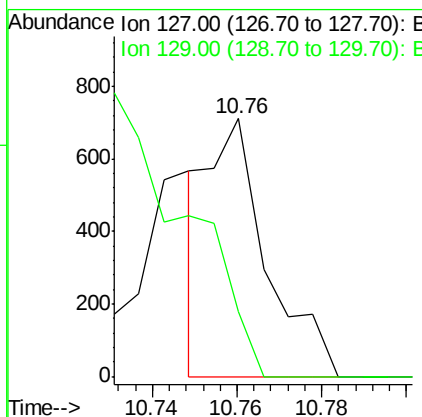
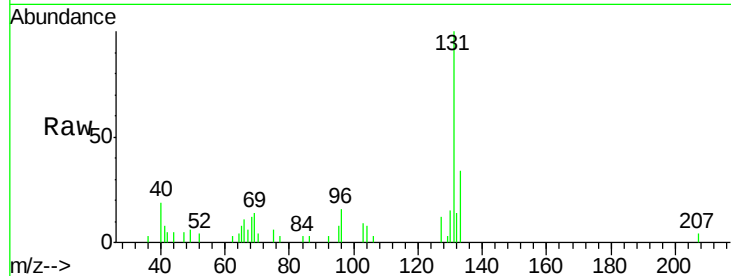
Ion 127.00 (126.70 to 127.70): E





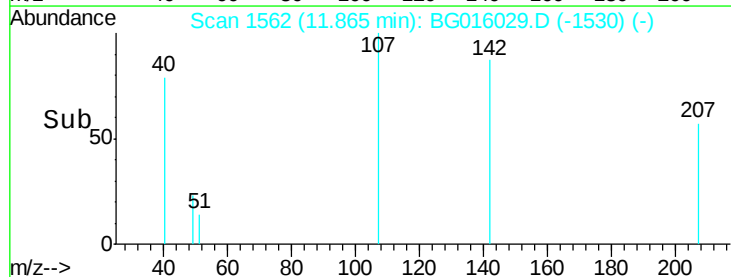
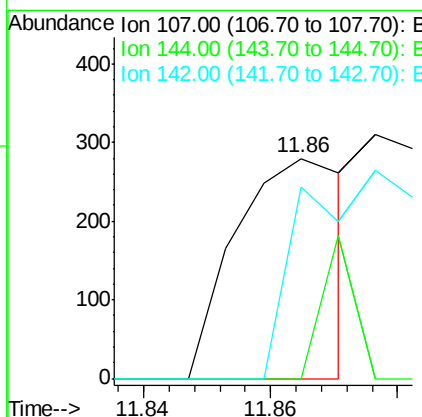
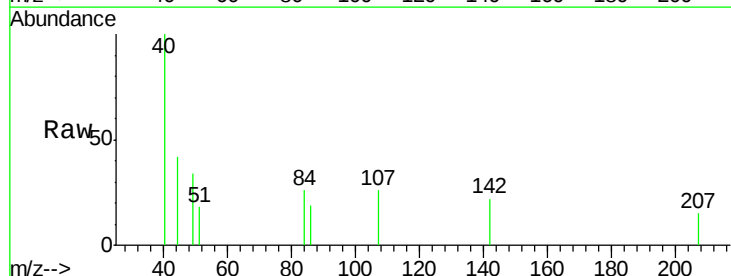
#28
4-Chloroaniline
Concen: 0.11 ng/ul
RT: 10.76 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

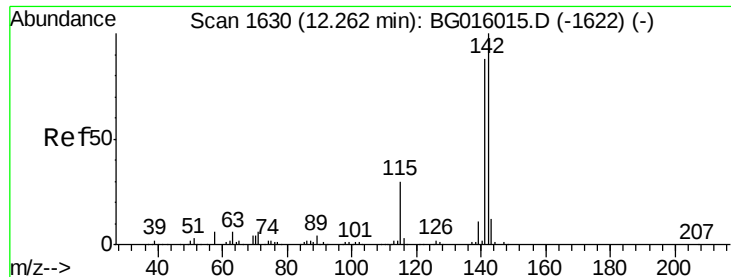
Tgt Ion:127 Resp: 676
Ion Ratio Lower Upper
127 100
129 25.2 25.8 38.8#



#31
4-Chloro-3-methylphenol
Concen: 0.05 ng/ul
RT: 11.86 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:107 Resp: 337
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 87.1 63.7 95.5





#32

2-Methylnaphthalene

Concen: 0.07 ng/ul

RT: 12.26 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG016029.D

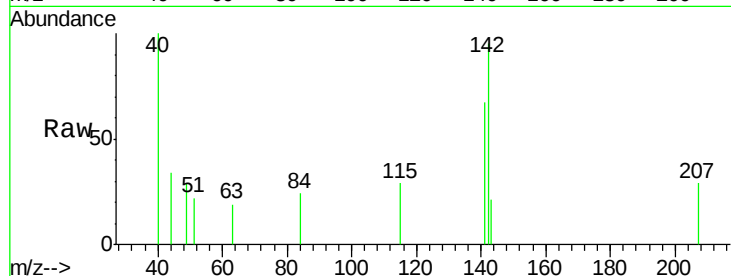
Acq: 20 Feb 2015 9:14

Tgt Ion:142 Resp: 1088

Ion Ratio Lower Upper

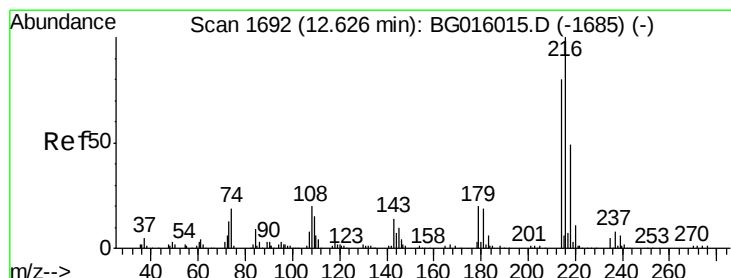
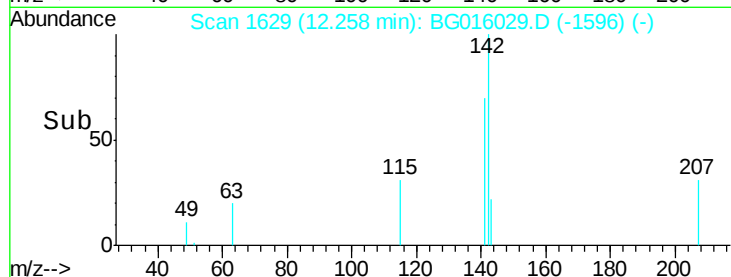
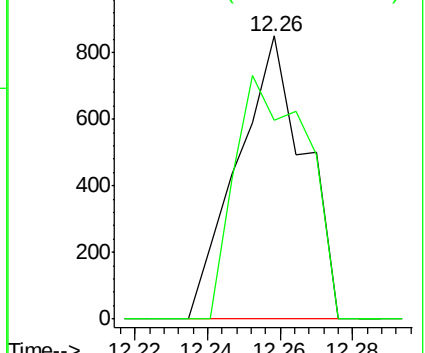
142 100

141 70.2 68.3 102.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#34

1,2,4,5-Tetrachlorobenzene

Concen: 0.12 ng/ul

RT: 12.62 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

Tgt Ion:216 Resp: 824

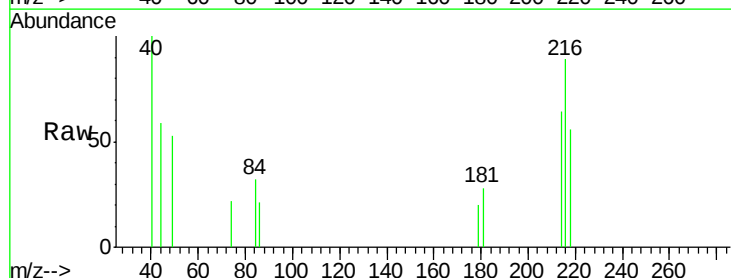
Ion Ratio Lower Upper

216 100

214 72.3 64.3 96.5

179 22.7 15.7 23.5

108 0.0 16.1 24.1#

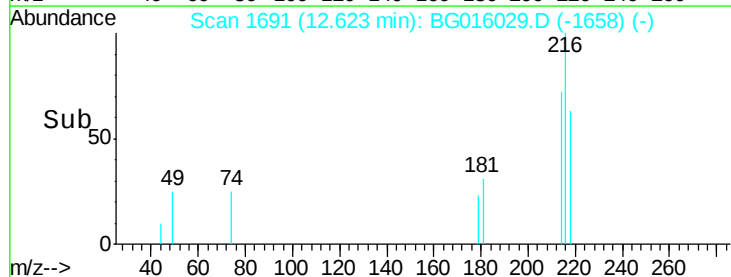
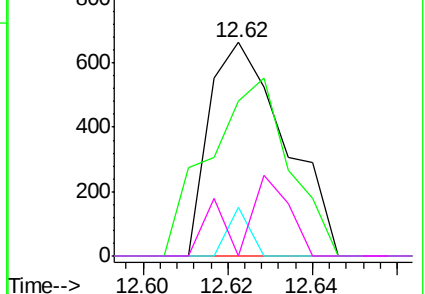


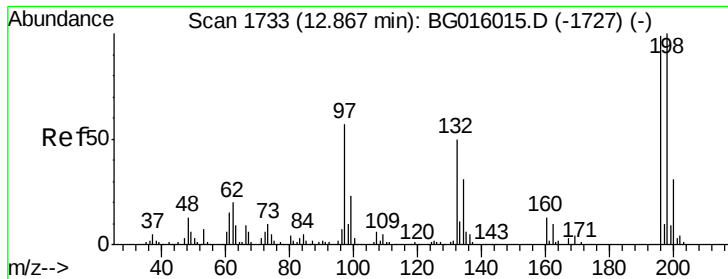
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

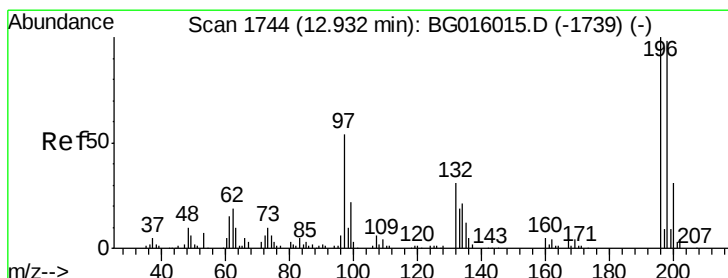
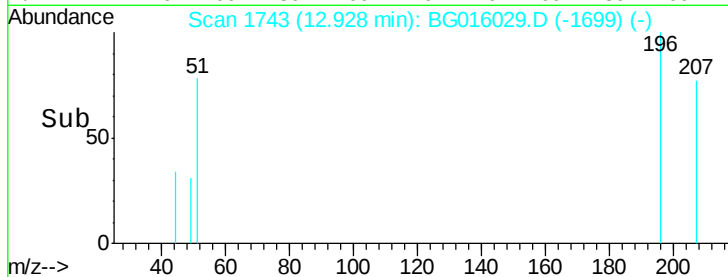
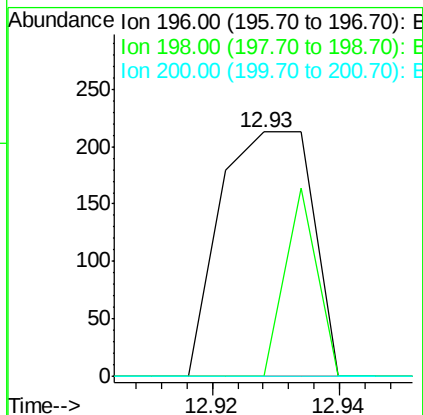
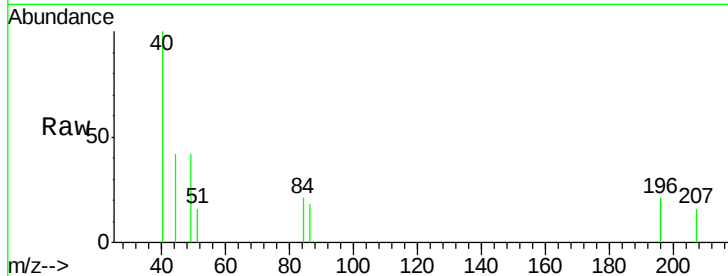
Ion 108.00 (107.70 to 108.70): E





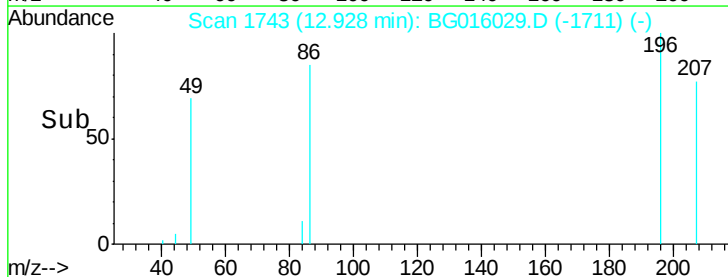
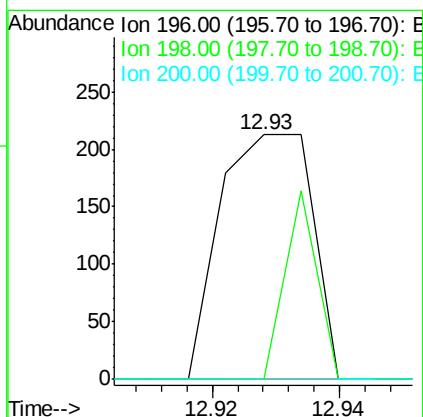
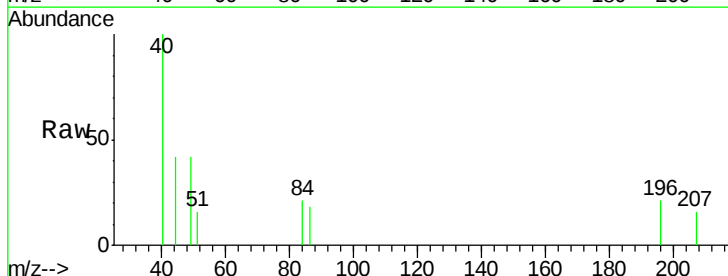
#36
 2,4,6-Trichlorophenol
 Concen: 0.05 ng/ul
 RT: 12.93 min Scan# 1743
 Delta R.T. 0.06 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

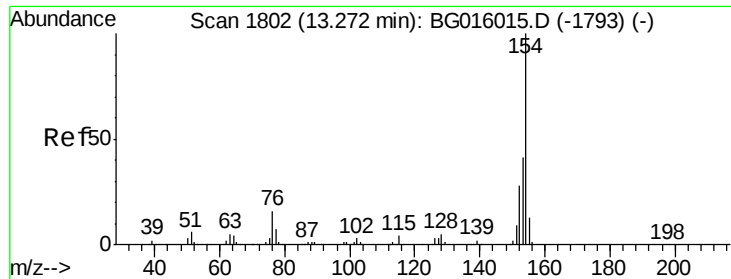
Tgt Ion:	196	Resp:	214
Ion	Ratio	Lower	Upper
196	100		
198	0.0	79.0	118.6#
200	0.0	25.8	38.8#



#37
 2,4,5-Trichlorophenol
 Concen: 0.05 ng/ul
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:	196	Resp:	214
Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.5	111.7#
200	0.0	24.6	37.0#





