

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038140.D
 Acq On : 26 Nov 2018 18:06
 Operator : JU/SJ
 Sample : J6031-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Quant Time: Nov 27 06:53:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45272	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193754	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	118256	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	266286	20.00	ng	0.00
76) Chrysene-d12	21.76	240	234921	20.00	ng	0.00
87) Perylene-d12	25.09	264	250927	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	141366	53.91	ng	0.00
7) Phenol-d6	7.23	99	124058	33.15	ng	0.00
23) Nitrobenzene-d5	9.26	82	278887	77.05	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	137403	101.88	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	596850	73.53	ng	0.00
79) Terphenyl-d14	20.07	244	839341	84.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	17687	14.281	ng	94
3) Pyridine	3.93	79	38084	10.780	ng	97
4) n-Nitrosodimethylamine	3.85	42	23649	18.451	ng	# 98
6) Aniline	7.41	93	109061	22.577	ng	97
8) 2-Chlorophenol	7.65	128	106408	34.974	ng	99
9) Benzaldehyde	7.23	77	58554	21.633	ng	97
10) Phenol	7.26	94	57764	14.570	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	124544	38.480	ng	98
12) 1,3-Dichlorobenzene	7.97	146	130913	37.350	ng	99
13) 1,4-Dichlorobenzene	8.12	146	132486	37.419	ng	97
14) 1,2-Dichlorobenzene	8.44	146	126781	37.505	ng	98
15) Benzyl Alcohol	8.32	79	68532	25.304	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	256558	42.689	ng	97
17) 2-Methylphenol	8.52	107	78662	29.348	ng	98
18) Hexachloroethane	9.17	117	49216	38.194	ng	92
19) n-Nitroso-di-n-propylamine	8.89	70	104748	38.677	ng	99
20) 3+4-Methylphenols	8.85	107	93185	24.525	ng	96
22) Acetophenone	8.92	105	196774	40.818	ng	# 96
24) Nitrobenzene	9.31	77	157161	42.446	ng	98
25) Isophorone	9.82	82	294808	45.252	ng	97
26) 2-Nitrophenol	10.02	139	69976	37.857	ng	95
27) 2,4-Dimethylphenol	10.06	122	115295	41.398	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	180276	43.275	ng	99
29) 2,4-Dichlorophenol	10.55	162	123062	39.284	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	138848	39.554	ng	99
31) Naphthalene	10.96	128	410120	43.036	ng	100
32) Benzoic acid	10.15	122	17678	19.658	ng	# 85
33) 4-Chloroaniline	11.07	127	123965	27.965	ng	99
34) Hexachlorobutadiene	11.22	225	82461	38.168	ng	96
35) Caprolactam	11.86	113	6906	5.508	ng	98
36) 4-Chloro-3-methylphenol	12.17	107	124703	36.437	ng	99
37) 2-Methylnaphthalene	12.55	142	307152	44.871	ng	98
38) 1-Methylnaphthalene	12.77	142	296002	44.923	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	157339	39.817	ng	99

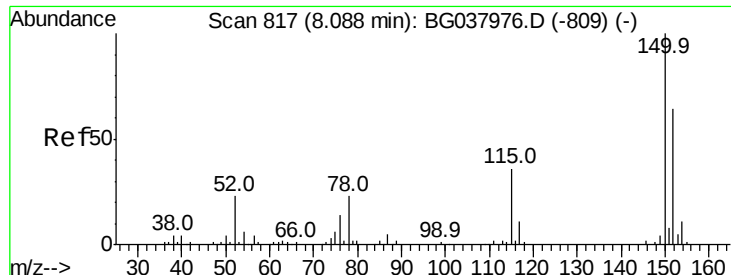
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	180768	85.430	nq	97
43) 2,4,6-Trichlorophenol	13.15	196	105751	39.273	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	111210	39.251	nq	96
46) 1,1'-Biphenyl	13.56	154	392964	39.554	nq	99
47) 2-Chloronaphthalene	13.61	162	308594	40.706	nq	99
48) 2-Nitroaniline	13.82	65	104996	44.005	nq	97
49) Acenaphthylene	14.45	152	505927	44.378	nq	100
50) Dimethylphthalate	14.17	163	394134	42.041	nq	99
51) 2,6-Dinitrotoluene	14.31	165	90050	42.440	nq	99
52) Acenaphthene	14.79	154	291457	42.466	nq	97
53) 3-Nitroaniline	14.64	138	74472	31.807	nq	98
54) 2,4-Dinitrophenol	14.84	184	86202	75.824	nq	90
55) Dibenzofuran	15.12	168	474024	41.769	nq	99
56) 4-Nitrophenol	14.93	139	45884	25.410	nq	93
57) 2,4-Dinitrotoluene	15.09	165	125032	43.310	nq	# 98
58) Fluorene	15.77	166	374462	44.224	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	98560	41.573	nq	98
60) Diethylphthalate	15.53	149	404606	40.633	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	194121	39.180	nq	99
62) 4-Nitroaniline	15.80	138	89696	38.564	nq	95
63) Azobenzene	16.05	77	376019	42.234	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	63231	37.542	nq	94
66) n-Nitrosodiphenylamine	15.97	169	335044	41.590	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	119712	40.959	nq	96
68) Hexachlorobenzene	16.77	284	122254	40.524	nq	98
69) Atrazine	16.91	200	119233	40.150	nq	98
70) Pentachlorophenol	17.11	266	138124	67.413	nq	96
71) Phenanthrene	17.51	178	602237	44.173	nq	99
72) Anthracene	17.61	178	615422	45.794	nq	99
73) Carbazole	17.88	167	553273	41.034	nq	99
74) Di-n-butylphthalate	18.41	149	665905	43.996	nq	99
75) Fluoranthene	19.52	202	690743	44.407	nq	99
77) Benzidine	19.70	184	65039	7.890	nq	99
78) Pyrene	19.89	202	699122	45.518	nq	98
80) Butylbenzylphthalate	20.75	149	303446	45.177	nq	99
81) Benzo(a)anthracene	21.74	228	650298	45.807	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	168860	30.535	nq	98
83) Chrysene	21.81	228	610206	44.924	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	431528	45.050	nq	100
85) Di-n-octyl phthalate	22.85	149	736981	47.557	nq	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	687158	45.550	nq	# 97
88) Benzo(b)fluoranthene	24.02	252	633267	45.860	nq	99
89) Benzo(k)fluoranthene	24.09	252	624170	45.808	nq	98
90) Benzo(a)pyrene	24.93	252	621090	47.064	nq	100
91) Dibenzo(a,h)anthracene	28.97	278	577320	45.467	nq	98
92) Benzo(g,h,i)perylene	30.11	276	579375	45.890	nq	98

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

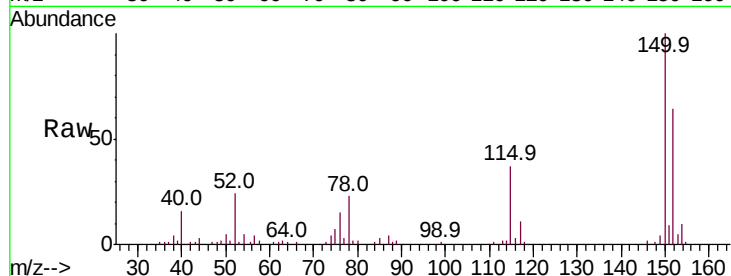


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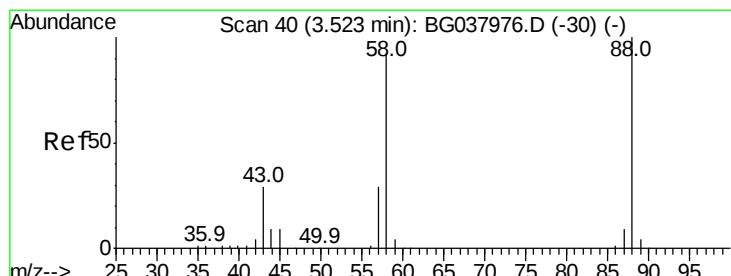
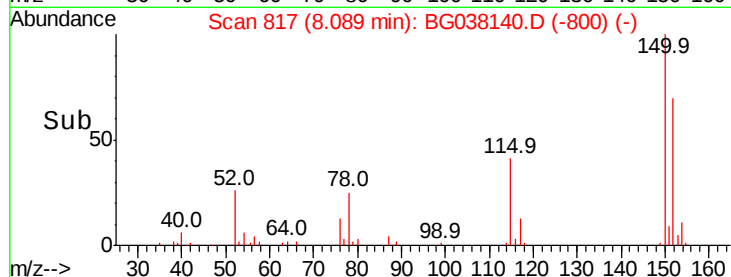
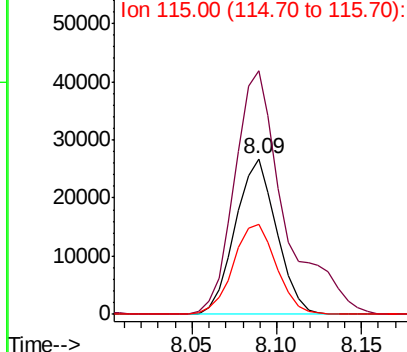
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion:152 Resp: 45272
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 58.1 45.5 68.3



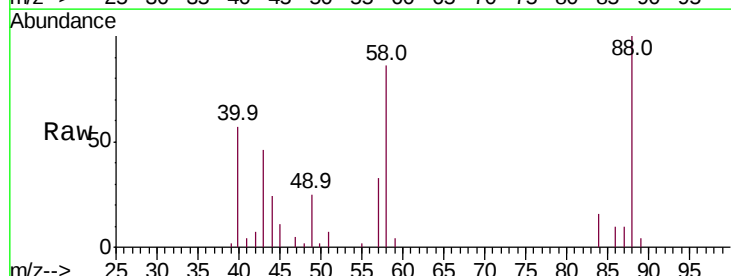
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



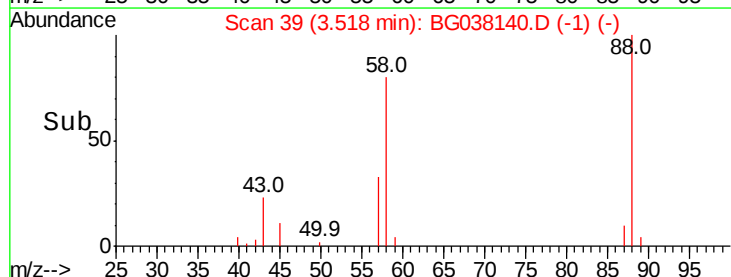
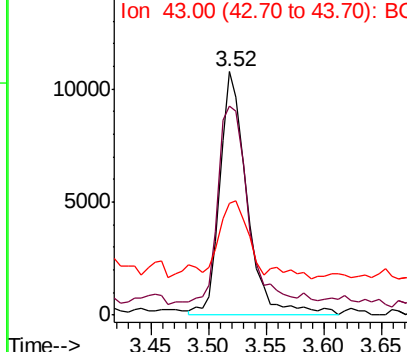
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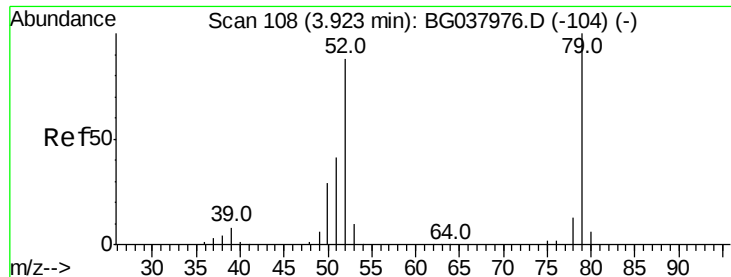
1,4-Dioxane
Concen: 14.281 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion: 88 Resp: 17687
Ion Ratio Lower Upper
88 100
58 86.4 74.4 111.6
43 31.0 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.780 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

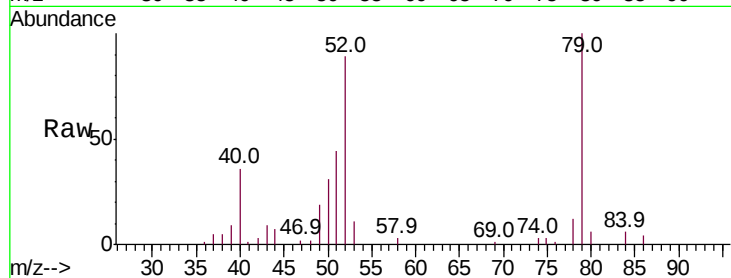
Tot Ion: 79 Resp: 38084

Ion Ratio Lower Upper

79 100

52 88.9 74.2 111.2

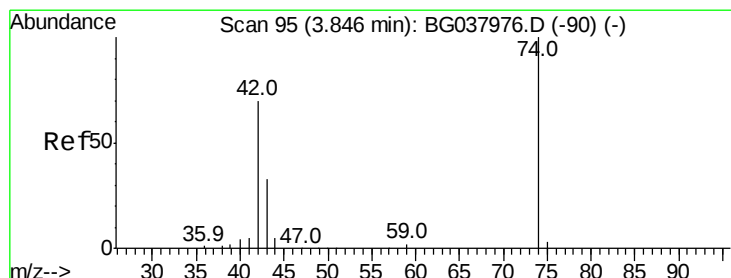
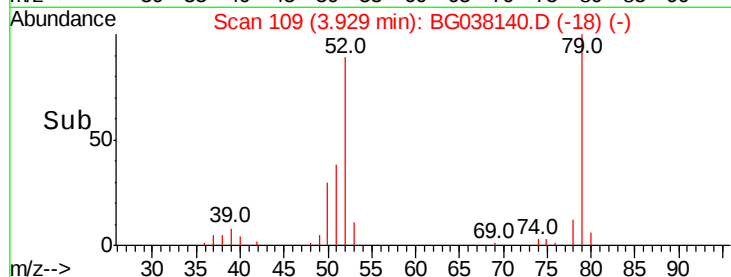
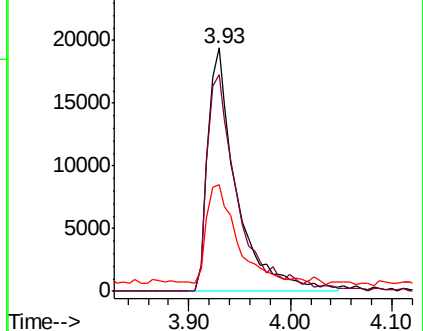
51 44.0 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 18.451 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

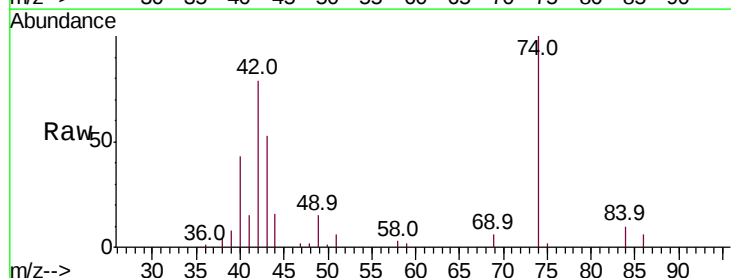
Tgt Ion: 42 Resp: 23649

Ion Ratio Lower Upper

42 100

74 127.3 102.0 153.0

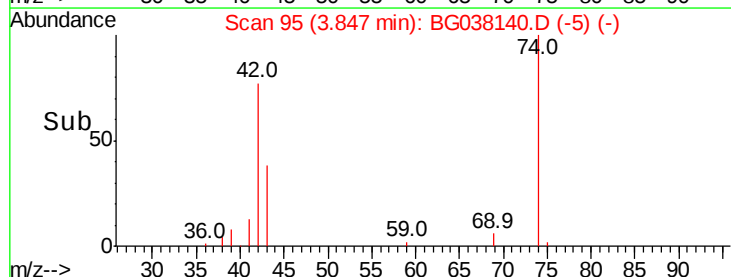
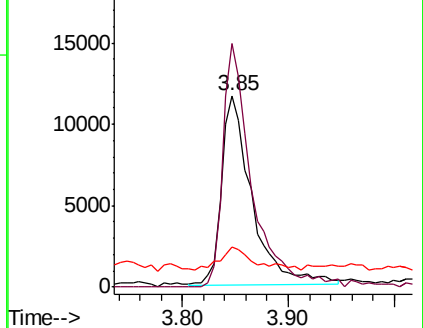
44 20.7 9.6 14.4#

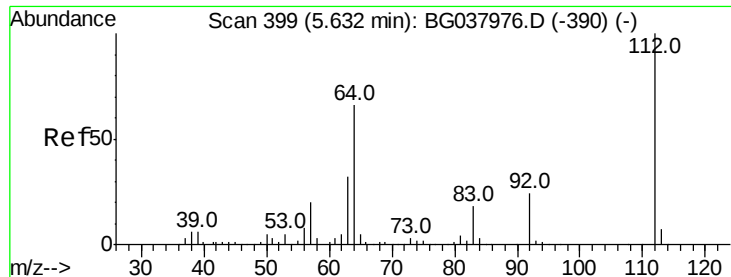


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 53.914 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

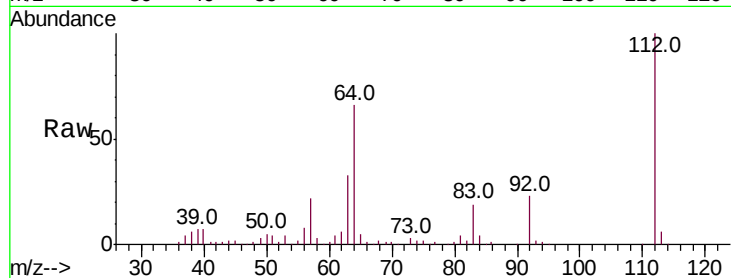
Tot Ion:112 Resp: 141366

Ion Ratio Lower Upper

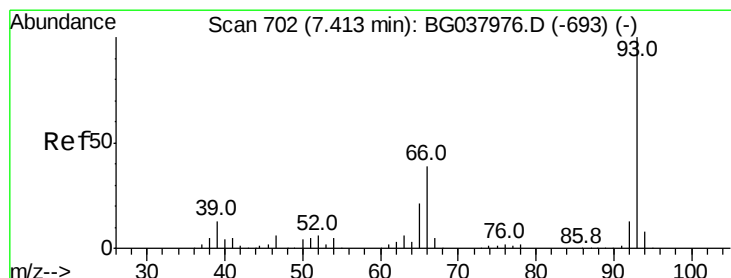
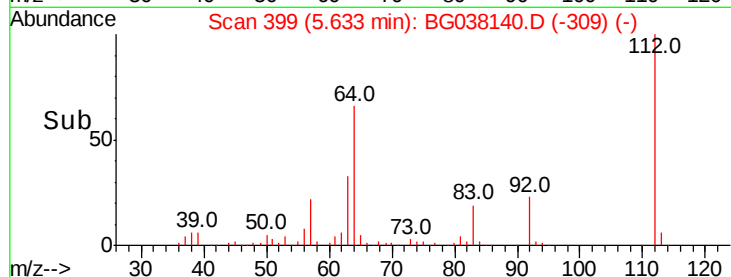
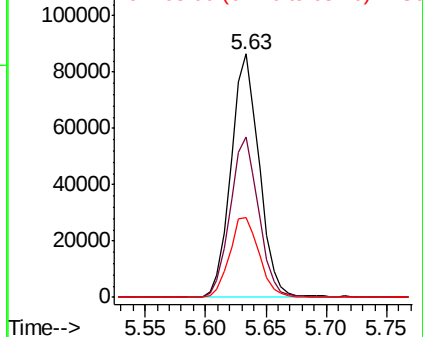
112 100

64 65.6 53.1 79.7

63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.577 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

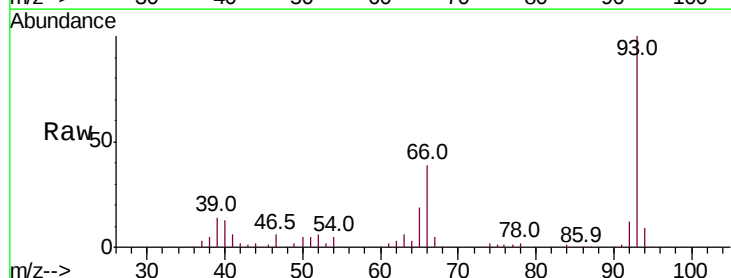
Tgt Ion: 93 Resp: 109061

Ion Ratio Lower Upper

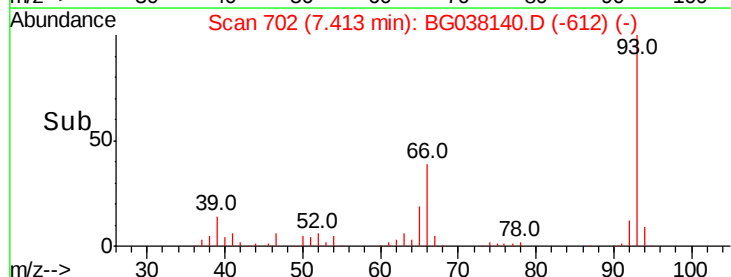
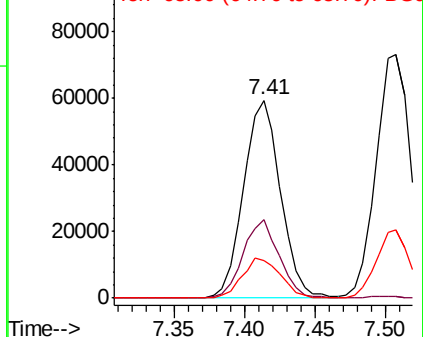
93 100

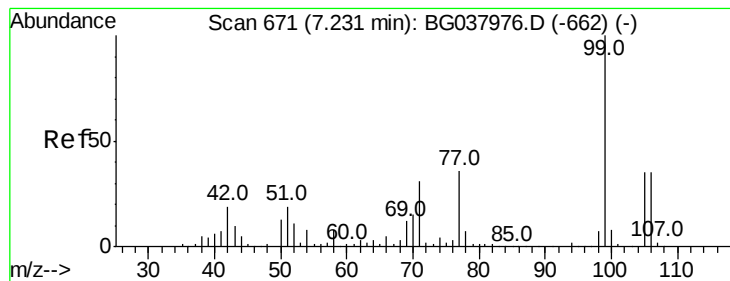
66 39.5 32.8 49.2

65 19.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 33.145 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

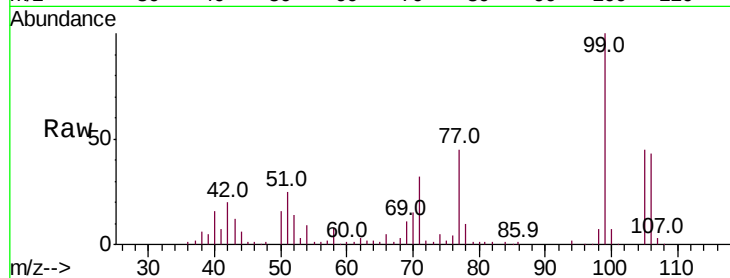
Tot Ion: 99 Resp: 124058

Ion Ratio Lower Upper

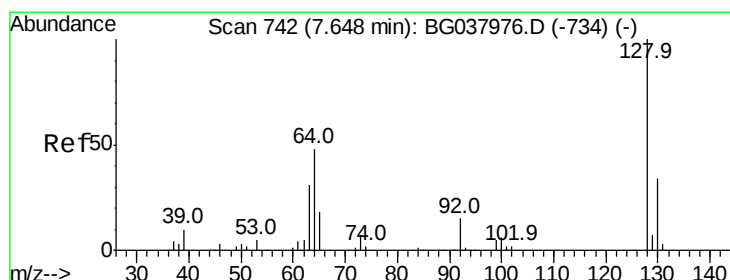
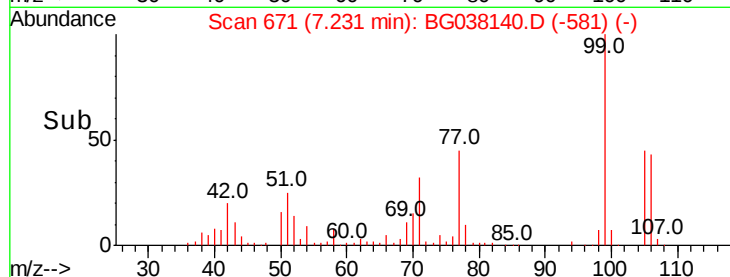
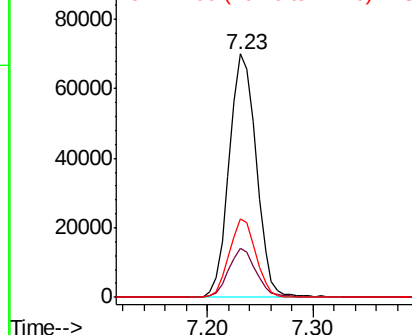
99 100

42 19.9 15.0 22.4

71 32.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 34.974 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

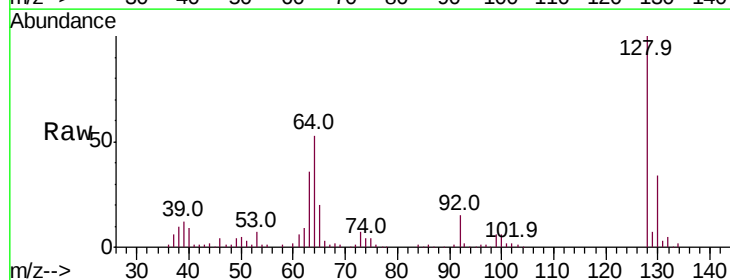
Tgt Ion: 128 Resp: 106408

Ion Ratio Lower Upper

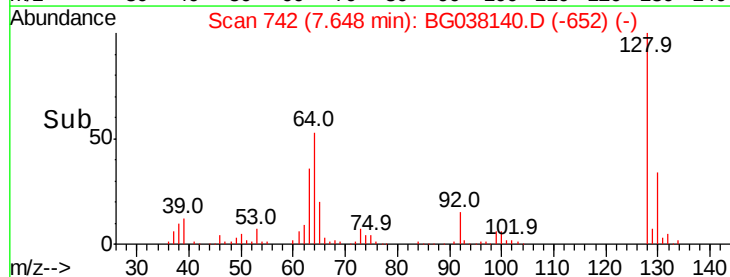
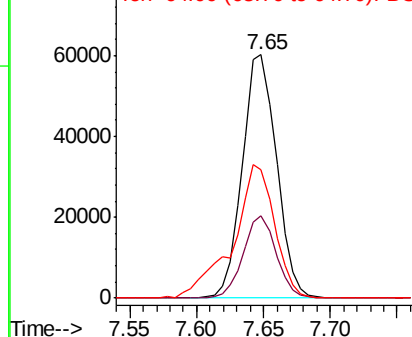
128 100

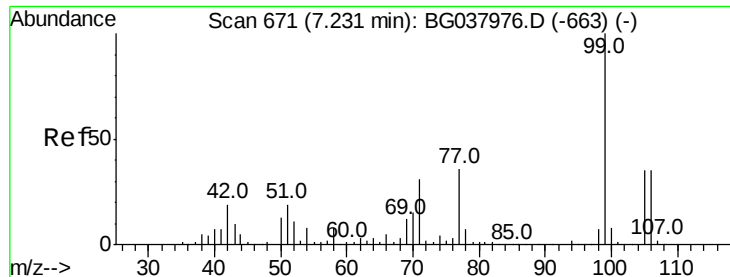
130 33.7 12.0 52.0

64 52.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 21.633 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

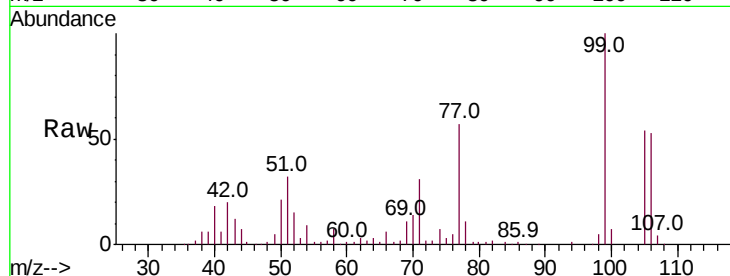
Tot Ion: 77 Resp: 58554

Ion Ratio Lower Upper

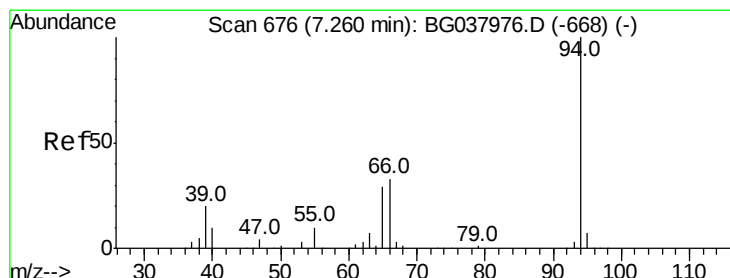
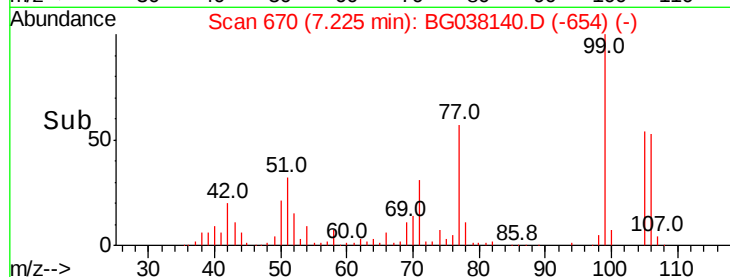
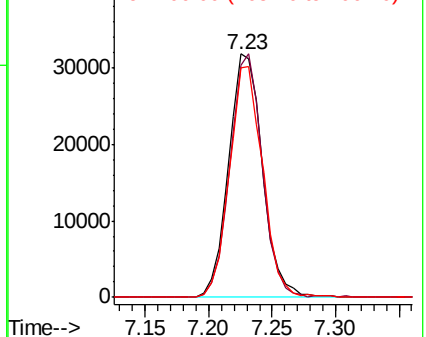
77 100

