Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041817.D
Acq On : 31 Jul 2019 1:04
Operator : HP/JU
Sample : K4045-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW7-20190726

Quant Time: Jul 31 04:10:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	79305	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	302022	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	205089	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	519161	20.00	ng		0.00
76) Chrysene-d12	21.73	240	653928	20.00	ng		0.00
87) Perylene-d12	25.00	264	424822	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	515762	126.53	ng		0.00
7) Phenol-d6	7.19	99	630460	114.73	ng		0.00
23) Nitrobenzene-d5	9.20	82	482894	110.03	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	393666	168.99	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1269682	109.19	ng		0.00
79) Terphenyl-d14	20.07	244	2454066	85.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	8824	4.599	ng	#	84
3) Pyridine	3.92	79	12130	2.306	ng		85
4) n-Nitrosodimethylamine	3.79	42	8901	4.268	ng	#	97
8) 2-Chlorophenol	7.61	128	23800	5.099	ng		92
9) Benzaldehyde	7.17	77	18322	4.738	ng		96
10) Phenol	7.22	94	32376	5.663	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	21771	4.632	ng		92
12) 1,3-Dichlorobenzene	7.94	146	28791	4.726	ng		87
13) 1,4-Dichlorobenzene	8.08	146	27262	4.473	ng		93
14) 1,2-Dichlorobenzene	8.40	146	25750	4.427	ng		97
15) Benzyl Alcohol	8.28	79	10793	2.497	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	35280	4.219	ng		94
17) 2-Methylphenol	8.48	107	19079	4.589	ng		96
18) Hexachloroethane	9.14	117	9788	4.689	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	16558	4.150	ng	#	84
20) 3+4-Methylphenols	8.81	107	25356	4.457	ng		96
22) Acetophenone	8.86	105	34264	5.072	ng	#	96
24) Nitrobenzene	9.25	77	26198	5.666	ng		93
25) Isophorone	9.78	82	44237	4.633	ng		97
26) 2-Nitrophenol	9.97	139	12249	5.708	ng		89
27) 2,4-Dimethylphenol	10.03	122	18066	4.770	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	21164	3.547	ng		98
29) 2,4-Dichlorophenol	10.51	162	24582	5.330	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	28074	4.800	ng		97
31) Naphthalene	10.92	128	71005	5.137	ng		99
32) Benzoic acid	10.03	122	18066	14.191	ng	#	13
34) Hexachlorobutadiene	11.21	225	19386	4.911	ng		95
35) Caprolactam	11.76	113	9704	6.054	ng	#	53
36) 4-Chloro-3-methylphenol	12.14	107	23902	5.227	ng		97
37) 2-Methylnaphthalene	12.53	142	52903	4.835	ng		94
38) 1-Methylnaphthalene	12.75	142	50811	4.900	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34537	5.320	ng	#	98
41) Hexachlorocyclopentadiene	12.88	237	11926	3.267	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	19407	4.730	ng		99

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW7-20190726

Quant Time: Jul 31 04:10:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.21	196	21258	4.986	ng	#	90
46) 1,1'-Biphenyl	13.53	154	72016	5.463	ng		96
47) 2-Chloronaphthalene	13.58	162	55828	4.974	ng		92
48) 2-Nitroaniline	13.76	65	7152	2.512	ng		97
49) Acenaphthylene	14.42	152	84023	5.004	ng		95
50) Dimethylphthalate	14.15	163	141116	10.075	ng		98
51) 2,6-Dinitrotoluene	14.26	165	15933	5.440	ng	#	83
52) Acenaphthene	14.76	154	51948	4.757	ng		98
54) 2,4-Dinitrophenol	14.81	184	1573	4.491	ng	#	83
55) Dibenzofuran	15.10	168	92331	5.528	ng	#	88
56) 4-Nitrophenol	14.90	139	10123	4.256	ng		88
57) 2,4-Dinitrotoluene	15.05	165	20025	4.972	ng	#	90
58) Fluorene	15.75	166	75719	5.649	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.33	232	16742	3.964	ng	#	97
60) Diethylphthalate	15.51	149	74028	5.383	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	41514	5.073	ng		88
63) Azobenzene	16.03	77	50197	4.469	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	6275	8.969	ng		92
67) 4-Bromophenyl-phenylether	16.64	248	27521	4.303	ng		94
68) Hexachlorobenzene	16.76	284	28721	4.293	ng	#	91
70) Pentachlorophenol	17.12	266	8465	2.227	ng		87
71) Phenanthrene	17.49	178	138005	5.546	ng		92
72) Anthracene	17.49	178	138005	5.561	ng		93
74) Di-n-butylphthalate	18.42	149	159199	6.304	ng	#	90
75) Fluoranthene	19.50	202	205652	6.799	ng		87
78) Pyrene	19.86	202	205372	5.301	ng	#	86
80) Butylbenzylphthalate	20.75	149	74492	5.015	ng		92
81) Benzo(a)anthracene	21.71	228	214921	5.555	ng		90
83) Chrysene	21.78	228	208763	5.629	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	114380	5.582	ng		92
85) Di-n-octyl phthalate	22.86	149	186644	5.412	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.73	276	216781	4.416	ng	#	83
88) Benzo(b)fluoranthene	23.96	252	219643	9.451	ng	#	95
89) Benzo(k)fluoranthene	24.03	252	198864	8.785	ng	#	96
90) Benzo(a)pyrene	24.84	252	156057	7.002	ng		94
91) Dibenzo(a,h)anthracene	28.80	278	192635	8.802	ng	#	93
92) Benzo(g,h,i)perylene	29.89	276	174171	7.966	ng		95

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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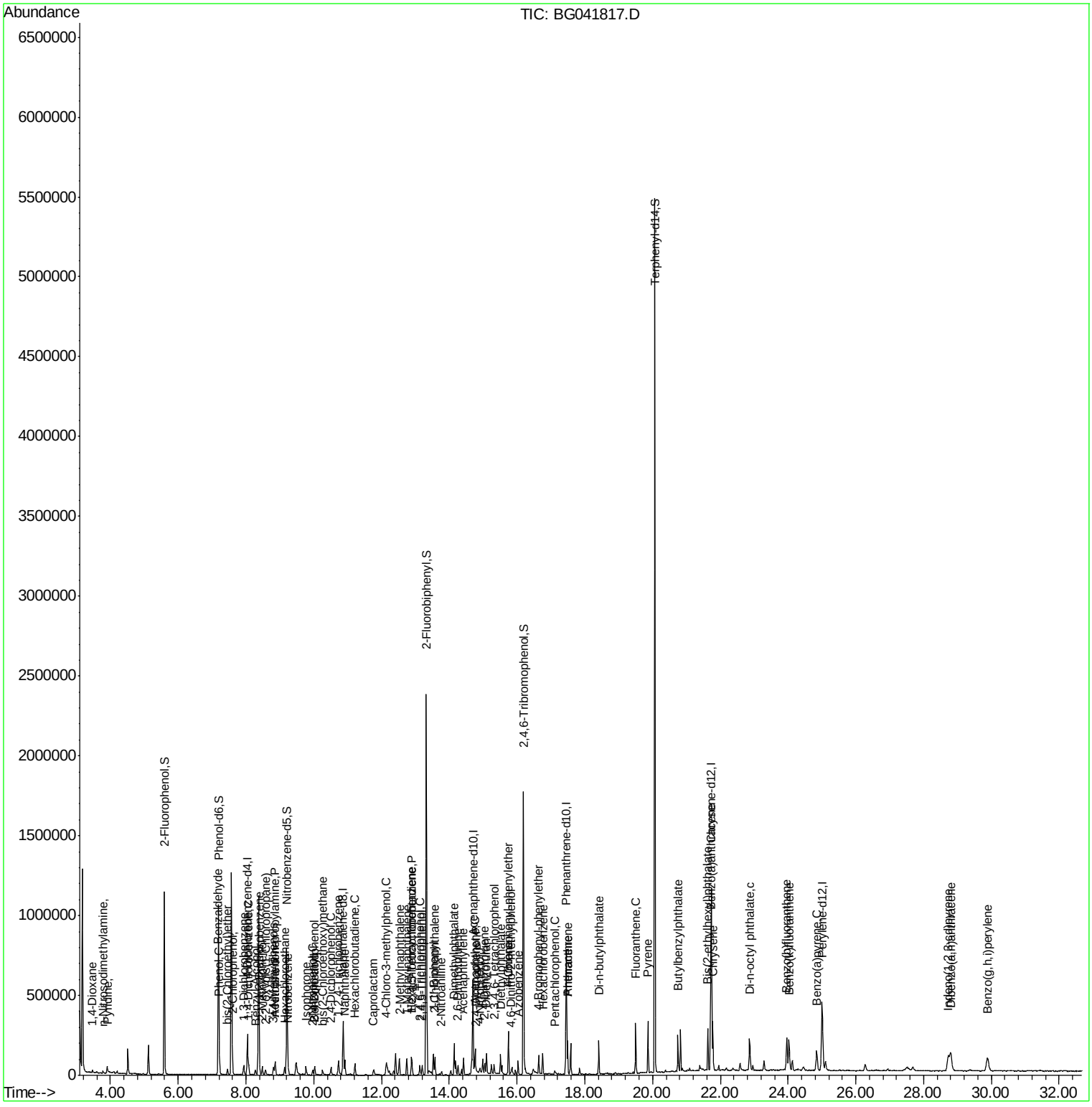
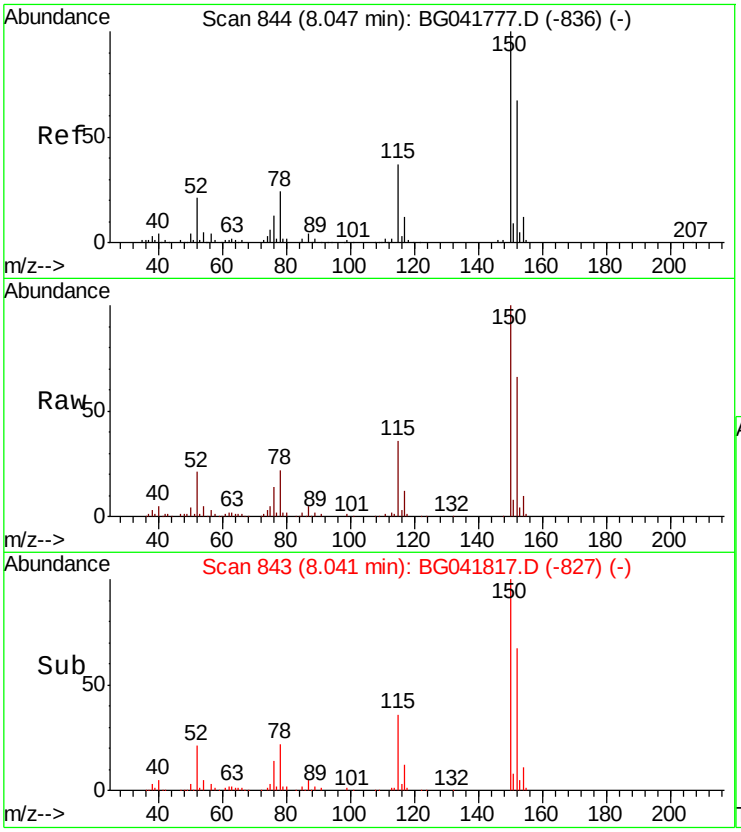