#38

1,1'-Biphenyl

Concen: 0.09 ng/ul

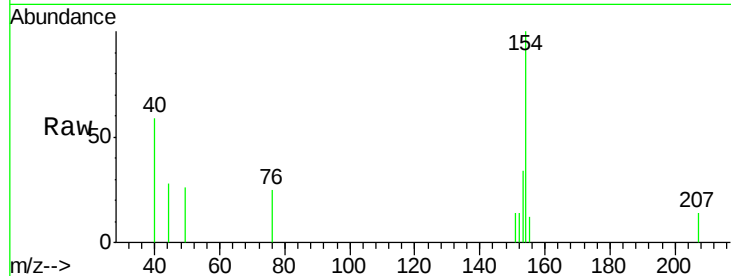
RT: 13.27 min Scan# 1802

Delta R.T. 0.00 min

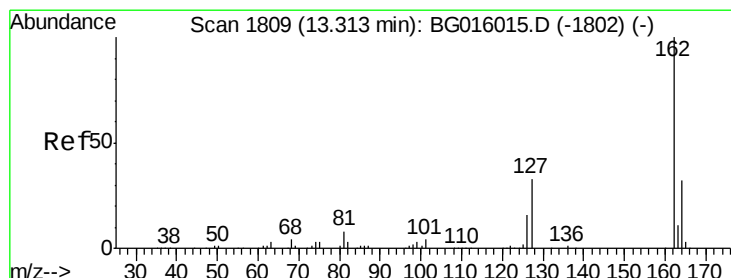
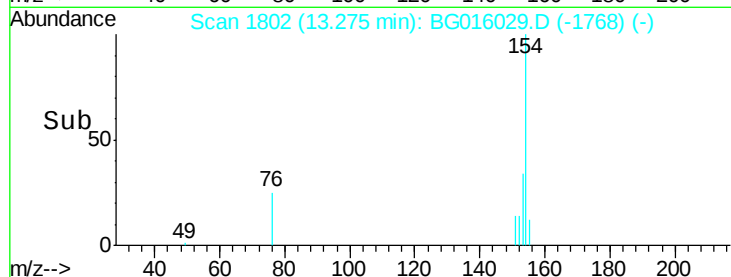
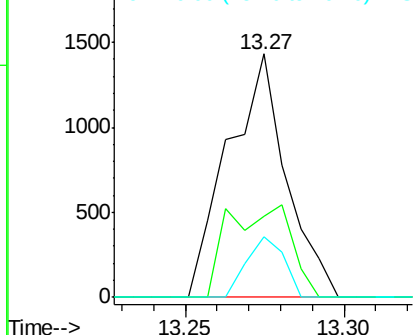
Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

Tgt Ion:	154	Resp:	1825
Ion	Ratio	Lower	Upper
154	100		
153	33.5	32.7	49.1
76	24.9	12.4	18.6#



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): B



#39

2-Chloronaphthalene

Concen: 0.10 ng/ul

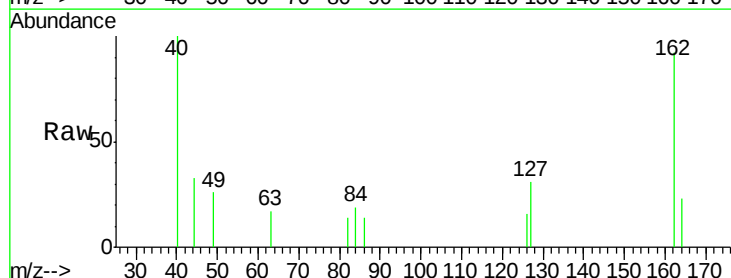
RT: 13.32 min Scan# 1809

Delta R.T. 0.00 min

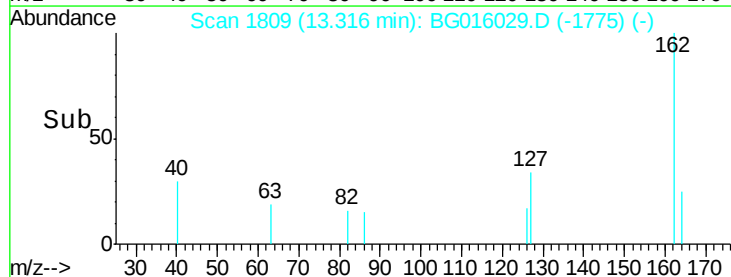
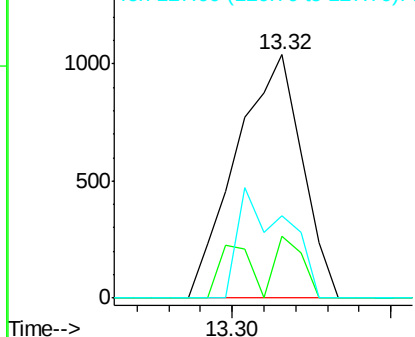
Lab File: BG016029.D

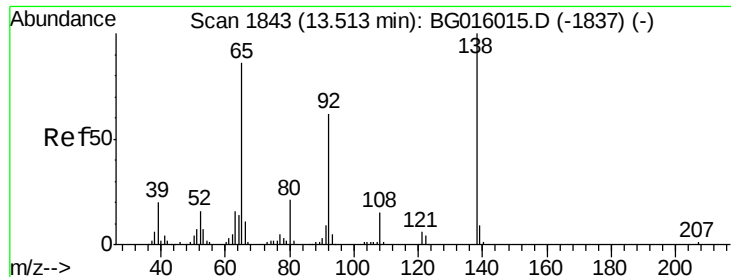
Acq: 20 Feb 2015 9:14

Tgt Ion:	162	Resp:	1489
Ion	Ratio	Lower	Upper
162	100		
164	25.4	26.1	39.1#
127	33.8	30.6	45.8



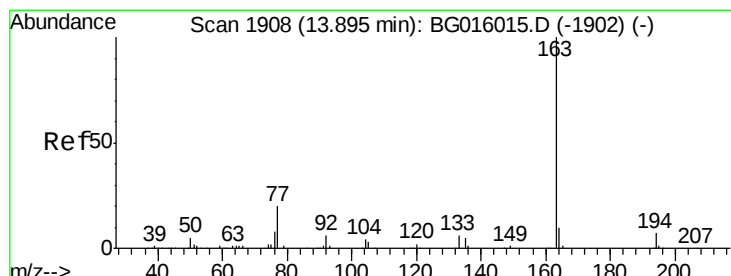
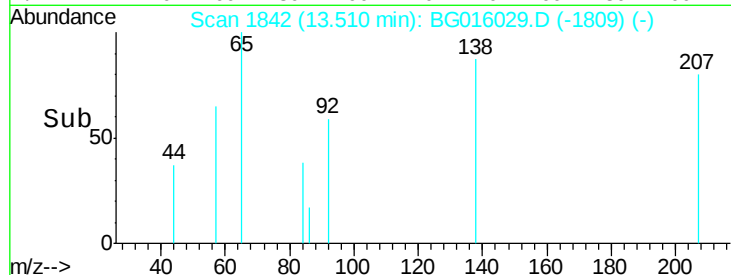
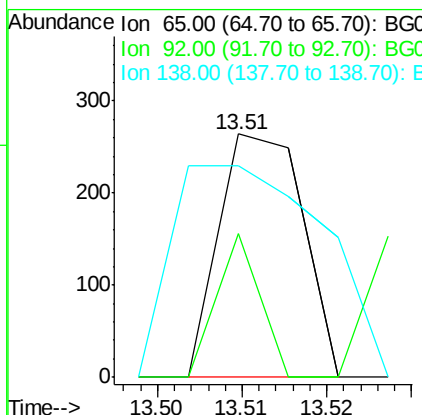
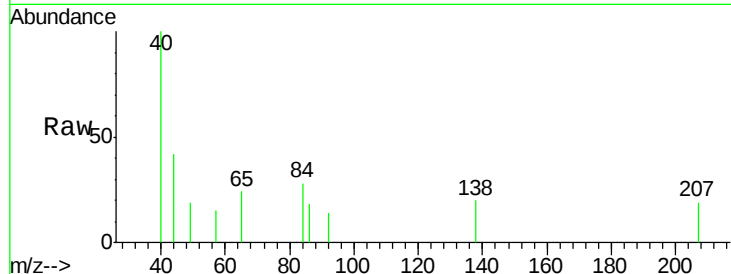
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E





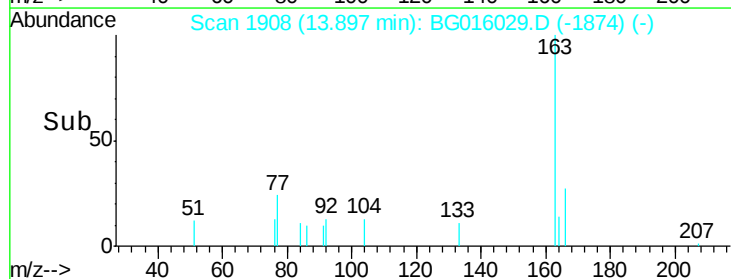
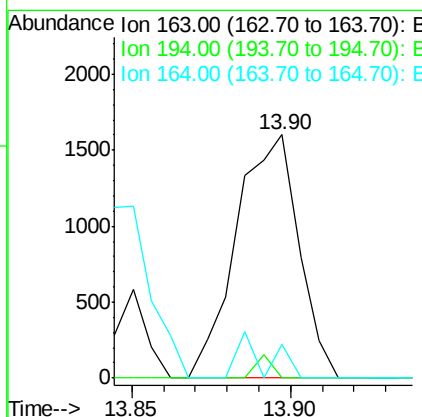
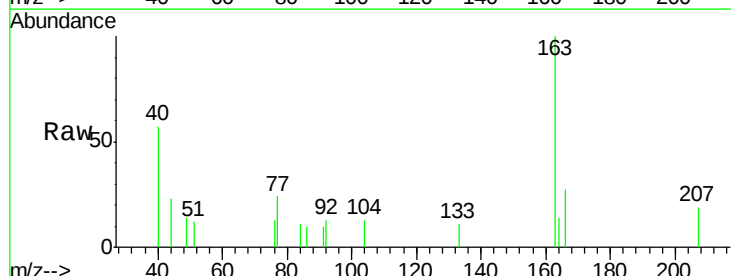
#40
2-Nitroaniline
Concen: 0.05 ng/ul
RT: 13.51 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

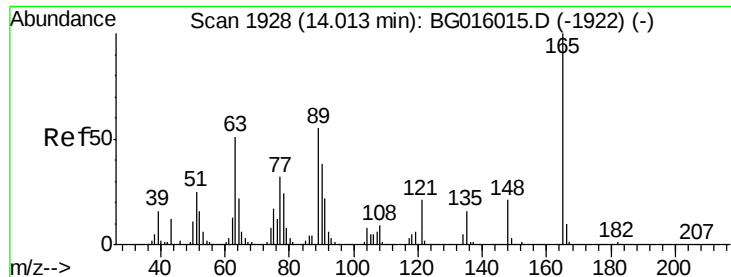
Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 59.1 58.4 87.6
138 87.1 91.0 136.4#



#42
Dimethylphthalate
Concen: 0.12 ng/ul
RT: 13.90 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

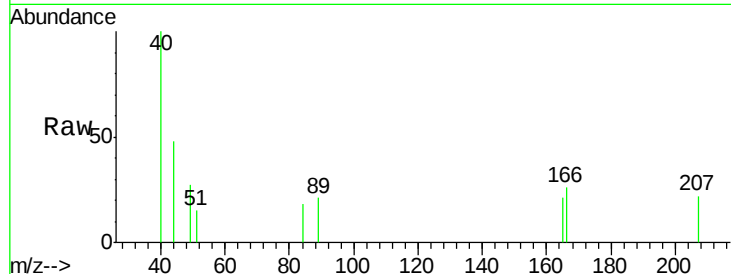
Tgt Ion: 163 Resp: 2186
Ion Ratio Lower Upper
163 100
194 0.0 5.3 7.9#
164 13.7 8.5 12.7#



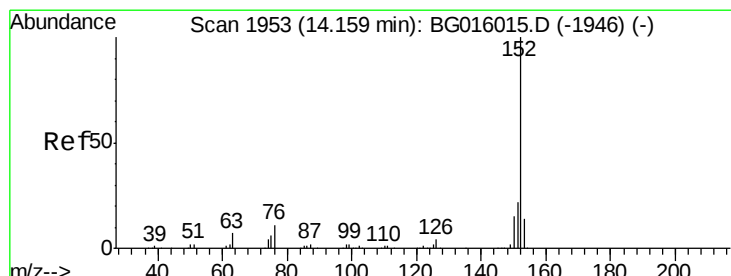
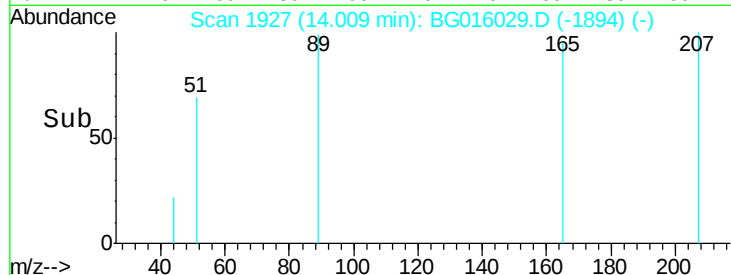
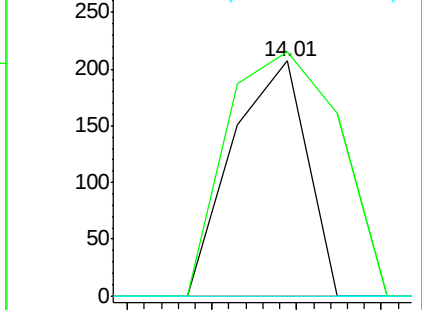


#43
 2,6-Dinitrotoluene
 Concen: 0.04 ng/ul
 RT: 14.01 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
165	100		
89	103.9	39.8	59.8#
121	0.0	15.8	23.6#

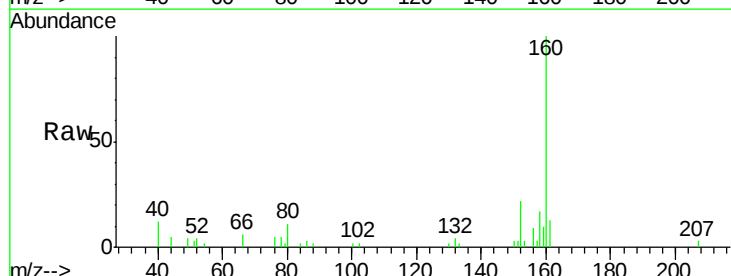


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

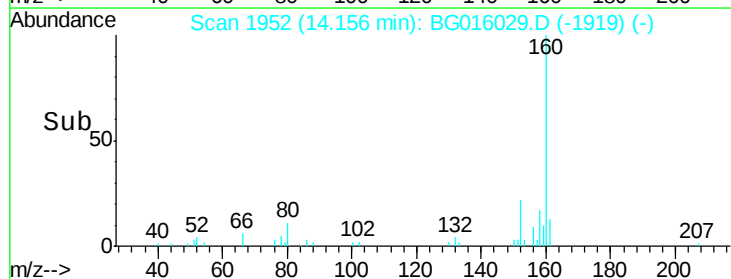
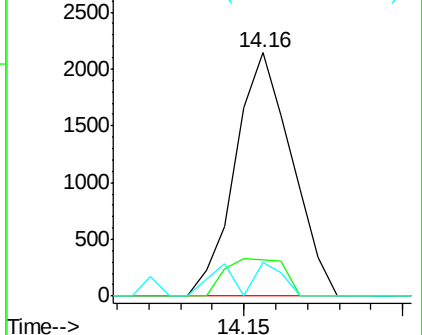