105 95.3 72.6 112.6

106 94.1 71.3 111.3



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



#10

Phenol

Concen: 14.570 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

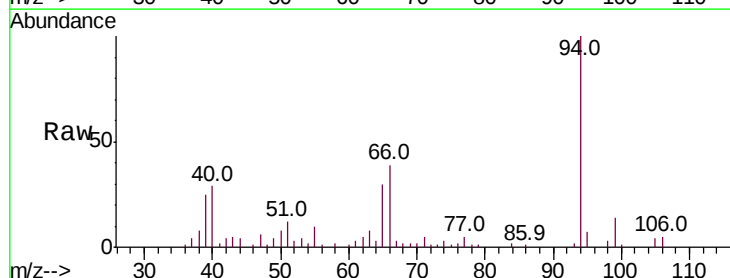
Tgt Ion: 94 Resp: 57764

Ion Ratio Lower Upper

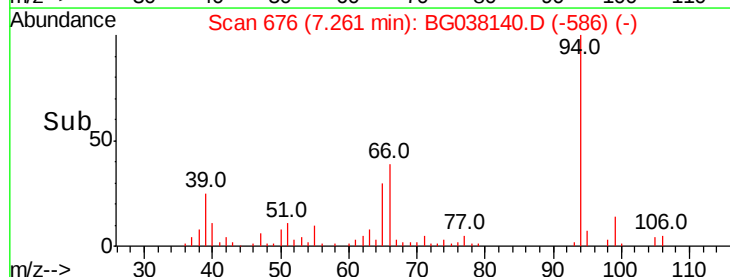
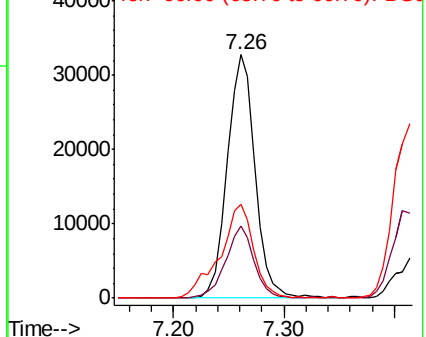
94 100

65 29.6 9.7 49.7

66 38.8 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 38.480 ng

RT: 7.51 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

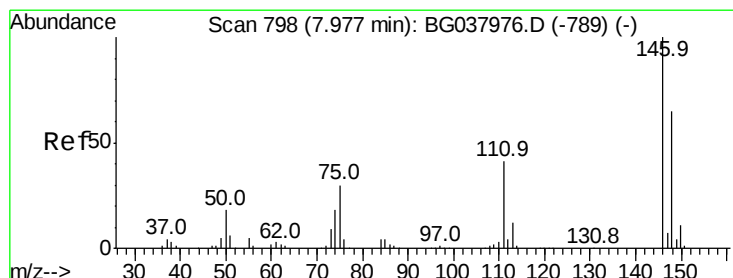
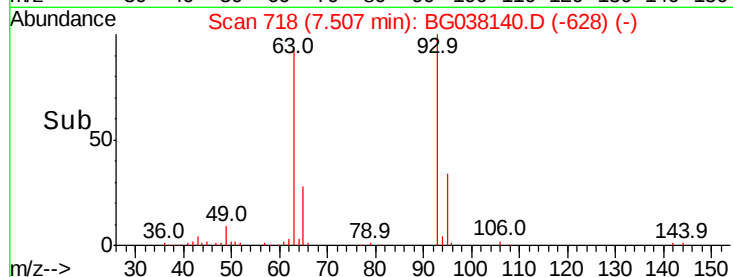
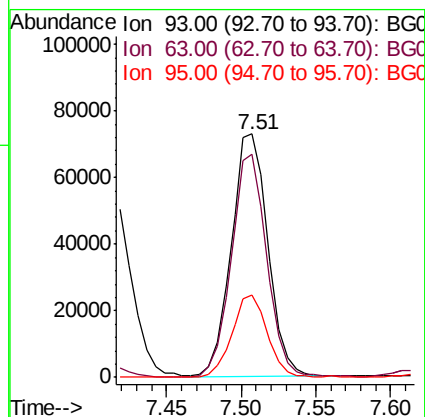
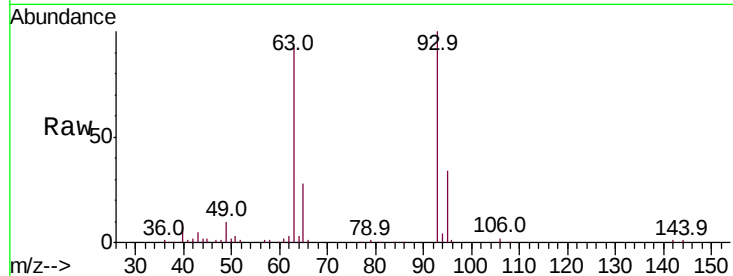
Tot Ion: 93 Resp: 124544

Ion Ratio Lower Upper

93 100

63 91.7 69.5 109.5

95 34.0 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 37.350 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

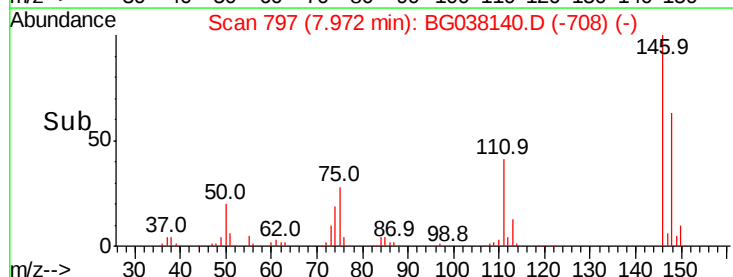
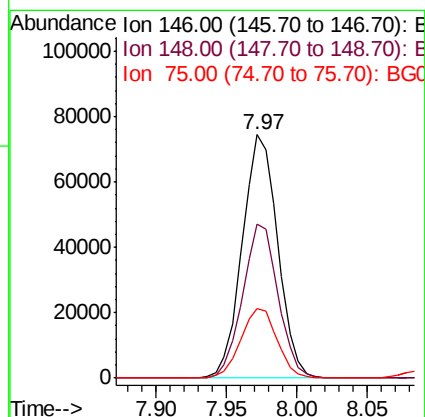
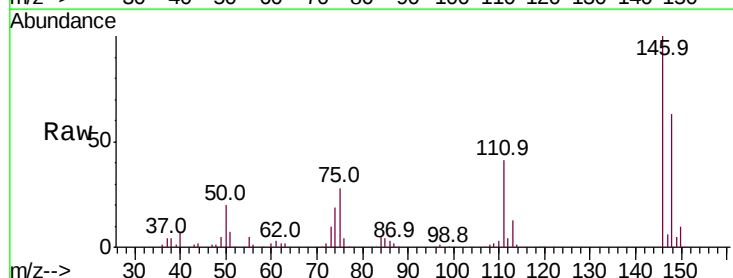
Tgt Ion: 146 Resp: 130913

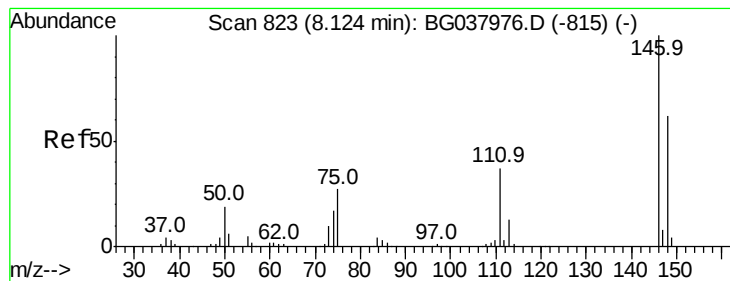
Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.8

75 28.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.419 ng

RT: 8.12 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

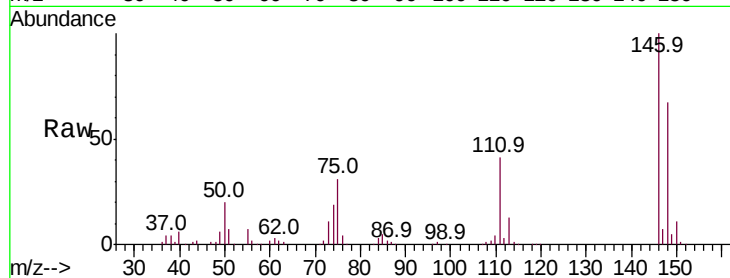
Tot Ion:146 Resp: 132486

Ion Ratio Lower Upper

146 100

148 66.8 51.0 76.6

111 40.8 32.4 48.6

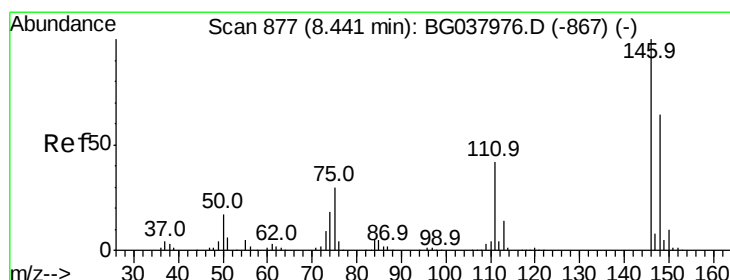
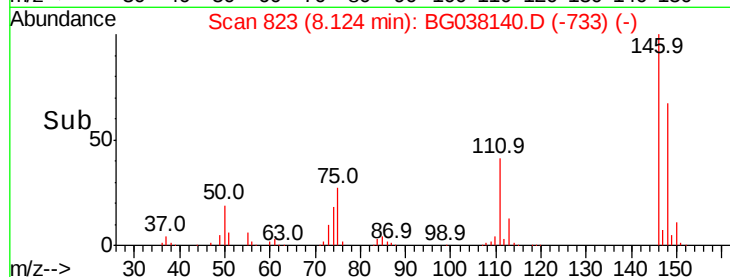
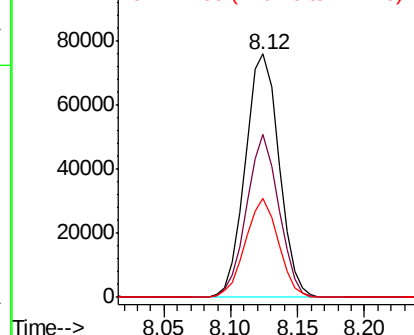


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.505 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

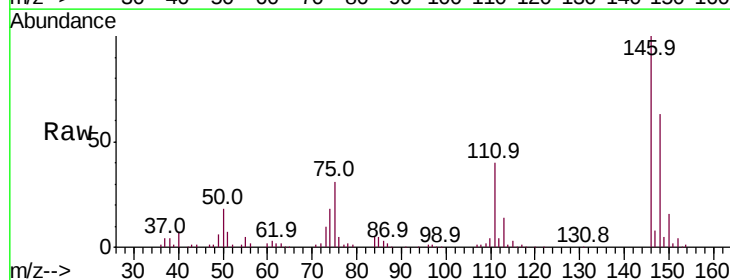
Tgt Ion:146 Resp: 126781

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

111 40.5 34.6 51.8

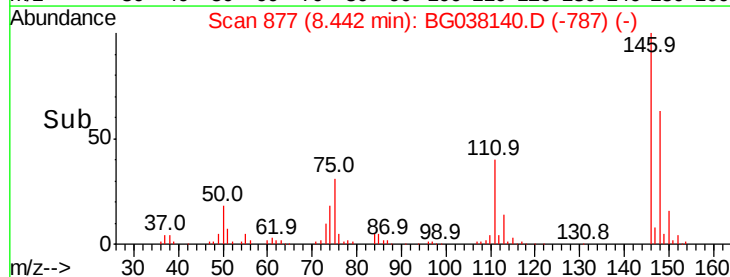
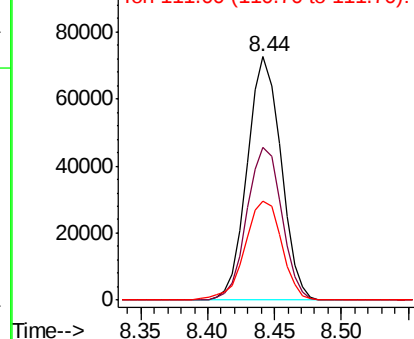


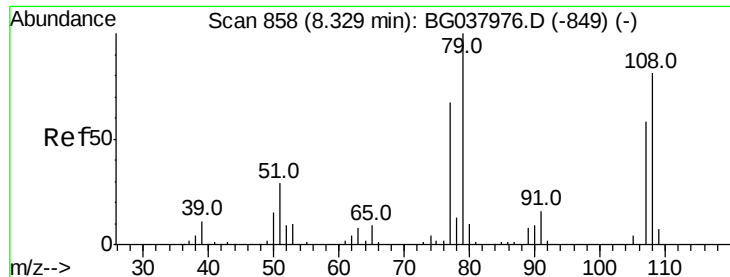
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.304 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

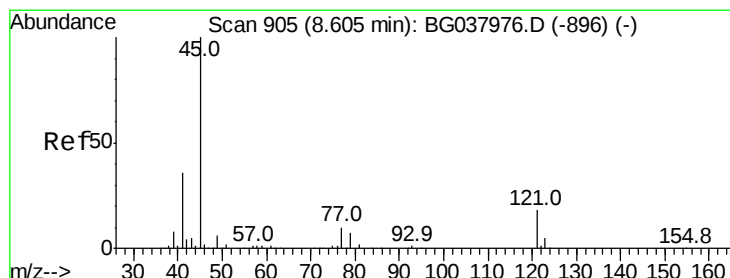
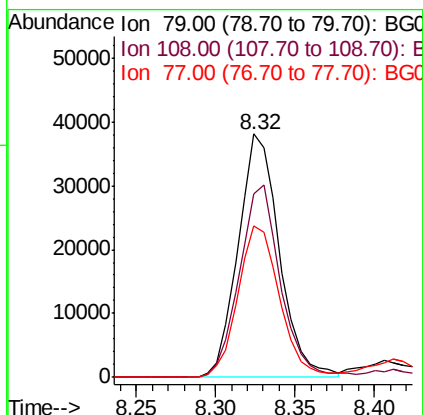
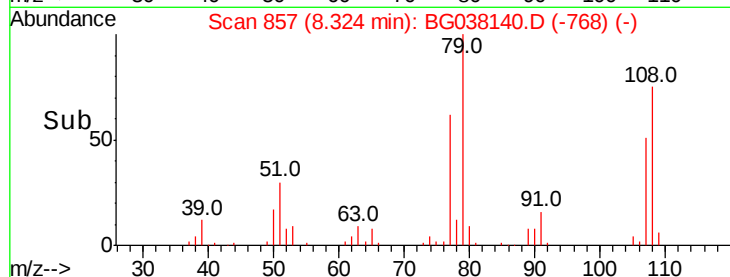
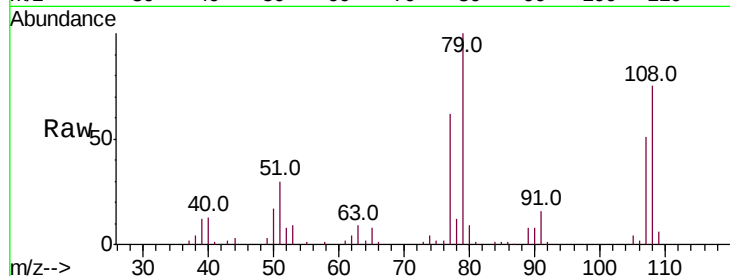
Tot Ion: 79 Resp: 68532

Ion Ratio Lower Upper

79 100

108 75.3 65.8 98.8

77 62.1 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.689 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

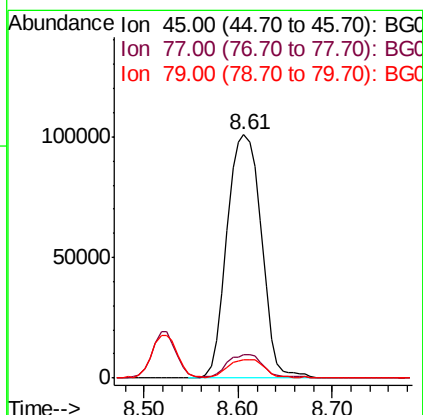
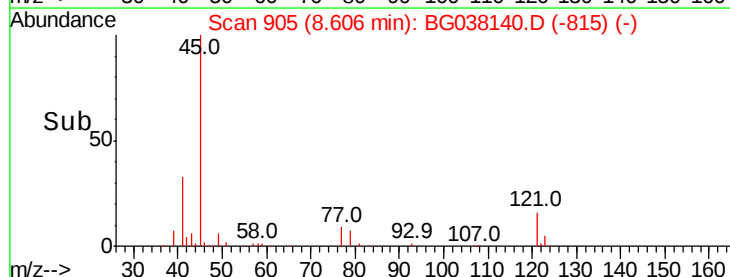
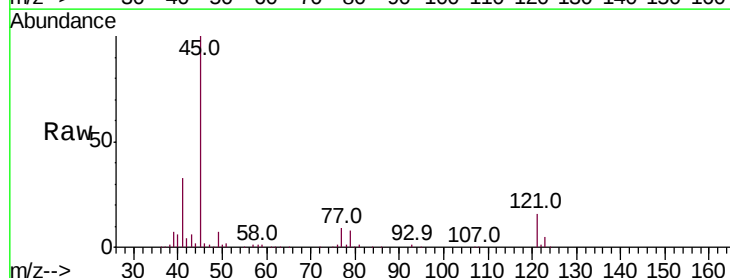
Tgt Ion: 45 Resp: 256558

Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 7.7 0.0 29.0

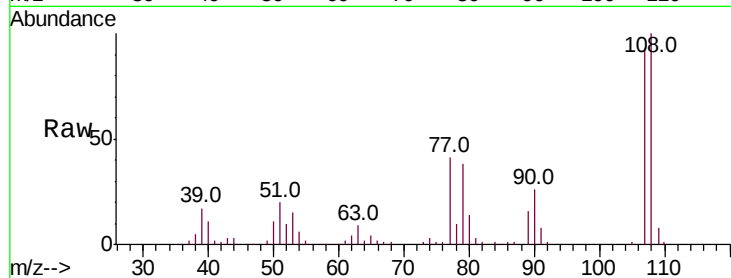




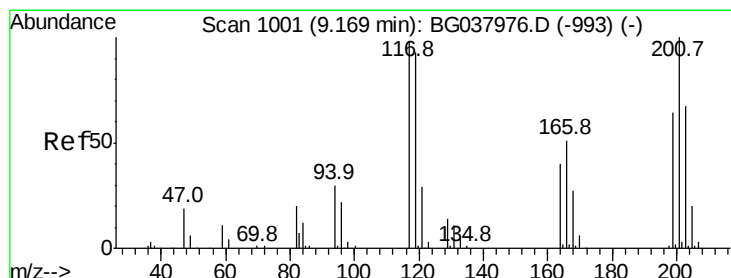
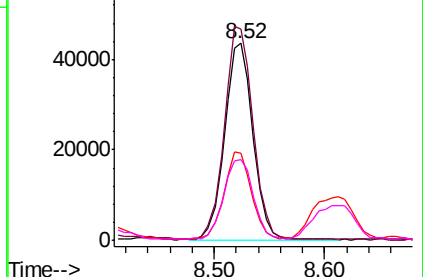
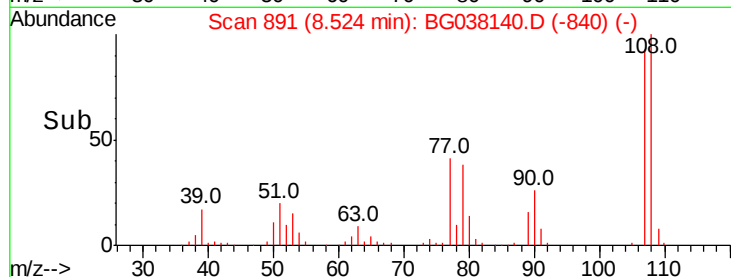
#17
2-Methylphenol
Concen: 29.348 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion:107 Resp: 78662
Ion Ratio Lower Upper
107 100
108 107.6 87.9 131.9
77 44.0 35.1 52.7
79 40.9 34.5 51.7

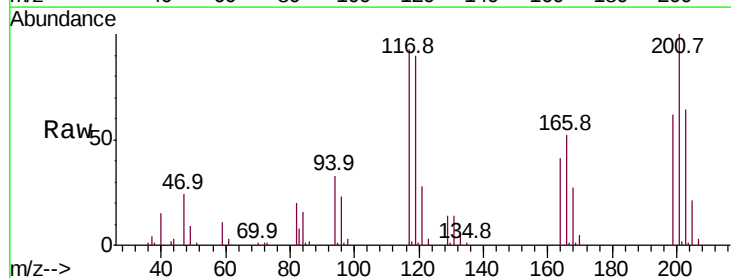


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

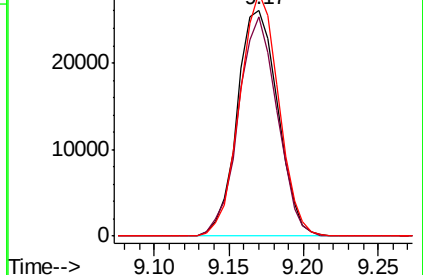
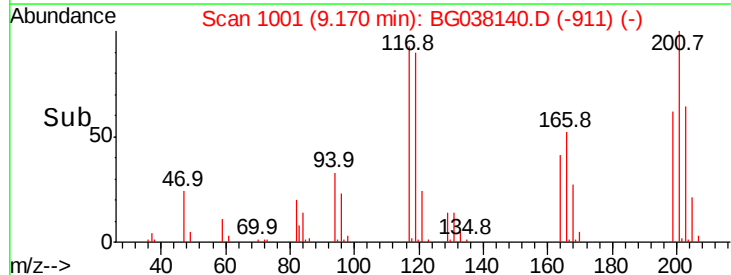


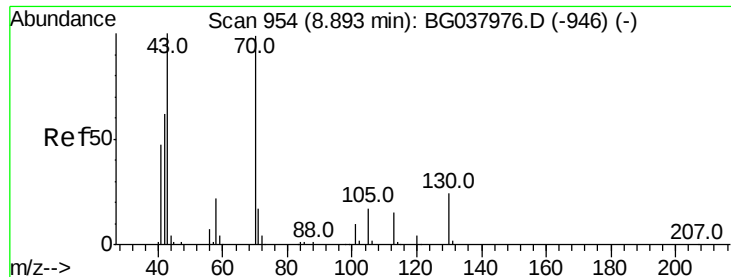
#18
Hexachloroethane
Concen: 38.194 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:117 Resp: 49216
Ion Ratio Lower Upper
117 100
119 98.8 74.6 111.8
201 110.4 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

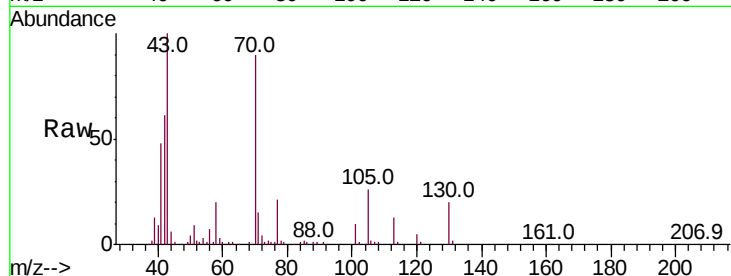




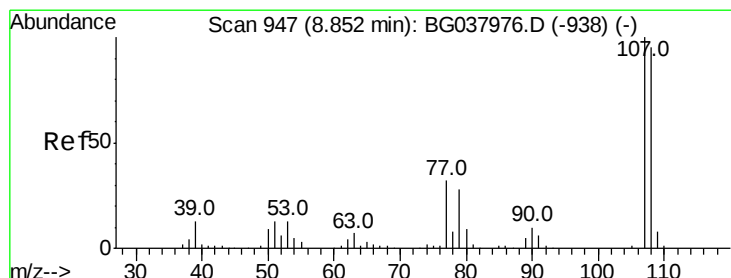
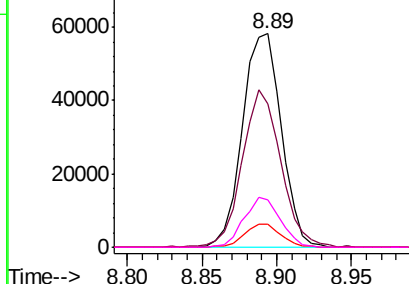
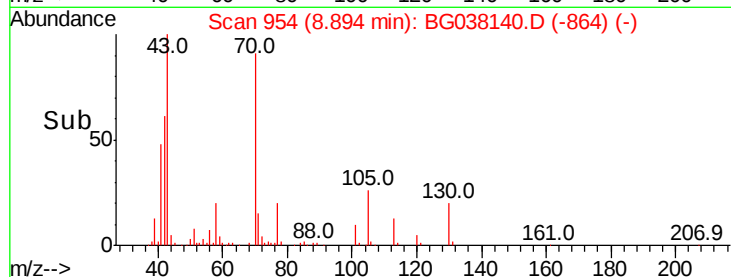
#19
n-Nitroso-di-n-propylamine
Concen: 38.677 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion:	70	Resp:	104748
Ion	Ratio	Lower	Upper
70	100		
42	67.3	53.9	80.9
101	10.9	8.2	12.2
130	22.3	18.2	27.4

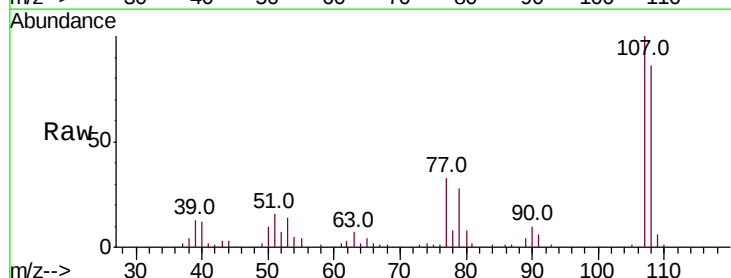


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

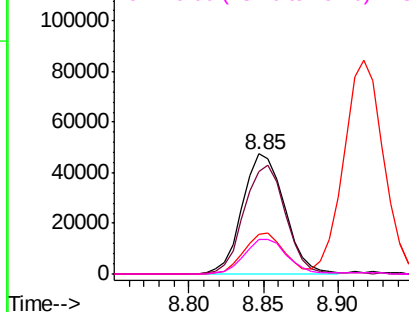
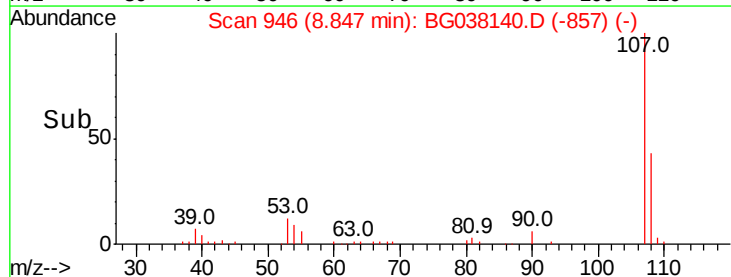


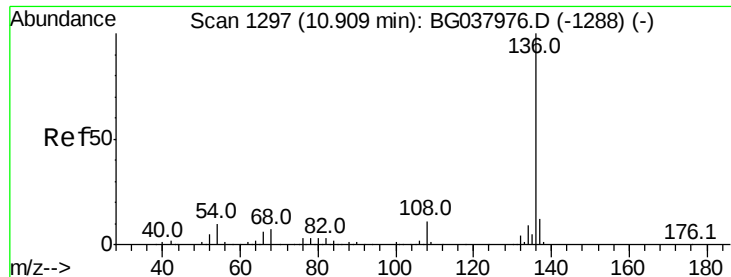
#20
3+4-Methylphenols
Concen: 24.525 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:	107	Resp:	93185
Ion	Ratio	Lower	Upper
107	100		
108	85.5	69.9	109.9
77	32.8	11.2	51.2
79	28.4	6.6	46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

Tot Ion:136 Resp: 193754

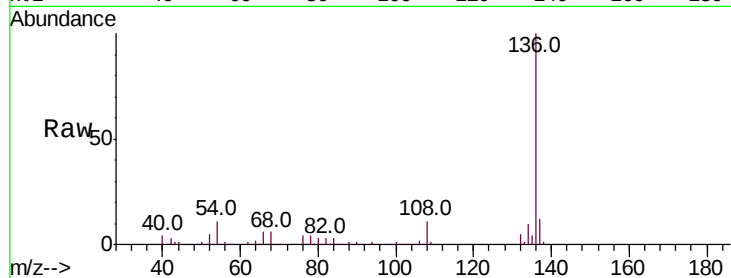
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.8 7.9 11.9

68 5.6 4.8 7.2

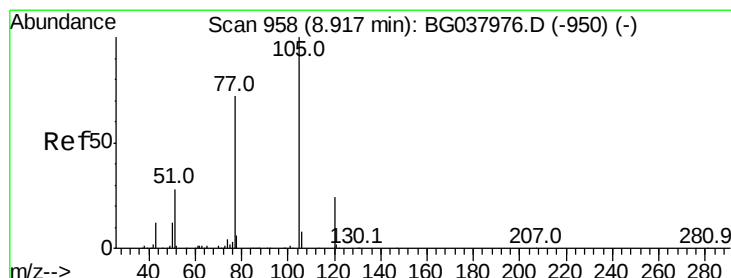
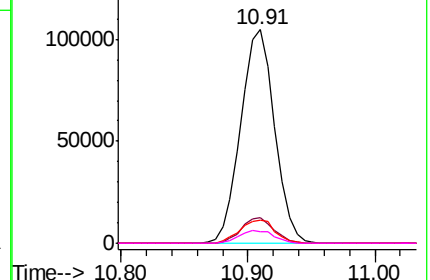
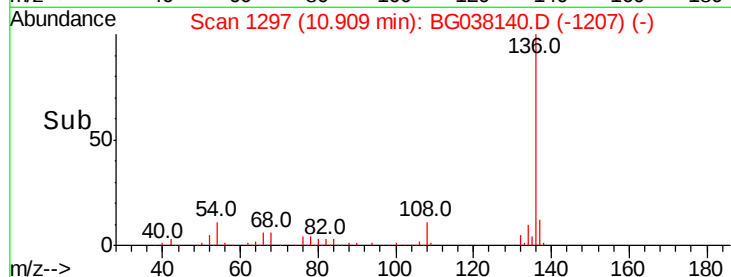


