Quantitation Report (QT Reviewed)

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

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Misc :
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Instrument : BNA_G
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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)
41) Hexachlorocyclopentadiene	12.88	237	180768	85.430	ng		97
43) 2,4,6-Trichlorophenol	13.15	196	105751	39.273	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	111210	39.251	ng		96
46) 1,1'-Biphenyl	13.56	154	392964	39.554	ng		99
47) 2-Chloronaphthalene	13.61	162	308594	40.706	ng		99
48) 2-Nitroaniline	13.82	65	104996	44.005	ng		97
49) Acenaphthylene	14.45	152	505927	44.378	ng		100
50) Dimethylphthalate	14.17	163	394134	42.041	ng		99
51) 2,6-Dinitrotoluene	14.31	165	90050	42.440	ng		99
52) Acenaphthene	14.79	154	291457	42.466	ng		97
53) 3-Nitroaniline	14.64	138	74472	31.807	ng		98
54) 2,4-Dinitrophenol	14.84	184	86202	75.824	ng		90
55) Dibenzofuran	15.12	168	474024	41.769	ng		99
56) 4-Nitrophenol	14.93	139	45884	25.410	ng		93
57) 2,4-Dinitrotoluene	15.09	165	125032	43.310	ng	#	98
58) Fluorene	15.77	166	374462	44.224	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	98560	41.573	ng		98
60) Diethylphthalate	15.53	149	404606	40.633	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	194121	39.180	ng		99
62) 4-Nitroaniline	15.80	138	89696	38.564	ng		95
63) Azobenzene	16.05	77	376019	42.234	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	63231	37.542	ng		94
66) n-Nitrosodiphenylamine	15.97	169	335044	41.590	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	119712	40.959	ng		96
68) Hexachlorobenzene	16.77	284	122254	40.524	ng		98
69) Atrazine	16.91	200	119233	40.150	ng		98
70) Pentachlorophenol	17.11	266	138124	67.413	ng		96
71) Phenanthrene	17.51	178	602237	44.173	ng		99
72) Anthracene	17.61	178	615422	45.794	ng		99
73) Carbazole	17.88	167	553273	41.034	ng		99
74) Di-n-butylphthalate	18.41	149	665905	43.996	ng		99
75) Fluoranthene	19.52	202	690743	44.407	ng		99
77) Benzidine	19.70	184	65039	7.890	ng		99
78) Pyrene	19.89	202	699122	45.518	ng		98
80) Butylbenzylphthalate	20.75	149	303446	45.177	ng		99
81) Benzo(a)anthracene	21.74	228	650298	45.807	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	168860	30.535	ng		98
83) Chrysene	21.81	228	610206	44.924	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	431528	45.050	ng		100
85) Di-n-octyl phthalate	22.85	149	736981	47.557	ng		100
86) Indeno(1,2,3-cd)pyrene	28.90	276	687158	45.550	ng	#	97
88) Benzo(b)fluoranthene	24.02	252	633267	45.860	ng		99
89) Benzo(k)fluoranthene	24.09	252	624170	45.808	ng		98
90) Benzo(a)pyrene	24.93	252	621090	47.064	ng		100
91) Dibenzo(a,h)anthracene	28.97	278	577320	45.467	ng		98
92) Benzo(g,h,i)perylene	30.11	276	579375	45.890	ng		98

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

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Instrument :
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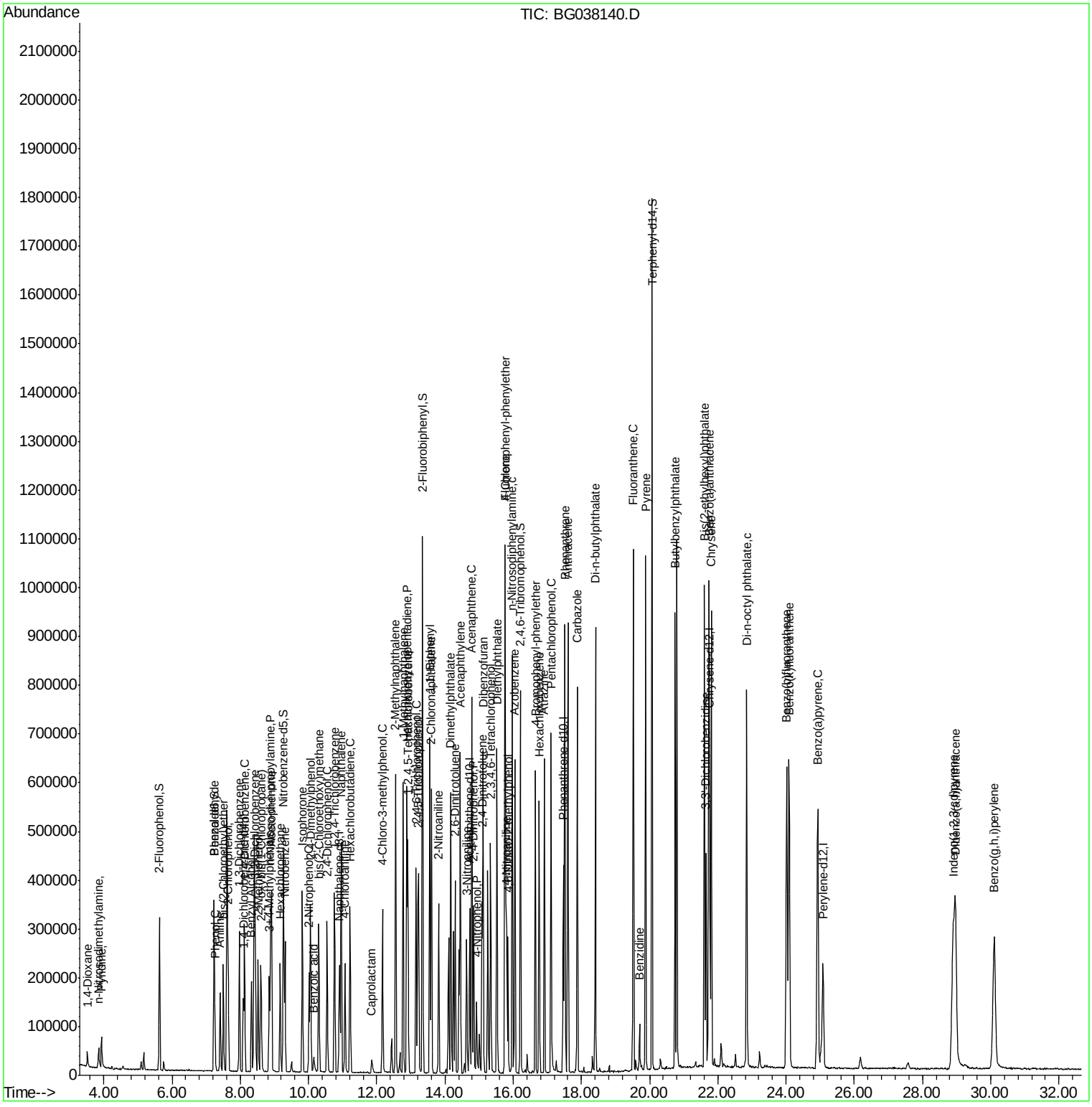
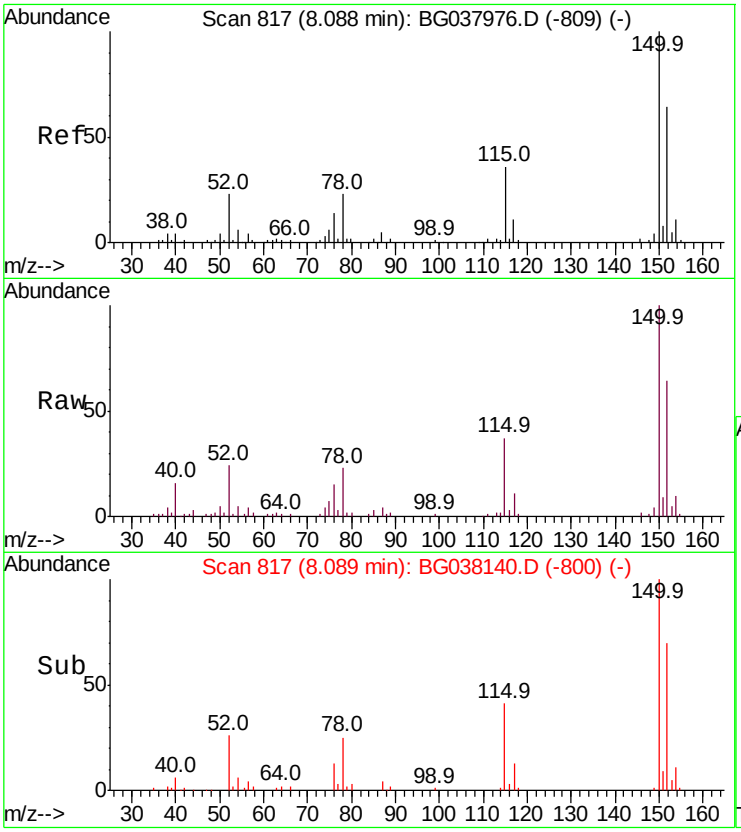


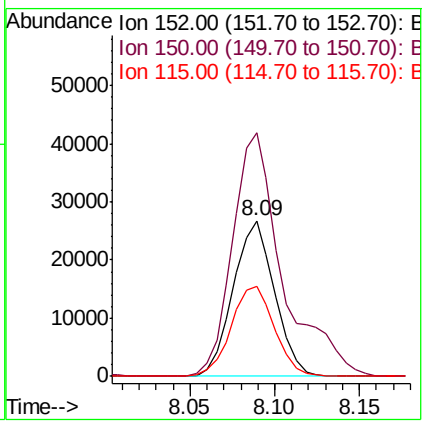


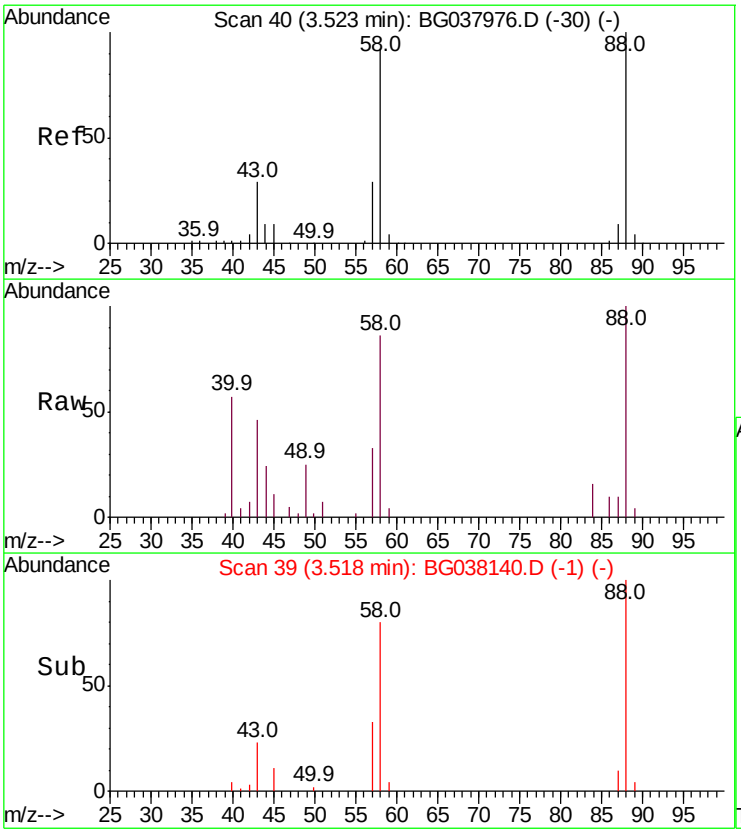
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:152 Resp: 45272

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.0	189.0
115	58.1	45.5	68.3

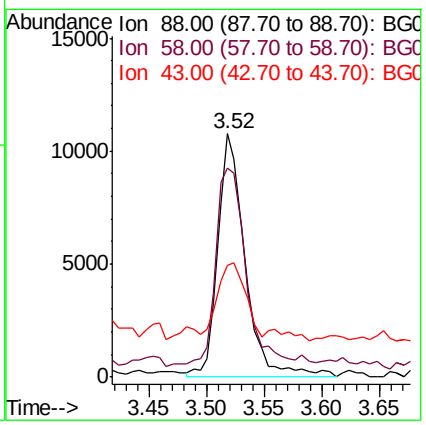


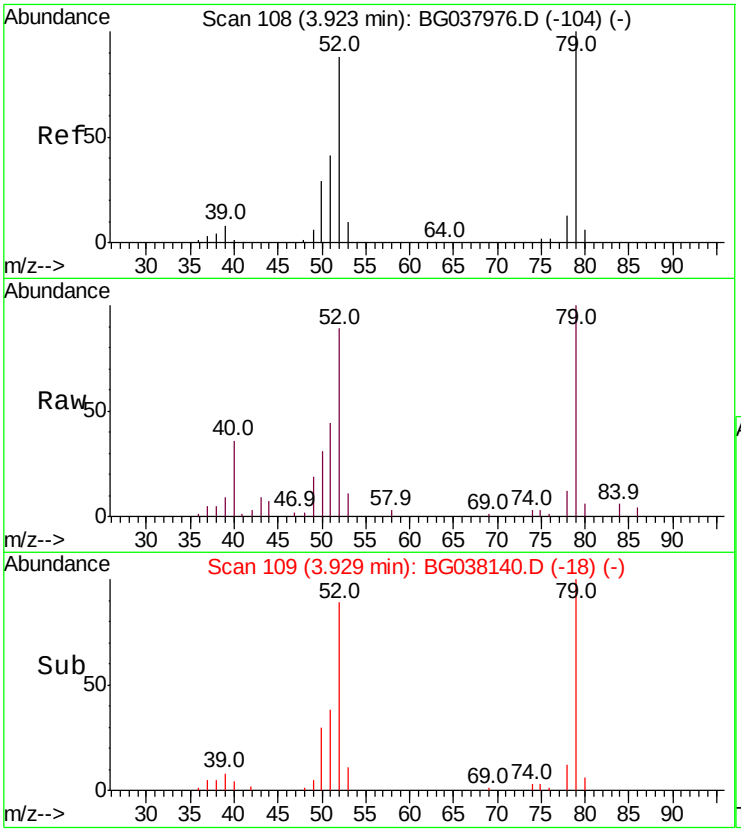


#2
1,4-Dioxane
Concen: 14.281 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



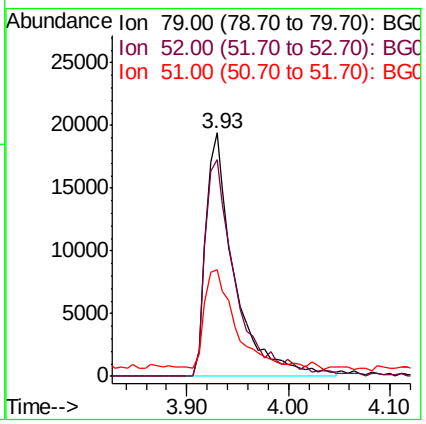


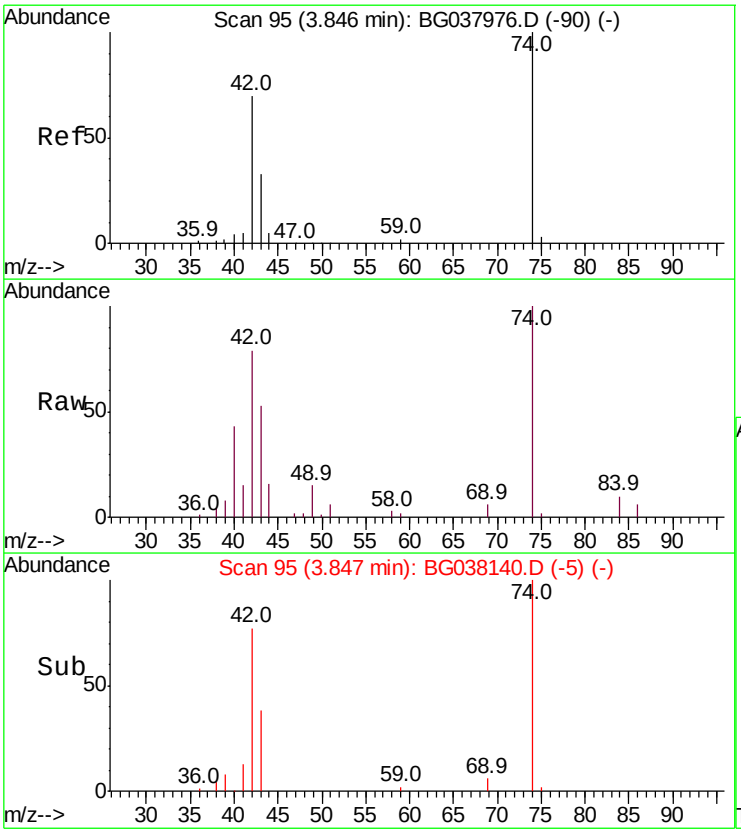
#3
Pyridine
Concen: 10.780 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 79 Resp: 38084

Ion	Ratio	Lower	Upper
79	100		
52	88.9	74.2	111.2
51	44.0	34.6	51.8

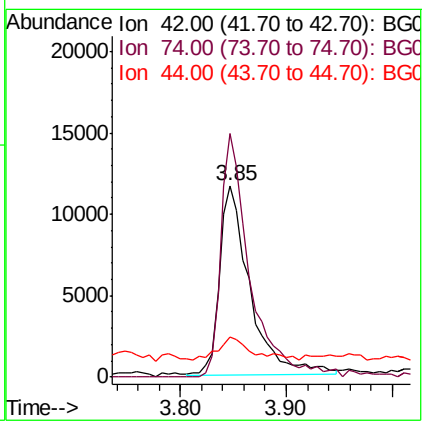


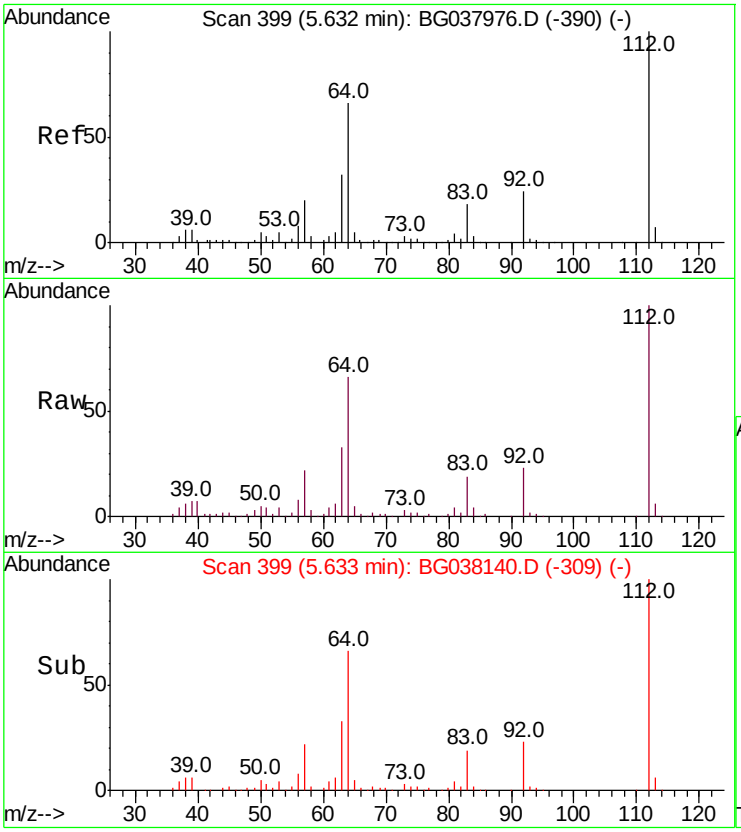


#4
n-Nitrosodimethylamine
Concen: 18.451 ng
RT: 3.85 min Scan# 95
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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#



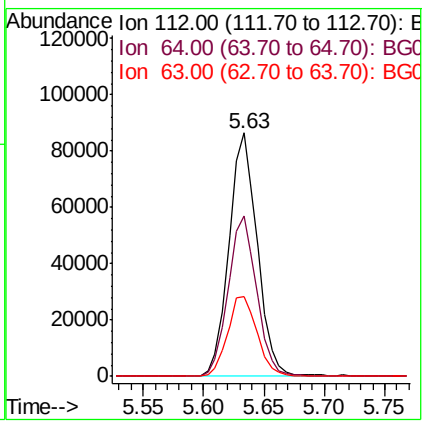


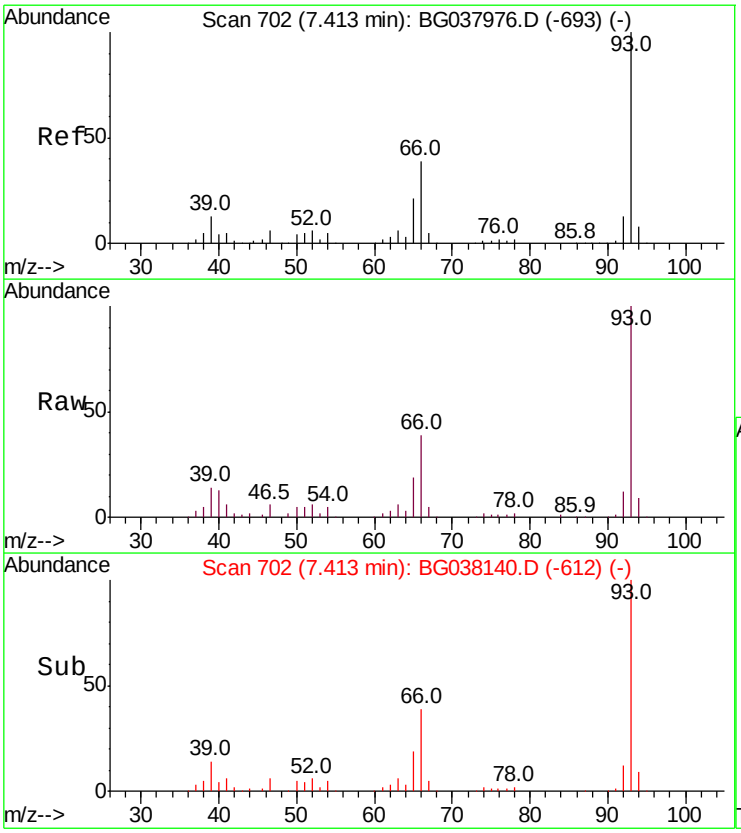
#5
2-Fluorophenol
Concen: 53.914 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:112 Resp: 141366

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	32.9	27.3	40.9

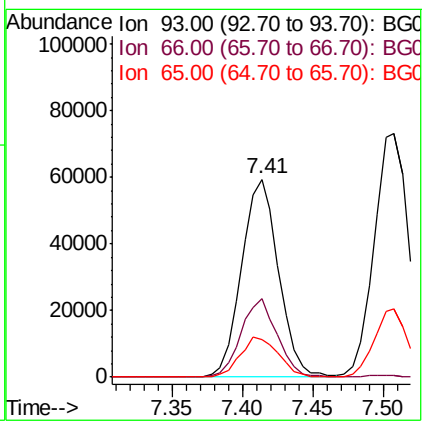


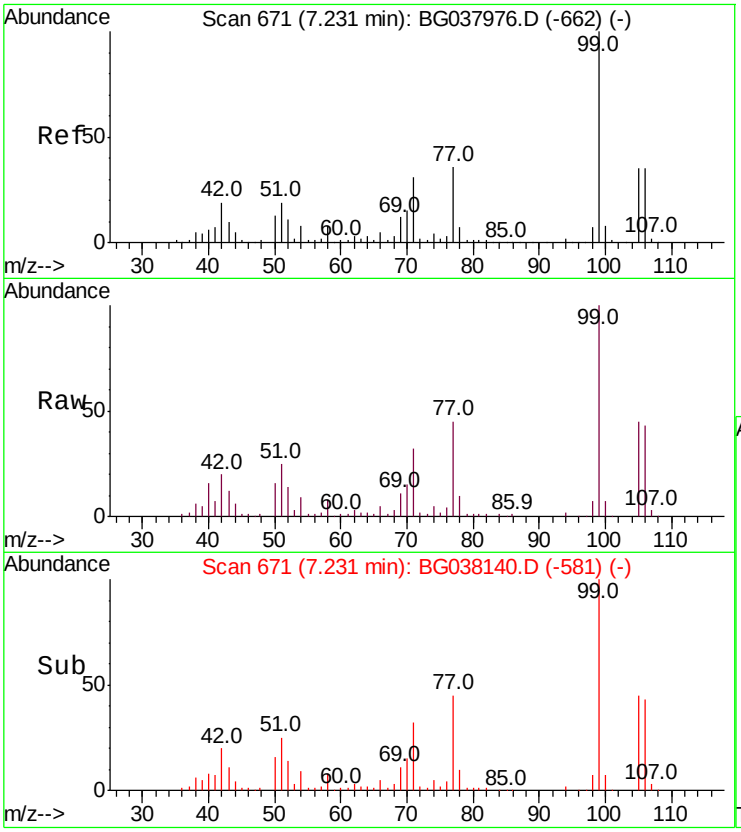


#6
Aniline
Concen: 22.577 ng
RT: 7.41 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



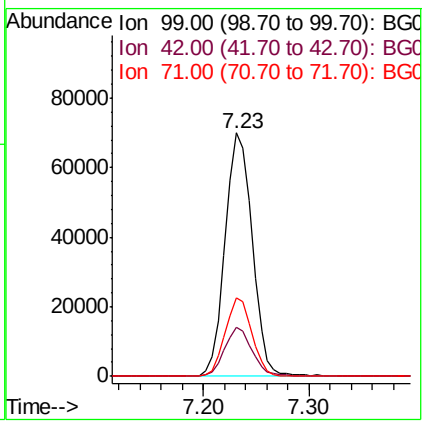


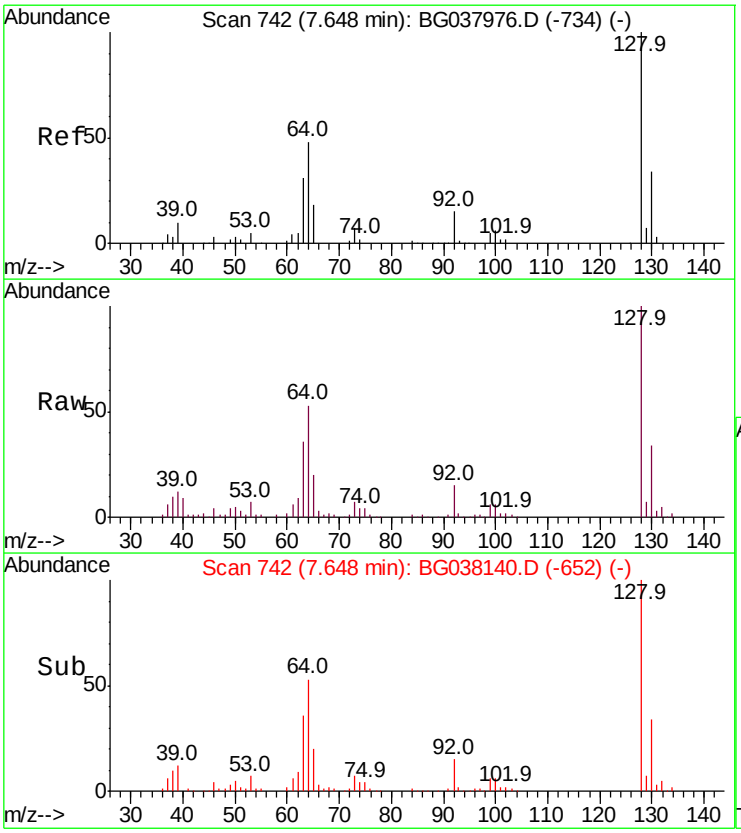
#7
Phenol-d6
Concen: 33.145 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 99 Resp: 124058

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.0	22.4
71	32.3	25.5	38.3

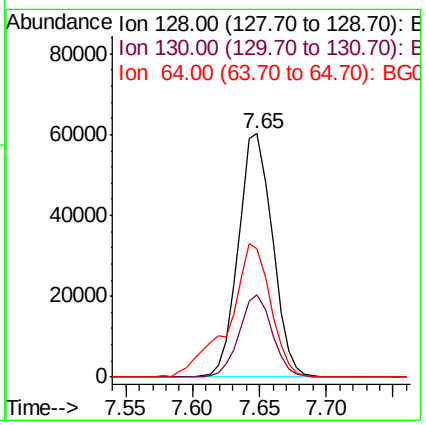


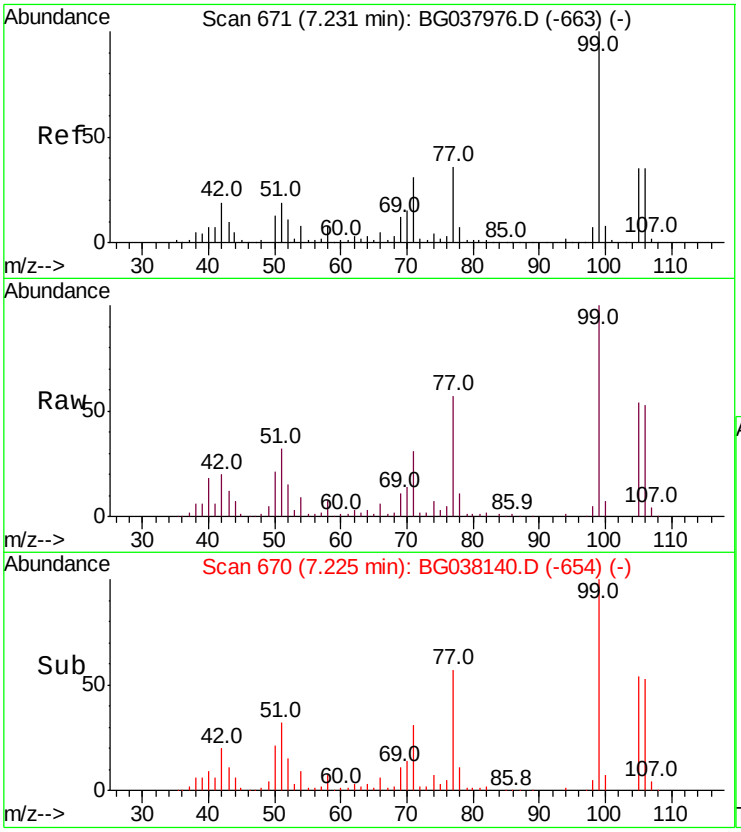


#8
2-Chlorophenol
Concen: 34.974 ng
RT: 7.65 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



