

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123114\
 Data File : BG015834.D
 Acq On : 31 Dec 2014 21:21
 Operator : TP/IZ
 Sample : SSTD02087
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 01 00:57:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG123114.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 01 00:49:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	25583	20.00	ng/ul	0.00
16) Naphthalene-d8	10.52	136	94849	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.37	164	73347	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.11	188	178517	20.00	ng/ul	0.00
73) Chrysene-d12	21.29	240	272510	20.00	ng/ul	0.00
81) Perylene-d12	23.56	264	263417	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.91	99	41493	17.42	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.07	67	22399	16.90	ng/ul	0.00
7) 2-Chlorophenol-d4	7.27	132	30274	18.99	ng/ul	0.00
11) 4-Methylphenol-d8	8.44	113	32124	18.59	ng/ul	0.00
17) Nitrobenzene-d5	8.89	128	15015	19.62	ng/ul	0.00
20) 2-Nitrophenol-d4	9.60	143	17202	20.92	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.14	165	32789	20.89	ng/ul	0.00
27) 4-Chloroaniline-d4	10.65	131	37182	21.39	ng/ul	0.00
41) Dimethylphthalate-d6	13.78	166	104735	20.92	ng/ul	0.00
44) Acenaphthylene-d8	14.06	160	124715	20.31	ng/ul	0.00
49) 4-Nitrophenol-d4	14.58	143	17115	18.63	ng/ul	0.00
55) Fluorene-d10	15.36	176	97814	19.70	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.49	200	19202	18.83	ng/ul	0.00
68) Anthracene-d10	17.21	188	165616	20.07	ng/ul	0.00
74) Pyrene-d10	19.51	212	219835	19.96	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.41	264	236471	19.87	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.88	77	28868	18.51	ng/ul 100
4) Phenol	6.93	94	43558	17.36	ng/ul 100
6) Bis(2-Chloroethyl)ether	7.16	93	33643	18.20	ng/ul 100
8) 2-Chlorophenol	7.30	128	29142	18.75	ng/ul 100
9) 2-Methylphenol	8.18	108	31637	17.90	ng/ul 100
10) 2,2'-oxybis(1-Chloropropan	8.27	45	20455	15.37	ng/ul 100
12) Acetophenone	8.55	105	53709	18.56	ng/ul 100
13) N-Nitroso-di-n-propylamine	8.53	70	29129	18.35	ng/ul 100
14) 4-Methylphenol	8.50	108	34463	17.50	ng/ul 100
15) Hexachloroethane	8.80	117	17388	20.71	ng/ul 100
18) Nitrobenzene	8.93	77	45568	18.63	ng/ul 100
19) Isophorone	9.45	82	84105	20.14	ng/ul 100
21) 2-Nitrophenol	9.63	139	18917	21.07	ng/ul 100
22) 2,4-Dimethylphenol	9.70	107	48087	20.65	ng/ul 100
23) Bis(2-Chloroethoxy)methane	9.93	93	45045	19.62	ng/ul 100
25) 2,4-Dichlorophenol	10.16	162	32076	19.98	ng/ul 100
26) Naphthalene	10.56	128	90754	18.89	ng/ul 100
28) 4-Chloroaniline	10.68	127	37092	20.76	ng/ul 100
29) Hexachlorobutadiene	10.85	225	34819	22.53	ng/ul 100
30) Caprolactam	11.43	113	13522	20.33	ng/ul 100
31) 4-Chloro-3-methylphenol	11.81	107	43401	20.17	ng/ul 100
32) 2-Methylnaphthalene	12.18	142	71346	20.09	ng/ul 100
34) 1,2,4,5-Tetrachlorobenzene	12.55	216	54462	21.31	ng/ul 100
35) Hexachlorocyclopentadiene	12.53	237	33137	22.68	ng/ul 100

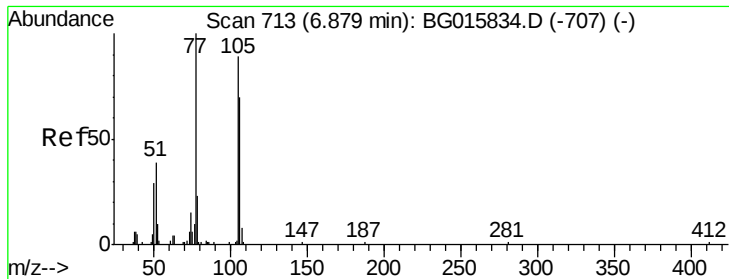
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123114\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 2,4,6-Trichlorophenol	12.80	196	33356	21.40	ng/ul	100
37) 2,4,5-Trichlorophenol	12.87	196	33429	19.73	ng/ul	100
38) 1,1'-Biphenyl	13.20	154	101776	20.03	ng/ul	100
39) 2-Chloronaphthalene	13.24	162	80918	20.39	ng/ul	100
40) 2-Nitroaniline	13.45	65	26861	18.11	ng/ul	100
42) Dimethylphthalate	13.83	163	111650	21.30	ng/ul	100
43) 2,6-Dinitrotoluene	13.95	165	24142	21.07	ng/ul	100
45) Acenaphthylene	14.09	152	133713	20.11	ng/ul	100
46) 3-Nitroaniline	14.28	138	18758	18.49	ng/ul	100
47) Acenaphthene	14.43	153	84750	19.70	ng/ul	100
48) 2,4-Dinitrophenol	14.48	184	8486	14.62	ng/ul	100
50) 4-Nitrophenol	14.59	109	27651	20.03	ng/ul	100
51) Dibenzofuran	14.77	168	129278	19.99	ng/ul	100
52) 2,4-Dinitrotoluene	14.74	165	33589	20.46	ng/ul	100
53) 2,3,4,6-Tetrachlorophenol	14.99	232	37486	20.97	ng/ul	100
54) Diethylphthalate	15.19	149	119566	21.31	ng/ul	100
56) Fluorene	15.42	166	106163	20.38	ng/ul	100
57) 4-Chlorophenyl-phenylether	15.41	204	70196	20.88	ng/ul	100
58) 4-Nitroaniline	15.44	138	22686	18.60	ng/ul	100
61) 4,6-Dinitro-2-methylphenol	15.50	198	20747	19.32	ng/ul	100
62) N-Nitrosodiphenylamine	15.63	169	98170	19.59	ng/ul	100
63) 4-Bromophenyl-phenylether	16.30	248	48326	20.84	ng/ul	100
64) Hexachlorobenzene	16.41	284	57550	22.87	ng/ul	100
65) Atrazine	16.58	200	48310	22.40	ng/ul	100
66) Pentachlorophenol	16.77	266	27378	19.84	ng/ul	100
67) Phenanthrene	17.16	178	181729	20.11	ng/ul	100
69) Anthracene	17.24	178	187510	20.25	ng/ul	100
70) Carbazole	17.51	167	174913	20.56	ng/ul	100
71) Di-n-butylphthalate	18.08	149	210917	21.28	ng/ul	100
72) Fluoranthene	19.17	202	272583	21.95	ng/ul	100
75) Pyrene	19.53	202	296683	20.31	ng/ul	100
76) Butylbenzylphthalate	20.43	149	111291	20.17	ng/ul	100
77) 3,3'-Dichlorobenzidine	21.21	252	107833	21.49	ng/ul	100
78) Benzo(a)anthracene	21.28	228	318281	20.62	ng/ul	100
79) Bis(2-ethylhexyl)phthalate	21.20	149	163994	21.57	ng/ul	100
80) Chrysene	21.33	228	293002	20.26	ng/ul	100
82) Di-n-octyl phthalate	22.08	149	259921	20.47	ng/ul	100
83) Benzo(b)fluoranthene	22.87	252	314369	19.80	ng/ul	100
84) Benzo(k)fluoranthene	22.92	252	292323	19.64	ng/ul	100
86) Benzo(a)pyrene	23.46	252	293371	19.58	ng/ul	100
87) Indeno(1,2,3-cd)pyrene	25.86	276	322418	19.44	ng/ul	100
88) Dibenzo(a,h)anthracene	25.87	278	272580	19.00	ng/ul	100
89) Benzo(g,h,i)perylene	26.57	276	273114	19.80	ng/ul	100

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



#2

Benzaldehyde

Concen: 18.51 ng/ul

RT: 6.88 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

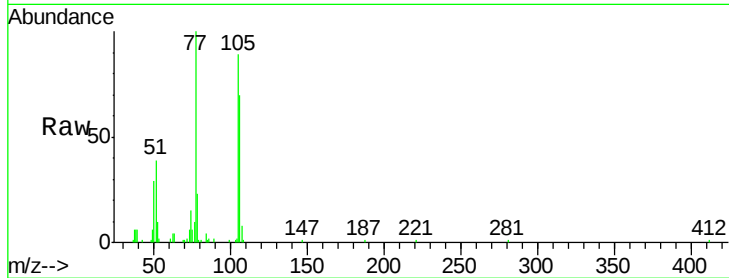
Tgt Ion: 77 Resp: 28868

Ion Ratio Lower Upper

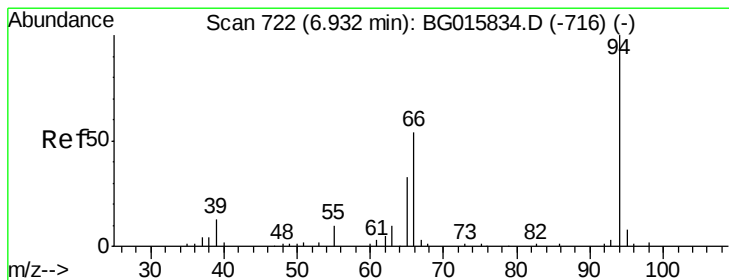
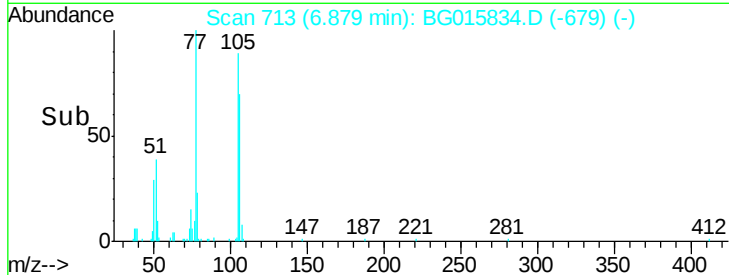
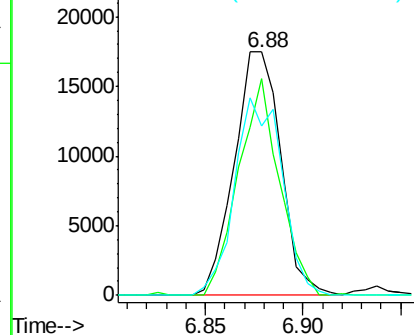
77 100

105 88.9 71.1 106.7

106 69.8 55.8 83.8



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: 17.36 ng/ul

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

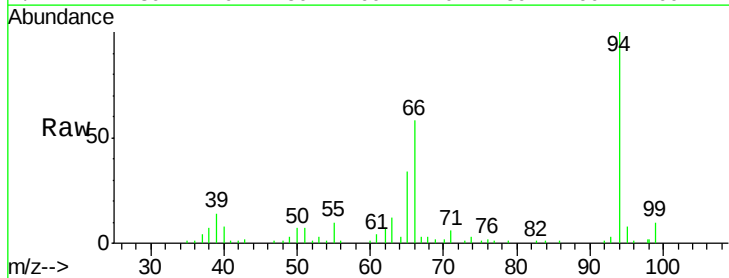
Tgt Ion: 94 Resp: 43558

Ion Ratio Lower Upper

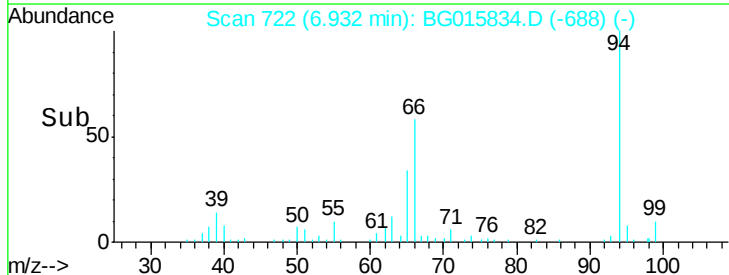
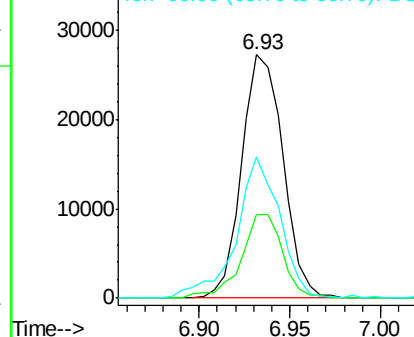
94 100

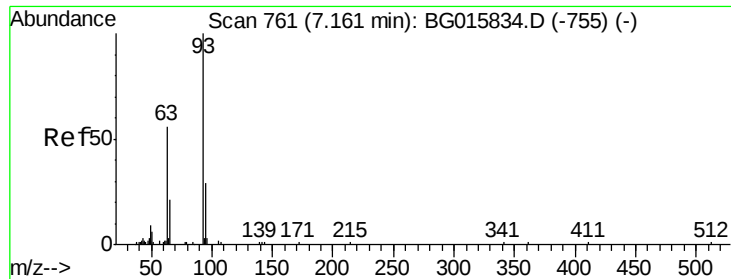
65 34.2 27.4 41.0

66 58.0 46.4 69.6



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: 18.20 ng/ul

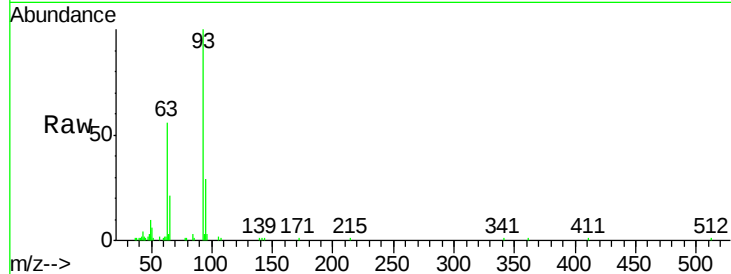
RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

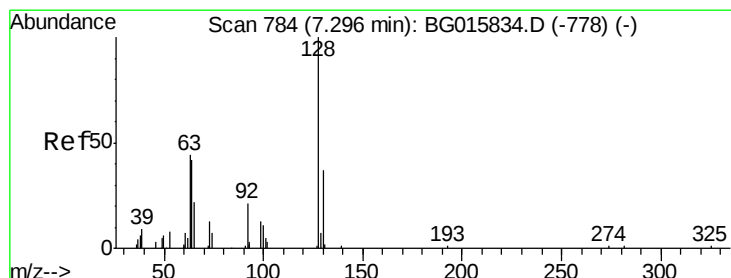
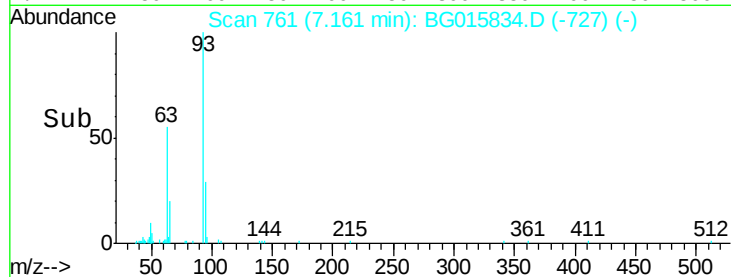
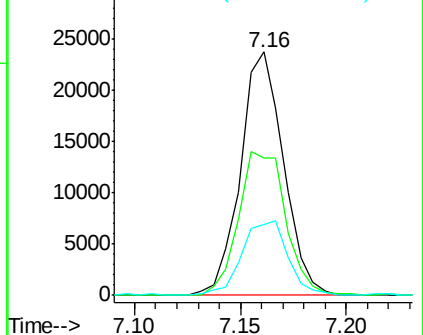
Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

Tgt Ion:	93	Resp:	33643
Ion	Ratio	Lower	Upper
93	100		
63	56.3	45.0	67.6
95	29.1	23.3	34.9



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: 18.75 ng/ul

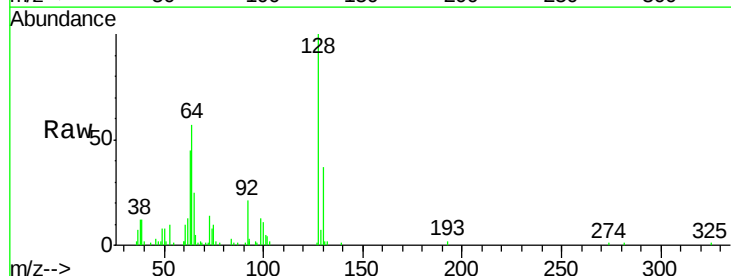
RT: 7.30 min Scan# 784

Delta R.T. 0.00 min

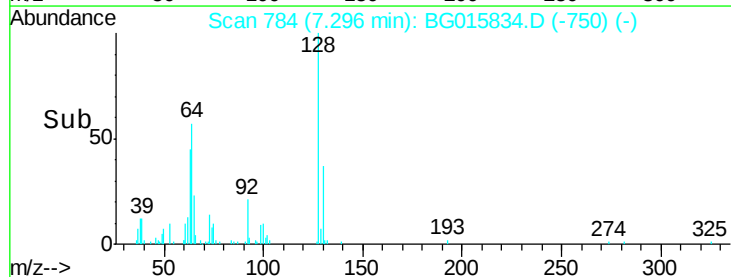
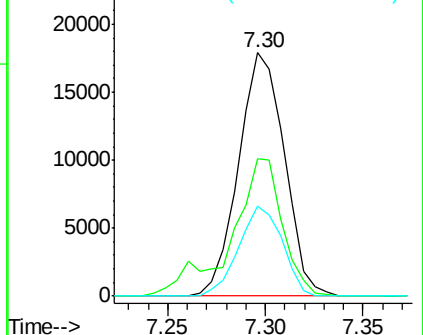
Lab File: BG015834.D

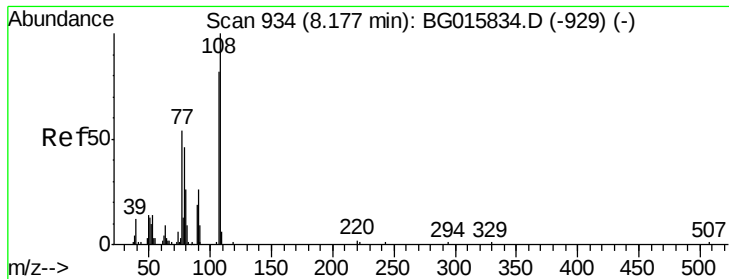
Acq: 31 Dec 2014 21:21

Tgt Ion:	128	Resp:	29142
Ion	Ratio	Lower	Upper
128	100		
64	56.7	45.4	68.0
130	36.9	29.5	44.3



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: 17.90 ng/ul

RT: 8.18 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG015834.D

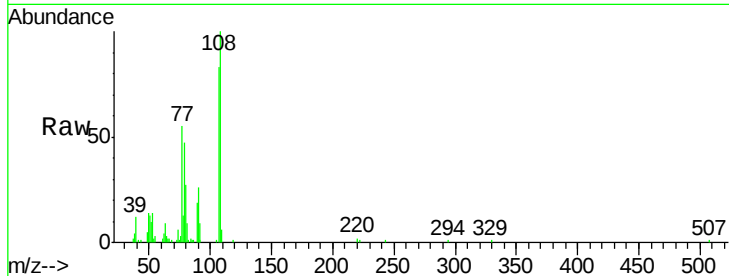
Acq: 31 Dec 2014 21:21

Tgt Ion: 108 Resp: 31637

Ion Ratio Lower Upper

108 100

107 83.2 66.6 99.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

25000

20000

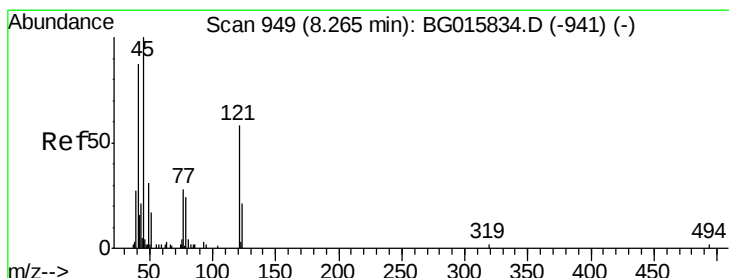
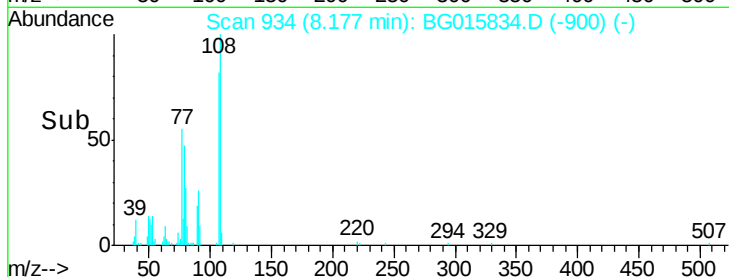
15000

10000

5000

0

Time-->



#10

2,2'-oxybis(1-Chloropropane)