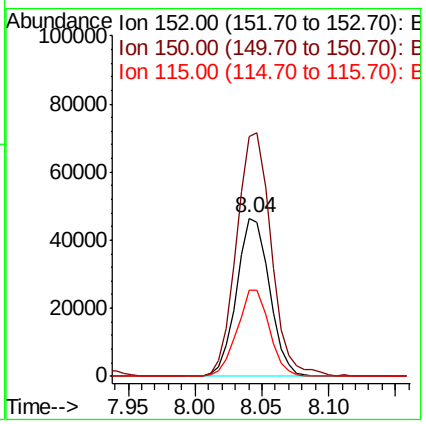


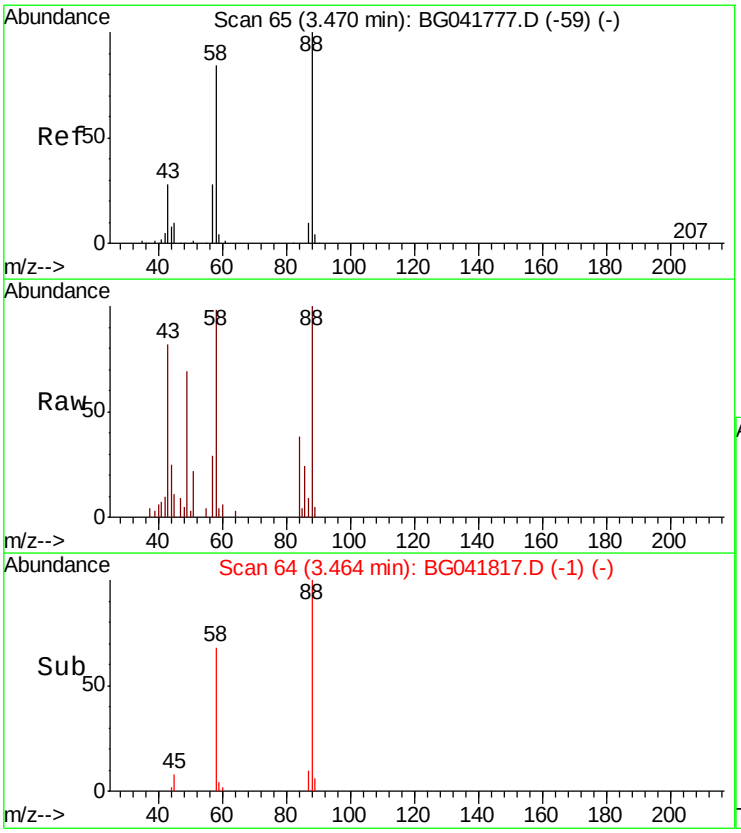
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:152 Resp: 79305

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.9	190.3
115	54.3	45.0	67.6

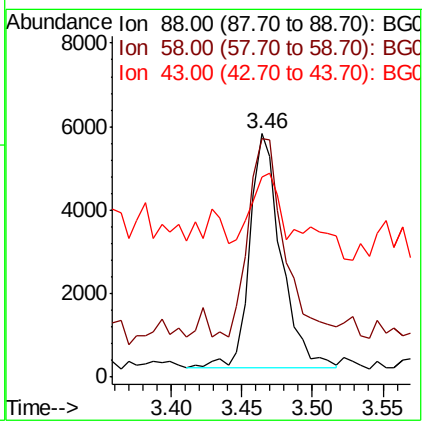


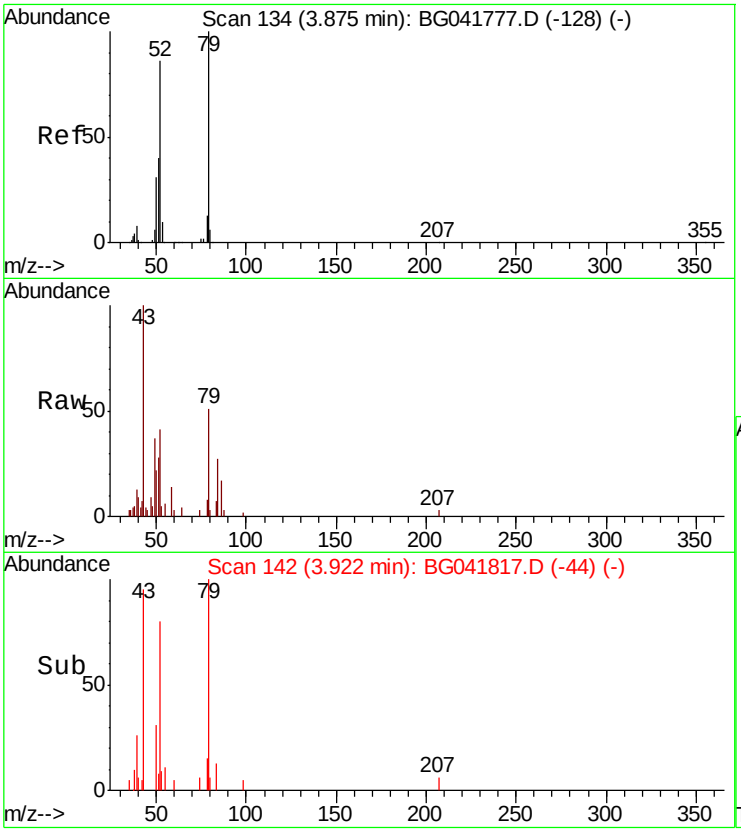


#2
1,4-Dioxane
Concen: 4.599 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 88 Resp: 8824

Ion	Ratio	Lower	Upper
88	100		
58	96.1	76.2	114.2
43	0.0	27.2	40.8#



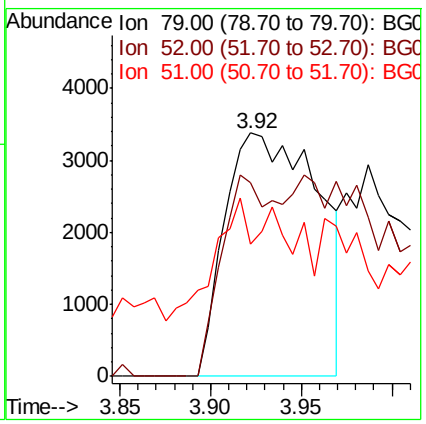


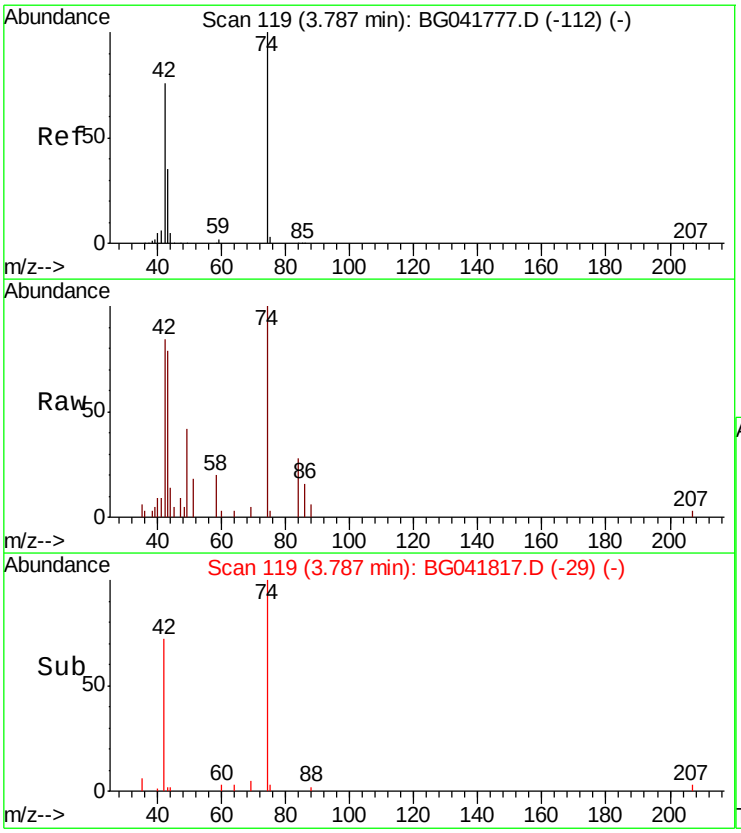
#3
Pyridine
Concen: 2.306 ng
RT: 3.92 min Scan# 142
Delta R.T. 0.05 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 79 Resp: 12130

Ion	Ratio	Lower	Upper
79	100		
52	79.8	77.1	115.7
51	54.5	37.8	56.8

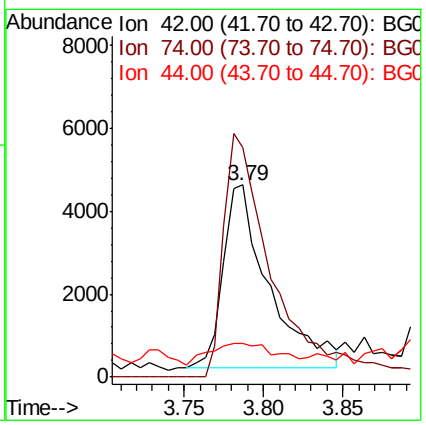


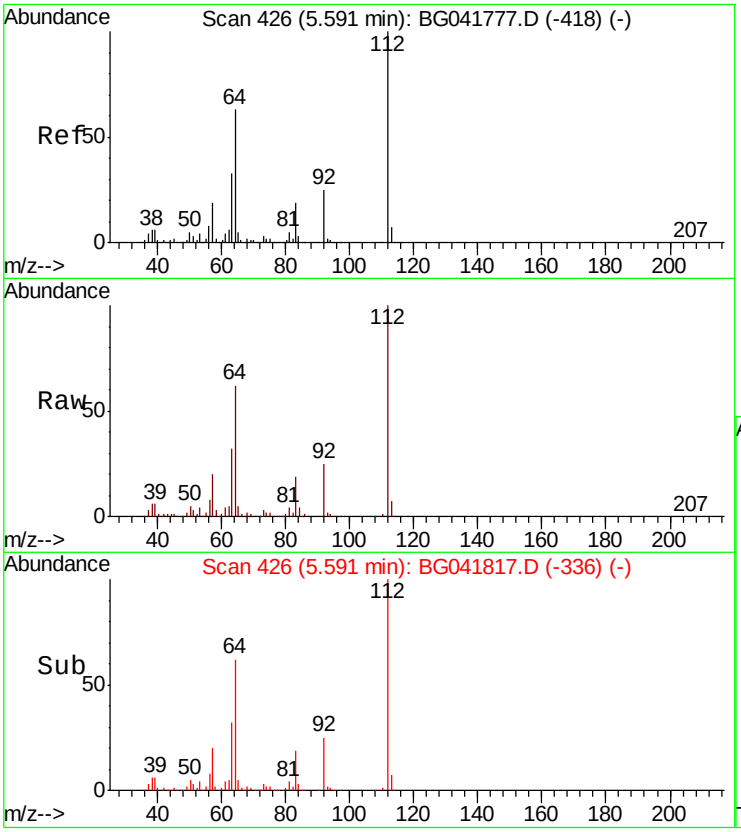


#4
n-Nitrosodimethylamine
Concen: 4.268 ng
RT: 3.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 42 Resp: 8901

Ion	Ratio	Lower	Upper
42	100		
74	119.7	97.4	146.2
44	17.3	6.6	9.8#



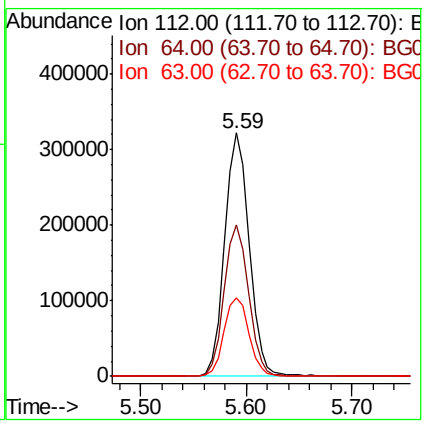


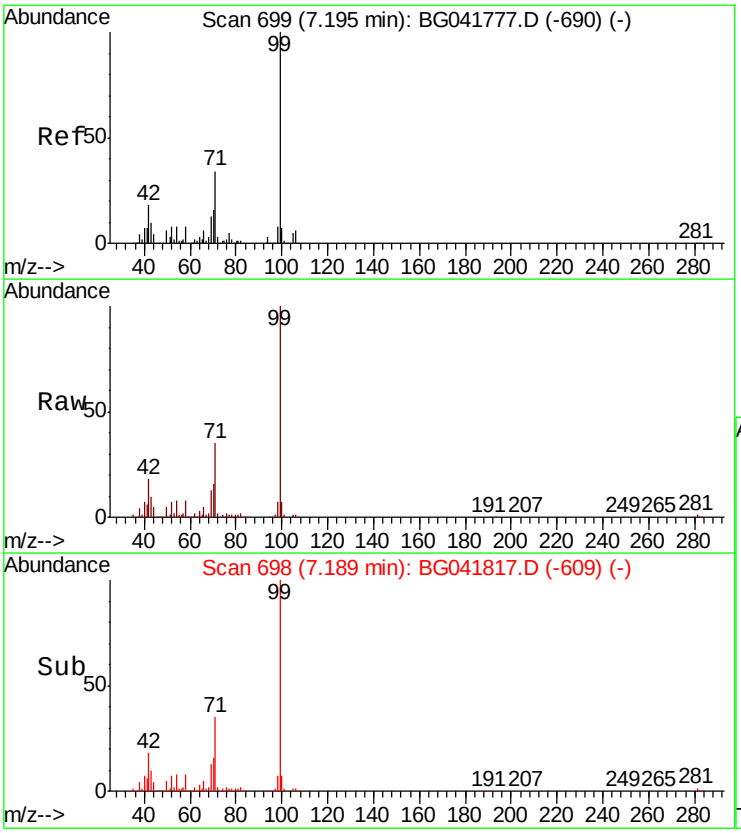
#5
2-Fluorophenol
Concen: 126.534 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:112 Resp: 515762