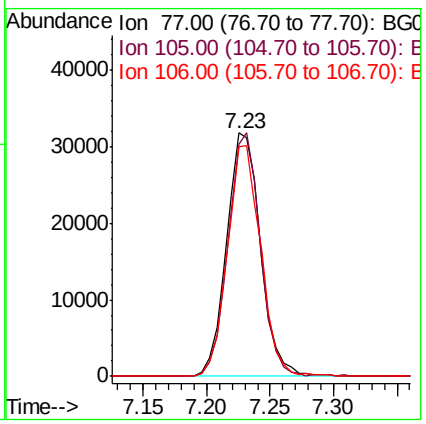


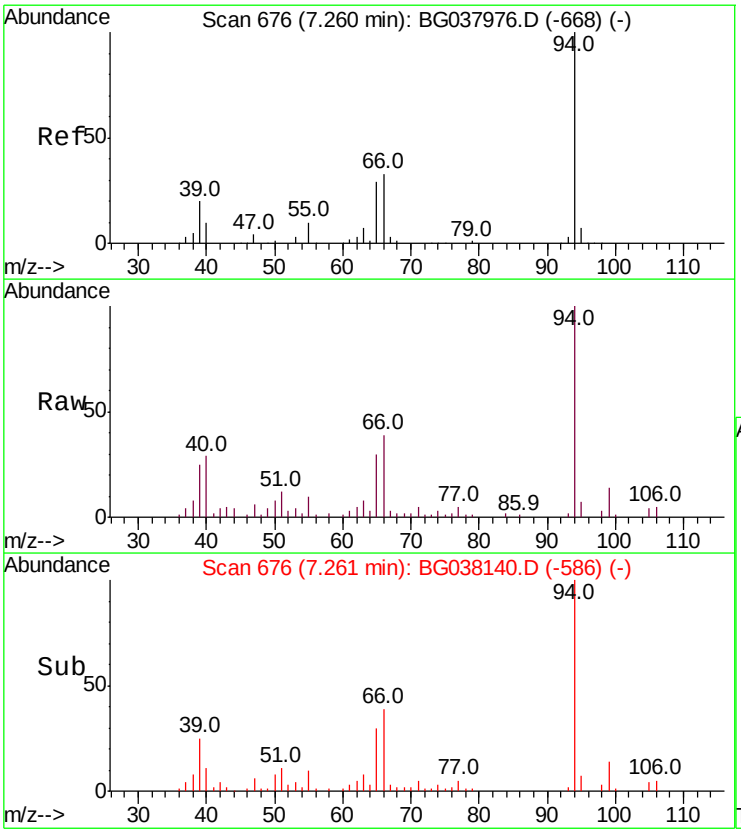
#9
Benzaldehyde
Concen: 21.633 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 77 Resp: 58554

Ion	Ratio	Lower	Upper
77	100		
105	95.3	72.6	112.6
106	94.1	71.3	111.3

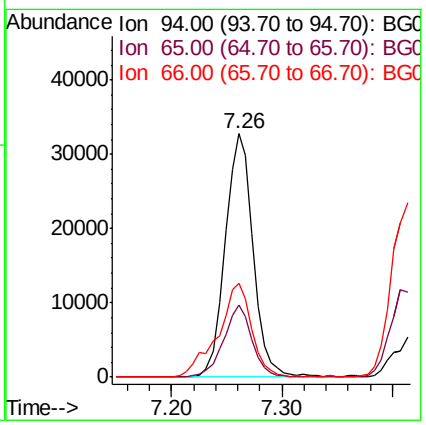


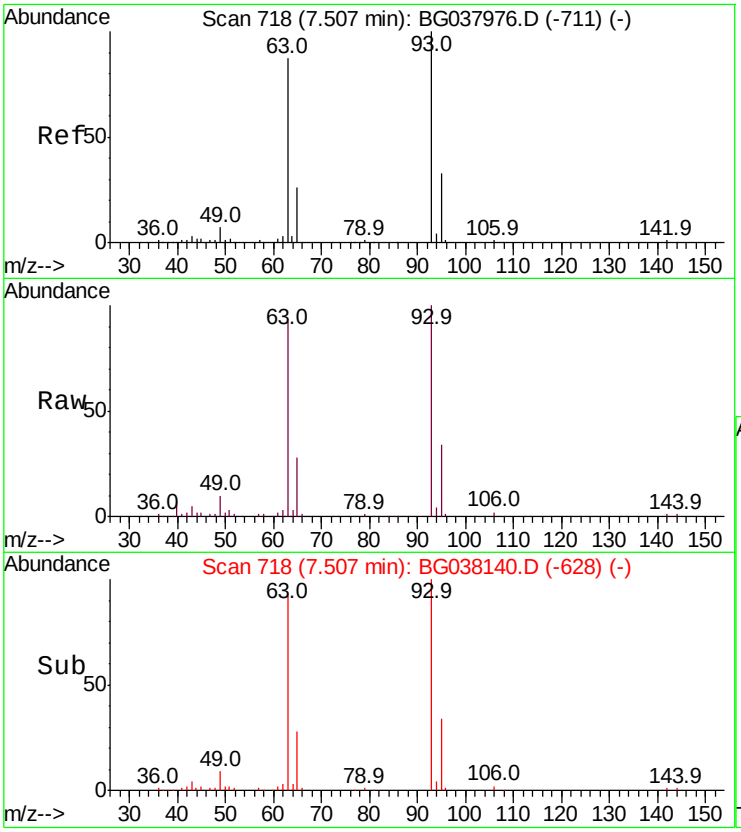


#10
Phenol
Concen: 14.570 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



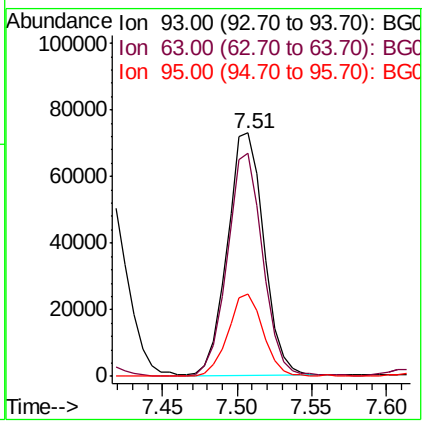


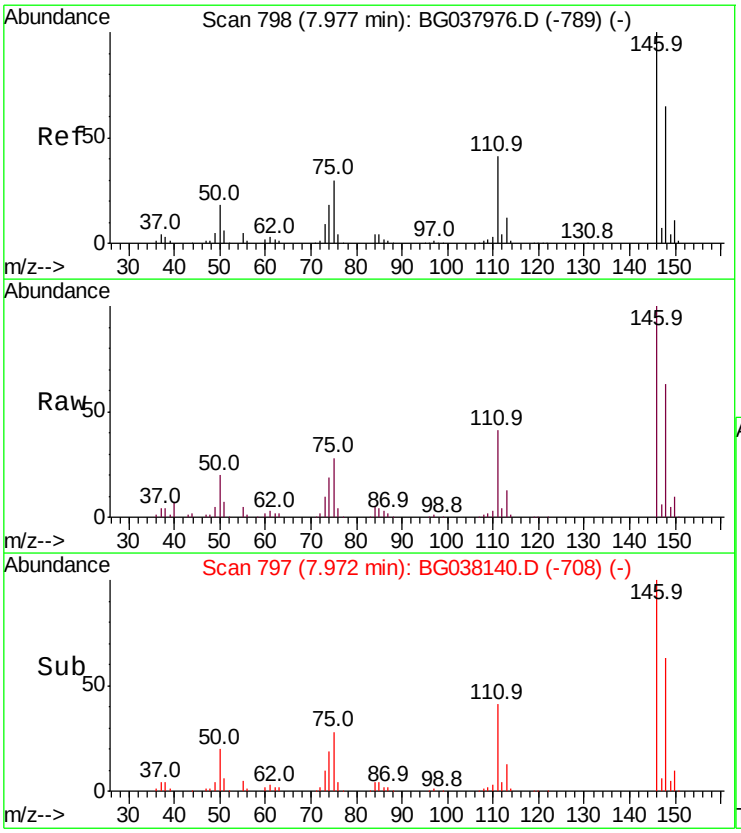
#11
bis(2-Chloroethyl)ether
Concen: 38.480 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 93 Resp: 124544

Ion	Ratio	Lower	Upper
93	100		
63	91.7	69.5	109.5
95	34.0	12.6	52.6

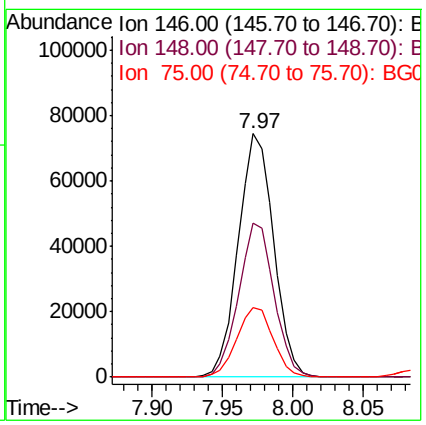


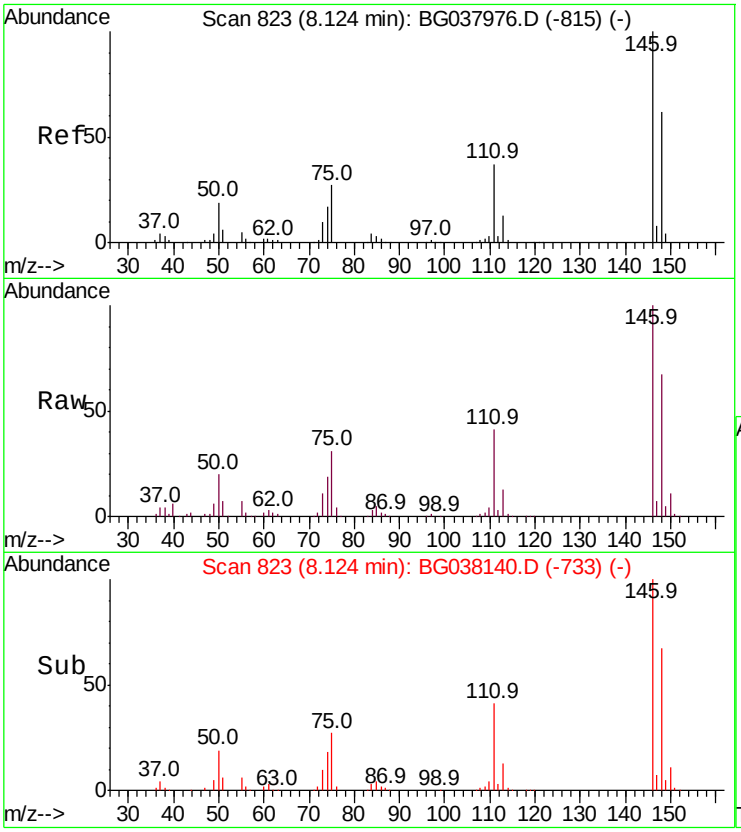


#12
1,3-Dichlorobenzene
Concen: 37.350 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



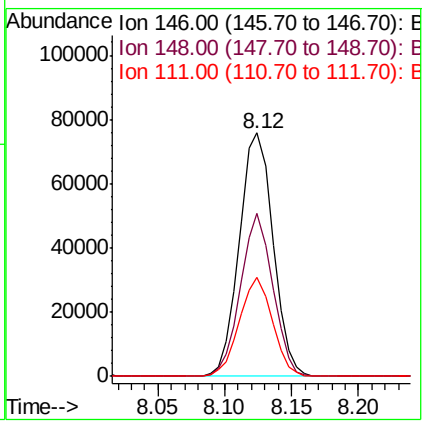


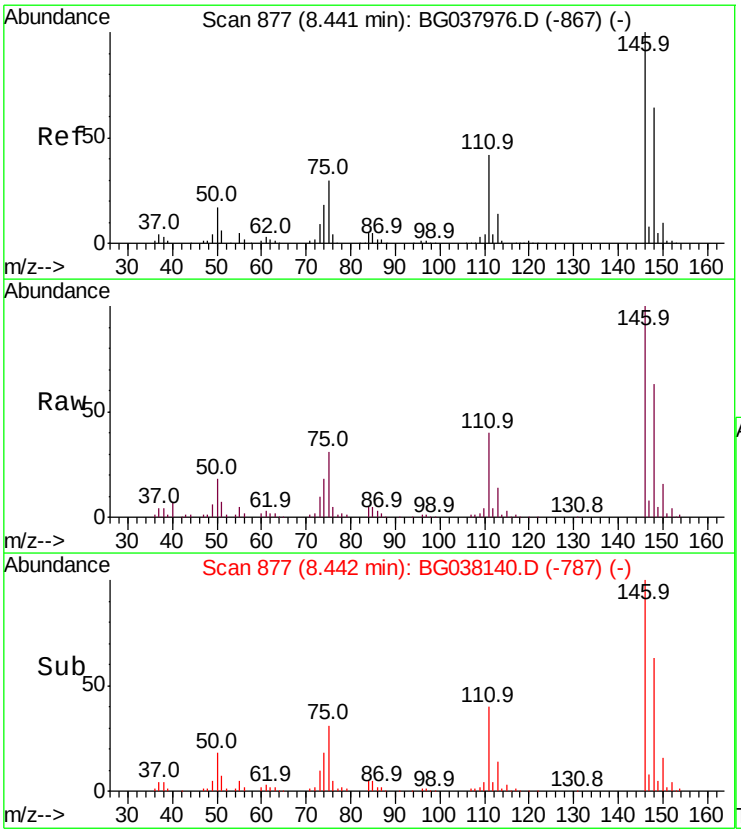
#13
1,4-Dichlorobenzene
Concen: 37.419 ng
RT: 8.12 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument : BNA_G
ClientSampleId : VTW-02MS

Tgt Ion:146 Resp: 132486

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.0	76.6
111	40.8	32.4	48.6

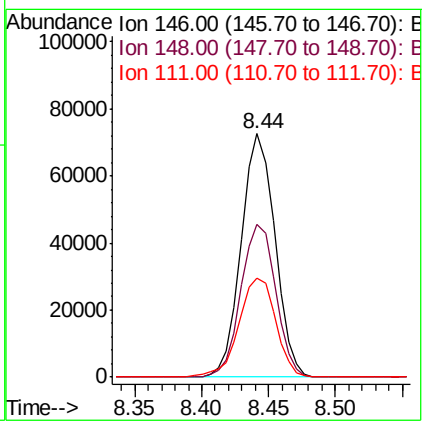


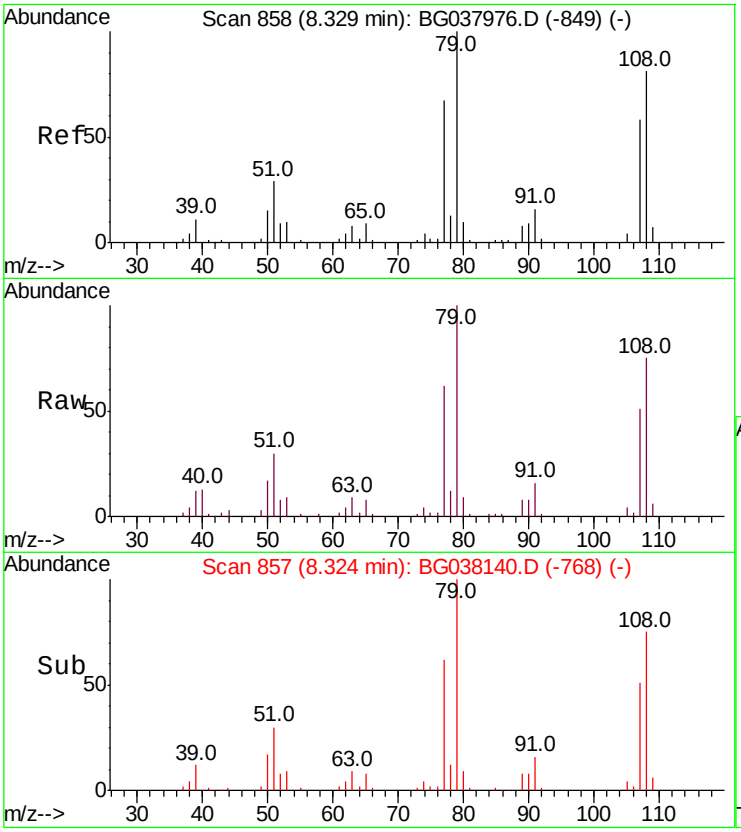


#14
1,2-Dichlorobenzene
Concen: 37.505 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



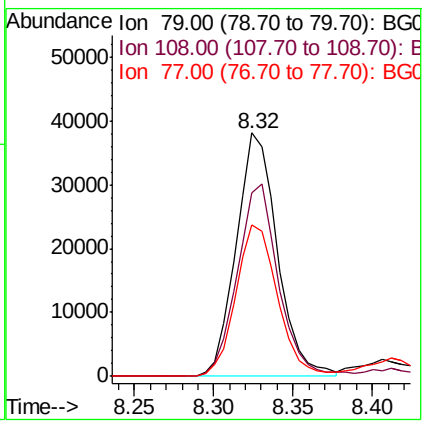


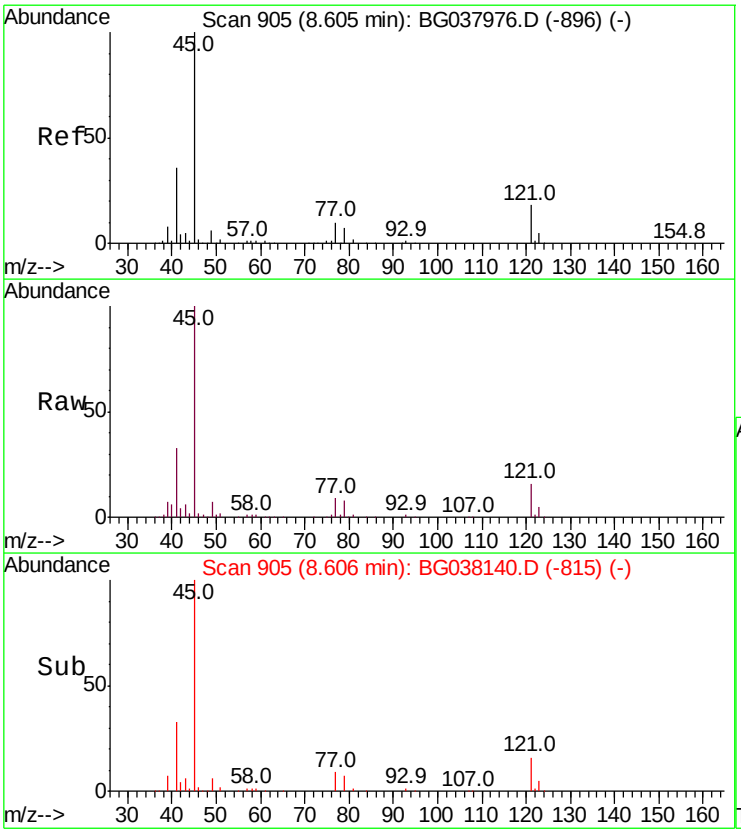
#15
Benzyl Alcohol
Concen: 25.304 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 79 Resp: 68532

Ion	Ratio	Lower	Upper
79	100		
108	75.3	65.8	98.8
77	62.1	52.9	79.3

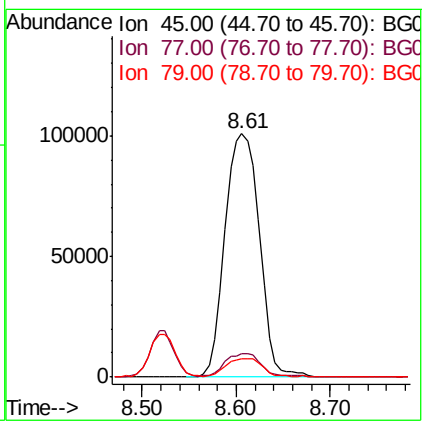


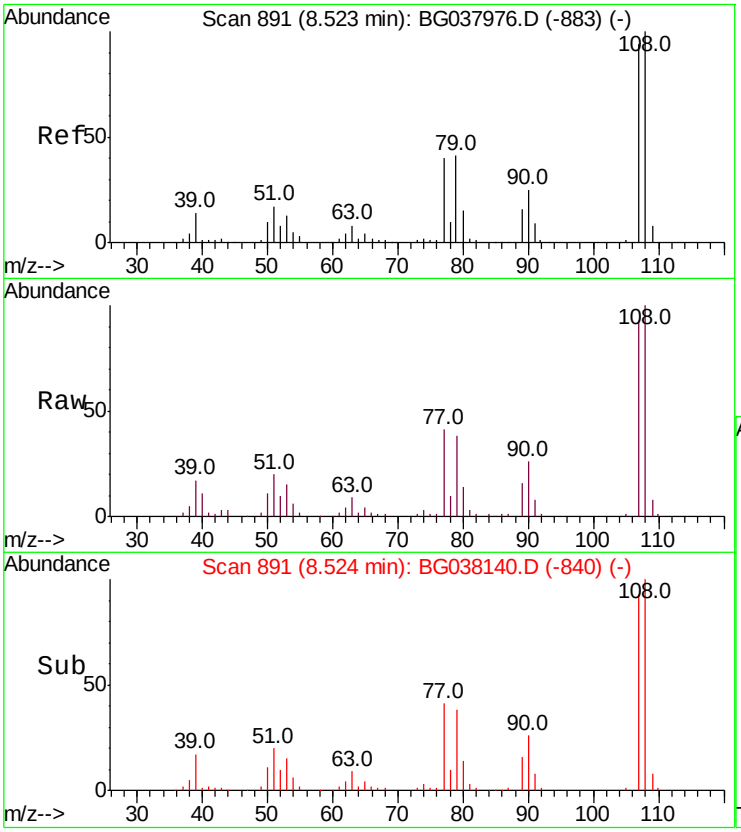


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.689 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



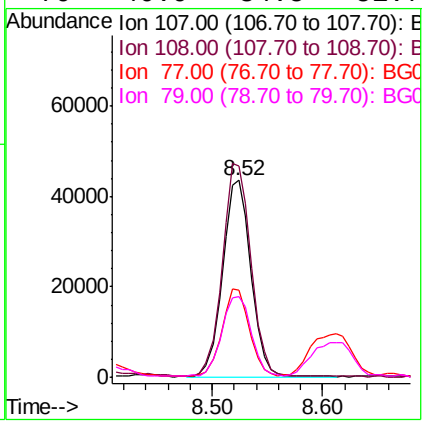


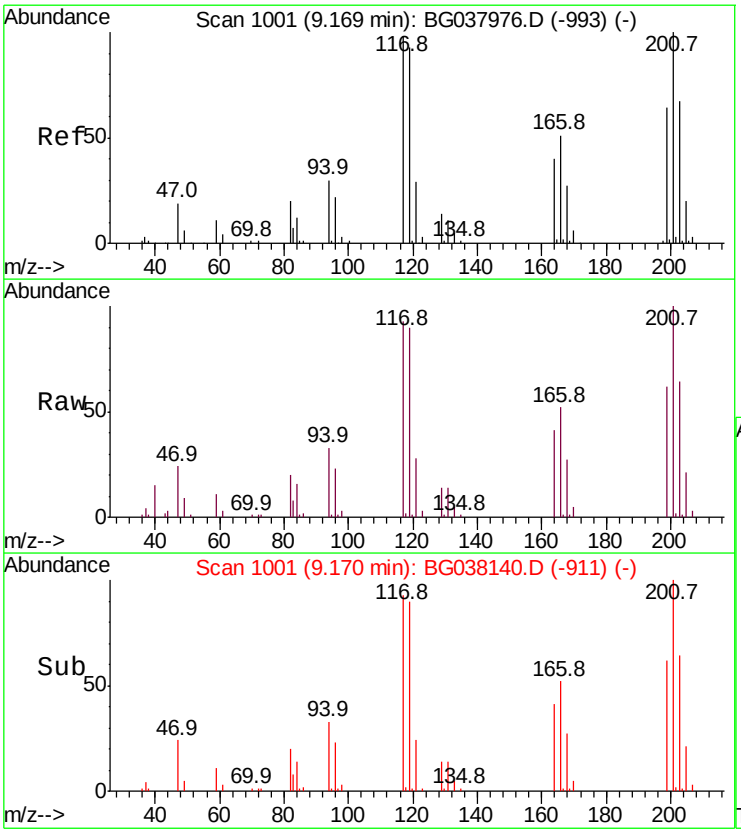
#17
2-Methylphenol
Concen: 29.348 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

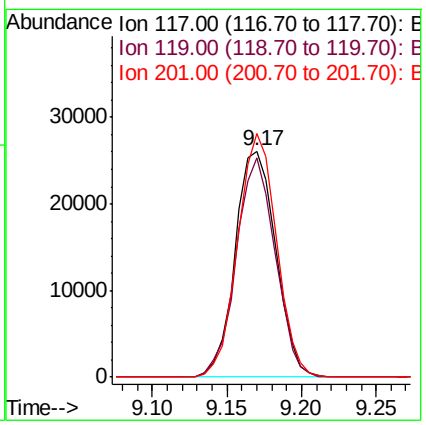


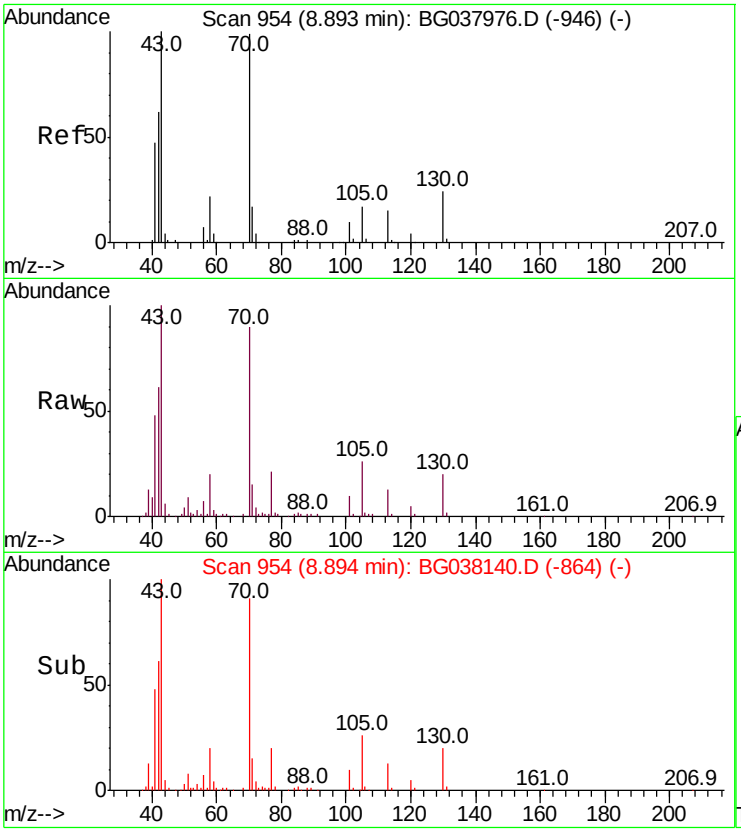


#18
Hexachloroethane
Concen: 38.194 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



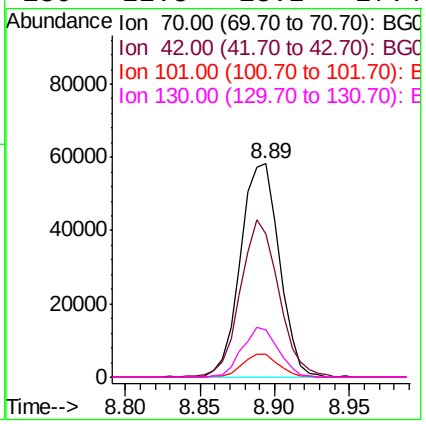


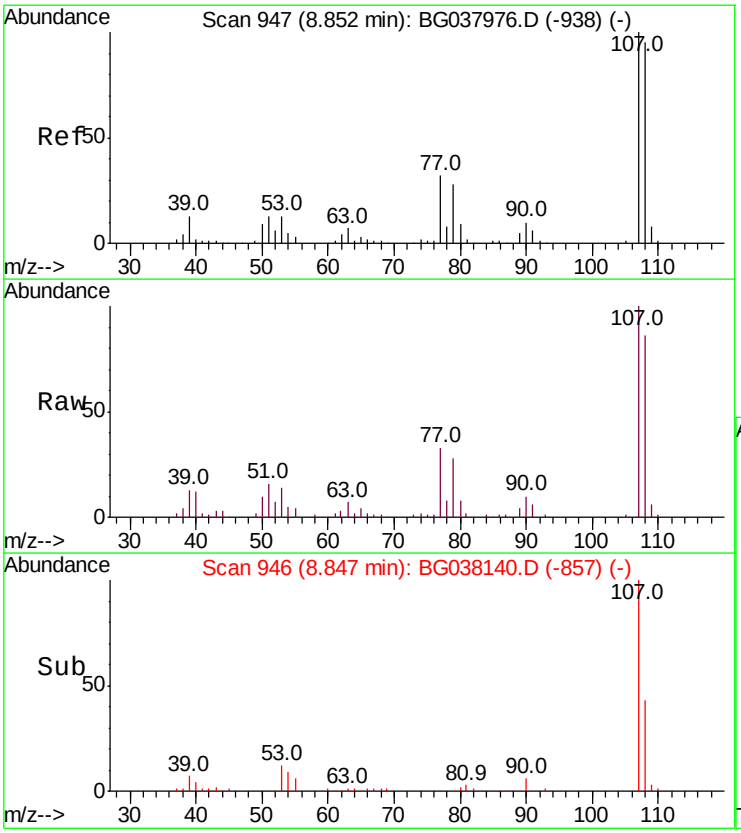
#19
n-Nitroso-di-n-propylamine
Concen: 38.677 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

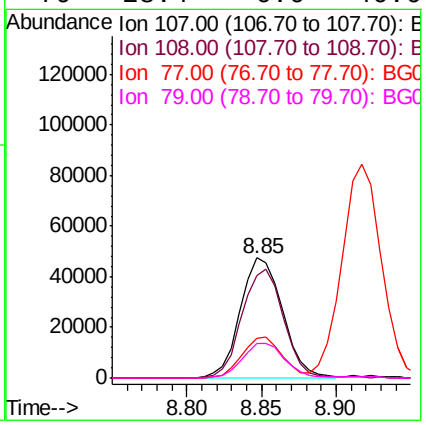


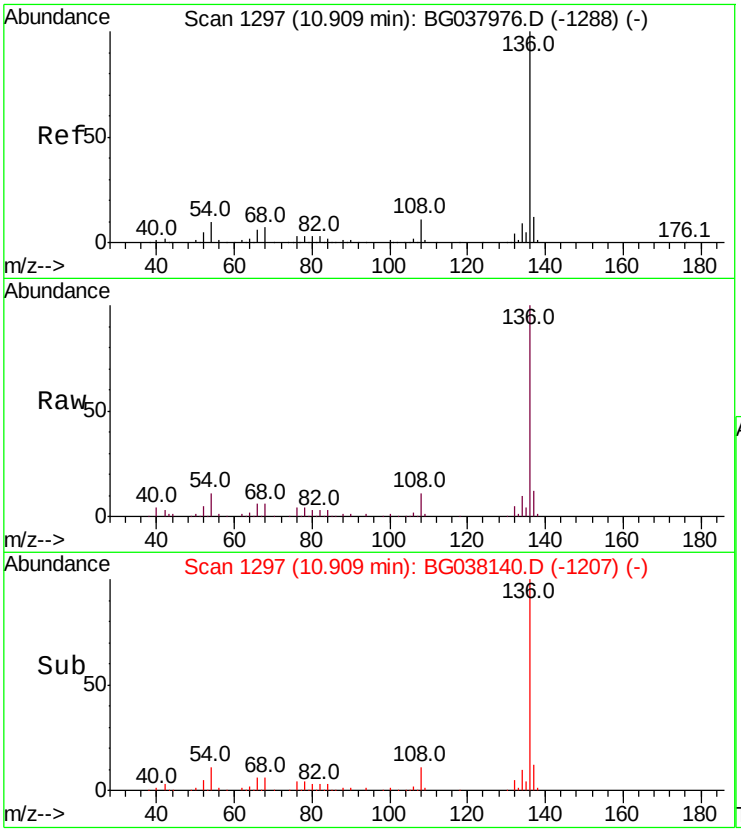


#20
3+4-Methylphenols
Concen: 24.525 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