Concen: 15.37 ng/ul

RT: 8.27 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

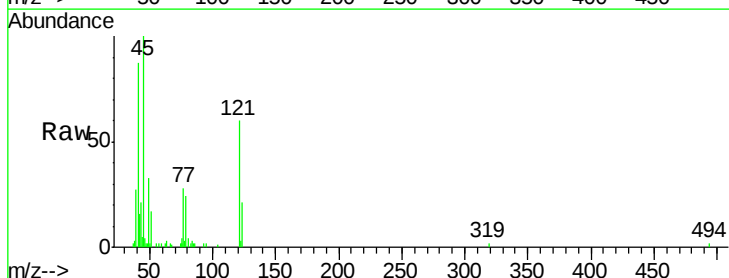
Tgt Ion: 45 Resp: 20455

Ion Ratio Lower Upper

45 100

77 30.8 24.6 37.0

79 24.4 19.5 29.3



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

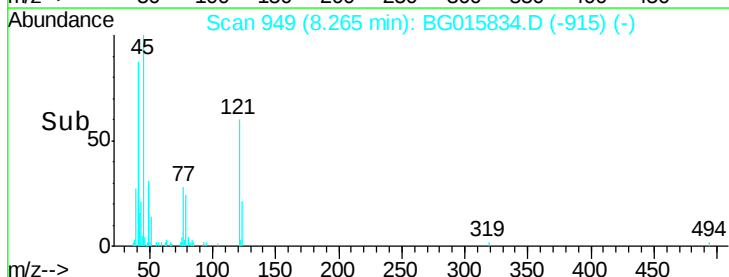
15000

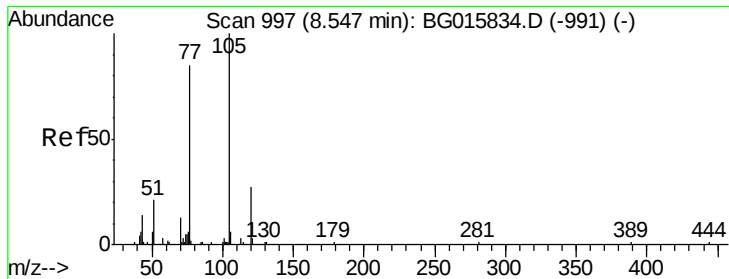
10000

5000

0

Time-->





#12

Acetophenone

Concen: 18.56 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

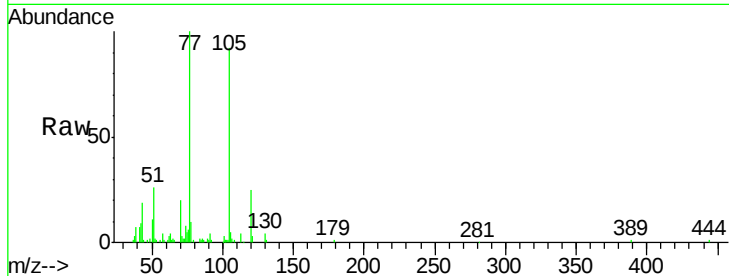
Tgt Ion: 105 Resp: 53709

Ion Ratio Lower Upper

105 100

77 108.2 86.6 129.8

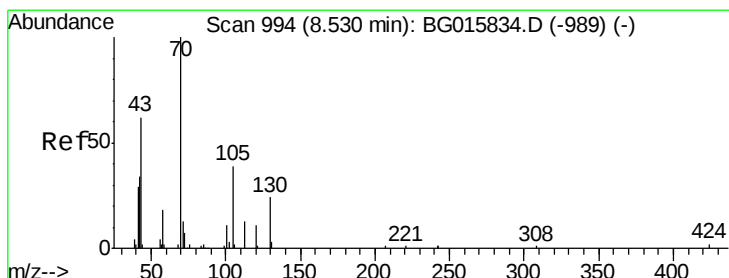
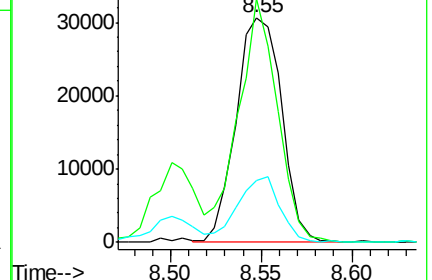
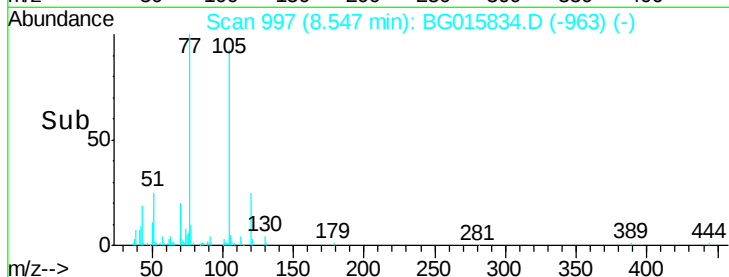
51 27.8 22.2 33.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#13

N-Nitroso-di-n-propylamine

Concen: 18.35 ng/ul

RT: 8.53 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

Tgt Ion: 70 Resp: 29129

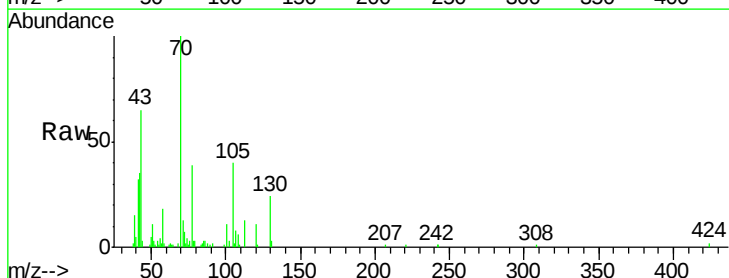
Ion Ratio Lower Upper

70 100

42 35.3 28.2 42.4

101 10.9 8.7 13.1

130 23.6 18.9 28.3

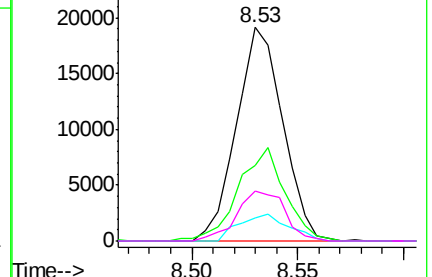
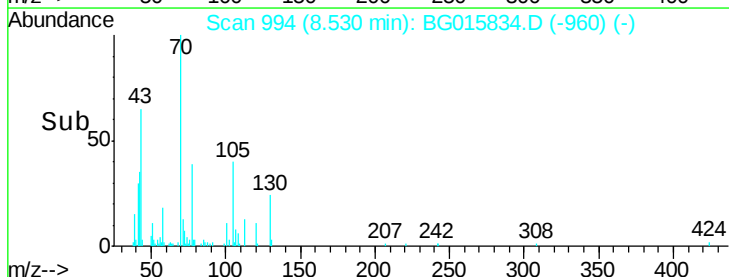


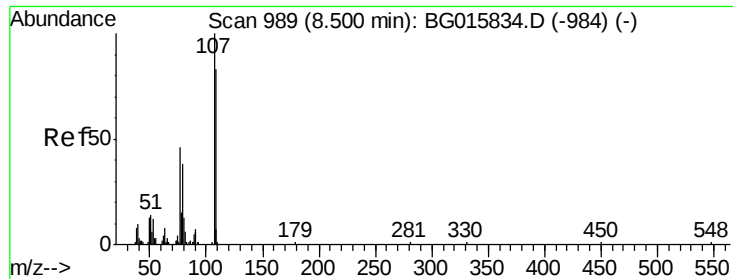
Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#14

4-Methylphenol

Concen: 17.50 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG015834.D

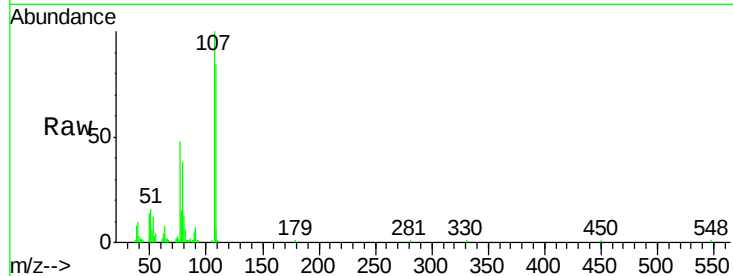
Acq: 31 Dec 2014 21:21

Tgt Ion:108 Resp: 34463

Ion Ratio Lower Upper

108 100

107 119.1 95.3 142.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

25000

20000

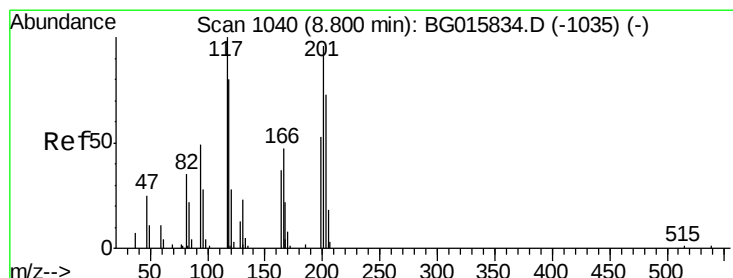
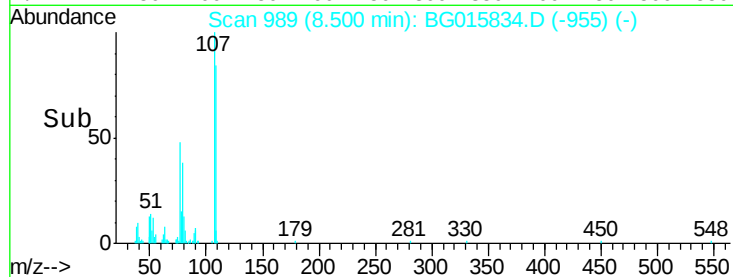
15000

10000

5000

0

Time--> 8.45 8.50 8.55



#15

Hexachloroethane

Concen: 20.71 ng/ul

RT: 8.80 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

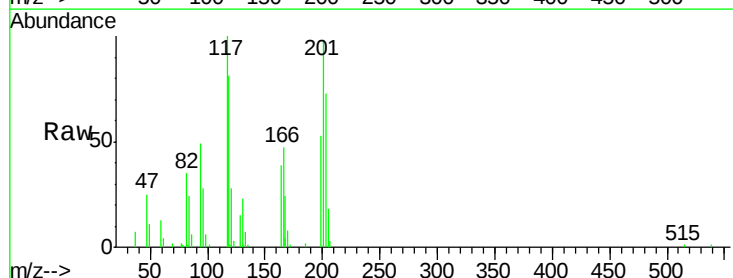
Tgt Ion:117 Resp: 17388

Ion Ratio Lower Upper

117 100

201 97.7 78.2 117.2

199 52.7 42.2 63.2



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

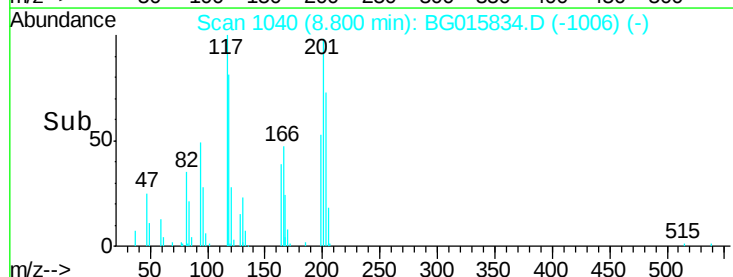
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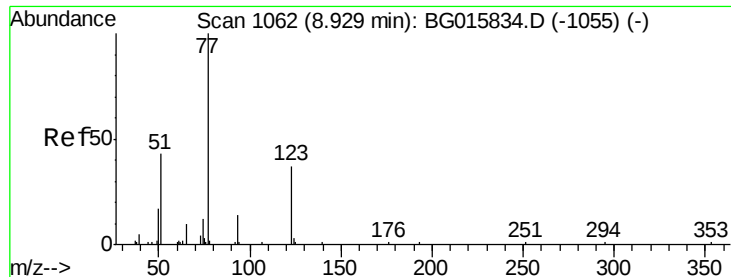
10000

5000

0

Time--> 8.75 8.80 8.85





#18

Nitrobenzene

Concen: 18.63 ng/ul

RT: 8.93 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

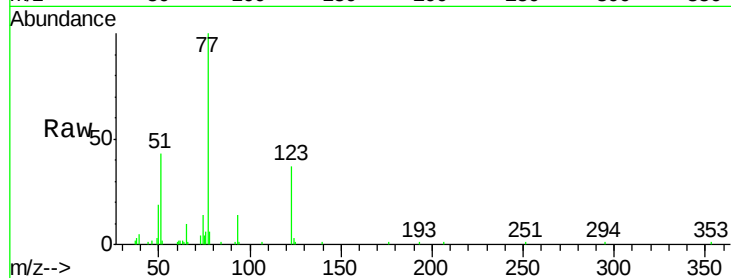
Tgt Ion: 77 Resp: 45568

Ion Ratio Lower Upper

77 100

123 37.1 29.7 44.5

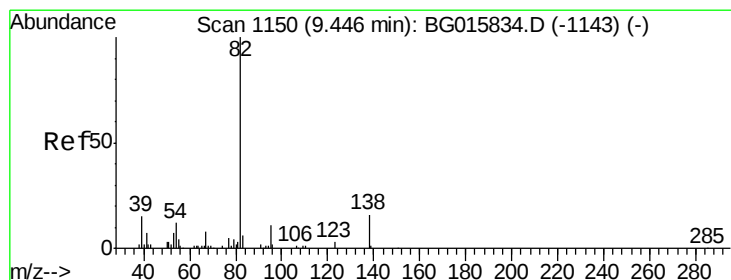
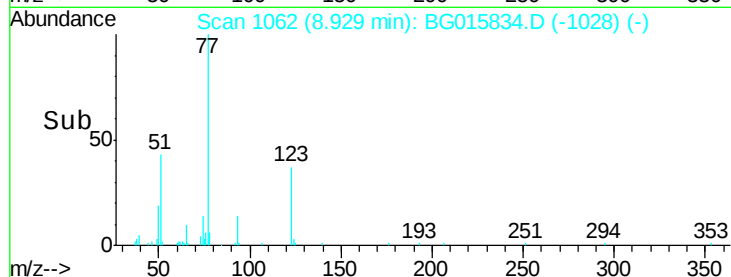
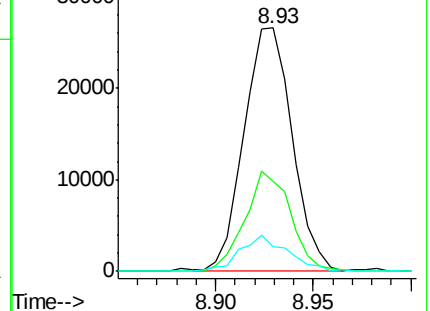
65 10.2 8.2 12.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#19

Isophorone

Concen: 20.14 ng/ul

RT: 9.45 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

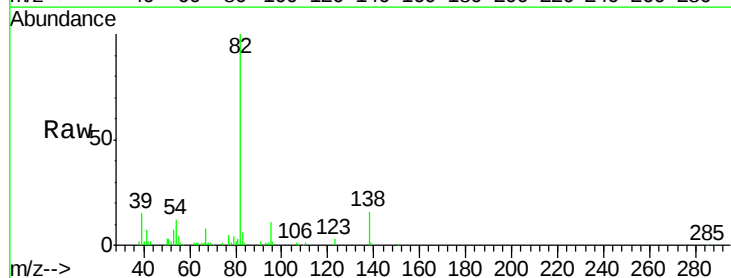
Tgt Ion: 82 Resp: 84105

Ion Ratio Lower Upper

82 100

95 10.9 8.7 13.1

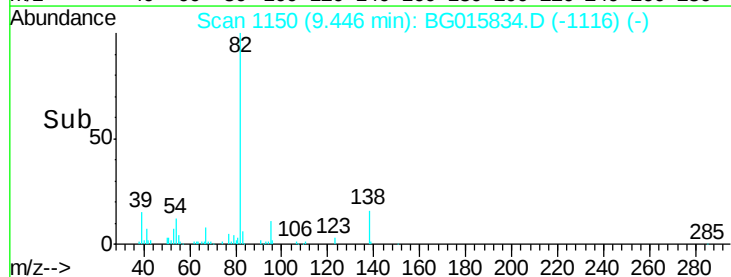
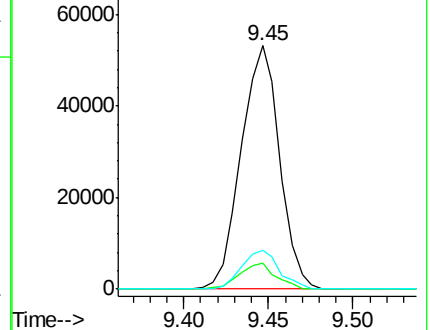
138 16.0 12.8 19.2

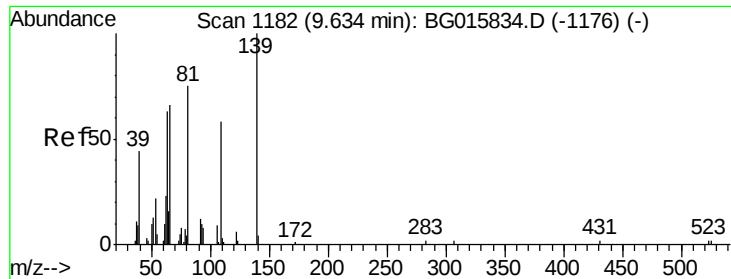


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

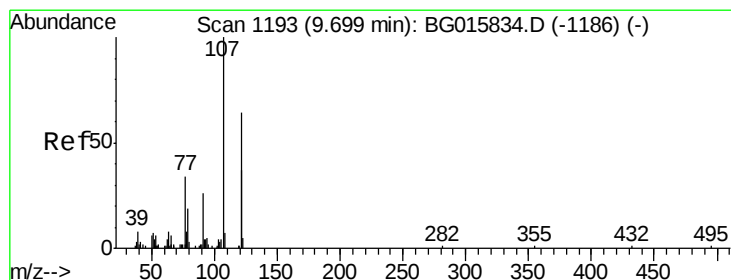
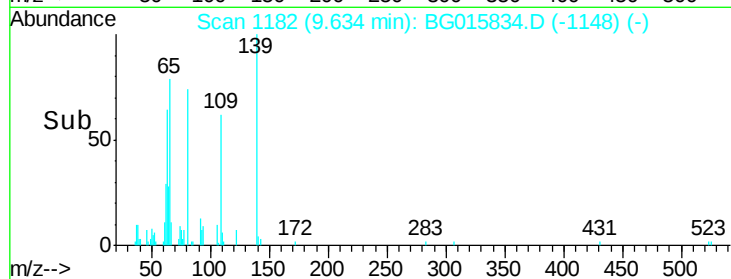
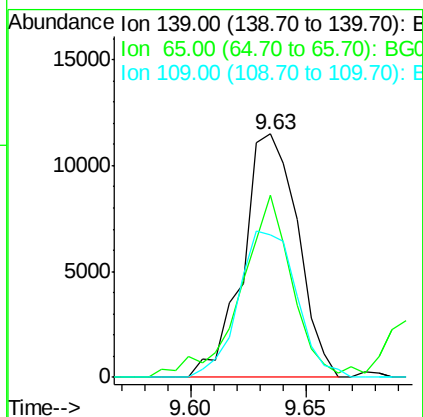
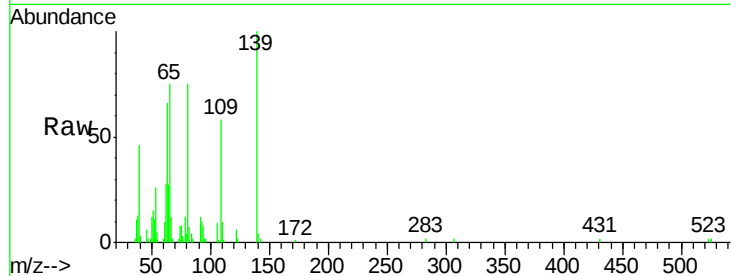
Ion 138.00 (137.70 to 138.70): BGC





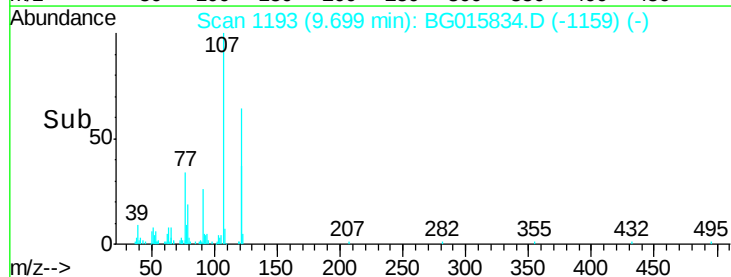
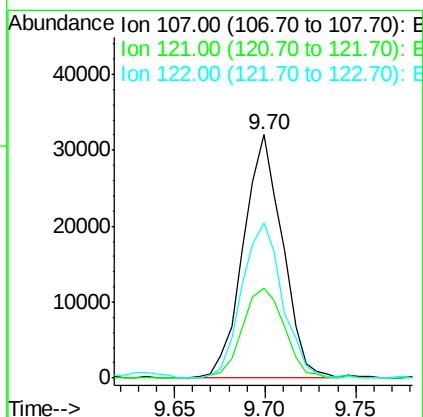
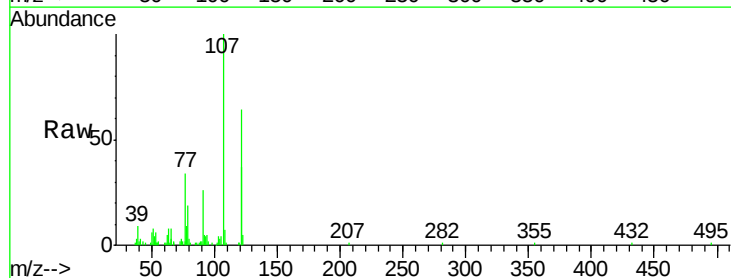
#21
 2-Nitrophenol
 Concen: 21.07 ng/ul
 RT: 9.63 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

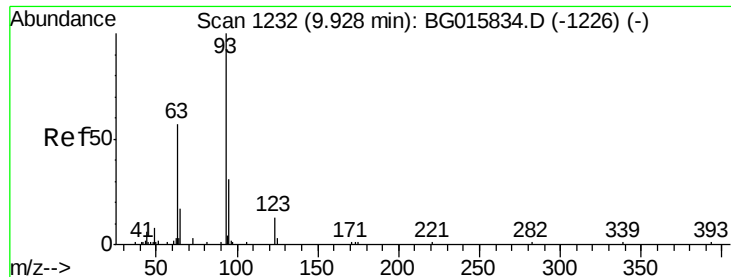
Tgt Ion	Ratio	Lower	Upper
139	100		
65	74.8	59.8	89.8
109	58.5	46.8	70.2



#22
 2,4-Dimethylphenol
 Concen: 20.65 ng/ul
 RT: 9.70 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

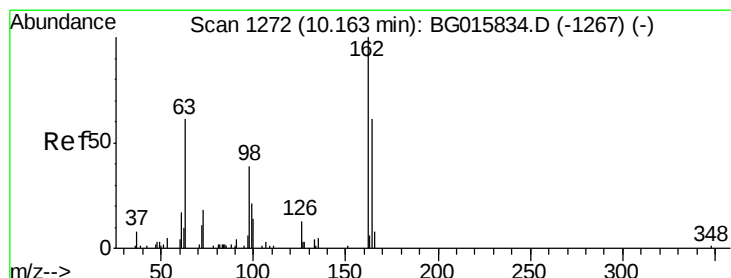
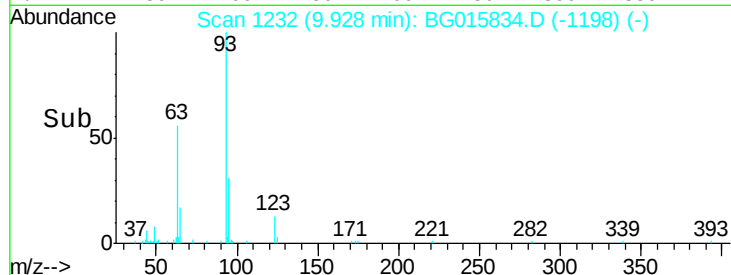
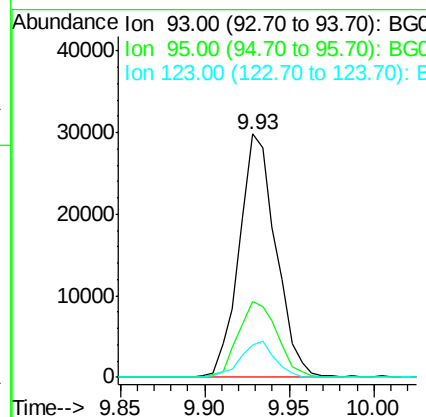
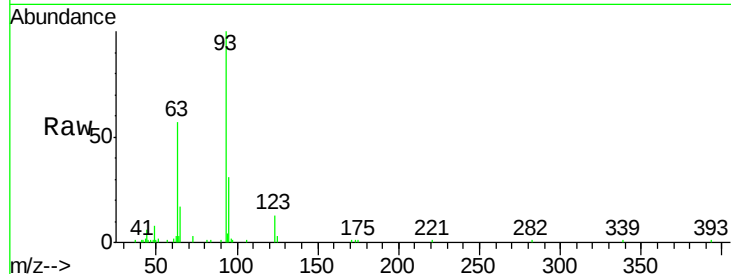
Tgt Ion	Ratio	Lower	Upper
107	100		
121	36.8	29.4	44.2
122	63.6	50.9	76.3