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.818 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Tgt Ion:105 Resp: 196774

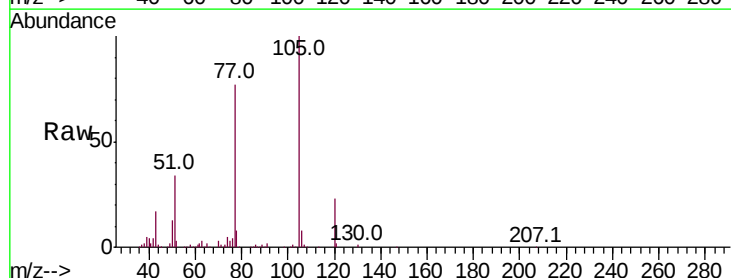
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 34.4 25.0 37.6

120 22.7 18.6 28.0

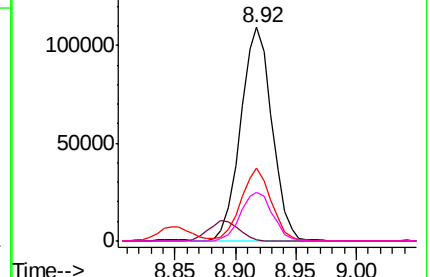
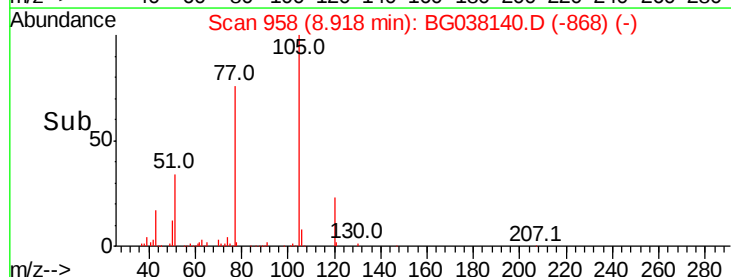


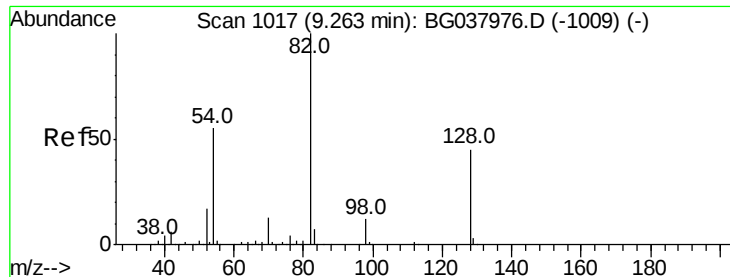
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

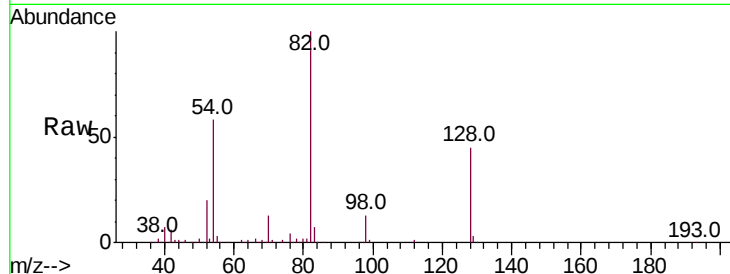




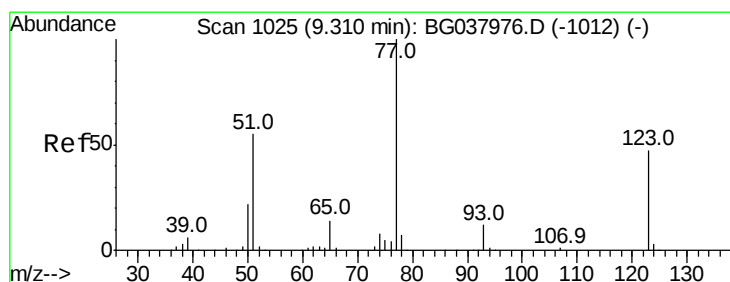
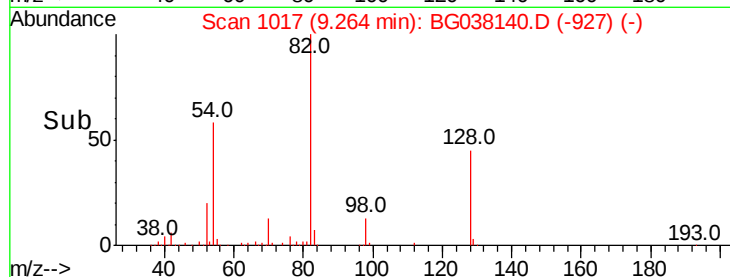
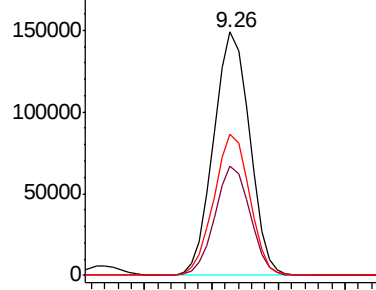
#23
Nitrobenzene-d5
Concen: 77.051 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion: 82 Resp: 278887
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 57.9 45.3 67.9

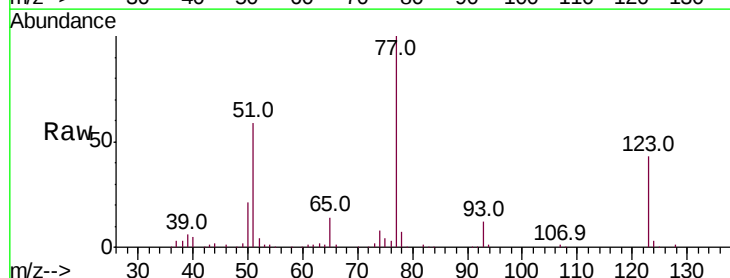


Abundance Ion 82.00 (81.70 to 82.70): BGC
200000 Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

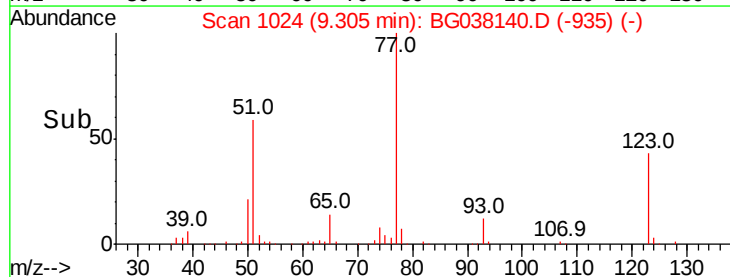
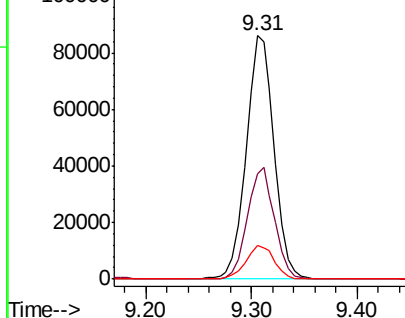


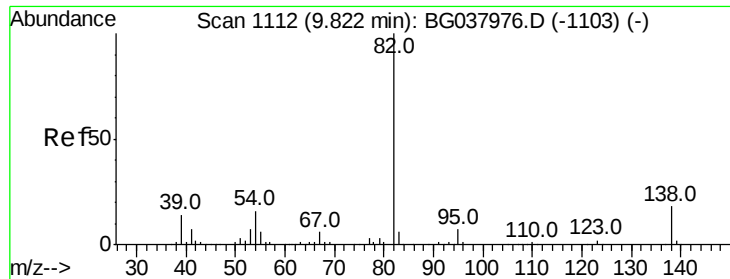
#24
Nitrobenzene
Concen: 42.446 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion: 77 Resp: 157161
Ion Ratio Lower Upper
77 100
123 43.0 33.6 50.4
65 13.6 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
120000 Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.252 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

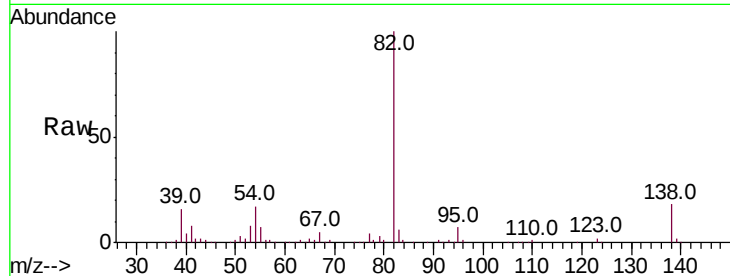
Tot Ion: 82 Resp: 294808

Ion Ratio Lower Upper

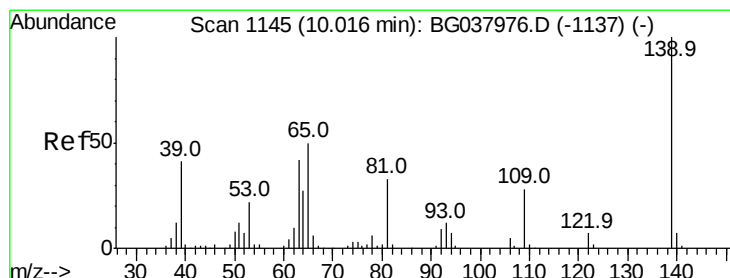
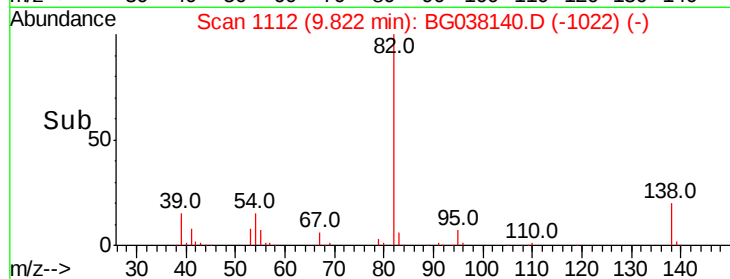
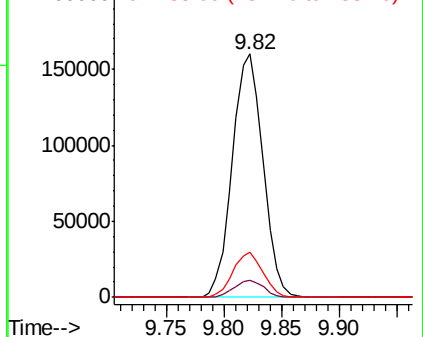
82 100

95 7.0 5.3 7.9

138 18.4 13.3 19.9



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



#26

2-Nitrophenol

Concen: 37.857 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

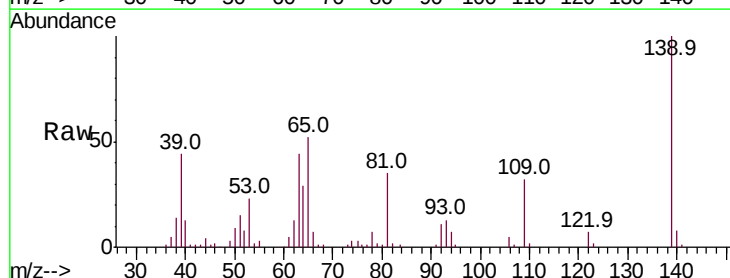
Tgt Ion: 139 Resp: 69976

Ion Ratio Lower Upper

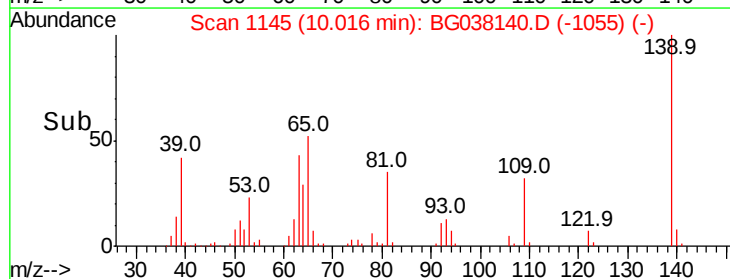
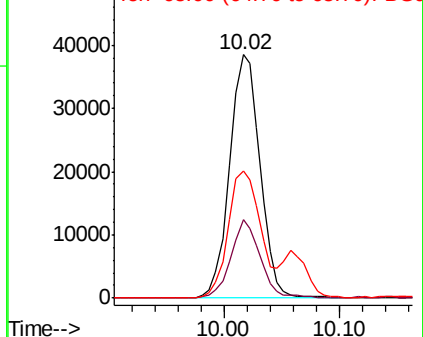
139 100

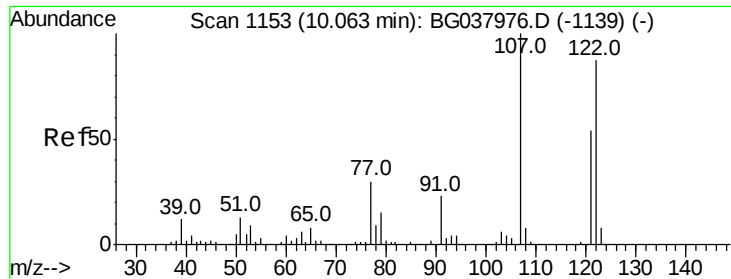
109 32.4 23.3 34.9

65 52.3 39.8 59.8



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

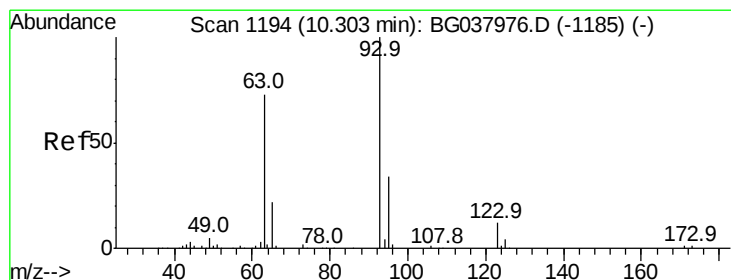
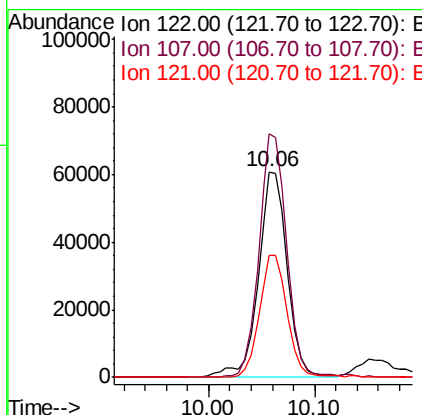
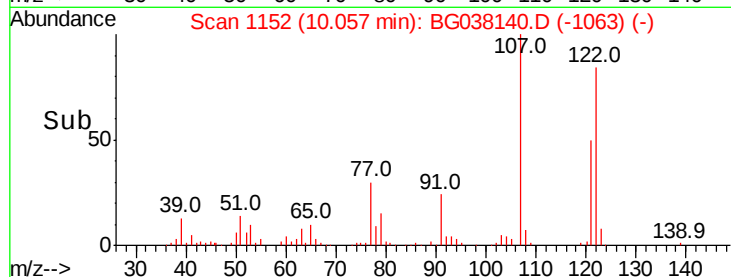
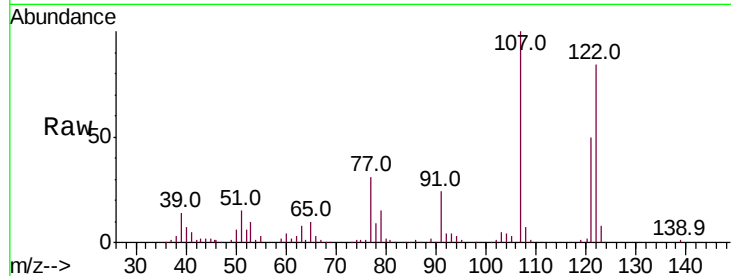




#27
2,4-Dimethylphenol
Concen: 41.398 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

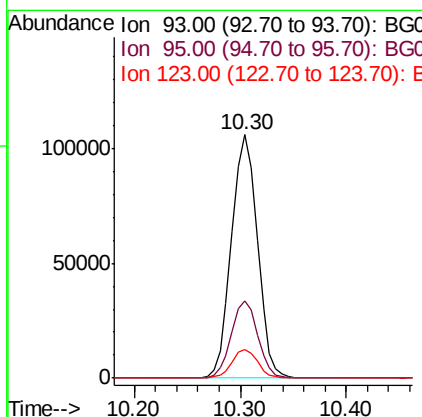
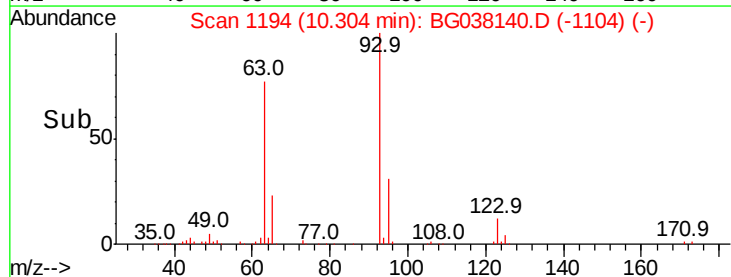
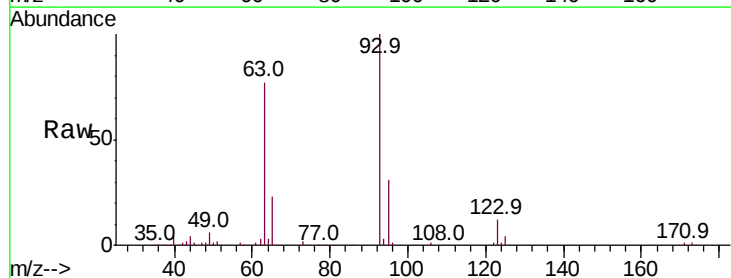
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

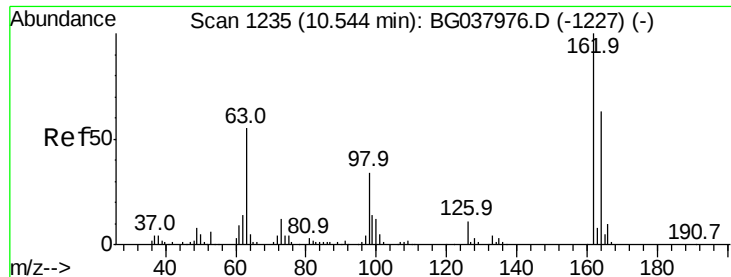
Tot Ion:122 Resp: 115295
Ion Ratio Lower Upper
122 100
107 118.6 94.2 141.2
121 59.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.275 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion: 93 Resp: 180276
Ion Ratio Lower Upper
93 100
95 31.5 24.6 37.0
123 11.9 9.1 13.7

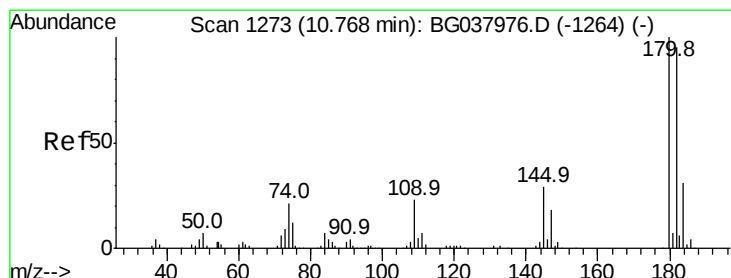
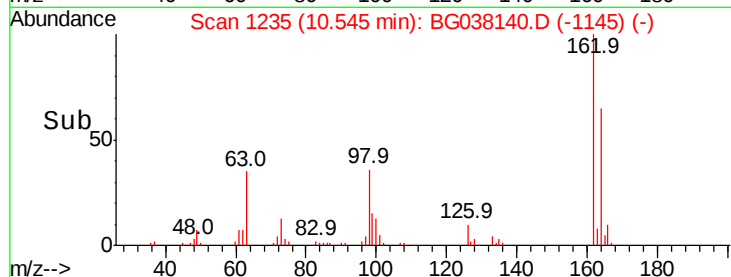
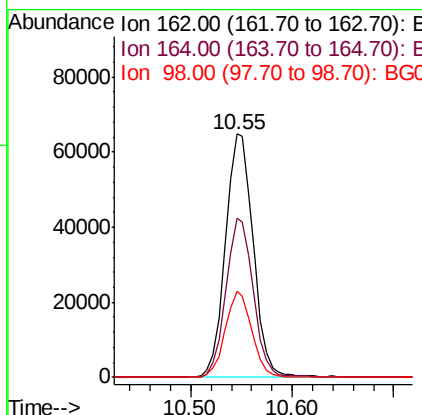
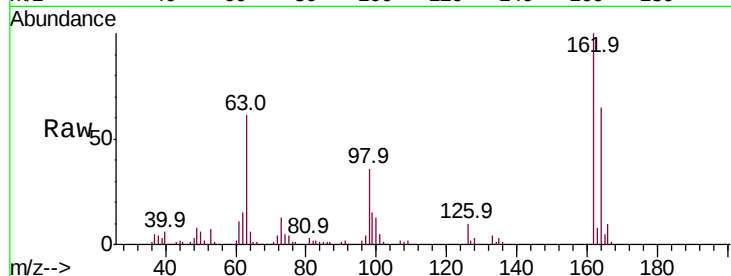




#29
 2,4-Dichlorophenol
 Concen: 39.284 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

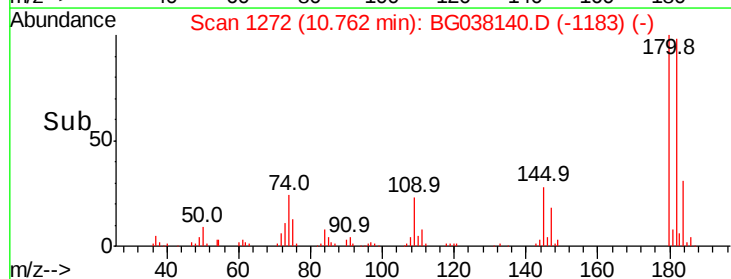
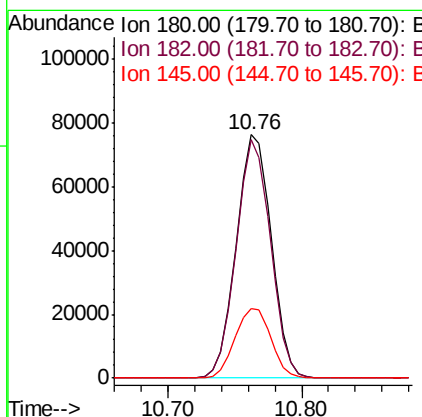
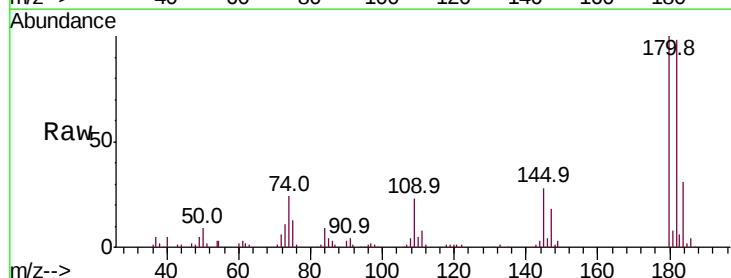
Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

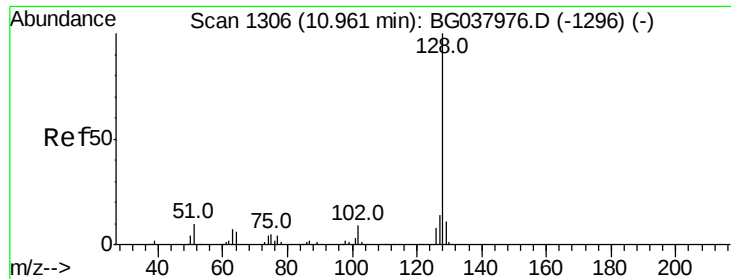
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	35.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.554 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.7	116.5
145	28.3	23.3	34.9

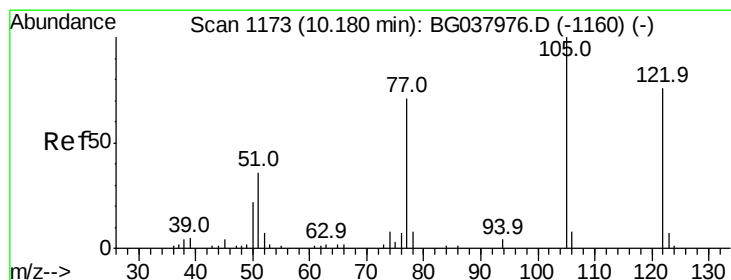
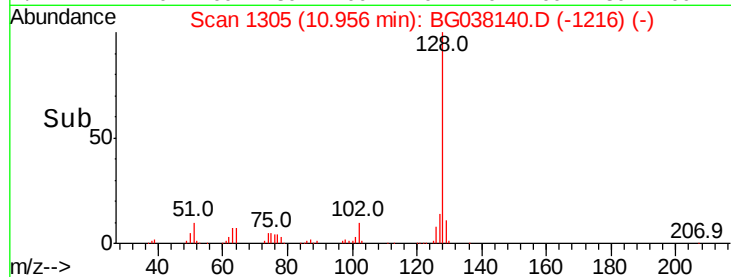
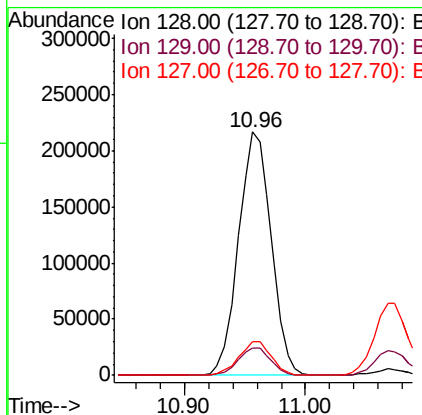
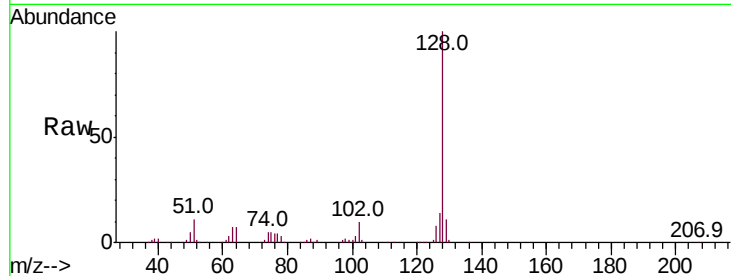




#31
Naphthalene
Concen: 43.036 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

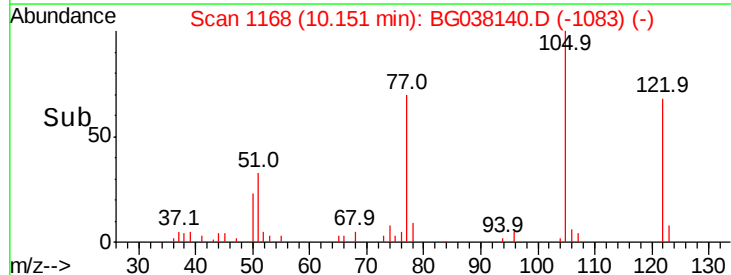
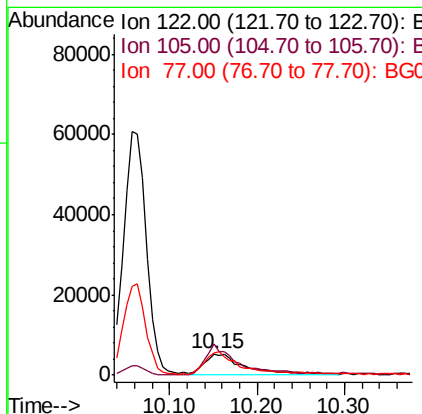
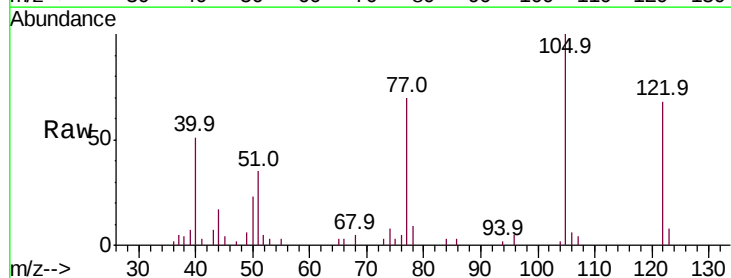
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

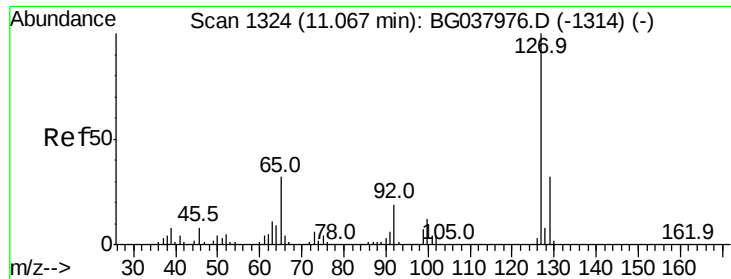
Tot Ion:128 Resp: 410120
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 19.658 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:122 Resp: 17678
Ion Ratio Lower Upper
122 100
105 147.2 106.7 146.7#
77 102.4 72.2 112.2