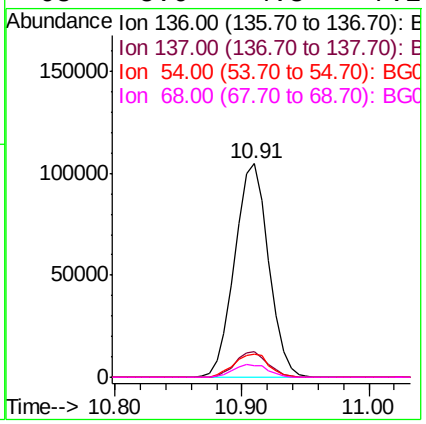


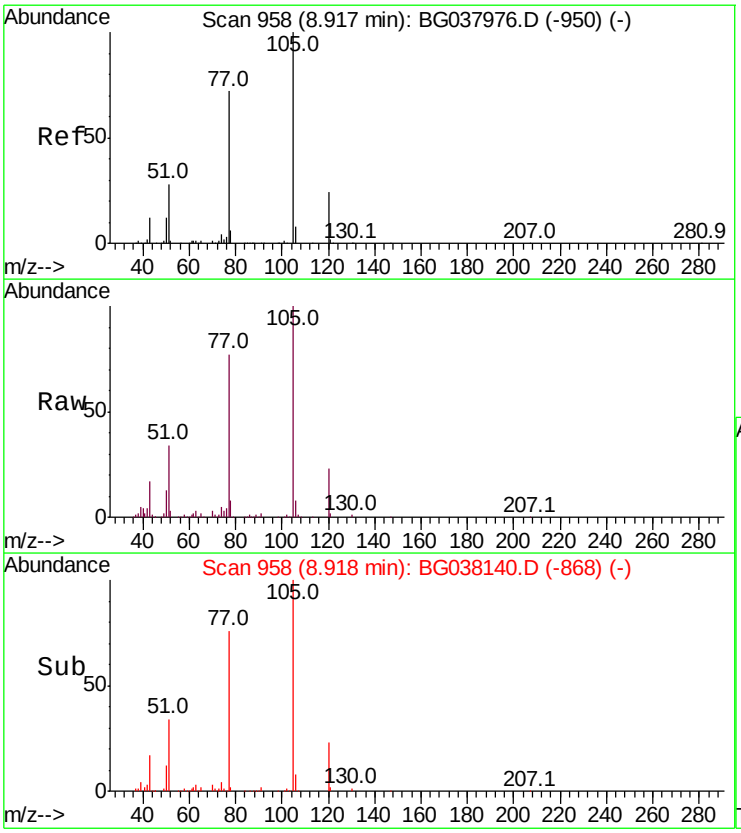
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

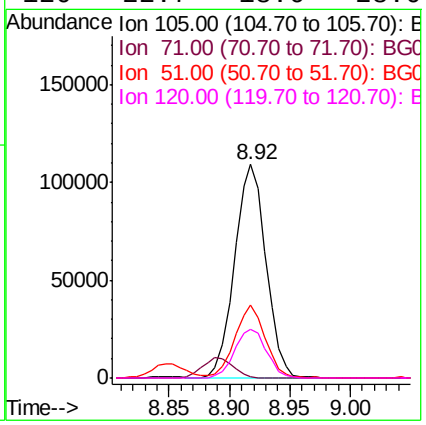


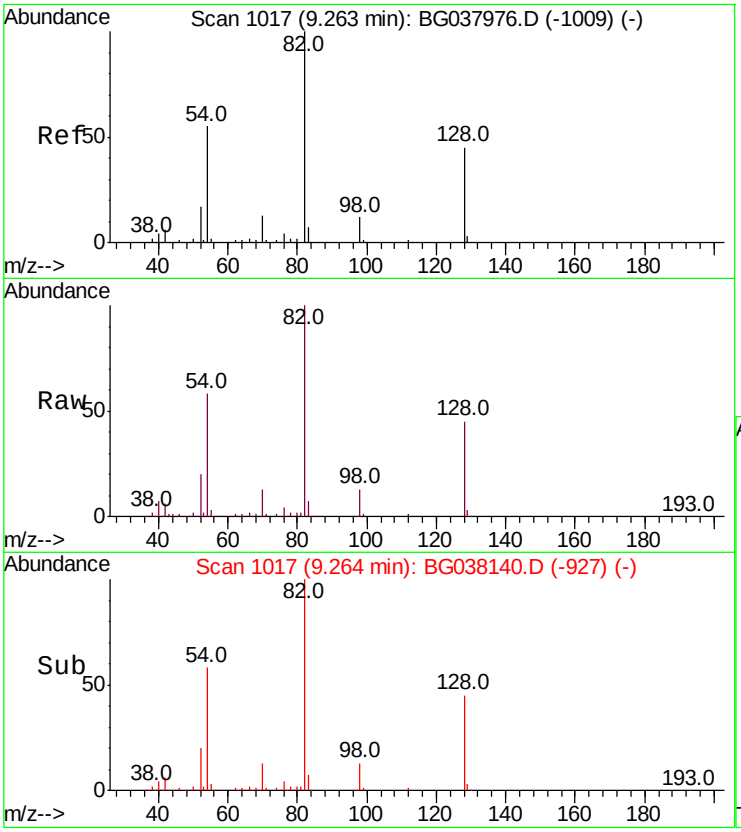


#22
Acetophenone
Concen: 40.818 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



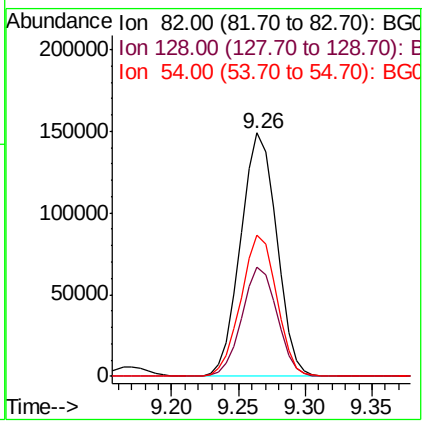


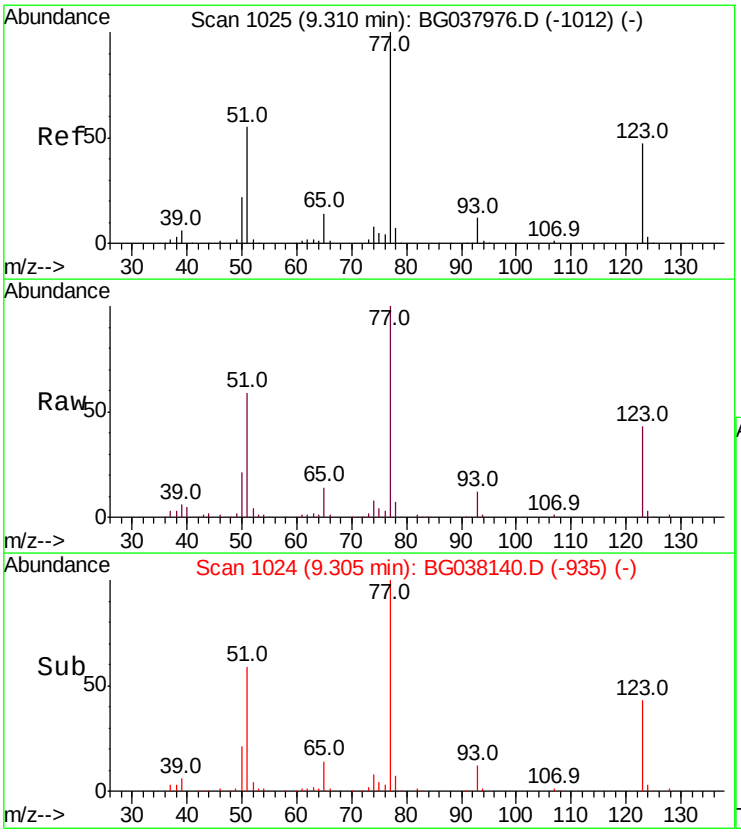
#23
Nitrobenzene-d5
Concen: 77.051 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 82 Resp: 278887

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	57.9	45.3	67.9

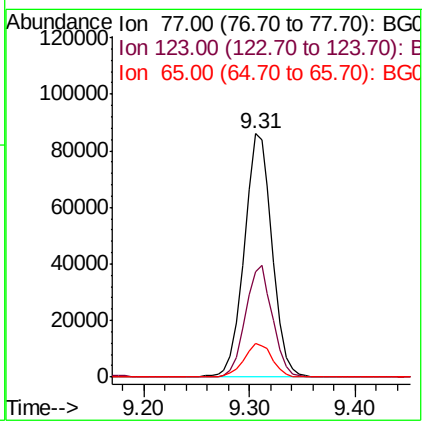


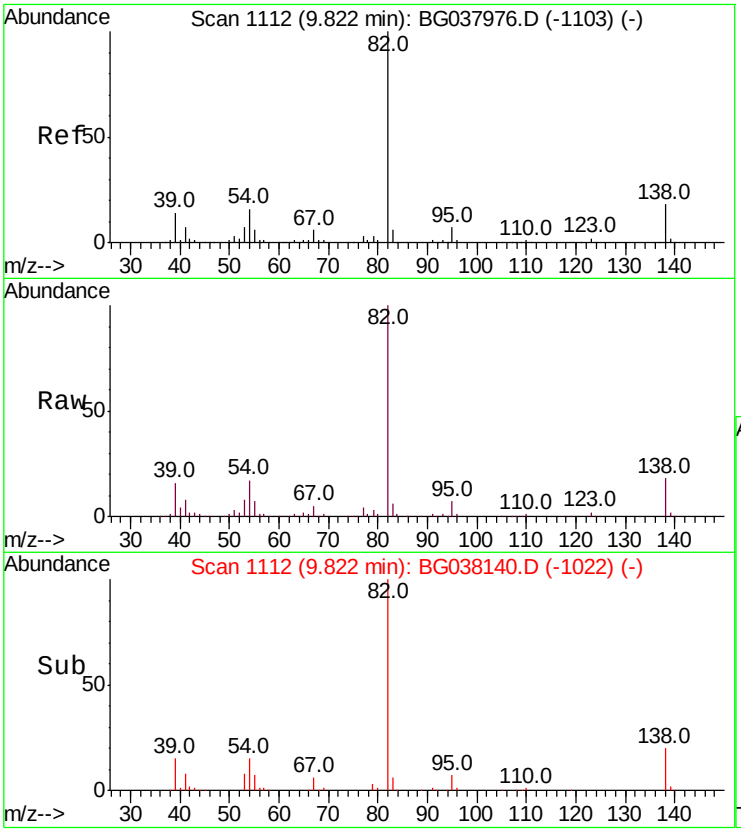


#24
Nitrobenzene
Concen: 42.446 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



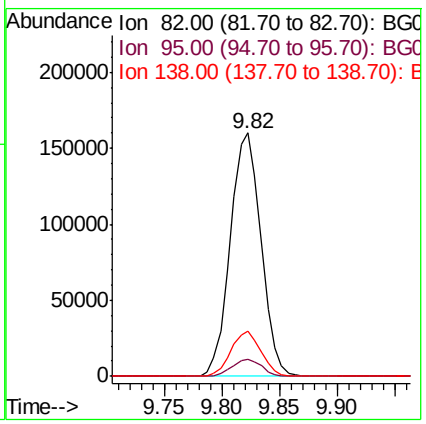


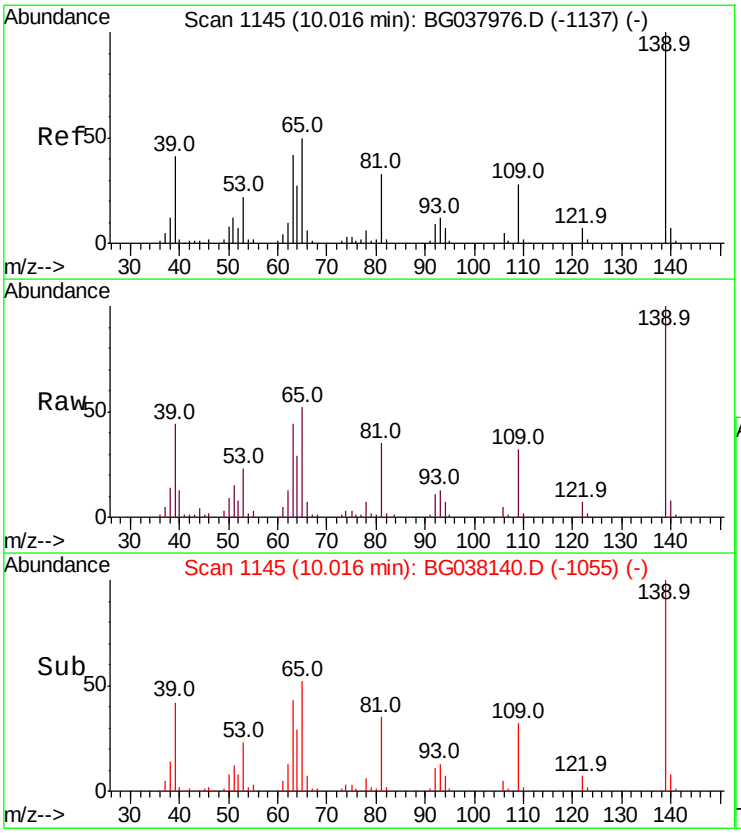
#25
Isophorone
Concen: 45.252 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion: 82 Resp: 294808

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	18.4	13.3	19.9

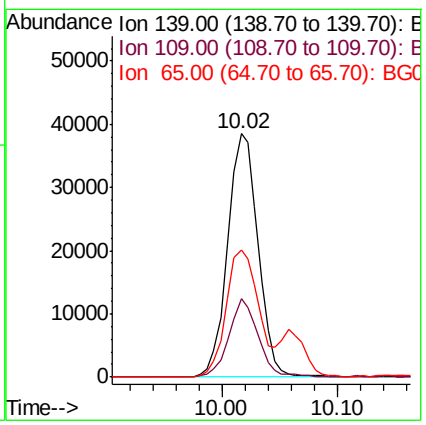


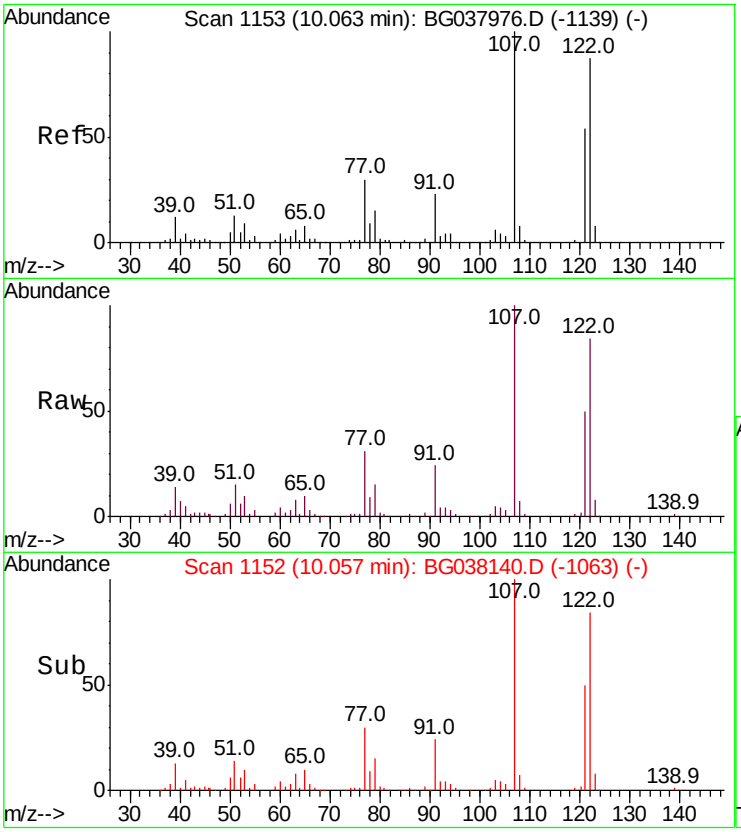


#26
2-Nitrophenol
Concen: 37.857 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



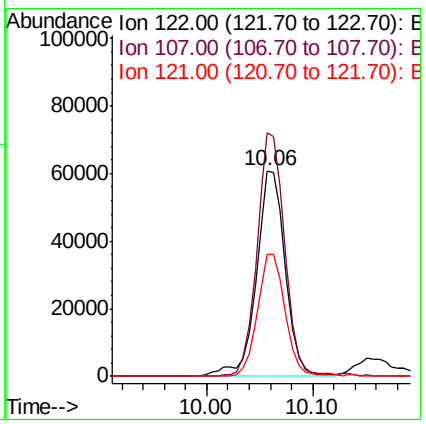


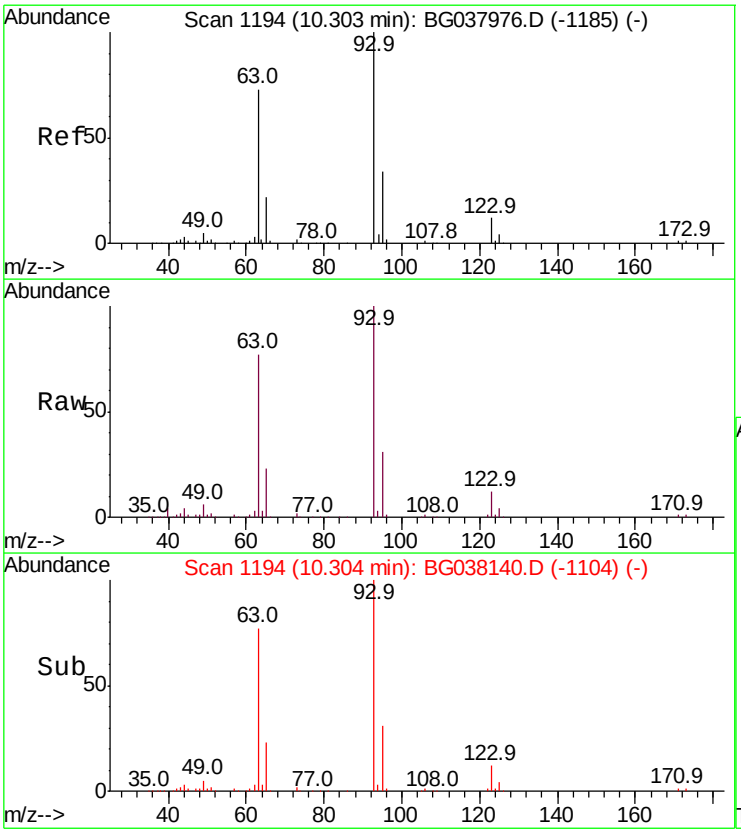
#27
2,4-Dimethylphenol
Concen: 41.398 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:122 Resp: 115295

Ion	Ratio	Lower	Upper
122	100		
107	118.6	94.2	141.2
121	59.3	47.3	70.9

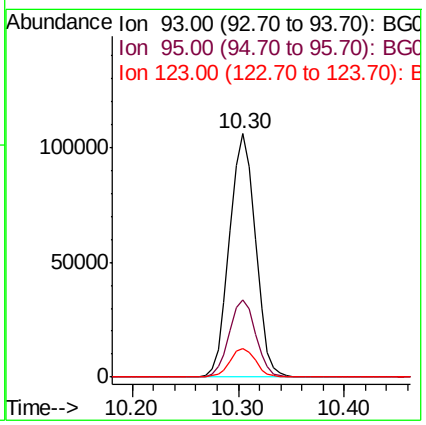


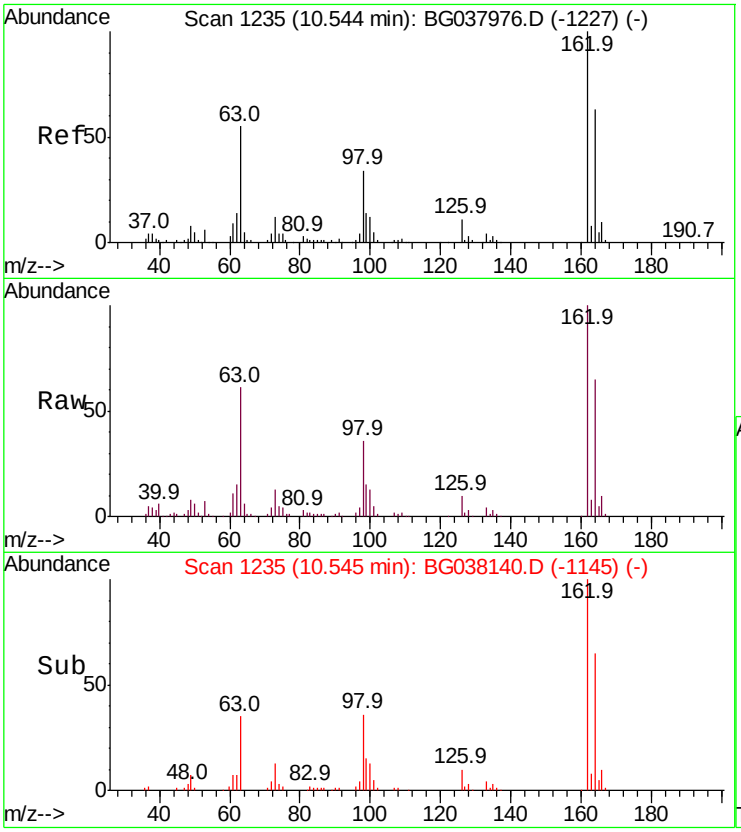


#28
bis(2-Chloroethoxy)methane
Concen: 43.275 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



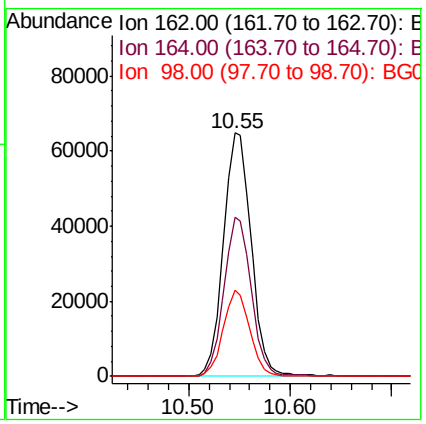


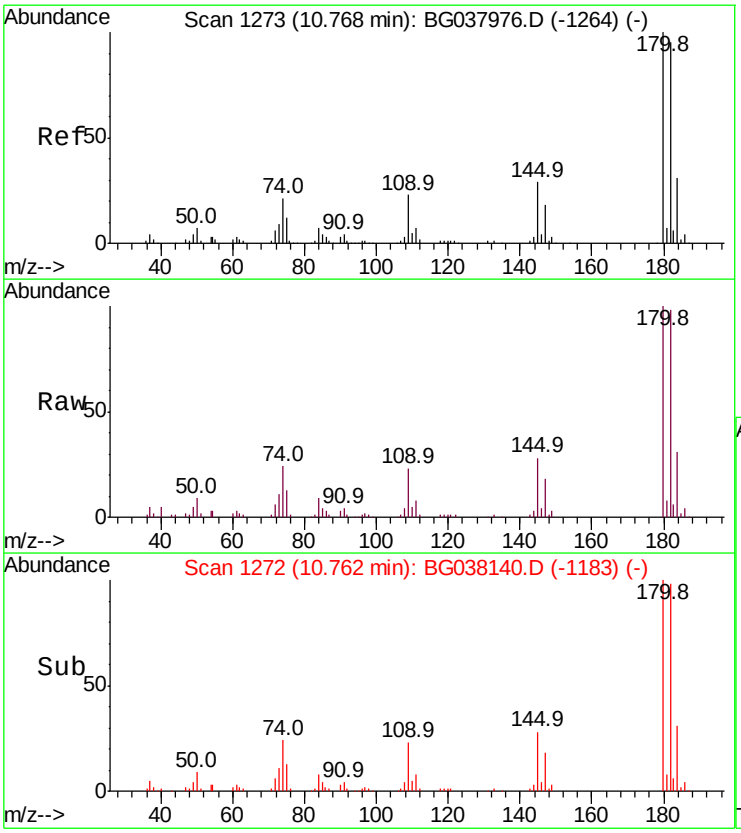
#29
2,4-Dichlorophenol
Concen: 39.284 ng
RT: 10.55 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:162 Resp: 123062

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

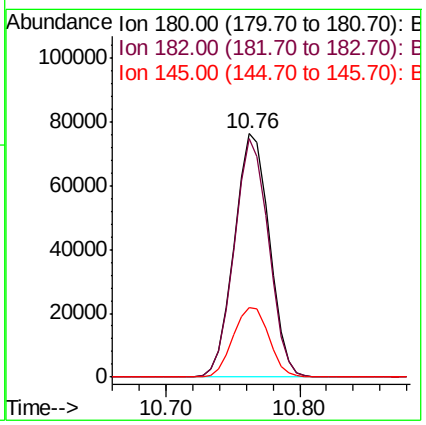


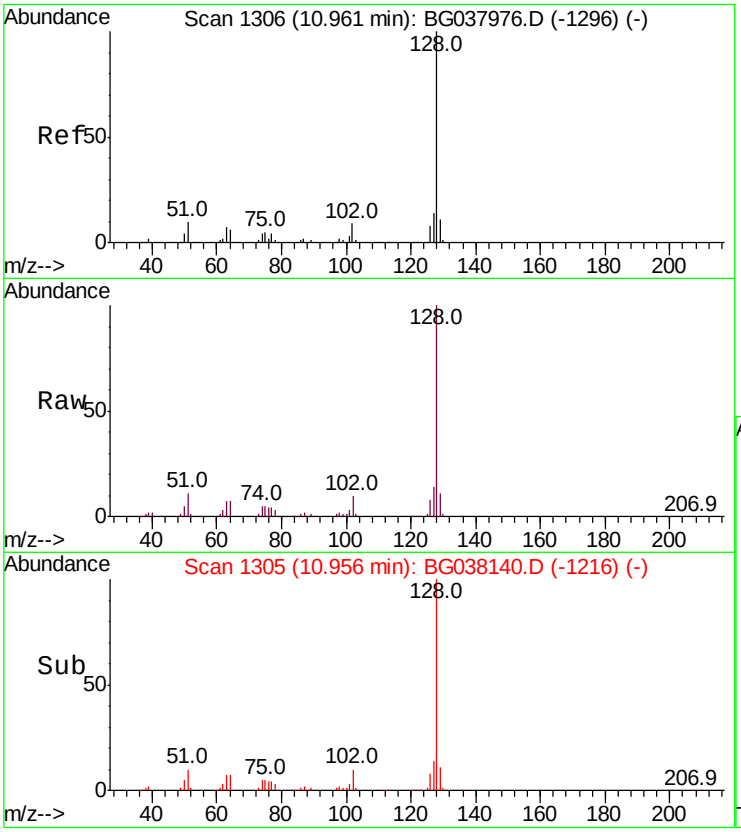


#30
1,2,4-Trichlorobenzene
Concen: 39.554 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:180 Resp: 138848

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



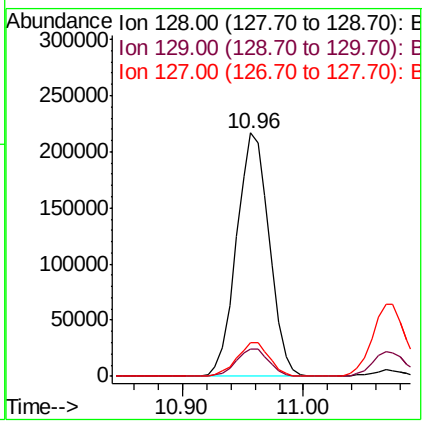


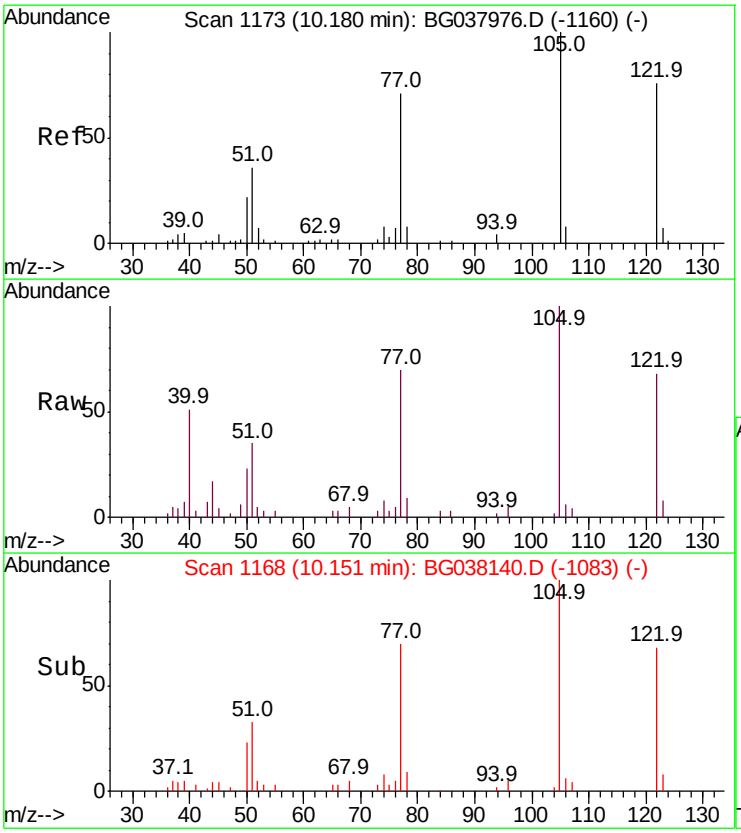
#31
Naphthalene
Concen: 43.036 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:128 Resp: 410120

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	11.1	16.7

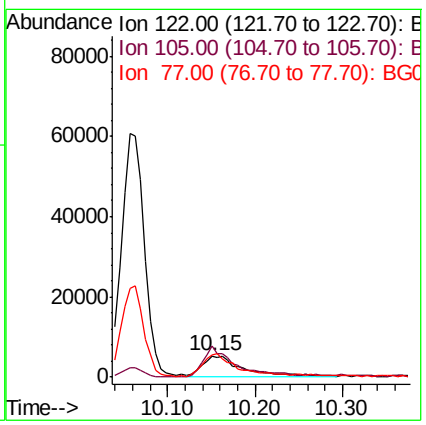


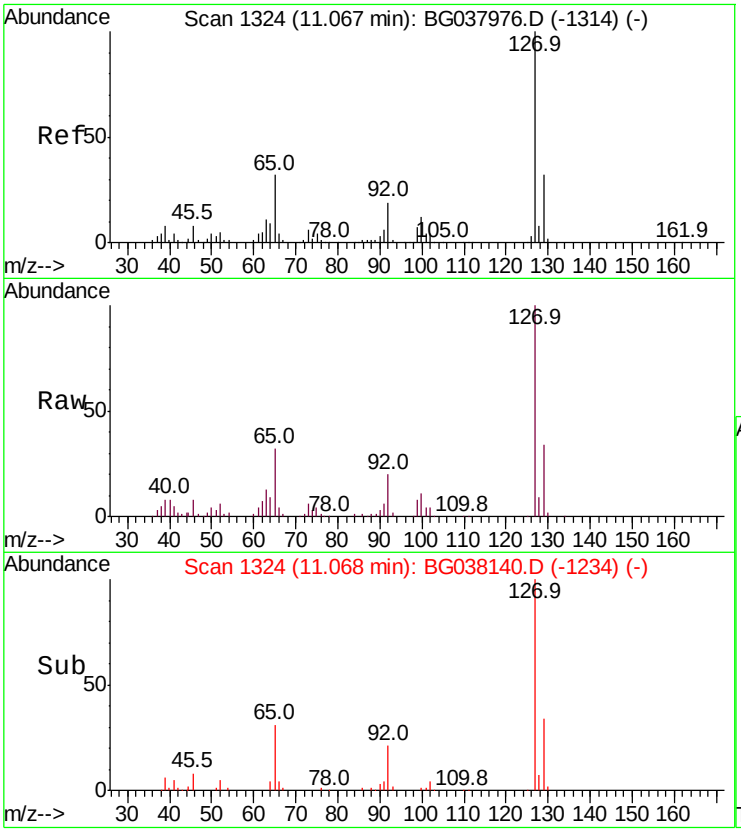


#32
Benzoic acid
Concen: 19.658 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