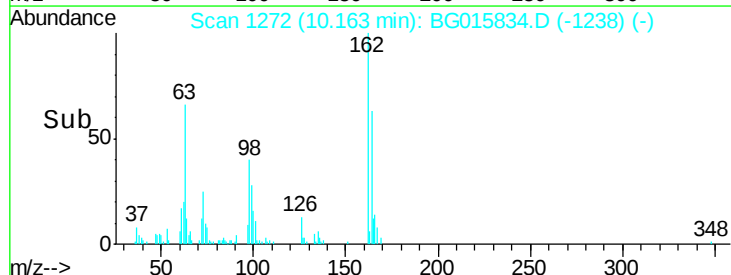
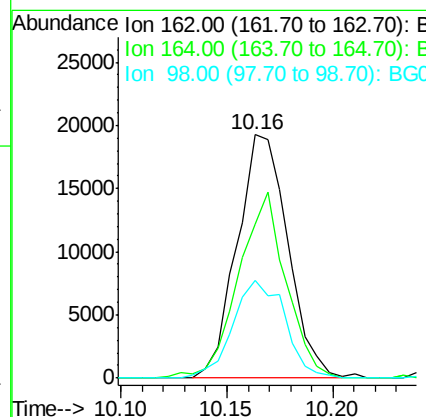
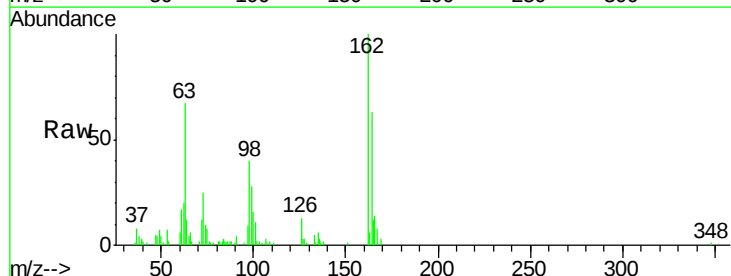
#23
 Bis(2-Chloroethoxy)methane
 Concen: 19.62 ng/ul
 RT: 9.93 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

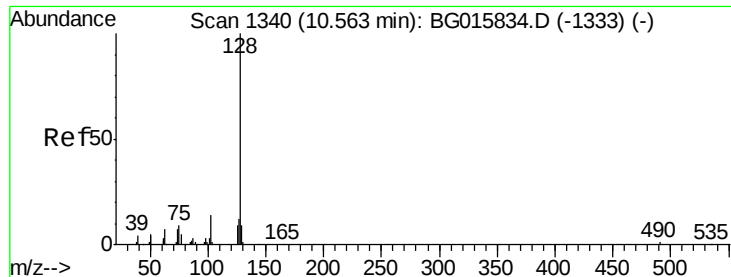
Tgt Ion:	93	Resp:	45045
Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.1	37.7
123	13.2	10.6	15.8



#25
 2,4-Dichlorophenol
 Concen: 19.98 ng/ul
 RT: 10.16 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

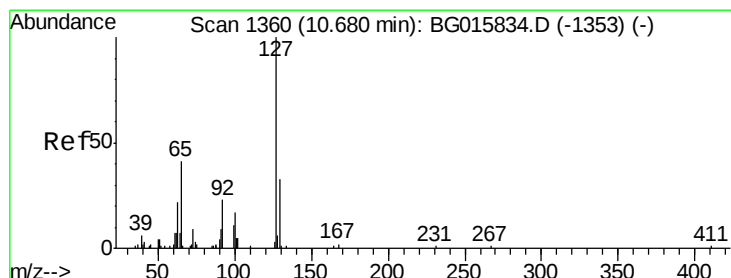
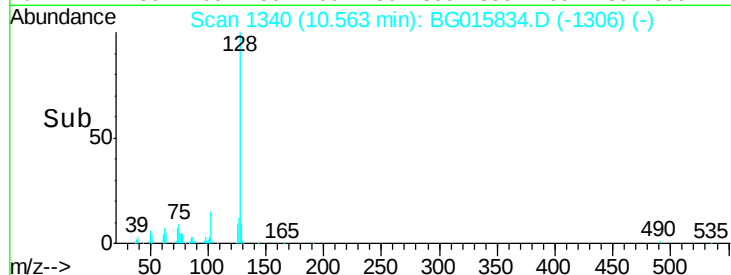
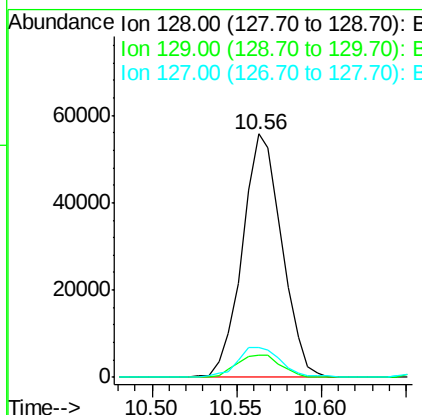
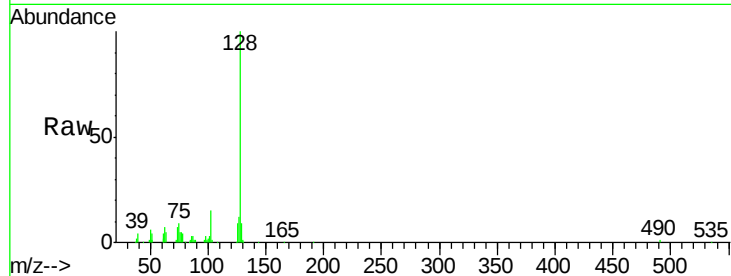
Tgt Ion:	162	Resp:	32076
Ion	Ratio	Lower	Upper
162	100		
164	63.3	50.6	76.0
98	40.0	32.0	48.0





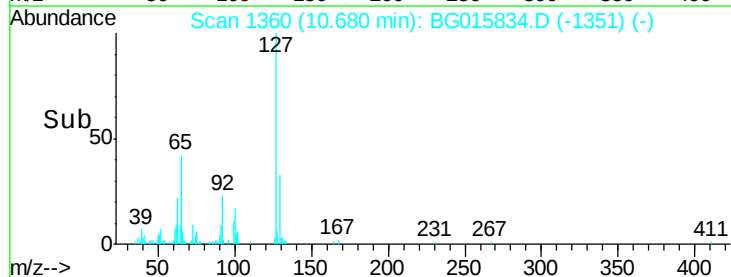
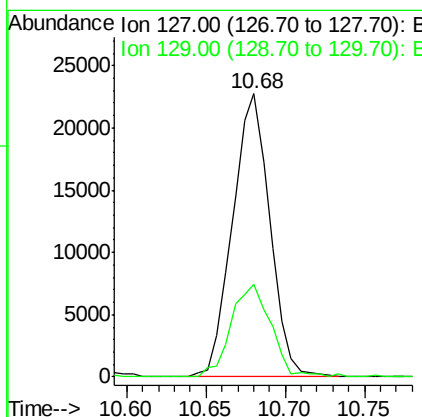
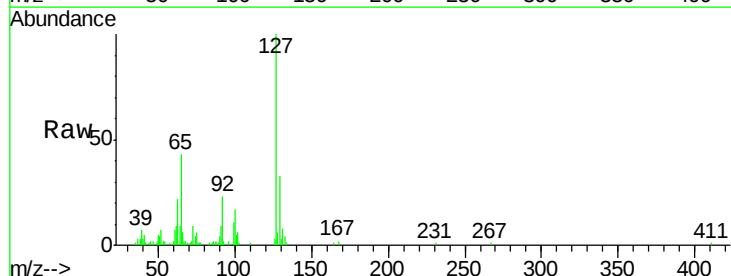
#26
Naphthalene
Concen: 18.89 ng/ul
RT: 10.56 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

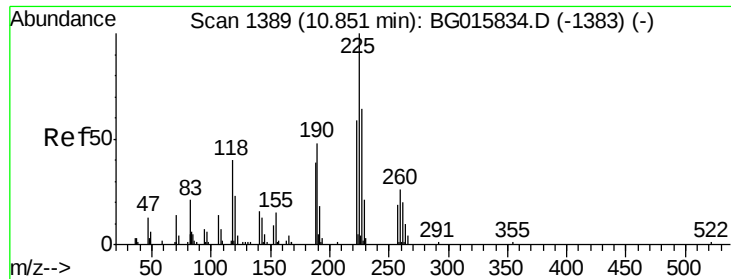
Tgt Ion:128 Resp: 90754
Ion Ratio Lower Upper
128 100
129 8.9 7.1 10.7
127 12.2 9.8 14.6



#28
4-Chloroaniline
Concen: 20.76 ng/ul
RT: 10.68 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

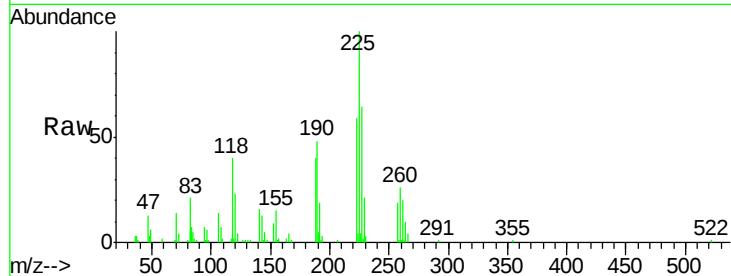
Tgt Ion:127 Resp: 37092
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0



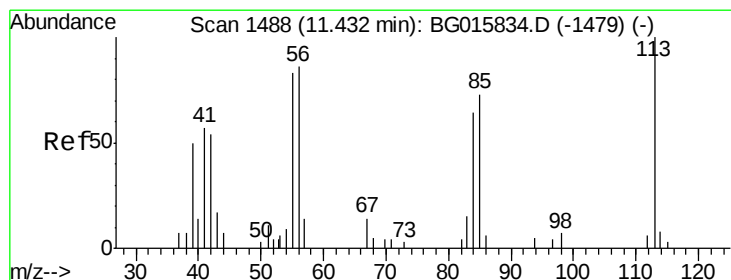
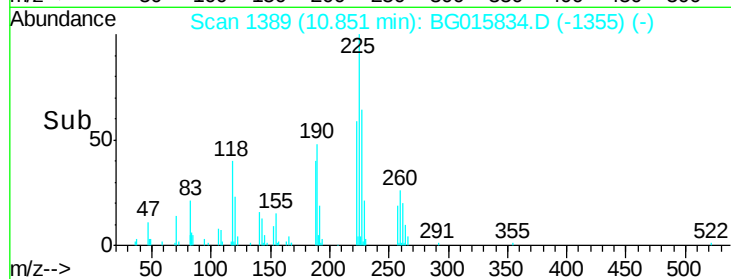
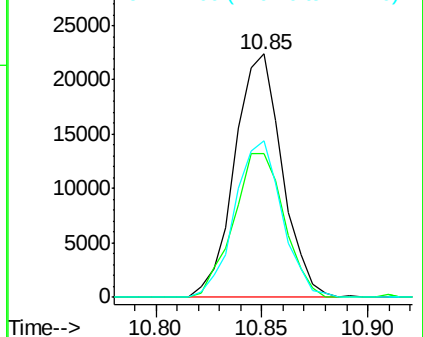


#29
Hexachlorobutadiene
Concen: 22.53 ng/ul
RT: 10.85 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion: 225 Resp: 34819
Ion Ratio Lower Upper
225 100
223 61.2 49.0 73.4
227 61.6 49.3 73.9

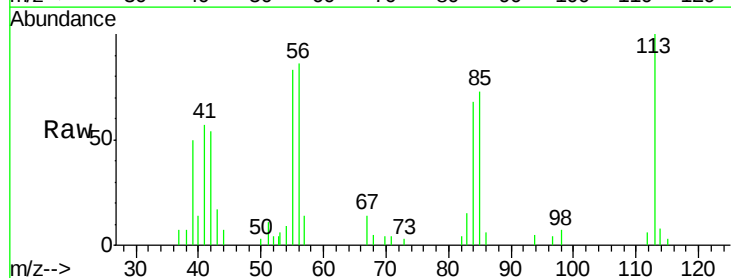


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

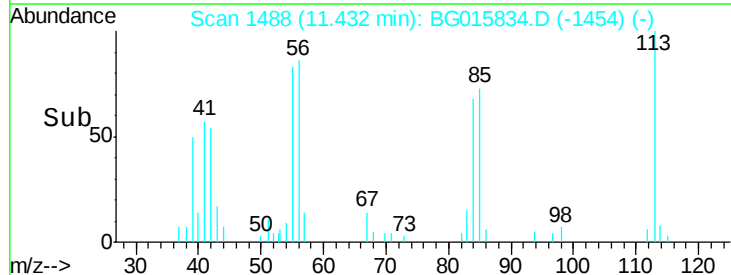
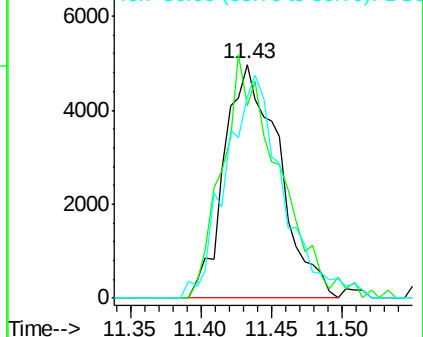


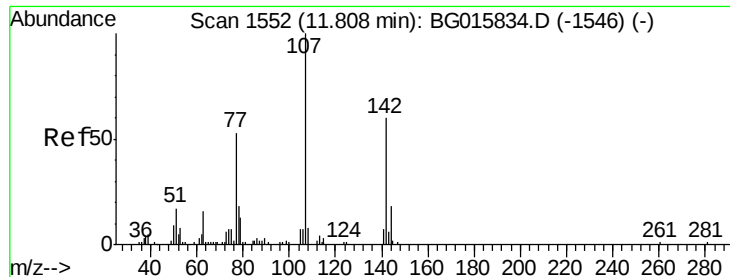
#30
Caprolactam
Concen: 20.33 ng/ul
RT: 11.43 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion: 113 Resp: 13522
Ion Ratio Lower Upper
113 100
55 82.6 66.1 99.1
56 86.3 69.0 103.6



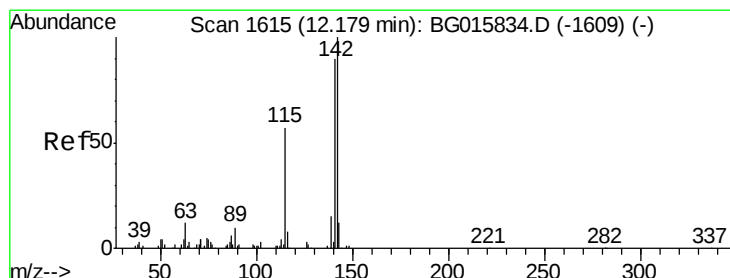
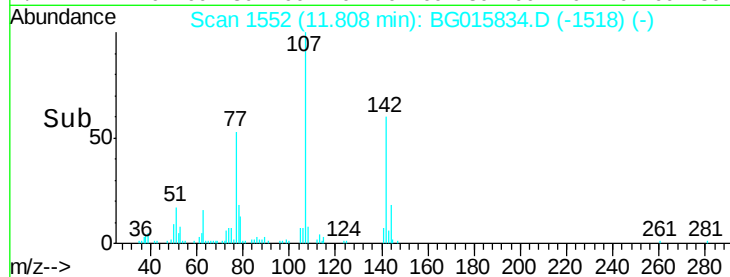
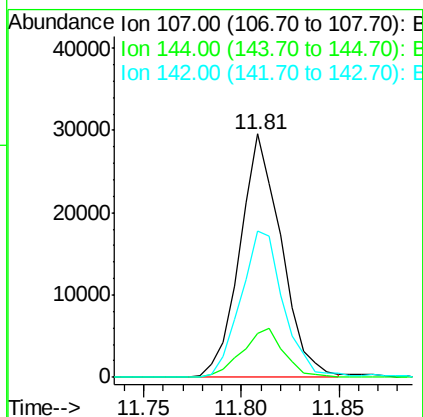
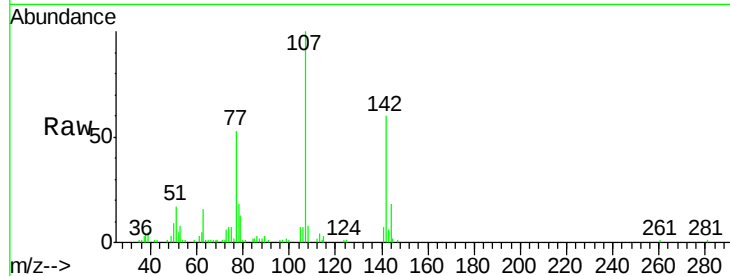
Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





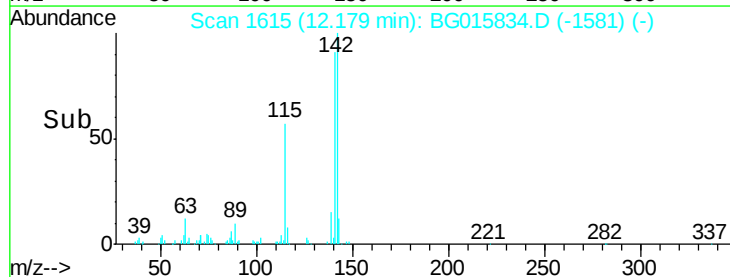
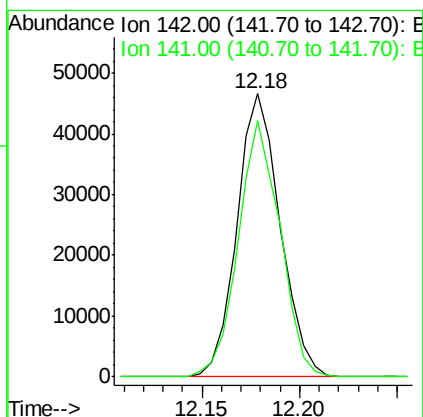
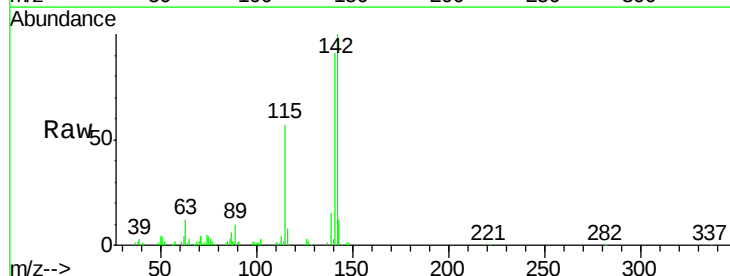
#31
 4-Chloro-3-methylphenol
 Concen: 20.17 ng/ul
 RT: 11.81 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

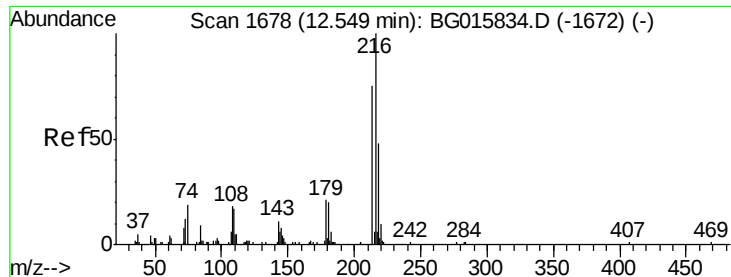
Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.3	14.6	22.0
142	60.2	48.2	72.2



#32
 2-Methylnaphthalene
 Concen: 20.09 ng/ul
 RT: 12.18 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

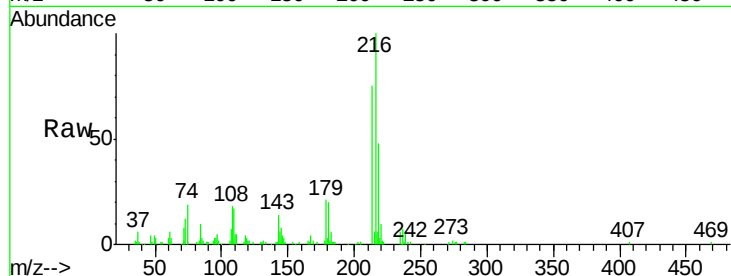
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6



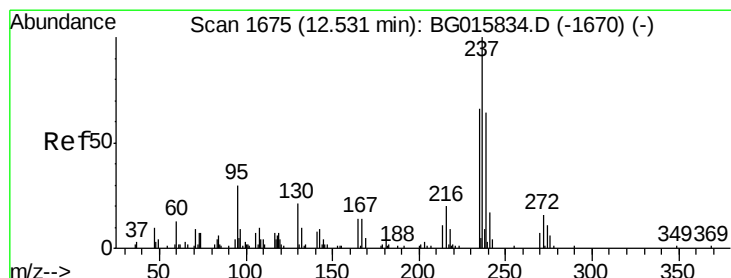
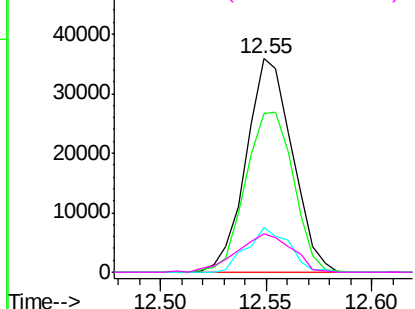
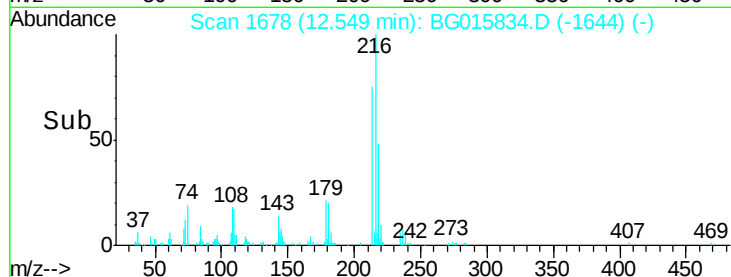


#34
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.31 ng/ul
 RT: 12.55 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion:	216	Resp:	54462
Ion	Ratio	Lower	Upper
216	100		
214	74.6	59.7	89.5
179	21.1	16.9	25.3
108	17.8	14.2	21.4

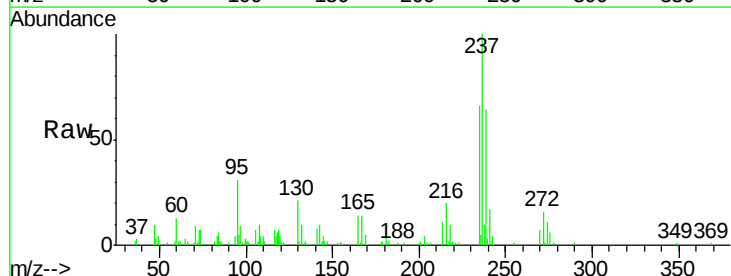


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

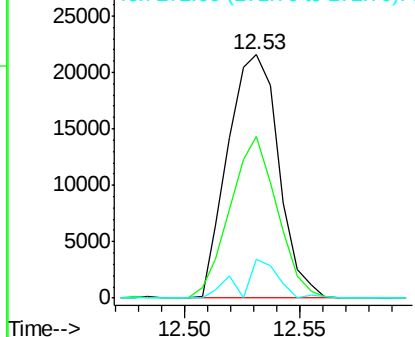
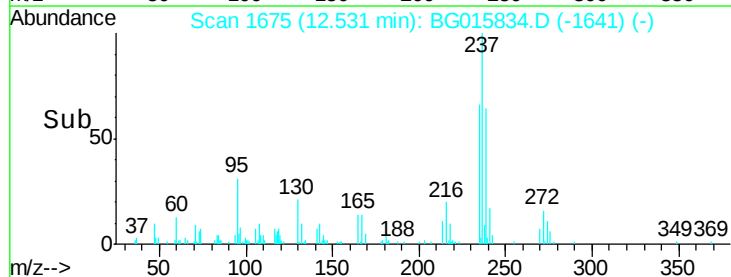