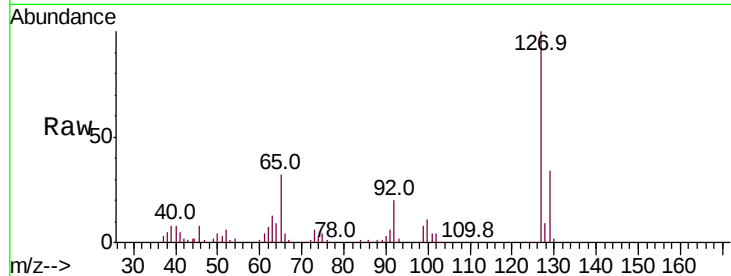




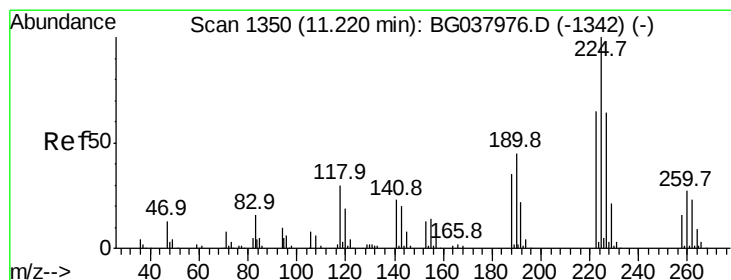
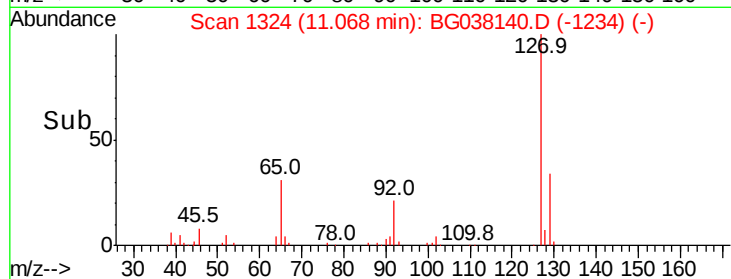
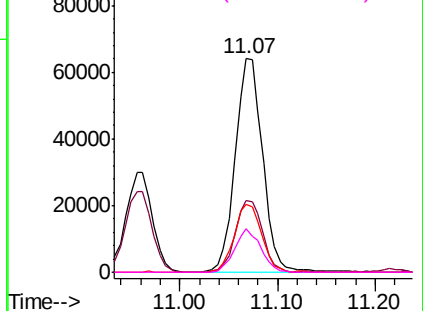
#33
4-Chloroaniline
Concen: 27.965 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion:	127	Resp:	123965
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.1	40.7
65	31.5	26.6	39.8
92	20.3	16.4	24.6

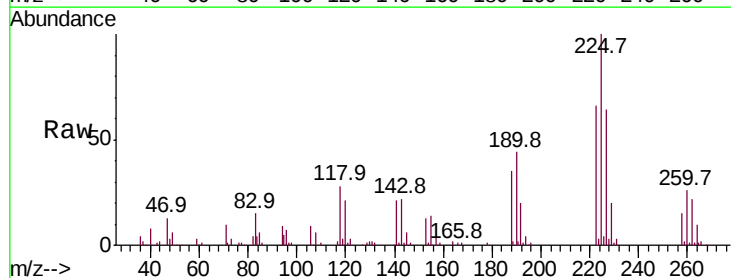


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

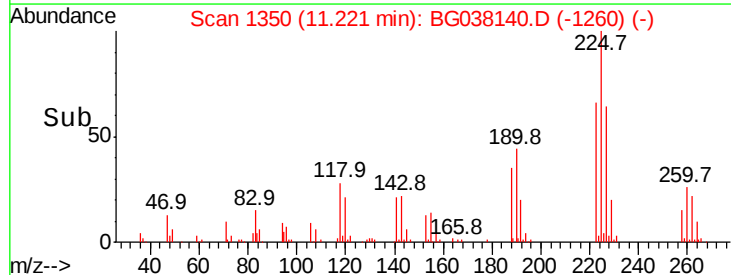
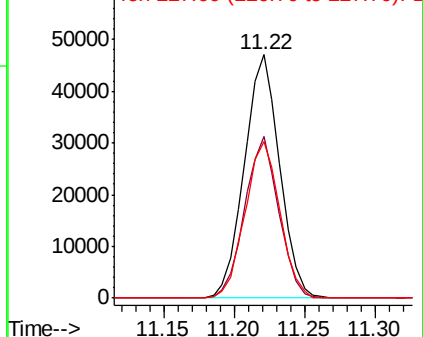


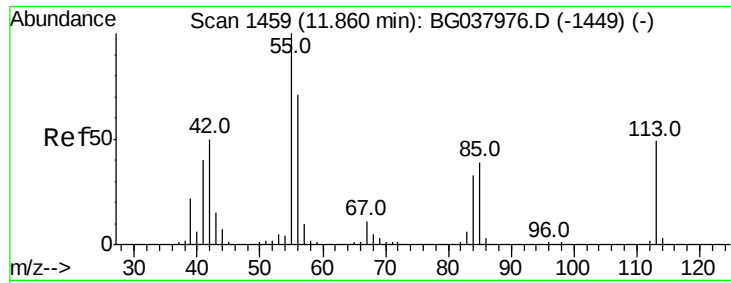
#34
Hexachlorobutadiene
Concen: 38.168 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:	225	Resp:	82461
Ion	Ratio	Lower	Upper
225	100		
223	67.0	48.2	72.4
227	64.4	51.6	77.4



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





#35

Caprolactam

Concen: 5.508 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

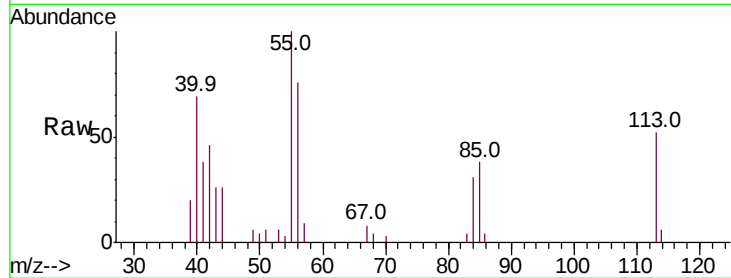
Tot Ion:113 Resp: 6906

Ion Ratio Lower Upper

113 100

55 192.0 176.6 216.6

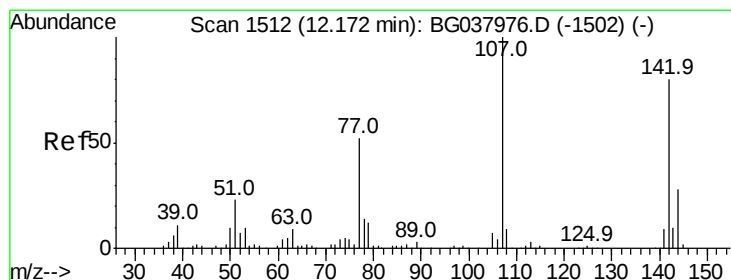
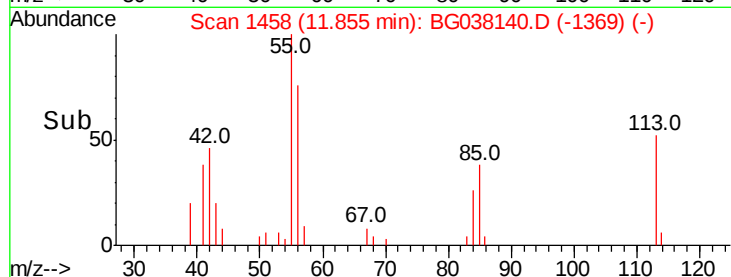
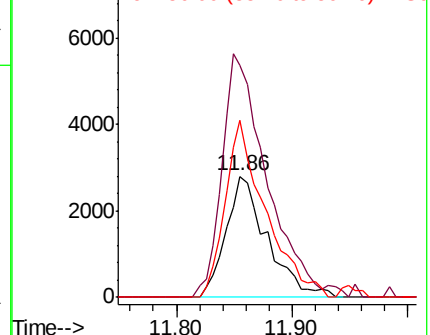
56 146.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 36.437 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

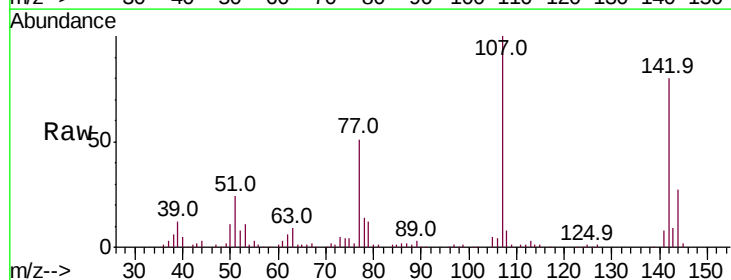
Tgt Ion:107 Resp: 124703

Ion Ratio Lower Upper

107 100

144 27.2 20.7 31.1

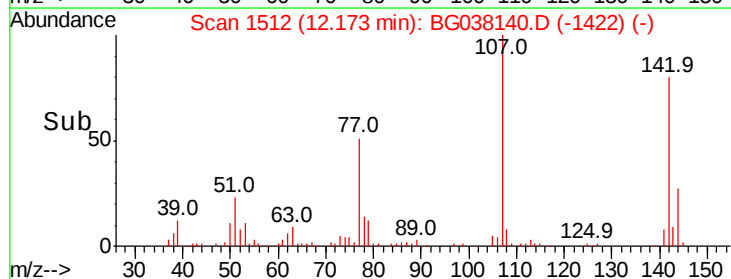
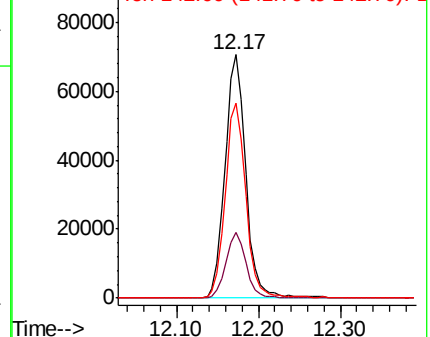
142 80.2 64.4 96.6

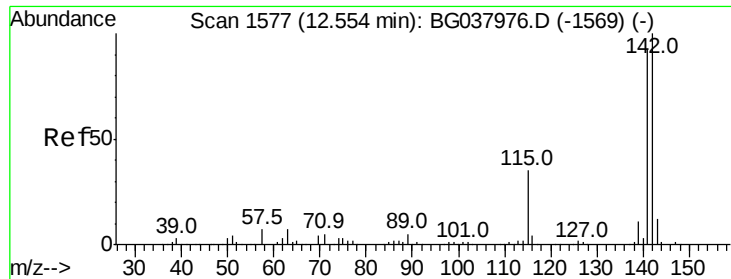


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

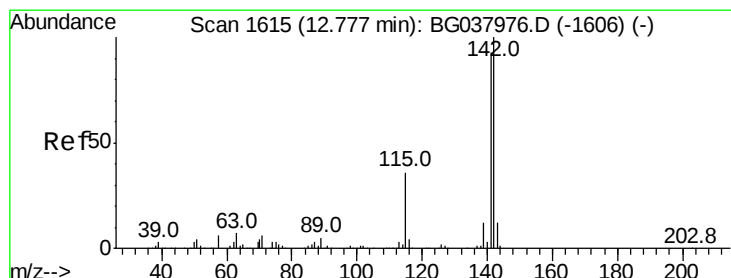
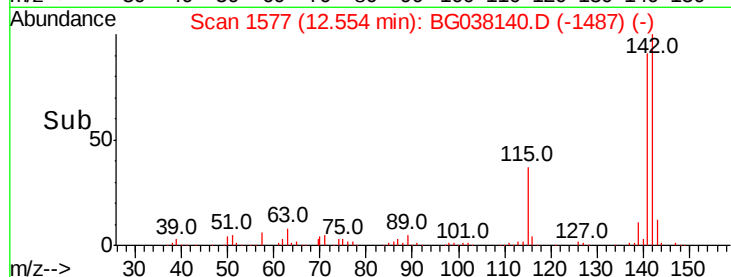
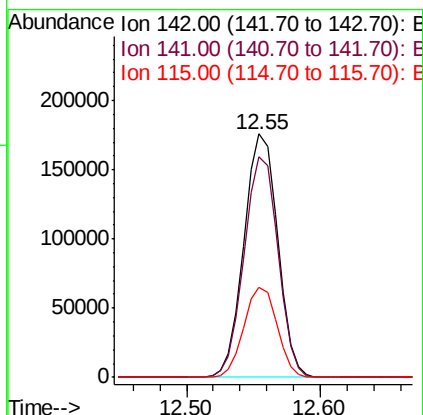
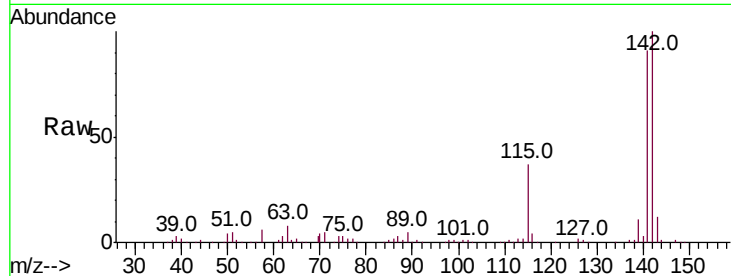




#37
 2-Methylnaphthalene
 Concen: 44.871 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

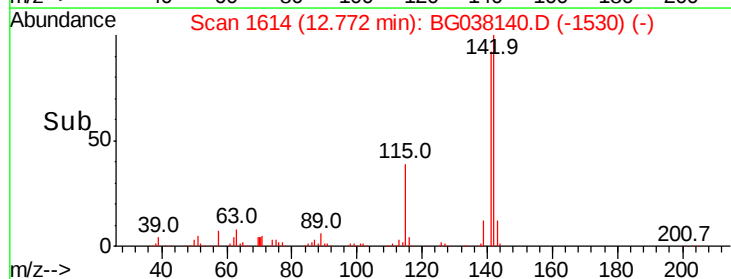
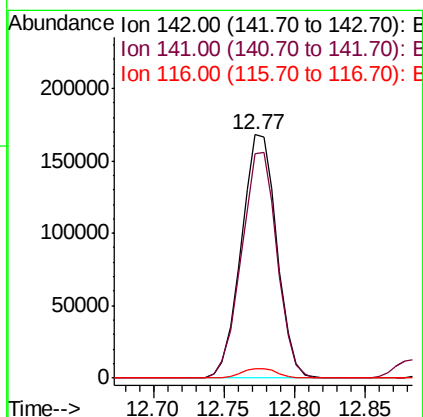
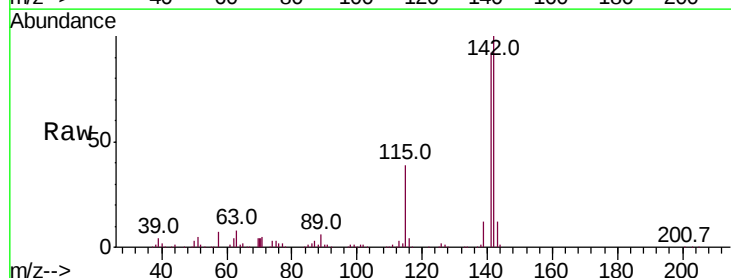
Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

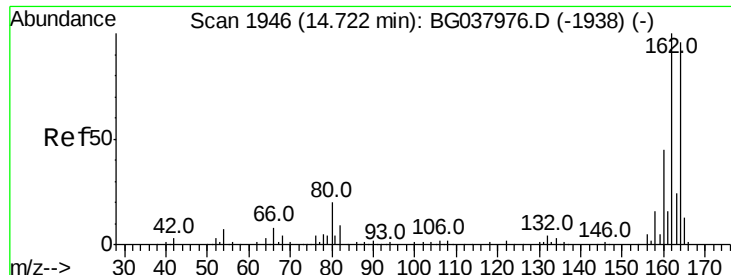
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	37.0	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 44.923 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

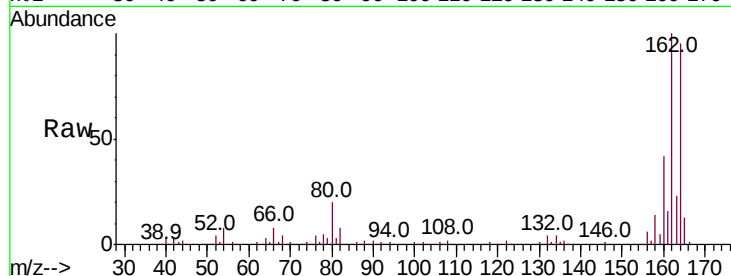
Tot Ion:164 Resp: 118256

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

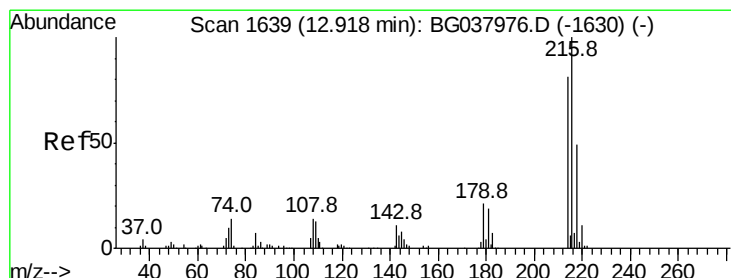
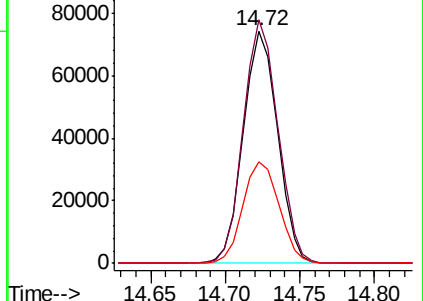
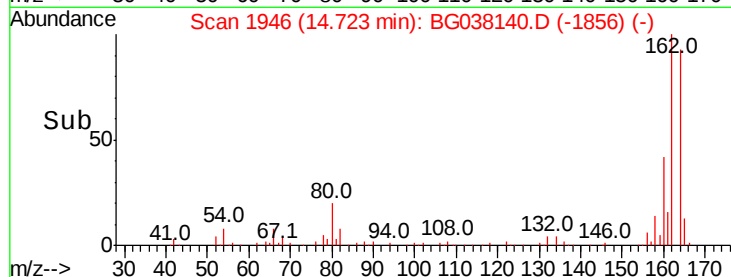
160 43.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.817 ng

RT: 12.92 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Tgt Ion:216 Resp: 157339

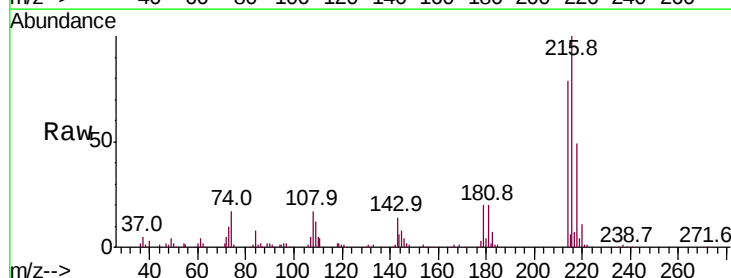
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 21.5 17.4 26.0

108 20.1 13.9 20.9

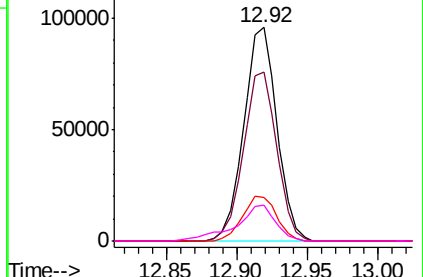
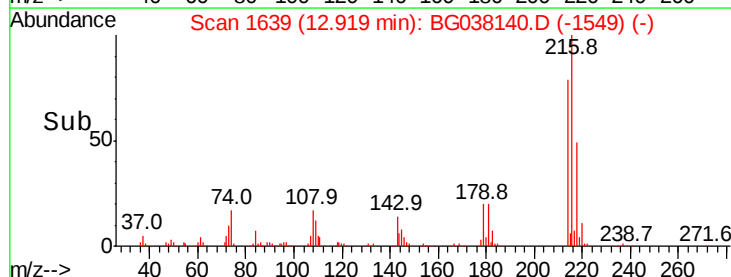


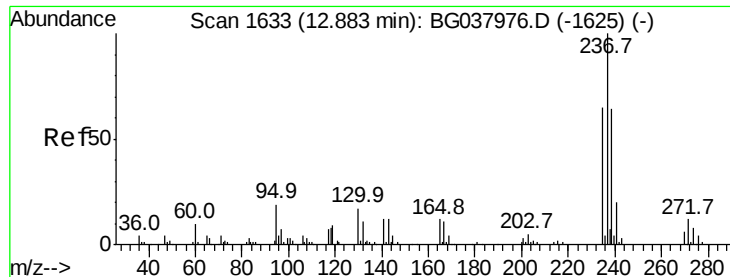
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 85.430 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

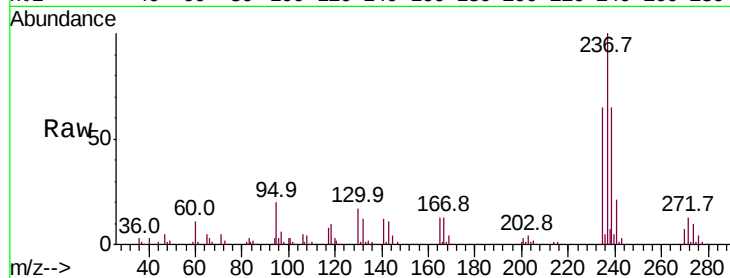
Tot Ion:237 Resp: 180768

Ion Ratio Lower Upper

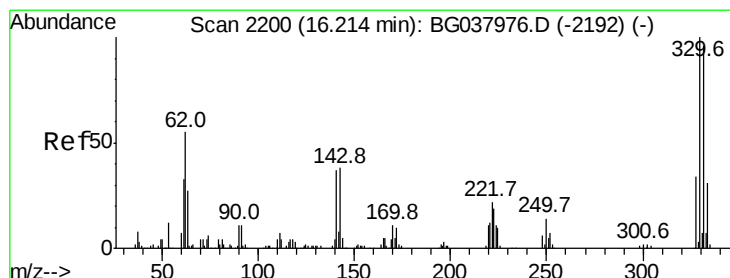
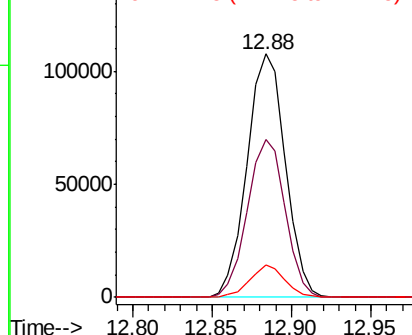
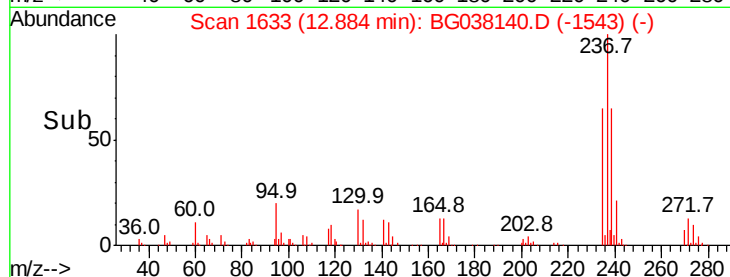
237 100

235 64.6 42.5 82.5

272 13.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.880 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

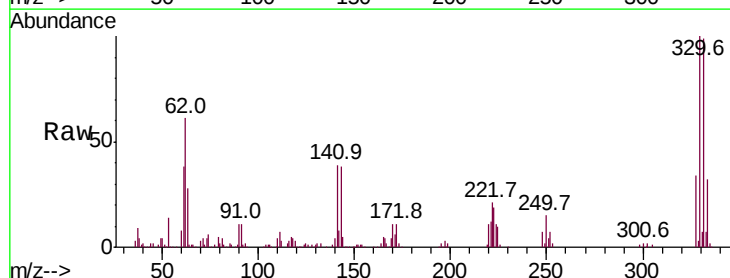
Tgt Ion:330 Resp: 137403

Ion Ratio Lower Upper

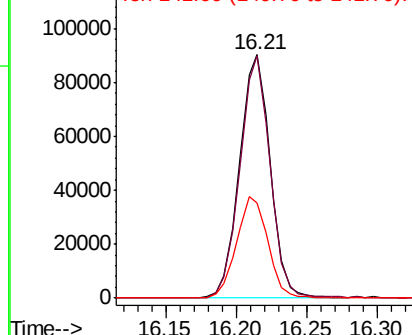
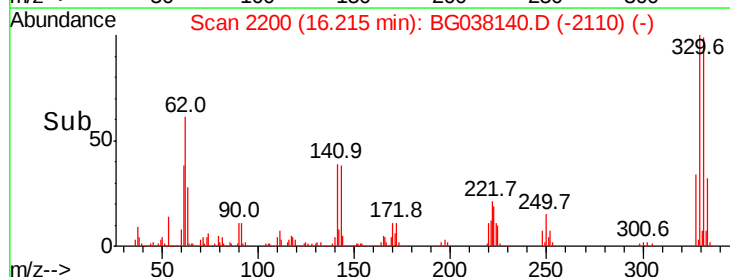
330 100

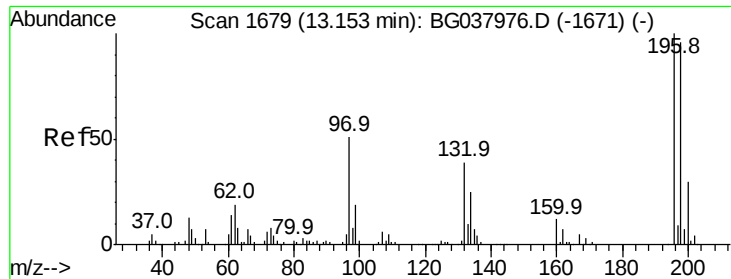
332 97.6 78.4 117.6

141 42.2 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

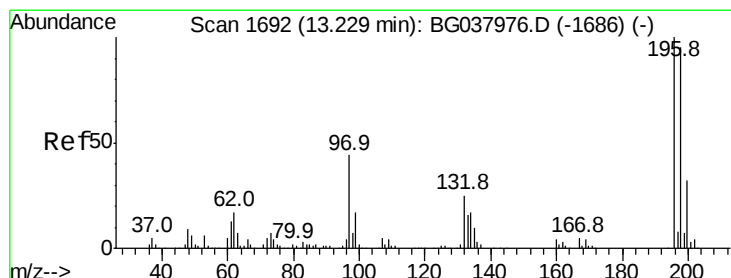
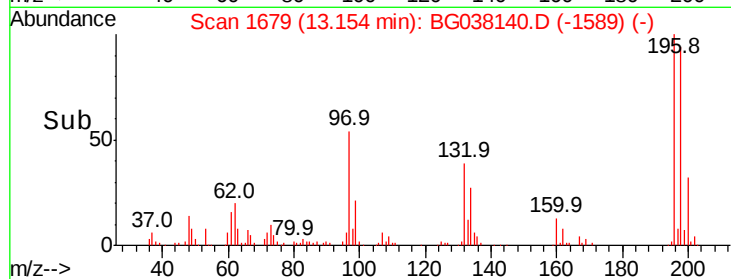
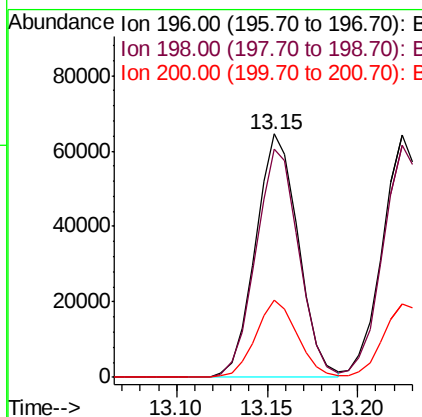
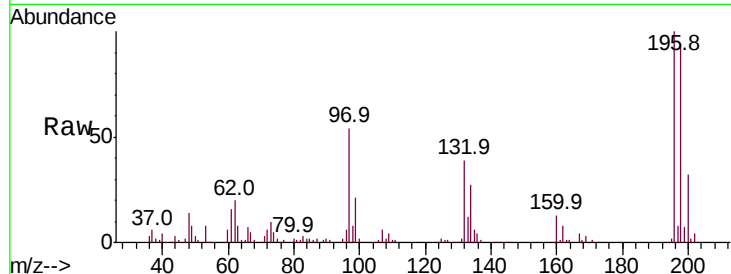




#43
 2,4,6-Trichlorophenol
 Concen: 39.273 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

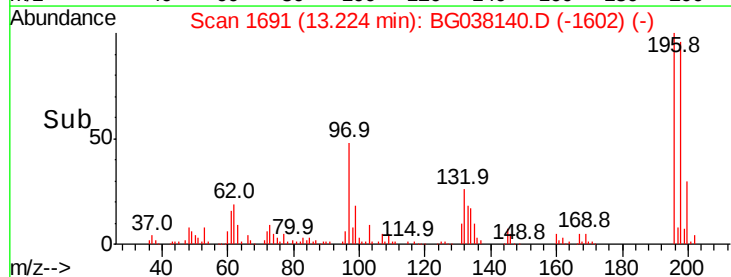
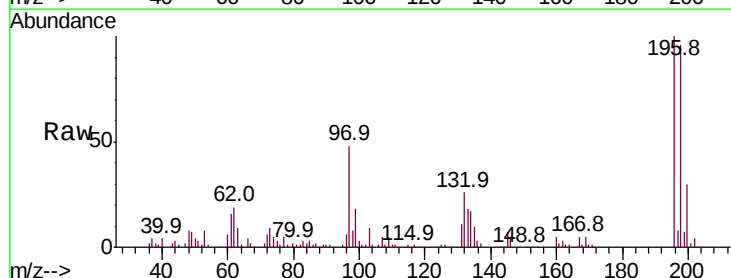
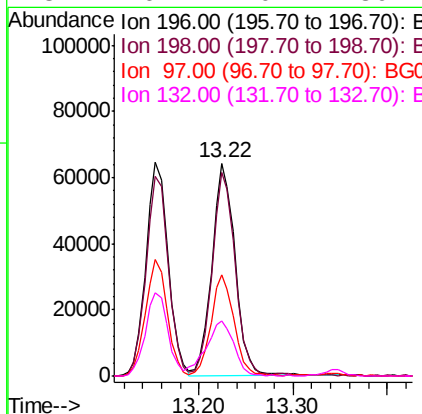
Instrument :
 BNA_G
 ClientSampled :
 VTW-02MS