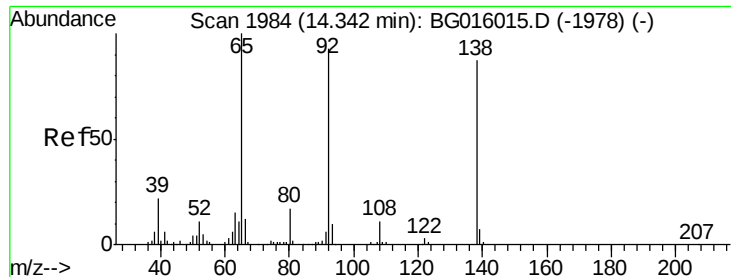
#45
 Acenaphthylene
 Concen: 0.10 ng/ul
 RT: 14.16 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	14.8	16.2	24.4#
153	14.0	10.7	16.1



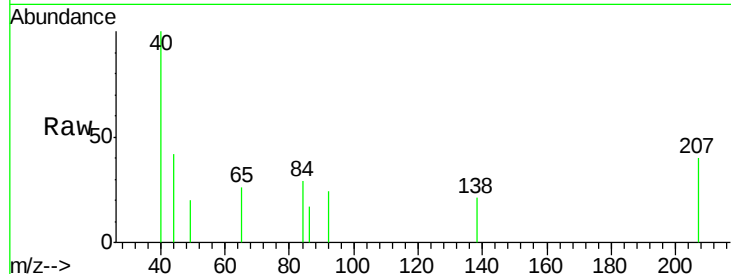
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E



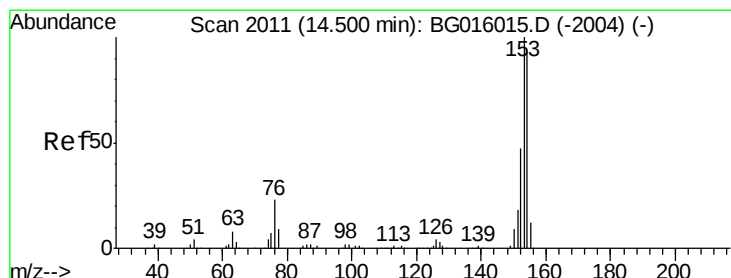
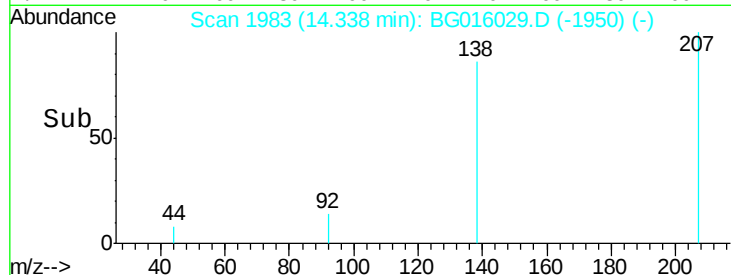
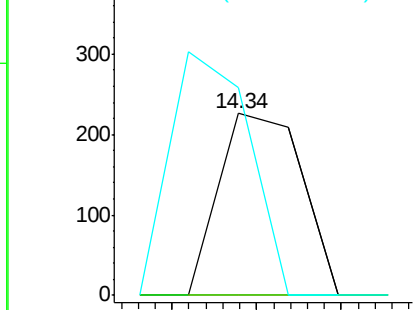


#46
3-Nitroaniline
Concen: 0.04 ng/ul
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:138 Resp: 153
Ion Ratio Lower Upper
138 100
108 0.0 9.5 14.3#
92 114.6 82.7 124.1

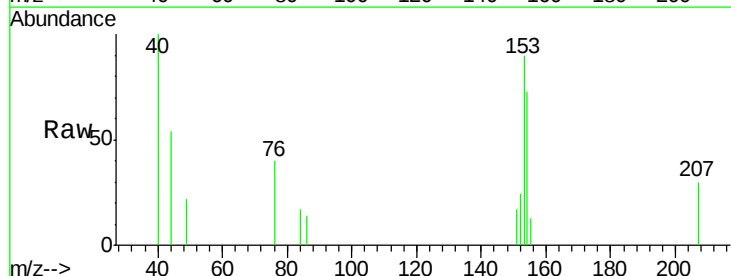


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

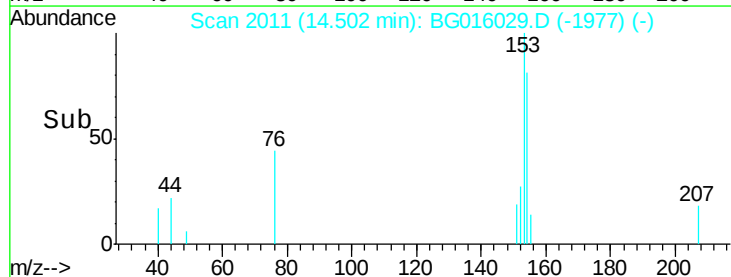
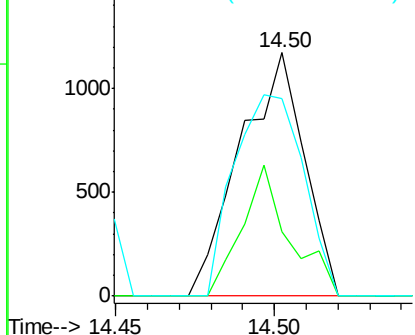


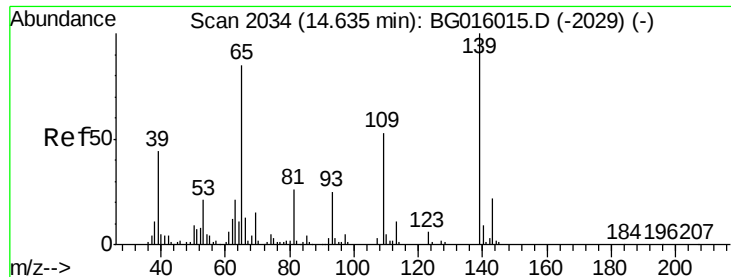
#47
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:153 Resp: 1643
Ion Ratio Lower Upper
153 100
152 26.6 38.6 58.0#
154 81.3 74.6 111.8



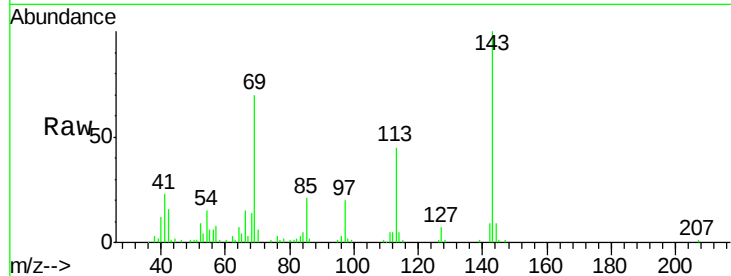
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



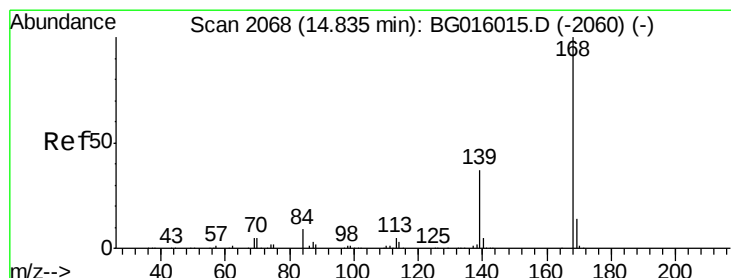
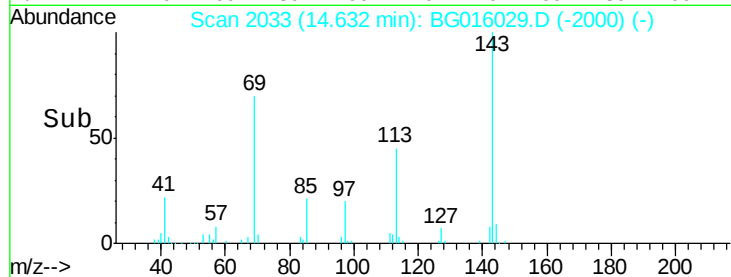
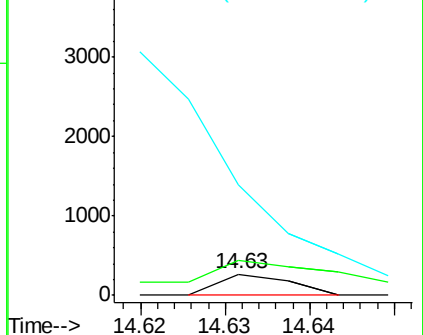


#50
4-Nitrophenol
Concen: 0.08 ng/ul
RT: 14.63 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:109 Resp: 157
Ion Ratio Lower Upper
109 100
139 168.8 146.1 219.1
65 532.3 123.5 185.3#

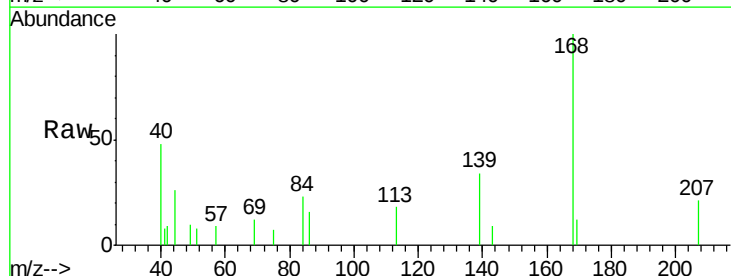


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): B

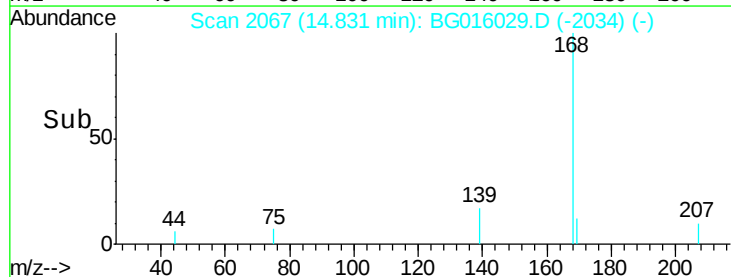
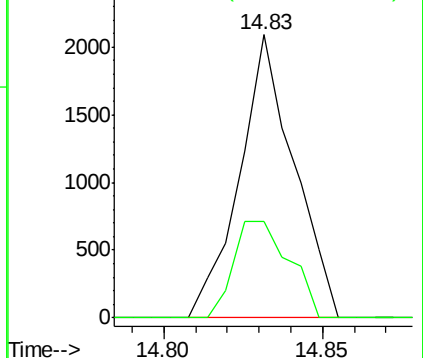


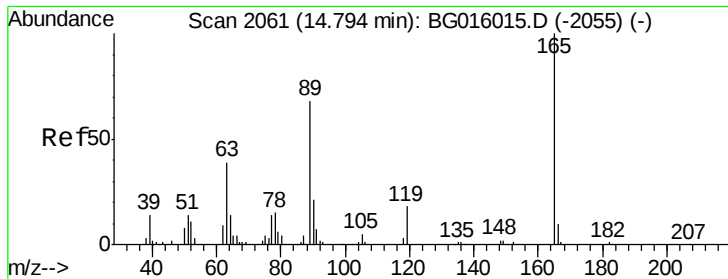
#51
Dibenzofuran
Concen: 0.11 ng/ul
RT: 14.83 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:168 Resp: 2493
Ion Ratio Lower Upper
168 100
139 33.9 29.7 44.5



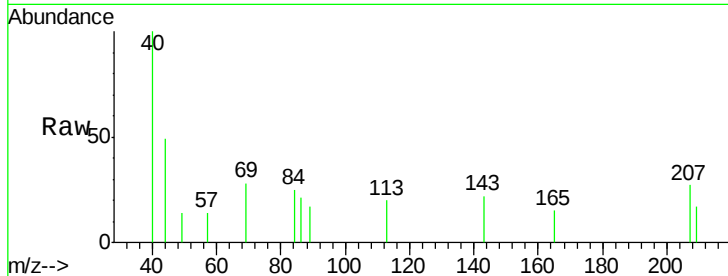
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E



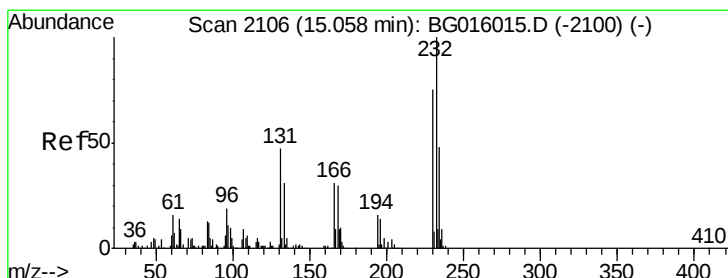
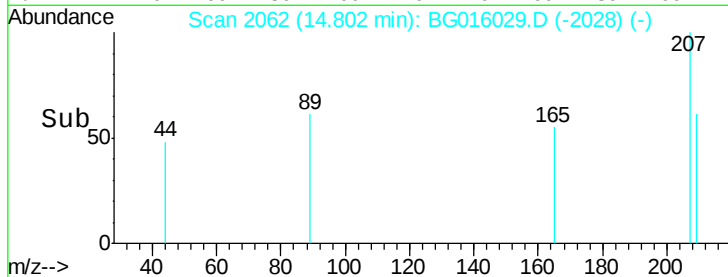
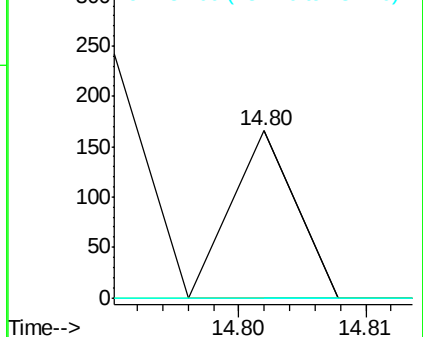


#52
 2,4-Dinitrotoluene
 Concen: 0.01 ng/ul
 RT: 14.80 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:165 Resp: 59
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.0 42.0#
 182 0.0 4.1 6.1#

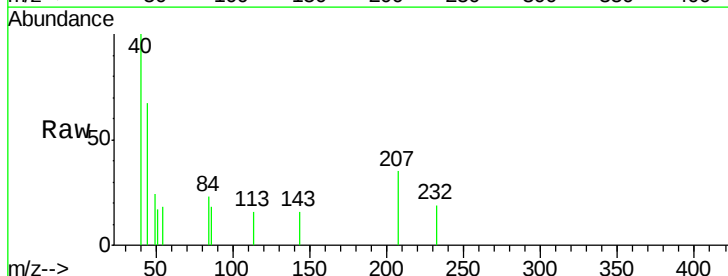


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 182.00 (181.70 to 182.70): E

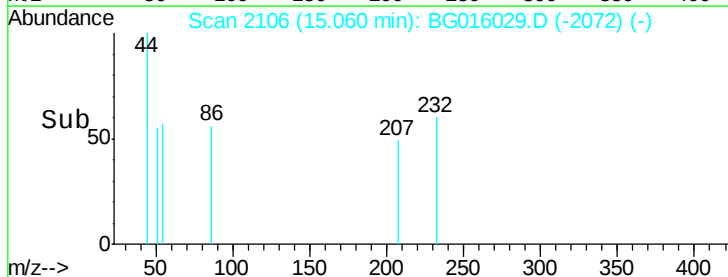
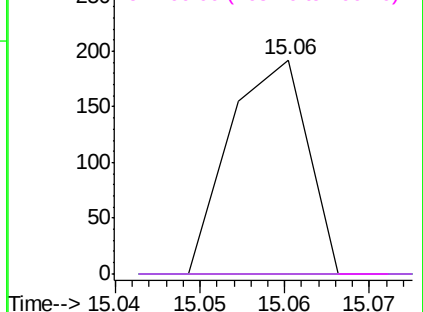