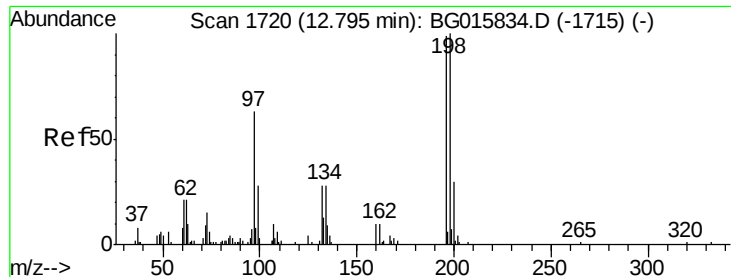
#35
 Hexachlorocyclopentadiene
 Concen: 22.68 ng/ul
 RT: 12.53 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion:	237	Resp:	33137
Ion	Ratio	Lower	Upper
237	100		
235	66.2	53.0	79.4
272	16.2	13.0	19.4



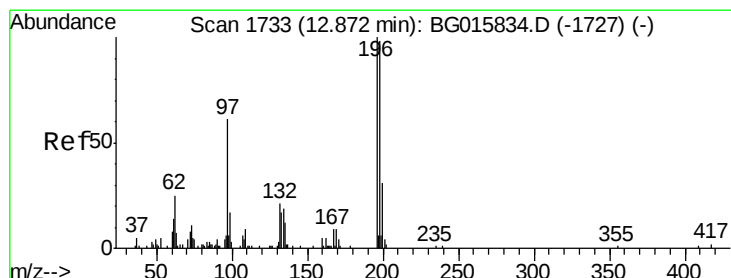
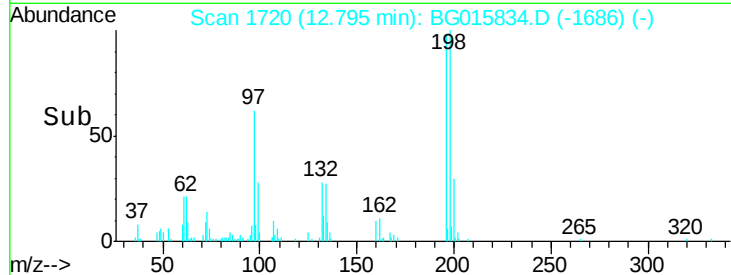
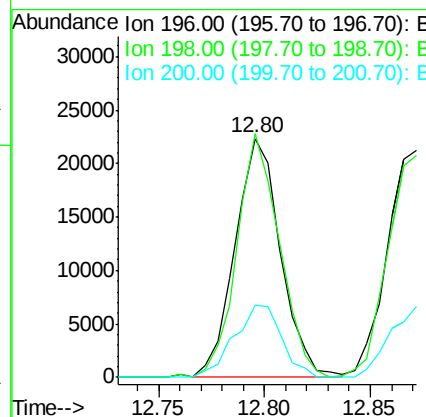
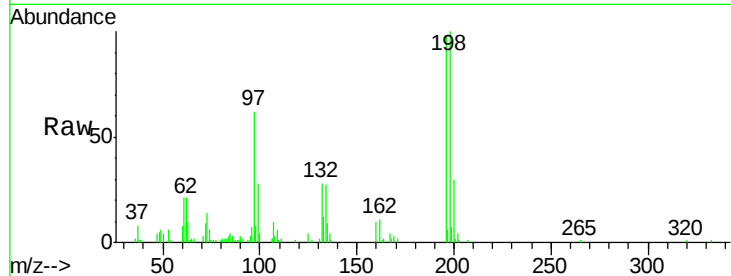
Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





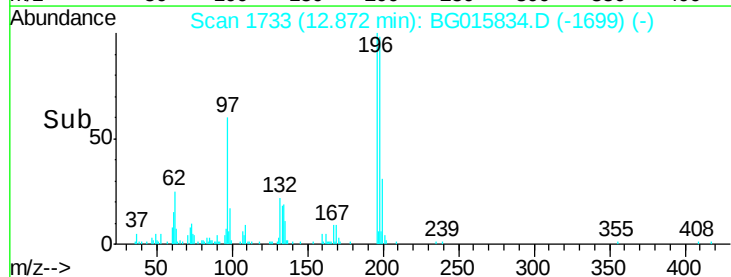
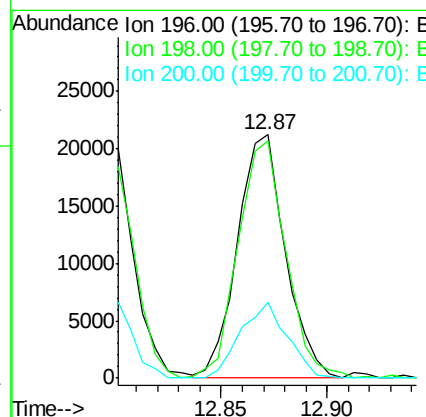
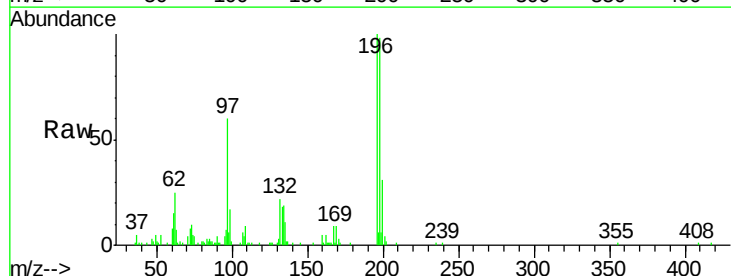
#36
 2,4,6-Trichlorophenol
 Concen: 21.40 ng/ul
 RT: 12.80 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

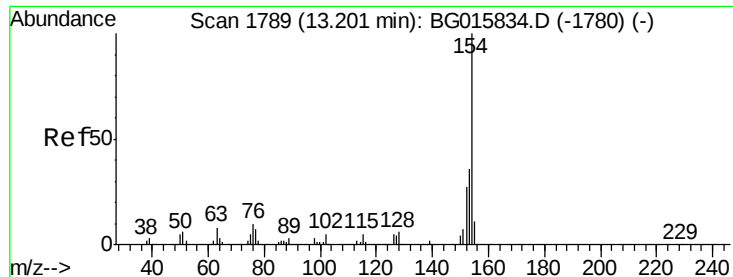
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	81.6	122.4
200	32.8	26.2	39.4



#37
 2,4,5-Trichlorophenol
 Concen: 19.73 ng/ul
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

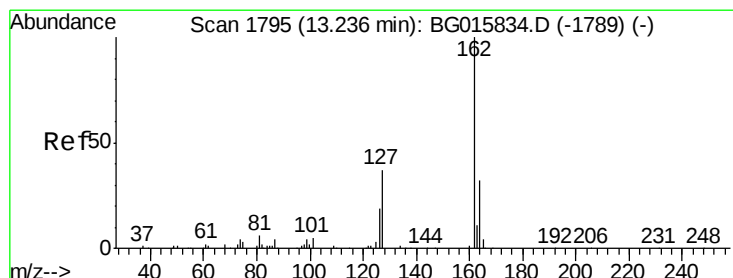
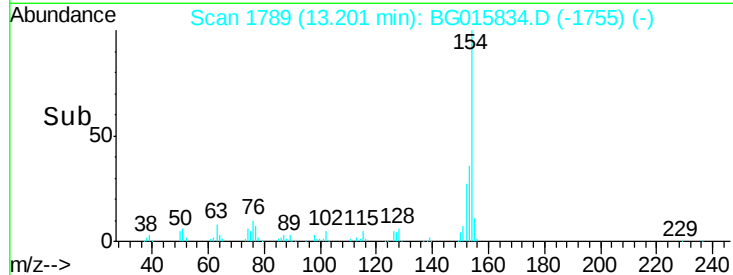
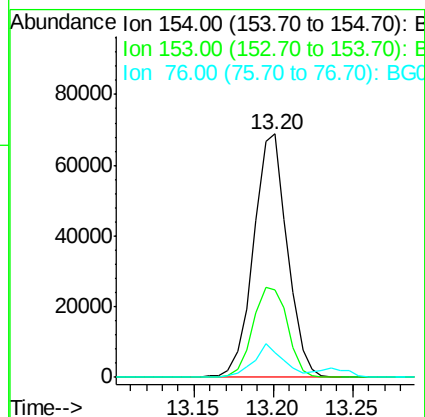
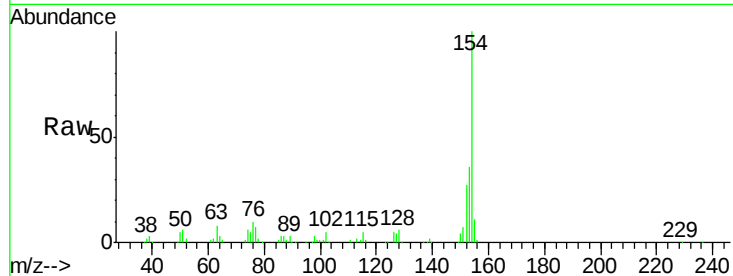
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.1	117.1
200	31.0	24.8	37.2





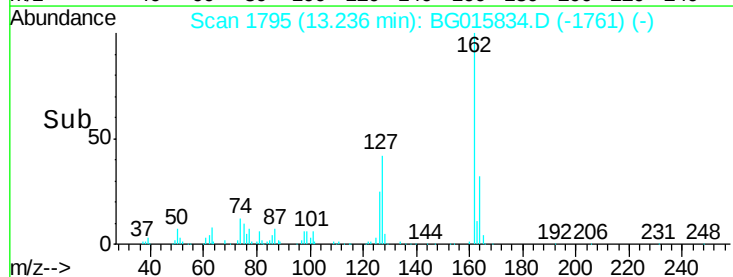
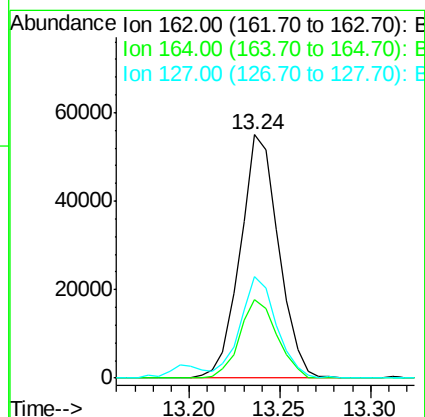
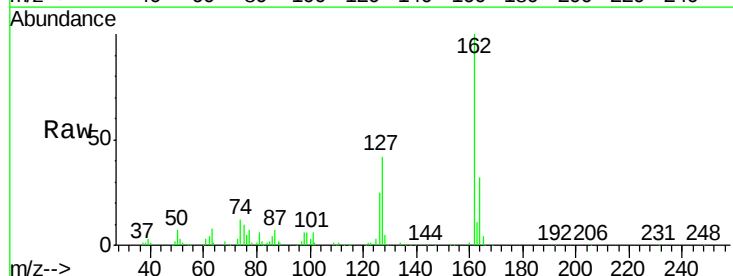
#38
 1,1'-Biphenyl
 Concen: 20.03 ng/ul
 RT: 13.20 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

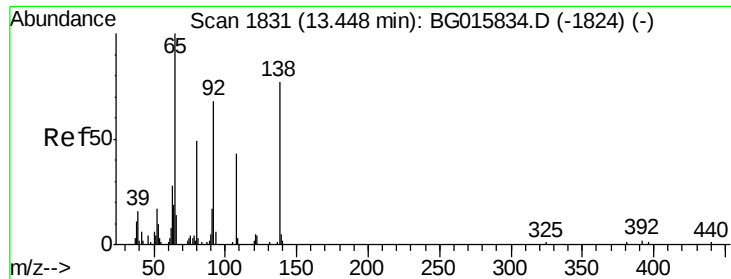
Tgt Ion:	154	Resp:	101776
Ion Ratio	Lower	Upper	
154	100		
153	35.9	28.7	43.1
76	10.3	8.2	12.4



#39
 2-Chloronaphthalene
 Concen: 20.39 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

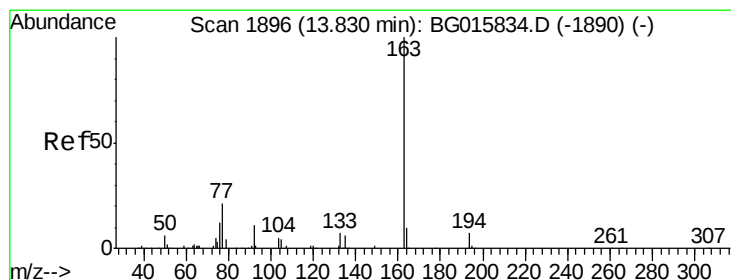
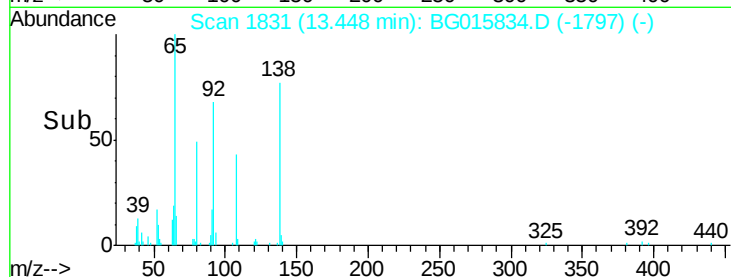
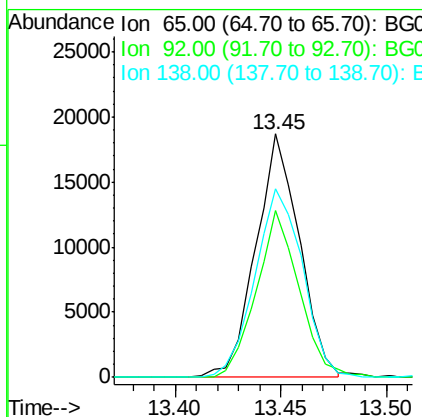
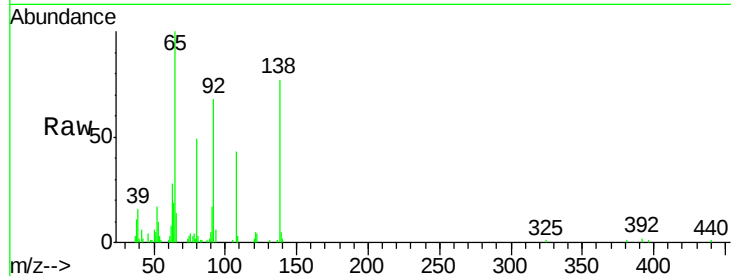
Tgt Ion:	162	Resp:	80918
Ion Ratio	Lower	Upper	
162	100		
164	32.2	25.8	38.6
127	41.6	33.3	49.9





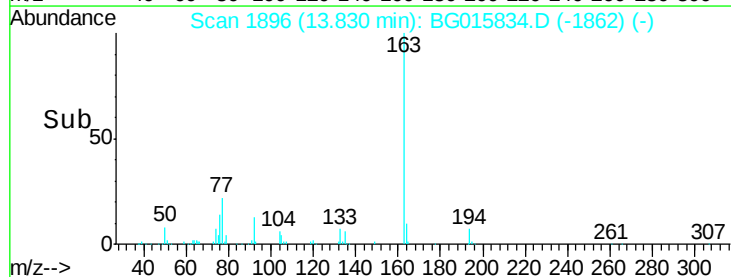
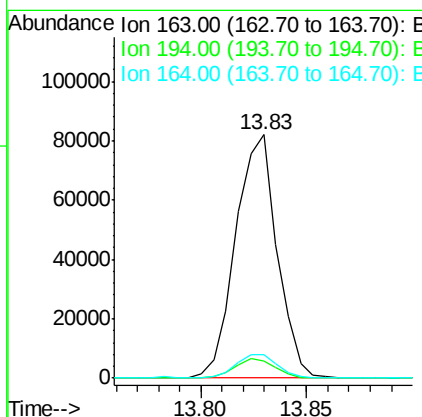
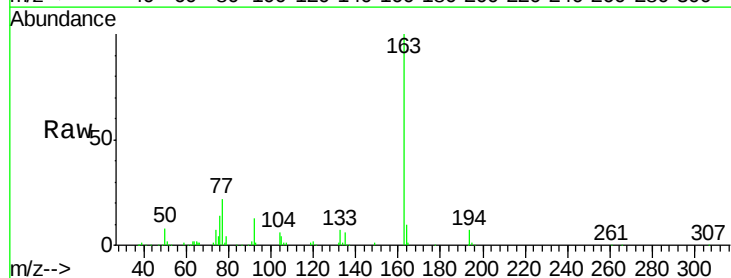
#40
2-Nitroaniline
Concen: 18.11 ng/ul
RT: 13.45 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

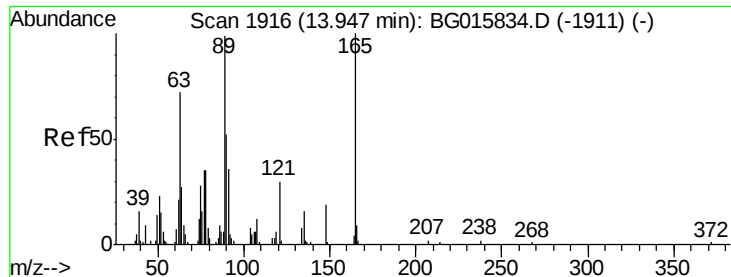
Tgt Ion: 65 Resp: 26861
Ion Ratio Lower Upper
65 100
92 68.4 54.7 82.1
138 77.4 61.9 92.9



#42
Dimethylphthalate
Concen: 21.30 ng/ul
RT: 13.83 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

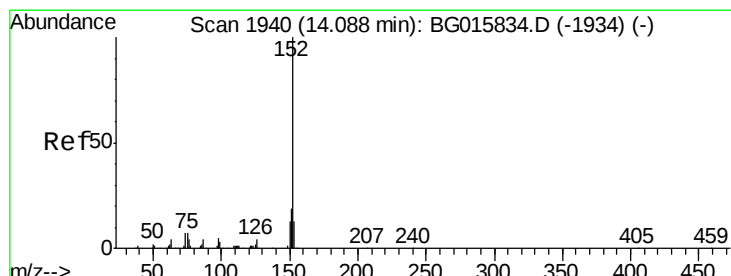
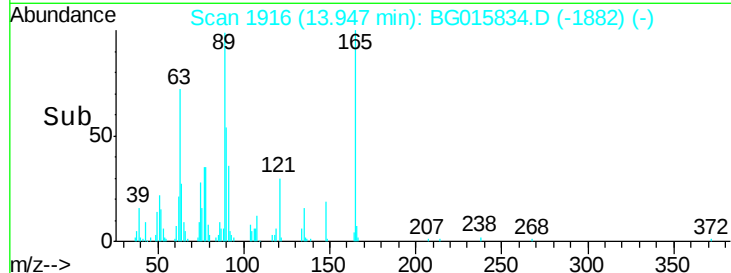
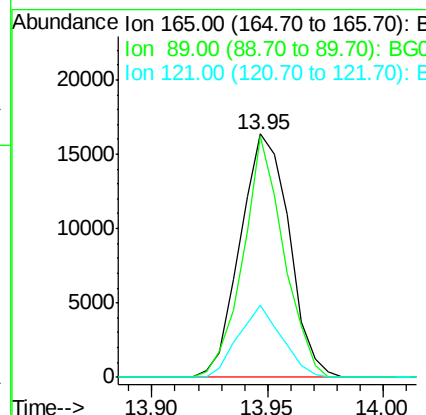
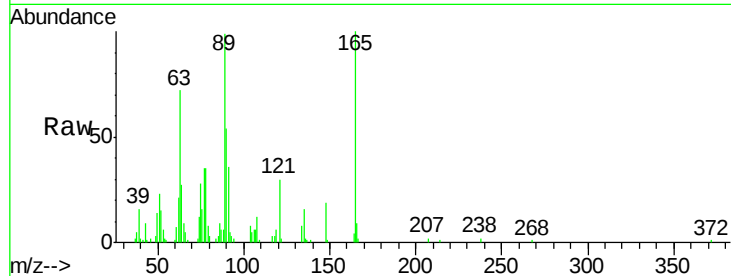
Tgt Ion: 163 Resp: 111650
Ion Ratio Lower Upper
163 100
194 7.1 5.7 8.5
164 9.7 7.8 11.6





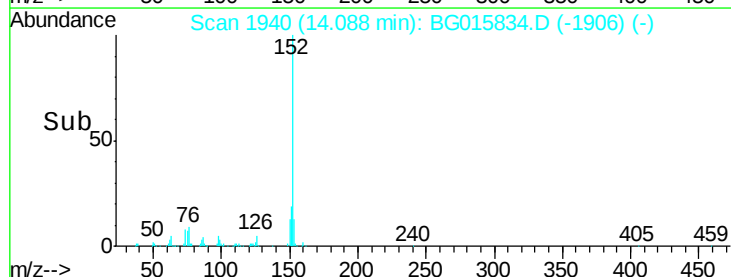
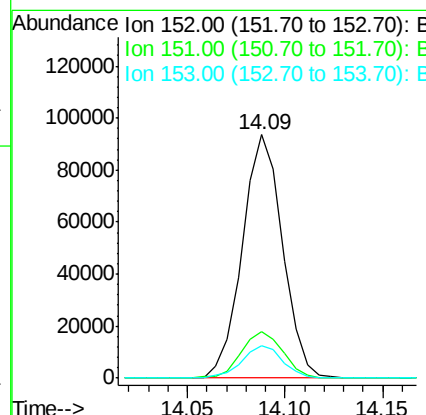
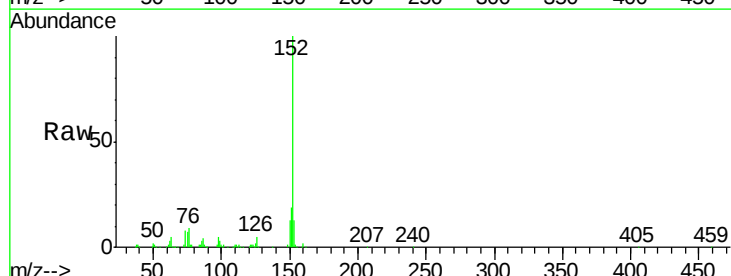
#43
2,6-Dinitrotoluene
Concen: 21.07 ng/ul
RT: 13.95 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