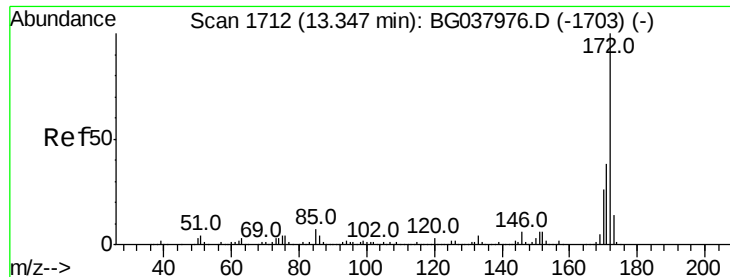
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.4	114.6
200	31.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.251 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.2
97	47.6	34.1	51.1
132	26.1	20.2	30.4

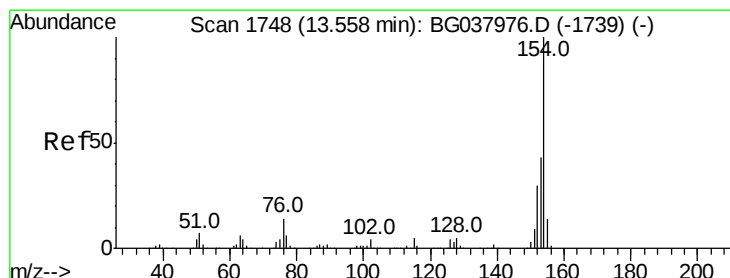
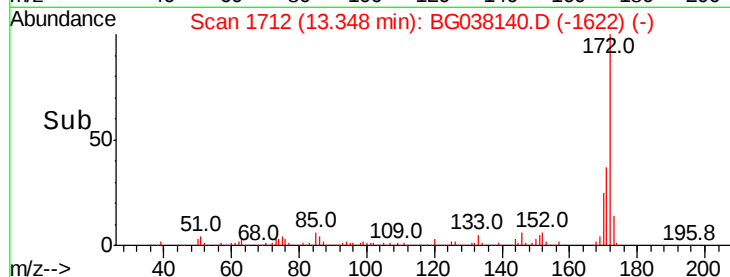
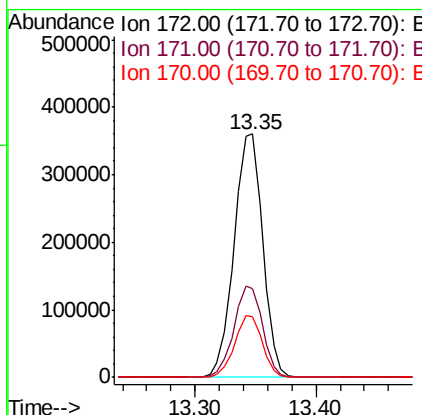
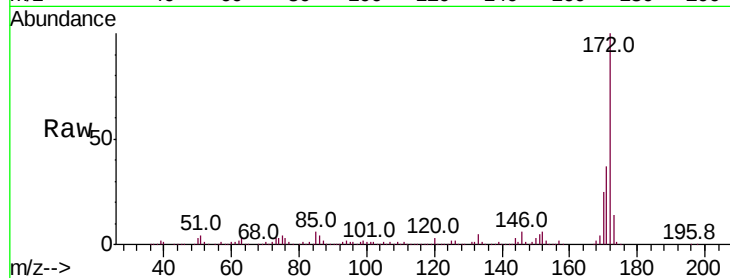




#45
2-Fluorobiphenyl
Concen: 73.529 ng
RT: 13.35 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

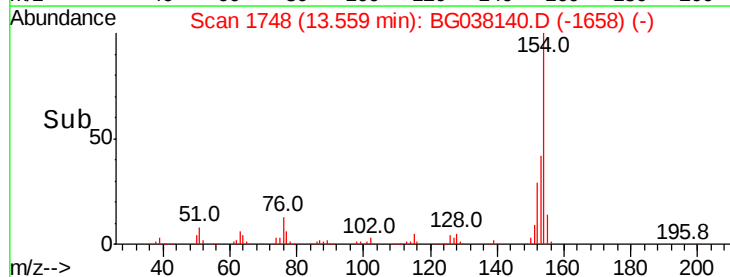
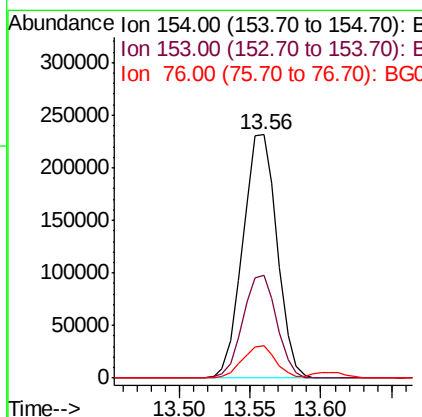
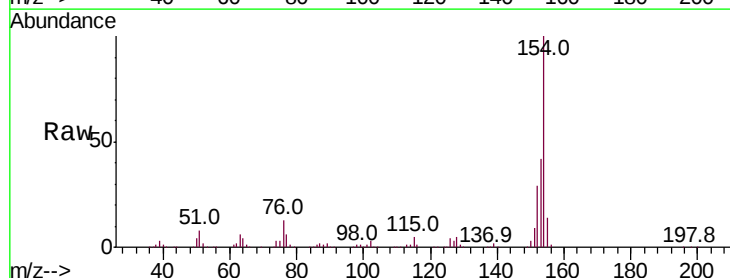
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

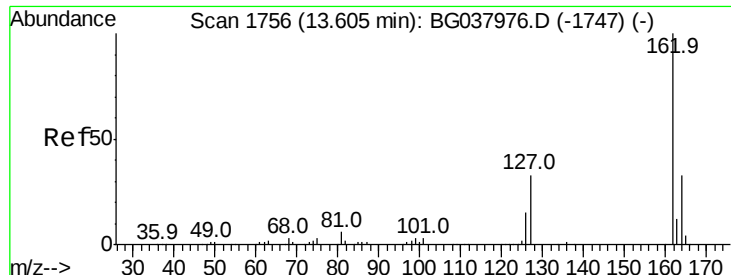
Tot Ion:172 Resp: 596850
Ion Ratio Lower Upper
172 100
171 36.7 31.0 46.4
170 25.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.554 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:154 Resp: 392964
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 13.4 0.0 33.2

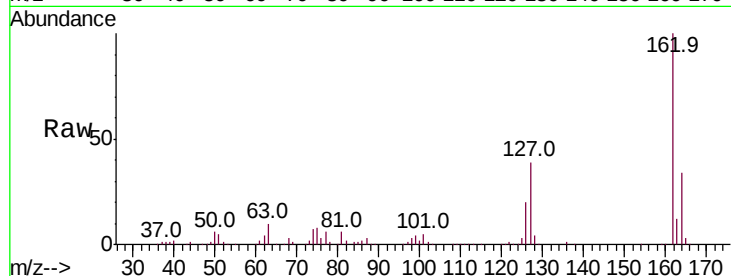




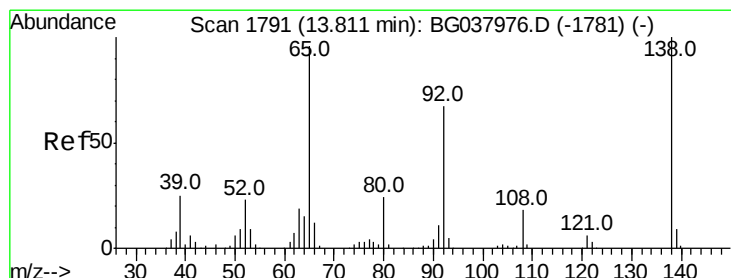
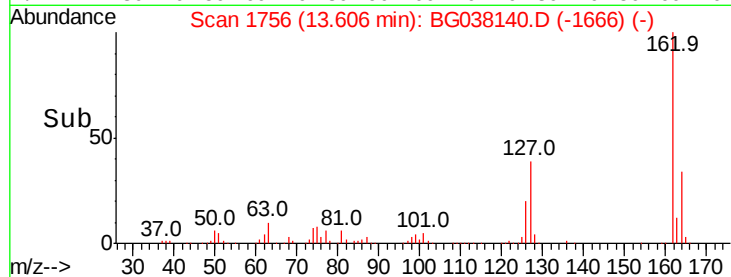
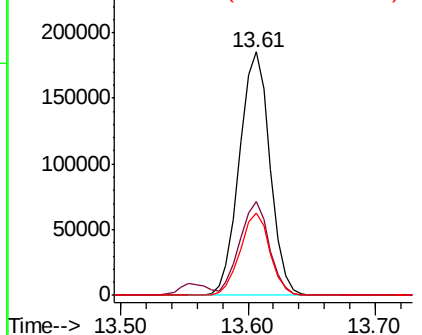
#47
 2-Chloronaphthalene
 Concen: 40.706 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion:162 Resp: 308594
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.5 45.7
 164 33.9 26.4 39.6

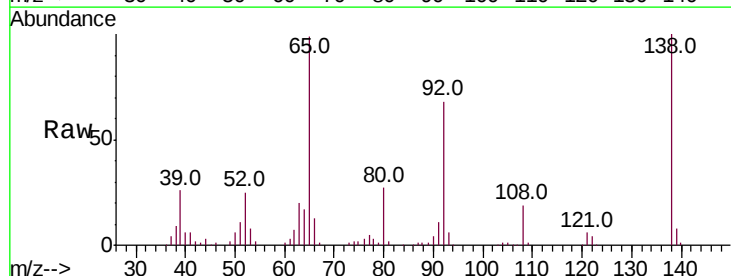


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

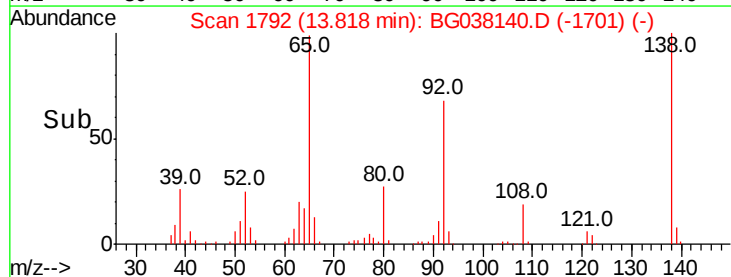
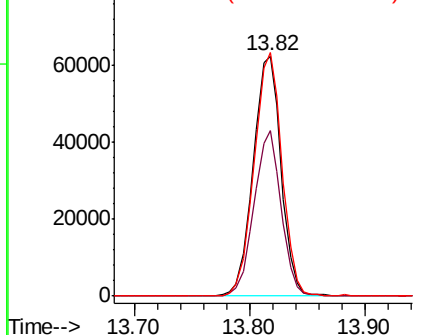


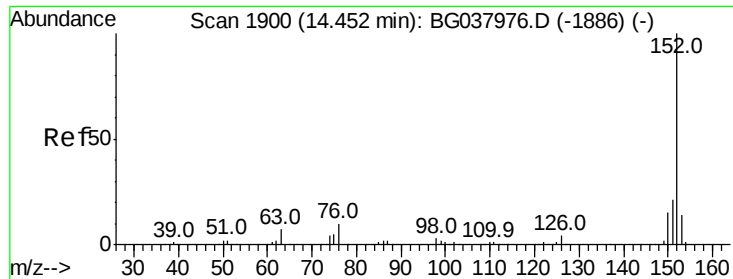
#48
 2-Nitroaniline
 Concen: 44.005 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion: 65 Resp: 104996
 Ion Ratio Lower Upper
 65 100
 92 69.1 53.2 79.8
 138 101.4 79.3 118.9



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





#49

Acenaphthylene

Concen: 44.378 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

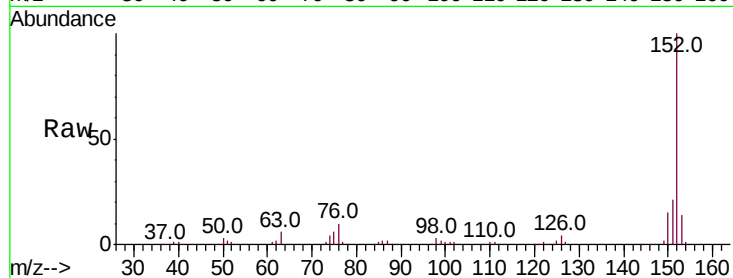
Tot Ion:152 Resp: 505927

Ion Ratio Lower Upper

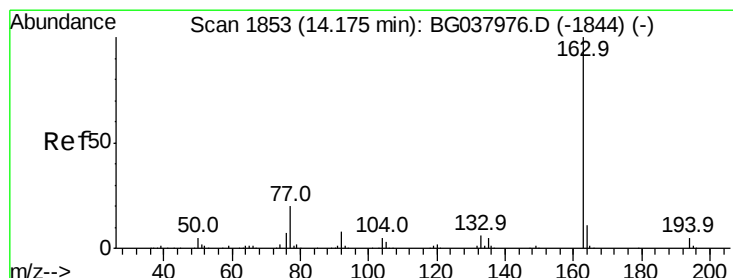
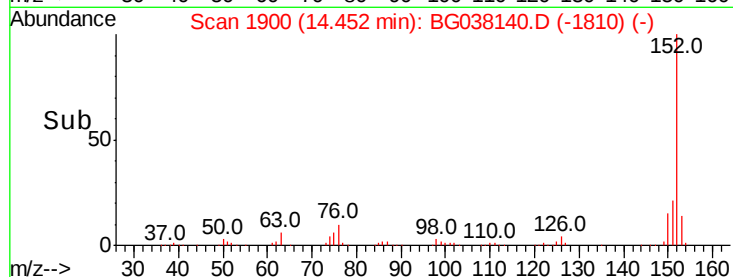
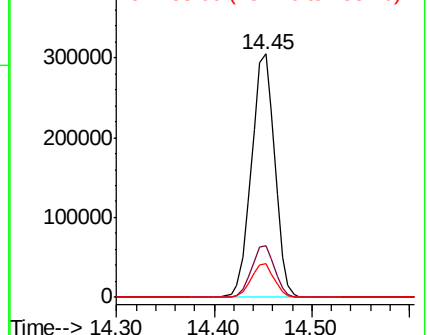
152 100

151 21.3 17.1 25.7

153 13.8 11.1 16.7



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



#50

Dimethylphthalate

Concen: 42.041 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

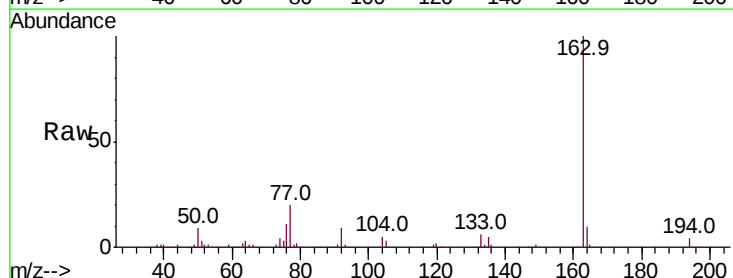
Tgt Ion:163 Resp: 394134

Ion Ratio Lower Upper

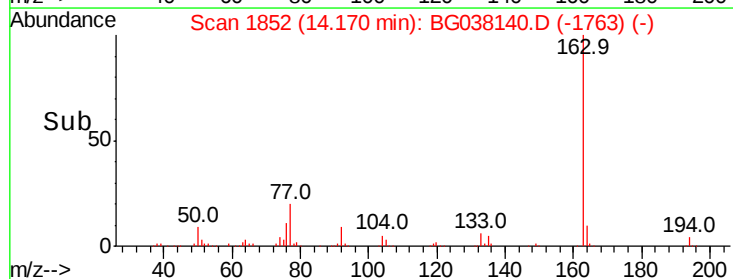
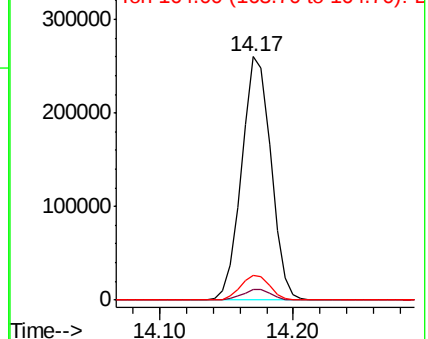
163 100

194 4.2 3.5 5.3

164 10.3 8.5 12.7



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

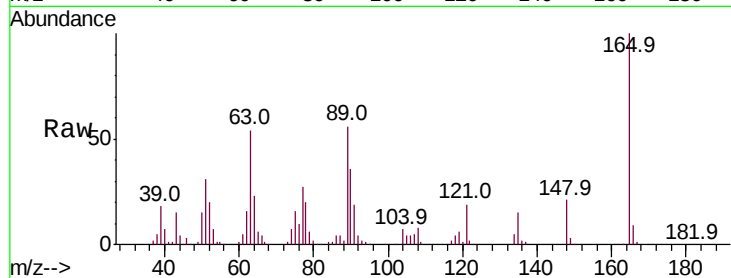




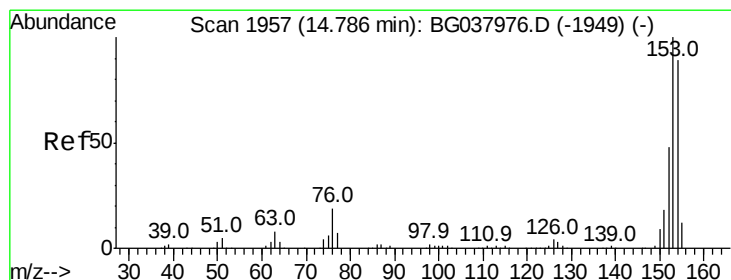
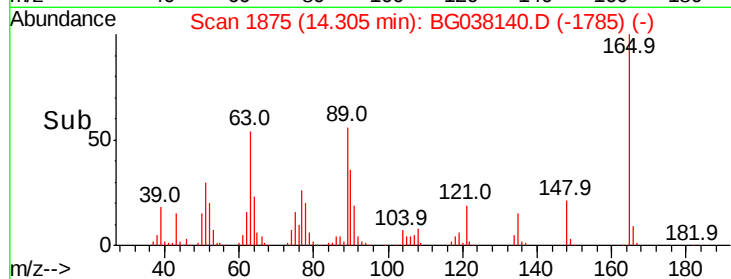
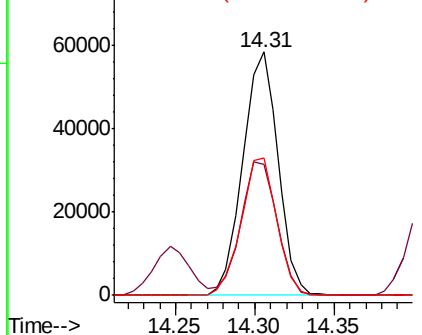
#51
 2,6-Dinitrotoluene
 Concen: 42.440 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	43.4	65.2
89	56.2	45.8	68.6

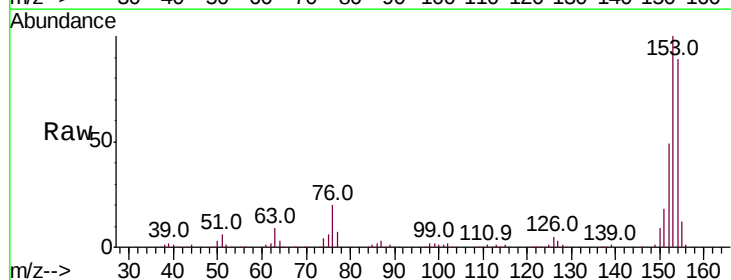


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

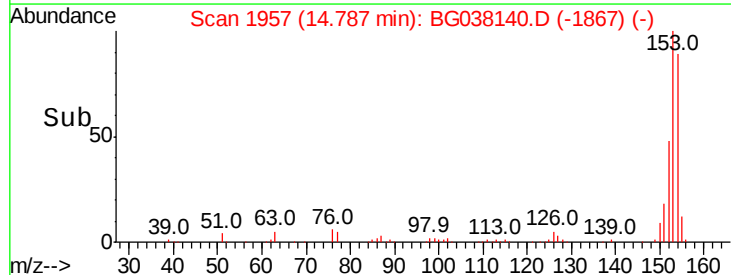
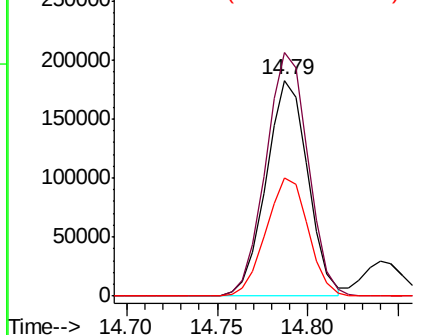


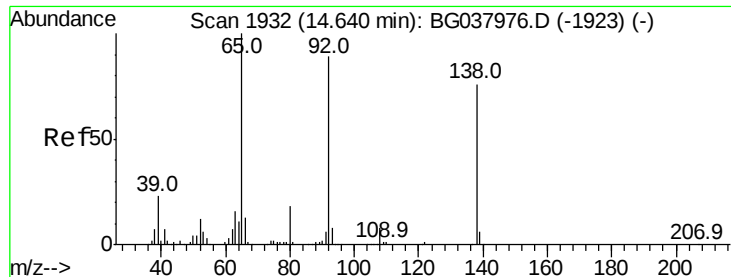
#52
 Acenaphthene
 Concen: 42.466 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	93.4	140.0
152	54.8	44.7	67.1



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

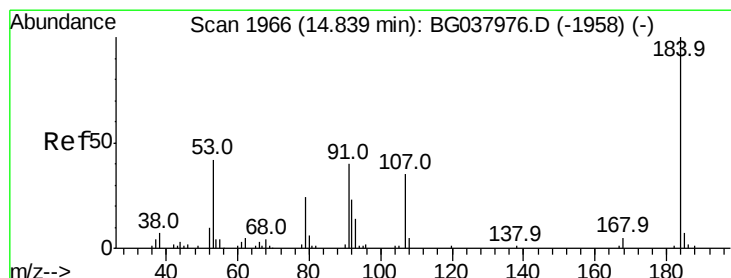
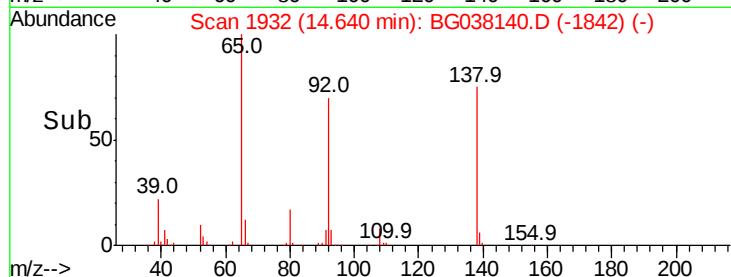
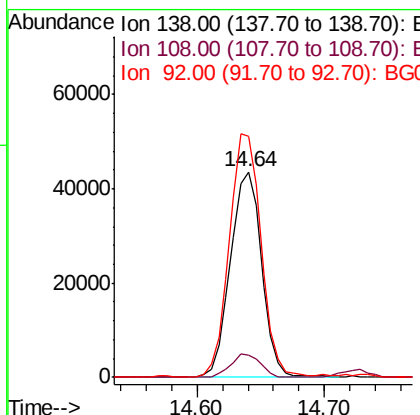
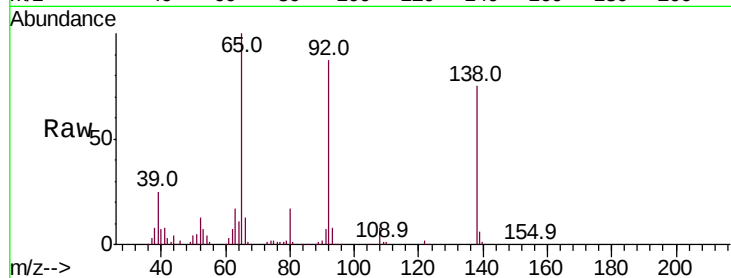




#53
3-Nitroaniline
Concen: 31.807 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

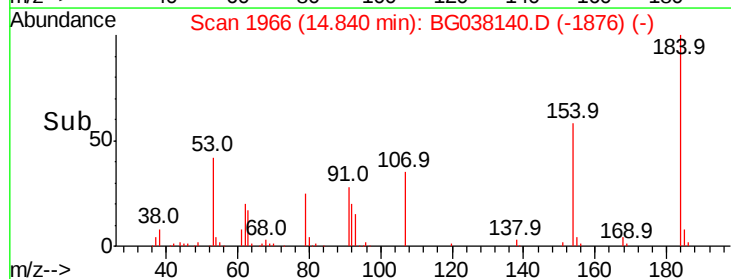
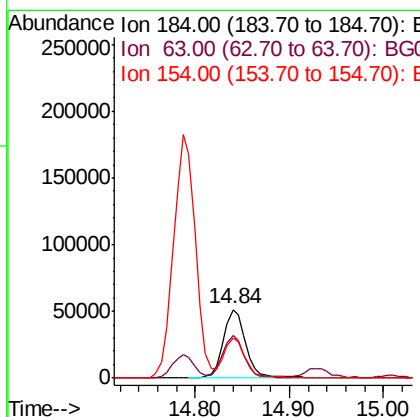
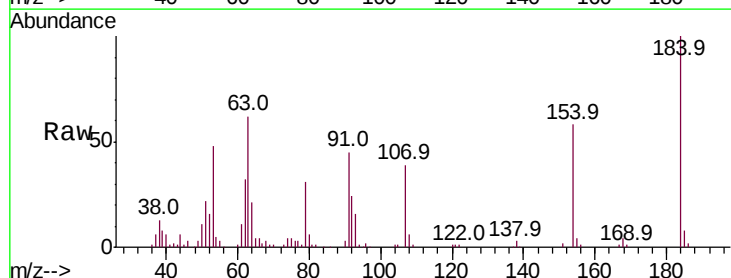
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

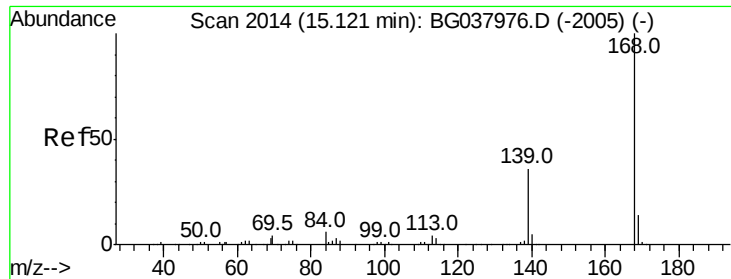
Tot Ion:138 Resp: 74472
Ion Ratio Lower Upper
138 100
108 11.1 11.0 16.6
92 117.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 75.824 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:184 Resp: 86202
Ion Ratio Lower Upper
184 100
63 61.6 42.6 63.8
154 57.7 41.8 62.6

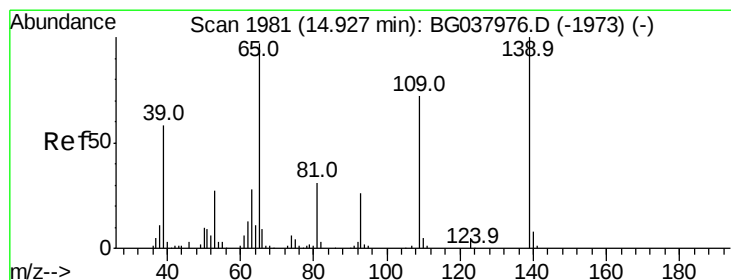
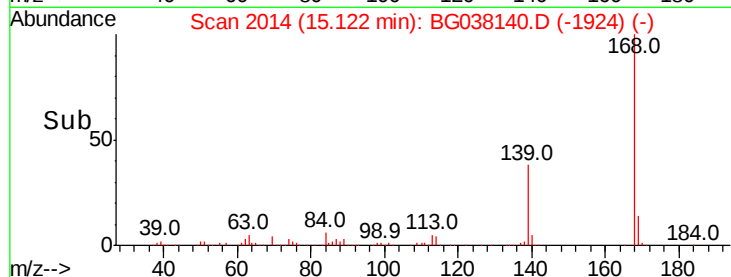
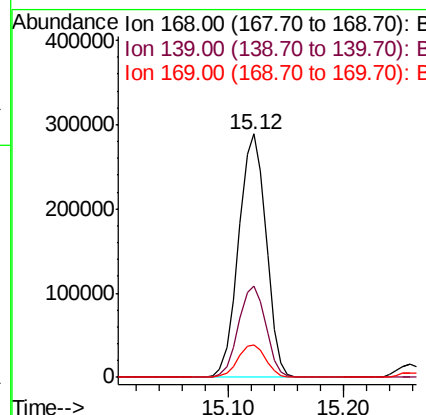
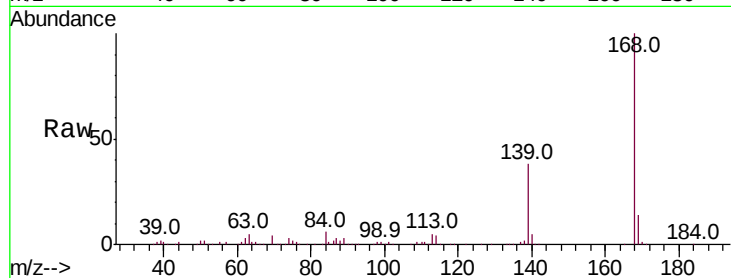




#55
Dibenzofuran
Concen: 41.769 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