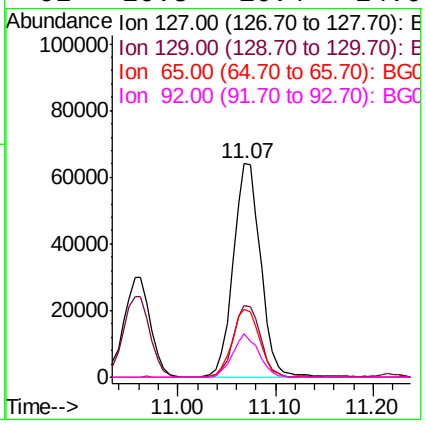


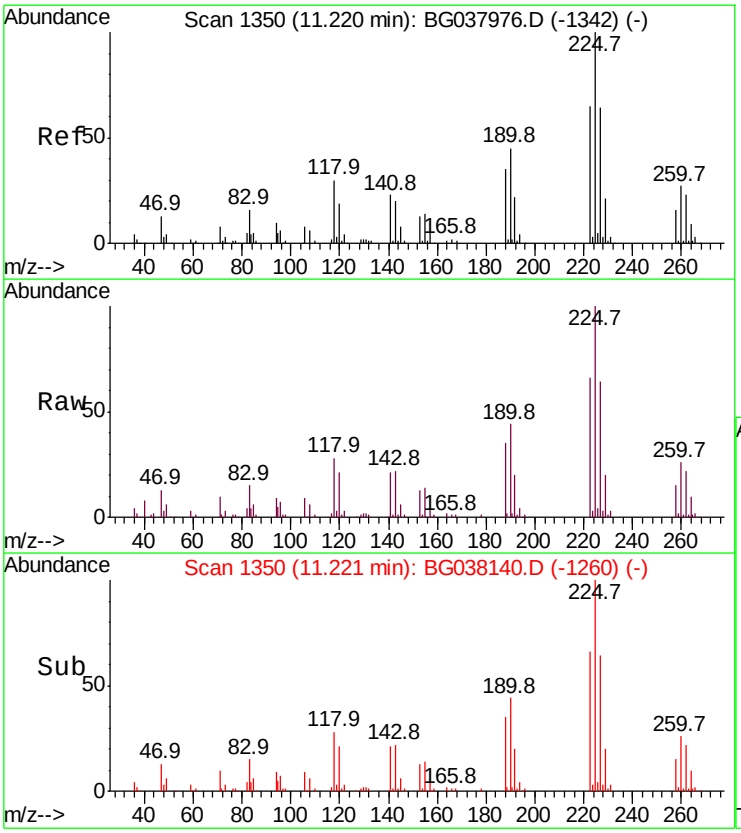
#33
4-Chloroaniline
Concen: 27.965 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

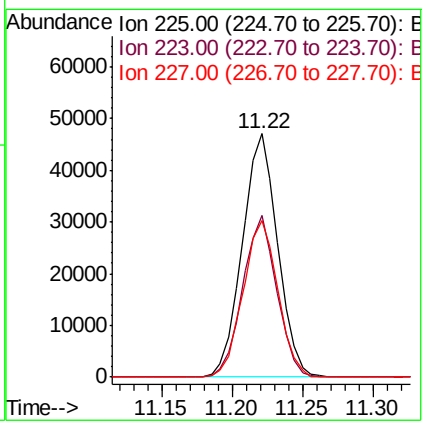


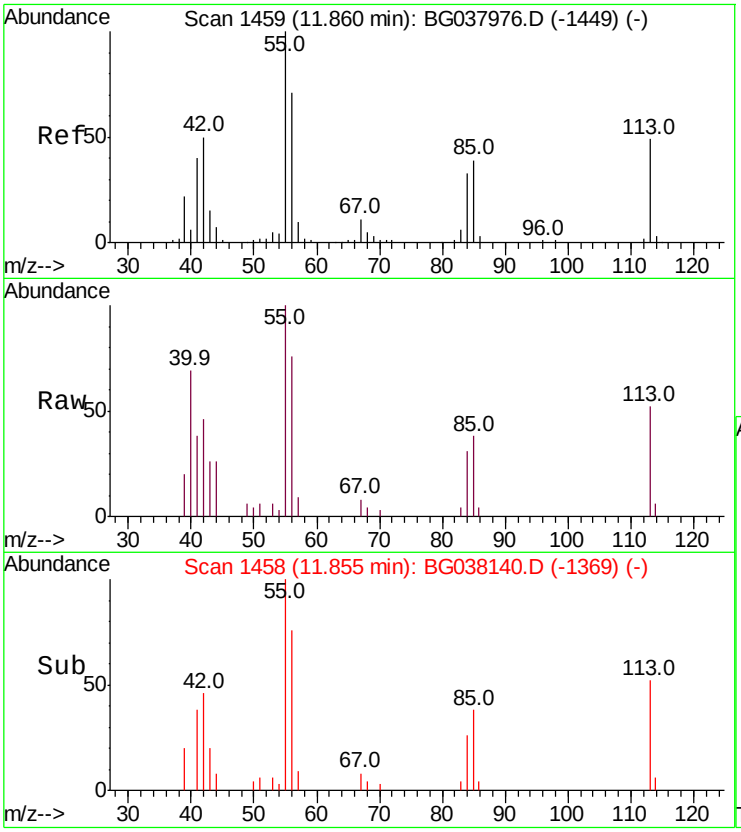


#34
Hexachlorobutadiene
Concen: 38.168 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



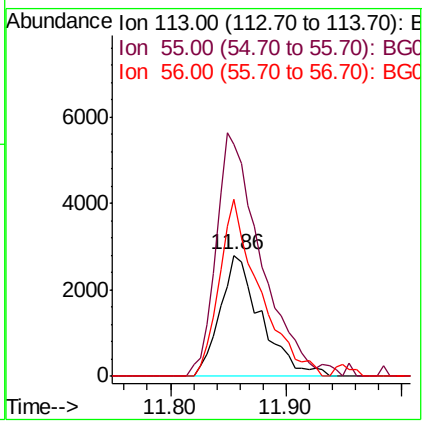


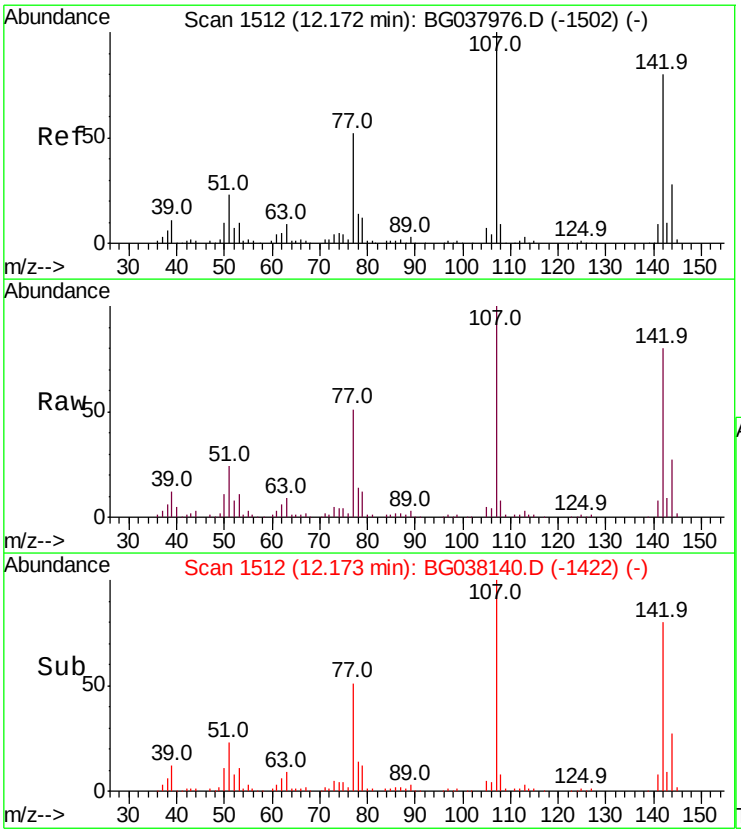
#35
Caprolactam
Concen: 5.508 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:113 Resp: 6906

Ion	Ratio	Lower	Upper
113	100		
55	192.0	176.6	216.6
56	146.4	128.3	168.3

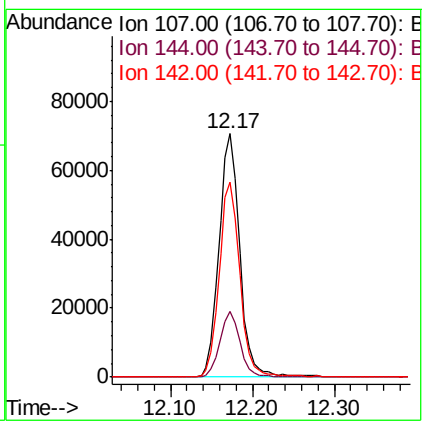


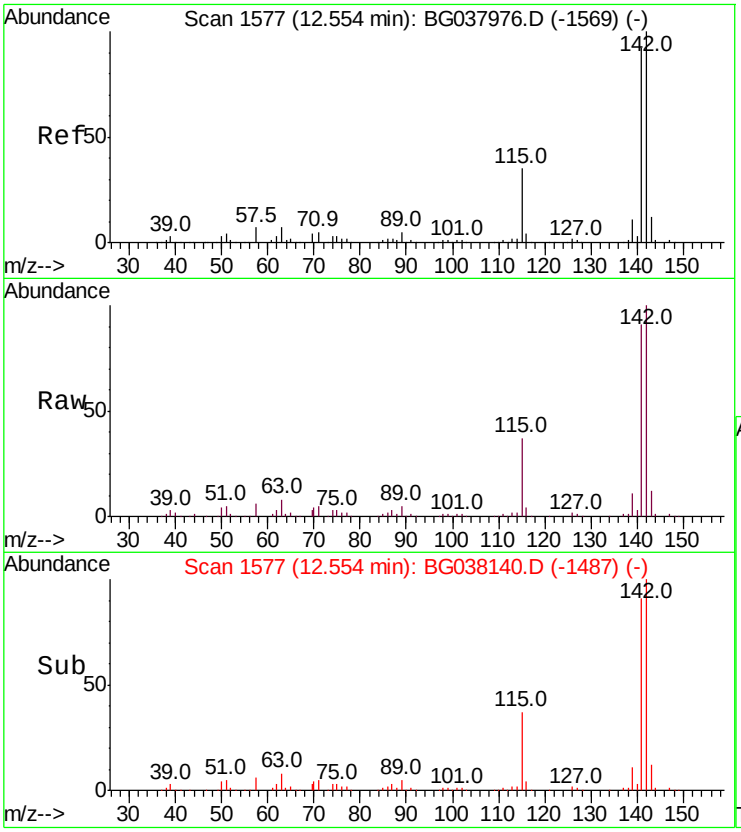


#36
4-Chloro-3-methylphenol
Concen: 36.437 ng
RT: 12.17 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



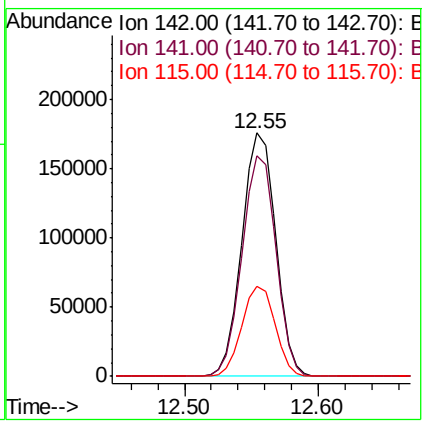


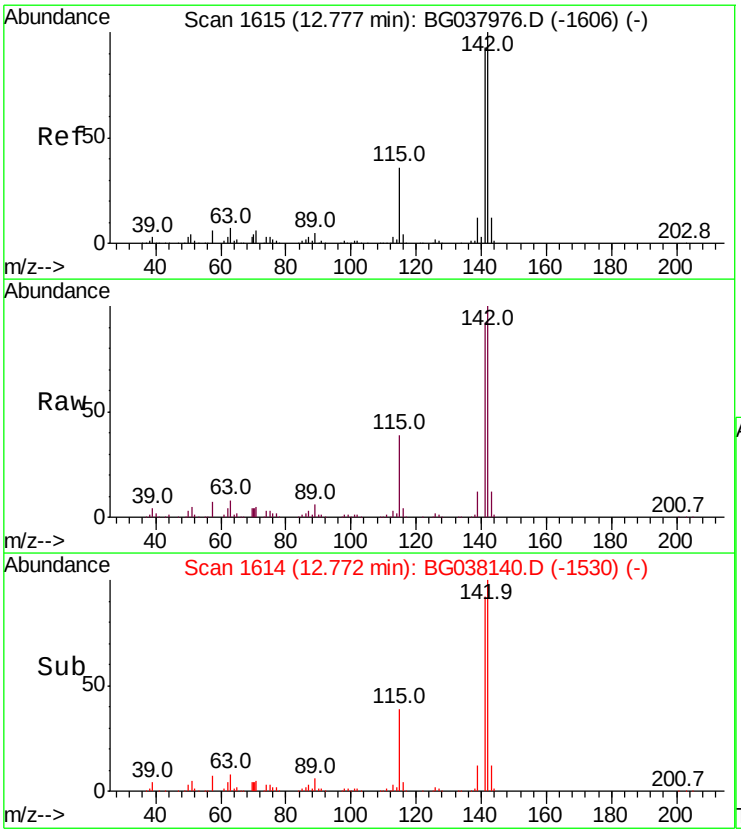
#37
2-Methylnaphthalene
Concen: 44.871 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:142 Resp: 307152

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

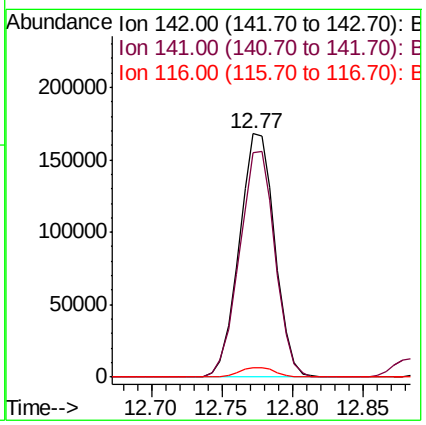


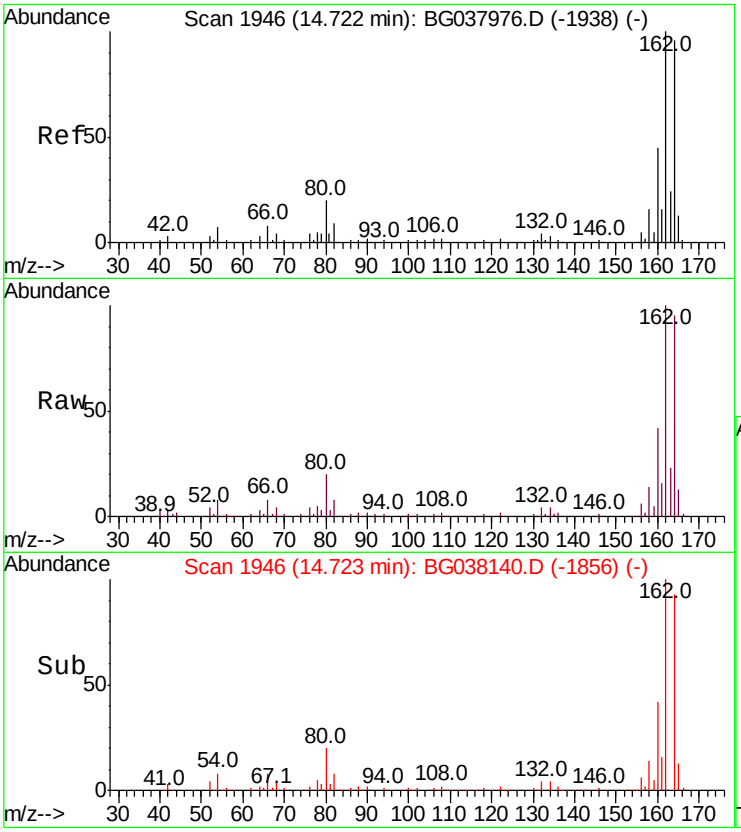


#38
1-Methylnaphthalene
Concen: 44.923 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:142 Resp: 296002

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



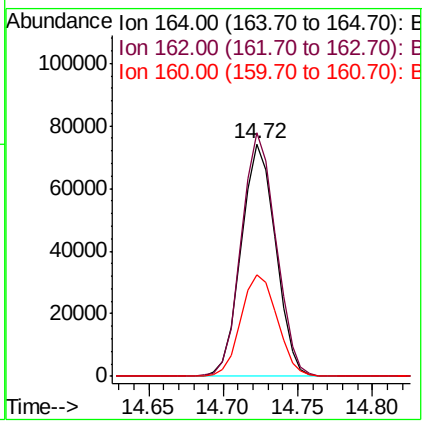


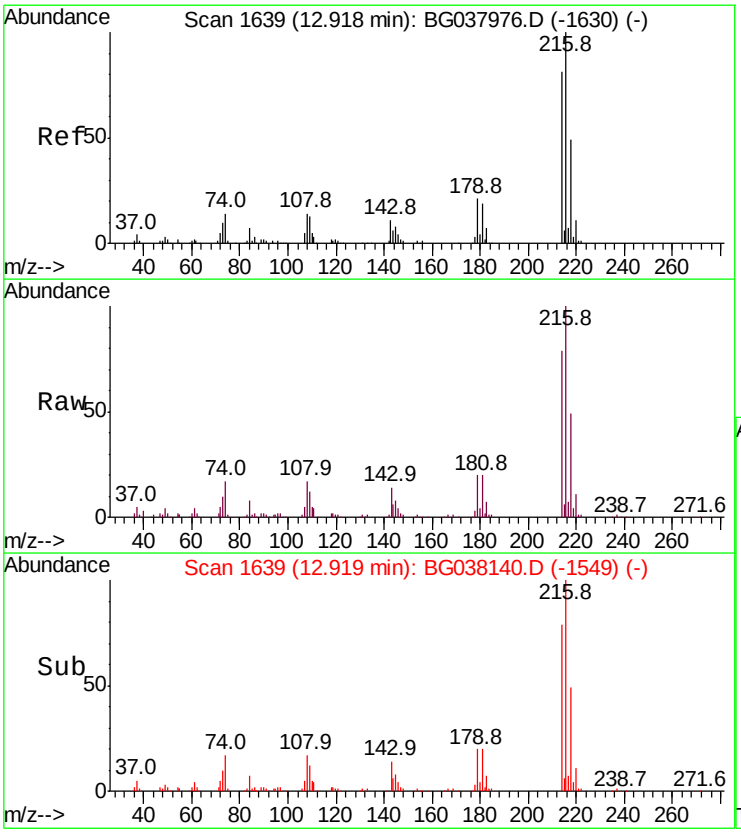
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:164 Resp: 118256

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	43.9	36.3	54.5

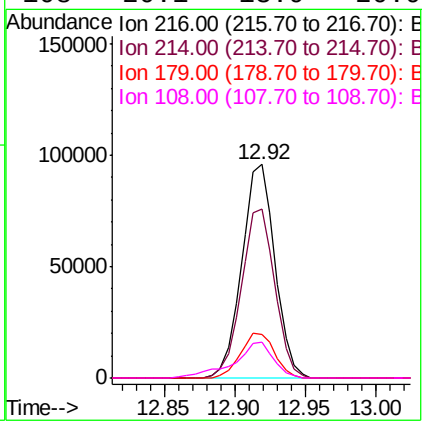


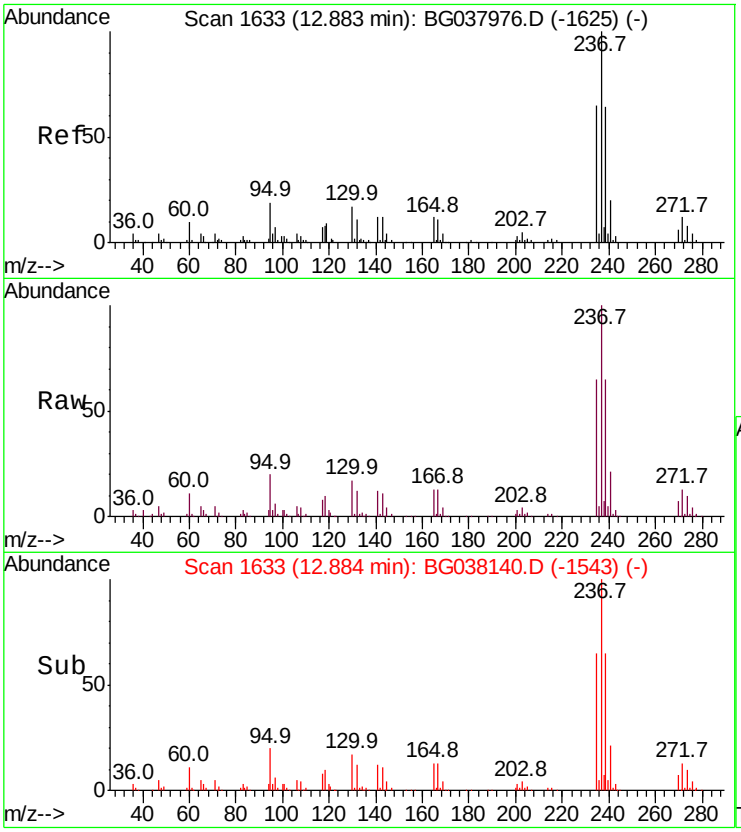


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.817 ng
RT: 12.92 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



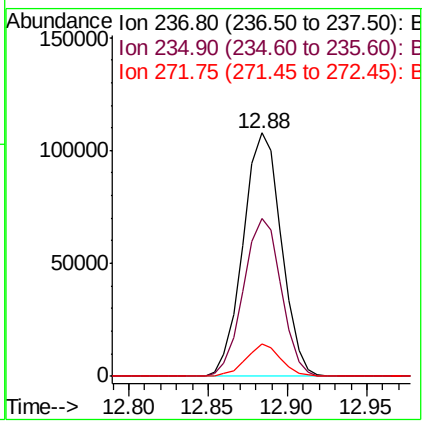


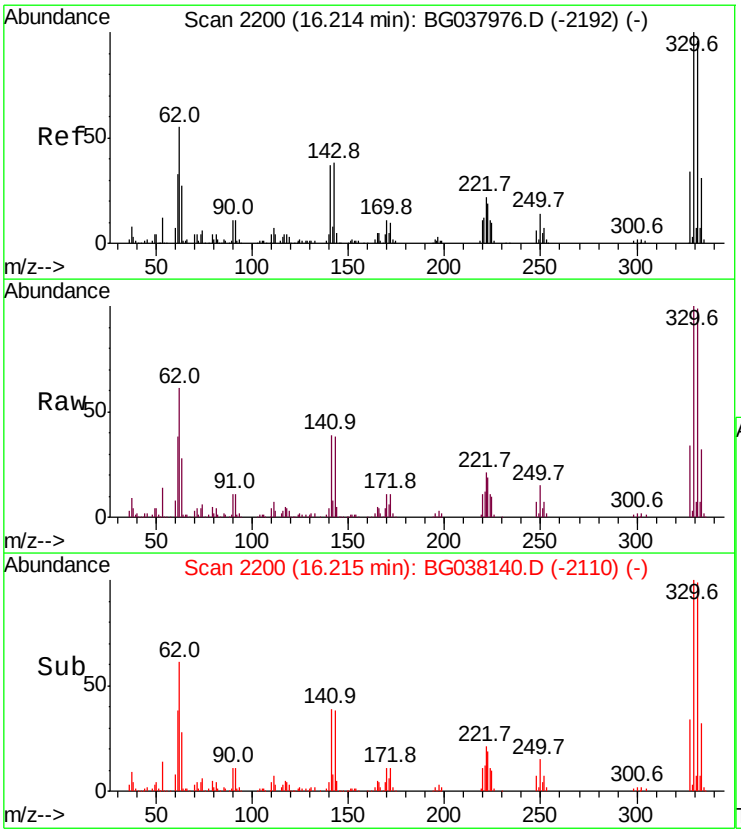
#41
Hexachlorocyclopentadiene
Concen: 85.430 ng
RT: 12.88 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:237 Resp: 180768

Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.5	82.5
272	13.1	0.0	31.6

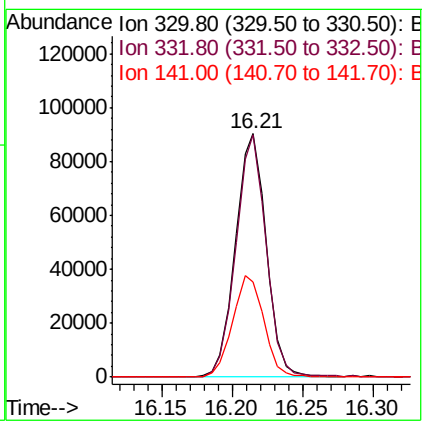


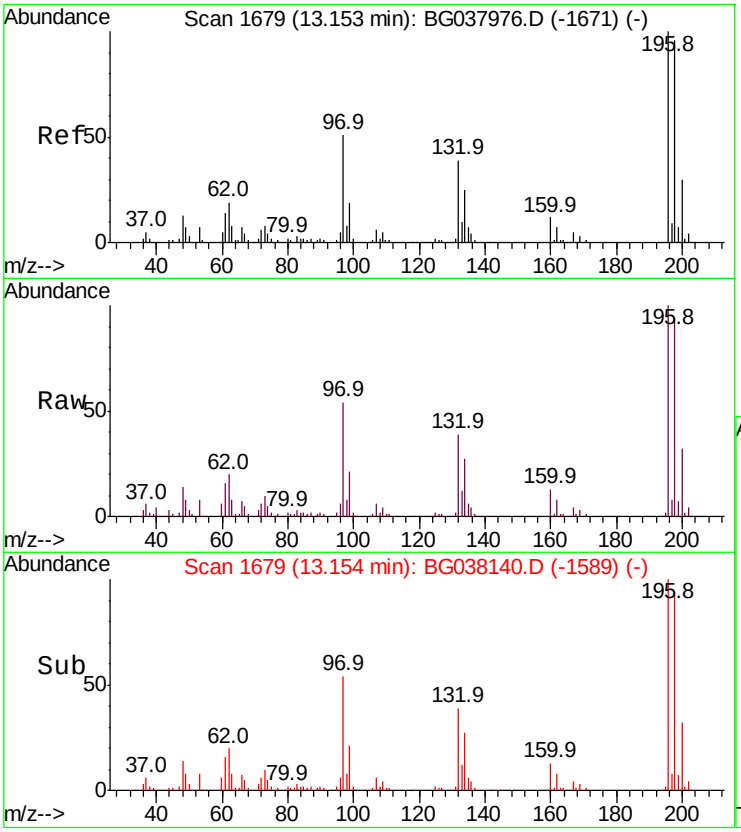


#42
2,4,6-Tribromophenol
Concen: 101.880 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



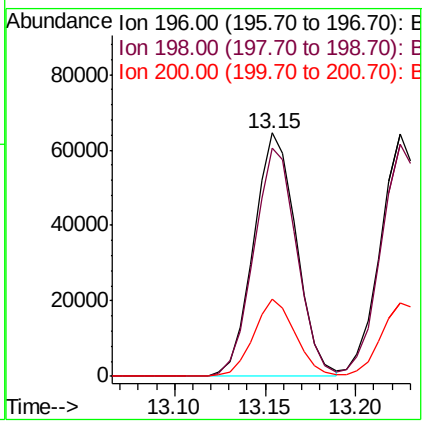


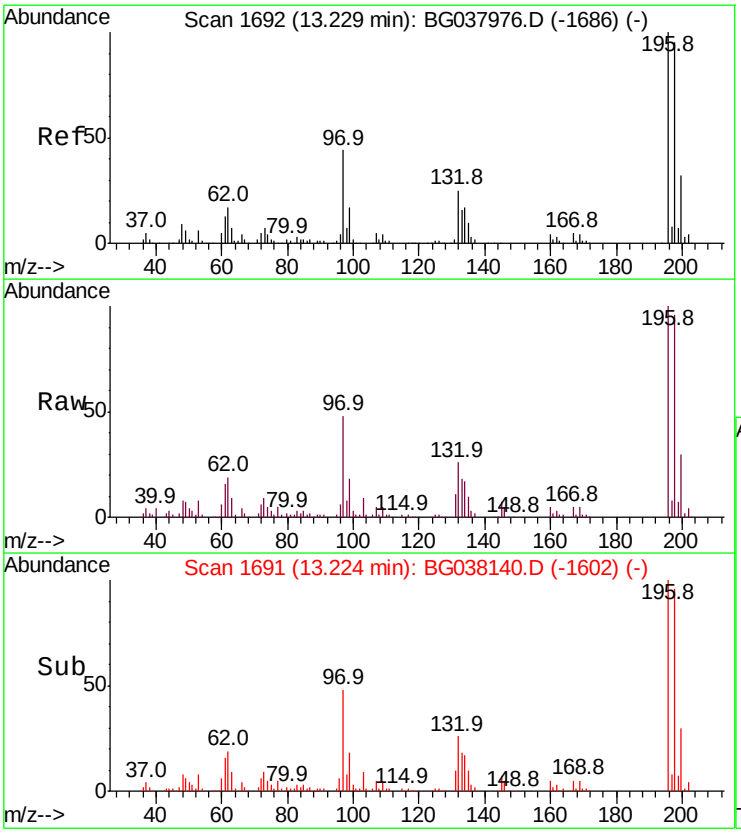
#43
2,4,6-Trichlorophenol
Concen: 39.273 ng
RT: 13.15 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:196 Resp: 105751

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

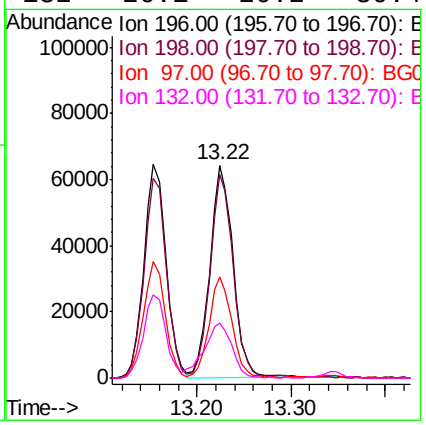


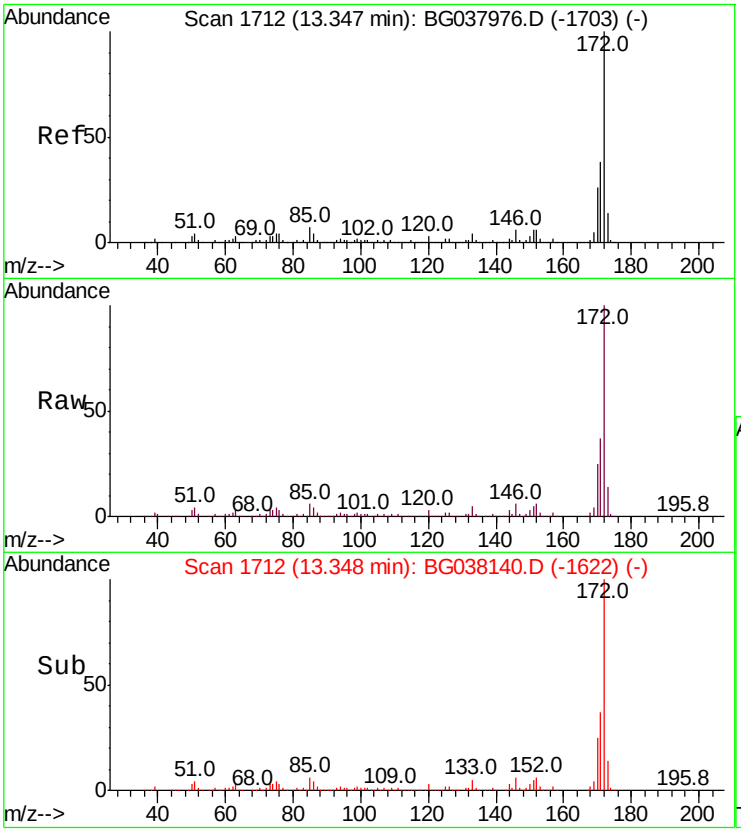


#44
2,4,5-Trichlorophenol
Concen: 39.251 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:196 Resp: 111210