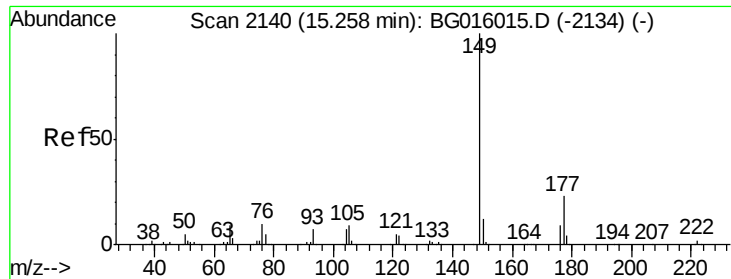
#53
 2,3,4,6-Tetrachlorophenol
 Concen: 0.03 ng/ul
 RT: 15.06 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:232 Resp: 122
 Ion Ratio Lower Upper
 232 100
 131 0.0 35.9 53.9#
 130 0.0 2.1 3.1#
 166 0.0 24.4 36.6#



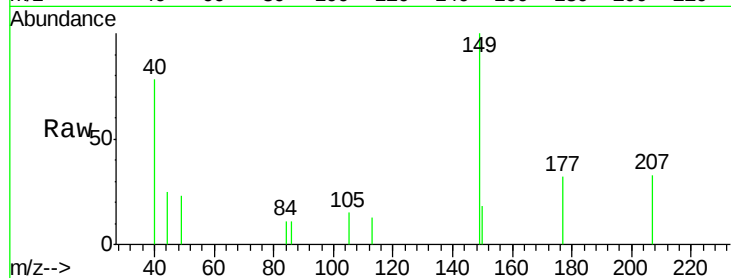
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



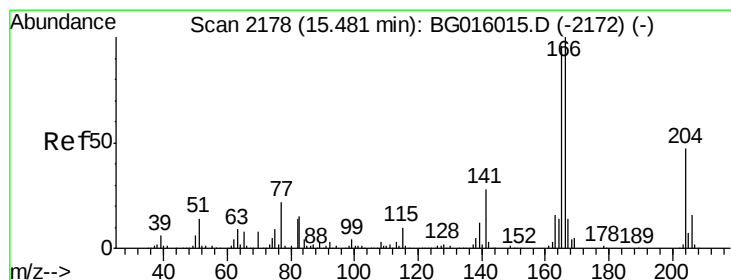
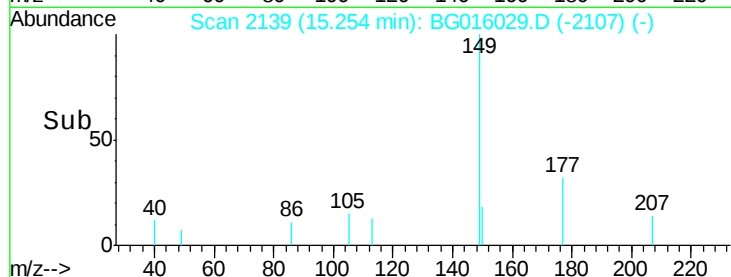
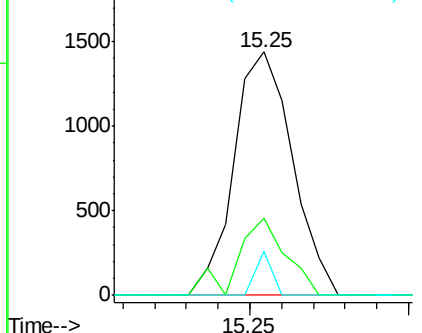


#54
Diethylphthalate
Concen: 0.10 ng/ul
RT: 15.25 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:149 Resp: 1838
Ion Ratio Lower Upper
149 100
177 31.9 19.3 28.9#
150 18.1 10.2 15.4#

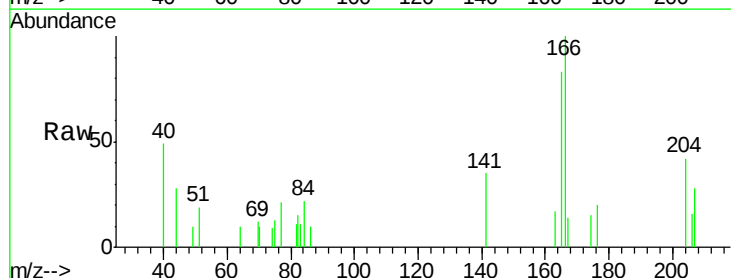


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

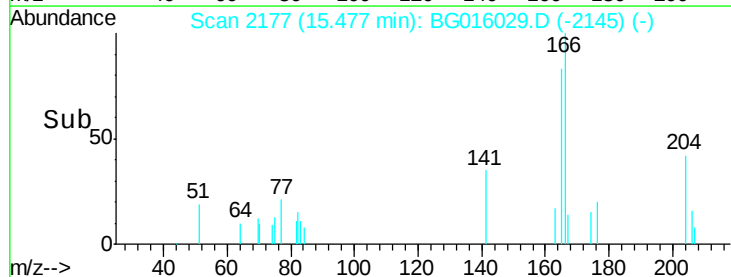
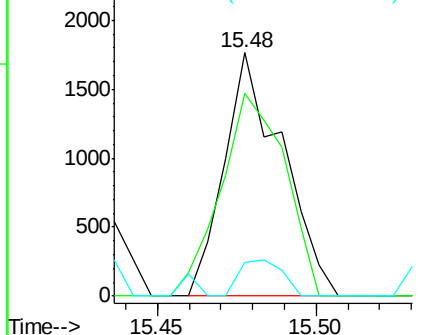


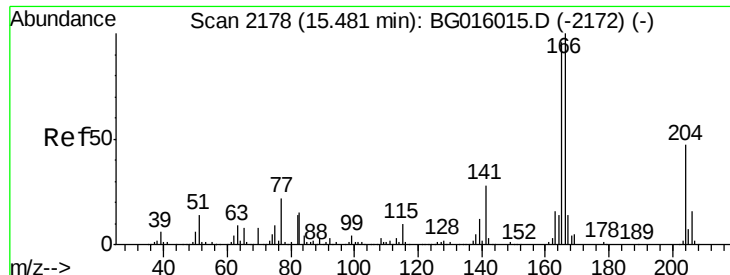
#56
Fluorene
Concen: 0.11 ng/ul
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:166 Resp: 2238
Ion Ratio Lower Upper
166 100
165 83.3 75.4 113.2
167 13.8 11.0 16.4



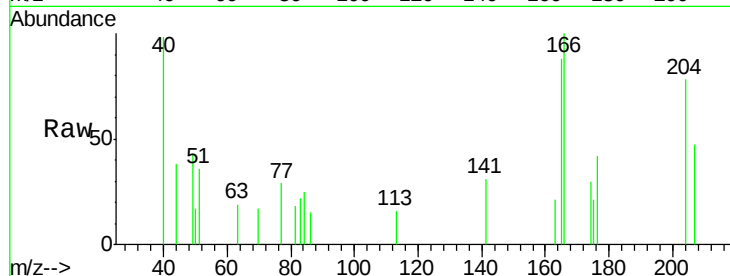
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



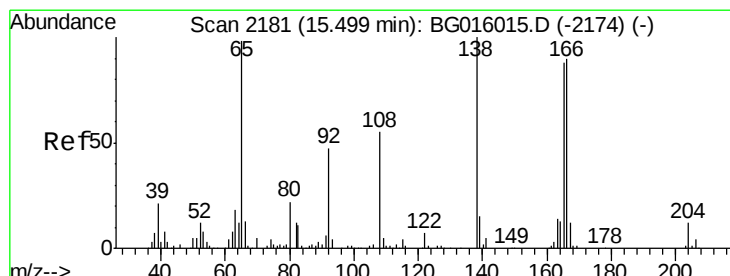
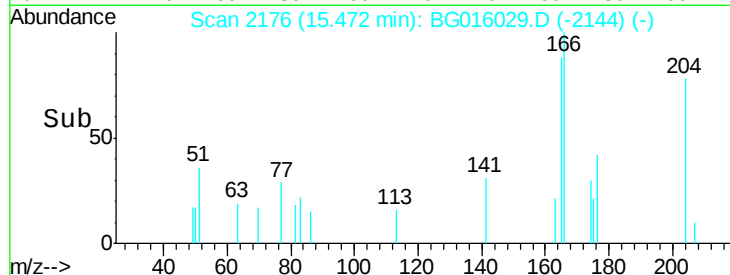
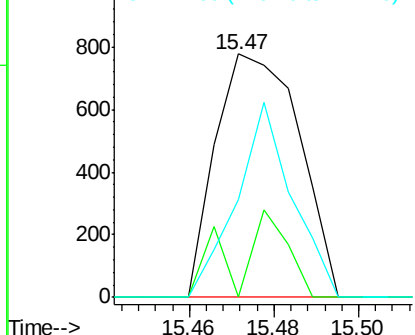


#57
 4-Chlorophenyl-phenylether
 Concen: 0.12 ng/ul
 RT: 15.47 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion: 204 Resp: 1070
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.8 38.6#
 141 40.4 48.1 72.1#

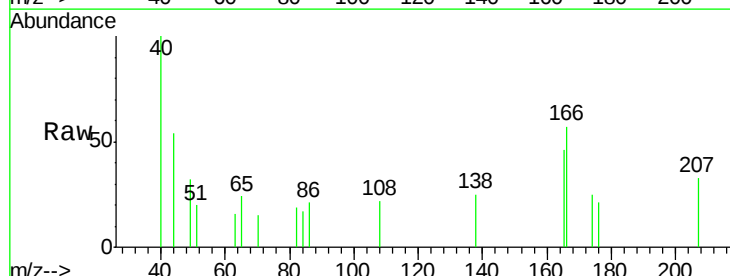


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

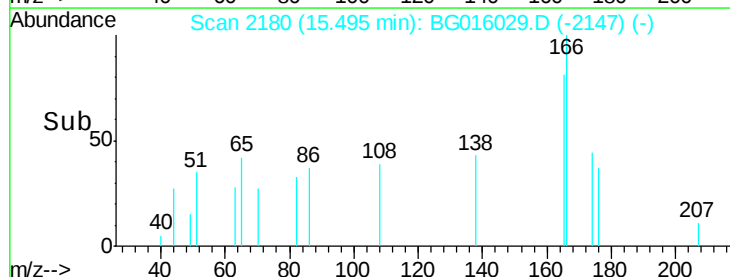
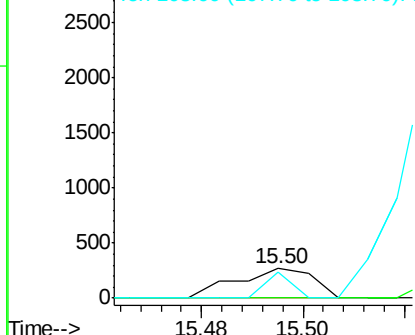


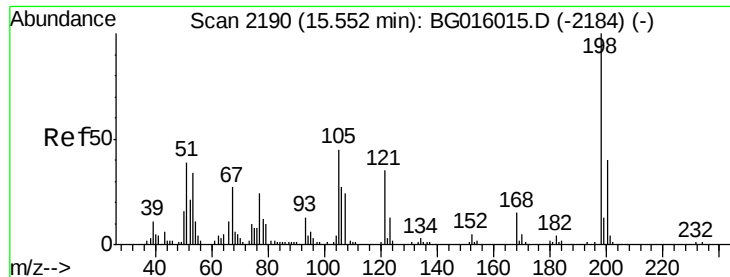
#58
 4-Nitroaniline
 Concen: 0.06 ng/ul
 RT: 15.50 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion: 138 Resp: 281
 Ion Ratio Lower Upper
 138 100
 92 0.0 38.1 57.1#
 108 90.3 46.4 69.6#



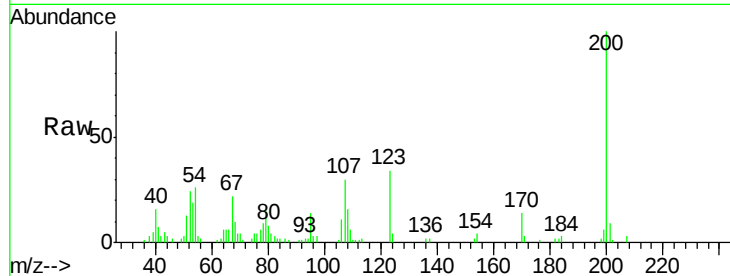
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E



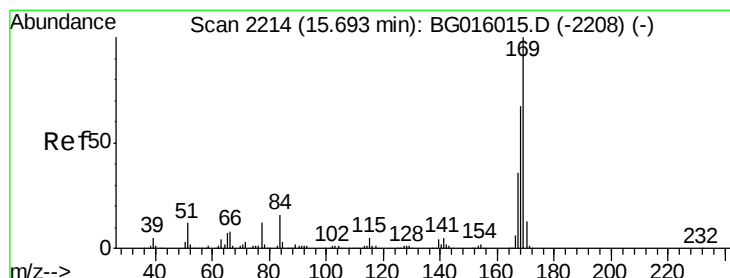
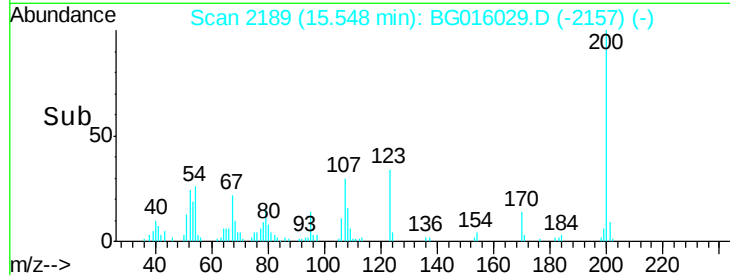
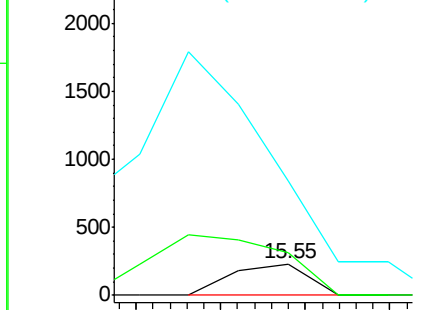


#61
 4,6-Dinitro-2-methylphenol
 Concen: 0.06 ng/ul
 RT: 15.55 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
198	100		
182	134.8	2.0	3.0#
77	365.7	15.8	23.8#