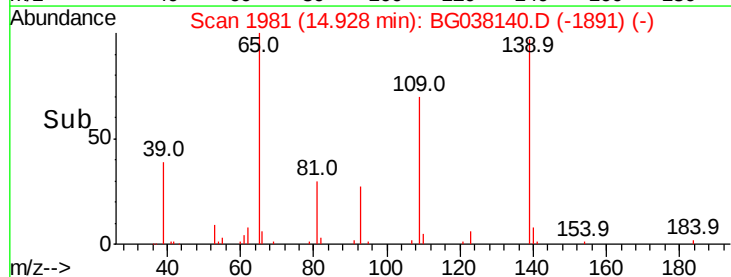
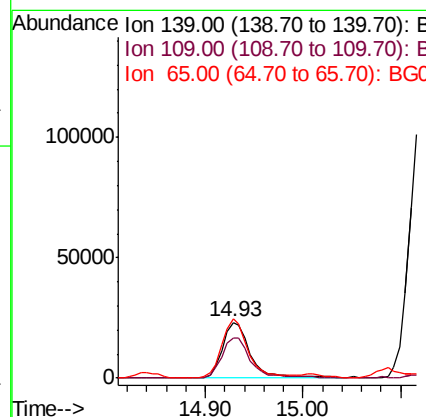
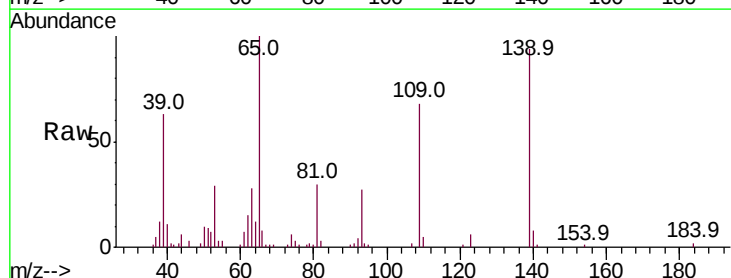
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

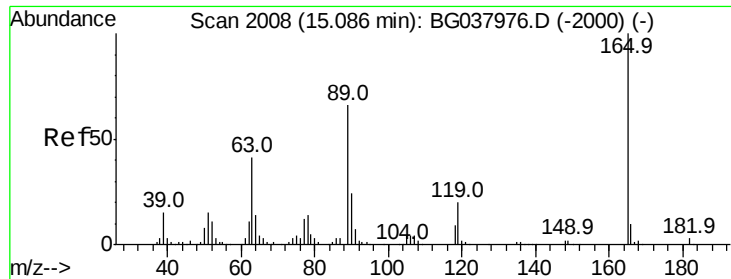
Tot Ion:168 Resp: 474024
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 25.410 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:139 Resp: 45884
Ion Ratio Lower Upper
139 100
109 72.3 49.5 89.5
65 106.5 76.8 116.8

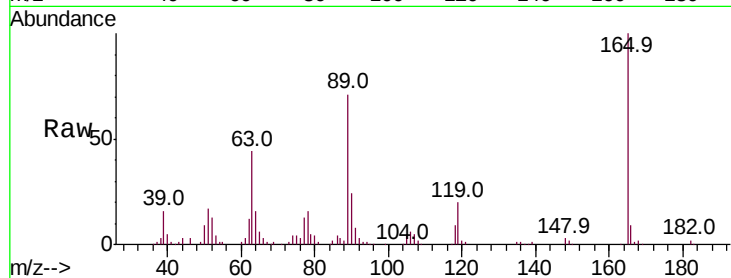




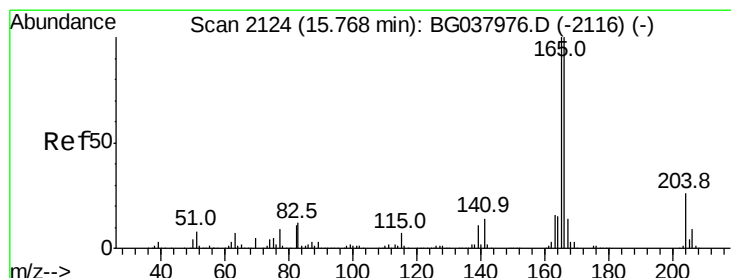
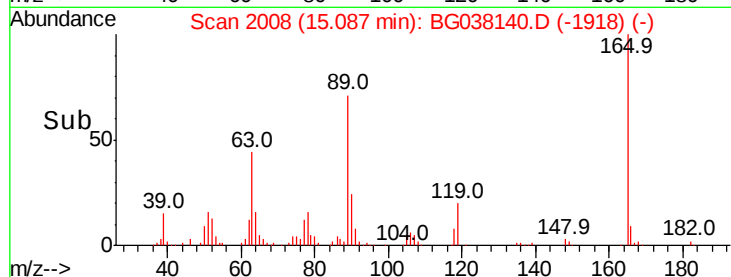
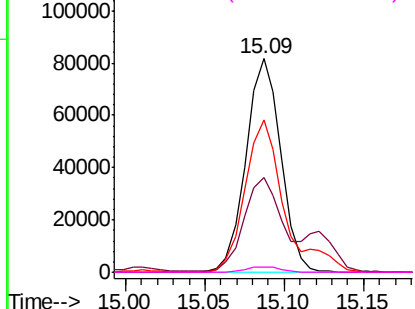
#57
 2,4-Dinitrotoluene
 Concen: 43.310 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion:165 Resp: 125032
 Ion Ratio Lower Upper
 165 100
 63 44.1 33.4 50.0
 89 71.2 57.2 85.8
 182 2.3 2.6 4.0#

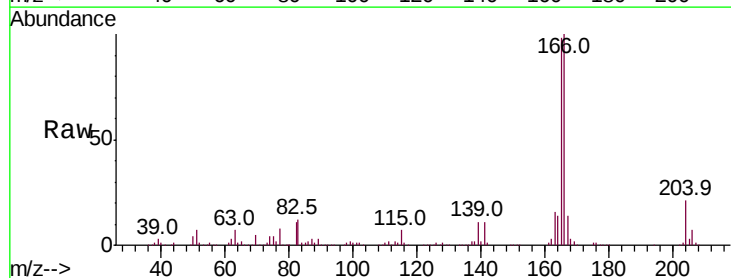


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

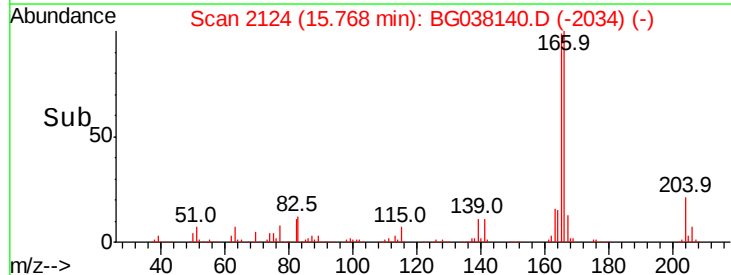
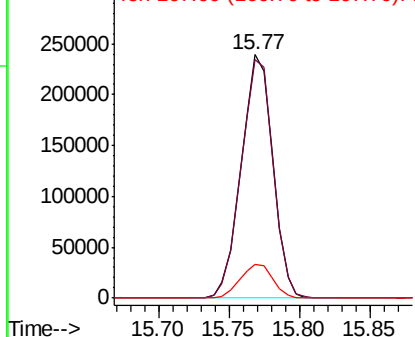


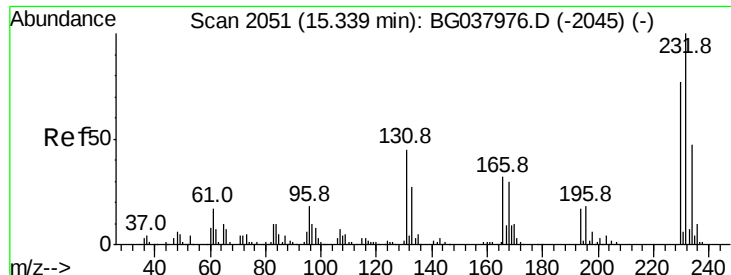
#58
 Fluorene
 Concen: 44.224 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion:166 Resp: 374462
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.0 118.6
 167 13.6 11.3 16.9



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

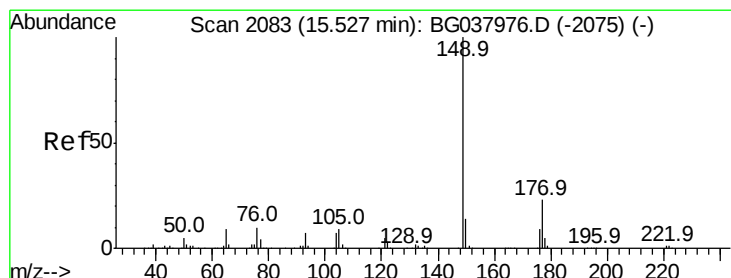
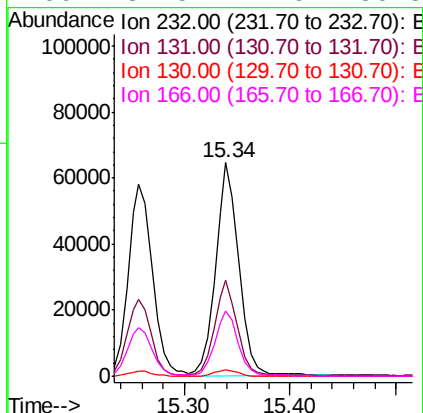
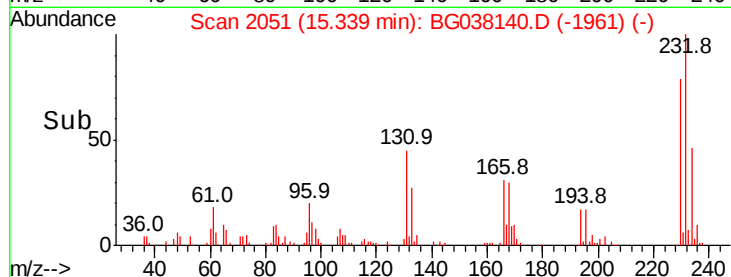
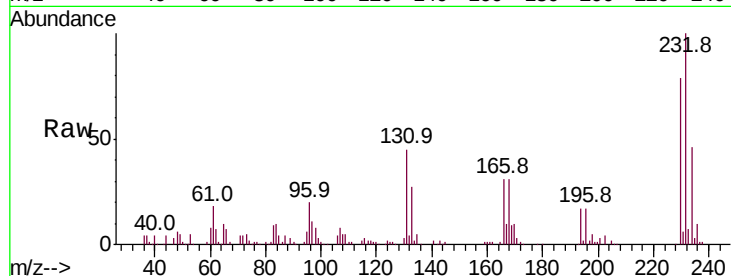




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.573 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

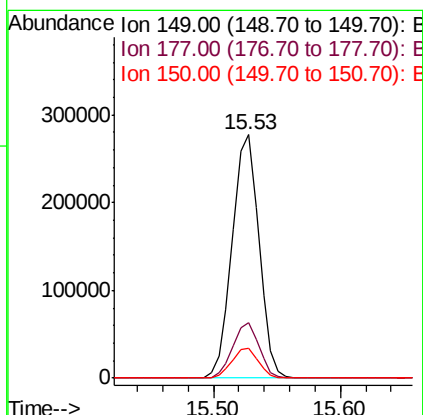
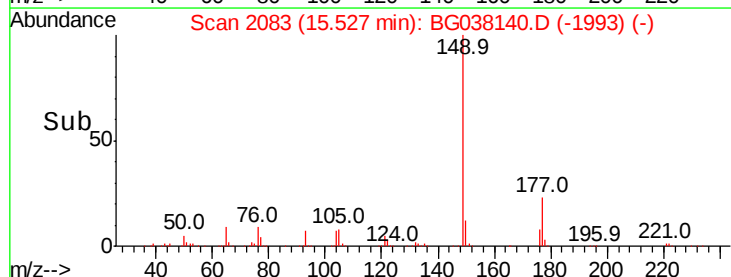
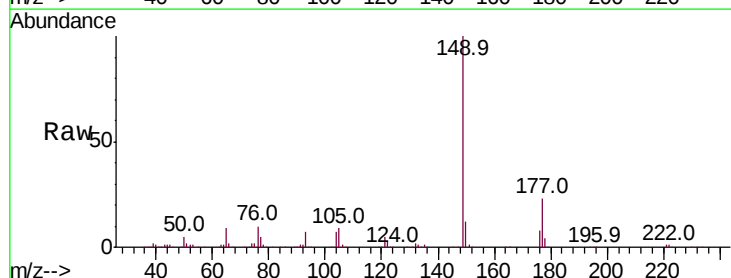
Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion:232 Resp: 98560
 Ion Ratio Lower Upper
 232 100
 131 43.7 33.7 50.5
 130 2.8 2.1 3.1
 166 31.5 24.6 36.8



#60
 Diethylphthalate
 Concen: 40.633 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion:149 Resp: 404606
 Ion Ratio Lower Upper
 149 100
 177 22.6 18.3 27.5
 150 12.2 10.0 15.0





#61

4-Chlorophenyl-phenylether

Concen: 39.180 ng

RT: 15.76 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

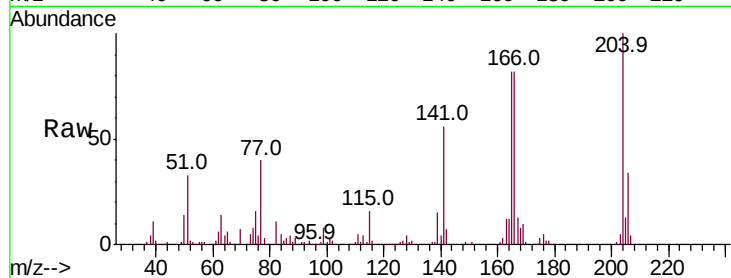
Tot Ion:204 Resp: 194121

Ion Ratio Lower Upper

204 100

206 33.6 26.6 39.8

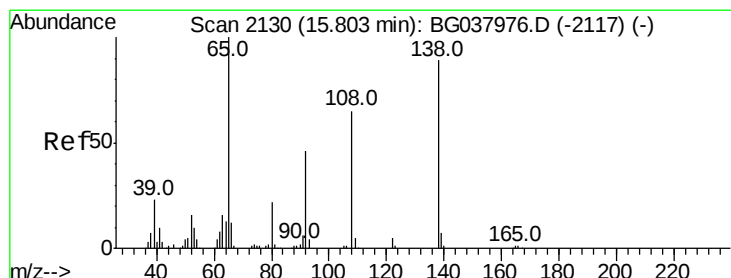
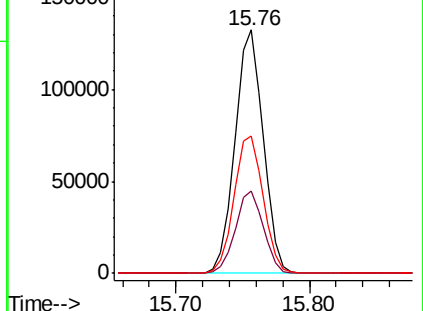
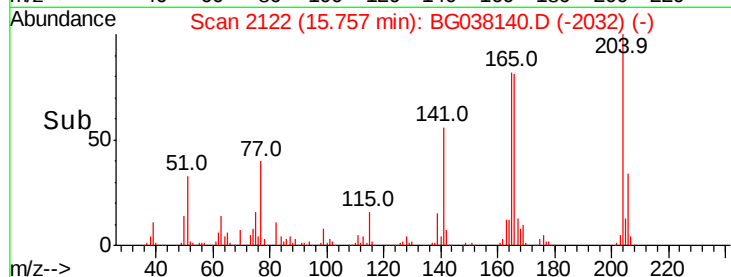
141 56.5 45.4 68.2



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



#62

4-Nitroaniline

Concen: 38.564 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

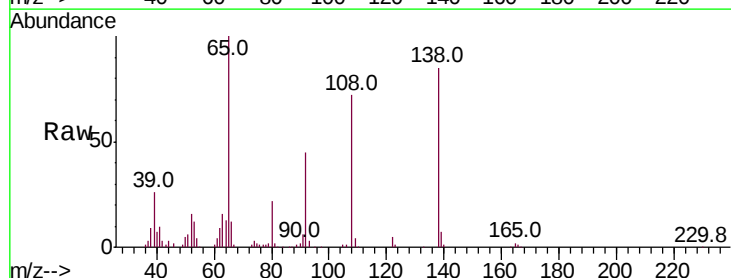
Tgt Ion:138 Resp: 89696

Ion Ratio Lower Upper

138 100

92 52.9 36.4 76.4

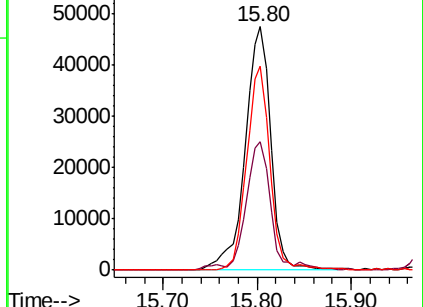
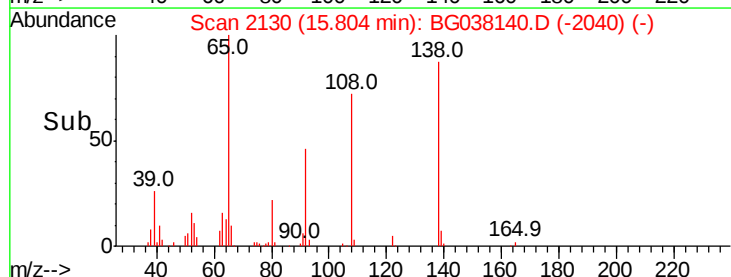
108 83.9 60.1 100.1

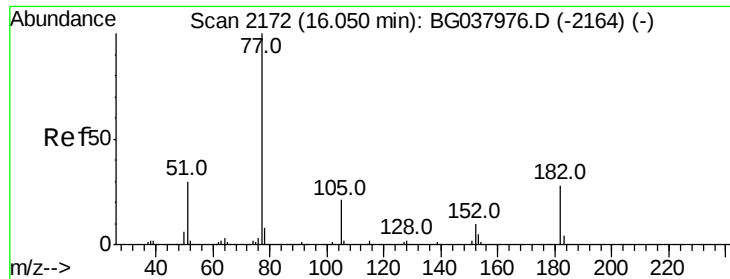


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

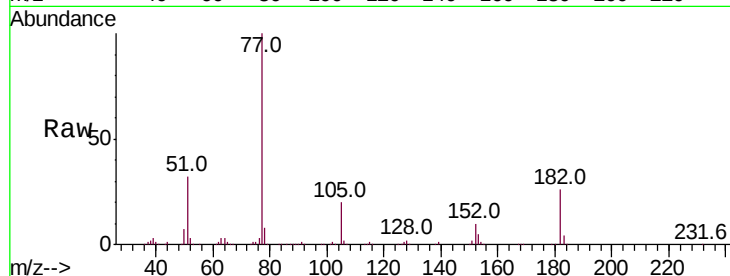




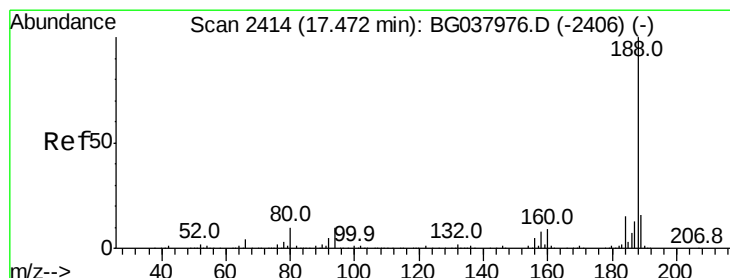
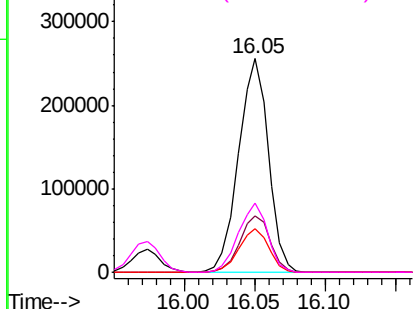
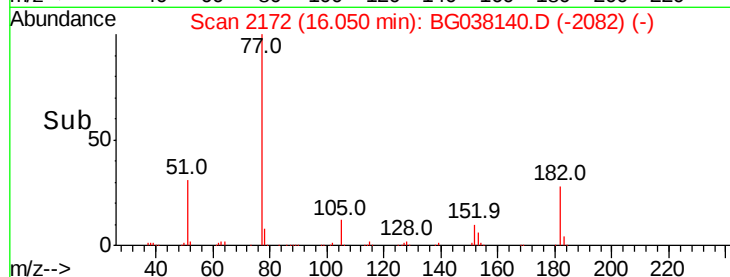
#63
Azobenzene
Concen: 42.234 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tot Ion: 77 Resp: 376019
Ion Ratio Lower Upper
77 100
182 26.2 8.0 48.0
105 20.5 1.3 41.3
51 32.2 10.7 50.7

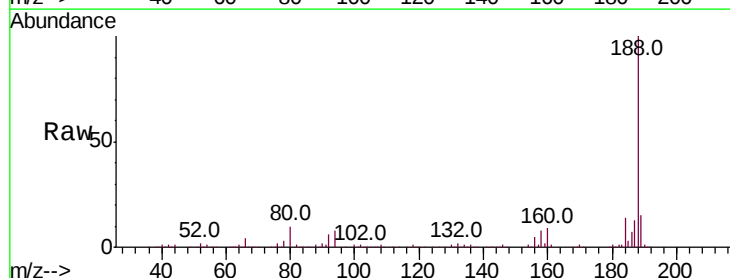


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

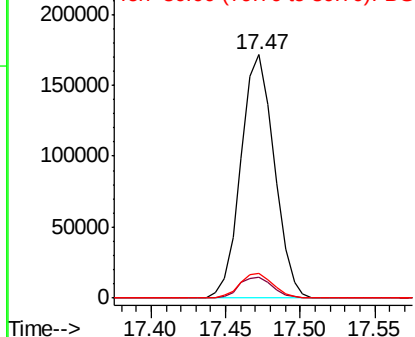
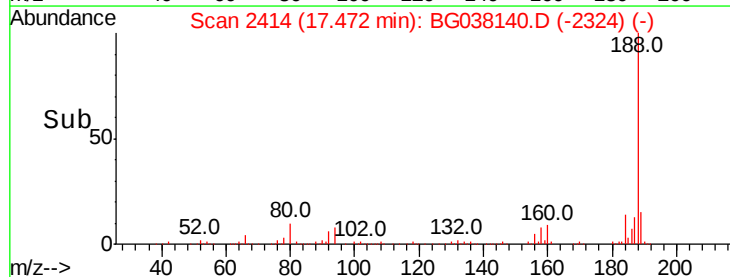


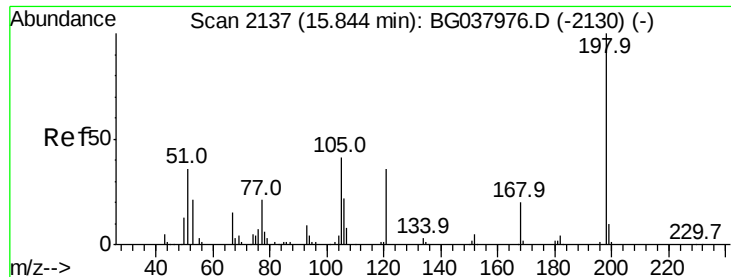
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion: 188 Resp: 266286
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.9 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.542 ng

RT: 15.84 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

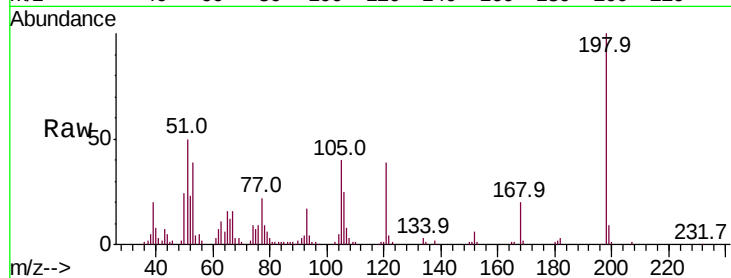
Tot Ion:198 Resp: 63231

Ion Ratio Lower Upper

198 100

51 50.1 22.7 62.7

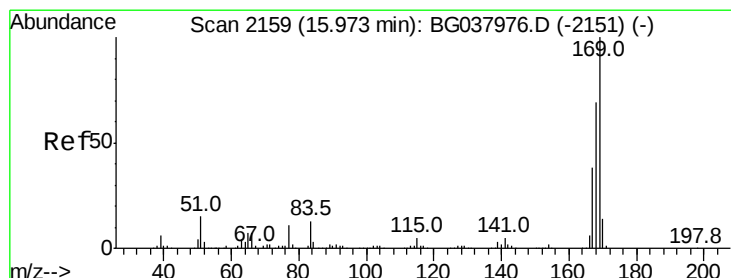
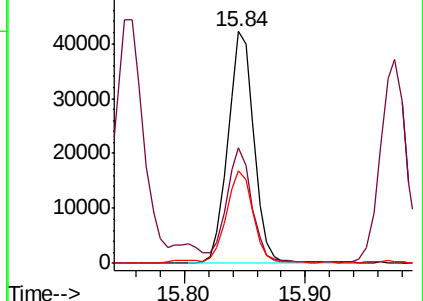
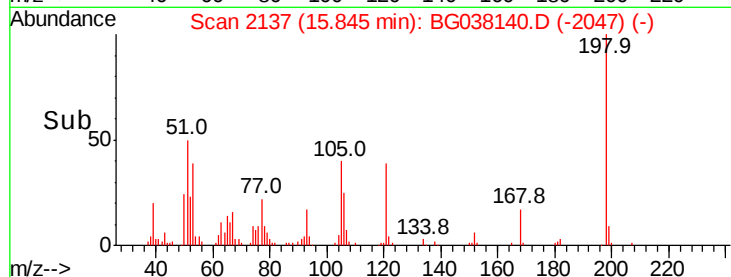
105 39.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.590 ng

RT: 15.97 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

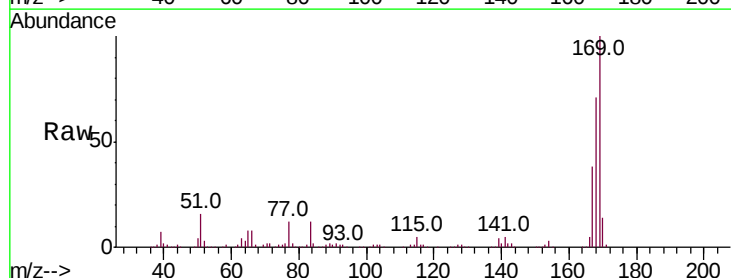
Tgt Ion:169 Resp: 335044

Ion Ratio Lower Upper

169 100

168 71.3 55.7 83.5

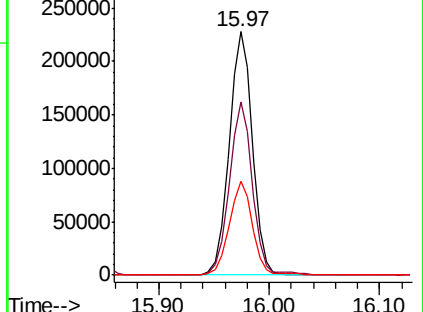
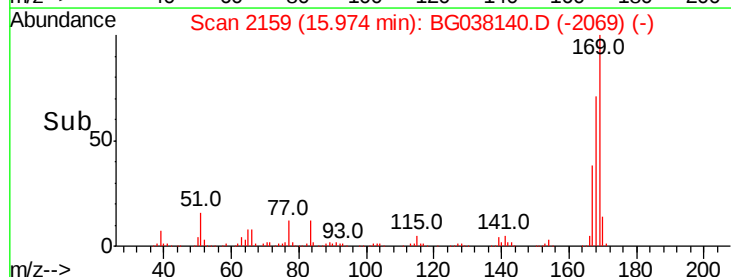
167 38.3 31.3 46.9

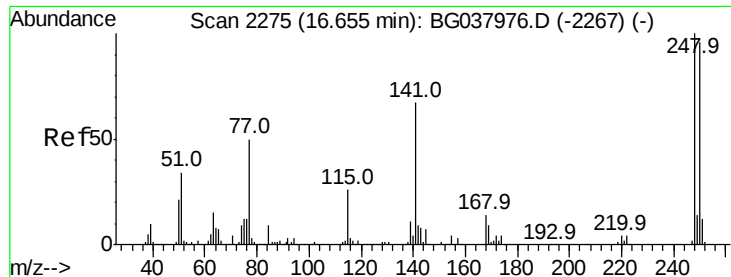


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

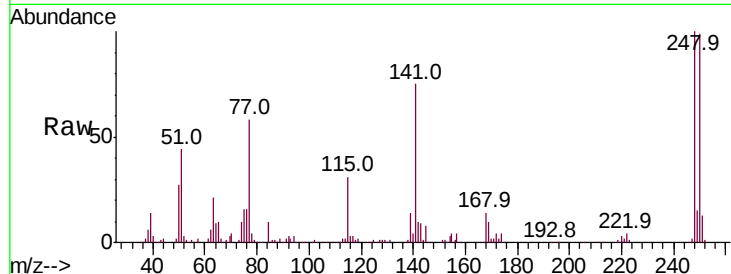




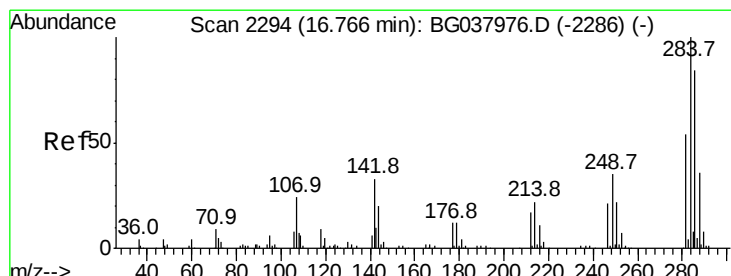
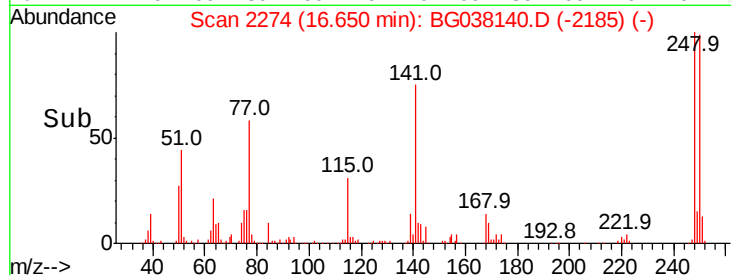
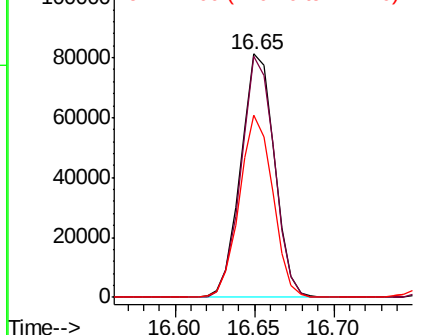
#67
 4-Bromophenyl-phenylether
 Concen: 40.959 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion:248 Resp: 119712
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.0 115.6
 141 74.6 55.5 83.3