Ion	Ratio	Lower	Upper
112	100		
64	62.1	55.4	83.2
63	32.4	29.1	43.7

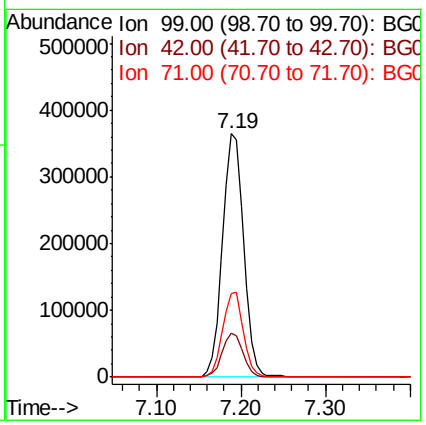


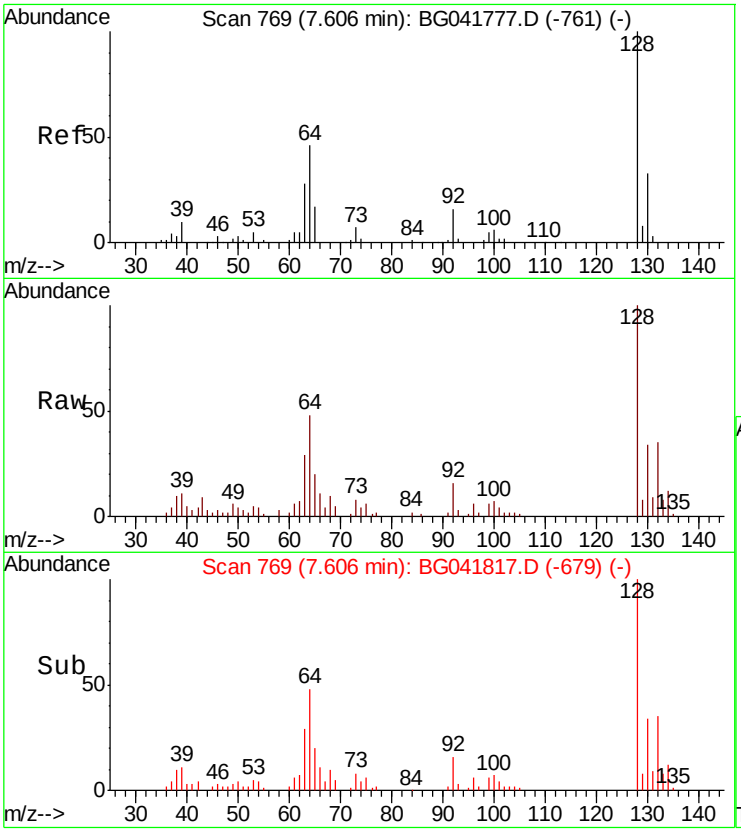


#7
Phenol-d6
Concen: 114.729 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 99 Resp: 630460

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.6	26.4
71	34.6	27.8	41.6



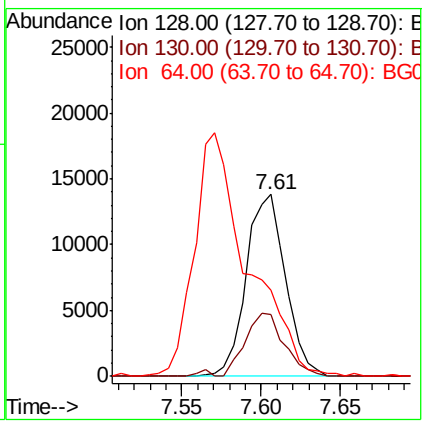


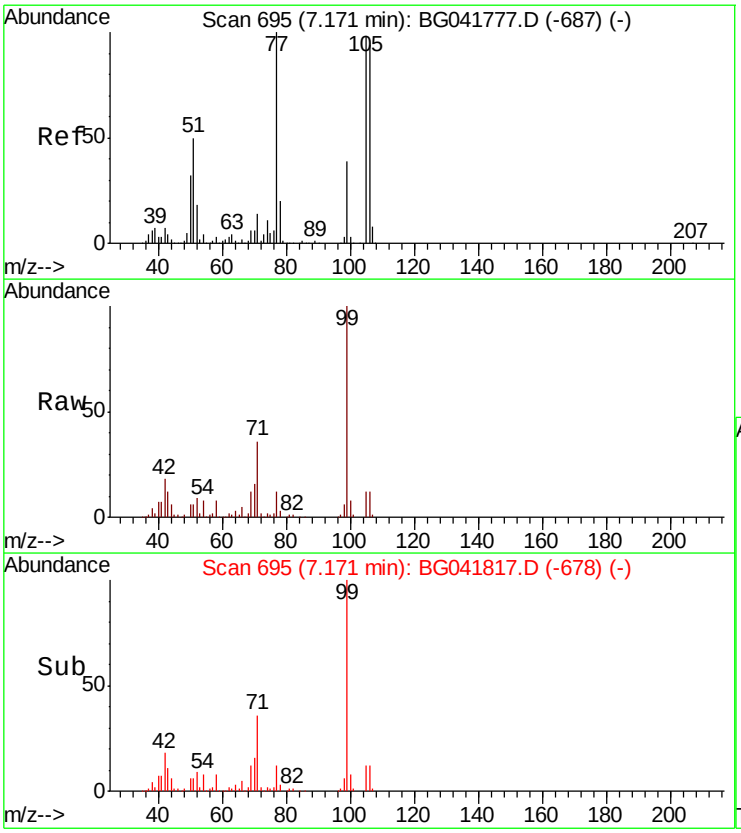
#8
2-Chlorophenol
Concen: 5.099 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:128 Resp: 23800

Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.4	52.4
64	47.7	34.9	74.9

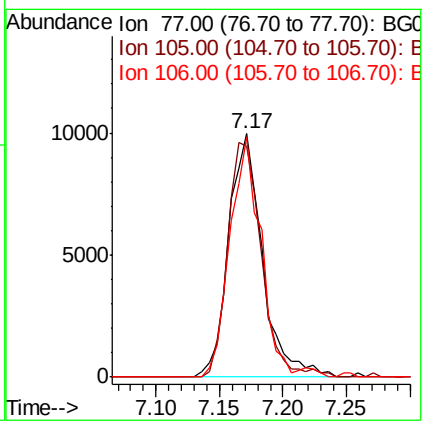


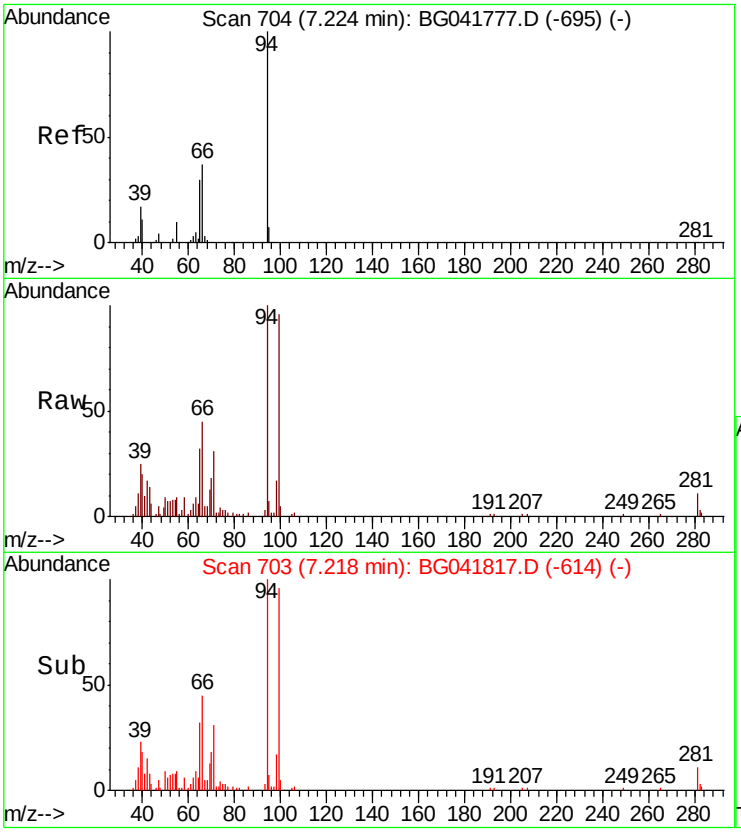


#9
Benzaldehyde
Concen: 4.738 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 77 Resp: 18322

Ion	Ratio	Lower	Upper
77	100		
105	94.7	74.6	114.6
106	98.6	71.1	111.1



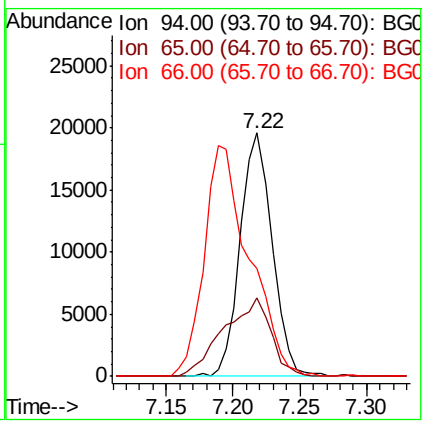


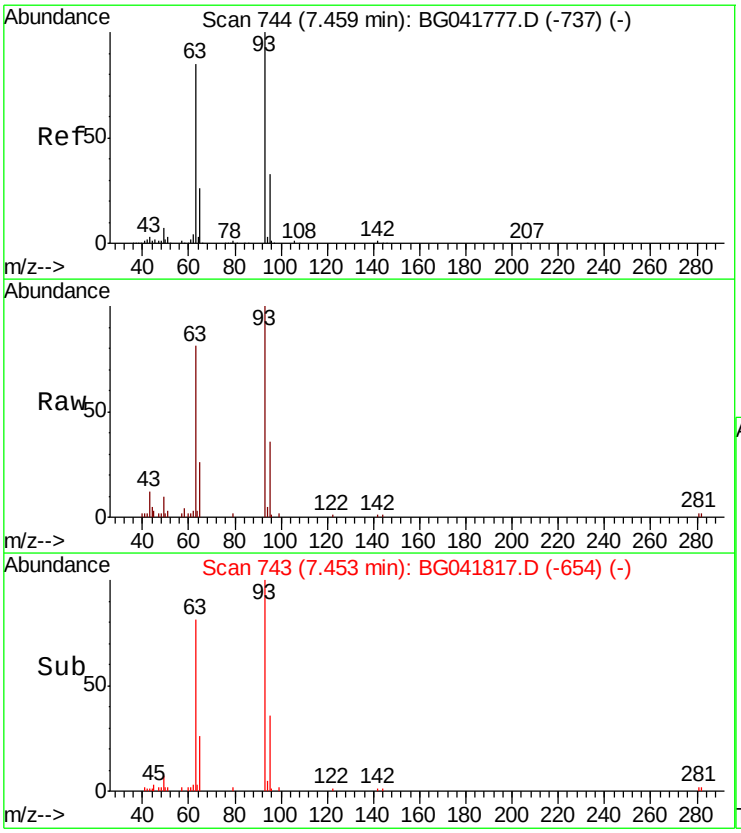
#10
Phenol
Concen: 5.663 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 94 Resp: 32376