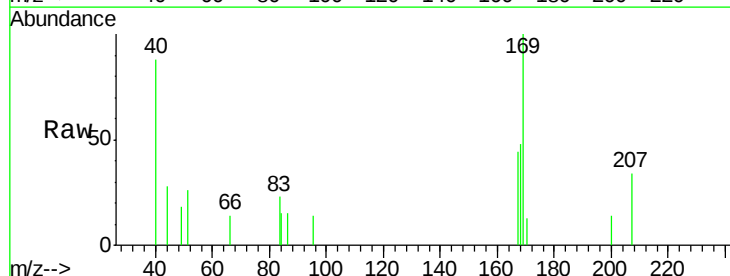


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

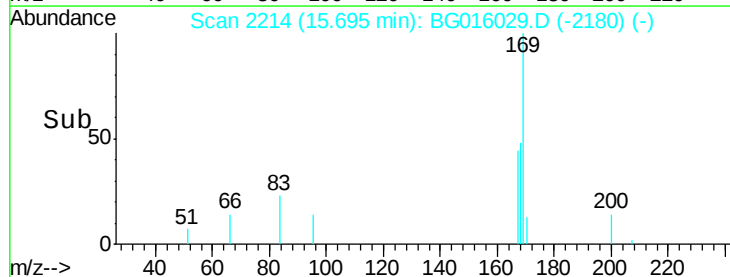
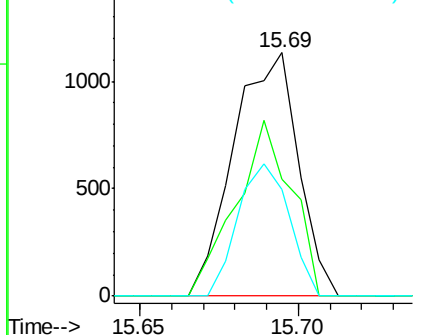


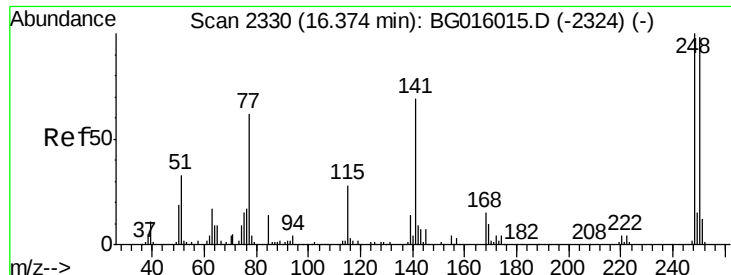
#62
 N-Nitrosodiphenylamine
 Concen: 0.09 ng/ul
 RT: 15.69 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	48.0	53.8	80.8#
167	43.9	29.2	43.8#



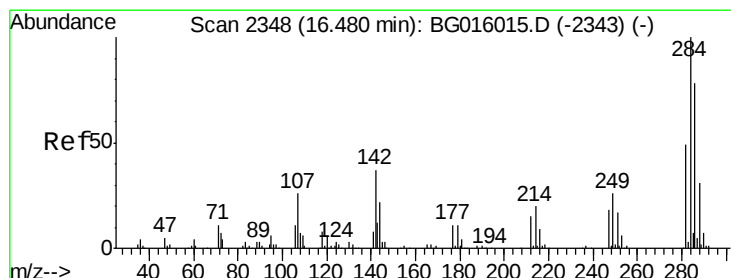
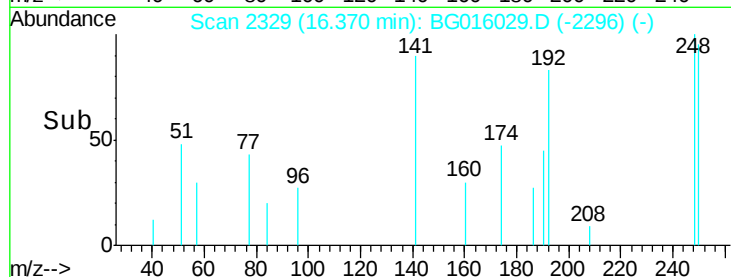
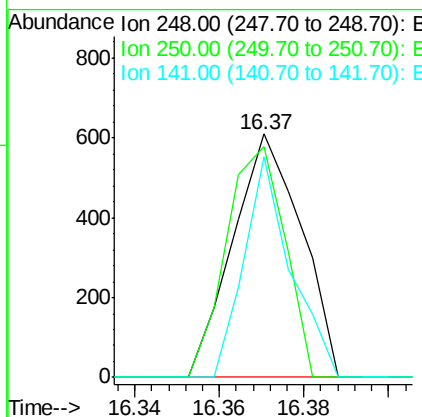
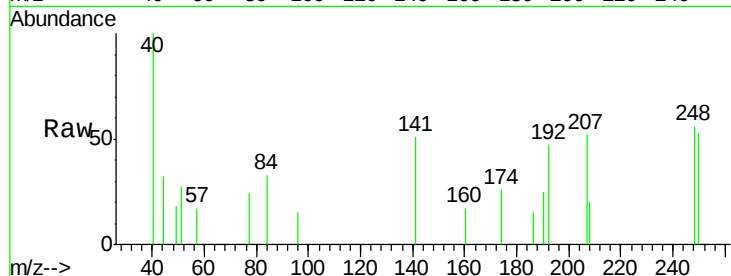
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





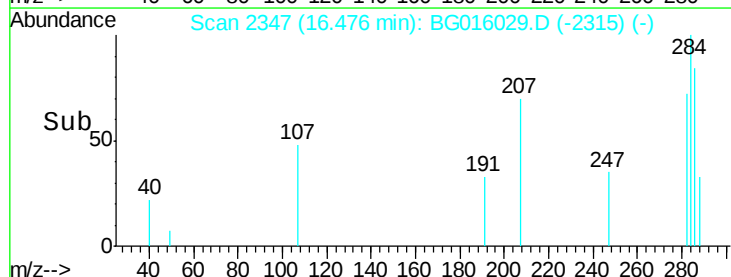
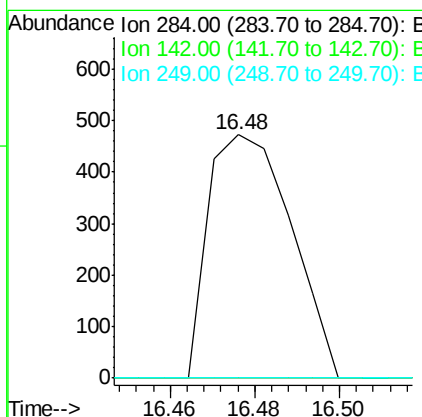
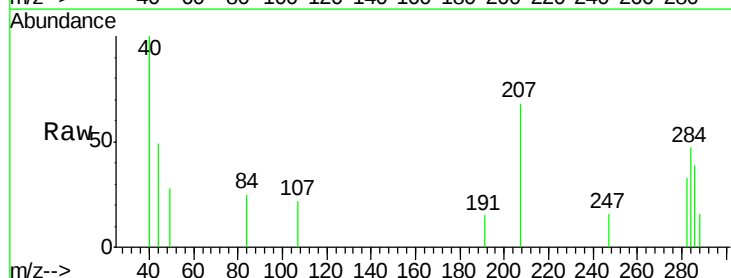
#63
 4-Bromophenyl-phenylether
 Concen: 0.12 ng/ul
 RT: 16.37 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

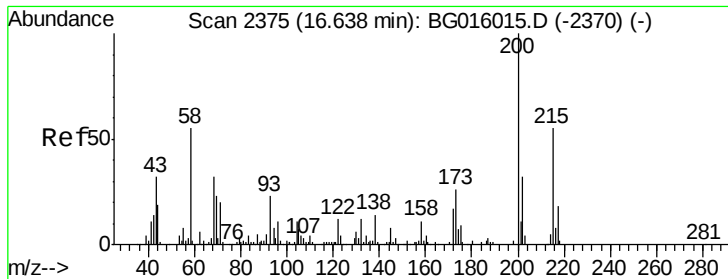
Tgt Ion:248 Resp: 687
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.8 116.6
 141 90.5 55.0 82.6#



#64
 Hexachlorobenzene
 Concen: 0.10 ng/ul
 RT: 16.48 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

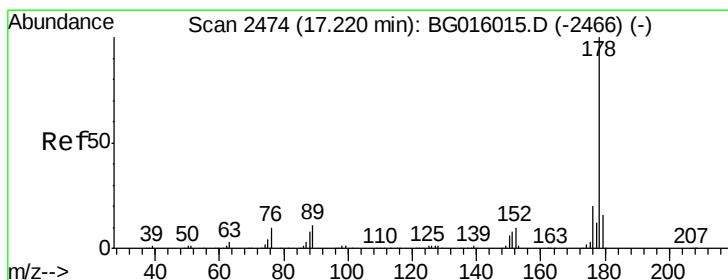
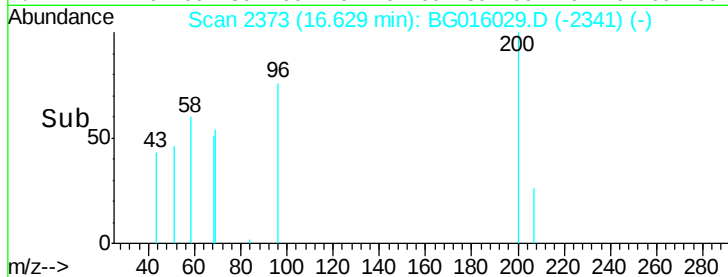
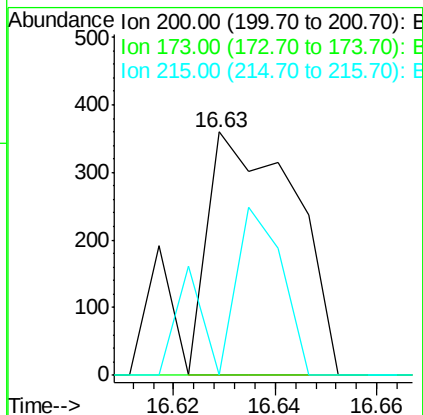
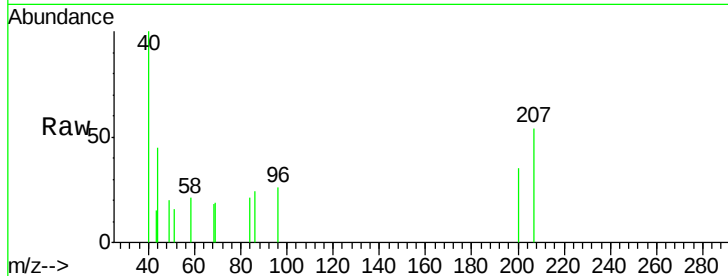
Tgt Ion:284 Resp: 643
 Ion Ratio Lower Upper
 284 100
 142 0.0 29.6 44.4#
 249 0.0 23.0 34.6#





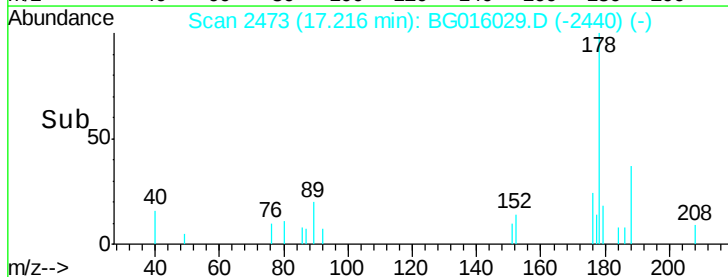
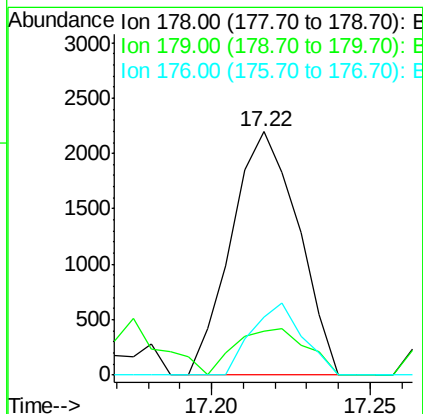
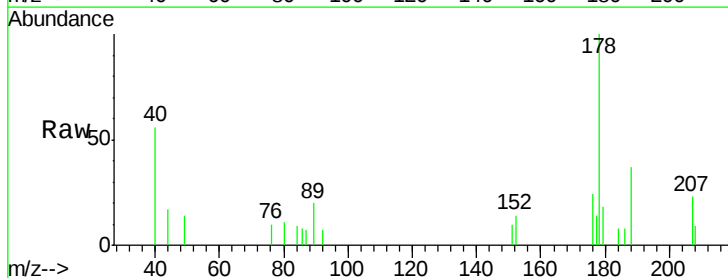
#65
Atrazine
Concen: 0.08 ng/ul
RT: 16.63 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

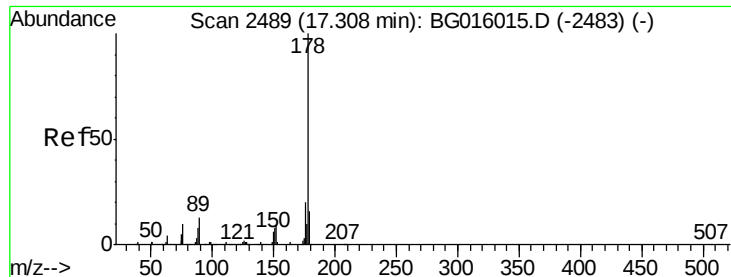
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.5	32.3#
215	0.0	45.0	67.4#



#67
Phenanthrene
Concen: 0.10 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.8	19.2
176	23.8	16.5	24.7





#69

Anthracene

Concen: 0.12 ng/uL

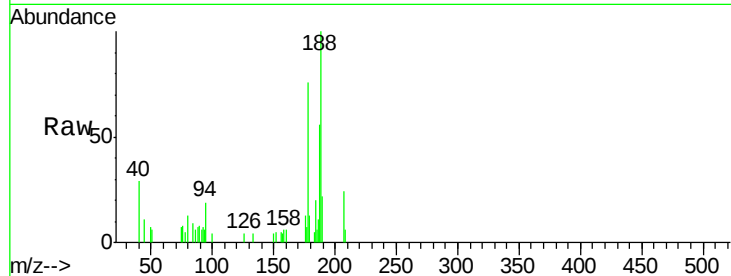
RT: 17.30 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

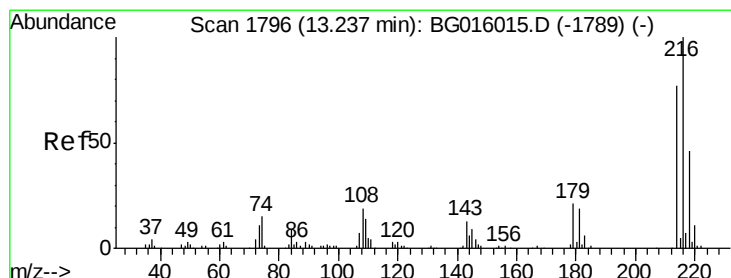
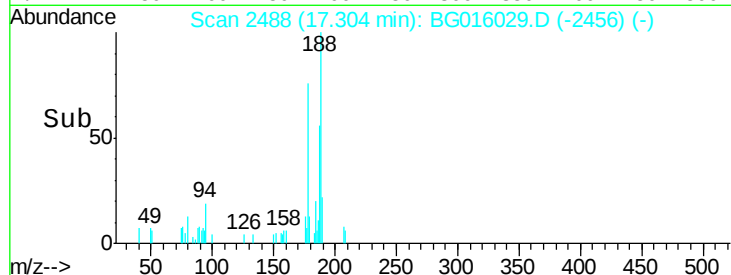
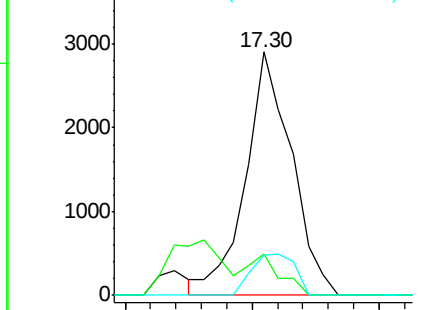
Tgt Ion:	178	Resp:	3661
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	16.6	15.7	23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#70