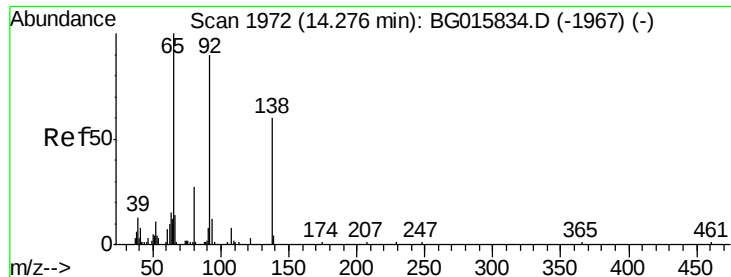
Tgt Ion:165 Resp: 24142
Ion Ratio Lower Upper
165 100
89 99.3 79.4 119.2
121 29.9 23.9 35.9



#45
Acenaphthylene
Concen: 20.11 ng/ul
RT: 14.09 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

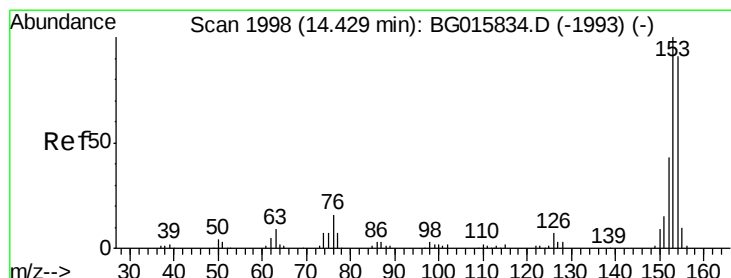
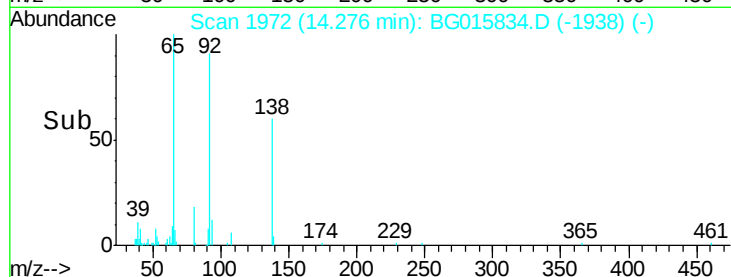
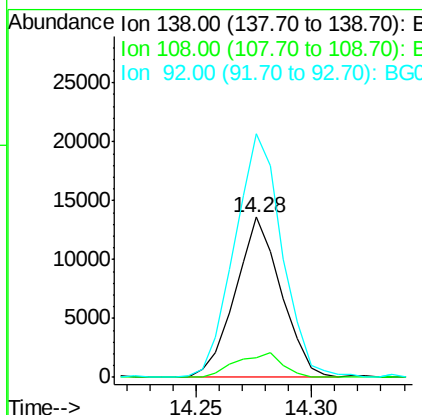
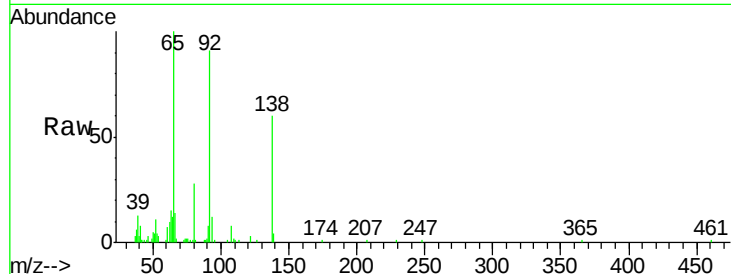
Tgt Ion:152 Resp: 133713
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0
153 13.1 10.5 15.7





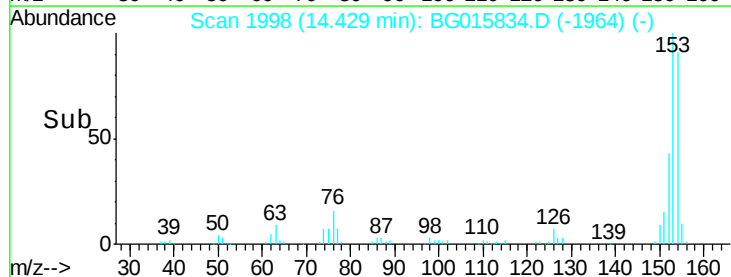
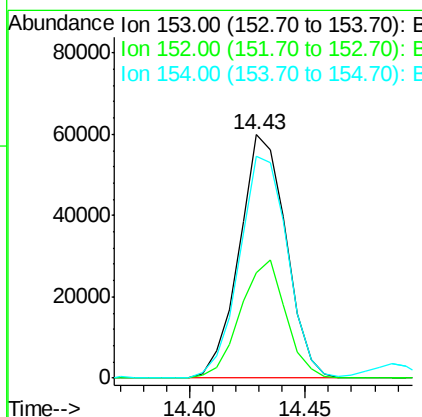
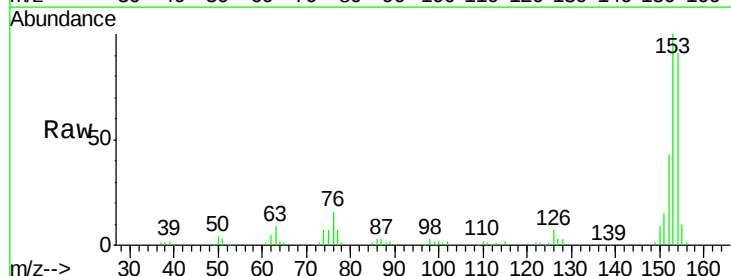
#46
3-Nitroaniline
Concen: 18.49 ng/ul
RT: 14.28 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

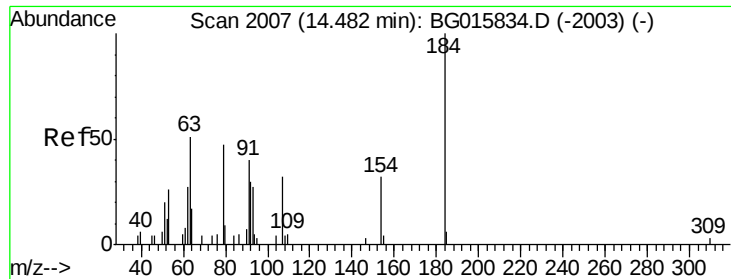
Tgt Ion:138 Resp: 18758
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 152.2 121.8 182.6



#47
Acenaphthene
Concen: 19.70 ng/ul
RT: 14.43 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

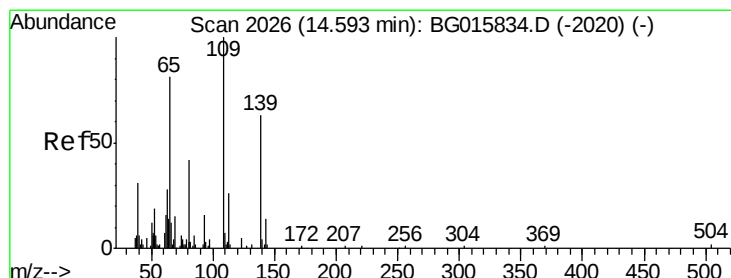
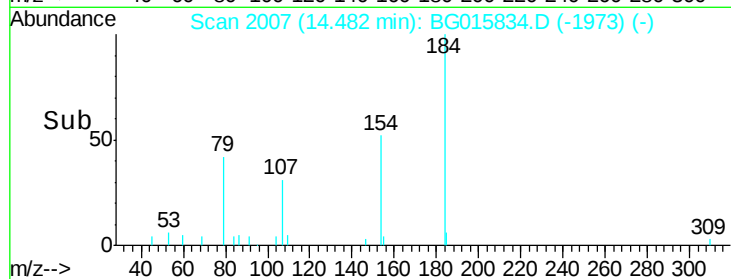
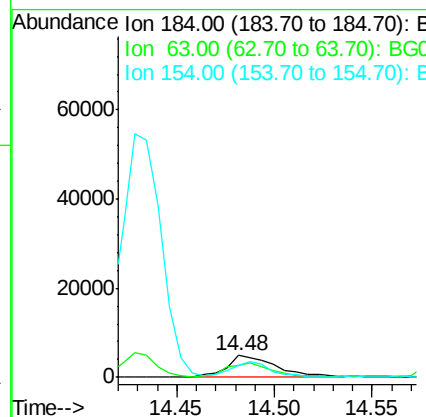
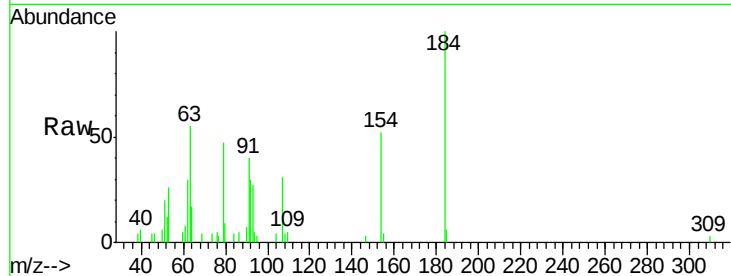
Tgt Ion:153 Resp: 84750
Ion Ratio Lower Upper
153 100
152 43.1 34.5 51.7
154 91.2 73.0 109.4





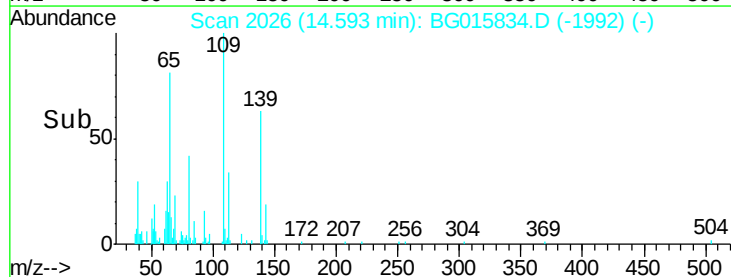
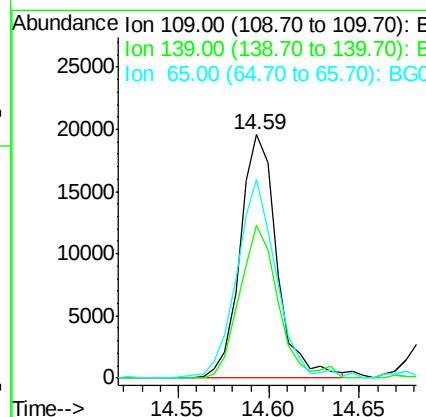
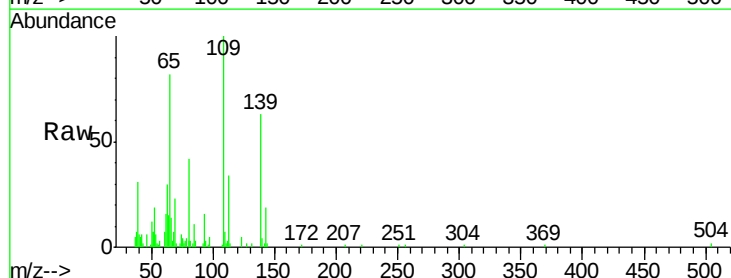
#48
 2,4-Dinitrophenol
 Concen: 14.62 ng/ul
 RT: 14.48 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

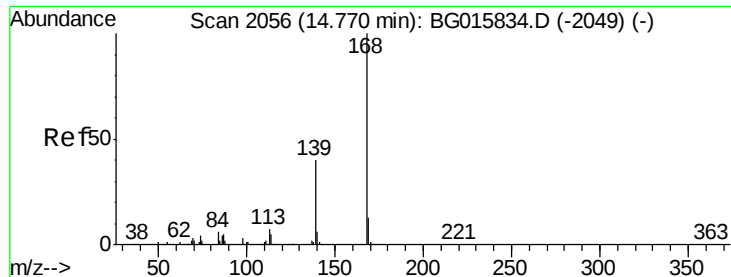
Tgt Ion:184 Resp: 8486
 Ion Ratio Lower Upper
 184 100
 63 52.5 42.0 63.0
 154 49.5 39.6 59.4



#50
 4-Nitrophenol
 Concen: 20.03 ng/ul
 RT: 14.59 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion:109 Resp: 27651
 Ion Ratio Lower Upper
 109 100
 139 62.6 50.1 75.1
 65 81.8 65.4 98.2





#51

Dibenzofuran

Concen: 19.99 ng/ul

RT: 14.77 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG015834.D

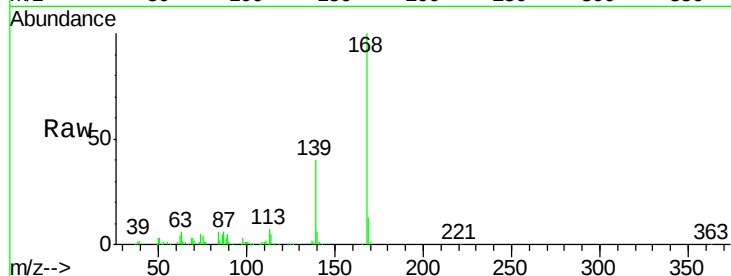
Acq: 31 Dec 2014 21:21

Tgt Ion:168 Resp: 129278

Ion Ratio Lower Upper

168 100

139 39.7 31.8 47.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.77

80000

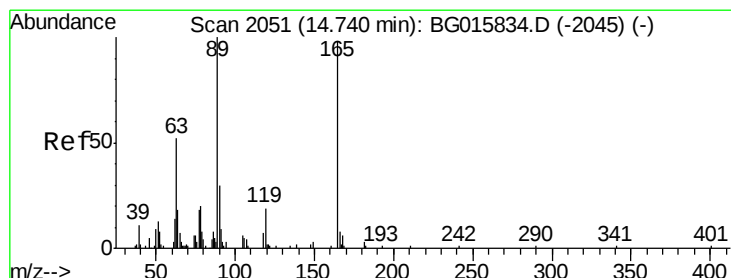
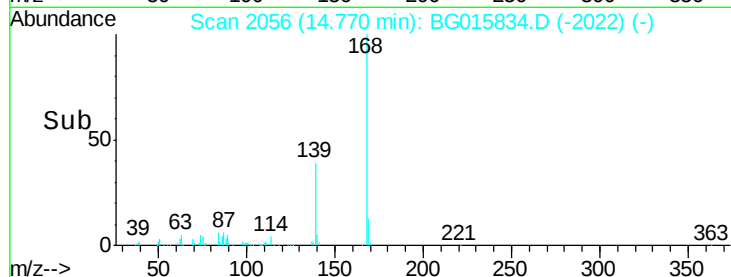
60000

40000

20000

0

Time--> 14.70 14.75 14.80



#52

2,4-Dinitrotoluene

Concen: 20.46 ng/ul

RT: 14.74 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

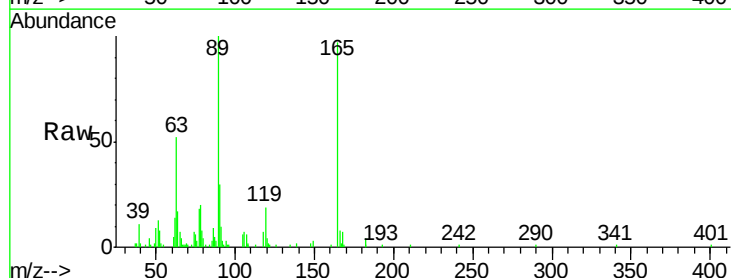
Tgt Ion:165 Resp: 33589

Ion Ratio Lower Upper

165 100

63 53.8 43.0 64.6

182 4.3 3.4 5.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

14.74

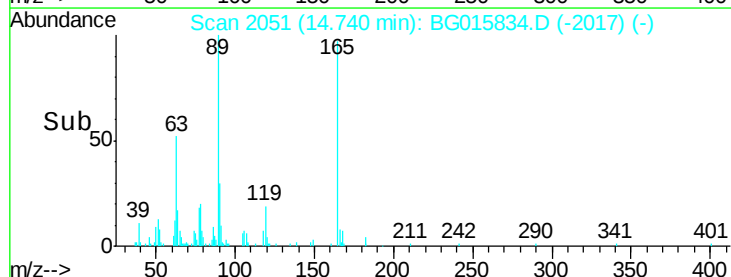
30000

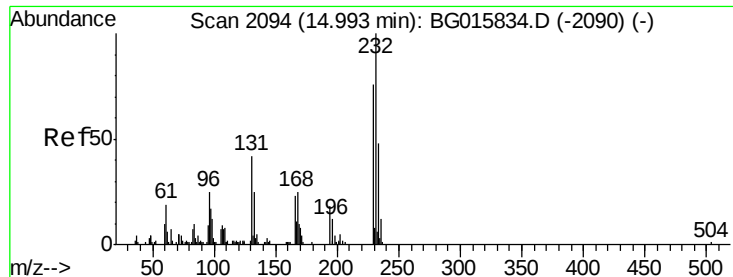
20000

10000

0

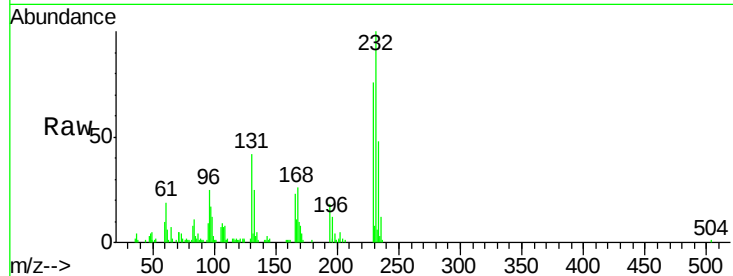
Time--> 14.70 14.75



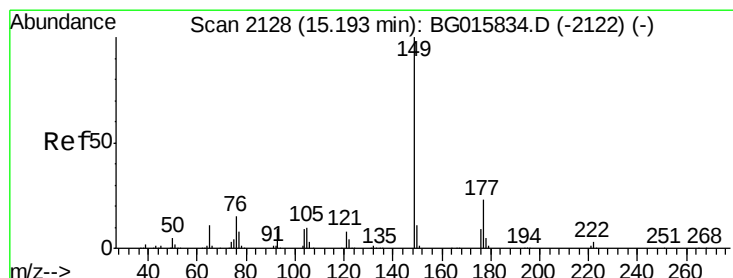
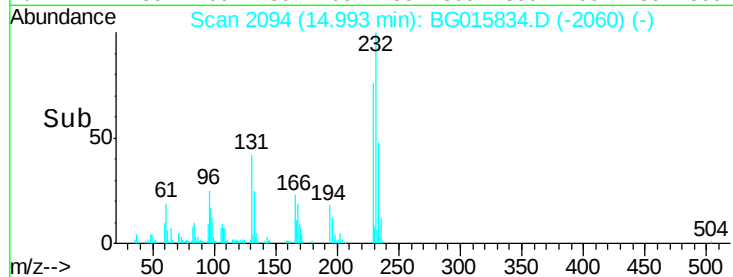
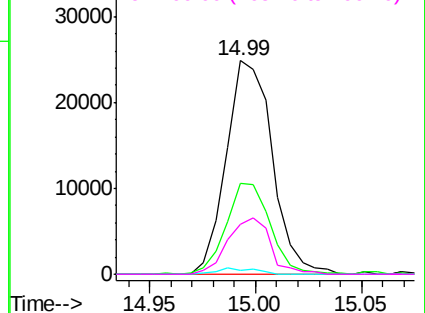


#53
 2,3,4,6-Tetrachlorophenol
 Concen: 20.97 ng/ul
 RT: 14.99 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion:	232	Resp:	37486
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.0	48.0
130	1.8	1.4	2.2
166	22.1	17.7	26.5

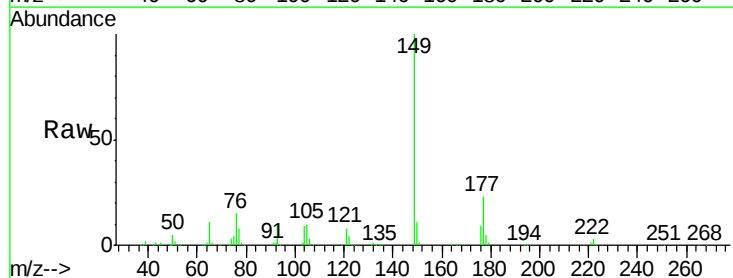


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

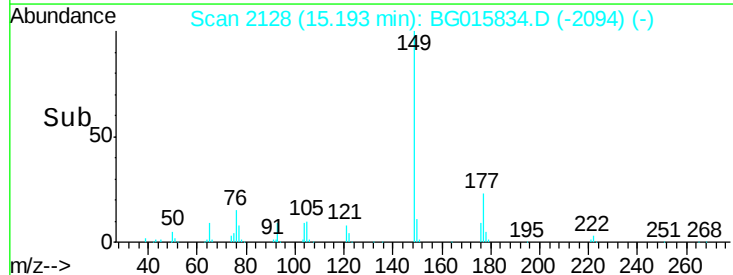
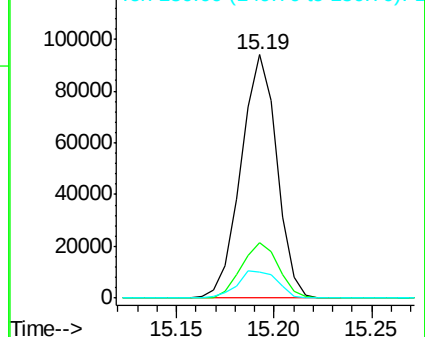


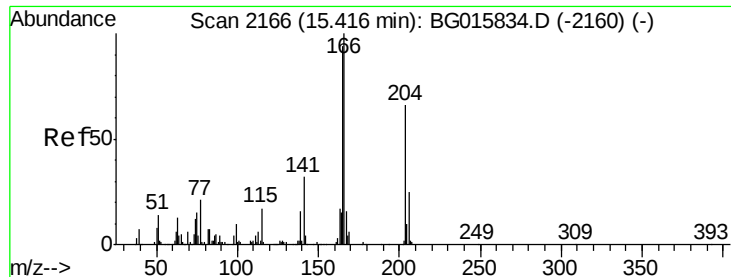
#54
 Diethylphthalate
 Concen: 21.31 ng/ul
 RT: 15.19 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion:	149	Resp:	119566
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	10.9	8.7	13.1



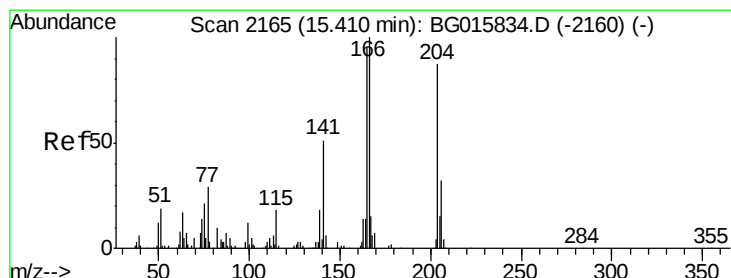
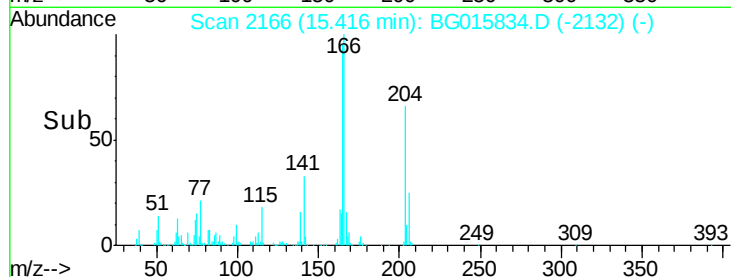
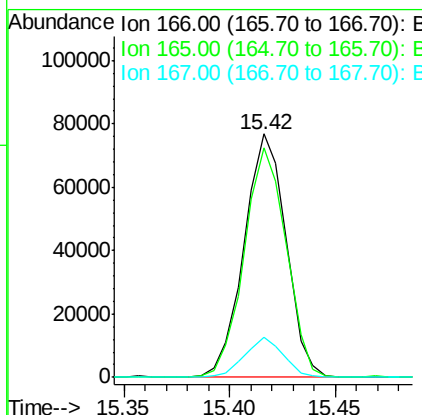
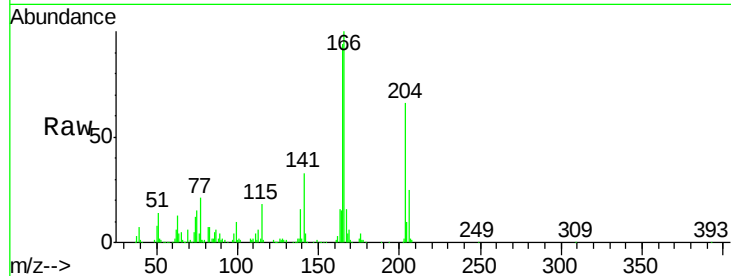
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