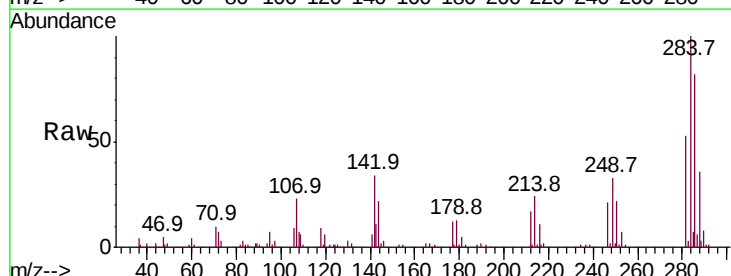


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

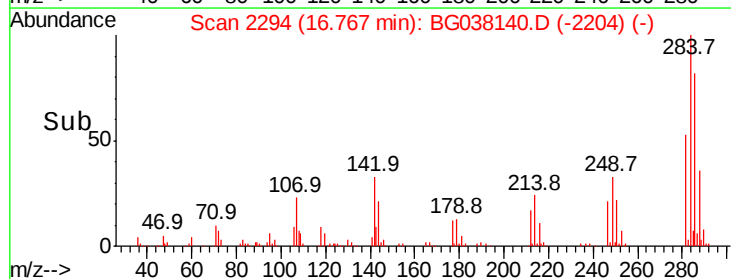
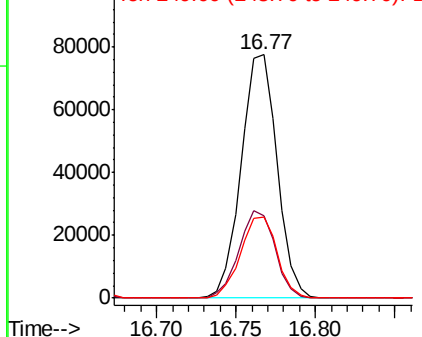


#68
 Hexachlorobenzene
 Concen: 40.524 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion:284 Resp: 122254
 Ion Ratio Lower Upper
 284 100
 142 33.9 28.1 42.1
 249 35.6 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

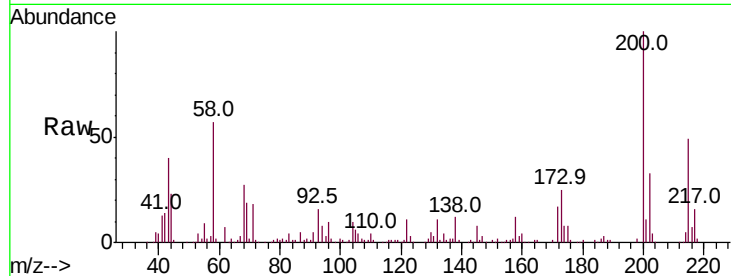




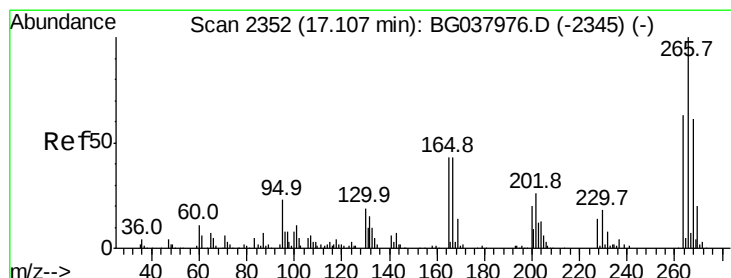
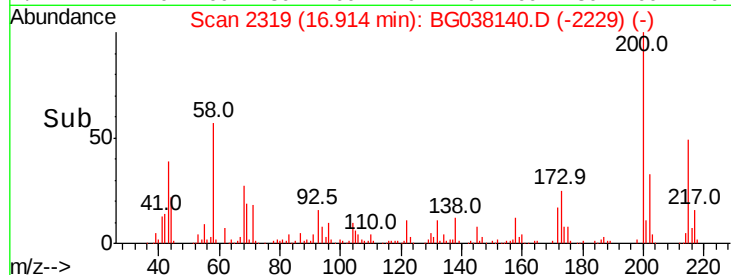
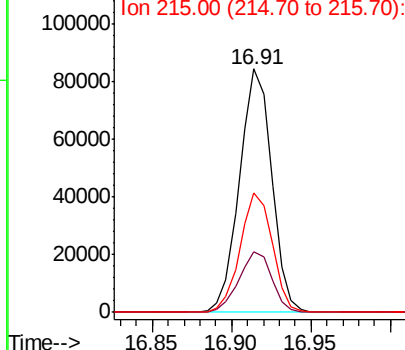
#69
 Atrazine
 Concen: 40.150 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

Tot Ion:200 Resp: 119233
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.1 46.1
 215 49.3 30.8 70.8

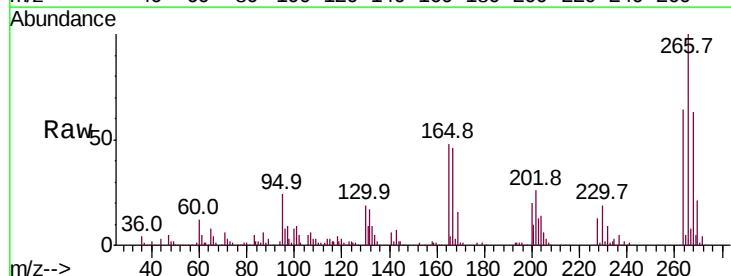


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

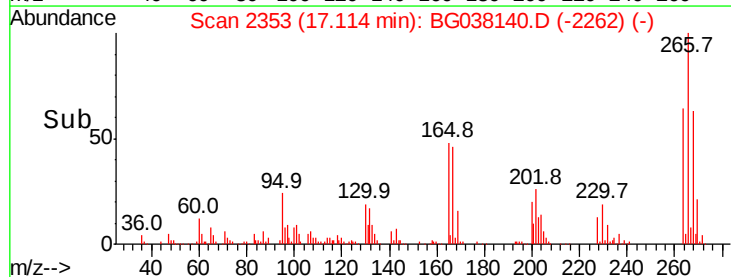
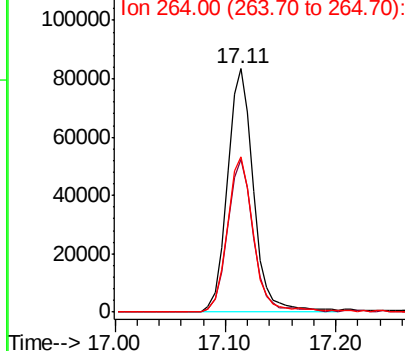


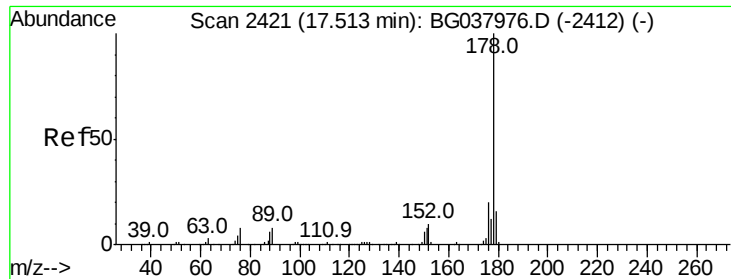
#70
 Pentachlorophenol
 Concen: 67.413 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion:266 Resp: 138124
 Ion Ratio Lower Upper
 266 100
 268 67.3 55.0 82.6
 264 68.6 58.9 88.3



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

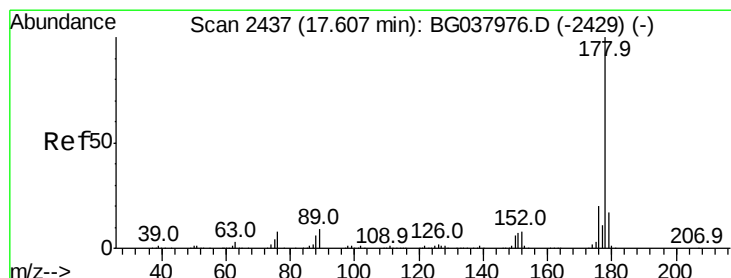
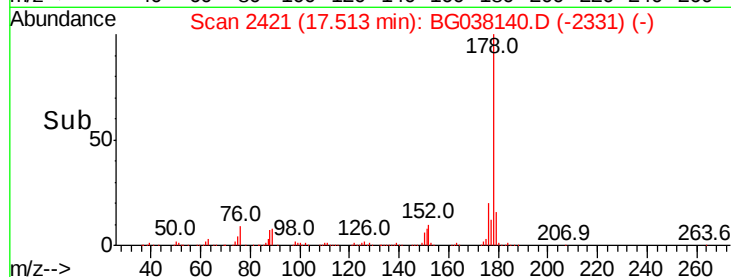
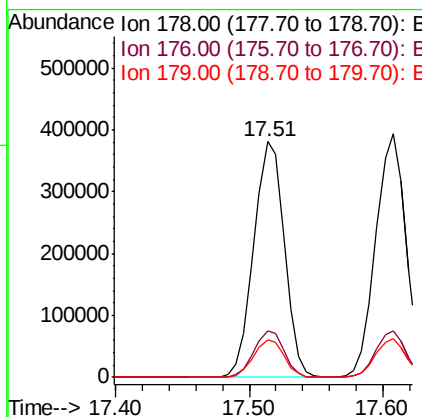
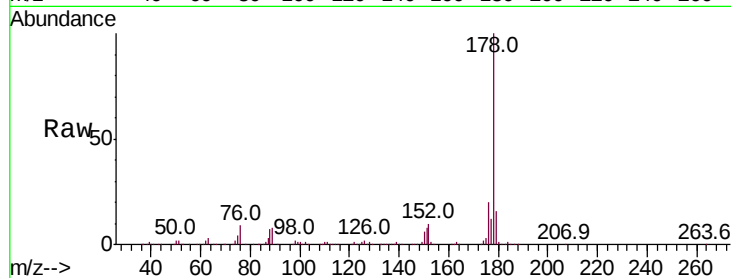




#71
Phenanthrene
Concen: 44.173 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

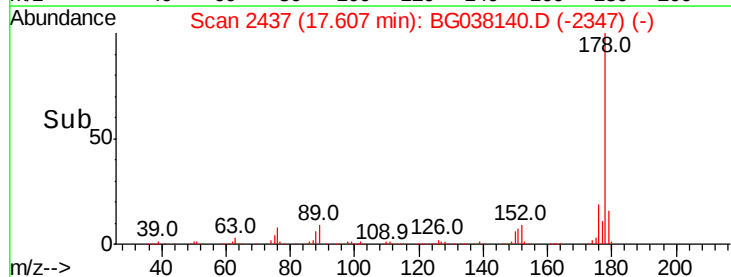
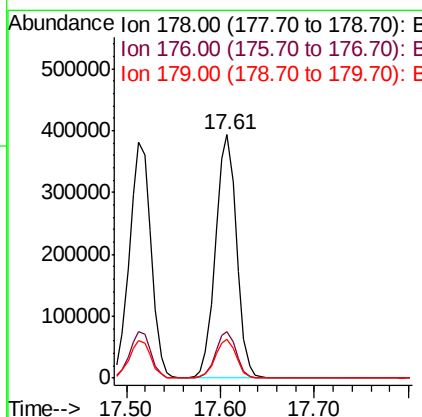
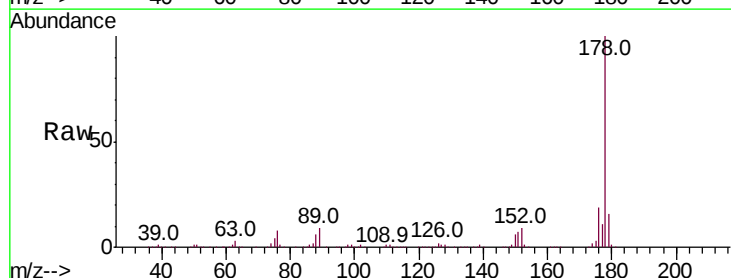
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

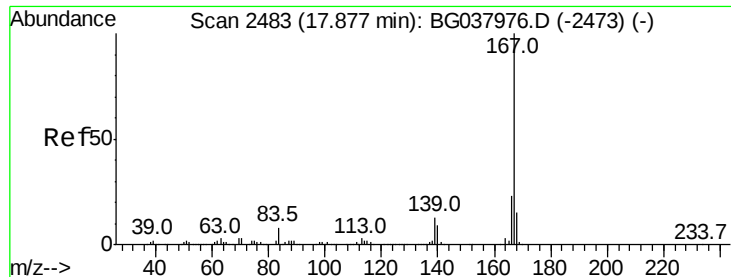
Tot Ion:178 Resp: 602237
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.8 13.0 19.4



#72
Anthracene
Concen: 45.794 ng
RT: 17.61 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:178 Resp: 615422
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.1 12.8 19.2

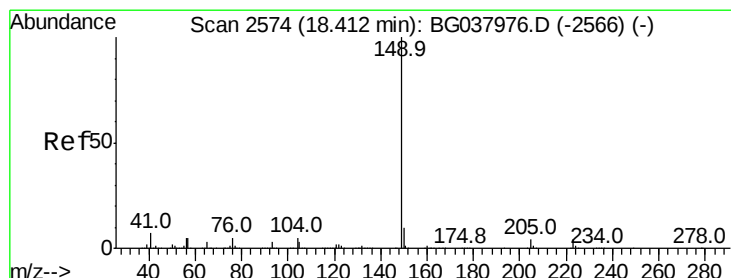
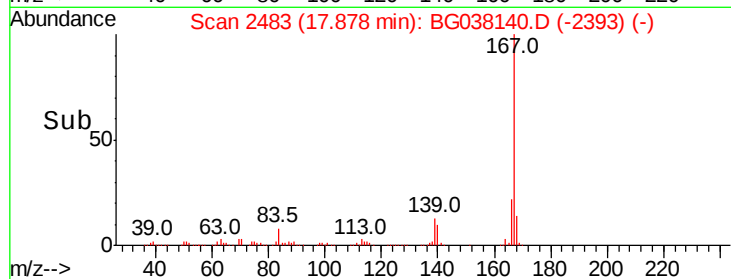
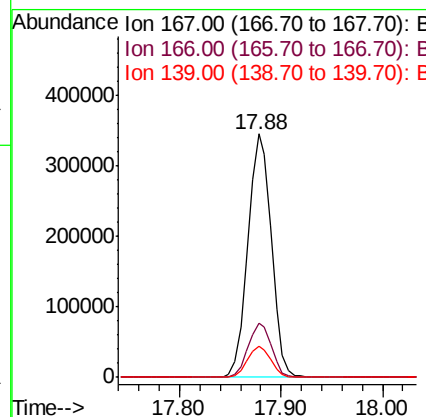
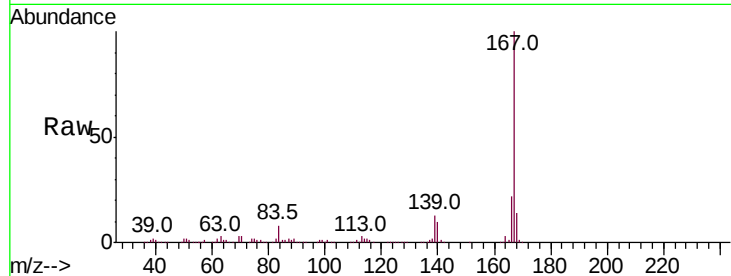




#73
 Carbazole
 Concen: 41.034 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

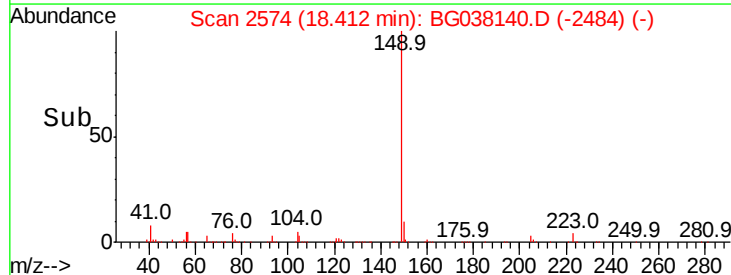
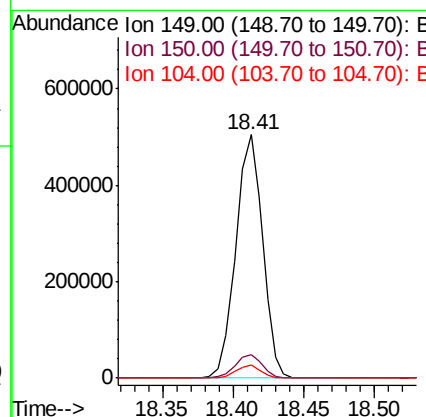
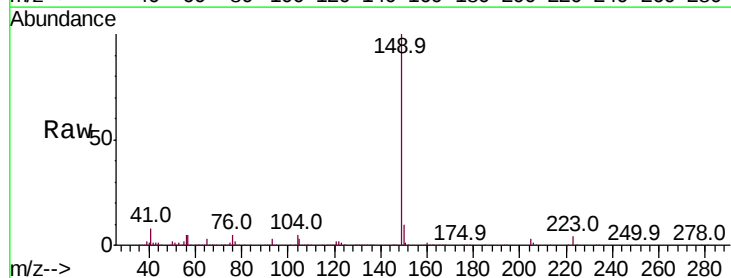
Instrument :
 BNA_G
 ClientSampleId :
 VTW-02MS

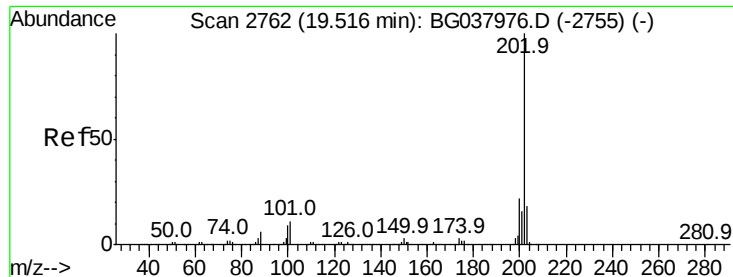
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	12.7	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 43.996 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG038140.D
 Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 44.407 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

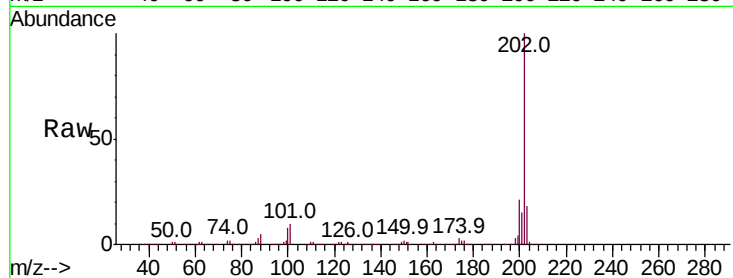
Tot Ion:202 Resp: 690743

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

203 18.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.52

400000

300000

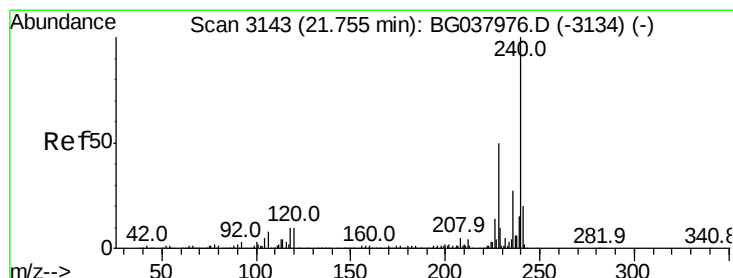
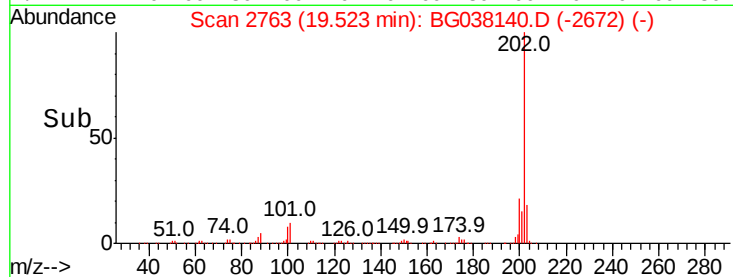
200000

100000

0

19.50 19.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

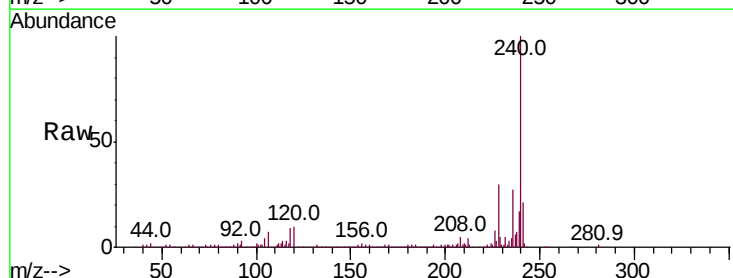
Tgt Ion:240 Resp: 234921

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 26.6 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.76

150000

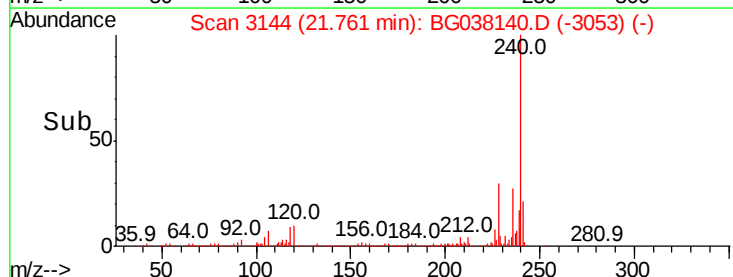
100000

50000

0

21.70 21.80

Time-->





#77

Benzidine

Concen: 7.890 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

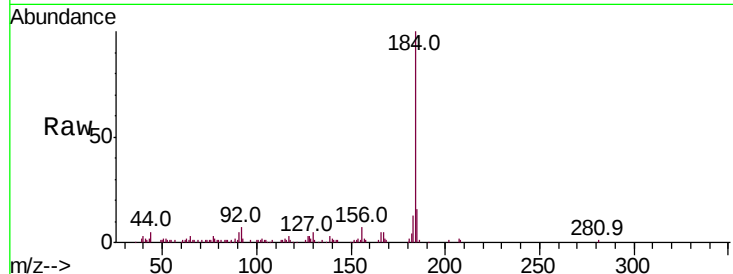
Tot Ion:184 Resp: 65039

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

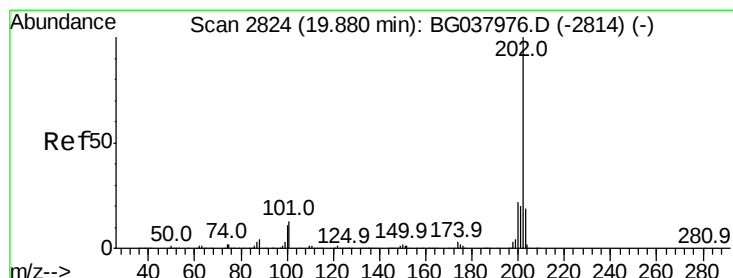
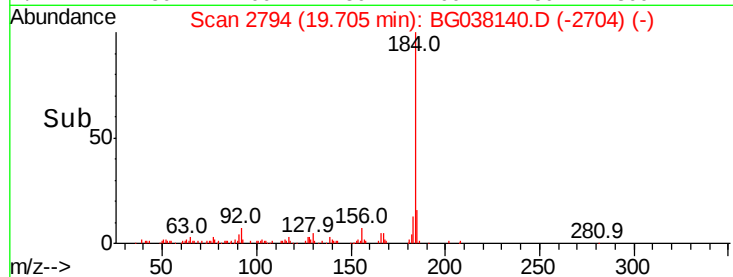
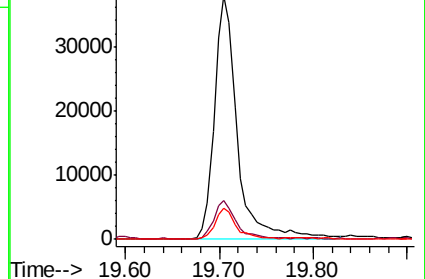
183 12.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.518 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

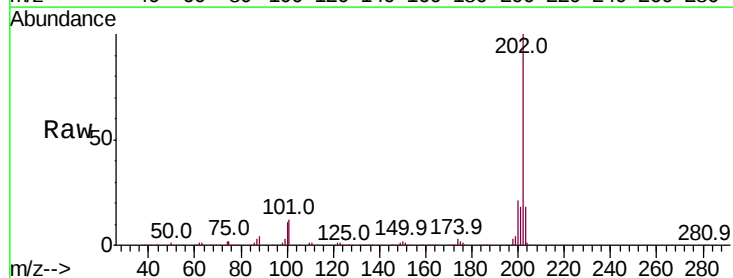
Tgt Ion:202 Resp: 699122

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

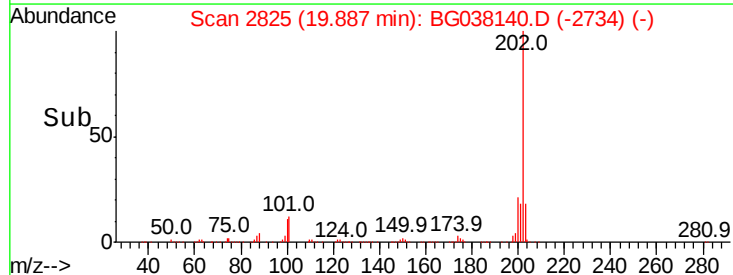
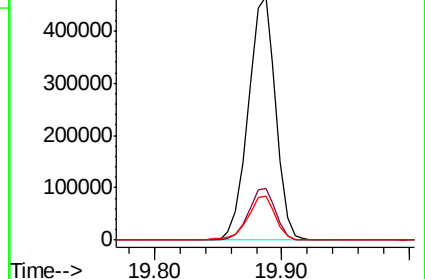
203 18.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.070 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

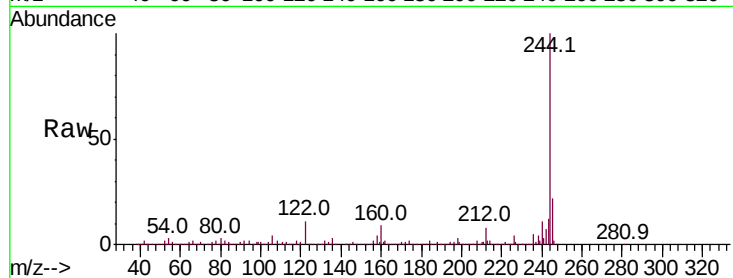
Tot Ion:244 Resp: 839341

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

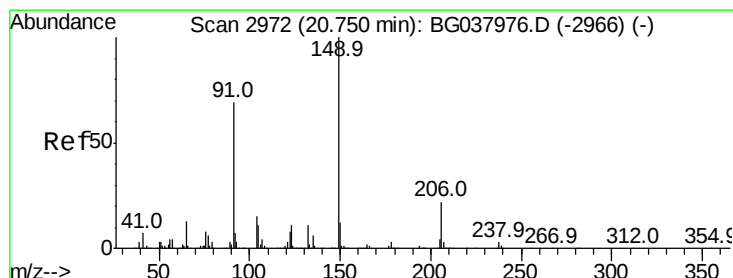
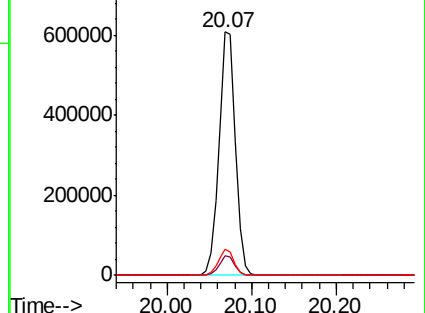
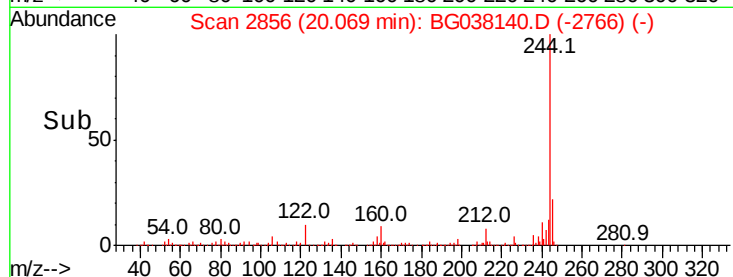
122 10.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.177 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

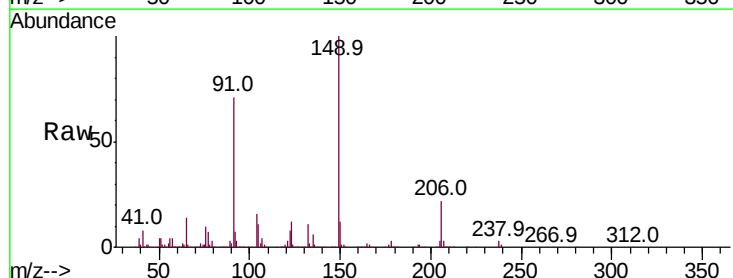
Tgt Ion:149 Resp: 303446

Ion Ratio Lower Upper

149 100

91 71.4 57.0 85.4

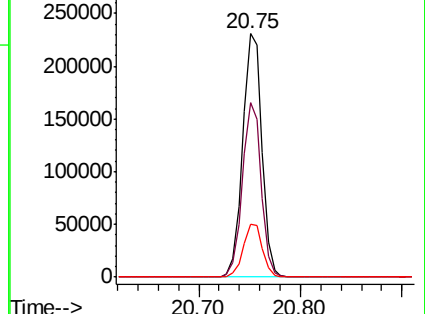
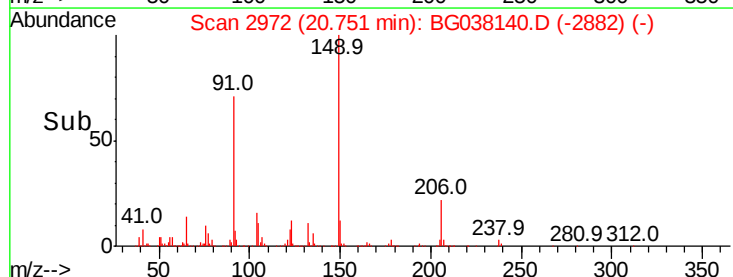
206 21.6 17.8 26.6