Ion	Ratio	Lower	Upper
94	100		
65	32.0	10.6	50.6
66	44.5	18.2	58.2

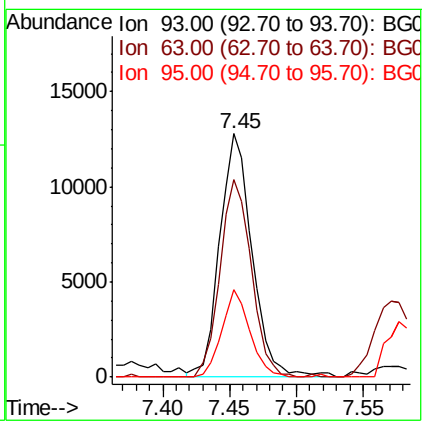


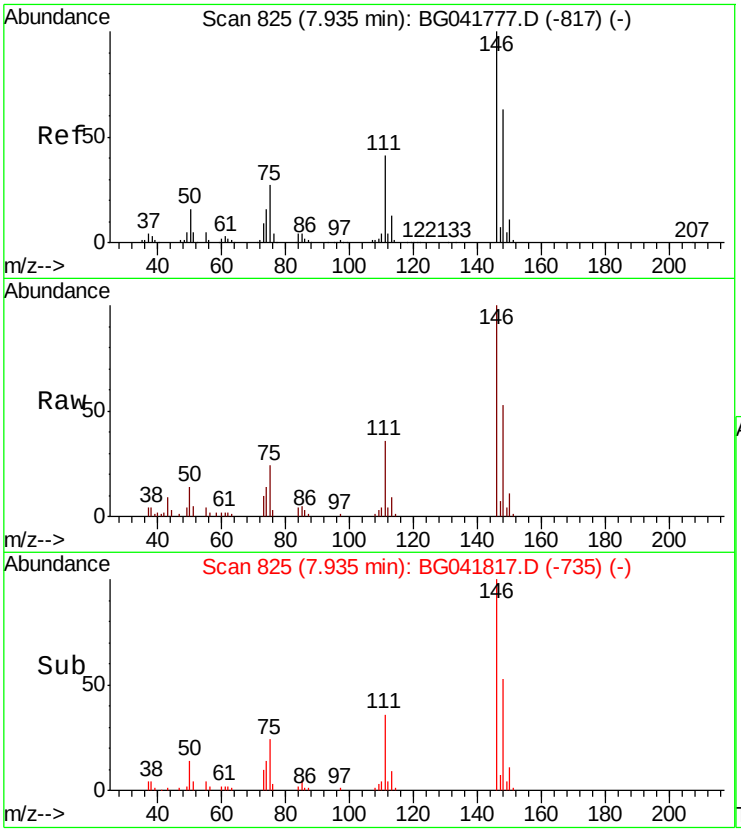


#11
bis(2-Chloroethyl)ether
Concen: 4.632 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 93 Resp: 21771

Ion	Ratio	Lower	Upper
93	100		
63	81.3	70.4	110.4
95	35.8	12.8	52.8



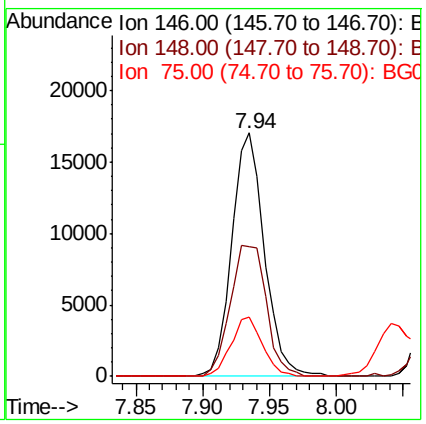


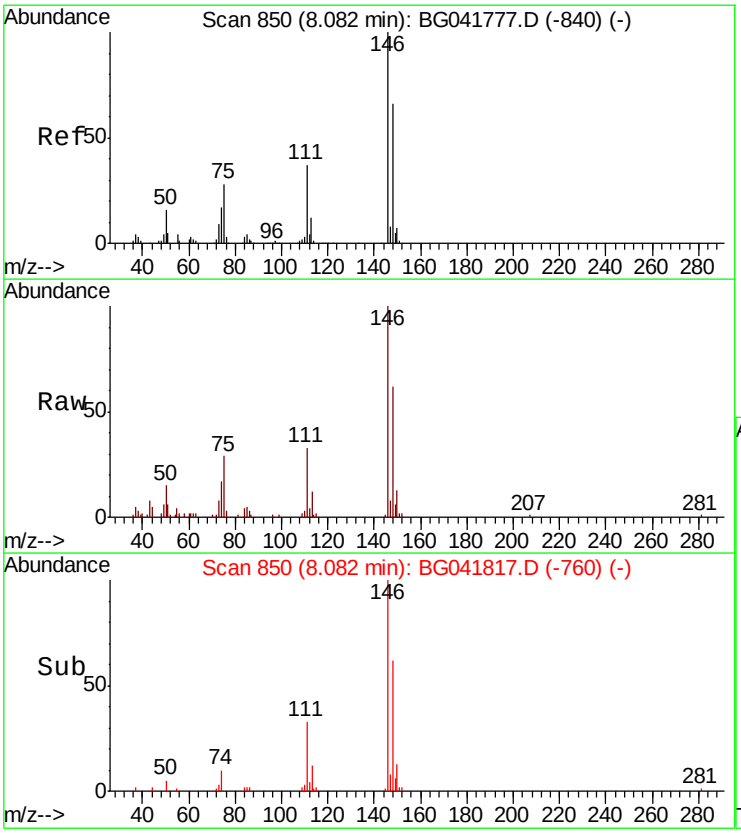
#12
1,3-Dichlorobenzene
Concen: 4.726 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:146 Resp: 28791

Ion	Ratio	Lower	Upper
146	100		
148	53.1	51.5	77.3
75	24.1	23.2	34.8

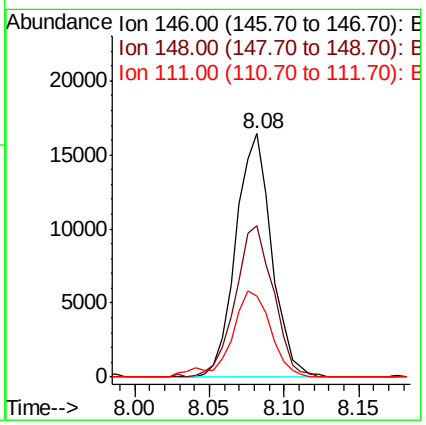


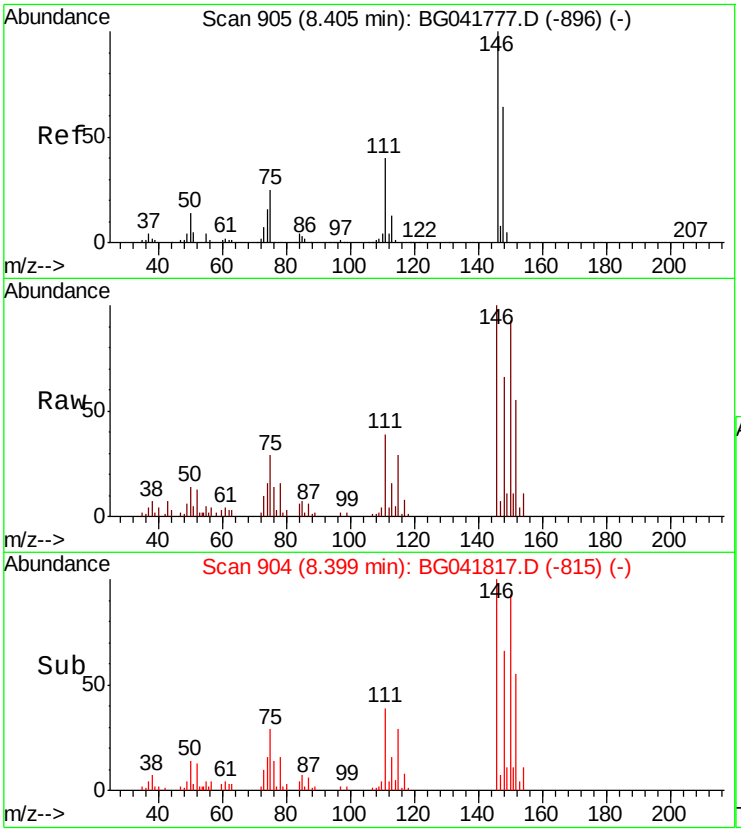


#13
1,4-Dichlorobenzene
Concen: 4.473 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:146 Resp: 27262

Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.6	79.0
111	33.3	32.5	48.7



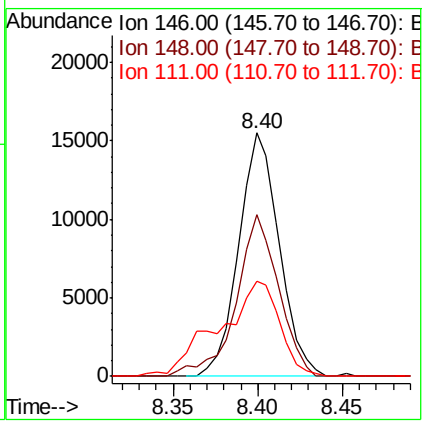


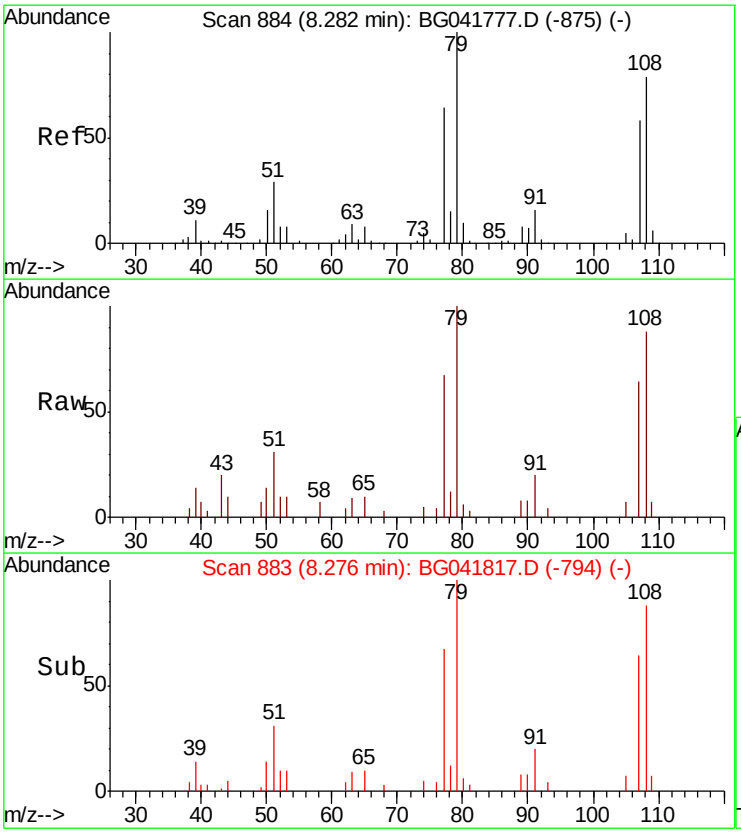
#14
1,2-Dichlorobenzene
Concen: 4.427 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:146 Resp: 25750

Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.5	80.3
111	39.3	35.4	53.0

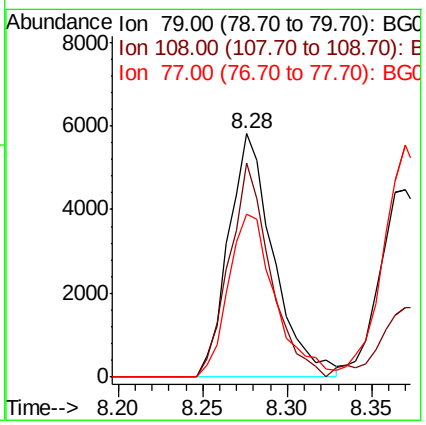


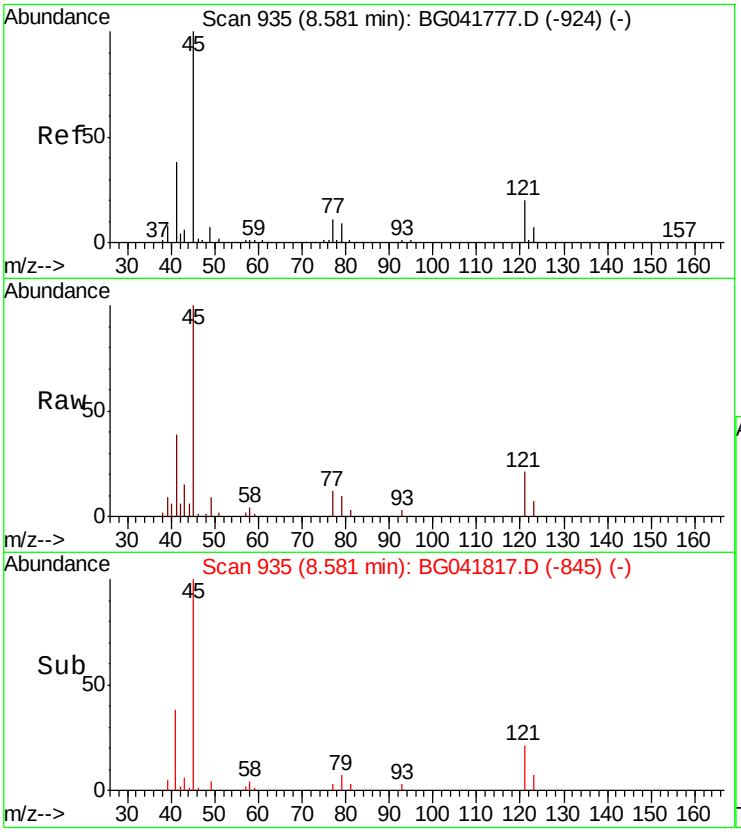


#15
Benzyl Alcohol
Concen: 2.497 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 79 Resp: 10793