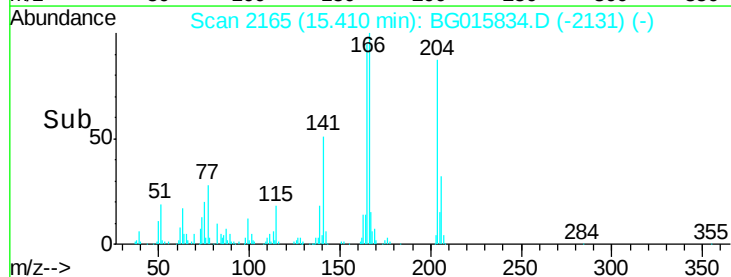
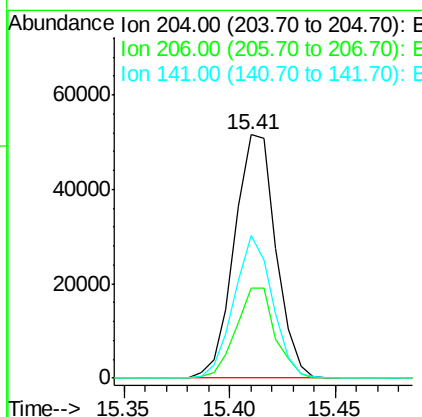
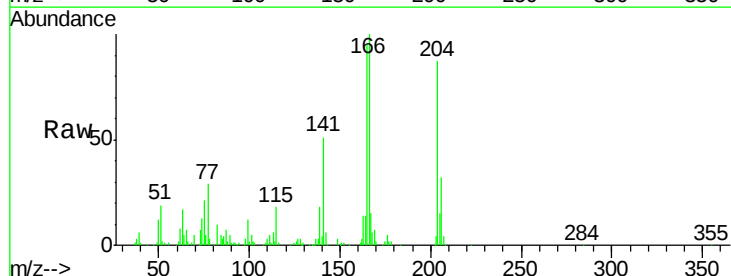
#56
 Fluorene
 Concen: 20.38 ng/ul
 RT: 15.42 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

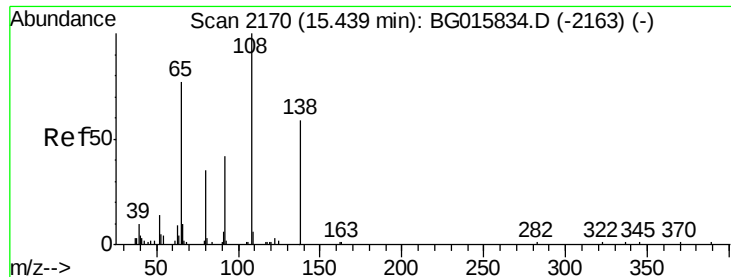
Tgt Ion	Resp	Ion Ratio	Lower	Upper
166	106163	100		
165	94.3		75.4	113.2
167	16.4		13.1	19.7



#57
 4-Chlorophenyl-phenylether
 Concen: 20.88 ng/ul
 RT: 15.41 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

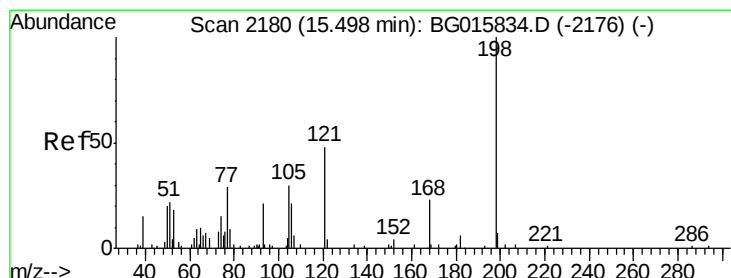
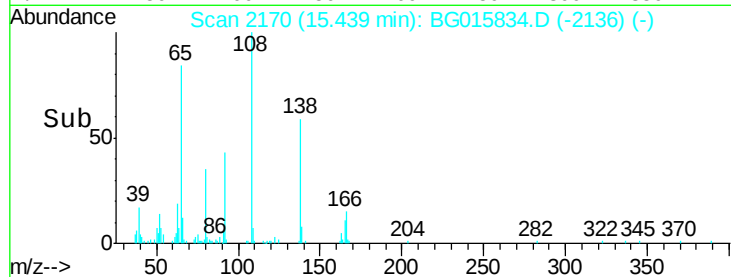
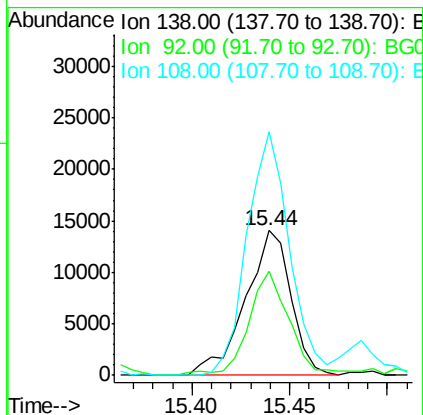
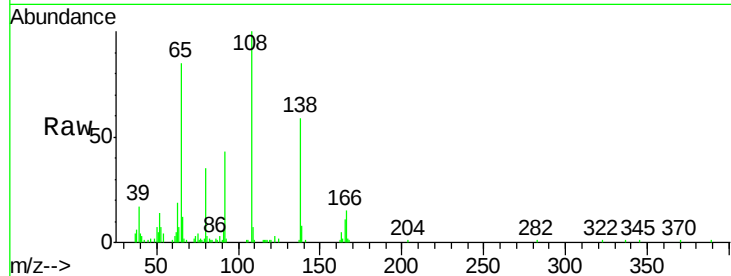
Tgt Ion	Resp	Ion Ratio	Lower	Upper
204	70196	100		
206	37.0		29.6	44.4
141	58.5		46.8	70.2





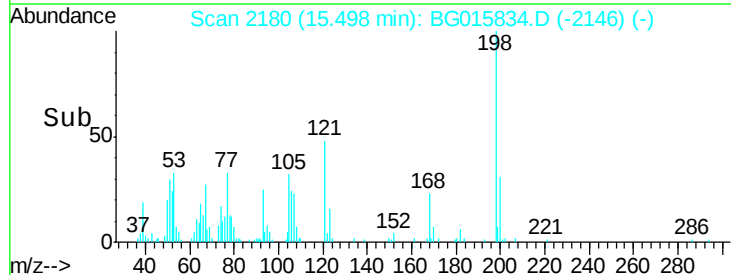
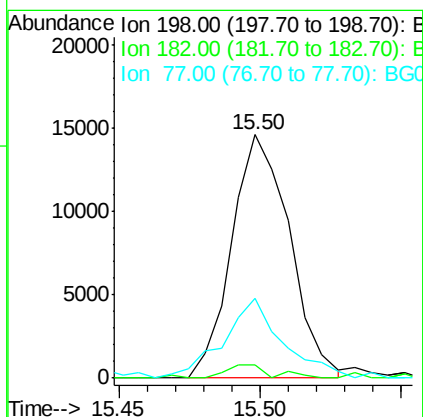
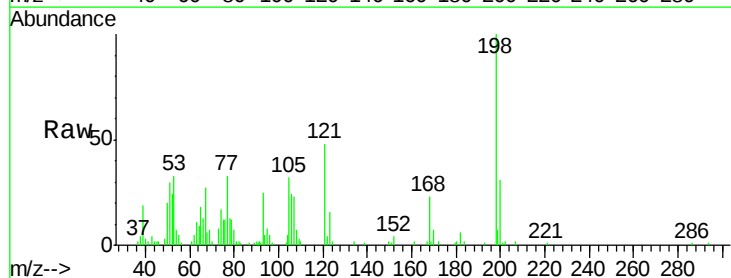
#58
4-Nitroaniline
Concen: 18.60 ng/ul
RT: 15.44 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

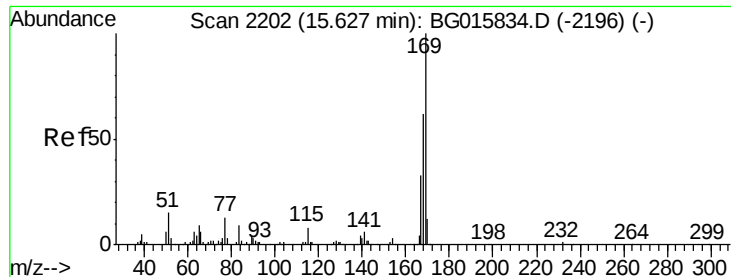
Tgt Ion:138 Resp: 22686
Ion Ratio Lower Upper
138 100
92 71.9 57.5 86.3
108 168.3 134.6 202.0



#61
4,6-Dinitro-2-methylphenol
Concen: 19.32 ng/ul
RT: 15.50 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion:198 Resp: 20747
Ion Ratio Lower Upper
198 100
182 5.7 4.6 6.8
77 32.9 26.3 39.5





#62

N-Nitrosodiphenylamine

Concen: 19.59 ng/ul

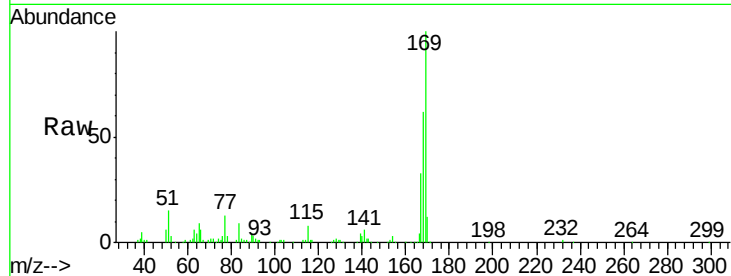
RT: 15.63 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

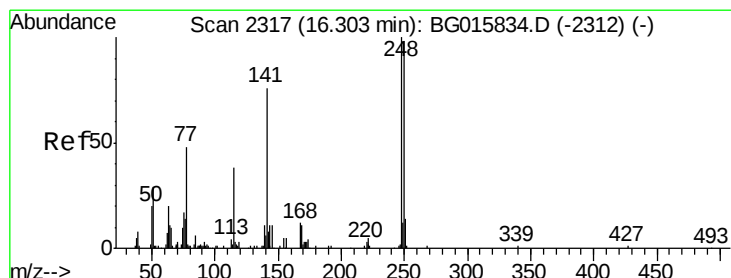
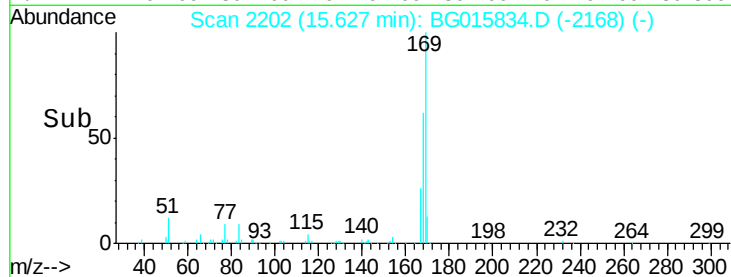
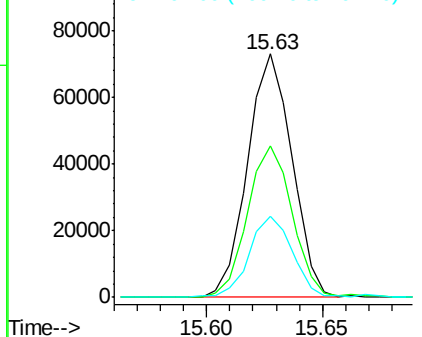
Tgt Ion:	169	Resp:	98170
Ion	Ratio	Lower	Upper
169	100		
168	62.4	49.9	74.9
167	33.4	26.7	40.1



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: 20.84 ng/ul

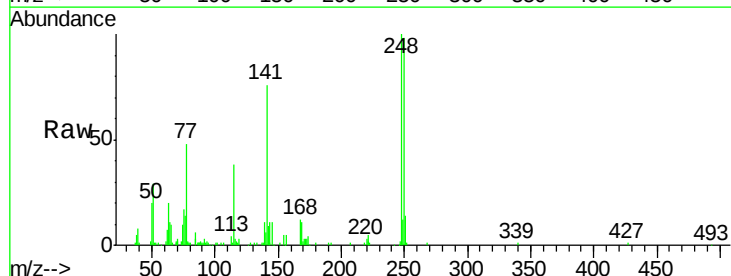
RT: 16.30 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

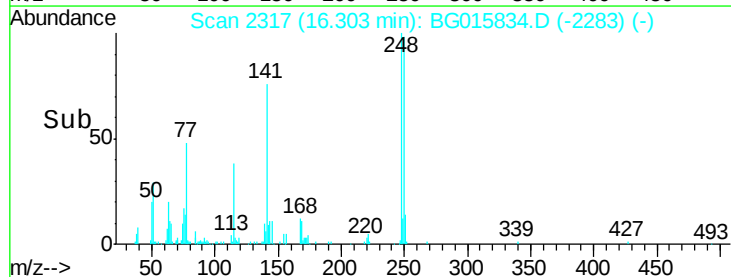
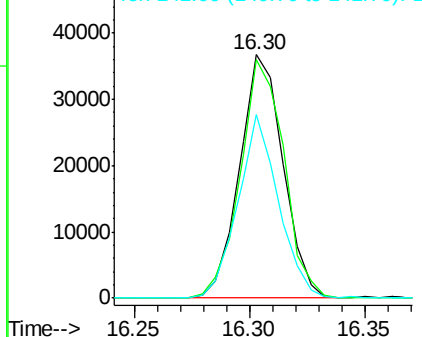
Tgt Ion:	248	Resp:	48326
Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	75.6	60.5	90.7

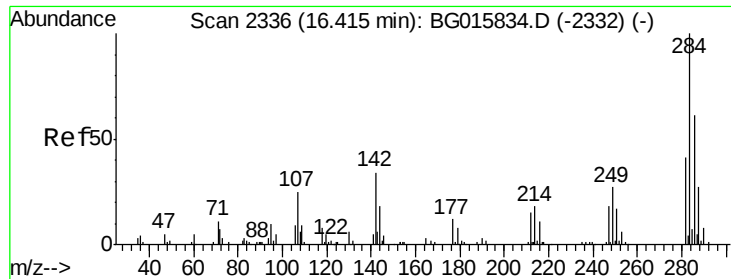


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

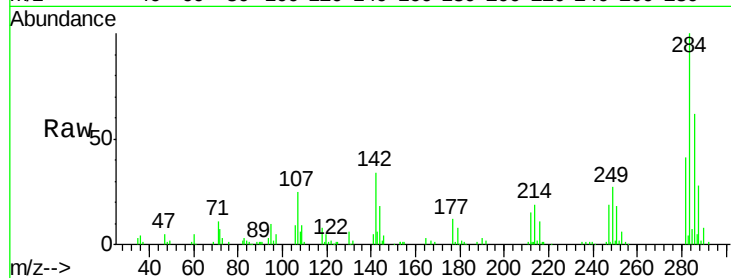
Ion 141.00 (140.70 to 141.70): E



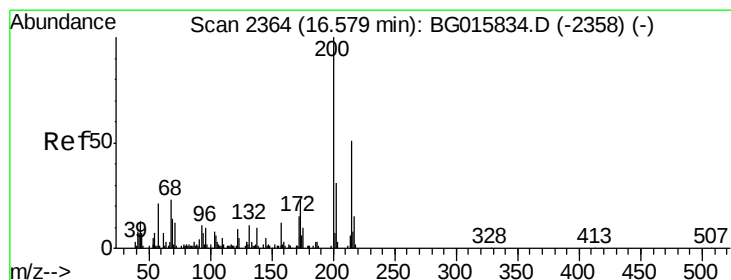
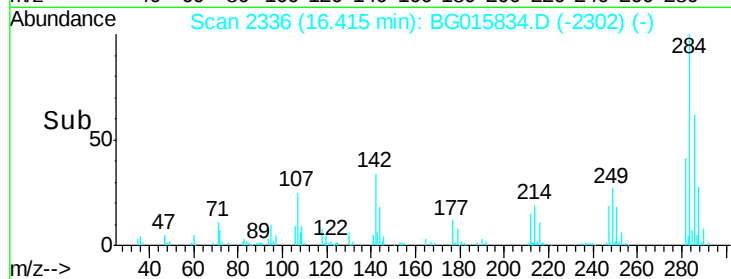
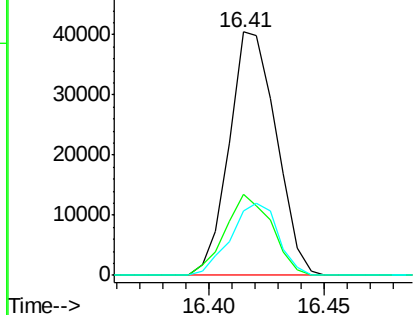


#64
Hexachlorobenzene
Concen: 22.87 ng/ul
RT: 16.41 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion:284 Resp: 57550
Ion Ratio Lower Upper
284 100
142 31.2 25.0 37.4
249 27.0 21.6 32.4

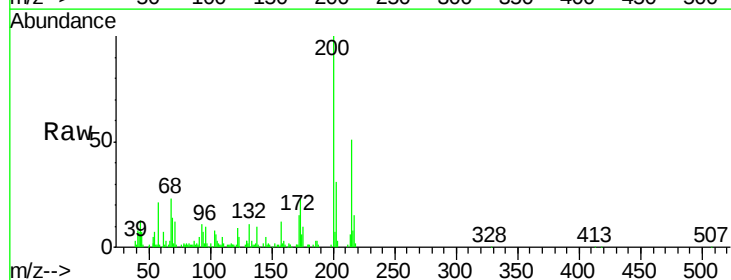


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

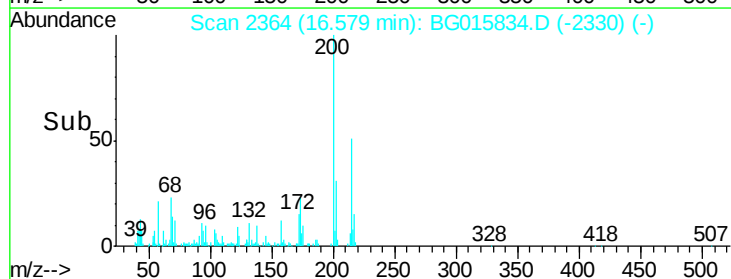
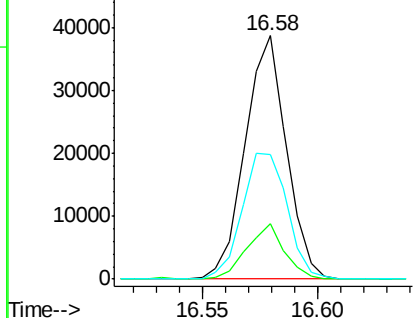


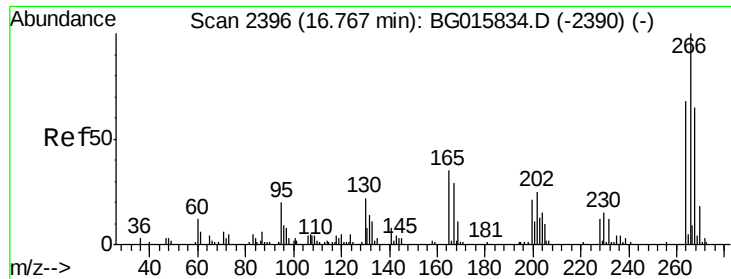
#65
Atrazine
Concen: 22.40 ng/ul
RT: 16.58 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion:200 Resp: 48310
Ion Ratio Lower Upper
200 100
173 22.8 18.2 27.4
215 51.2 41.0 61.4



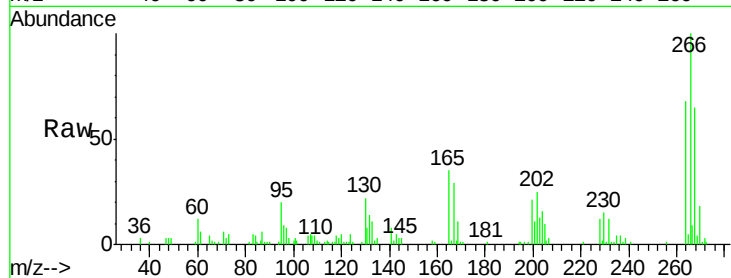
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



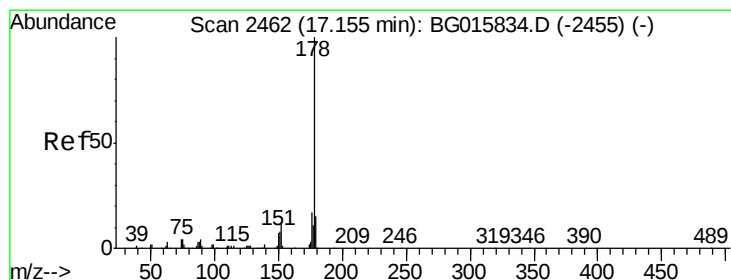
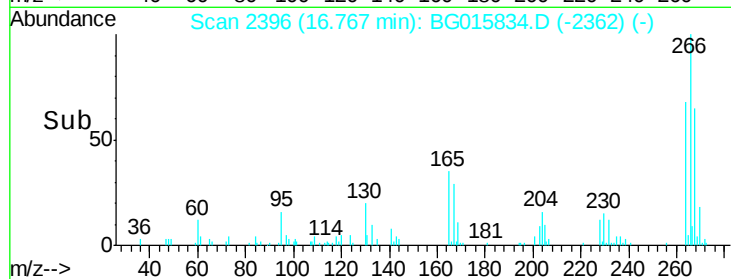
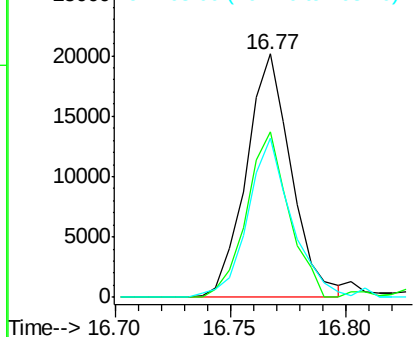


#66
 Pentachlorophenol
 Concen: 19.84 ng/ul
 RT: 16.77 min Scan# 2396
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.2	58.6	87.8
268	69.2	55.4	83.0