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



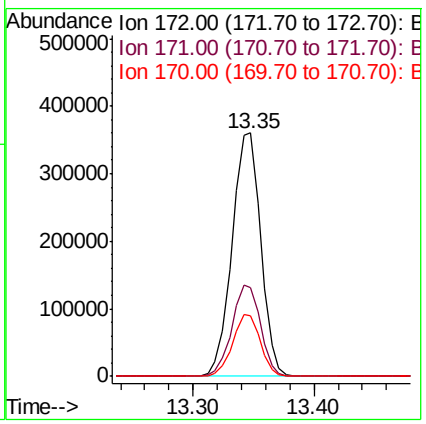


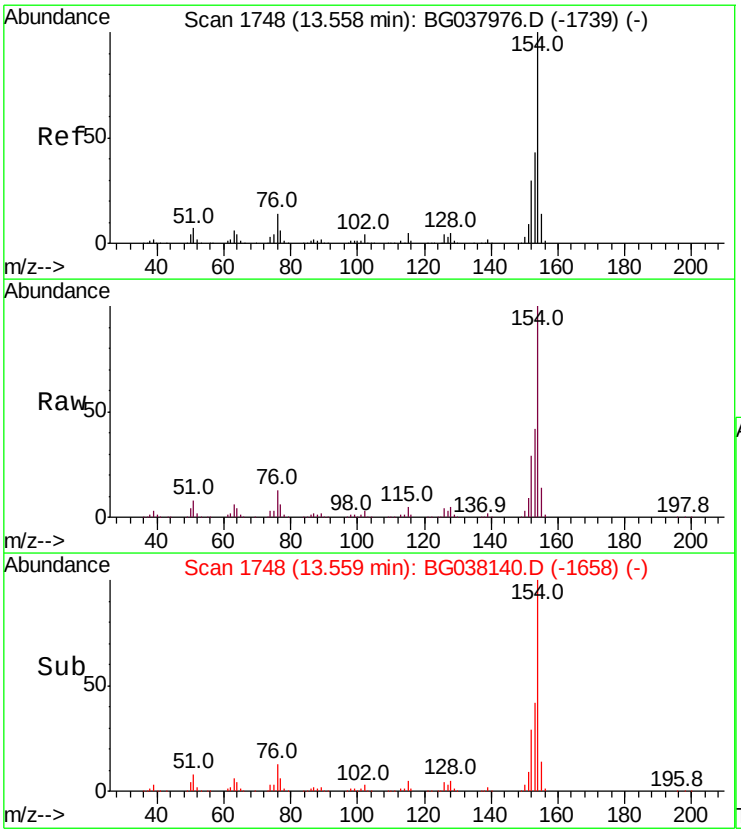
#45
2-Fluorobiphenyl
Concen: 73.529 ng
RT: 13.35 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:172 Resp: 596850

Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	25.1	20.2	30.2

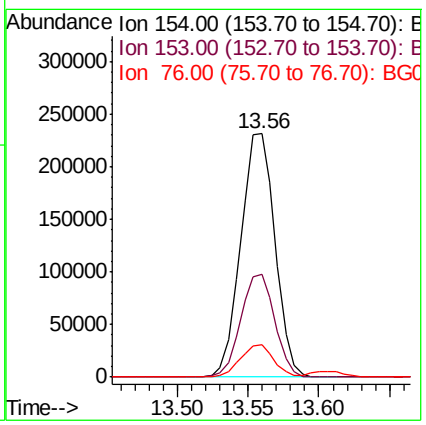


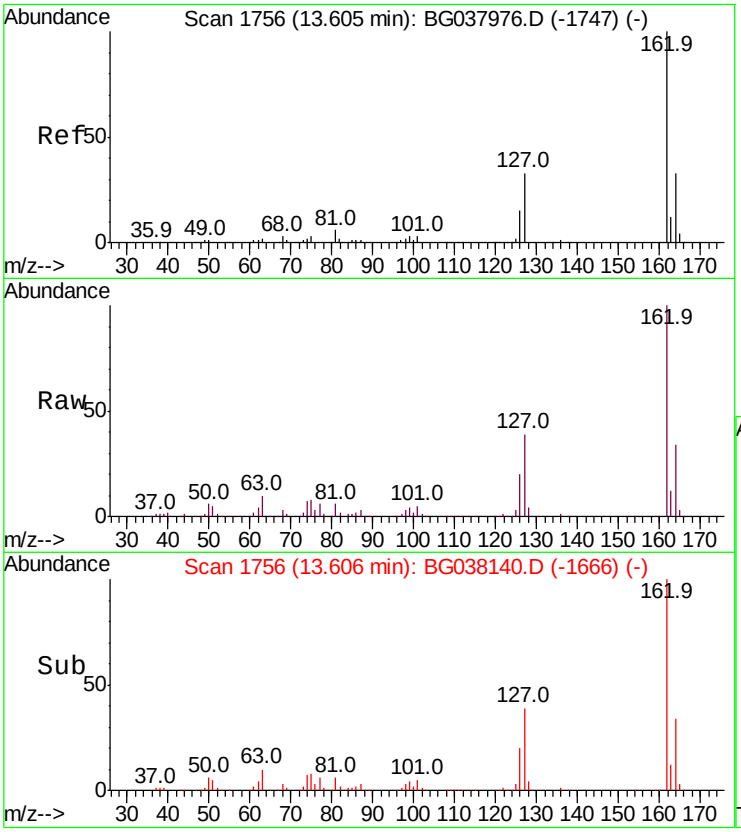


#46
1,1'-Biphenyl
Concen: 39.554 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



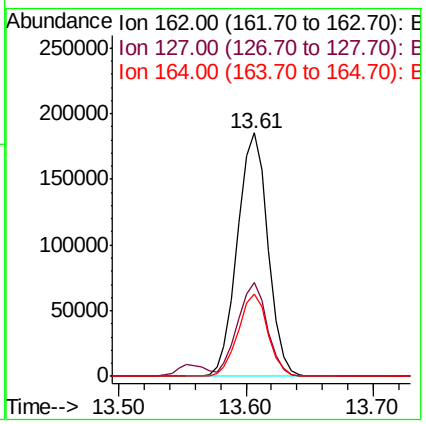


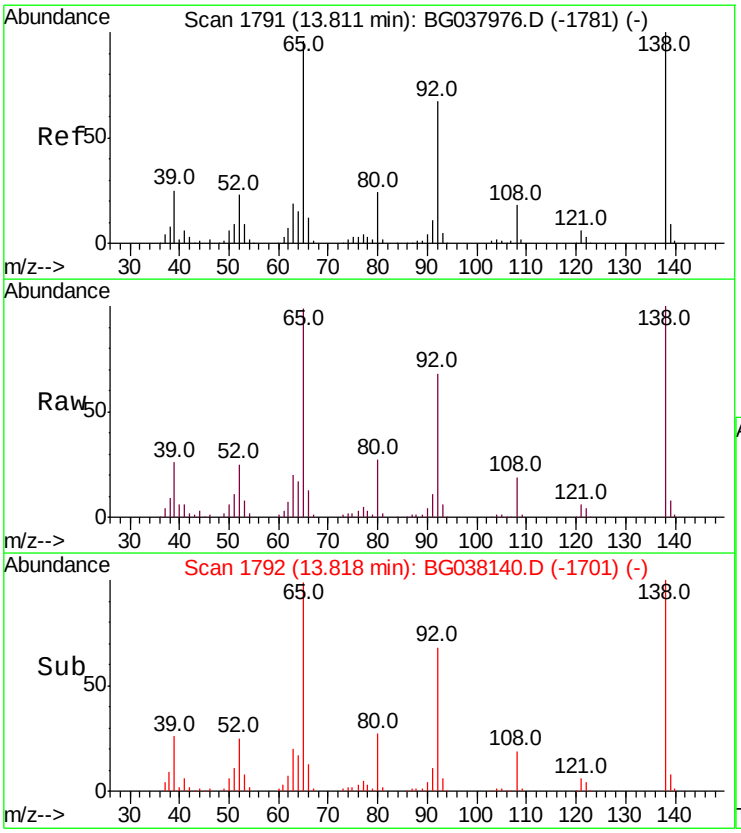
#47
2-Chloronaphthalene
Concen: 40.706 ng
RT: 13.61 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:162 Resp: 308594

Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	33.9	26.4	39.6

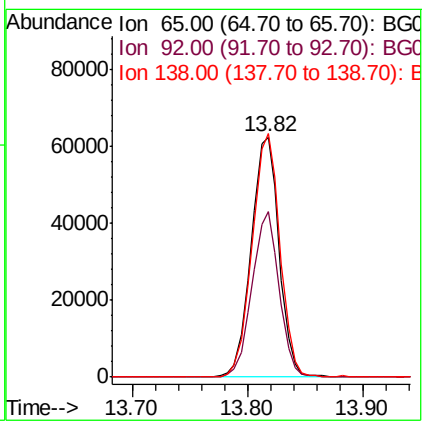


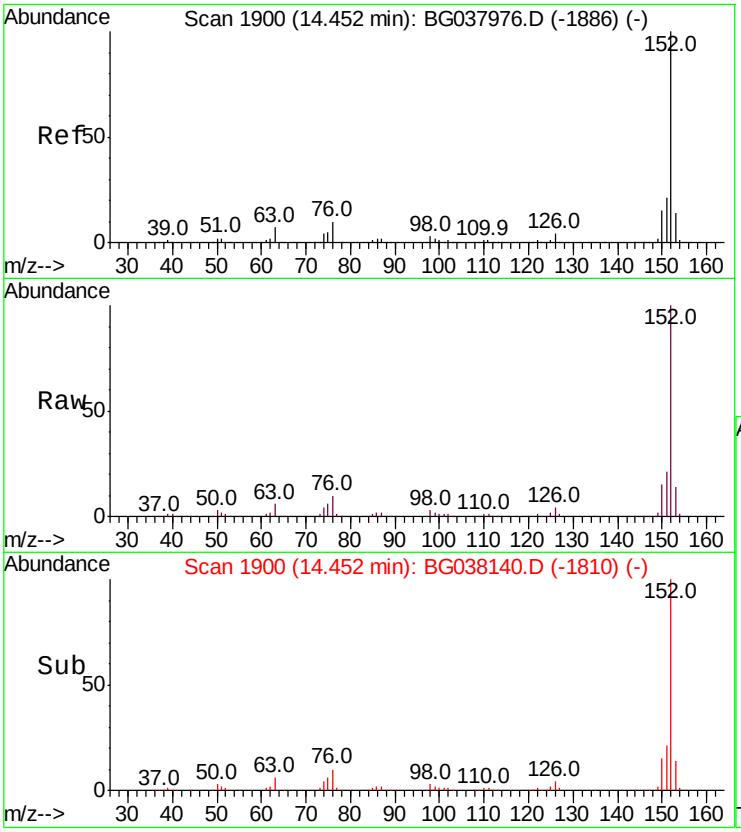


#48
2-Nitroaniline
Concen: 44.005 ng
RT: 13.82 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



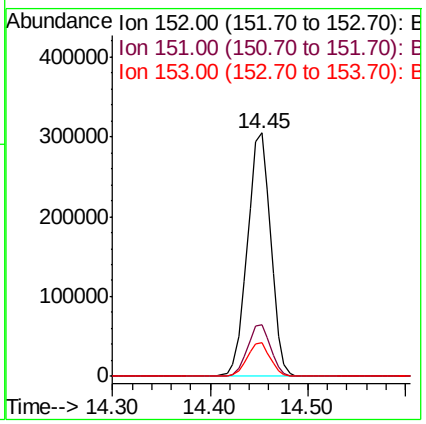


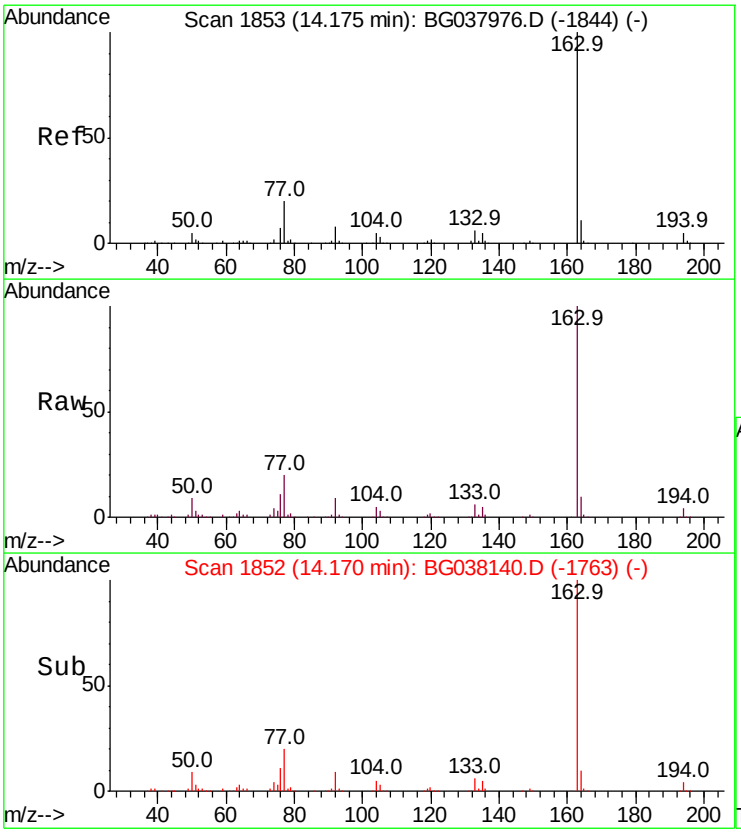
#49
Acenaphthylene
Concen: 44.378 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:152 Resp: 505927

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	13.8	11.1	16.7

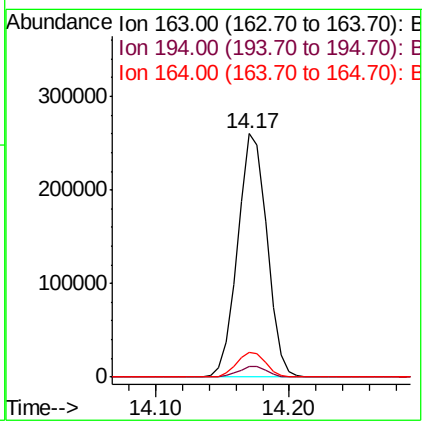


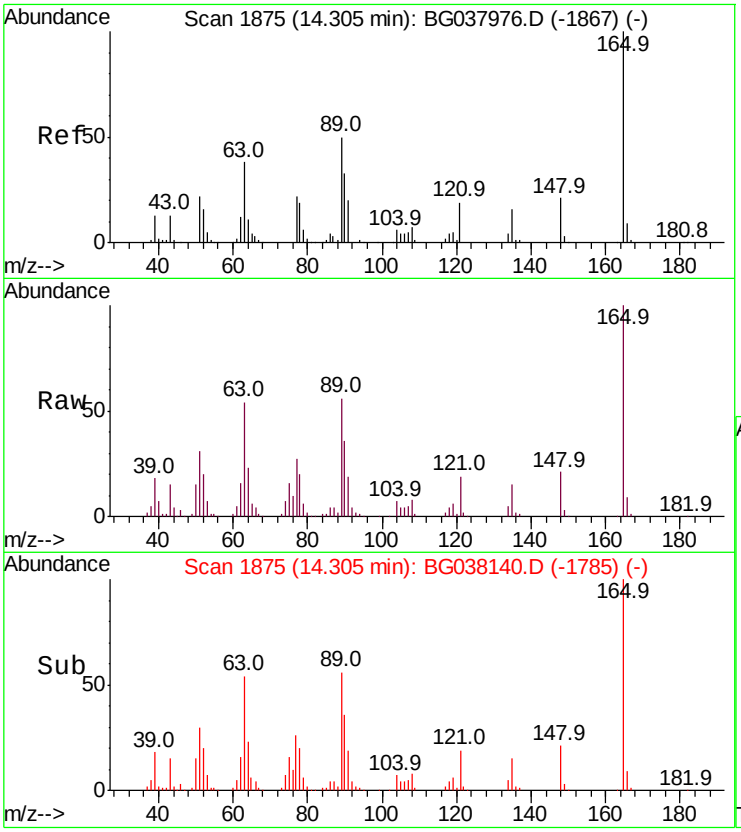


#50
Dimethylphthalate
Concen: 42.041 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



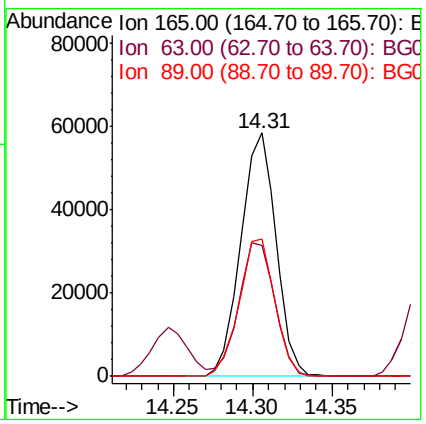


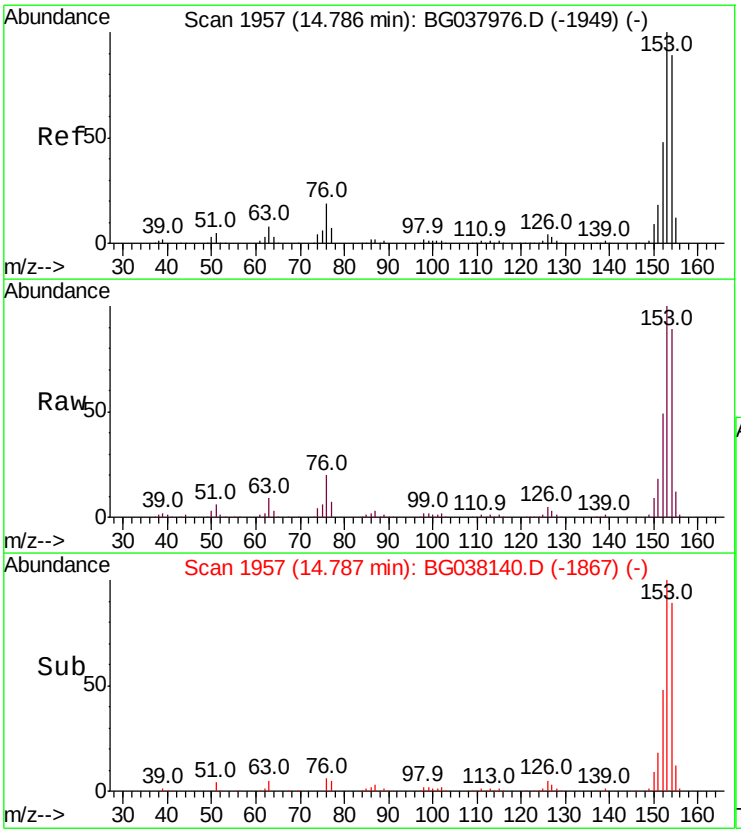
#51
2,6-Dinitrotoluene
Concen: 42.440 ng
RT: 14.31 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:165 Resp: 90050

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

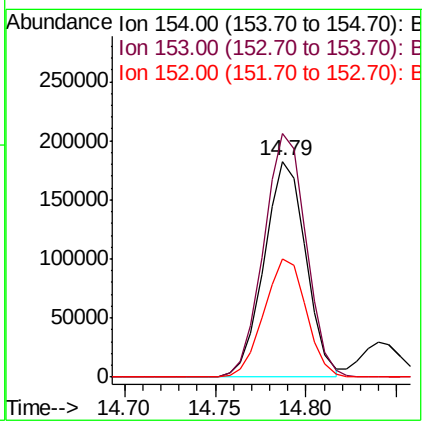


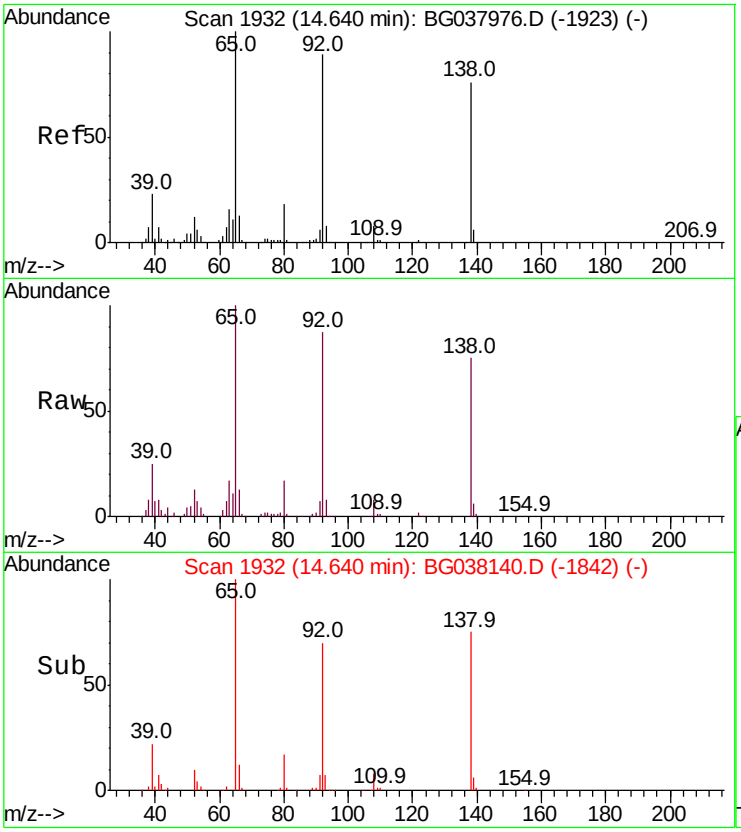


#52
Acenaphthene
Concen: 42.466 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:154 Resp: 291457

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



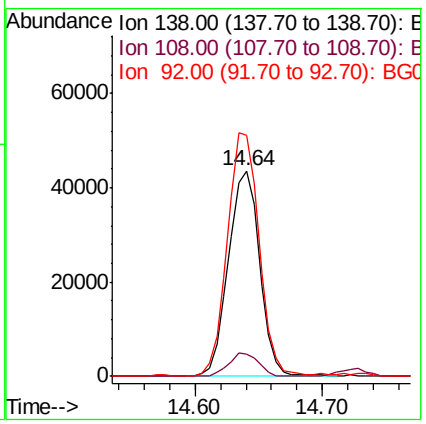


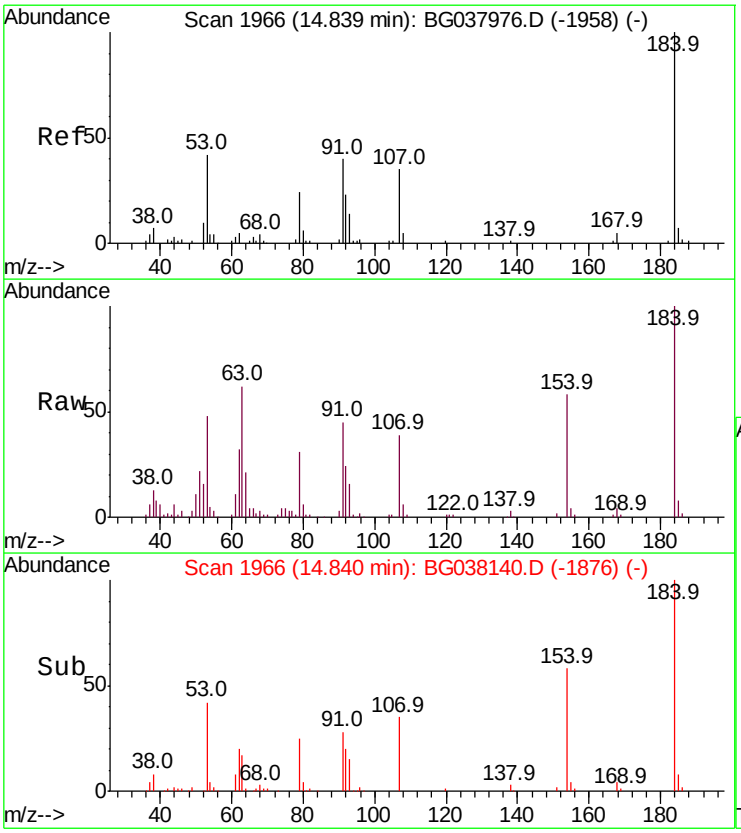
#53
3-Nitroaniline
Concen: 31.807 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument : BNA_G
ClientSampleId : VTW-02MS

Tgt Ion:138 Resp: 74472

Ion	Ratio	Lower	Upper
138	100		
108	11.1	11.0	16.6
92	117.2	95.2	142.8

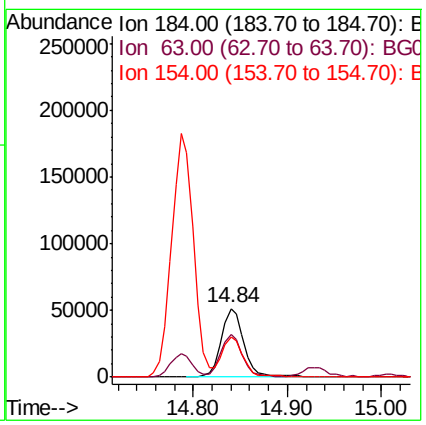


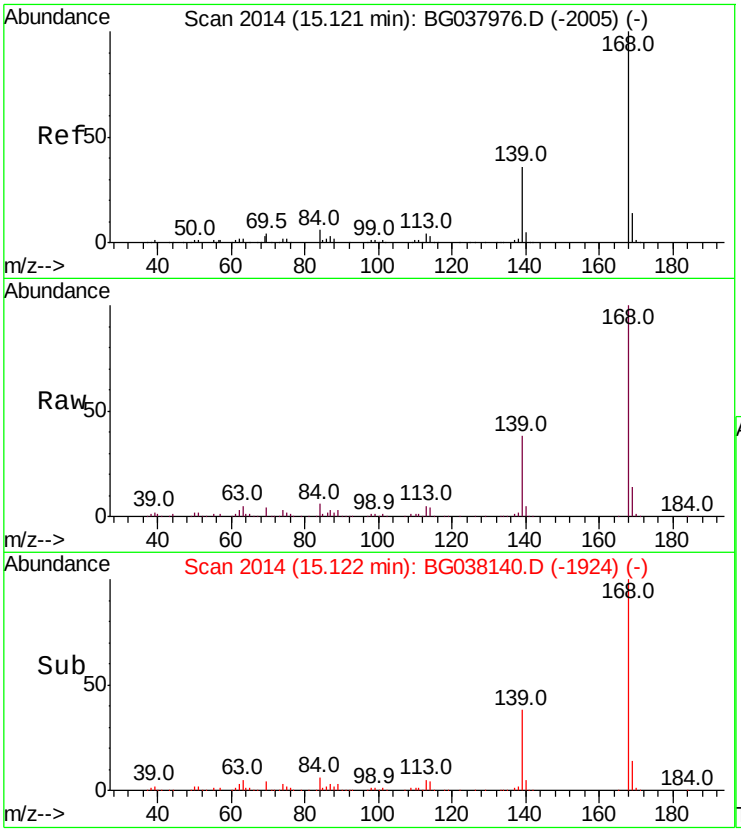


#54
2,4-Dinitrophenol
Concen: 75.824 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



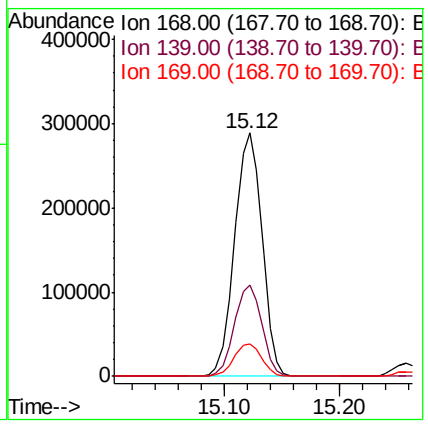


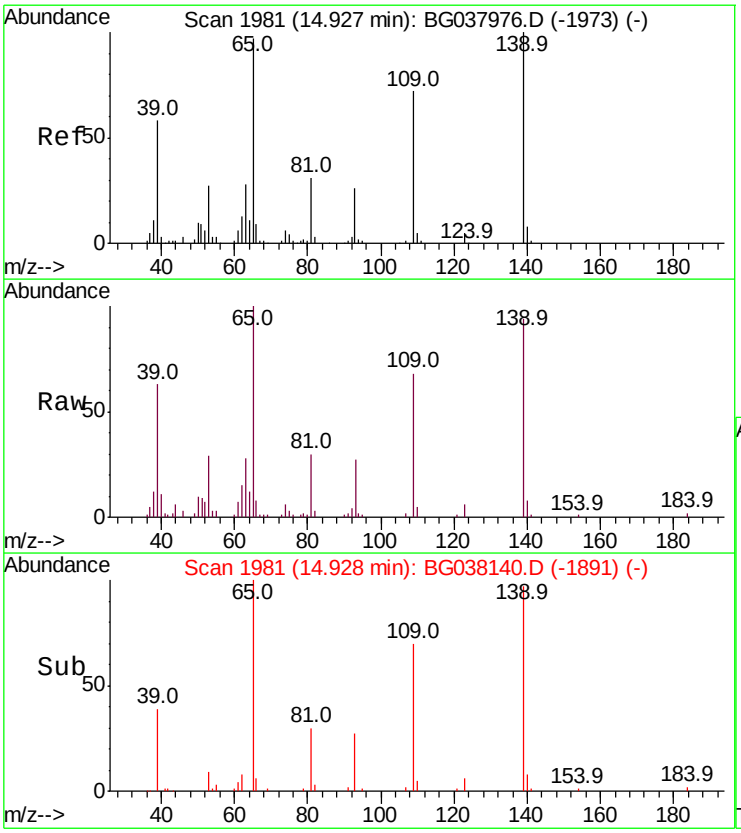
#55
Dibenzofuran
Concen: 41.769 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:168 Resp: 474024

Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.4	44.0
169	13.5	11.0	16.6

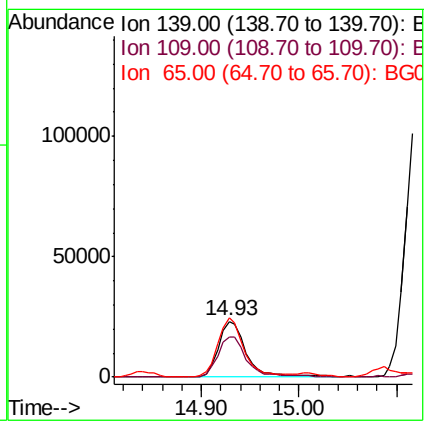


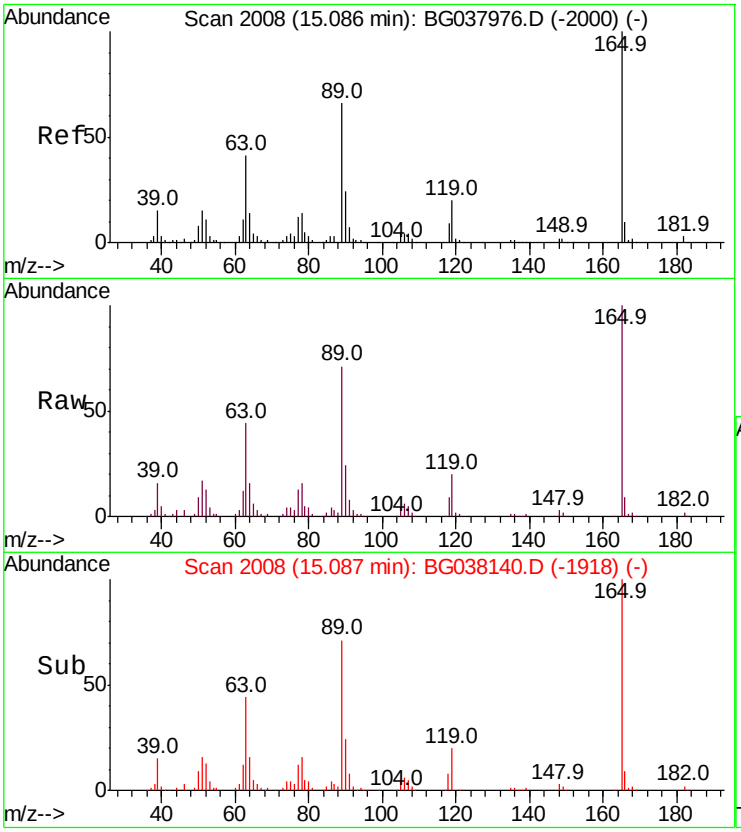


#56
4-Nitrophenol
Concen: 25.410 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