Ion	Ratio	Lower	Upper
79	100		
108	87.9	60.5	90.7
77	67.2	50.6	75.8



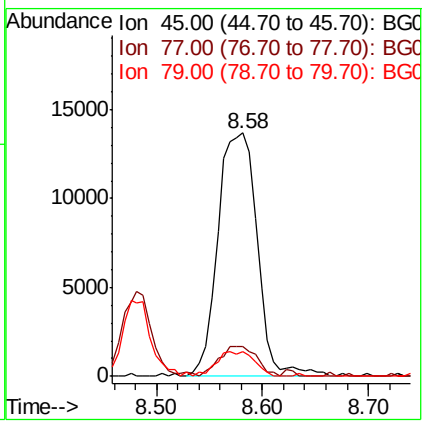


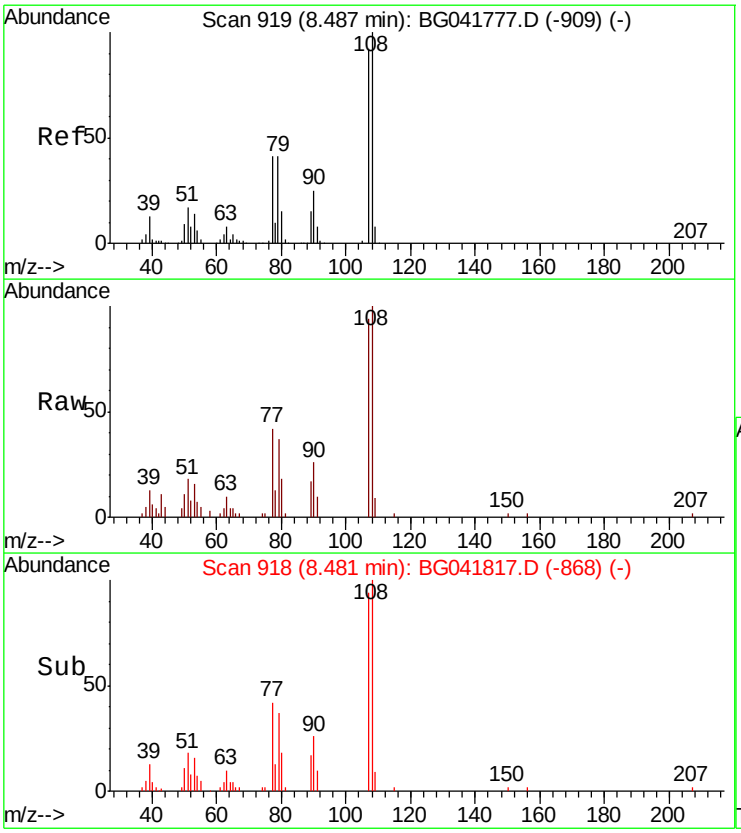
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.219 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 45 Resp: 35280

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.4
79	10.4	0.0	27.9

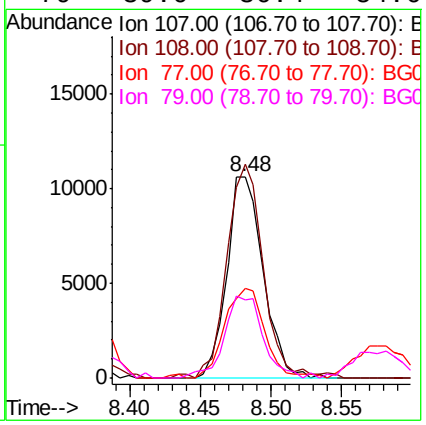


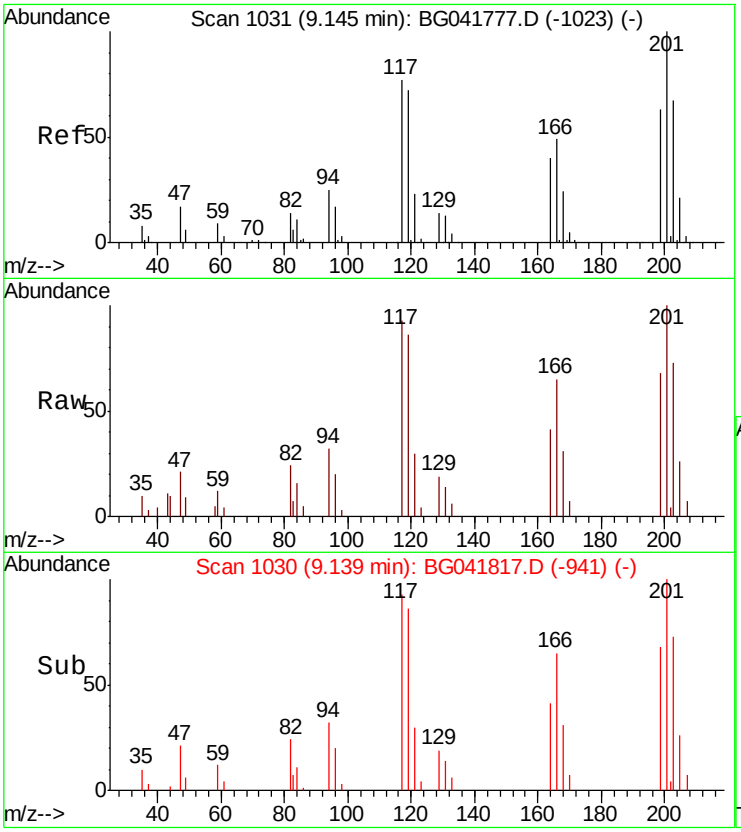


#17
2-Methylphenol
Concen: 4.589 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:107 Resp: 19079

Ion	Ratio	Lower	Upper
107	100		
108	106.0	87.6	131.4
77	44.6	36.1	54.1
79	39.0	36.4	54.6



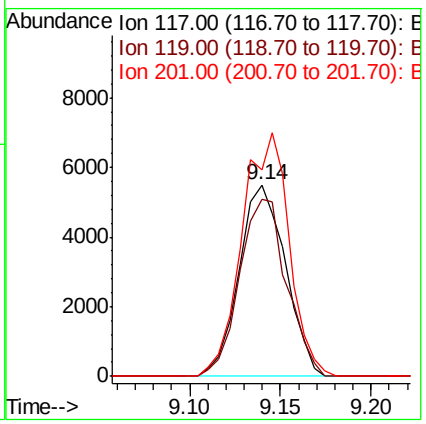


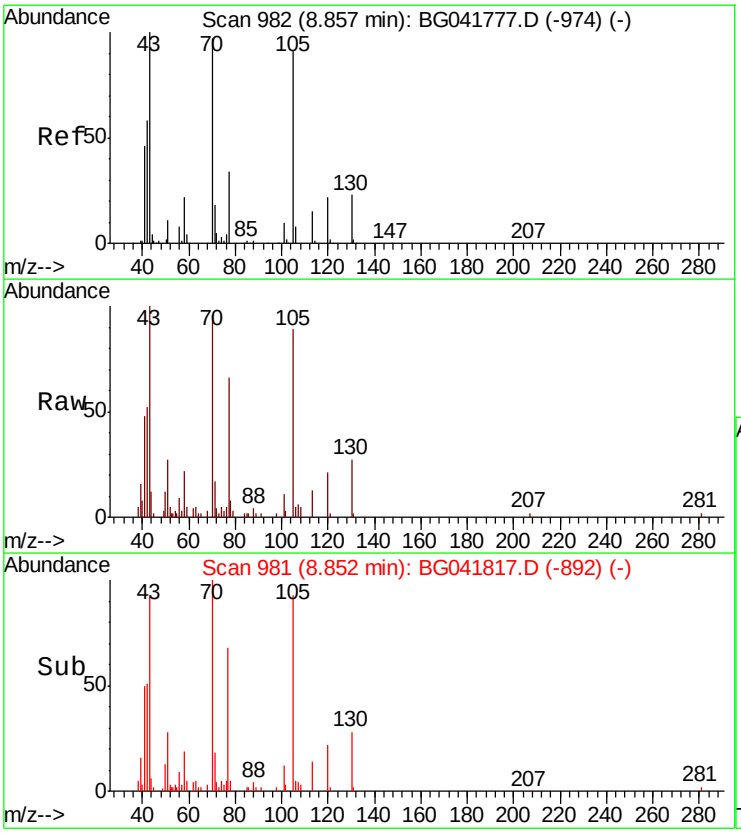
#18
Hexachloroethane
Concen: 4.689 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:117 Resp: 9788

Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.2	114.2
201	107.7	94.1	141.1

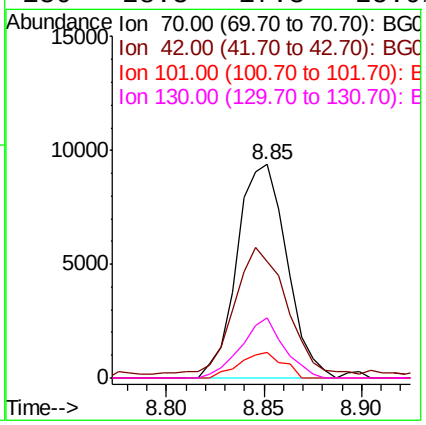


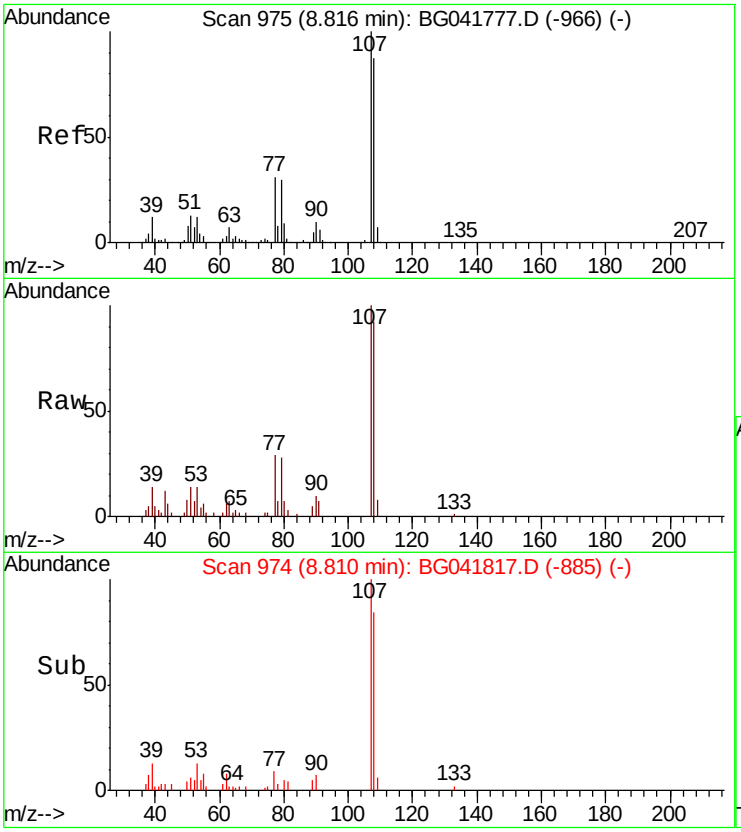


#19
n-Nitroso-di-n-propylamine
Concen: 4.150 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 70 Resp: 16558