1,2,3,4-Tetrachlorobenzene

Concen: 1.95 ng/uL

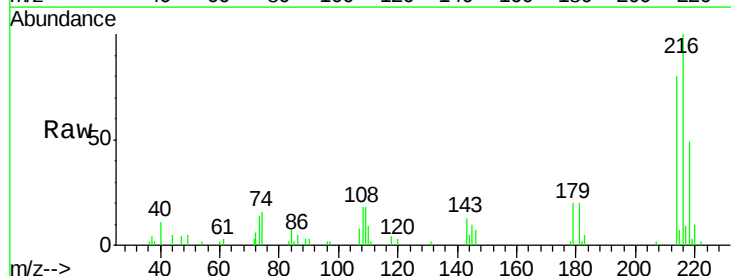
RT: 13.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

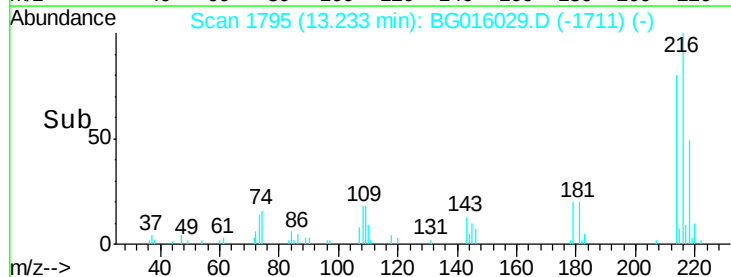
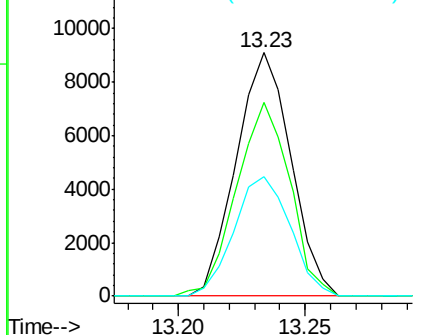
Tgt Ion:	216	Resp:	13673
Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.5	96.7
218	49.1	37.9	56.9

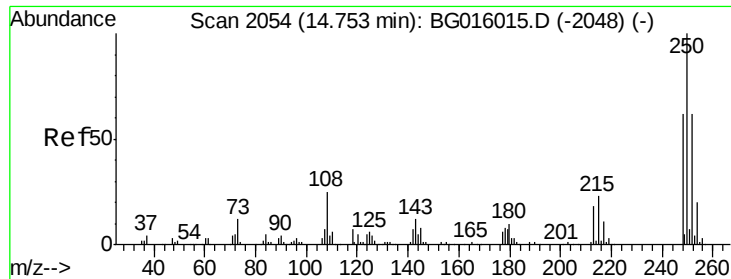


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

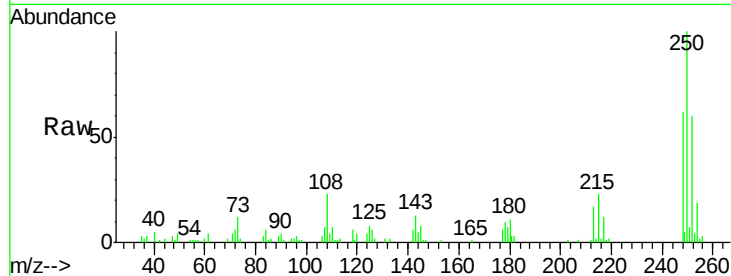
Ion 218.00 (217.70 to 218.70): E



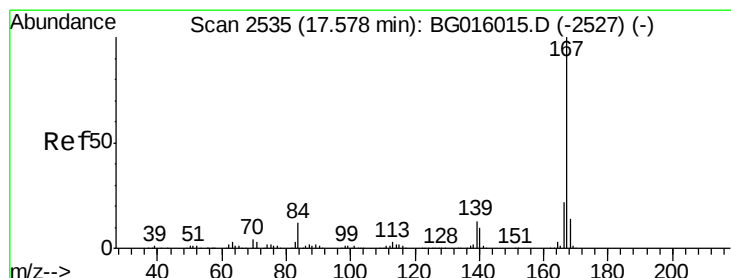
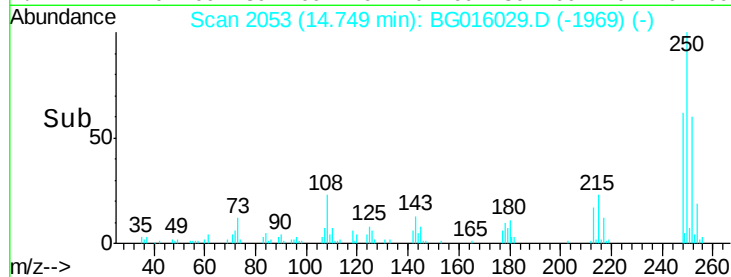
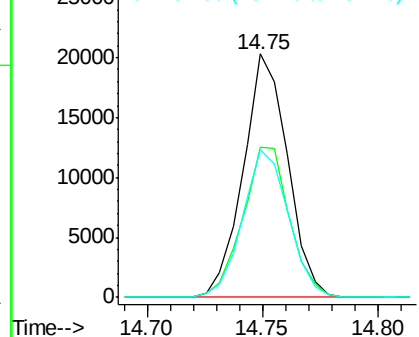


#71
 Pentachlorobenzene
 Concen: 3.96 ng/uL
 RT: 14.75 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:250 Resp: 27216
 Ion Ratio Lower Upper
 250 100
 248 61.6 50.5 75.7
 252 60.5 50.7 76.1

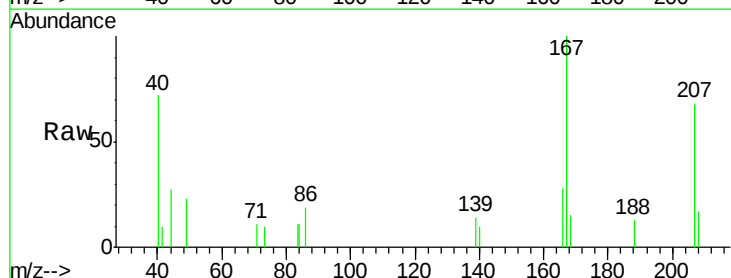


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

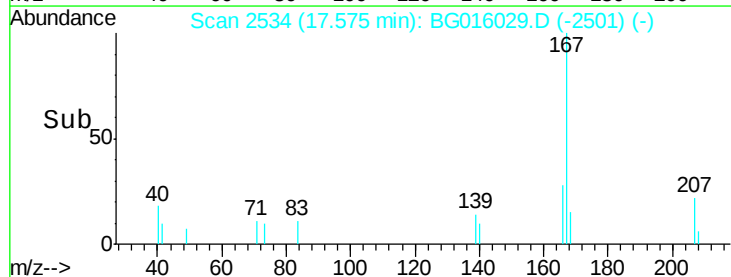
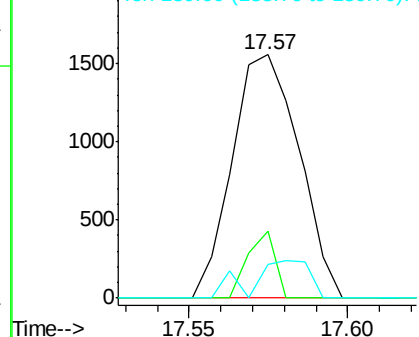


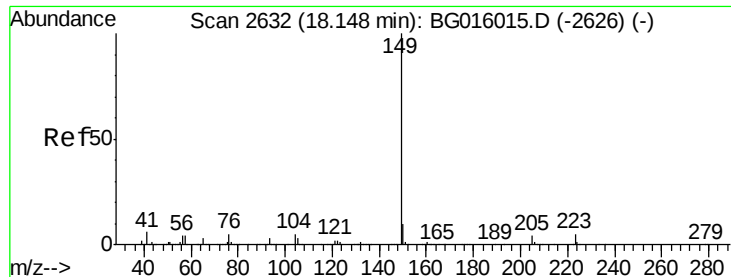
#72
 Carbazole
 Concen: 0.08 ng/uL
 RT: 17.57 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:167 Resp: 2271
 Ion Ratio Lower Upper
 167 100
 166 27.6 17.5 26.3#
 139 13.6 10.7 16.1



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: 0.09 ng/ul

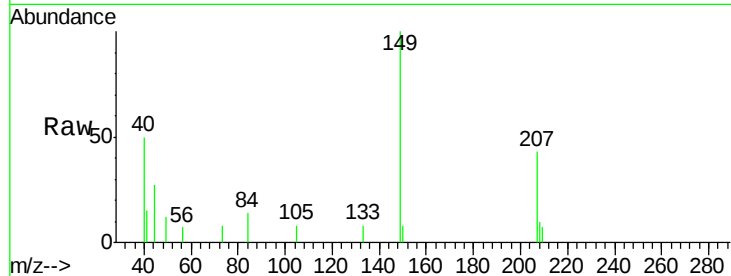
RT: 18.14 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

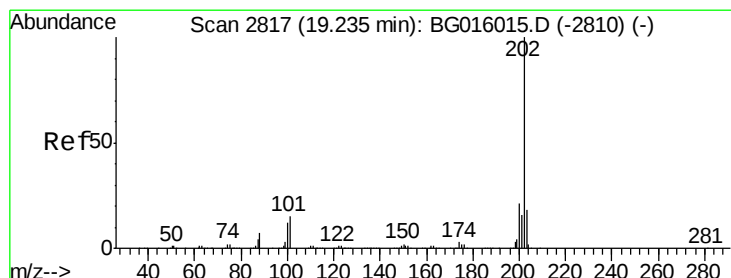
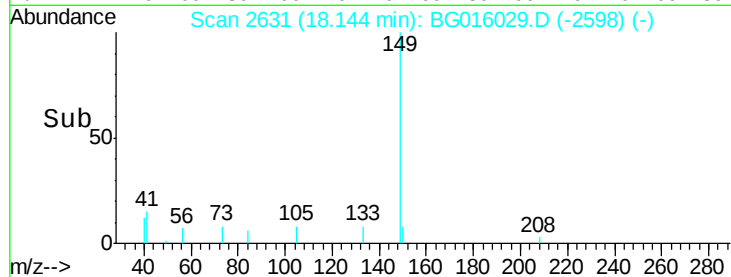
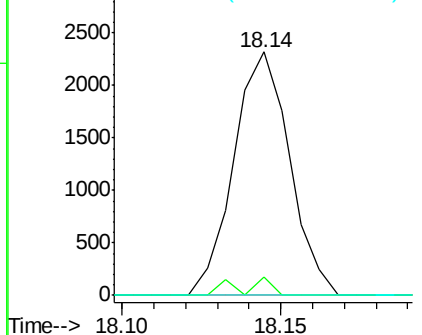
Tgt Ion:	149	Resp:	2834
Ion	Ratio	Lower	Upper
149	100		
150	7.5	7.6	11.4#
104	0.0	3.7	5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.09 ng/ul

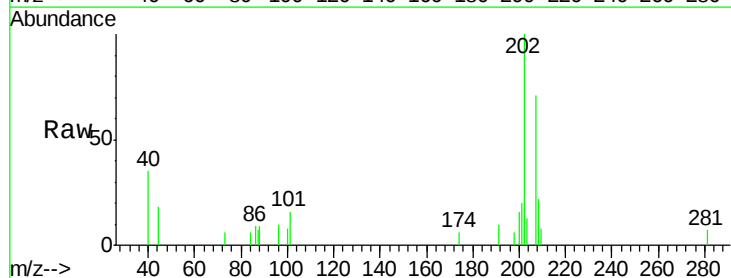
RT: 19.23 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

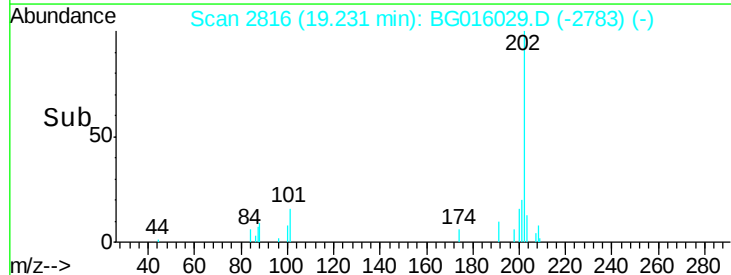
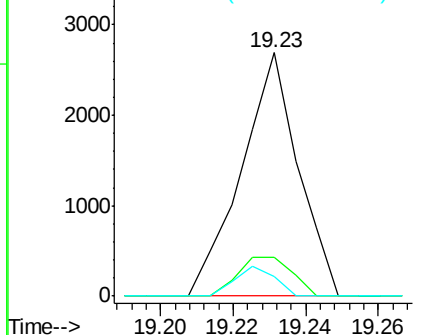
Tgt Ion:	202	Resp:	2926
Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.3	18.5
100	7.9	9.8	14.6#

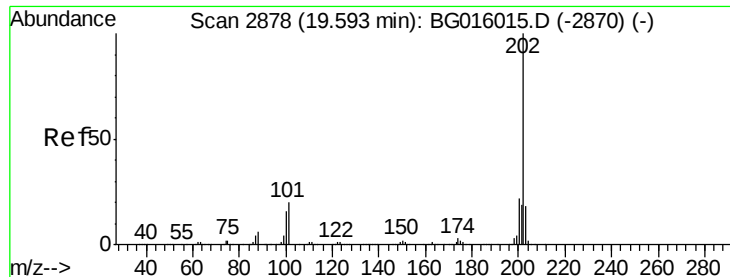


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 0.11 ng/ul

RT: 19.60 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

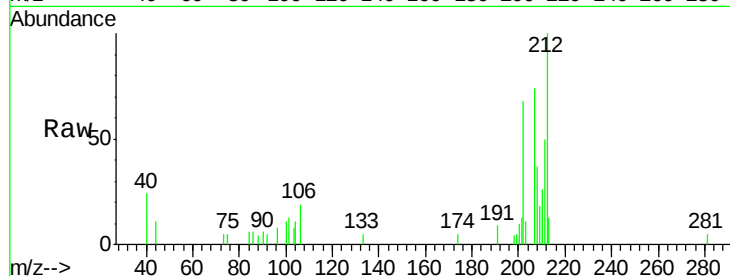
Tgt Ion: 202 Resp: 3783

Ion Ratio Lower Upper

202 100

101 19.1 15.8 23.8

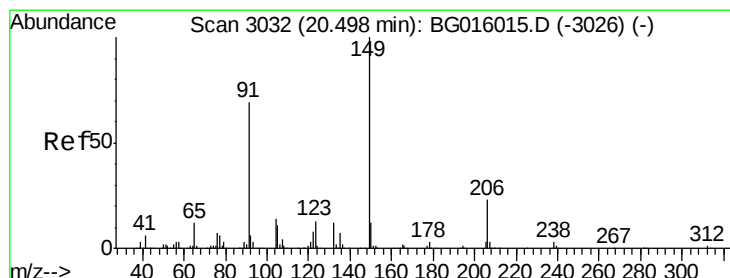
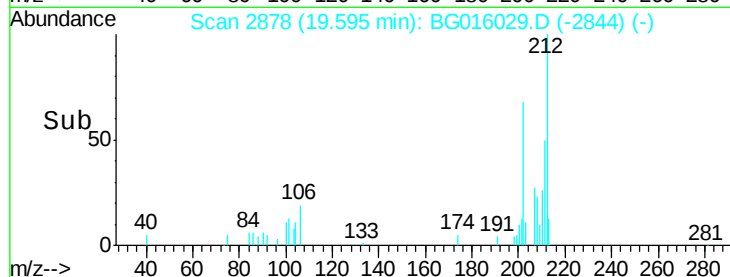
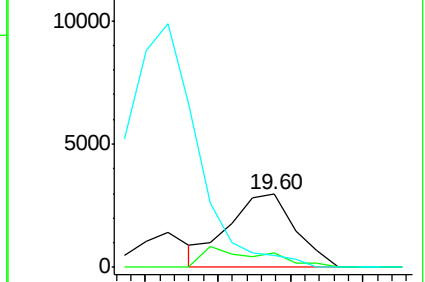
100 16.6 12.7 19.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 0.07 ng/ul