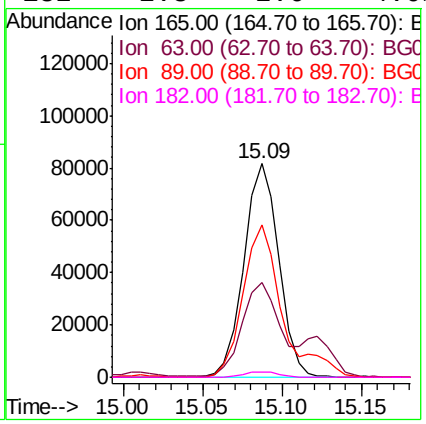


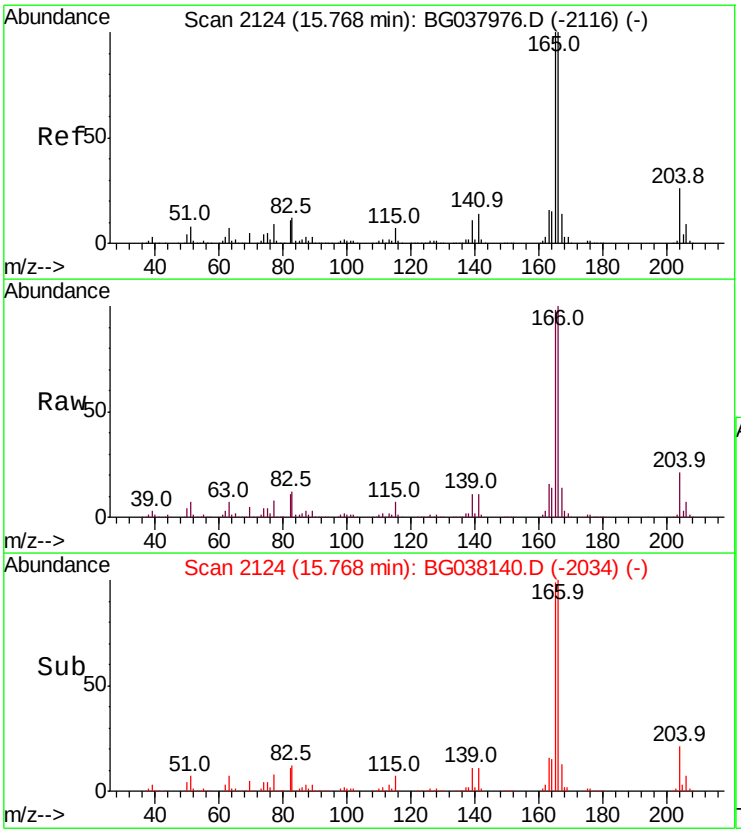
#57
2,4-Dinitrotoluene
Concen: 43.310 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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#

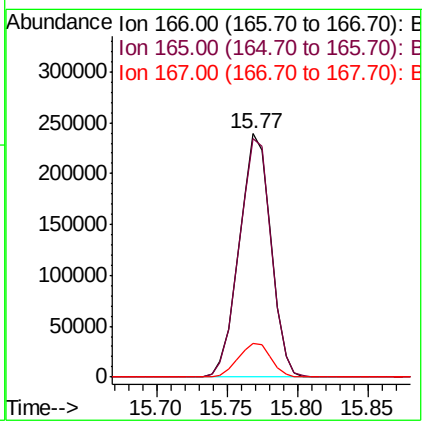


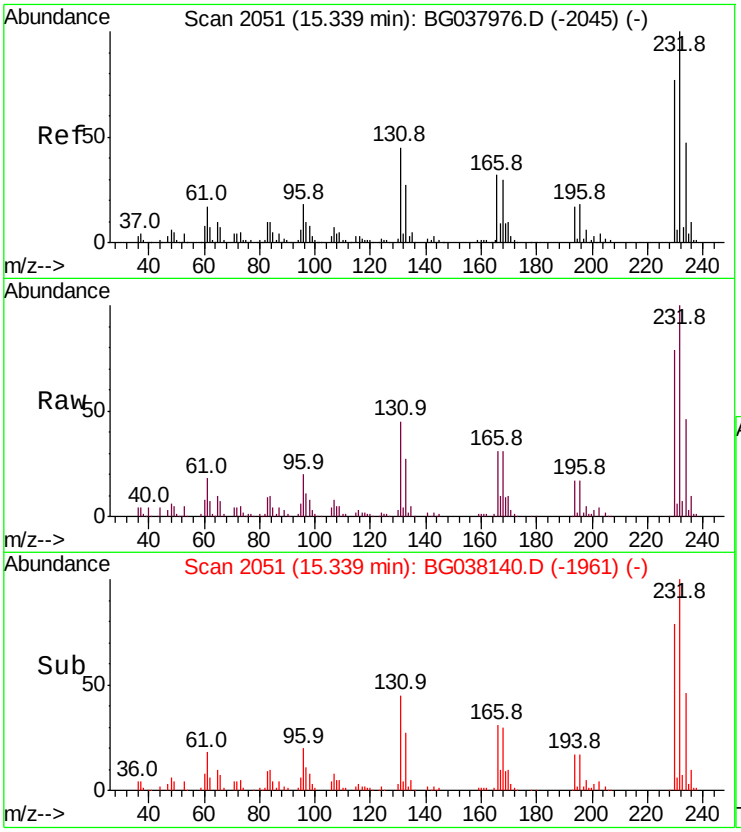


#58
Fluorene
Concen: 44.224 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



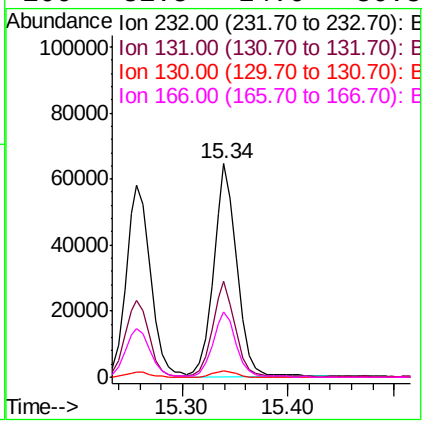


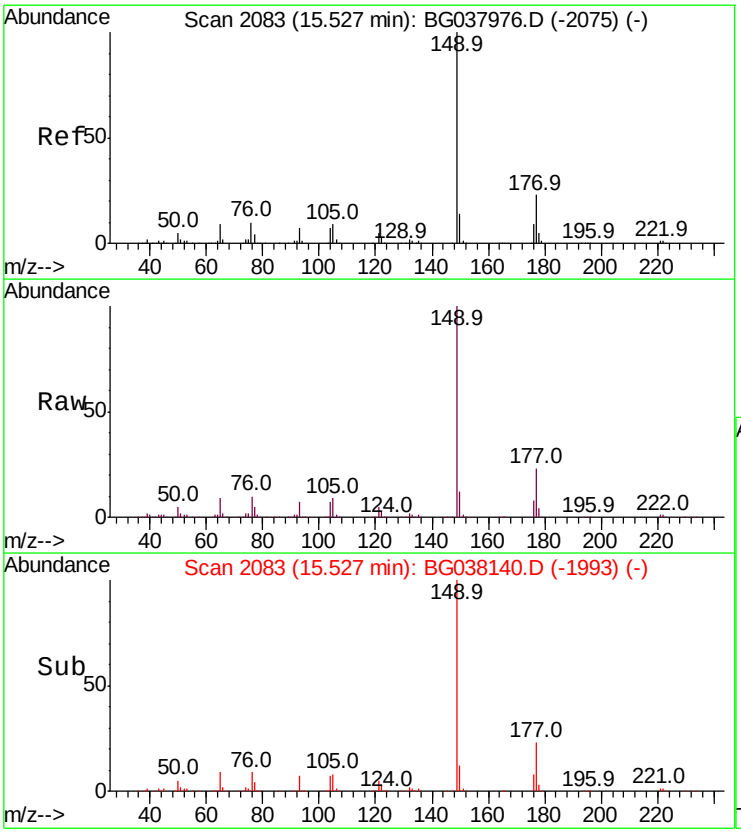
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.573 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

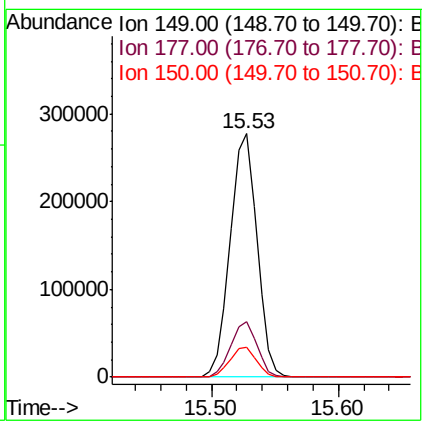


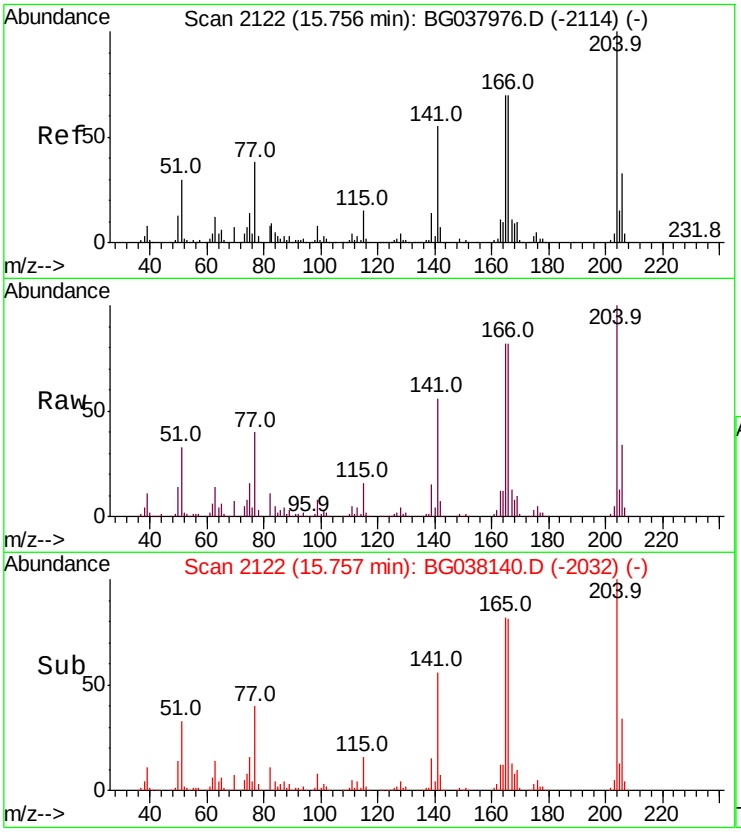


#60
Diethylphthalate
Concen: 40.633 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



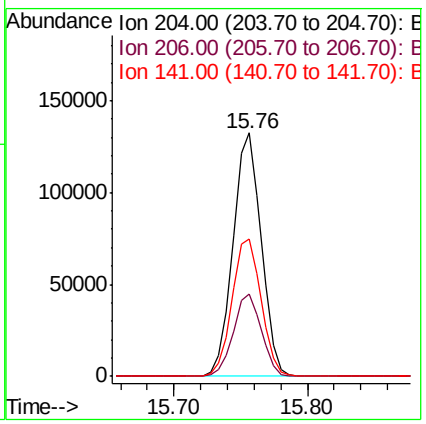


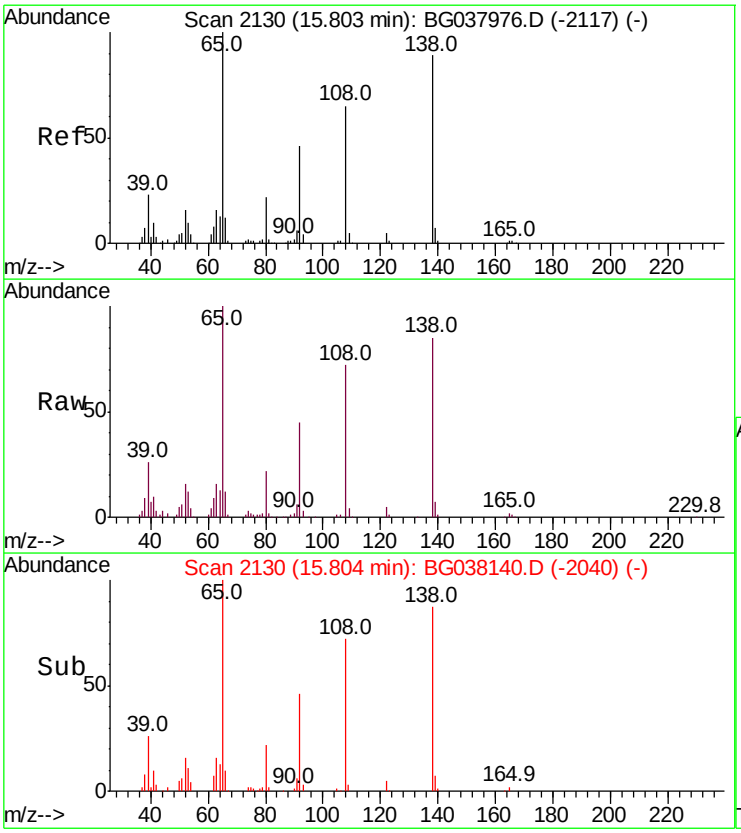
#61
4-Chlorophenyl-phenylether
Concen: 39.180 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:204 Resp: 194121

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	56.5	45.4	68.2

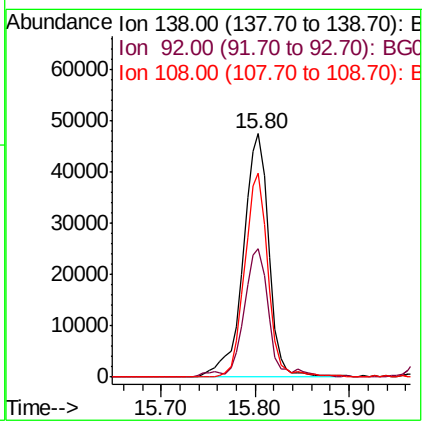


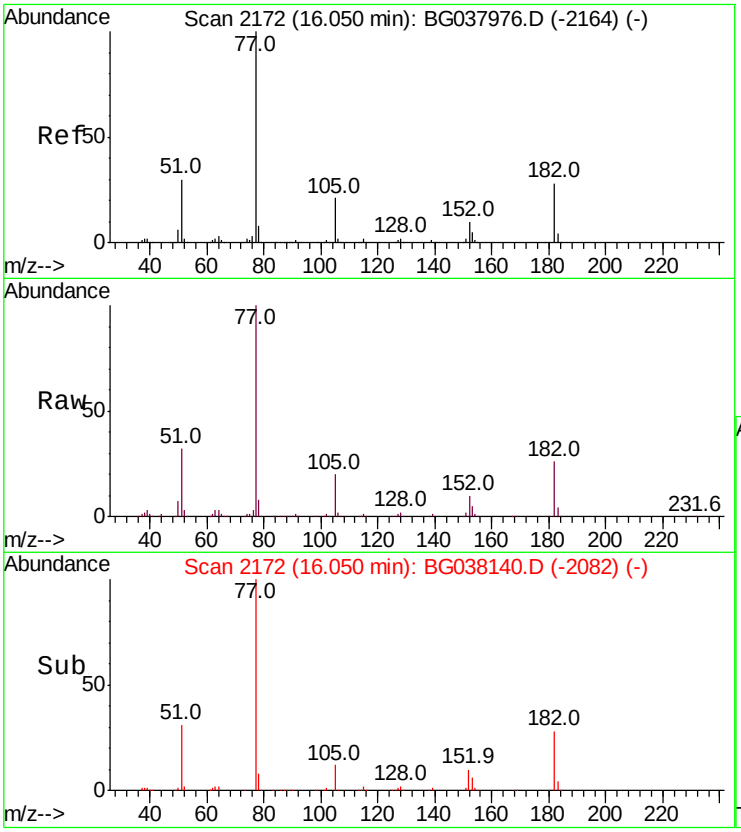


#62
4-Nitroaniline
Concen: 38.564 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



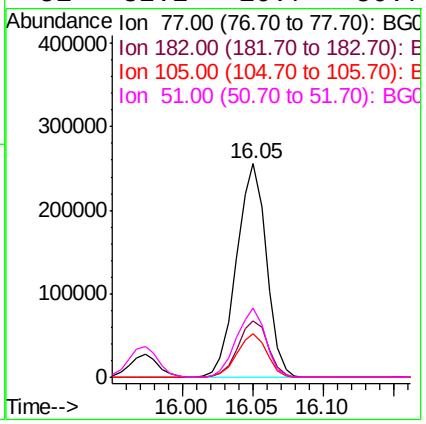


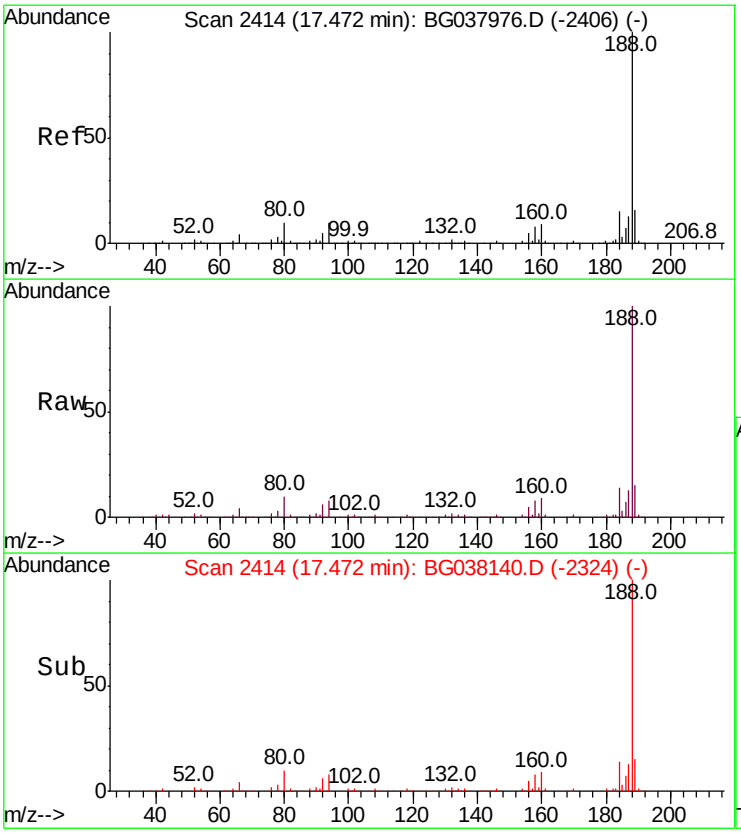
#63
Azobenzene
Concen: 42.234 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt 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

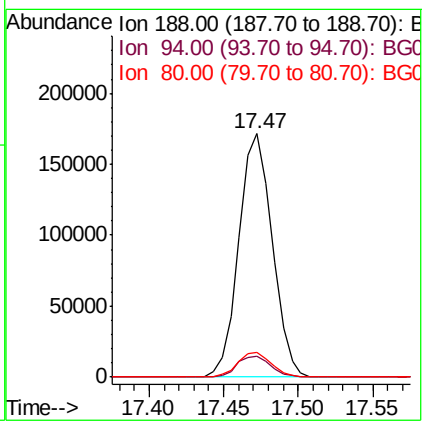


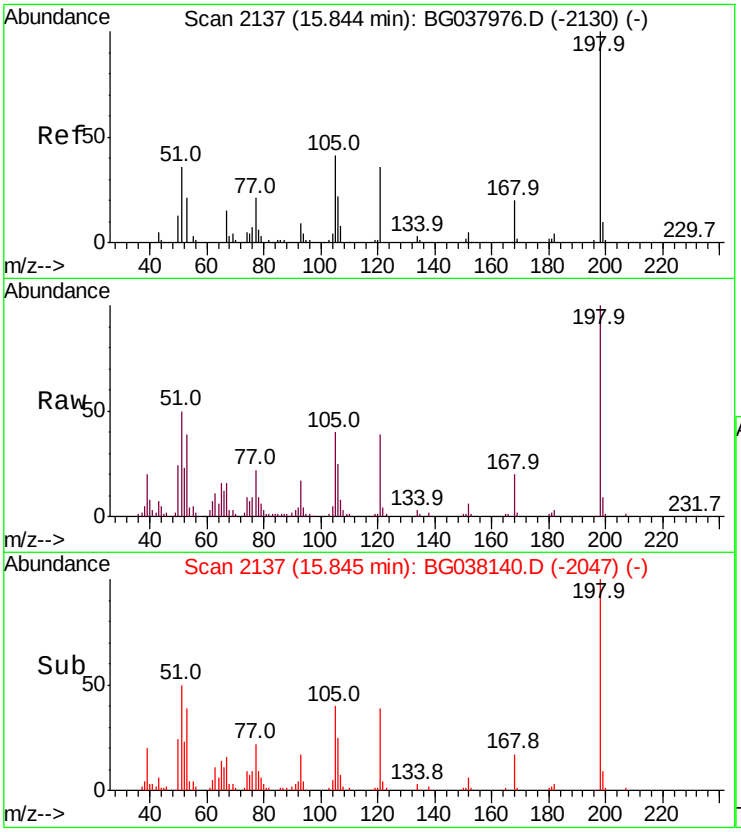


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



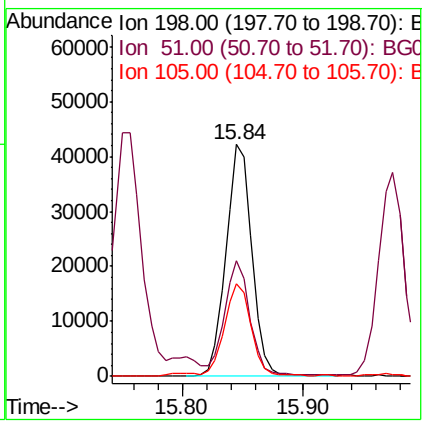


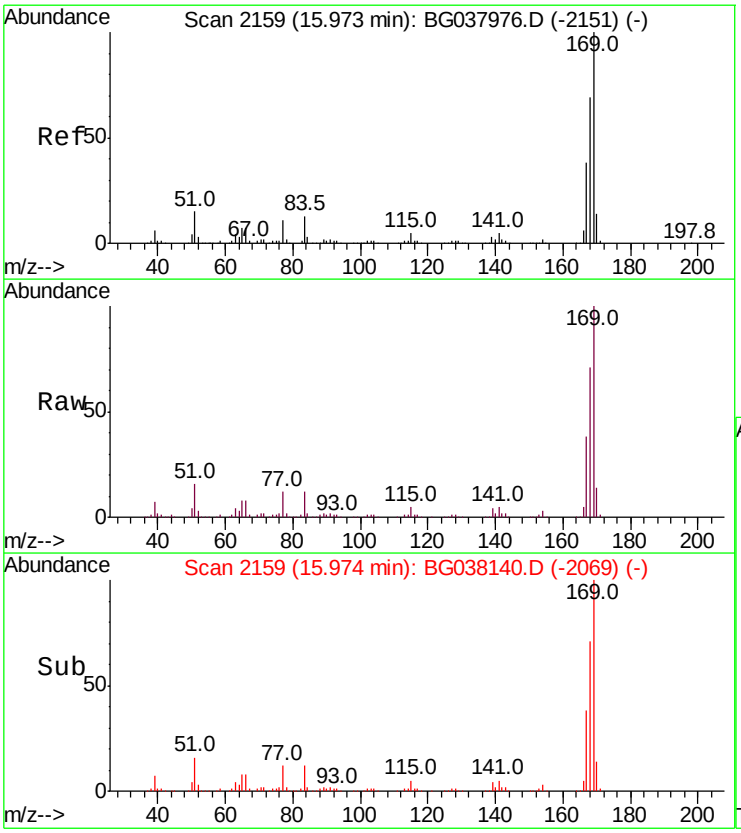
#65
4,6-Dinitro-2-methylphenol
Concen: 37.542 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:198 Resp: 63231

Ion	Ratio	Lower	Upper
198	100		
51	50.1	22.7	62.7
105	39.9	19.7	59.7

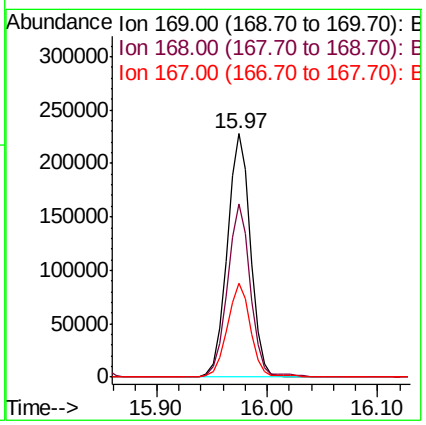


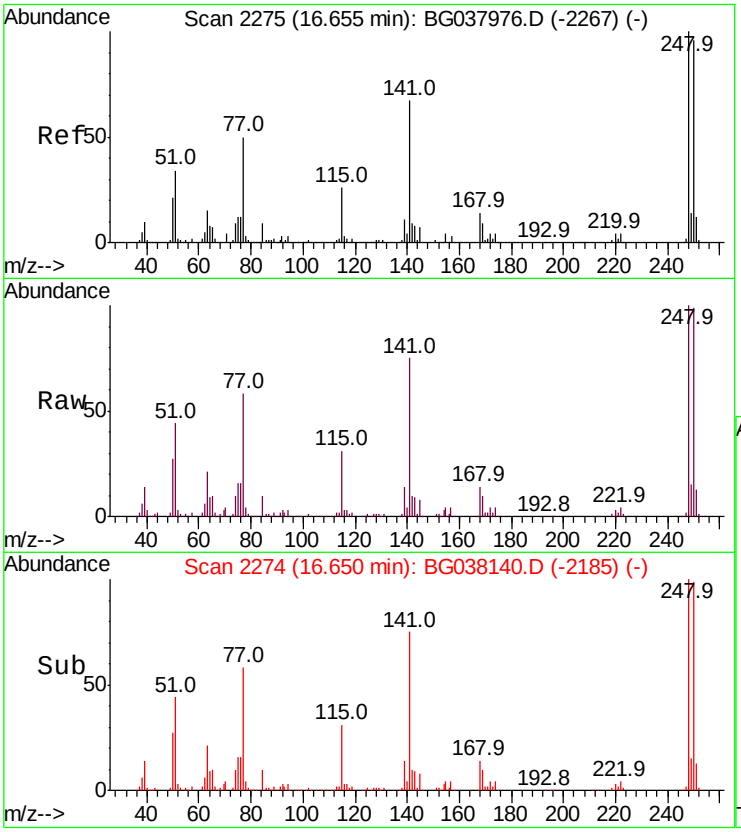


#66
n-Nitrosodiphenylamine
Concen: 41.590 ng
RT: 15.97 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



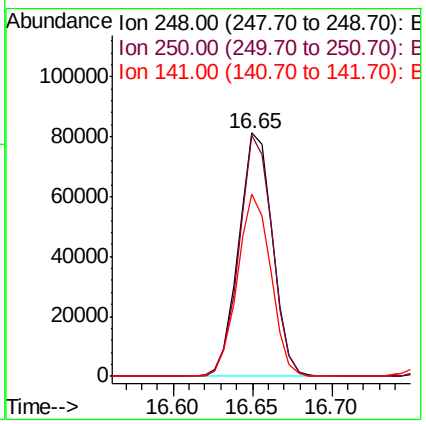


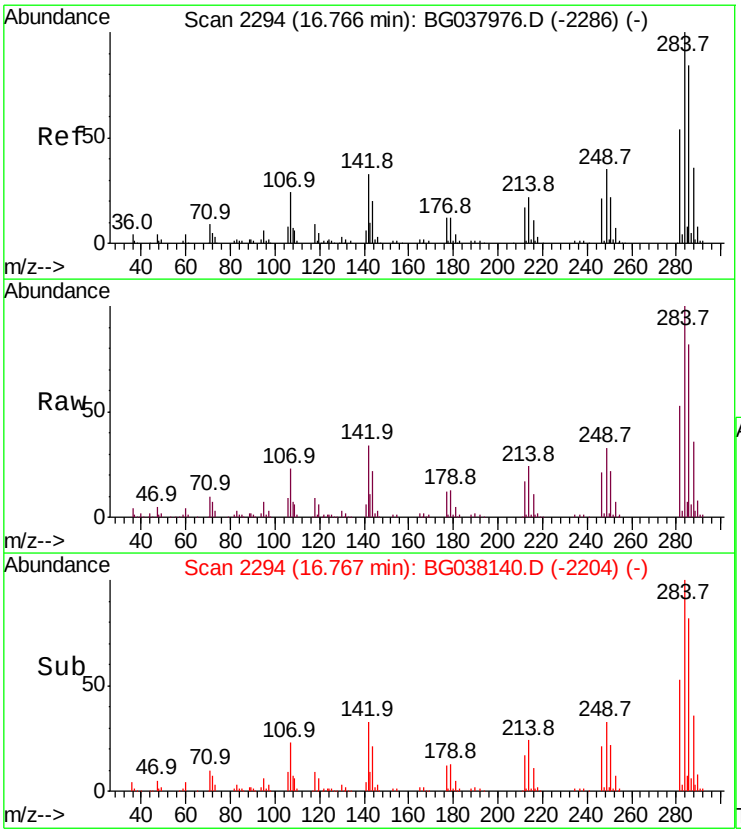
#67
4-Bromophenyl-phenylether
Concen: 40.959 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:248 Resp: 119712

Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.0	115.6
141	74.6	55.5	83.3

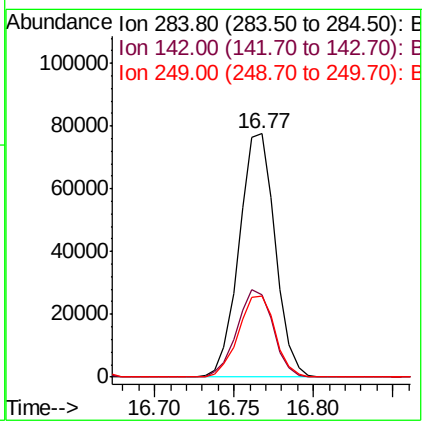


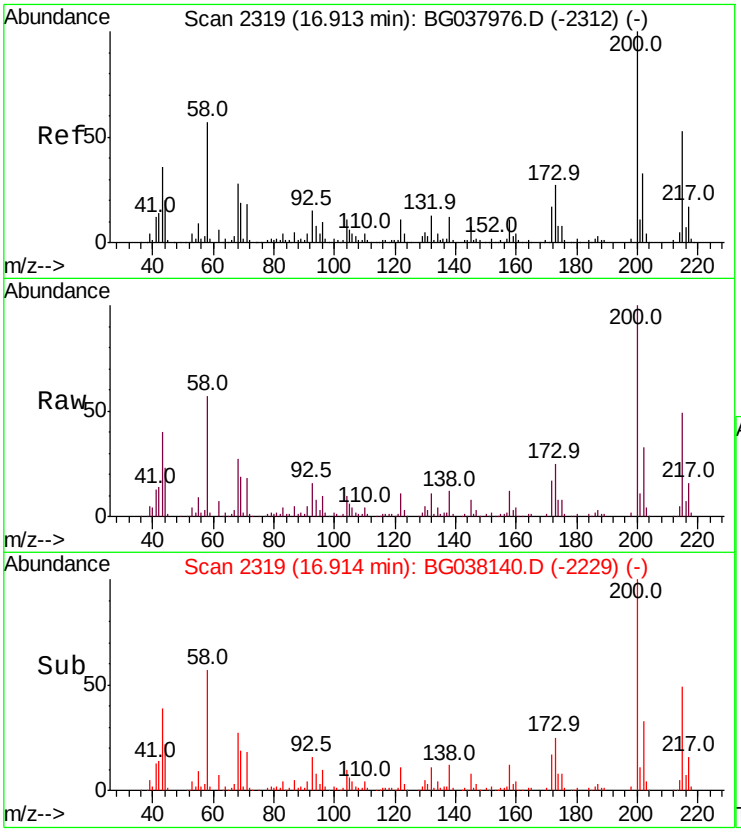


#68
Hexachlorobenzene
Concen: 40.524 ng
RT: 16.77 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