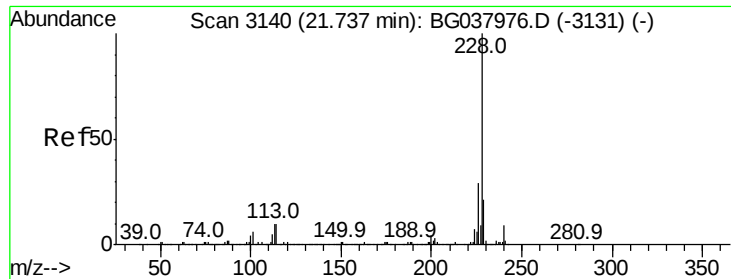


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.807 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

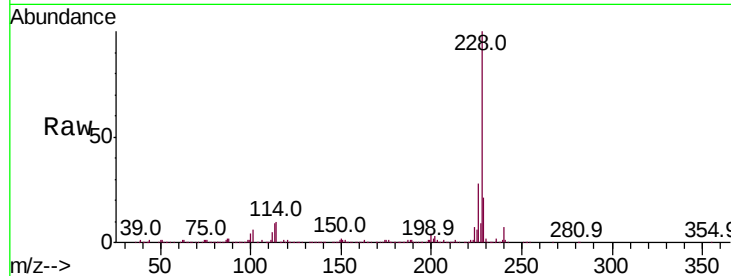
Tot Ion:228 Resp: 650298

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

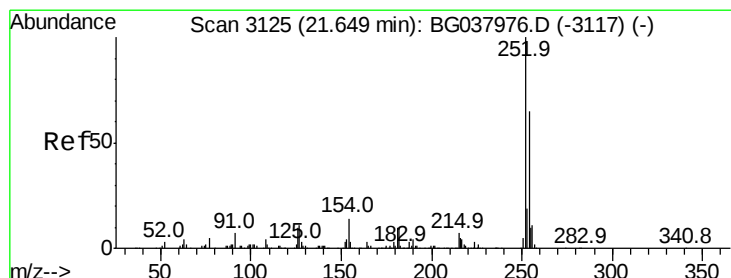
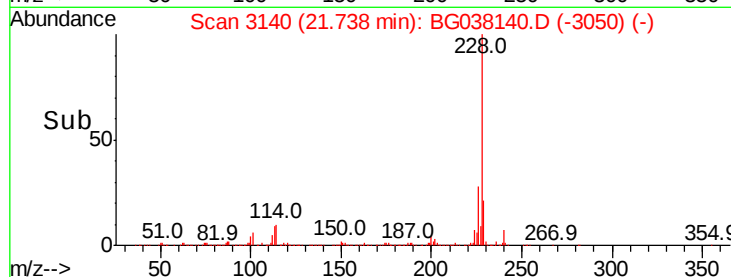
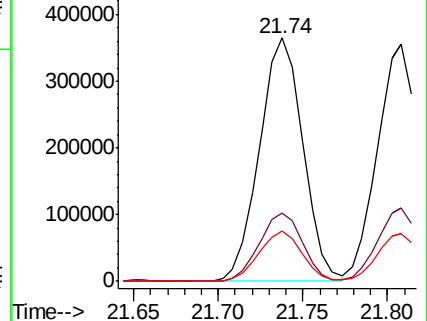
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.535 ng

RT: 21.66 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

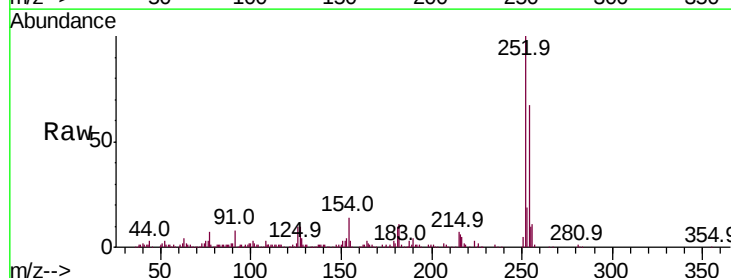
Tgt Ion:252 Resp: 168860

Ion Ratio Lower Upper

252 100

254 66.5 52.0 78.0

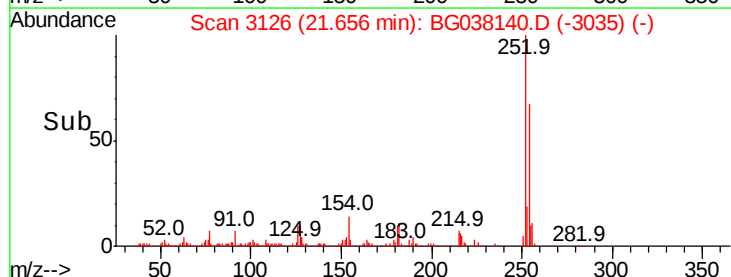
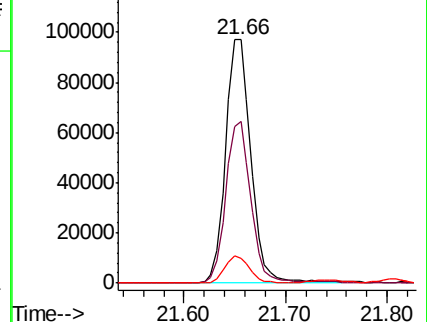
126 10.3 8.2 12.4

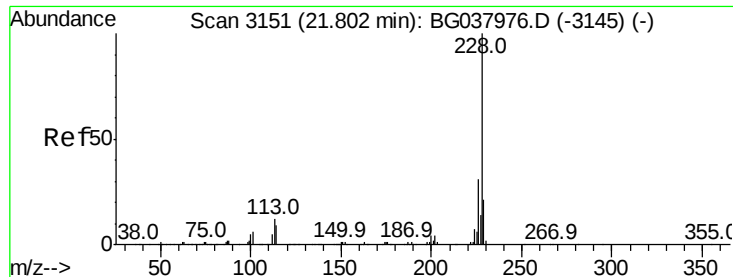


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.924 ng

RT: 21.81 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

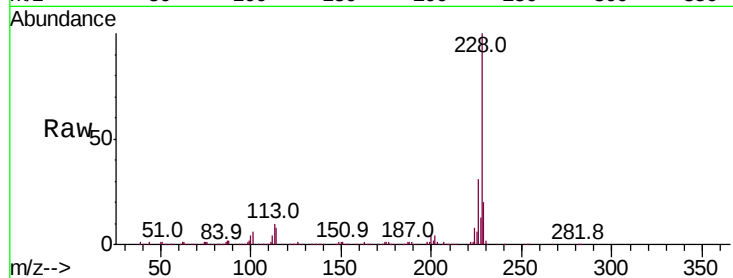
Tot Ion:228 Resp: 610206

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

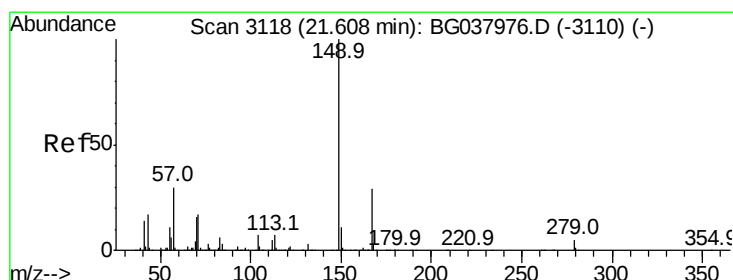
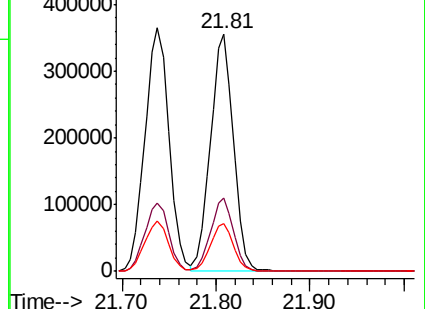
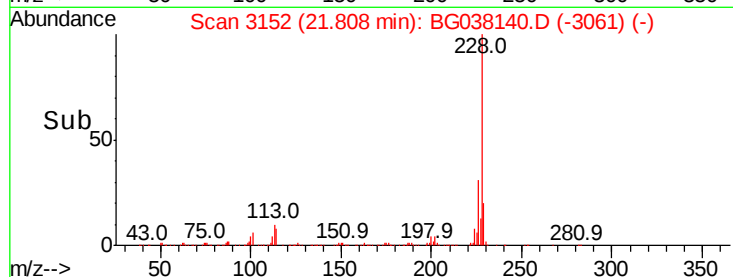
229 20.3 16.5 24.7



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

Bis(2-ethylhexyl)phthalate

Concen: 45.050 ng

RT: 21.61 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

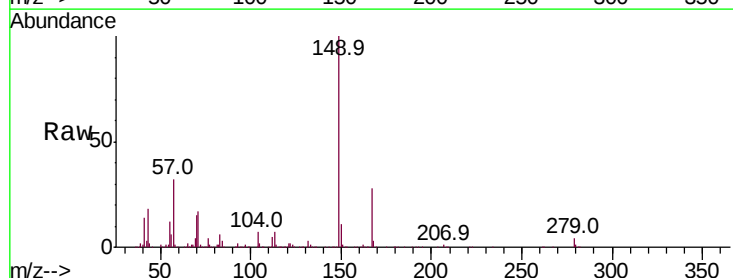
Tgt Ion:149 Resp: 431528

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

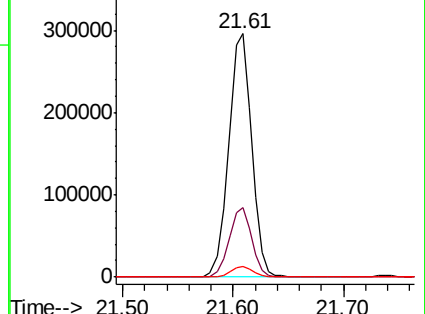
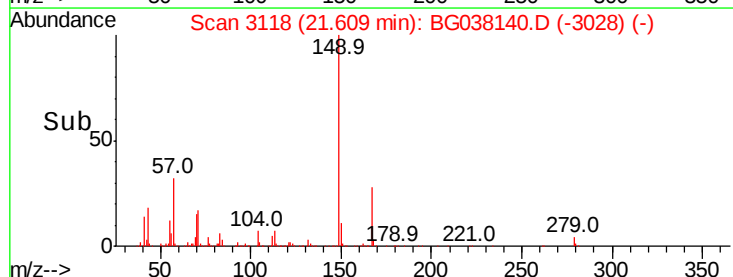
279 4.4 3.6 5.4

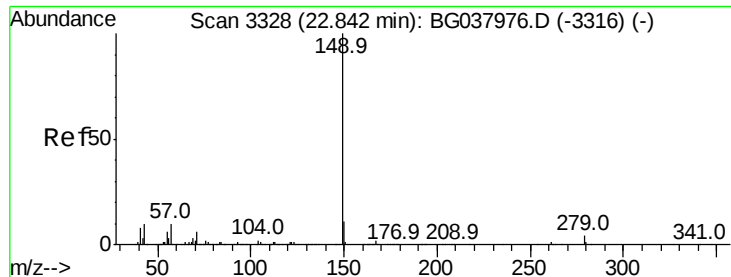


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

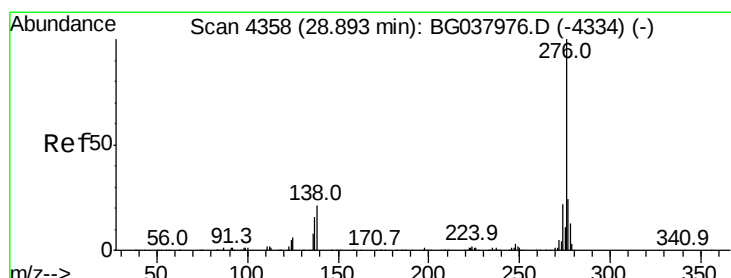
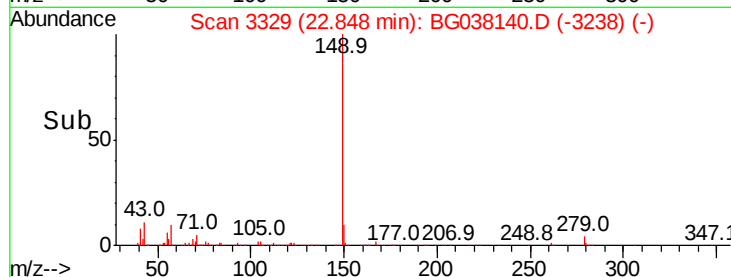
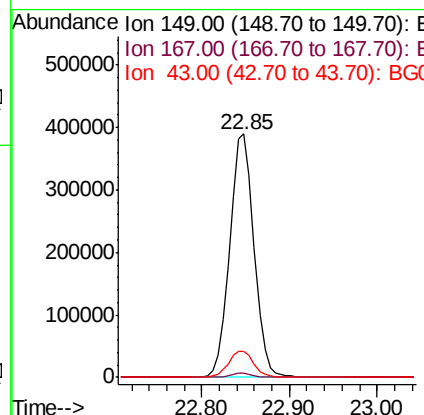
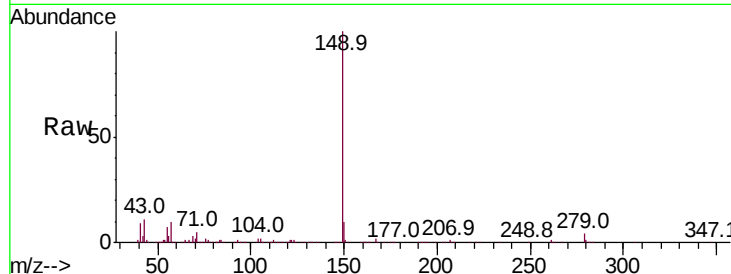




#85
Di-n-octyl phthalate
Concen: 47.557 ng
RT: 22.85 min Scan# 3329
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

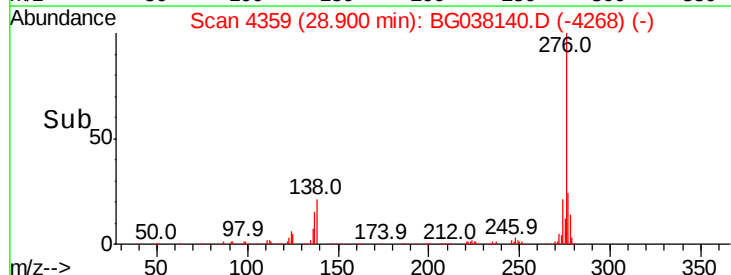
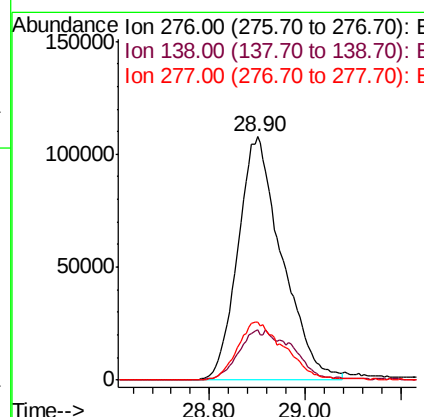
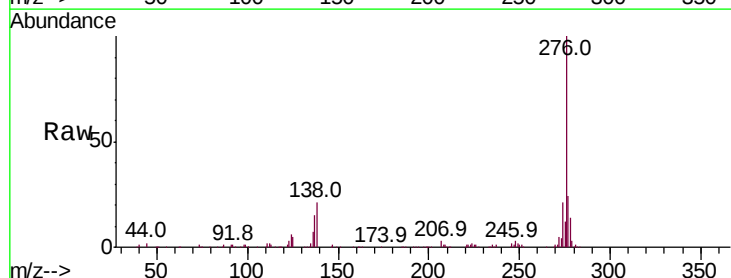
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

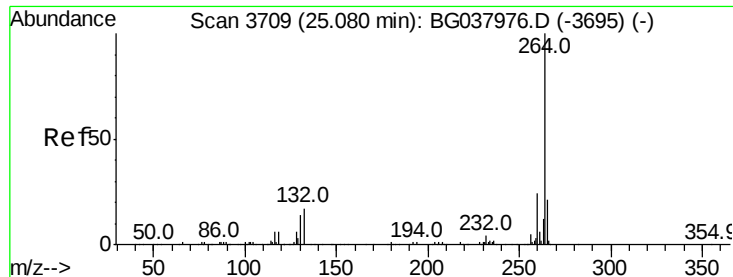
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.9	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.550 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.0	18.0#
277	25.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

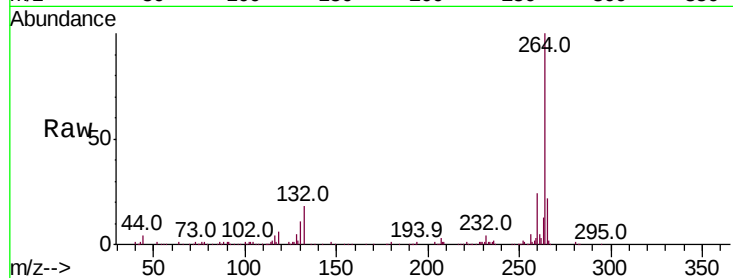
BNA_G

ClientSampleId :

VTW-02MS

Tot Ion:264 Resp: 250927

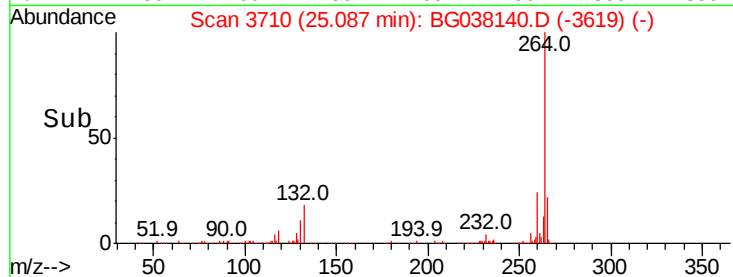
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	17.9	26.9



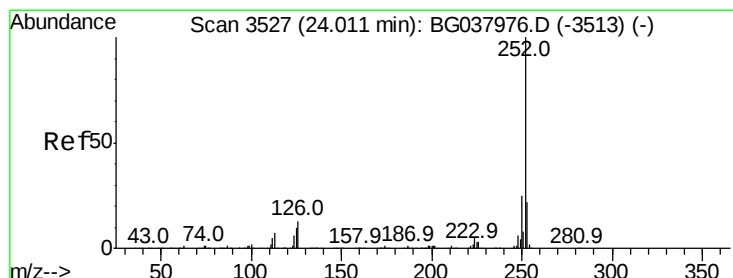
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 24.90 25.00 25.10 25.20



#88

Benzo(b)fluoranthene

Concen: 45.860 ng

RT: 24.02 min Scan# 3528

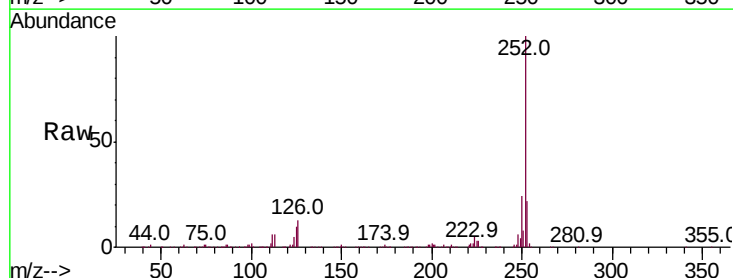
Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Tgt Ion:252 Resp: 633267

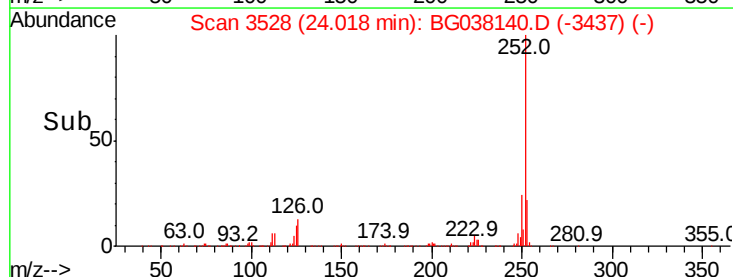
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.9	7.8	11.6



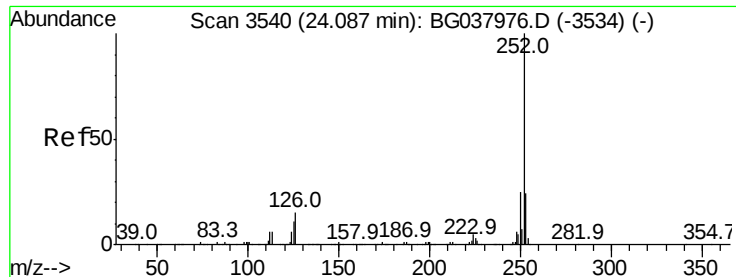
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



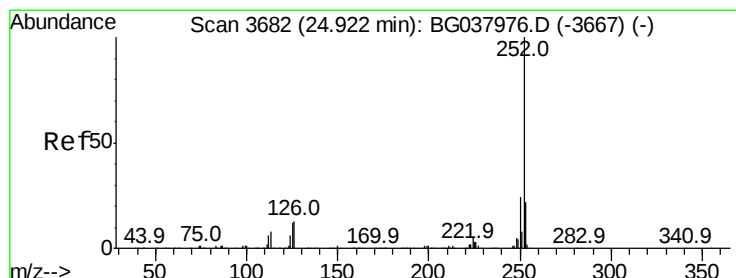
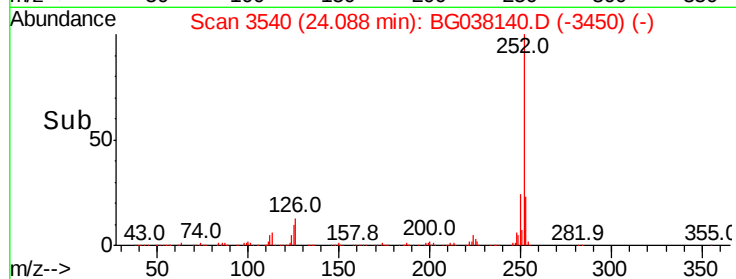
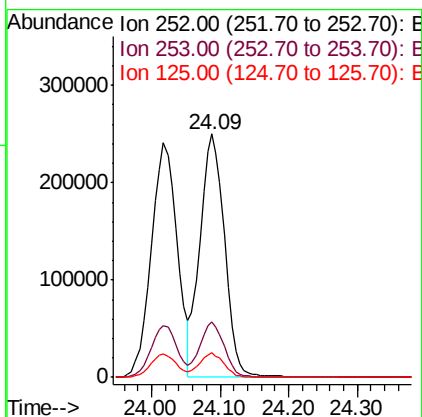
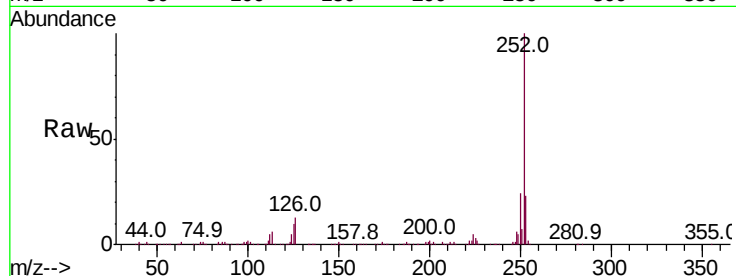
Time--> 23.90 24.00 24.10 24.20



#89
Benzo(k)fluoranthene
Concen: 45.808 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

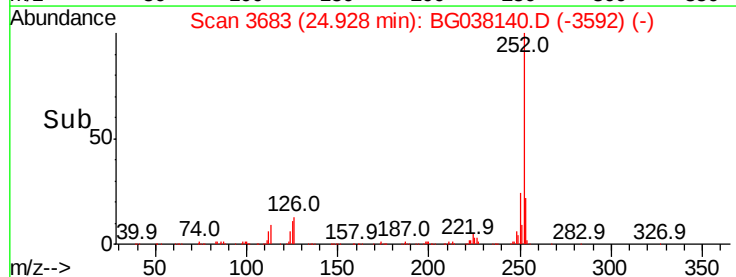
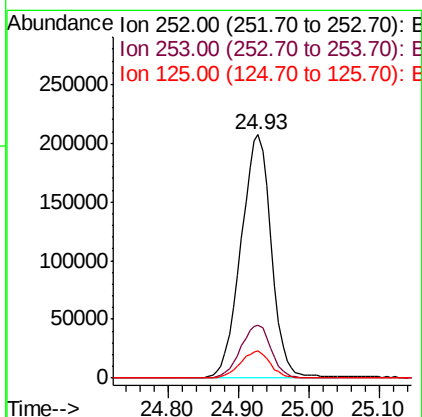
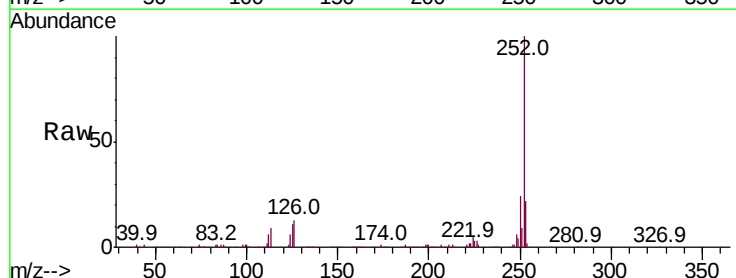
Instrument :
BNA_G
ClientSampleId :
VTW-02MS

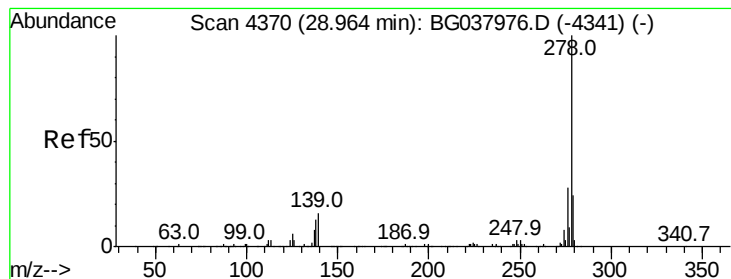
Tot Ion:252 Resp: 624170
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.064 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:252 Resp: 621090
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 45.467 ng

RT: 28.97 min Scan# 4371

Delta R.T. 0.01 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

Instrument :

BNA_G

ClientSampleId :

VTW-02MS

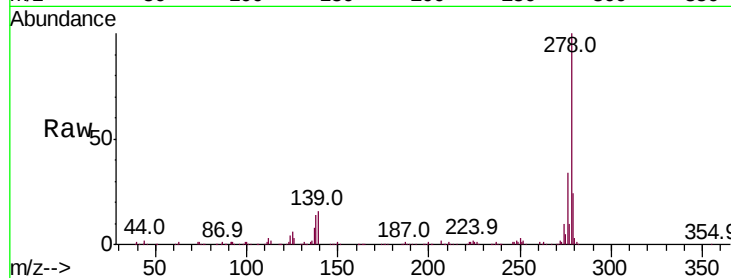
Tot Ion:278 Resp: 577320

Ion Ratio Lower Upper

278 100

139 15.8 11.5 17.3

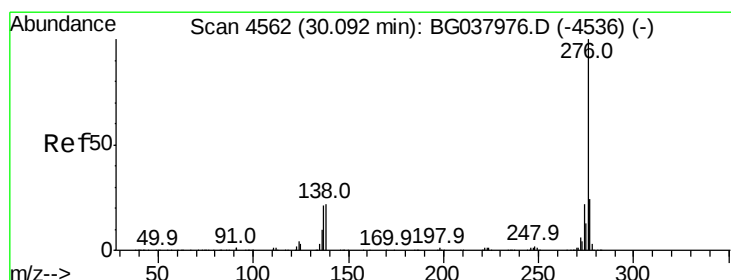
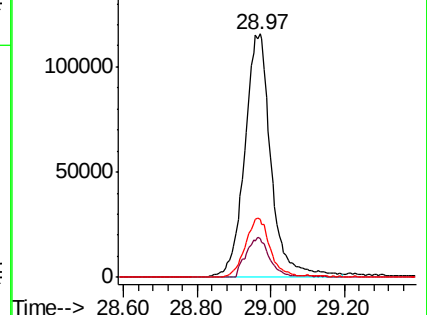
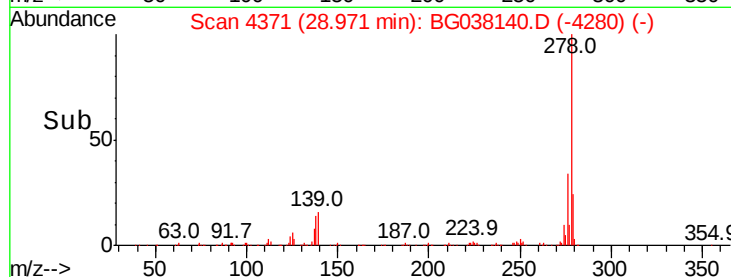
279 23.9 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 45.890 ng

RT: 30.11 min Scan# 4565

Delta R.T. 0.02 min

Lab File: BG038140.D

Acq: 26 Nov 2018 18:06

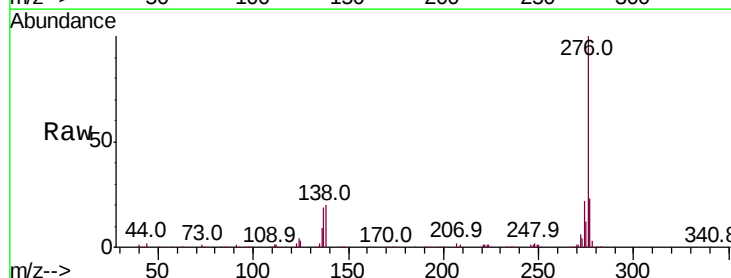
Tgt Ion:276 Resp: 579375

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 19.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