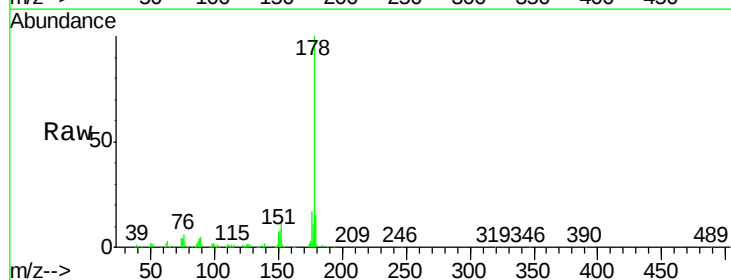


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

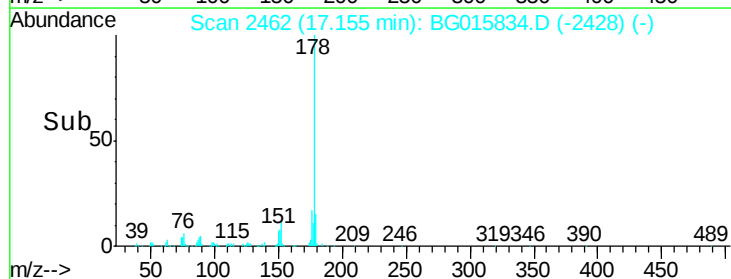
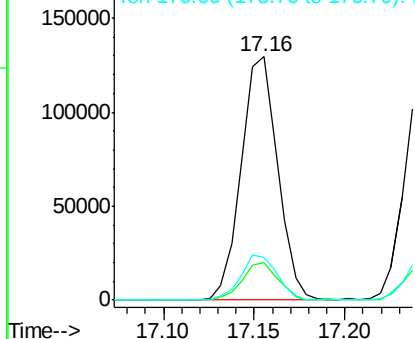


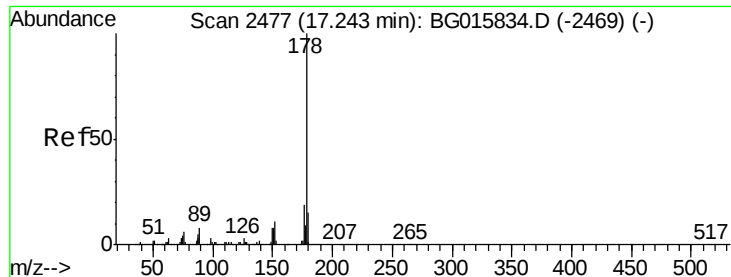
#67
 Phenanthrene
 Concen: 20.11 ng/ul
 RT: 17.16 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	17.5	14.0	21.0



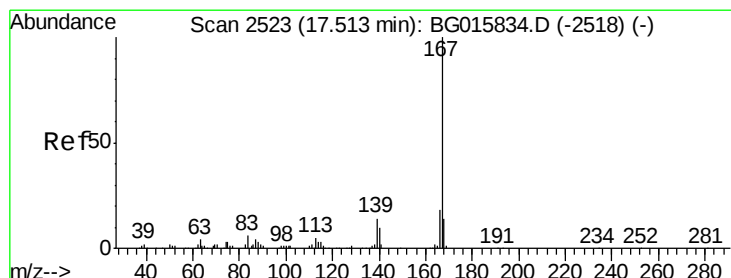
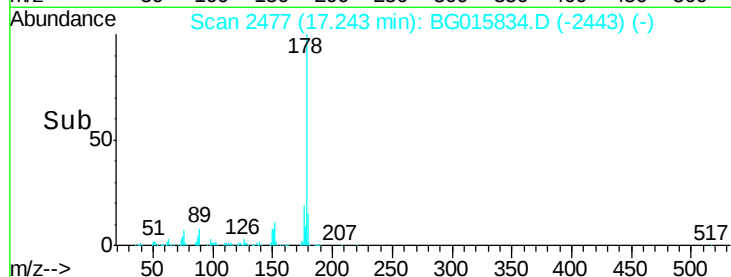
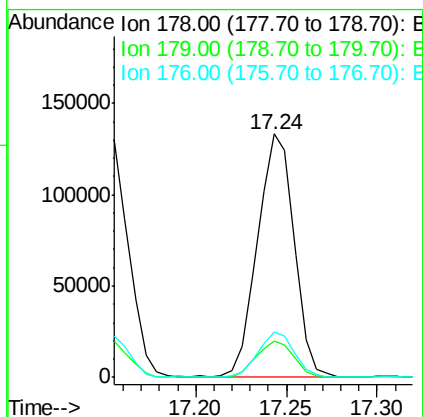
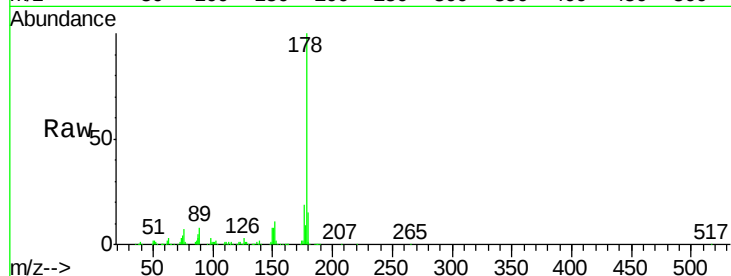
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





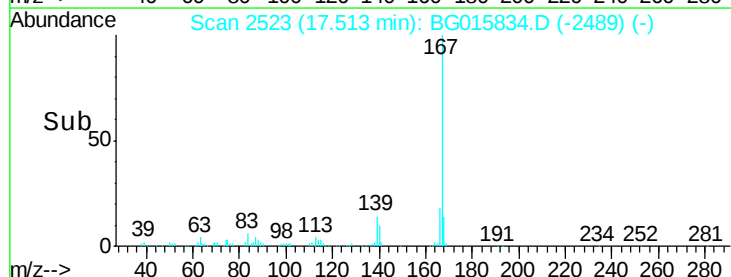
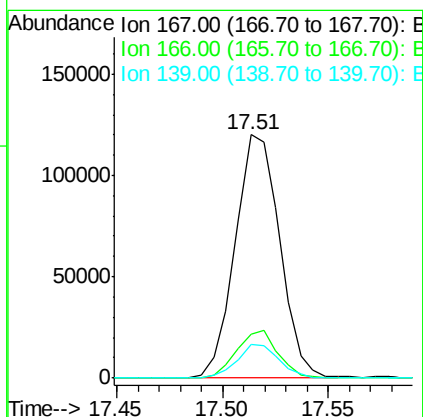
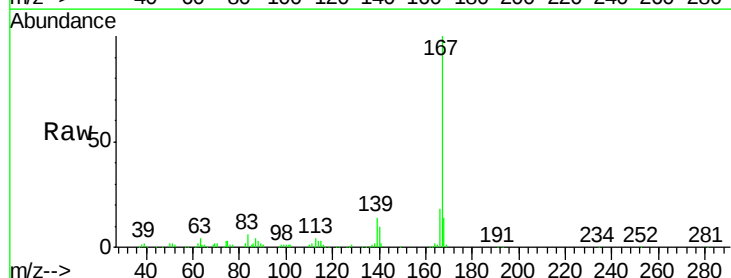
#69
 Anthracene
 Concen: 20.25 ng/ul
 RT: 17.24 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

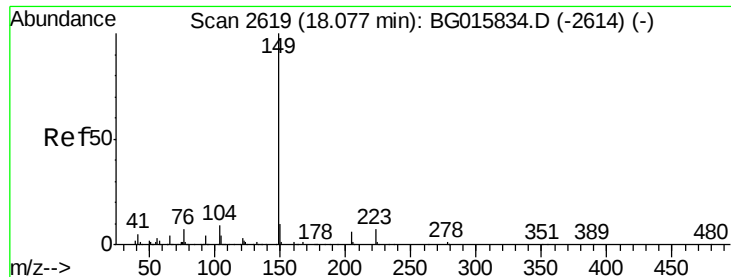
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.8	15.0	22.6



#70
 Carbazole
 Concen: 20.56 ng/ul
 RT: 17.51 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

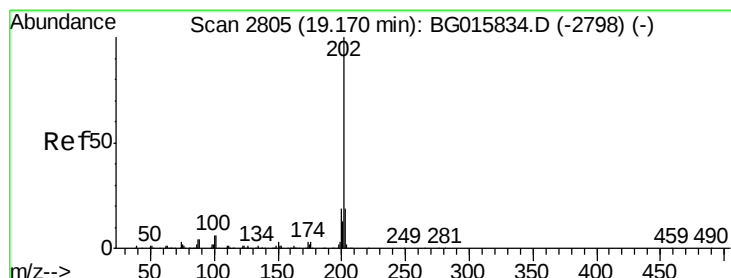
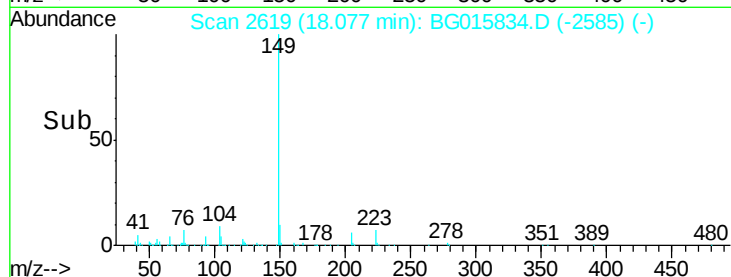
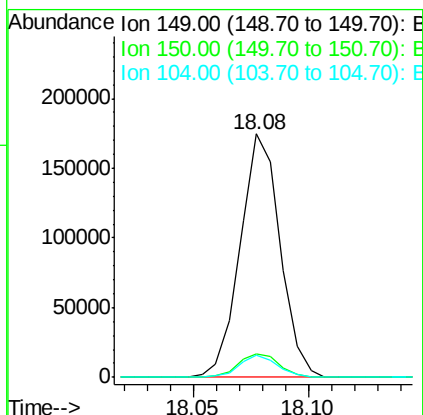
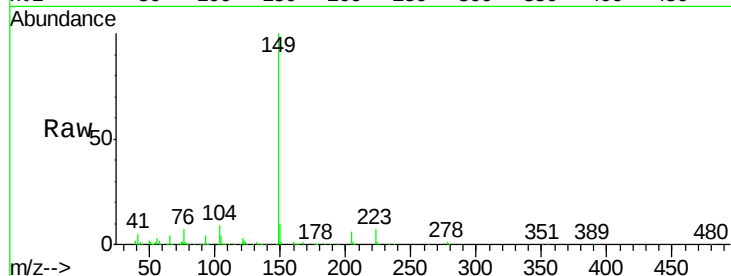
Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.3	14.6	22.0
139	13.7	11.0	16.4





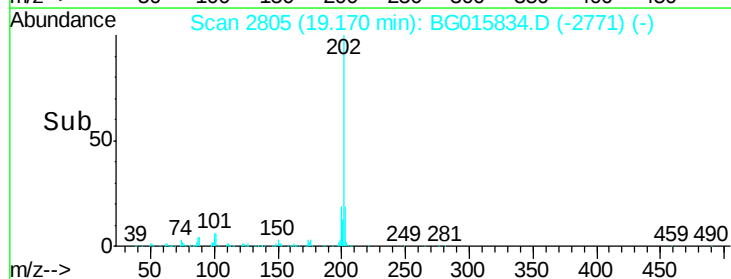
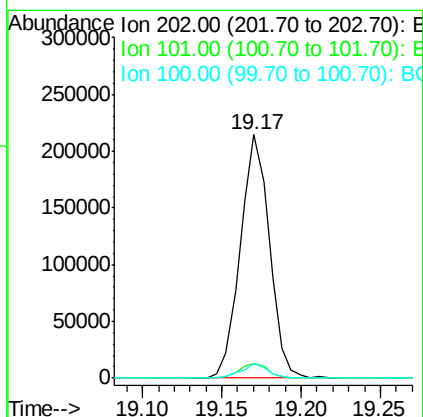
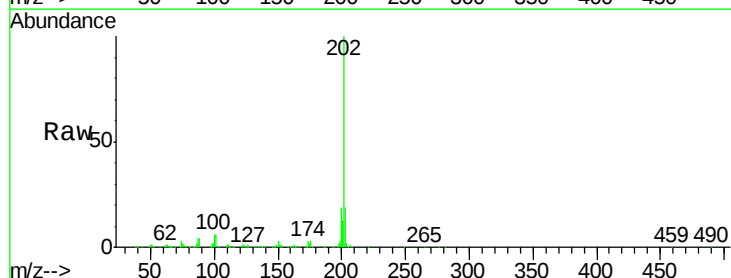
#71
Di-n-butylphthalate
Concen: 21.28 ng/ul
RT: 18.08 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

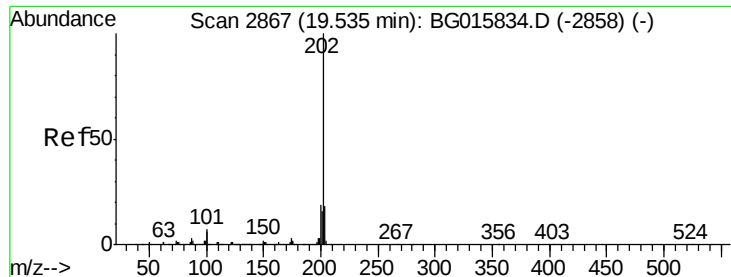
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	8.9	7.1	10.7



#72
Fluoranthene
Concen: 21.95 ng/ul
RT: 19.17 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.7	7.1
100	5.9	4.7	7.1





#75

Pyrene

Concen: 20.31 ng/ul

RT: 19.53 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

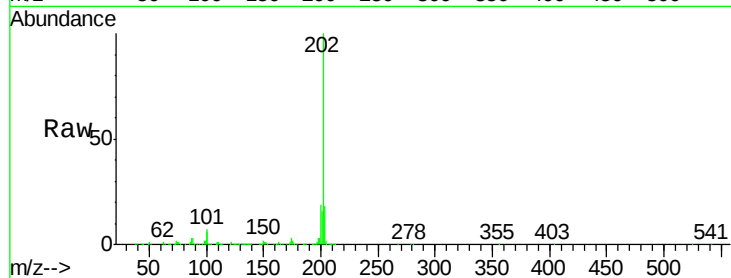
Tgt Ion: 202 Resp: 296683

Ion Ratio Lower Upper

202 100

101 7.1 5.7 8.5

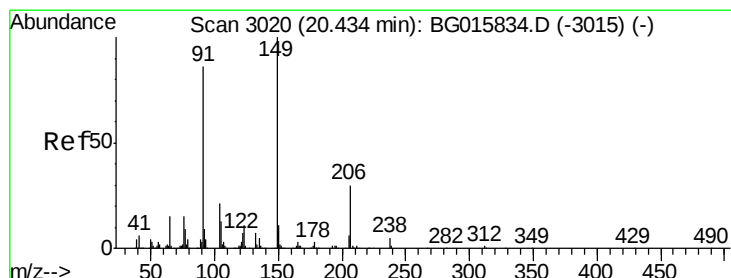
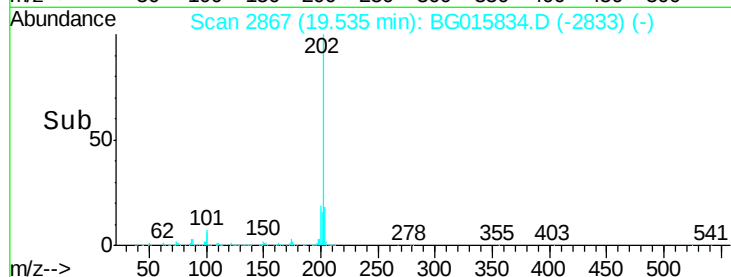
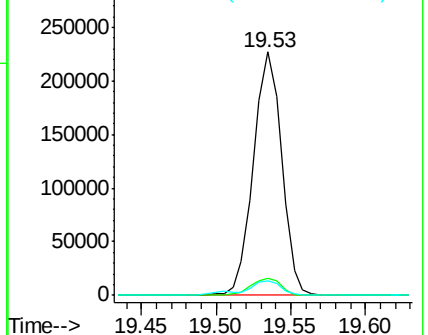
100 5.8 4.6 7.0



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



#76

Butylbenzylphthalate

Concen: 20.17 ng/ul

RT: 20.43 min Scan# 3020

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

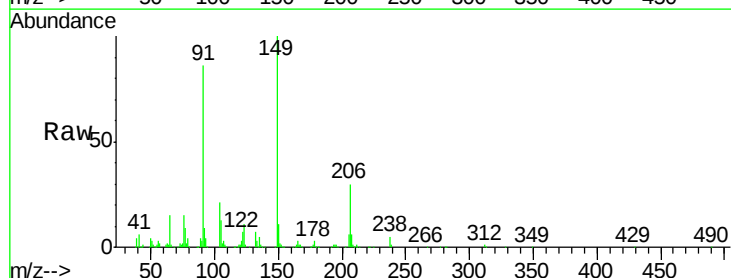
Tgt Ion: 149 Resp: 111291

Ion Ratio Lower Upper

149 100

91 85.7 68.6 102.8

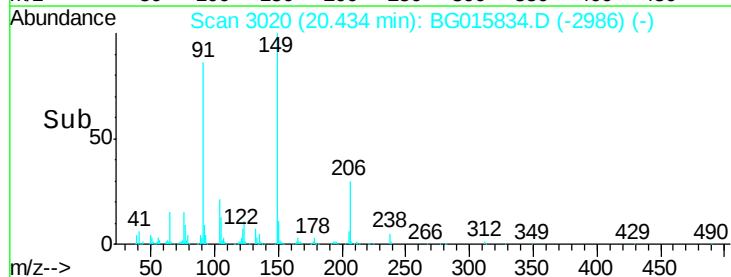
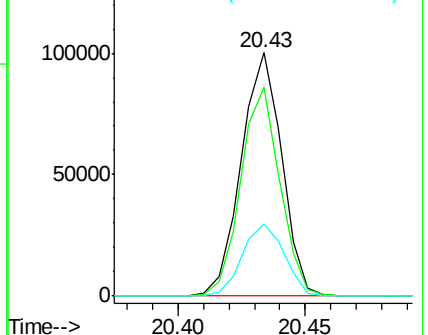
206 29.6 23.7 35.5

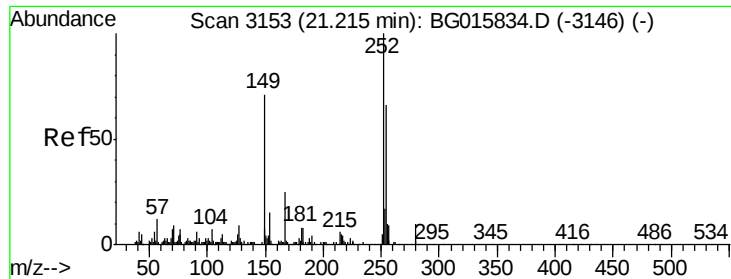


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

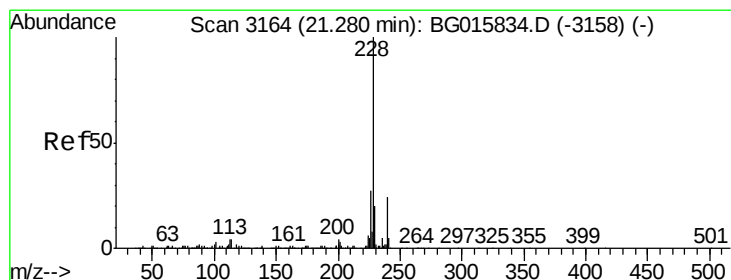
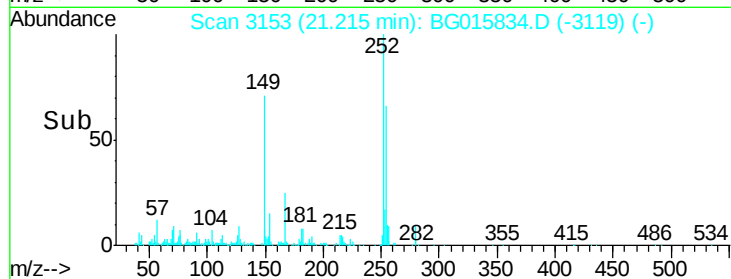
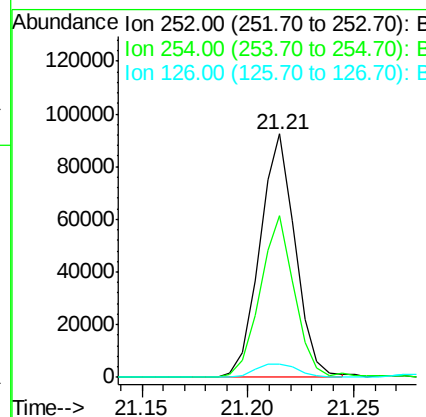
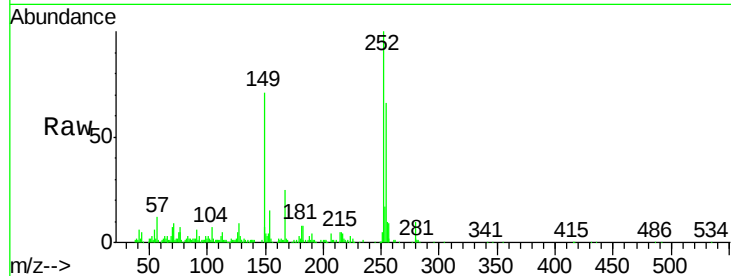
Ion 206.00 (205.70 to 206.70): E





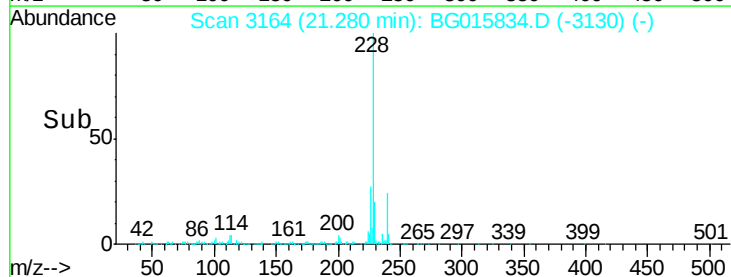
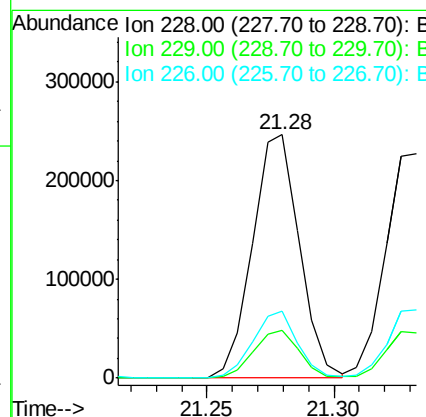
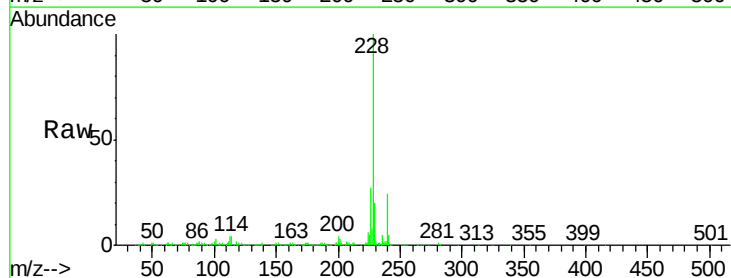
#77
 3,3'-Dichlorobenzidine
 Concen: 21.49 ng/ul
 RT: 21.21 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