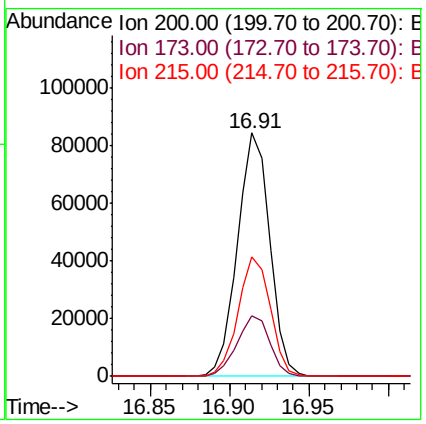


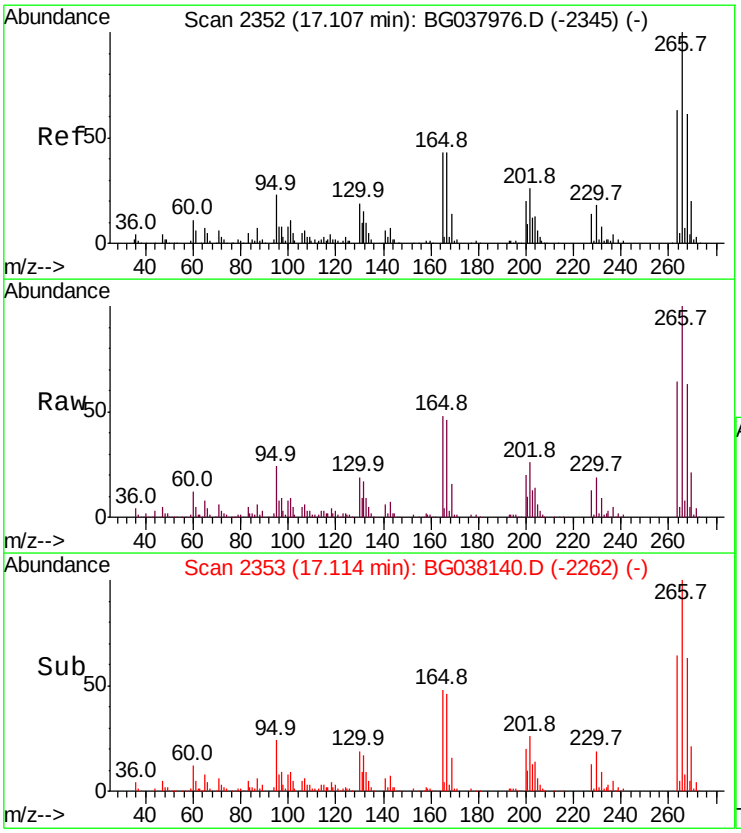
#69
Atrazine
Concen: 40.150 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:200 Resp: 119233

Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.1	46.1
215	49.3	30.8	70.8

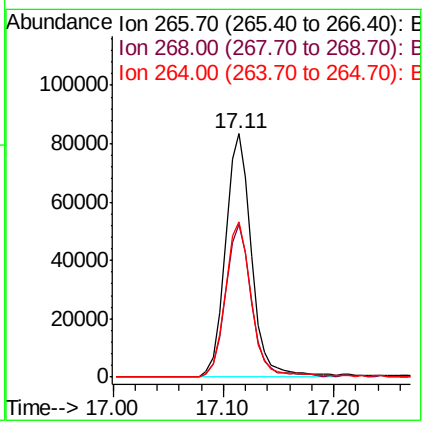


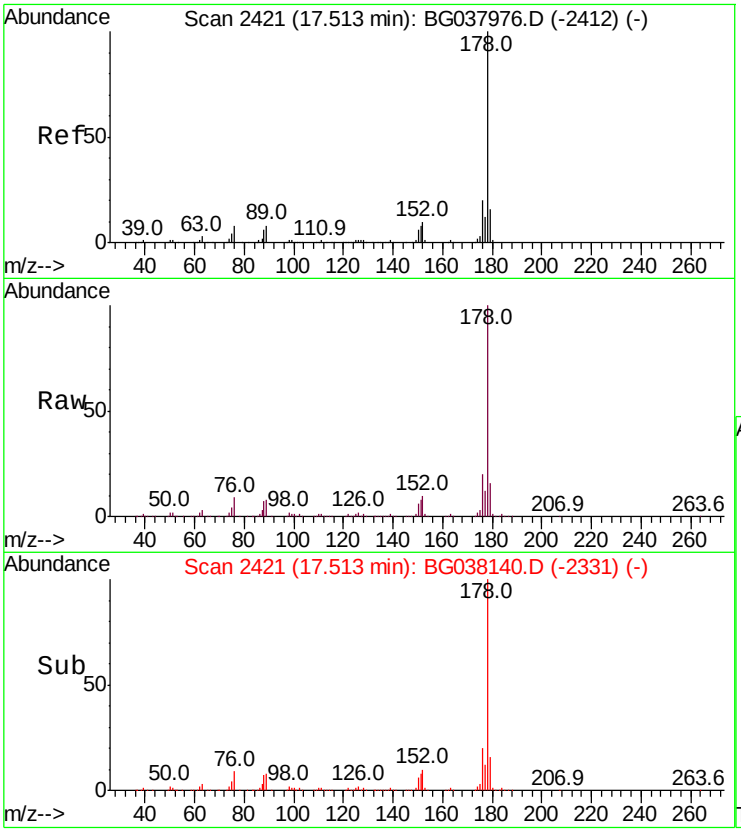


#70
Pentachlorophenol
Concen: 67.413 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



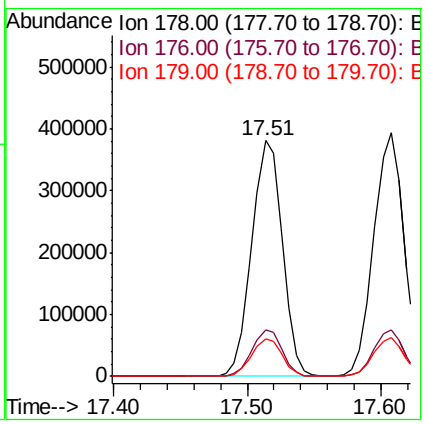


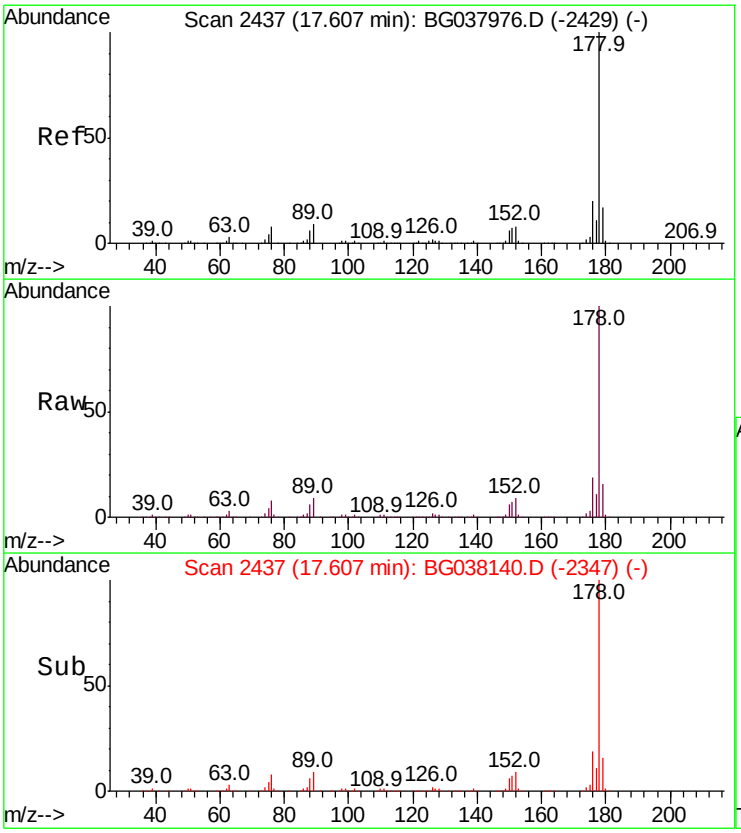
#71
Phenanthrene
Concen: 44.173 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:178 Resp: 602237

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.8	13.0	19.4

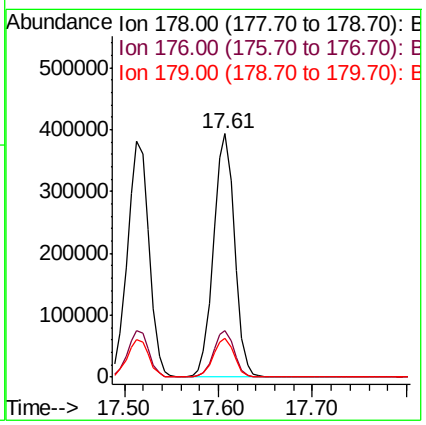


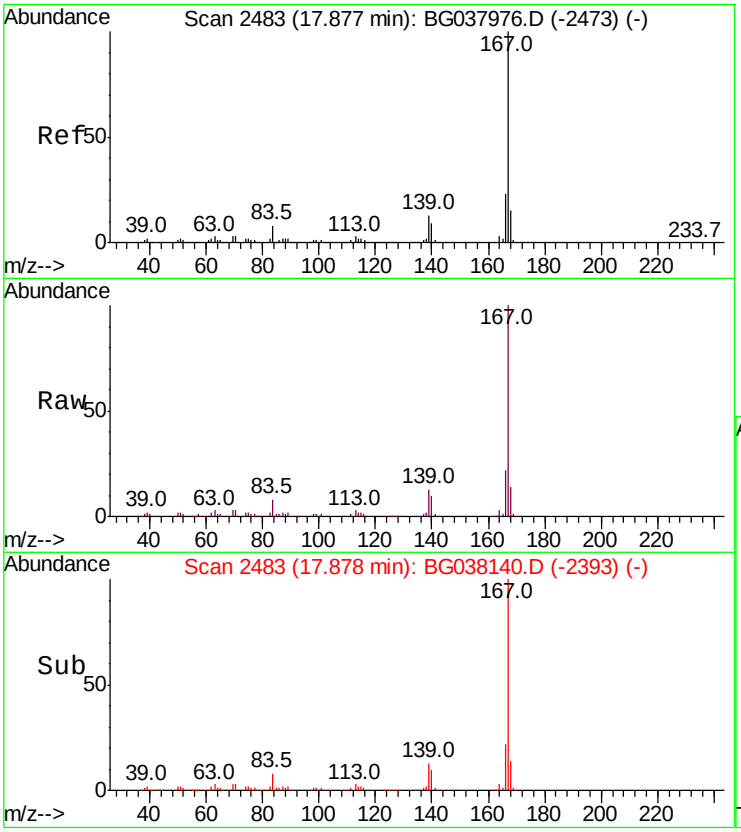


#72
Anthracene
Concen: 45.794 ng
RT: 17.61 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



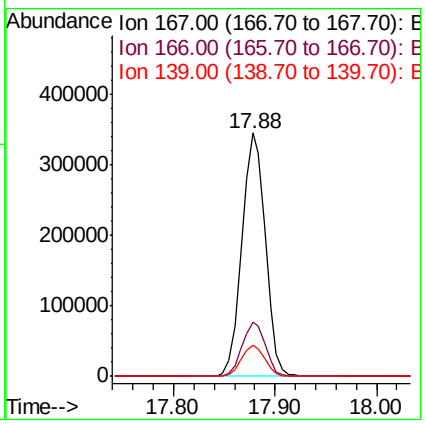


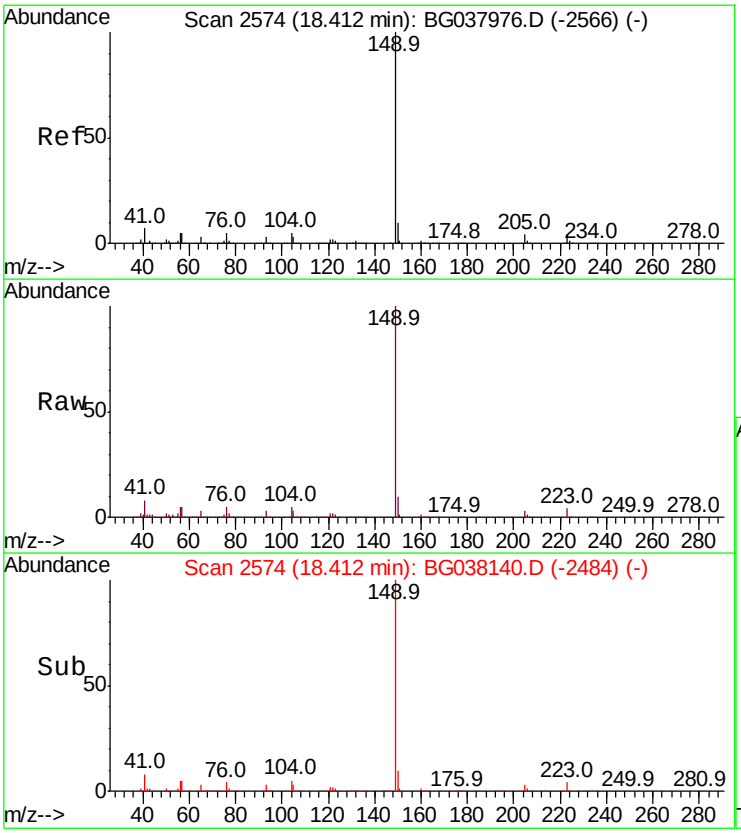
#73
Carbazole
Concen: 41.034 ng
RT: 17.88 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:167 Resp: 553273

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

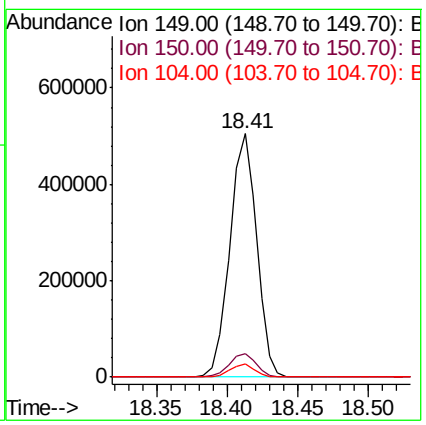


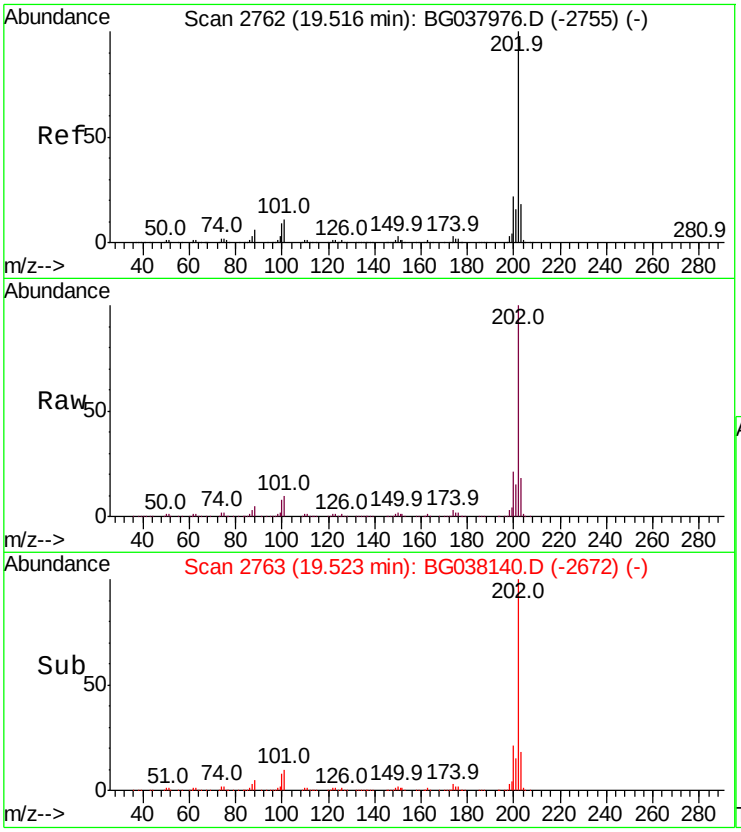


#74
Di-n-butylphthalate
Concen: 43.996 ng
RT: 18.41 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:149 Resp: 665905

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



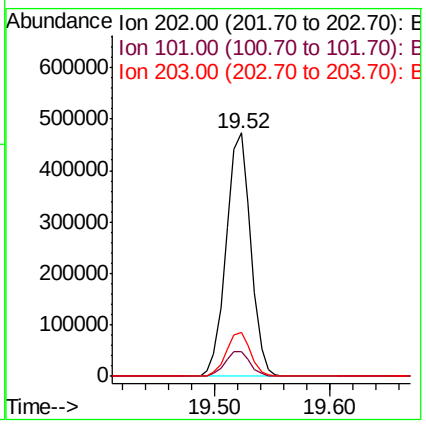


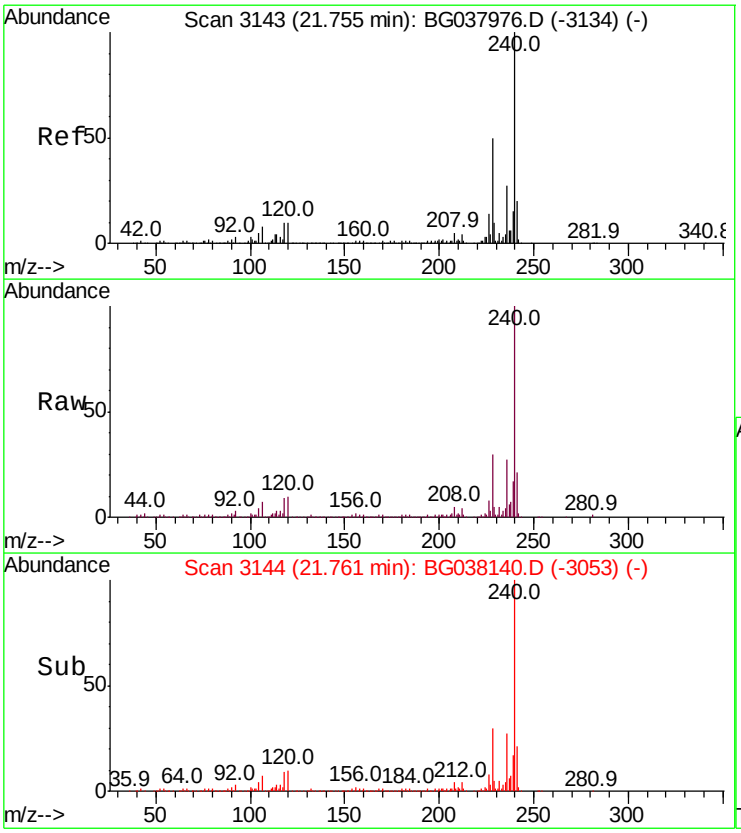
#75
Fluoranthene
Concen: 44.407 ng
RT: 19.52 min Scan# 2763
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:202 Resp: 690743

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.7
203	18.2	0.0	38.5

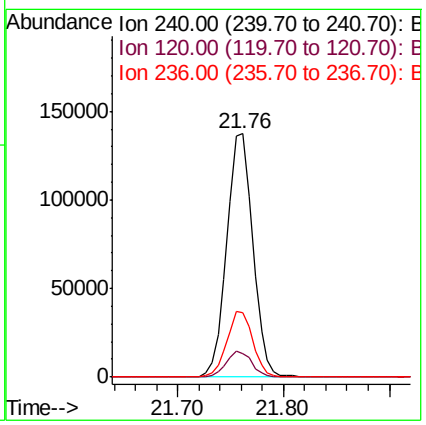


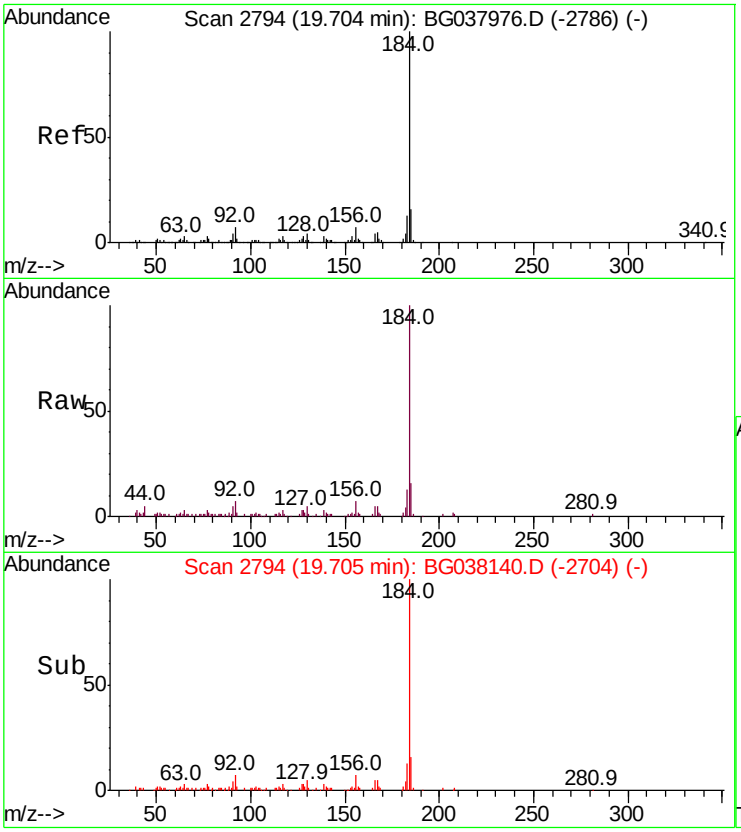


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



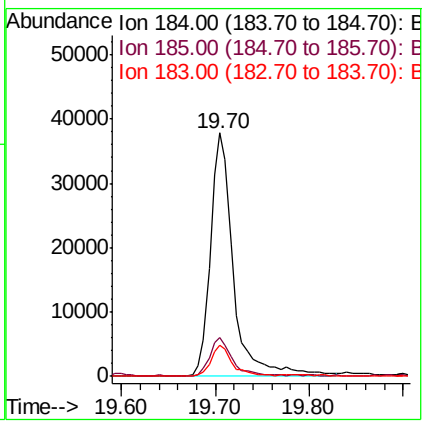


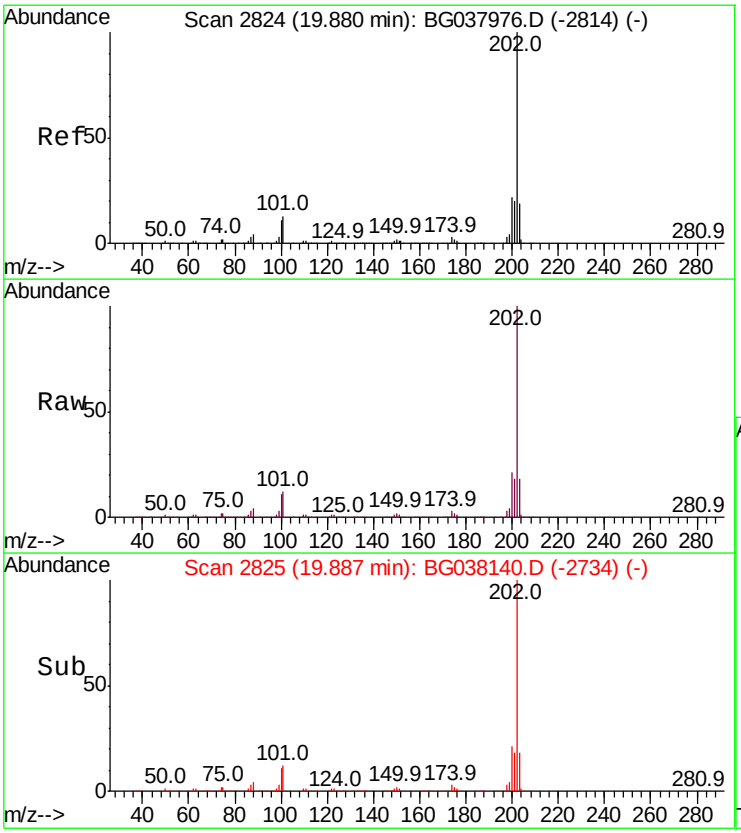
#77
Benzidine
Concen: 7.890 ng
RT: 19.70 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:184 Resp: 65039

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.6	18.8
183	12.7	10.2	15.2

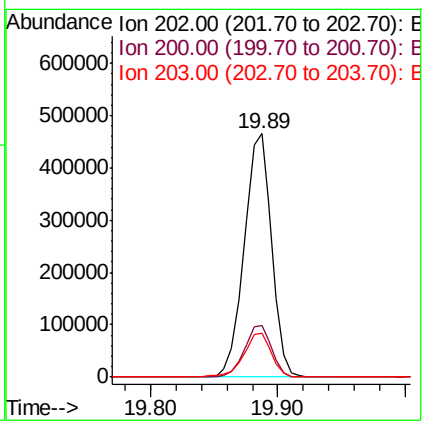


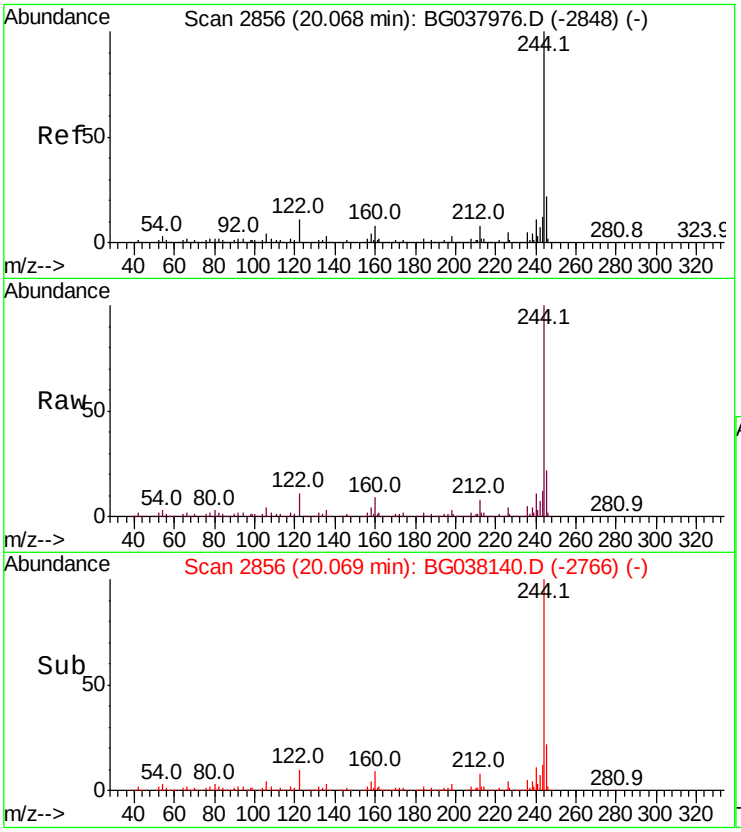


#78
Pyrene
Concen: 45.518 ng
RT: 19.89 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



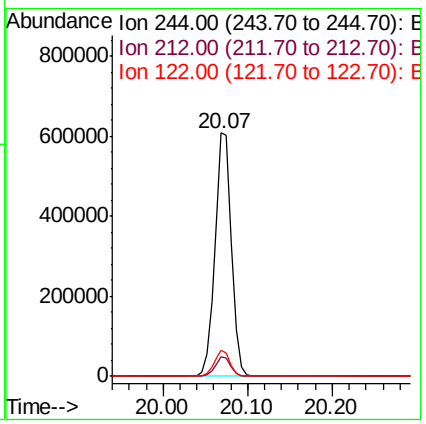


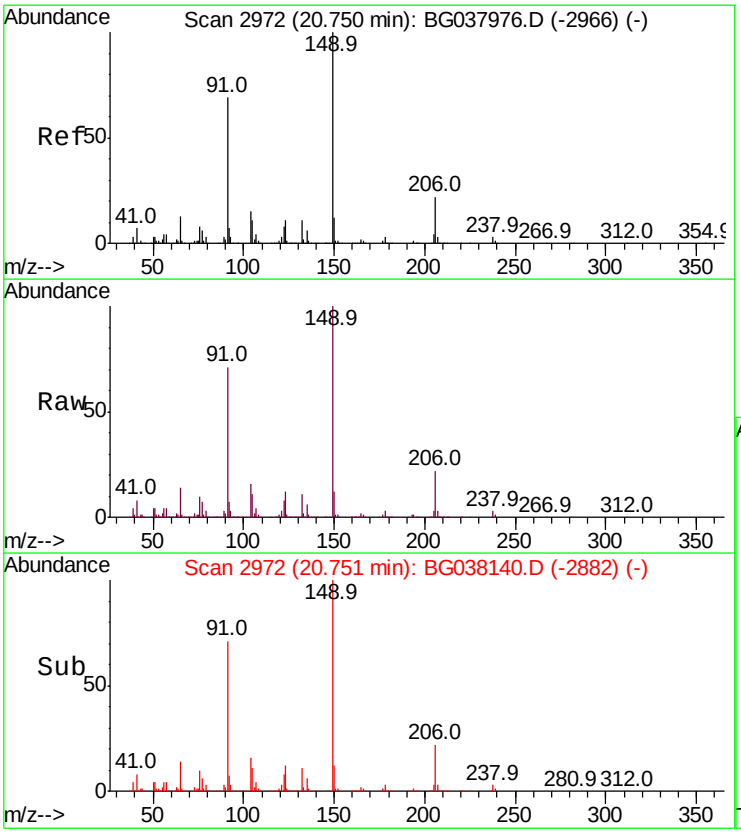
#79
Terphenyl-d14
Concen: 84.070 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:244 Resp: 839341