Ion	Ratio	Lower	Upper
70	100		
42	54.5	55.8	83.6#
101	11.8	8.1	12.1
130	28.3	17.3	25.9#



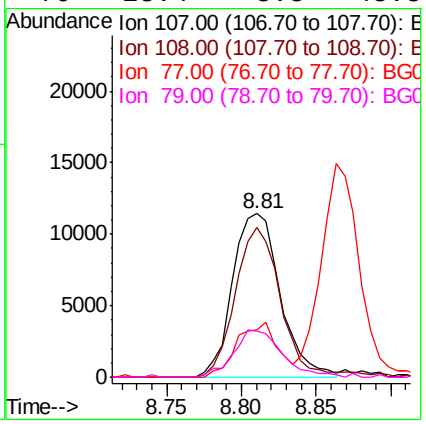


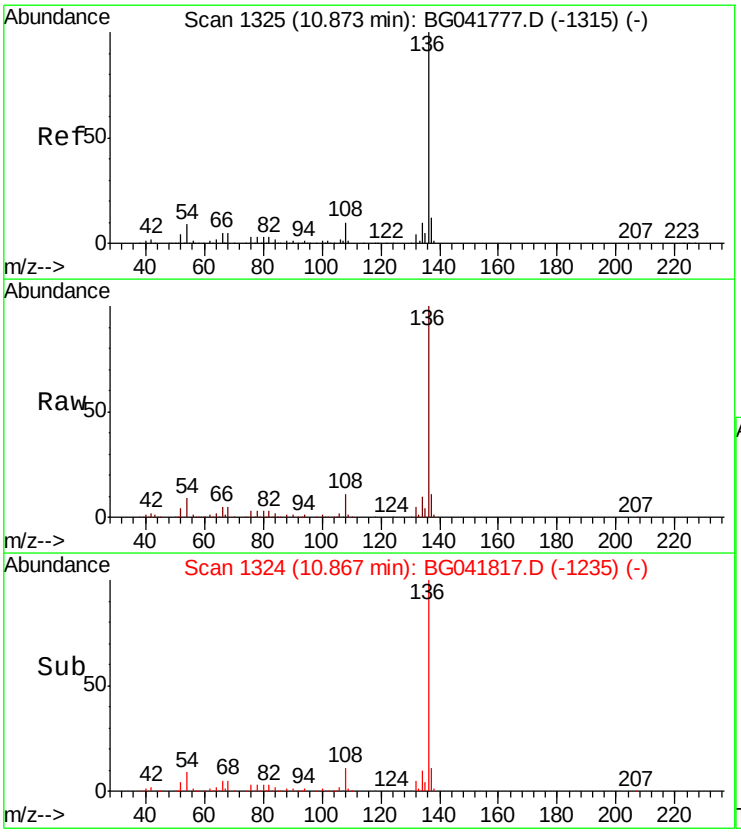
#20
3+4-Methylphenols
Concen: 4.457 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:107 Resp: 25356

Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.5	107.5
77	29.2	12.3	52.3
79	28.4	8.3	48.3

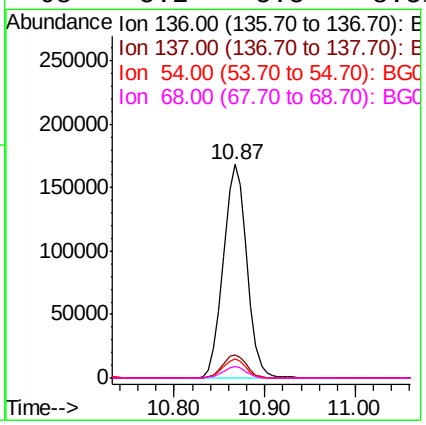


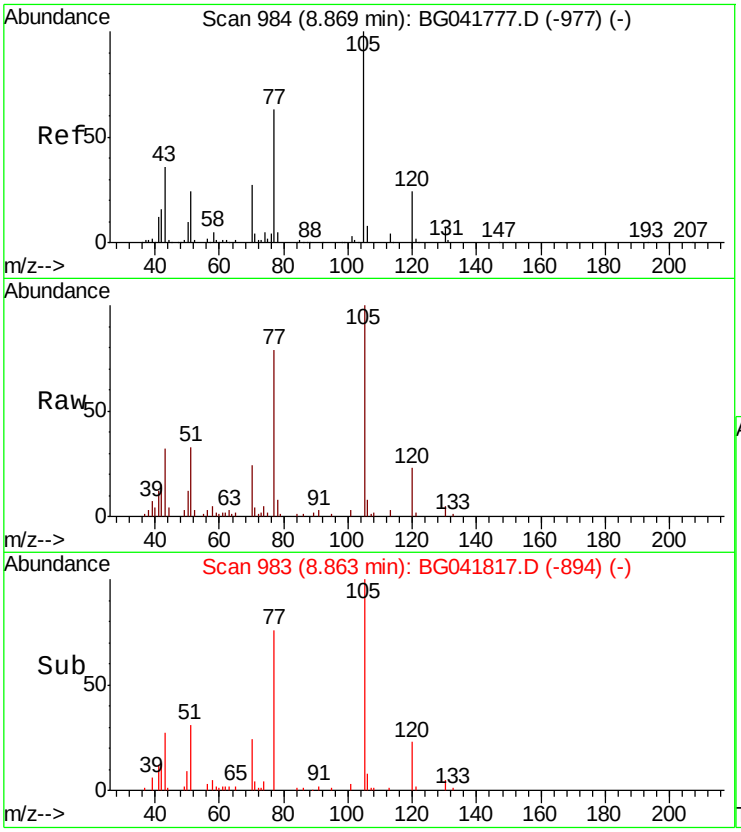


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:136 Resp: 302022

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.3	8.7	13.1
68	5.2	5.5	8.3#



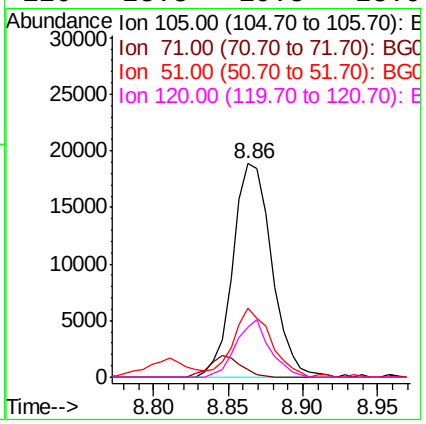


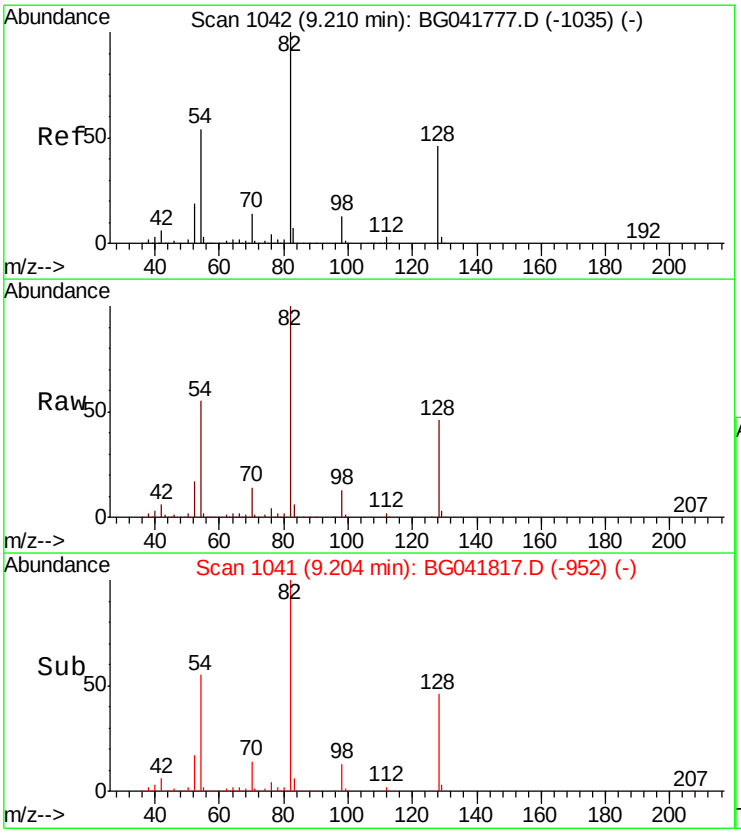
#22
Acetophenone
Concen: 5.072 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:105 Resp: 34264

Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.9	8.9#
51	32.5	27.7	41.5
120	23.3	19.3	28.9

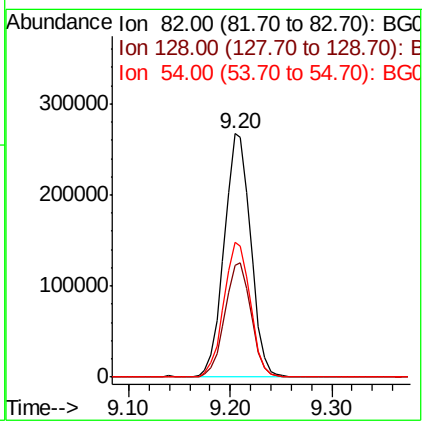


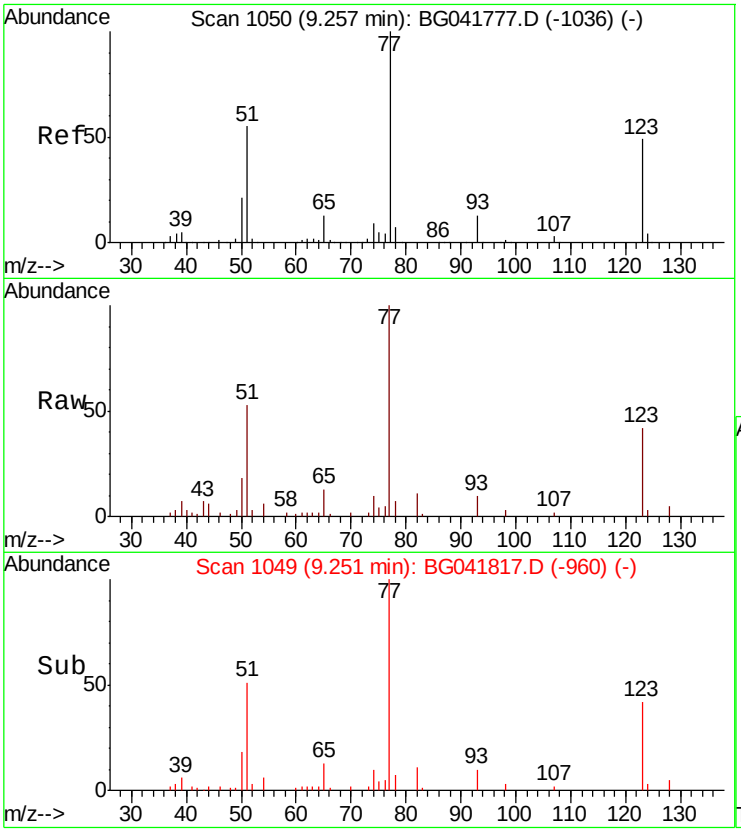


#23
Nitrobenzene-d5
Concen: 110.028 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 82 Resp: 482894