RT: 20.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

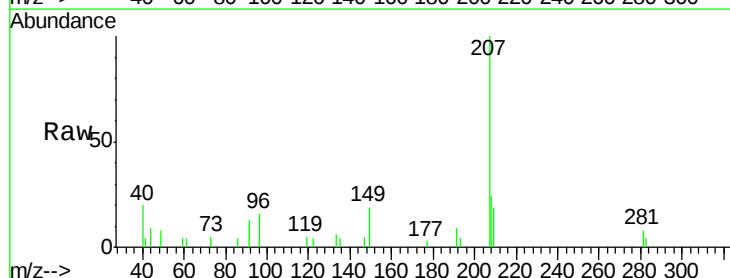
Tgt Ion: 149 Resp: 976

Ion Ratio Lower Upper

149 100

91 67.3 53.6 80.4

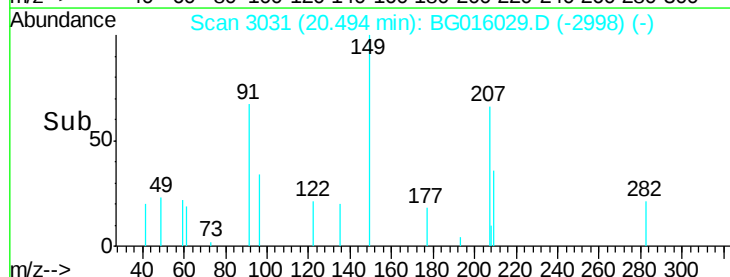
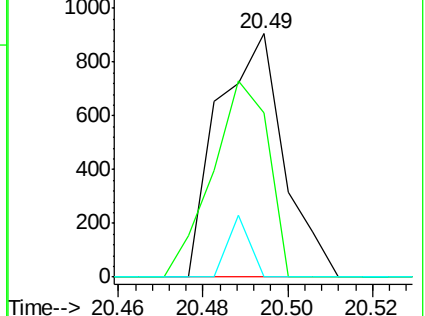
206 0.0 19.1 28.7#

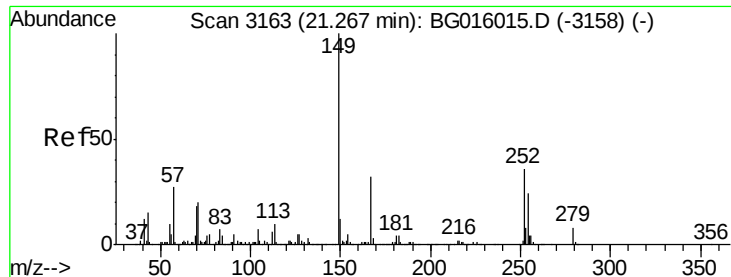


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

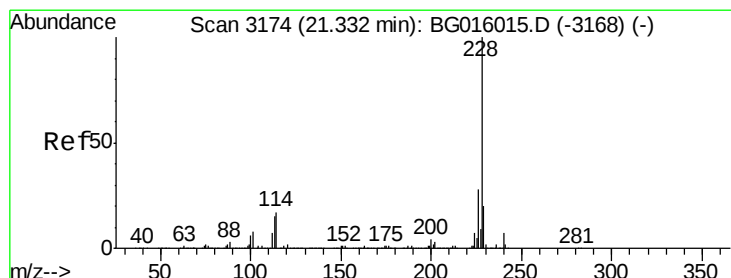
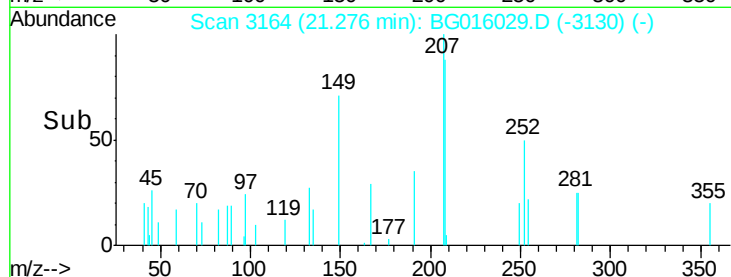
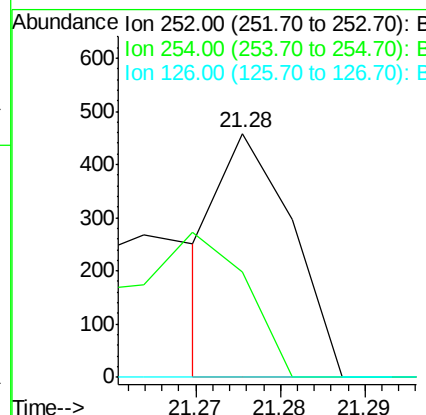
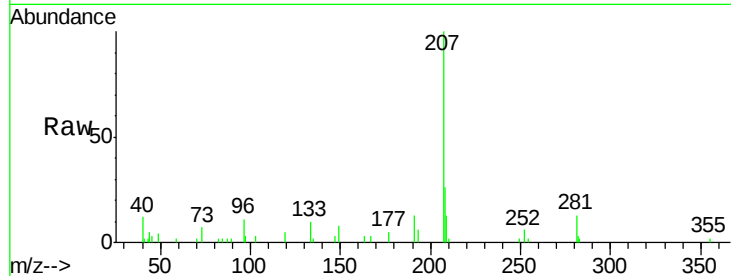




#79

3,3'-Dichlorobenzidine
Concen: 0.03 ng/ul
RT: 21.28 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

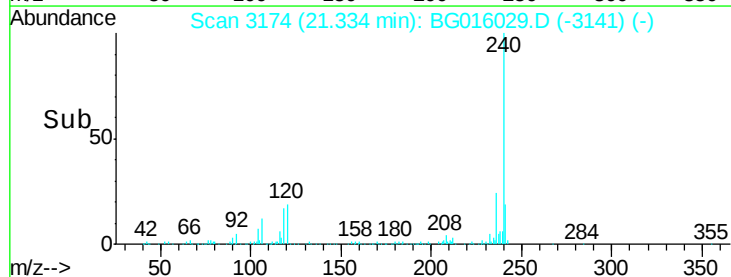
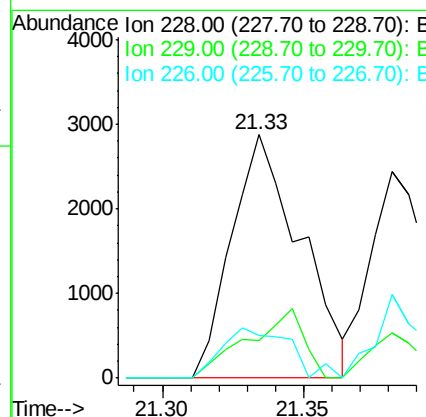
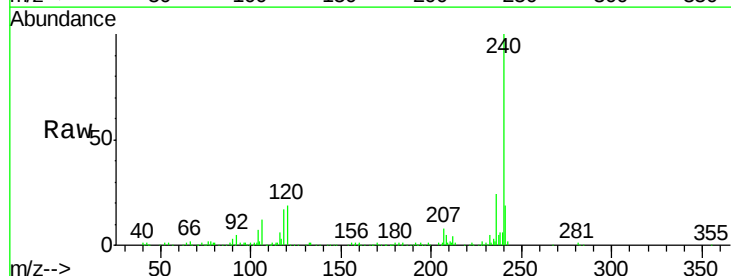
Tgt Ion	Ratio	Lower	Upper
252	100		
254	43.2	52.3	78.5#
126	0.0	10.5	15.7#

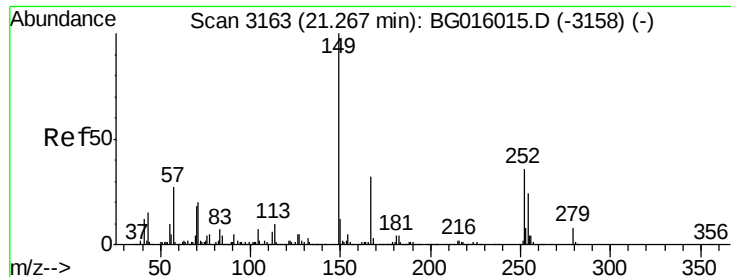


#80

Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 21.33 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	15.5	16.4	24.6#
226	17.7	22.8	34.2#





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng/ul

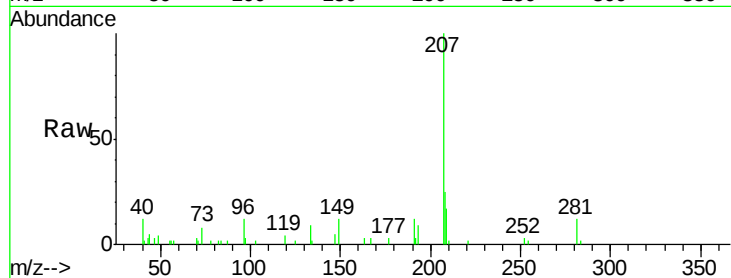
RT: 21.26 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

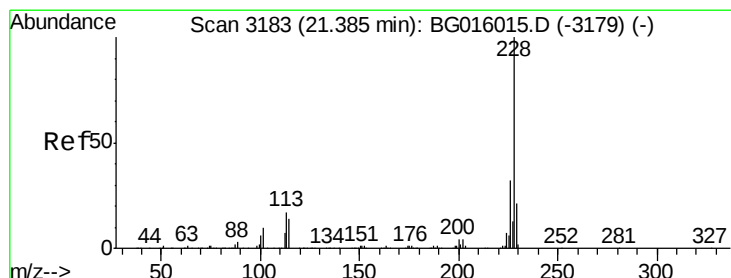
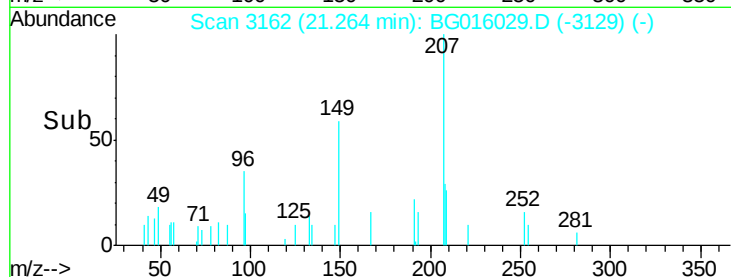
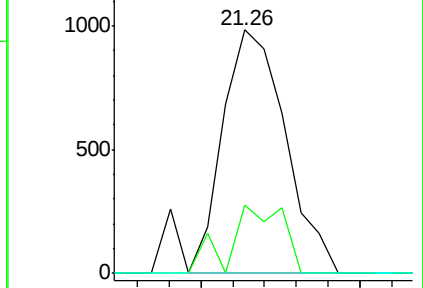
Tgt Ion:	149	Resp:	1348
Ion Ratio	Lower	Upper	
149	100		
167	27.8	25.5	38.3
279	0.0	6.0	9.0#



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



#82

Chrysene

Concen: 0.11 ng/ul

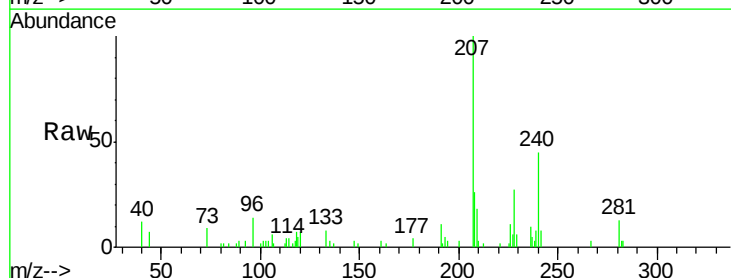
RT: 21.38 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG016029.D

Acq: 20 Feb 2015 9:14

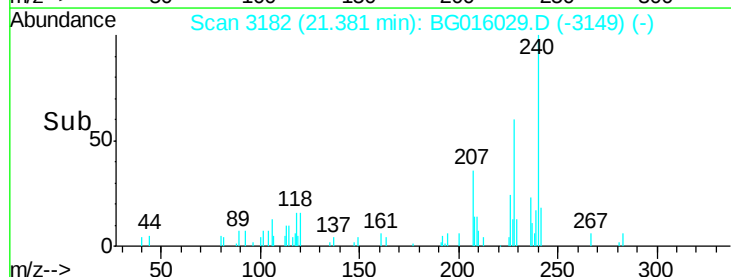
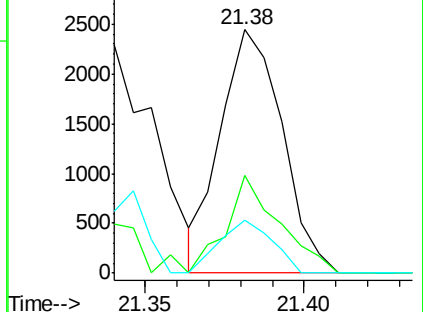
Tgt Ion:	228	Resp:	3292
Ion Ratio	Lower	Upper	
228	100		
226	40.4	24.7	37.1#
229	21.6	17.0	25.6

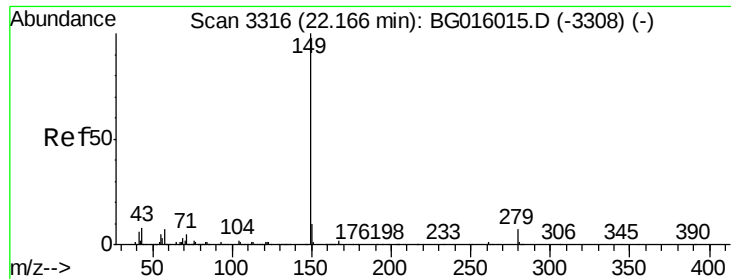


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

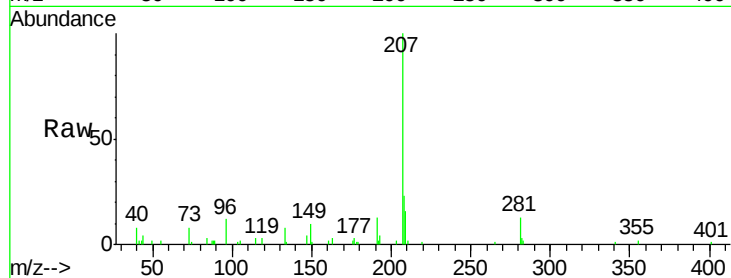




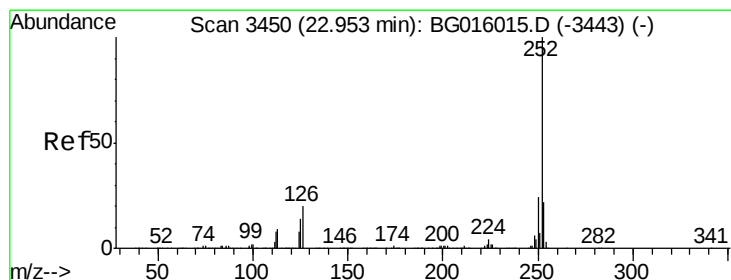
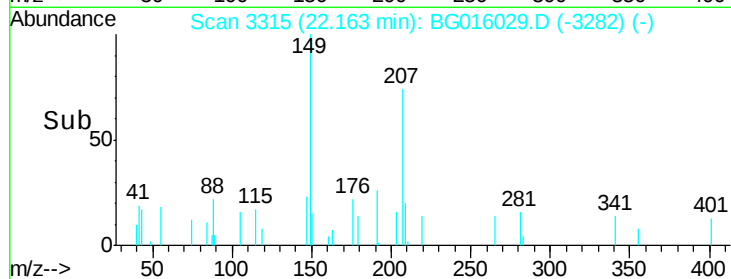
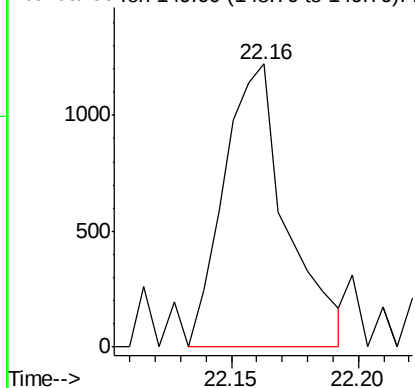
#84