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.5	9.0	13.4

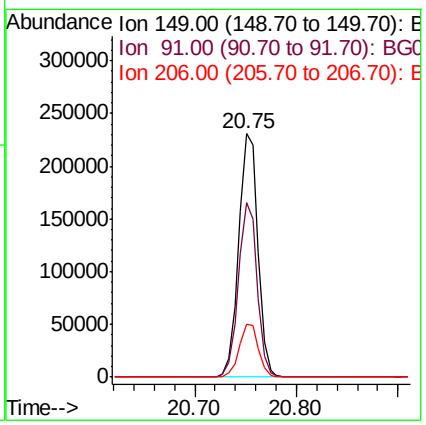


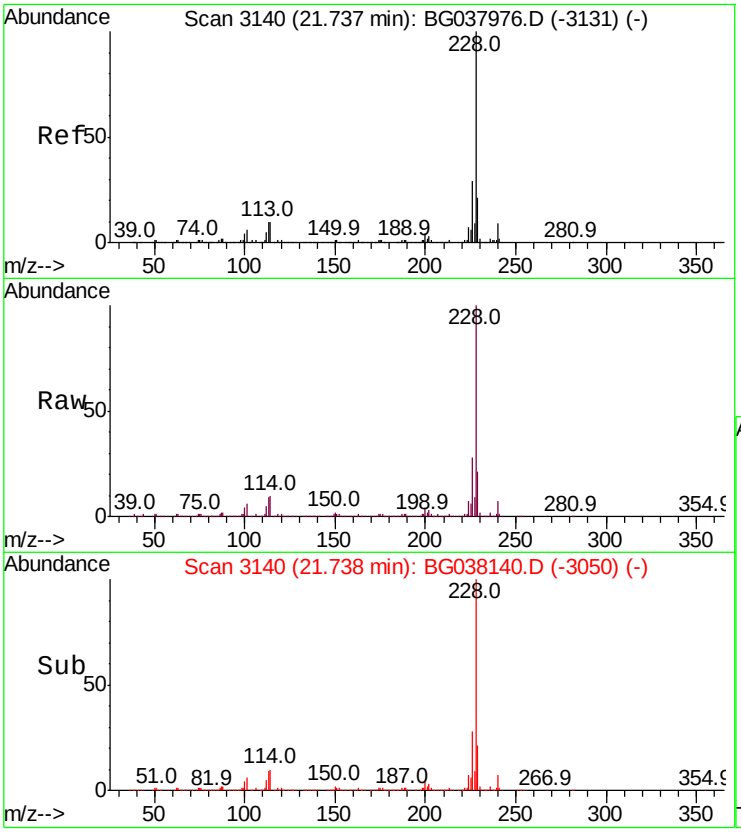


#80
Butylbenzylphthalate
Concen: 45.177 ng
RT: 20.75 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



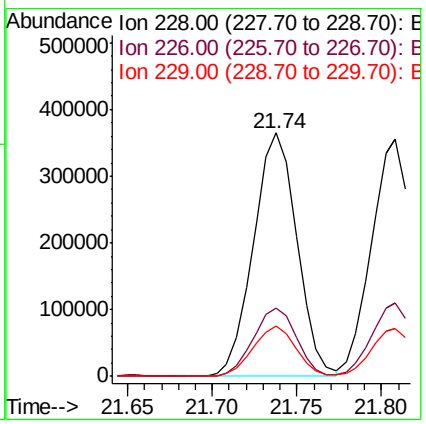


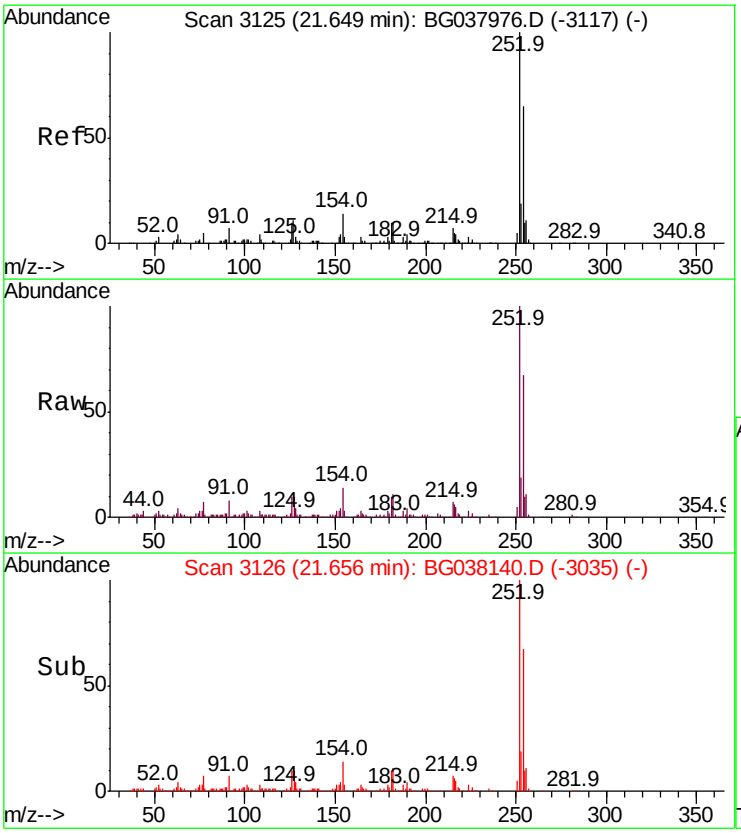
#81
Benzo(a)anthracene
Concen: 45.807 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:228 Resp: 650298

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.6	16.3	24.5

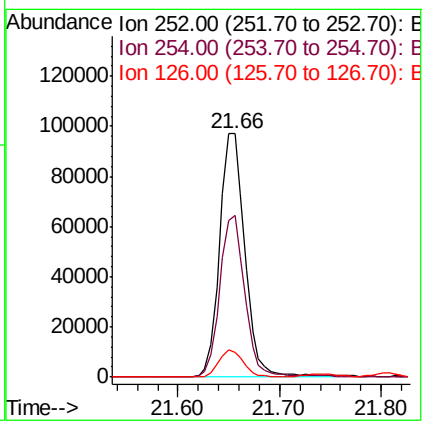


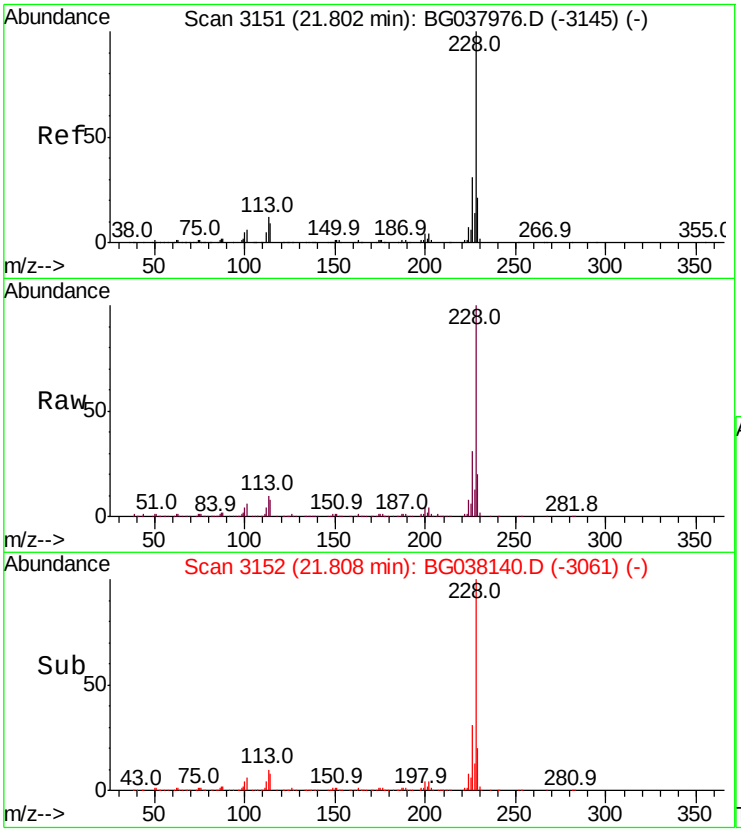


#82
3,3'-Dichlorobenzidine
Concen: 30.535 ng
RT: 21.66 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



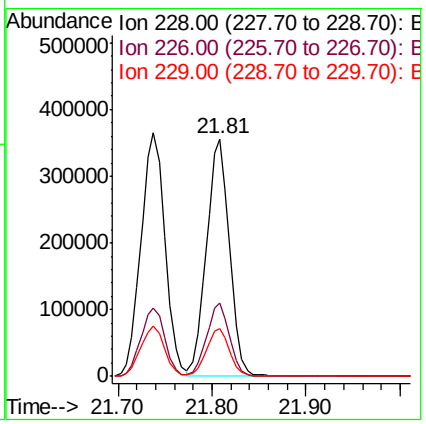


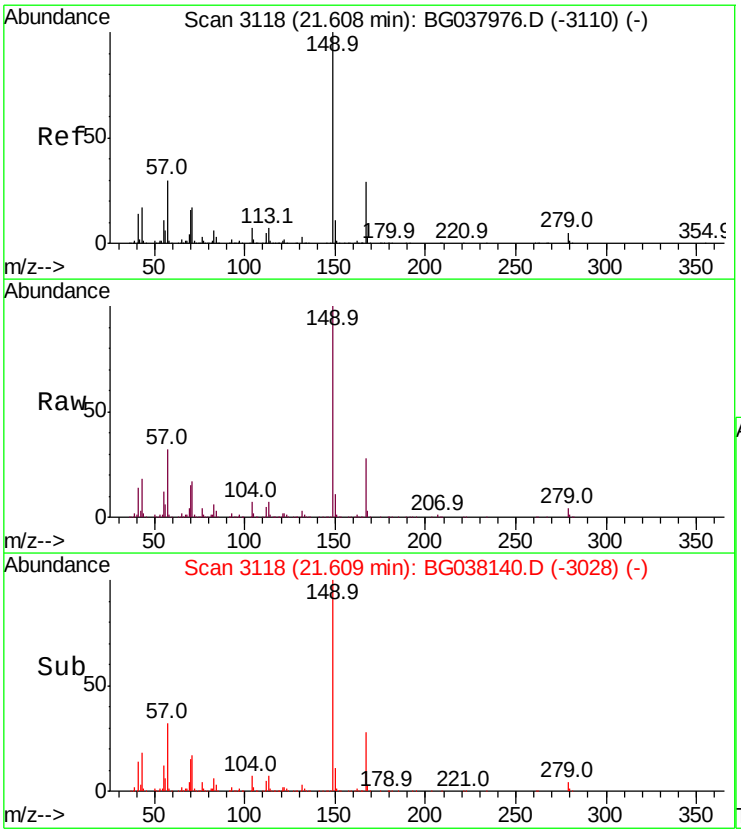
#83
Chrysene
Concen: 44.924 ng
RT: 21.81 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:228 Resp: 610206

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	20.3	16.5	24.7

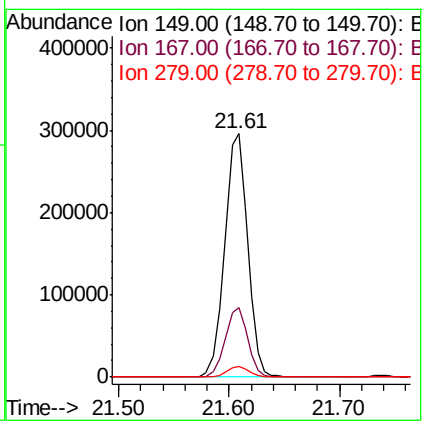


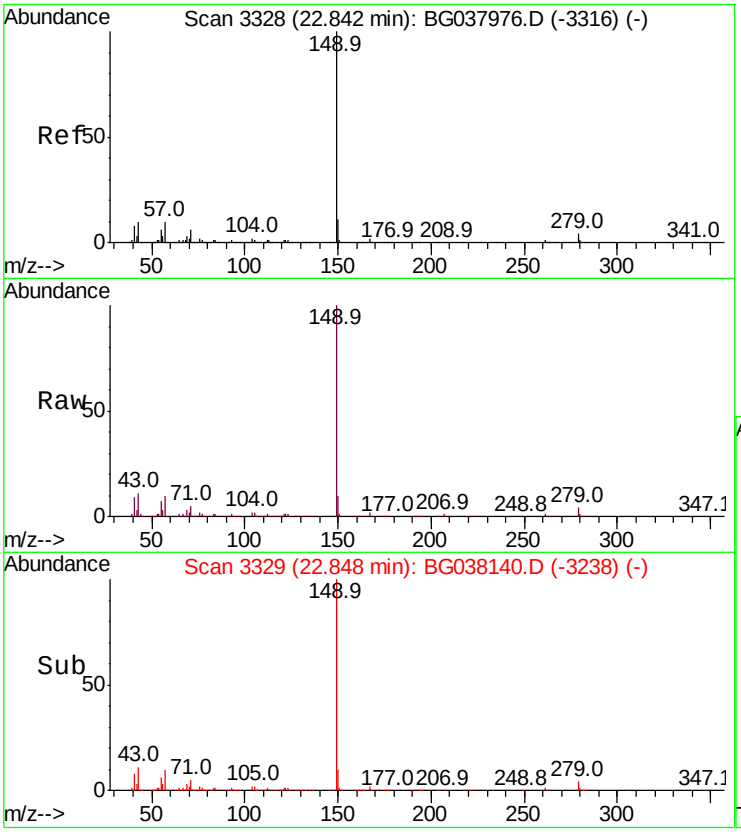


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.050 ng
RT: 21.61 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



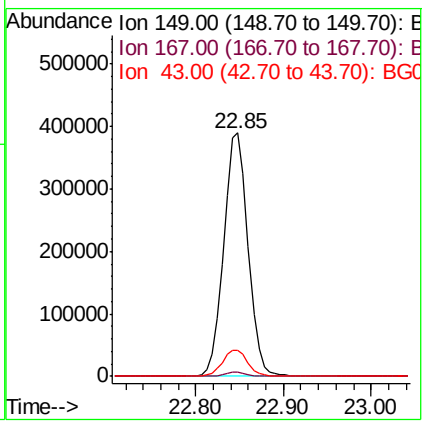


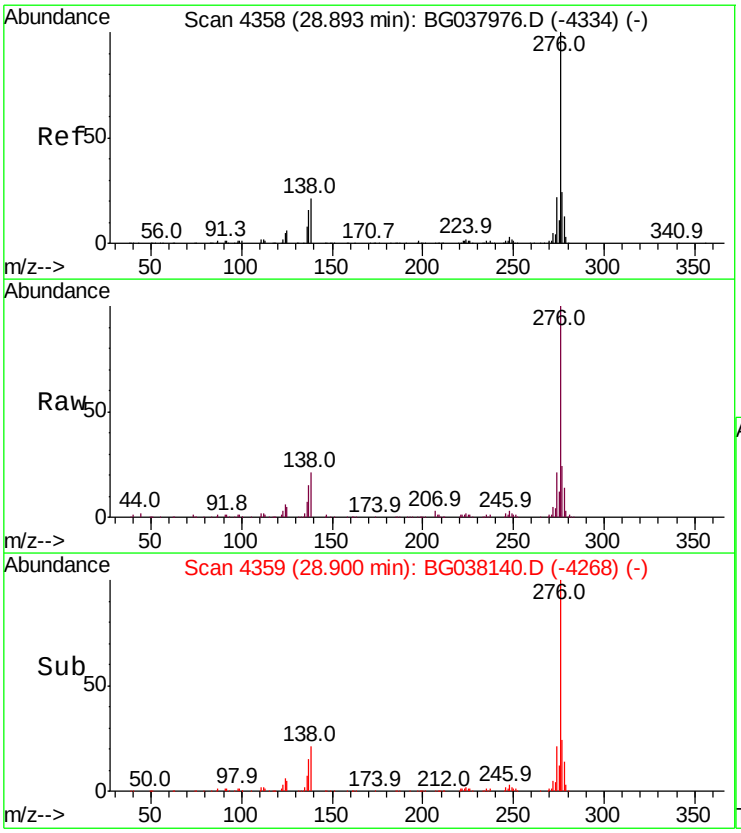
#85
Di-n-octyl phthalate
Concen: 47.557 ng
RT: 22.85 min Scan# 3329
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument : BNA_G
ClientSampleId : VTW-02MS

Tgt Ion:149 Resp: 736981

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

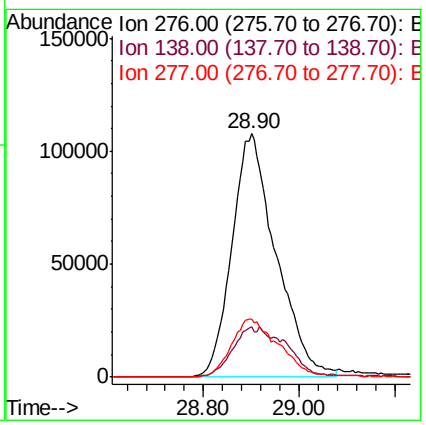


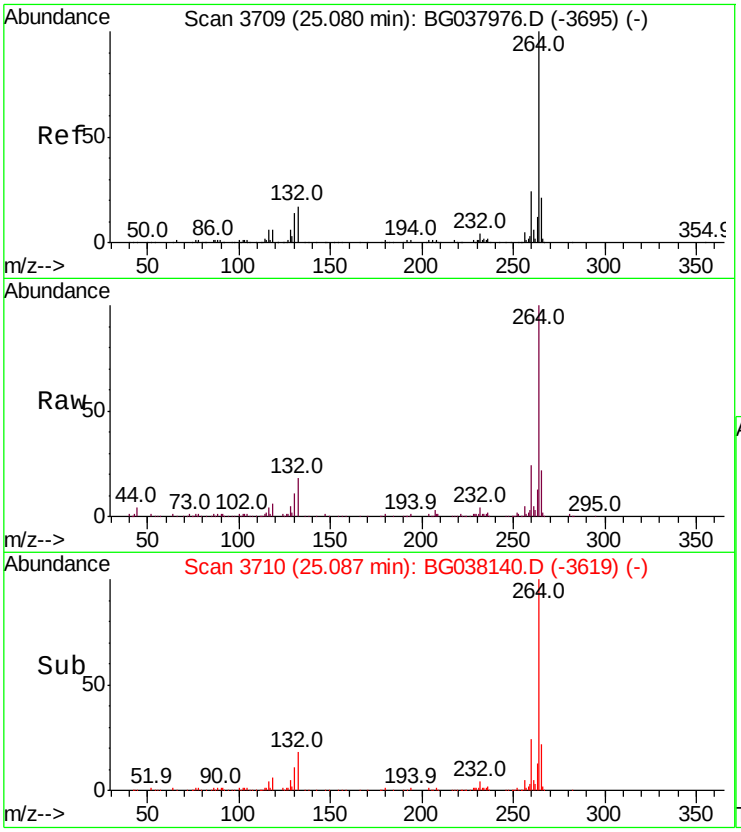


#86
Indeno(1,2,3-cd)pyrene
Concen: 45.550 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Tgt Ion:276 Resp: 687158

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



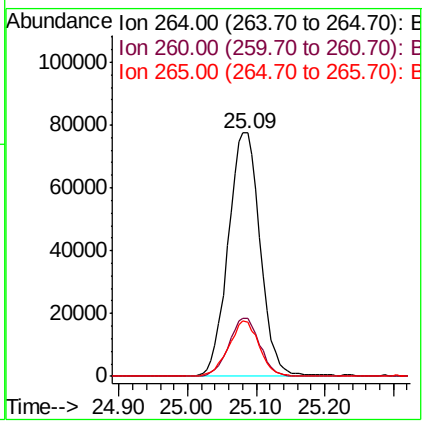


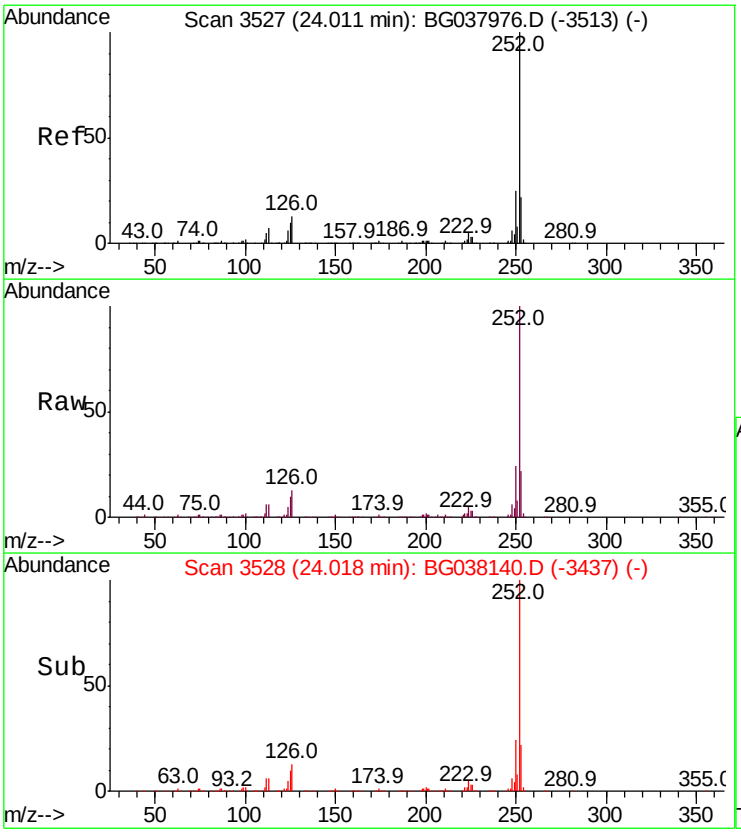
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:264 Resp: 250927

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

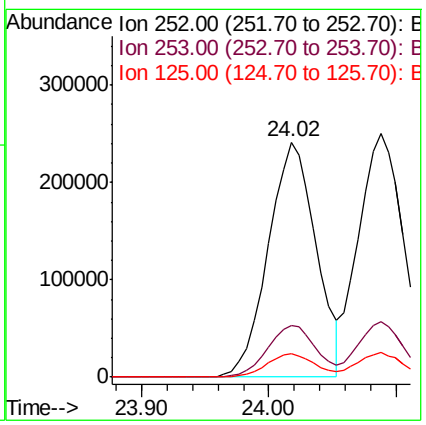


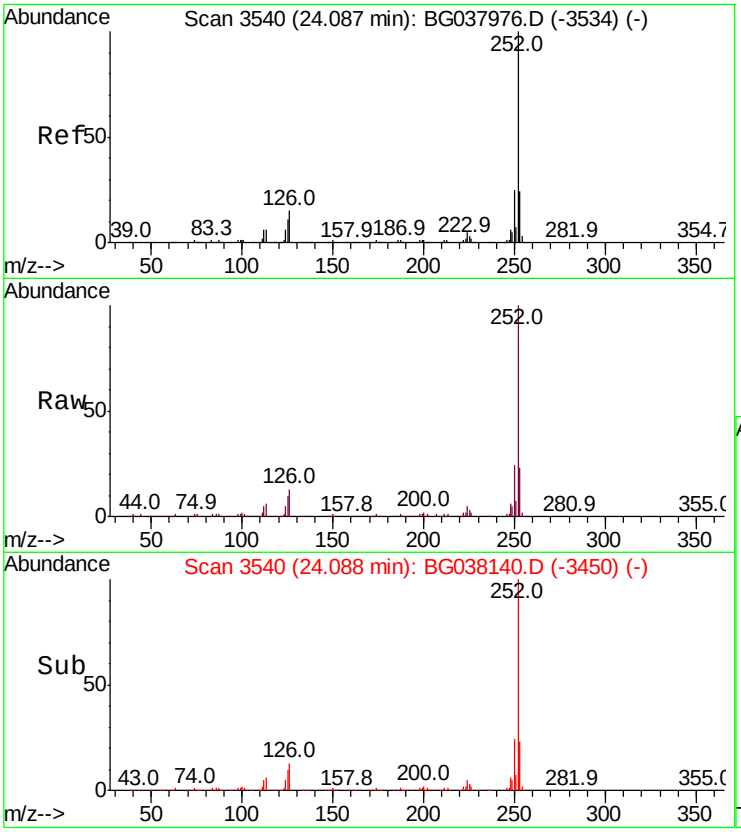


#88
Benzo(b)fluoranthene
Concen: 45.860 ng
RT: 24.02 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



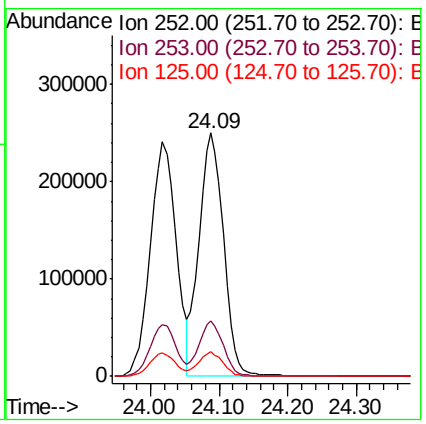


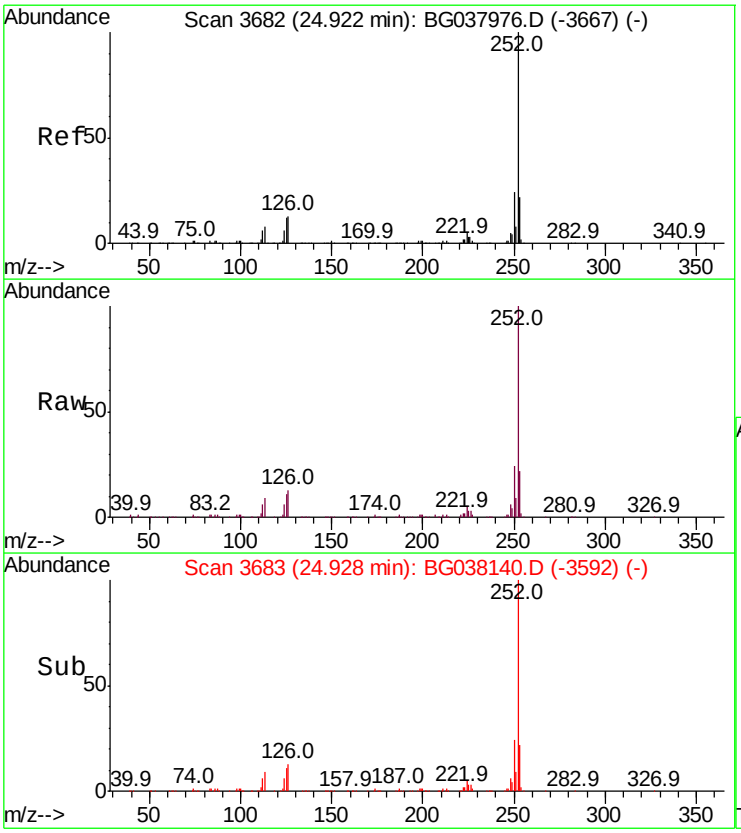
#89
Benzo(k)fluoranthene
Concen: 45.808 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:252 Resp: 624170

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.2	7.4	11.0

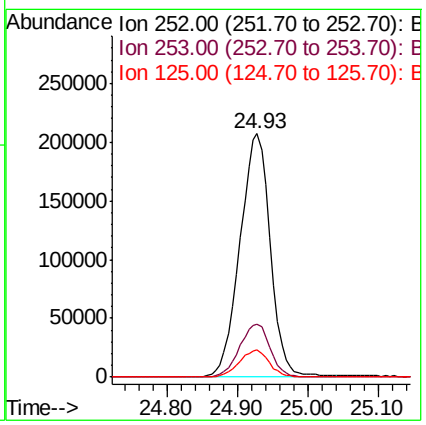


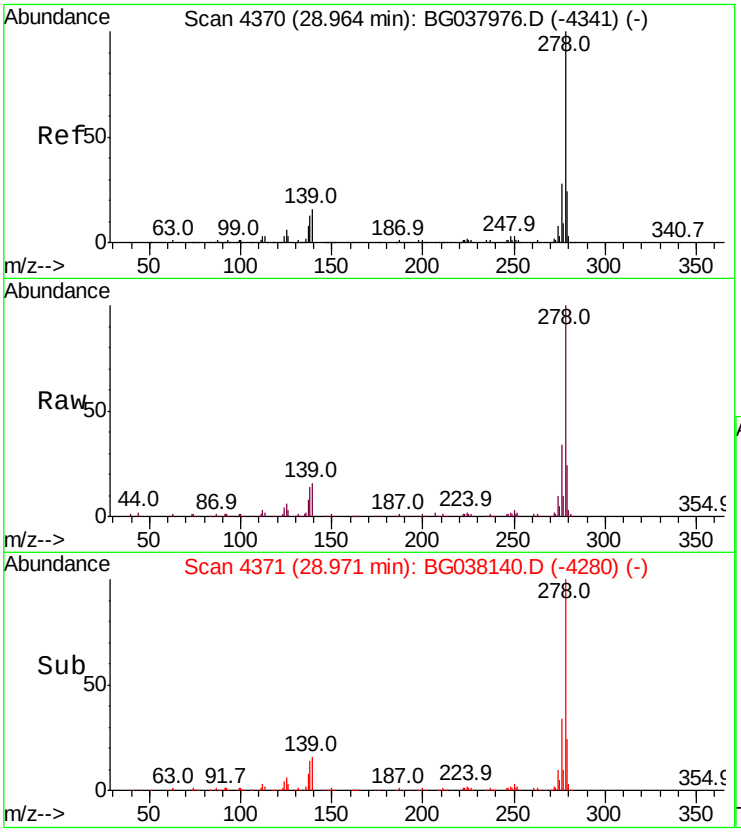


#90
Benzo(a)pyrene
Concen: 47.064 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

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



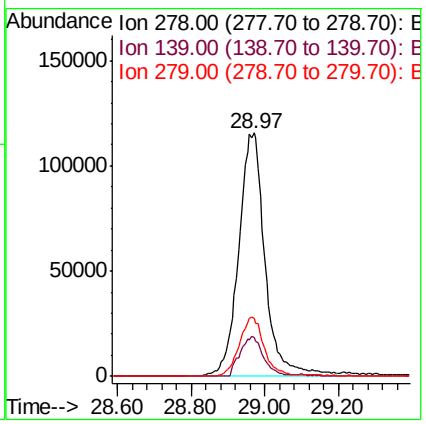


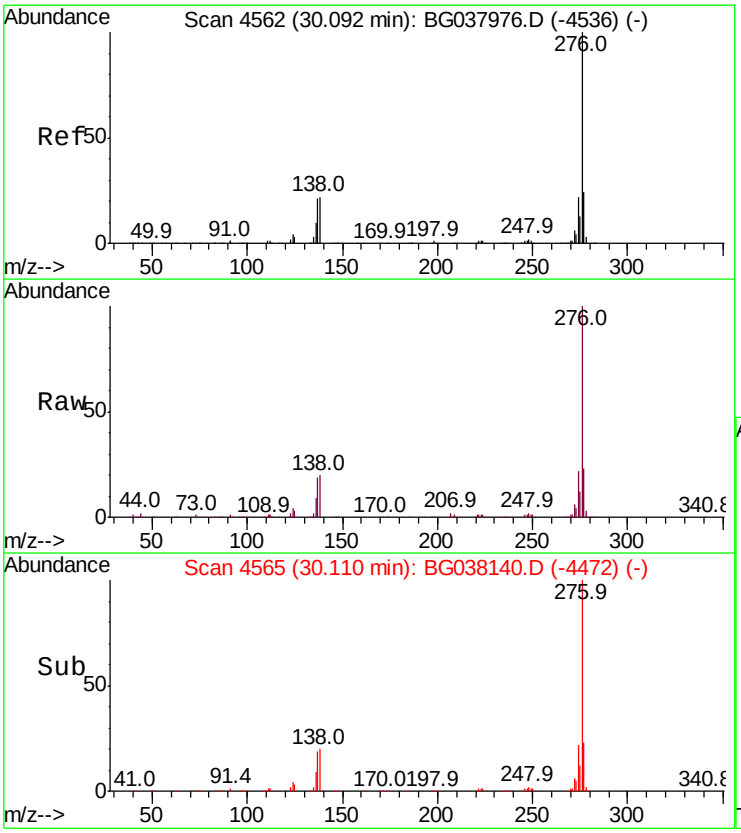
#91
Dibenzo(a,h)anthracene
Concen: 45.467 ng
RT: 28.97 min Scan# 4371
Delta R.T. 0.01 min
Lab File: BG038140.D
Acq: 26 Nov 2018 18:06

Instrument :
BNA_G
ClientSampleId :
VTW-02MS

Tgt Ion:278 Resp: 577320

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	23.9	18.6	27.8





#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