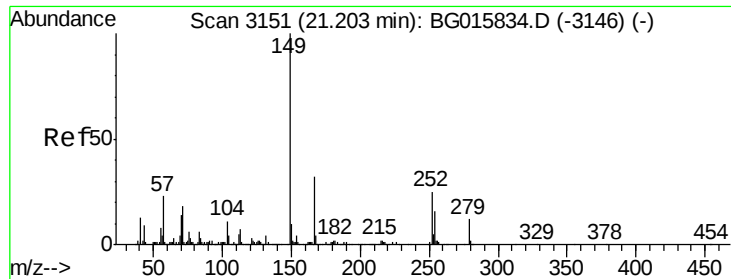
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	53.1	79.7
126	5.4	4.3	6.5



#78
 Benzo(a)anthracene
 Concen: 20.62 ng/ul
 RT: 21.28 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

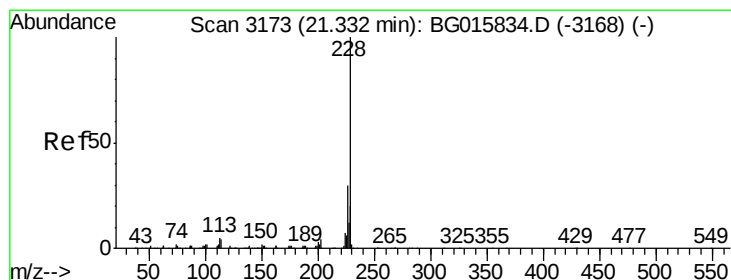
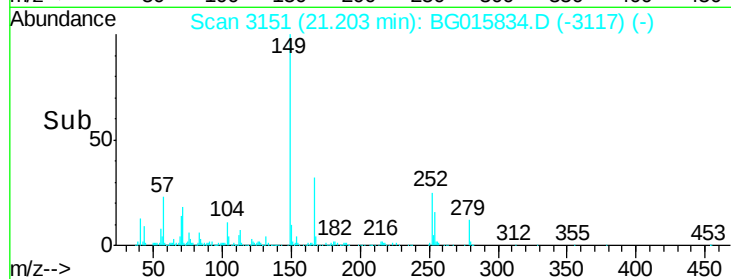
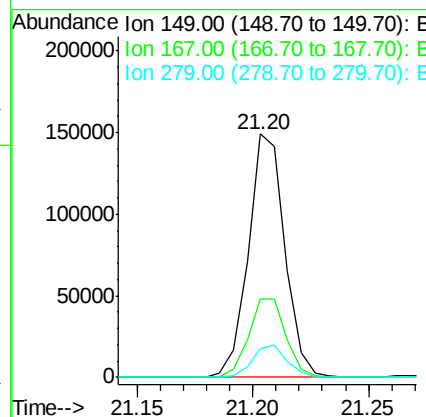
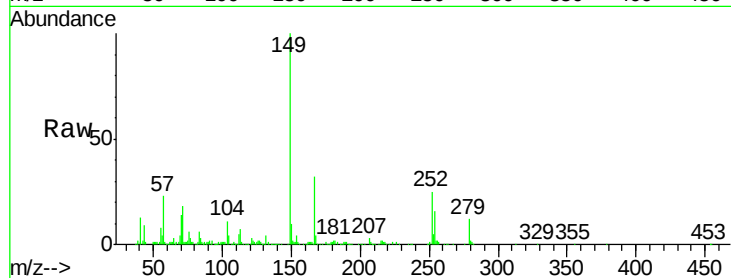
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.4	21.9	32.9





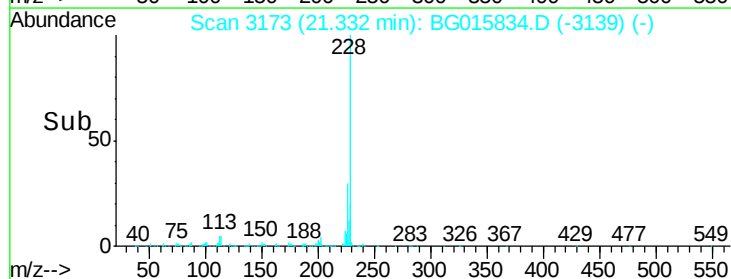
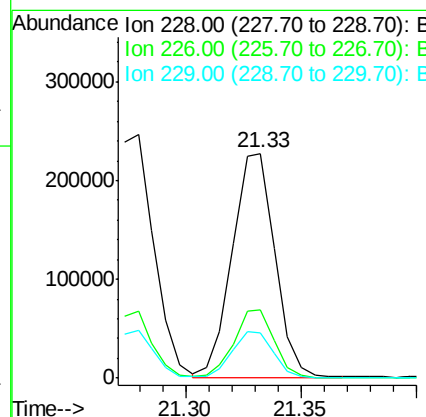
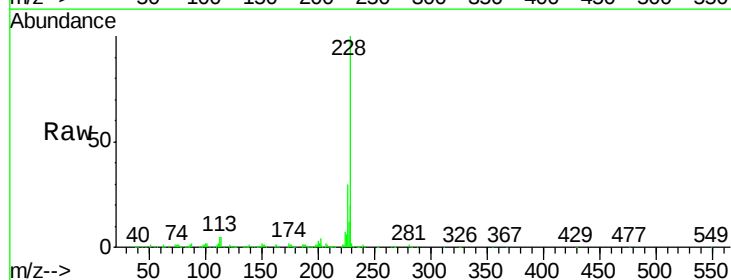
#79
 Bis(2-ethylhexyl)phthalate
 Concen: 21.57 ng/ul
 RT: 21.20 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

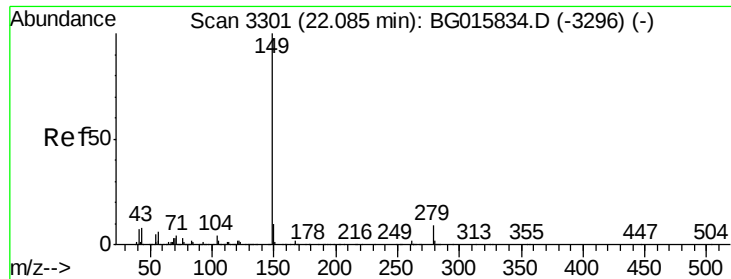
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.6	38.4
279	11.6	9.3	13.9



#80
 Chrysene
 Concen: 20.26 ng/ul
 RT: 21.33 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BG015834.D
 Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.0	16.0	24.0





#82

Di-n-octyl phthalate

Concen: 20.47 ng/ul

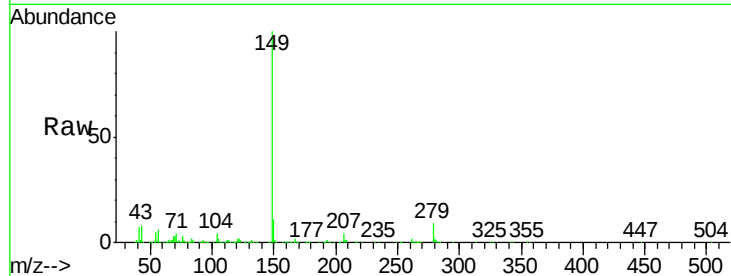
RT: 22.08 min Scan# 3301

Delta R.T. 0.00 min

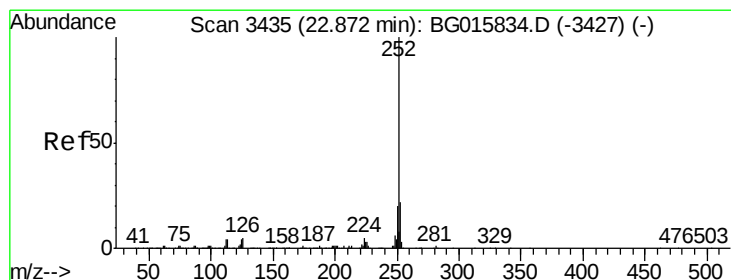
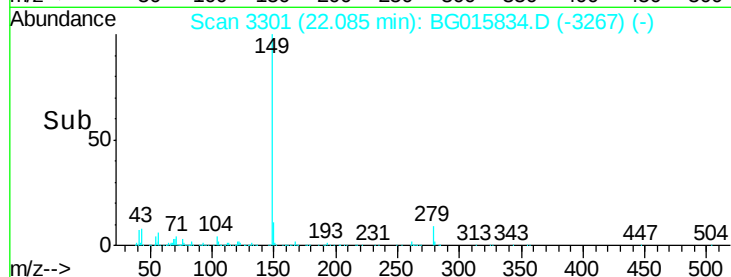
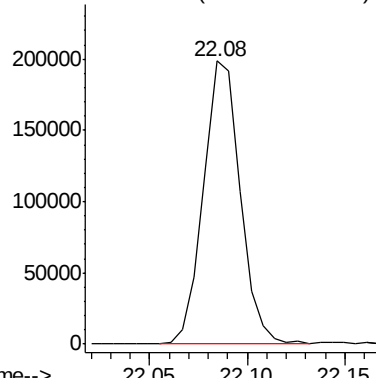
Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

Tgt Ion:149 Resp: 259921



Abundance Ion 149.00 (148.70 to 149.70): E



#83

Benzo(b)fluoranthene

Concen: 19.80 ng/ul

RT: 22.87 min Scan# 3435

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

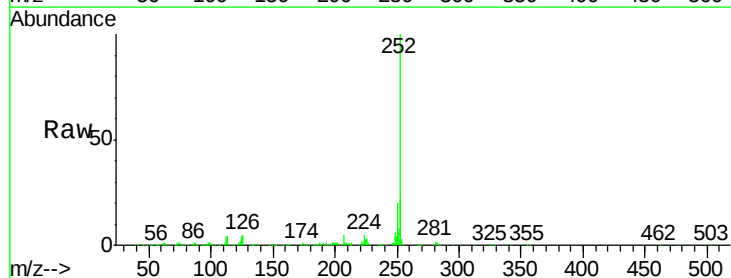
Tgt Ion:252 Resp: 314369

Ion Ratio Lower Upper

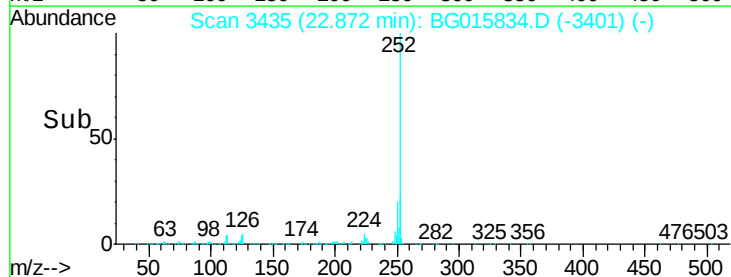
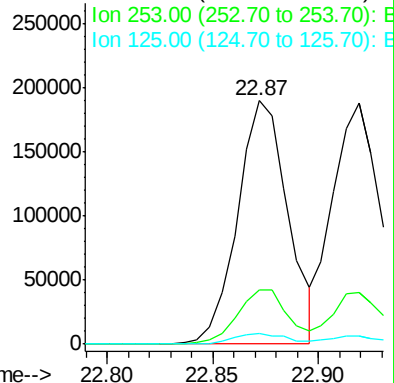
252 100

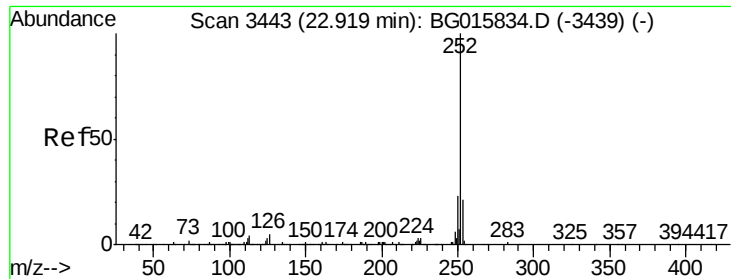
253 22.1 17.7 26.5

125 4.2 3.4 5.0



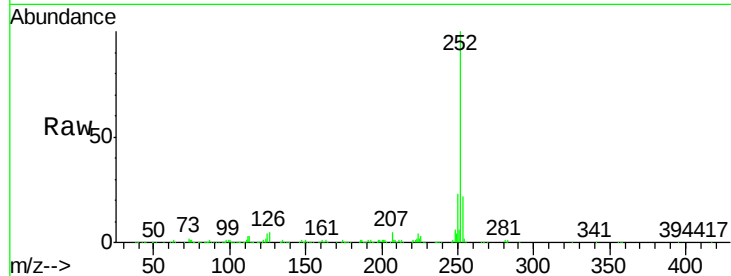
Abundance Ion 252.00 (251.70 to 252.70): E



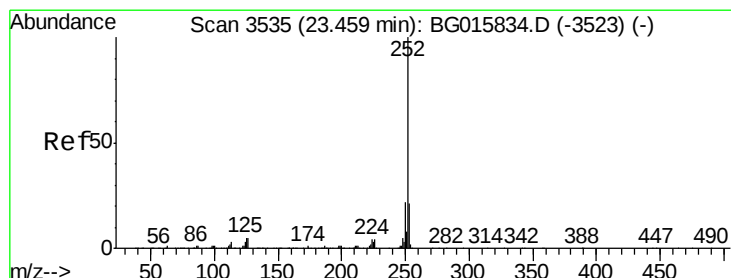
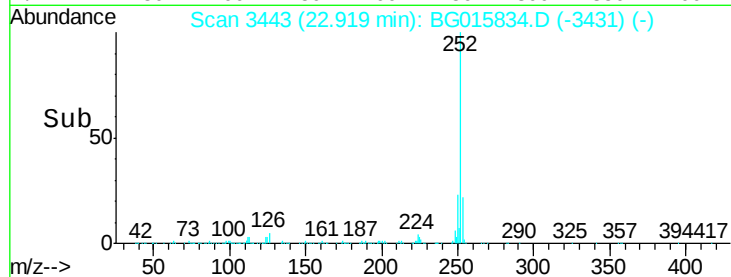
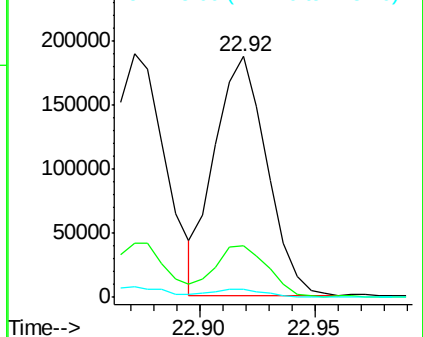


#84
Benzo(k)fluoranthene
Concen: 19.64 ng/ul
RT: 22.92 min Scan# 3443
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	3.6	2.9	4.3

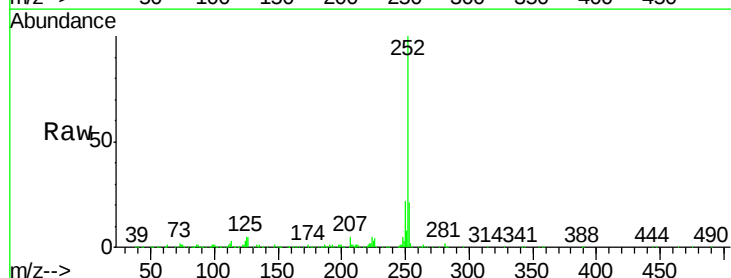


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

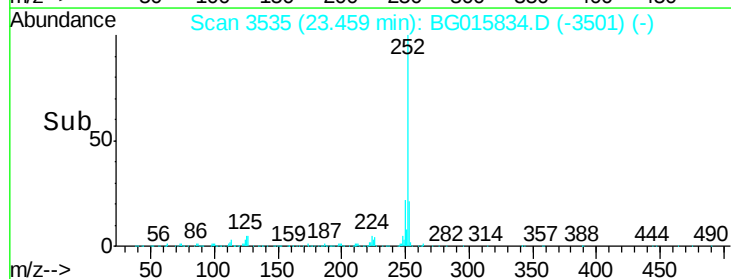
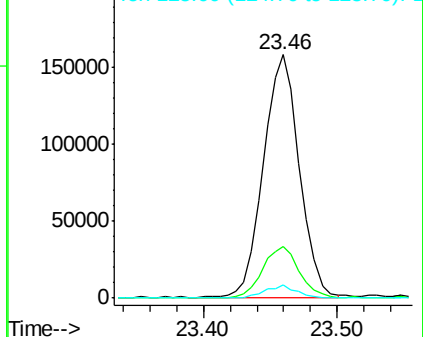


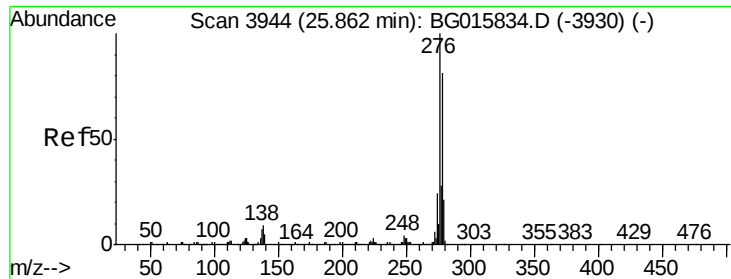
#86
Benzo(a)pyrene
Concen: 19.58 ng/ul
RT: 23.46 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	5.3	4.2	6.4



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

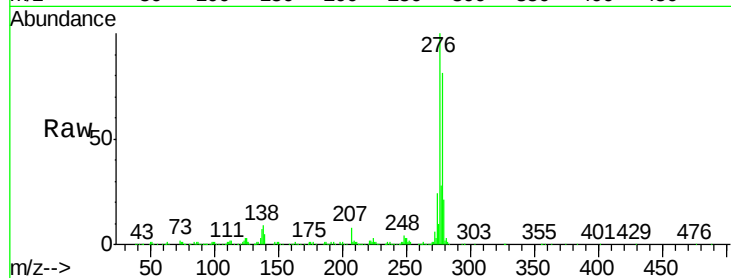




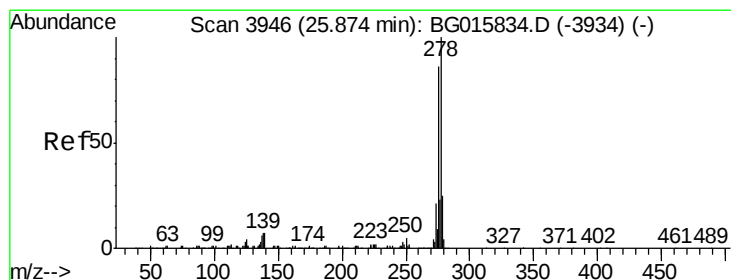
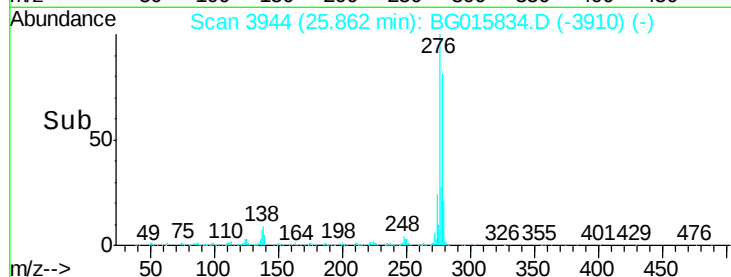
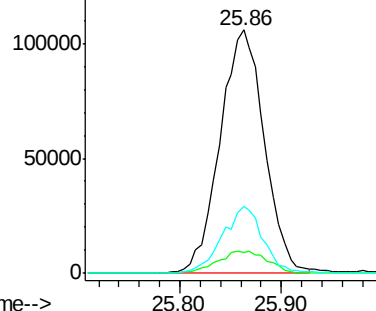
#87

Indeno(1,2,3-cd)pyrene
Concen: 19.44 ng/ul
RT: 25.86 min Scan# 3944
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	7.0	10.6
277	27.5	22.0	33.0



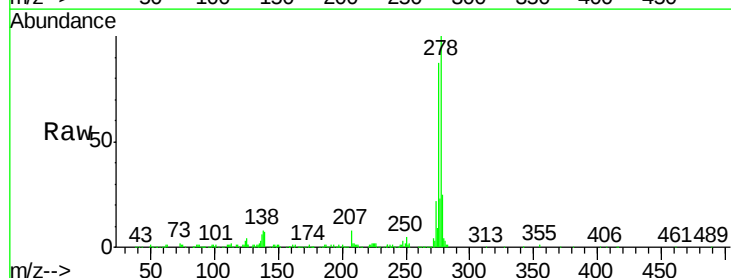
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



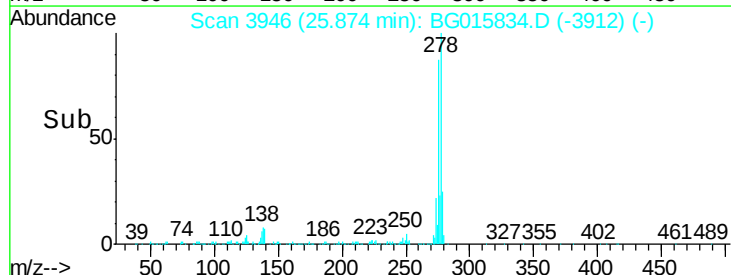
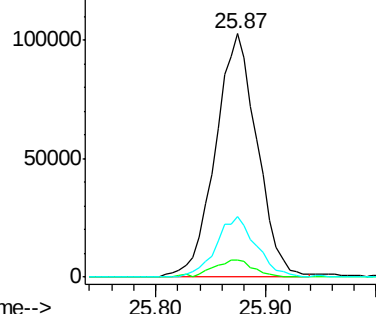
#88

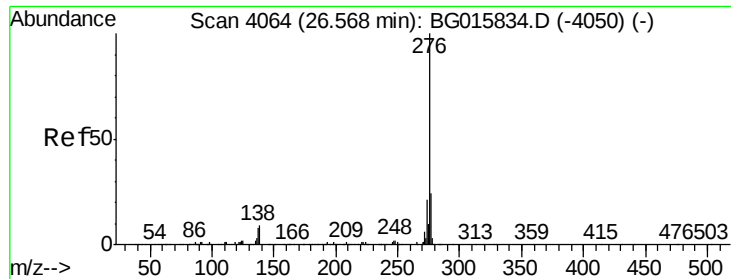
Dibenzo(a,h)anthracene
Concen: 19.00 ng/ul
RT: 25.87 min Scan# 3946
Delta R.T. 0.00 min
Lab File: BG015834.D
Acq: 31 Dec 2014 21:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.8	5.4	8.2
279	24.8	19.8	29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#89

Benzo(g,h,i)perylene

Concen: 19.80 ng/ul

RT: 26.57 min Scan# 4064

Delta R.T. 0.00 min

Lab File: BG015834.D

Acq: 31 Dec 2014 21:21

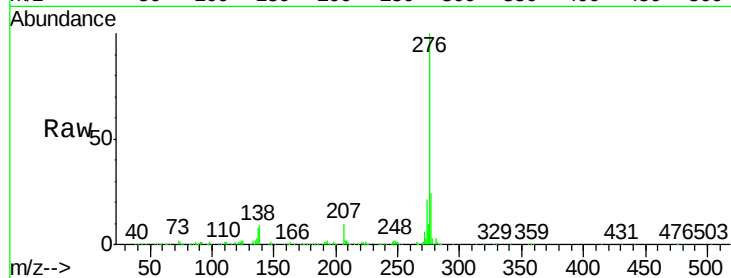
Tgt Ion: 276 Resp: 273114

Ion Ratio Lower Upper

276 100

138 8.6 6.9 10.3

277 24.3 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