Di-n-octyl phthalate
Concen: 0.07 ng/ul
RT: 22.16 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:149 Resp: 2093



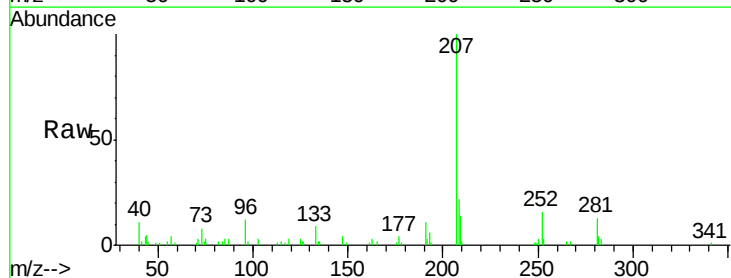
Abundance Ion 149.00 (148.70 to 149.70): E



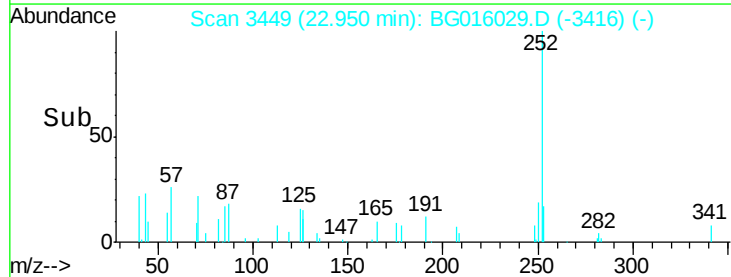
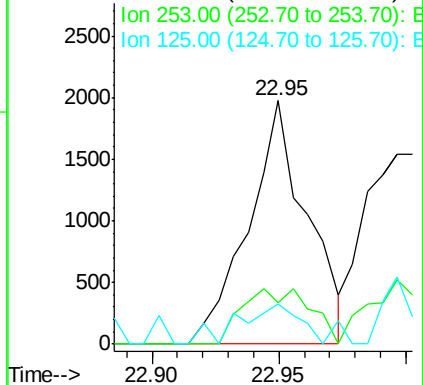
#85

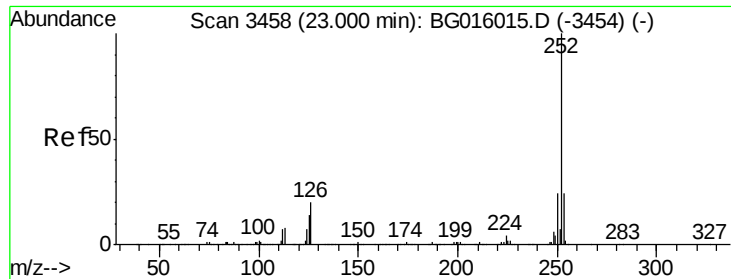
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion:252 Resp: 3169
Ion Ratio Lower Upper
252 100
253 17.3 18.2 27.2#
125 16.3 11.9 17.9



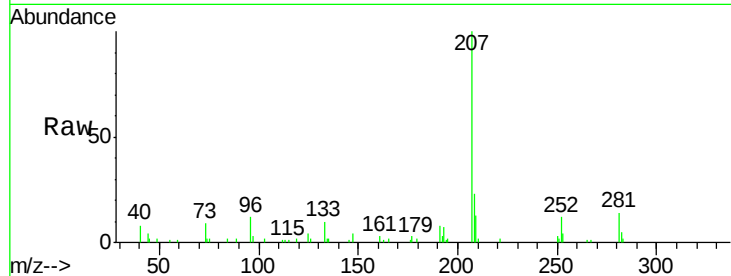
Abundance Ion 252.00 (251.70 to 252.70): E



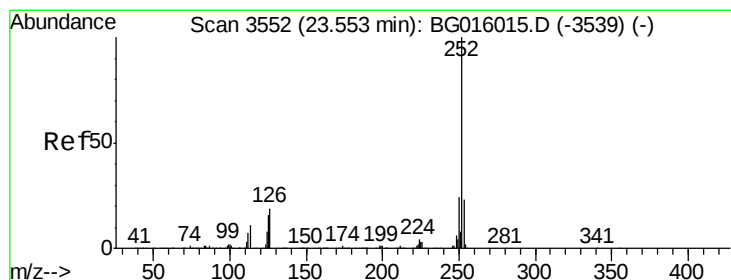
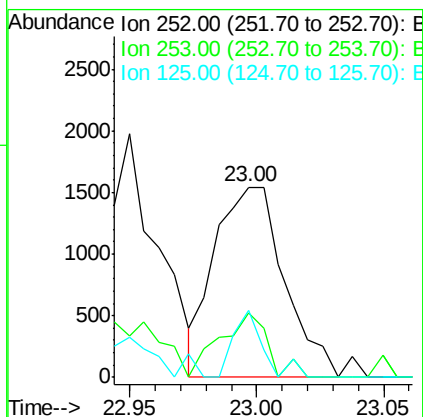
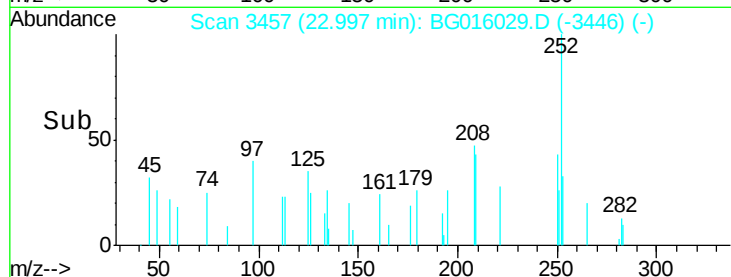


#86
Benzo(k)fluoranthene
Concen: 0.09 ng/ul
RT: 23.00 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.2	27.2
125	35.2	11.4	17.2

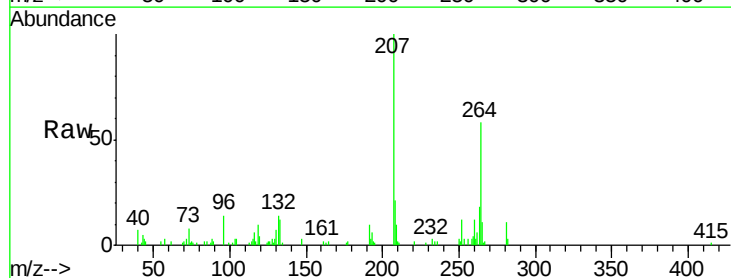


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

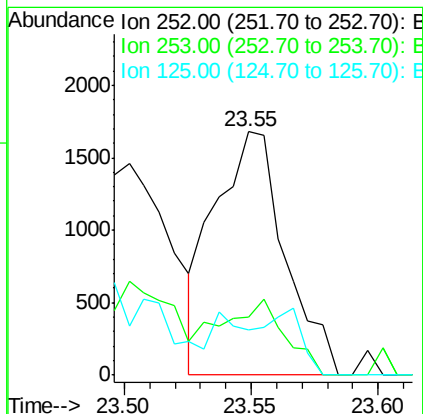
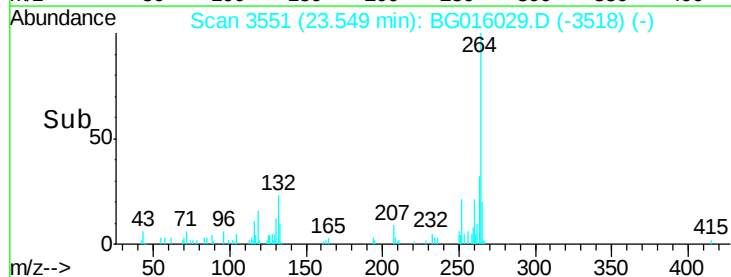


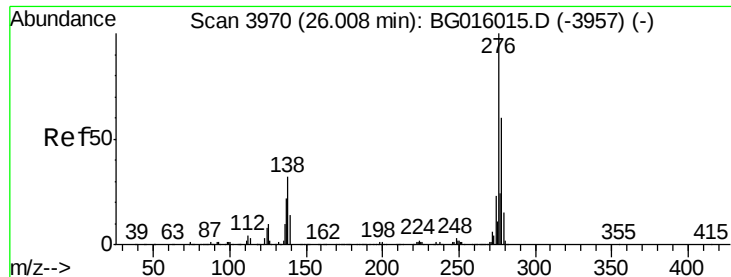
#88
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.55 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	18.8	13.2	19.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

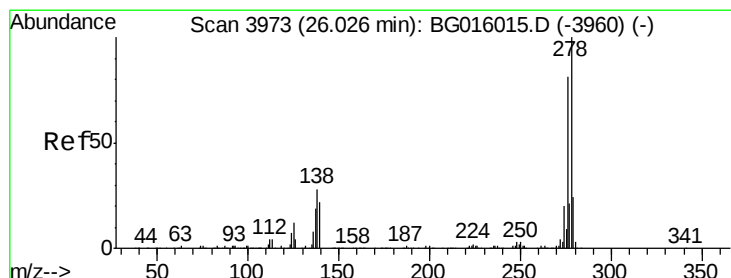
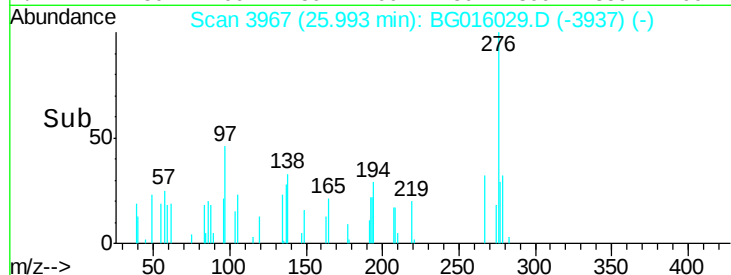
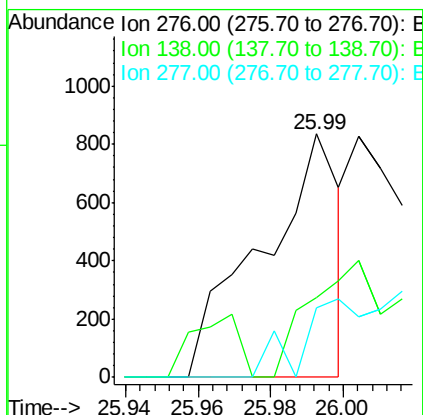
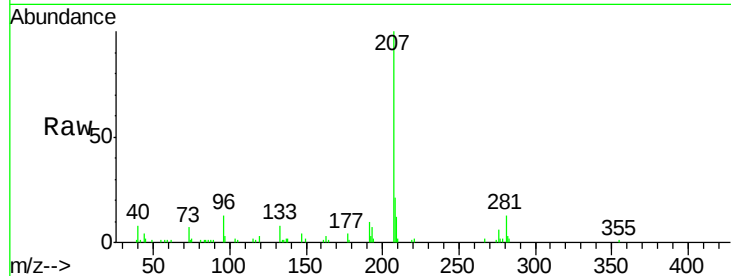




#89

Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.99 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

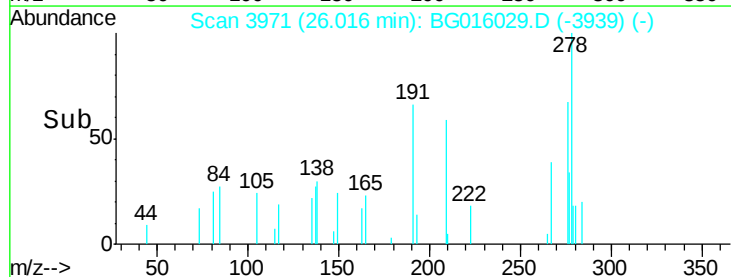
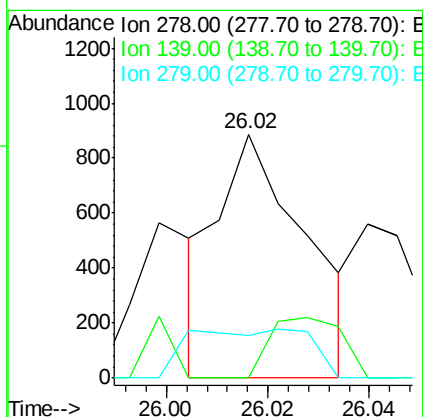
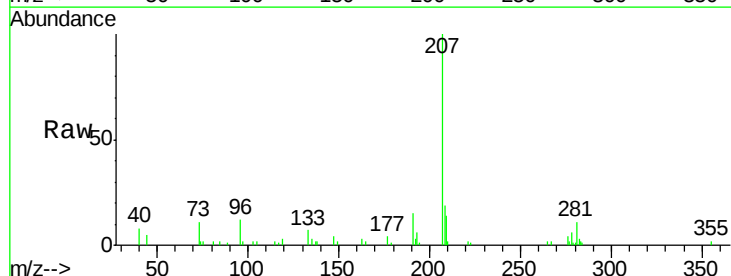
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.2	39.4
277	28.7	21.0	31.6

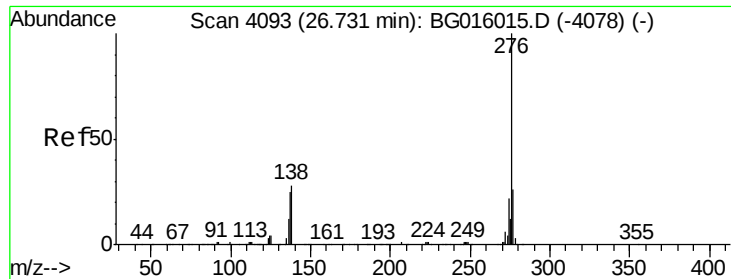


#90

Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 26.02 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BG016029.D
Acq: 20 Feb 2015 9:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.0	25.4#
279	17.6	19.3	28.9#





#91
 Benzo(g,h,i)perylene
 Concen: 0.01 ng/ul
 RT: 26.72 min Scan# 4091
 Delta R.T. -0.01 min
 Lab File: BG016029.D
 Acq: 20 Feb 2015 9:14

Tgt Ion:	276	Resp:	448
Ion	Ratio	Lower	Upper
276	100		
138	49.8	23.0	34.4#
277	22.7	20.0	30.0