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	55.1	48.7	73.1



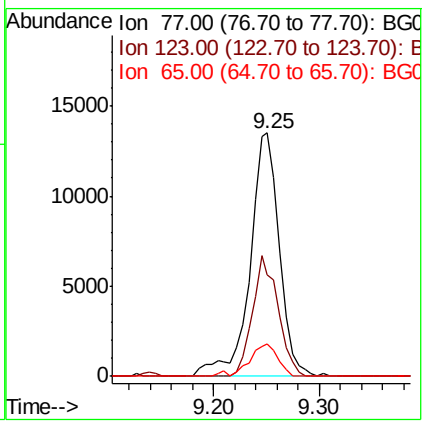


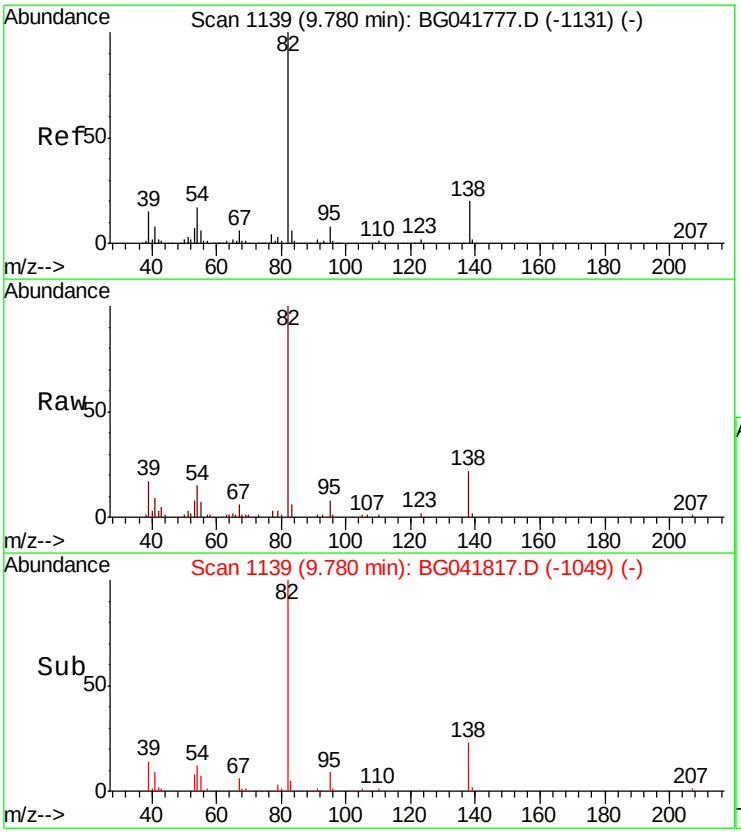
#24
Nitrobenzene
Concen: 5.666 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 77 Resp: 26198

Ion	Ratio	Lower	Upper
77	100		
123	42.0	38.1	57.1
65	13.2	11.0	16.6

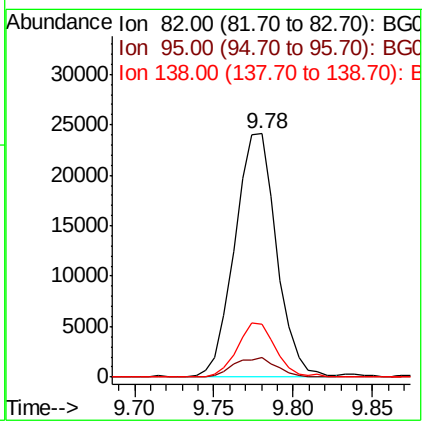


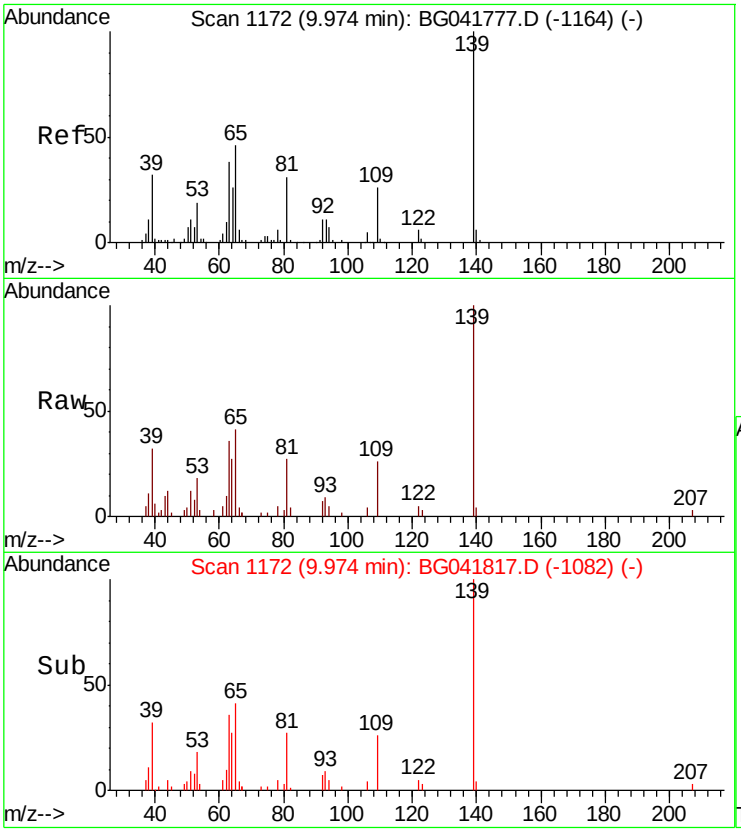


#25
Isophorone
Concen: 4.633 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 82 Resp: 44237

Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.9	8.9
138	21.9	16.3	24.5



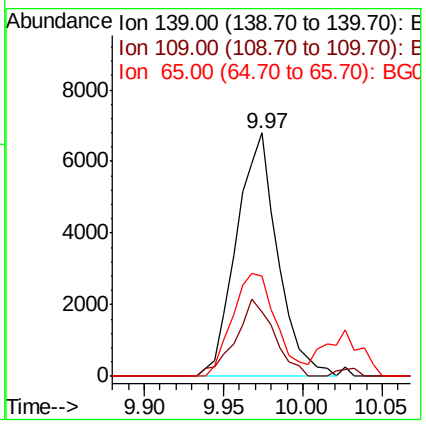


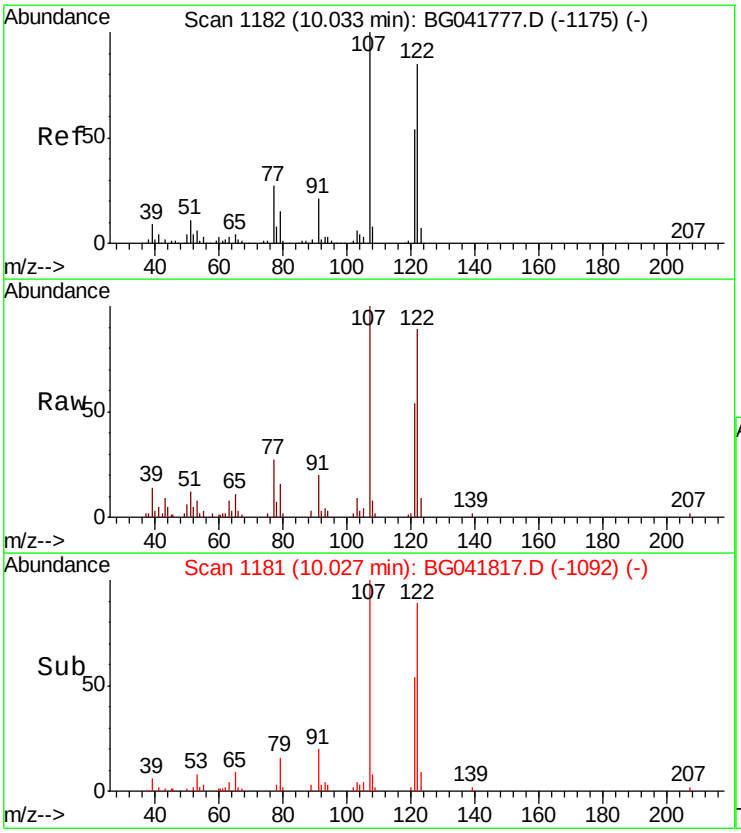
#26
2-Nitrophenol
Concen: 5.708 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:139 Resp: 12249

Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.7	34.1
65	41.4	41.1	61.7

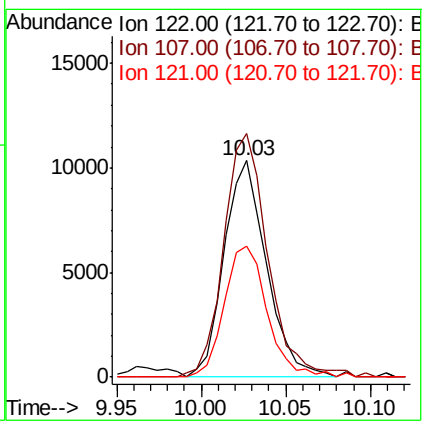


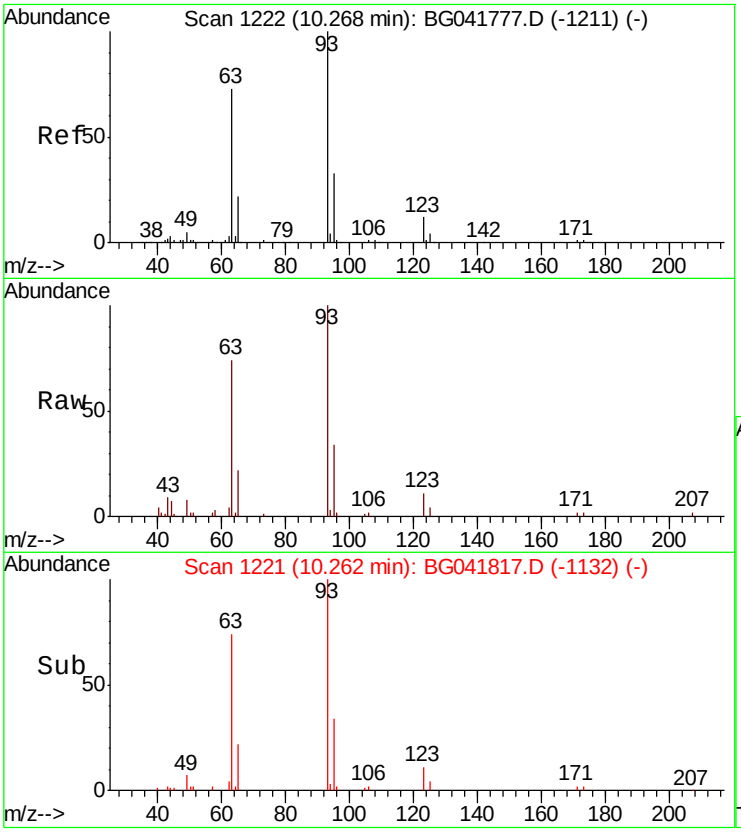


#27
2,4-Dimethylphenol
Concen: 4.770 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:122 Resp: 18066

Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.3	136.9
121	60.5	49.2	73.8



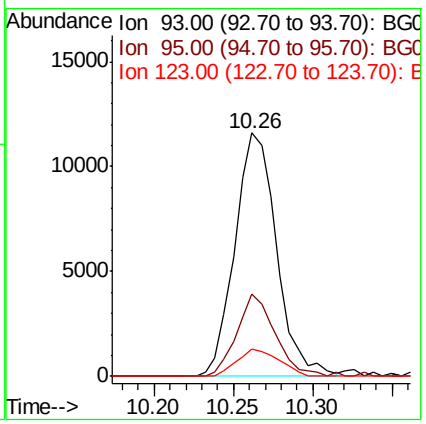


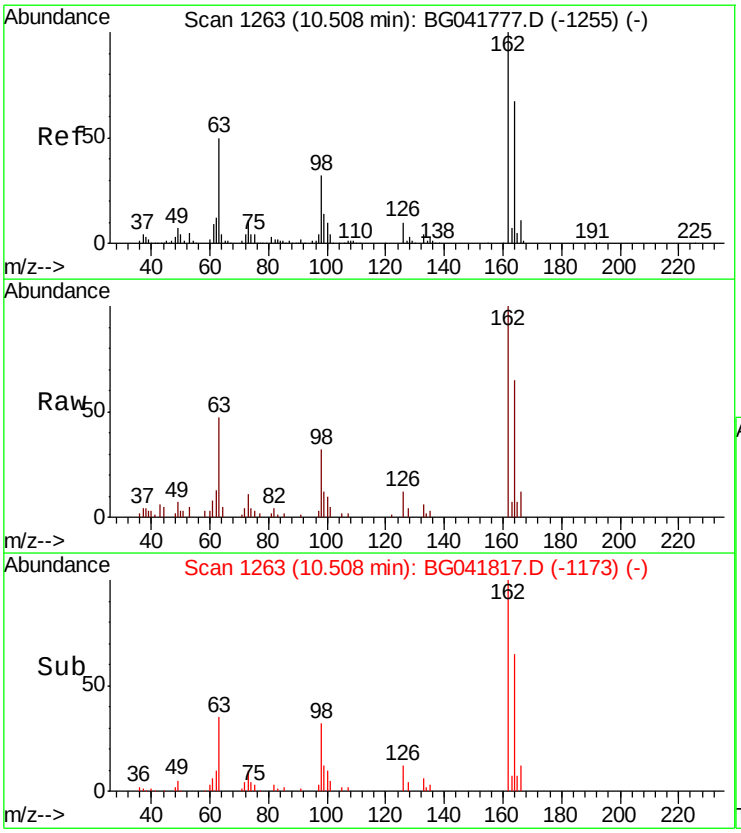
#28
bis(2-Chloroethoxy)methane
Concen: 3.547 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 93 Resp: 21164

Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	11.4	9.9	14.9

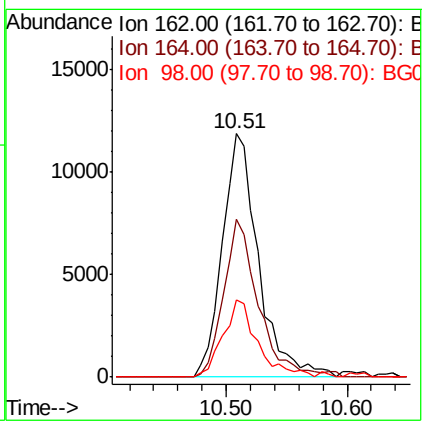


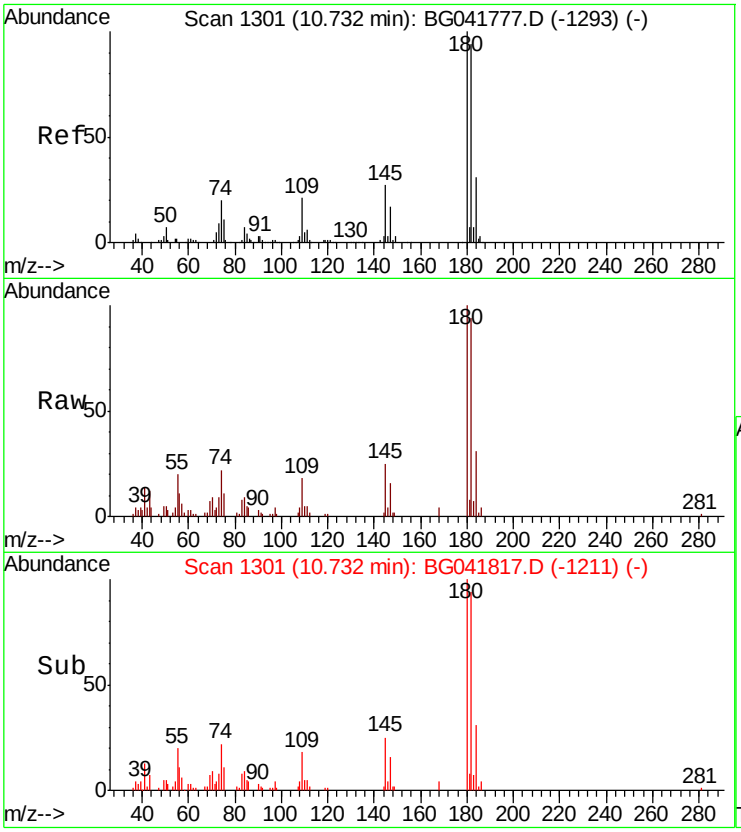


#29
2,4-Dichlorophenol
Concen: 5.330 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:162 Resp: 24582

Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.1	86.1
98	31.9	14.7	54.7



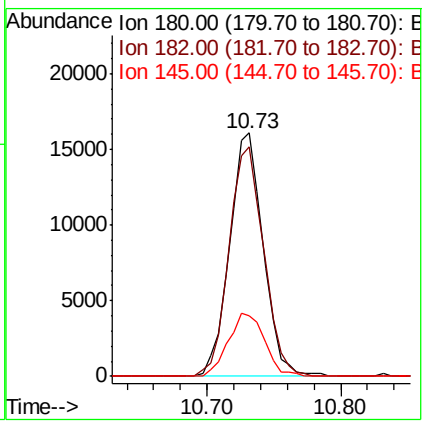


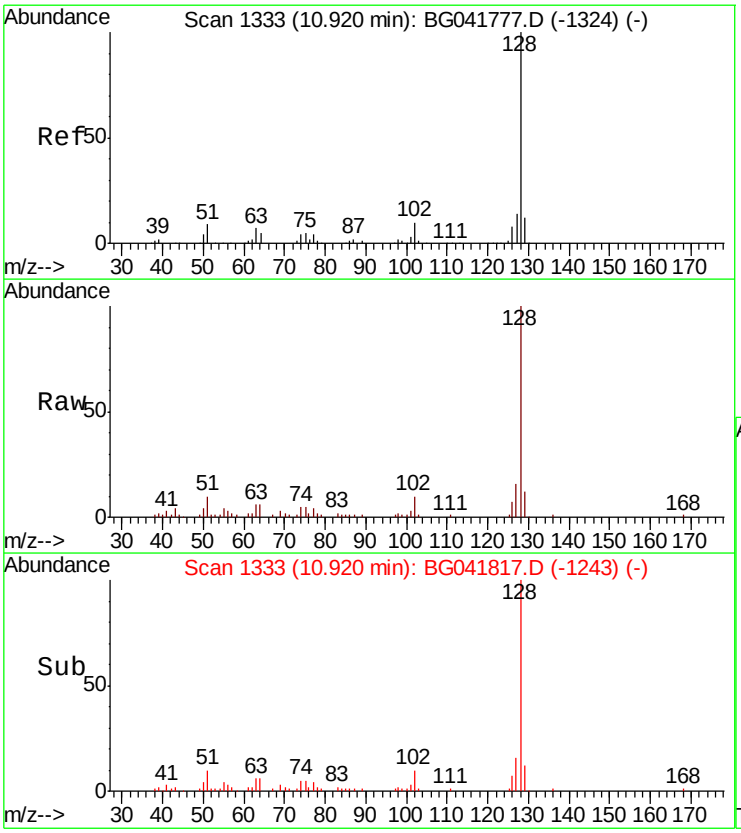
#30
1,2,4-Trichlorobenzene
Concen: 4.800 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:180 Resp: 28074

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.2
145	24.7	23.8	35.8

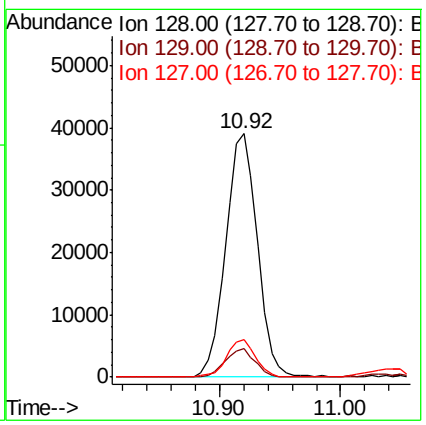


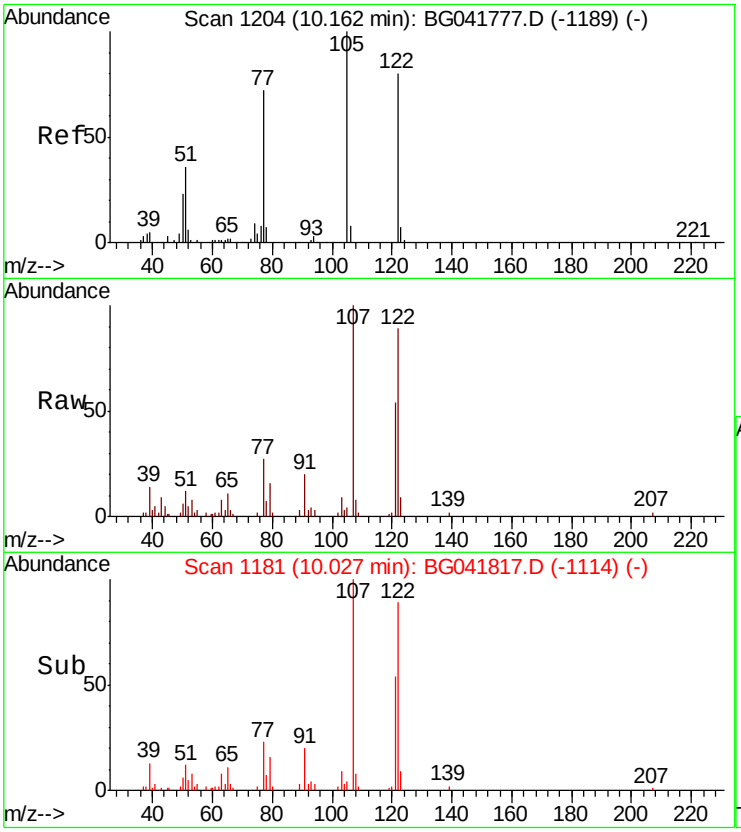


#31
Naphthalene
Concen: 5.137 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:128 Resp: 71005

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	15.6	12.3	18.5



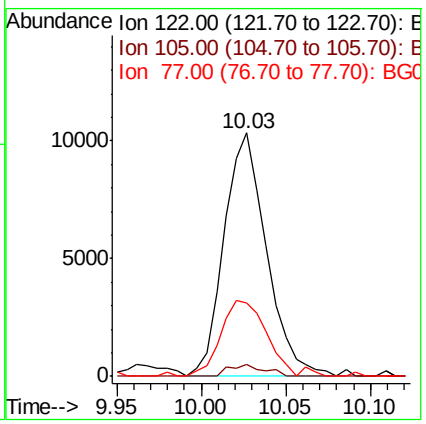


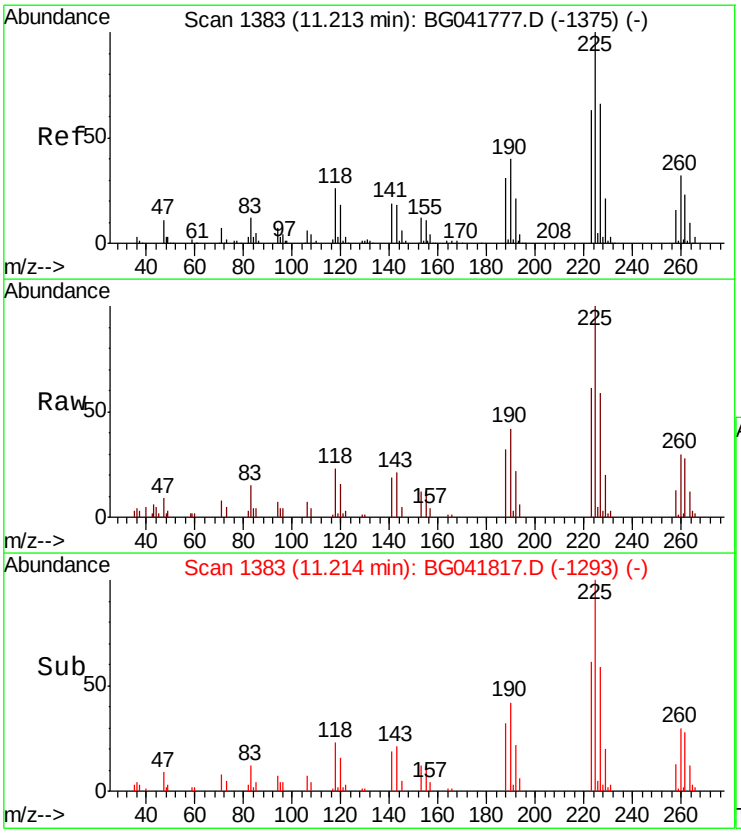
#32
Benzoic acid
Concen: 14.191 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.13 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:122 Resp: 18066

Ion	Ratio	Lower	Upper
122	100		
105	5.0	101.5	141.5#
77	30.0	73.0	113.0#

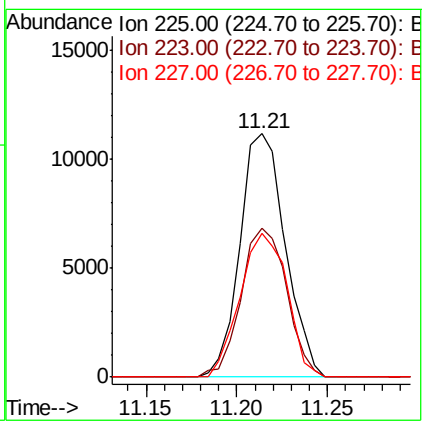


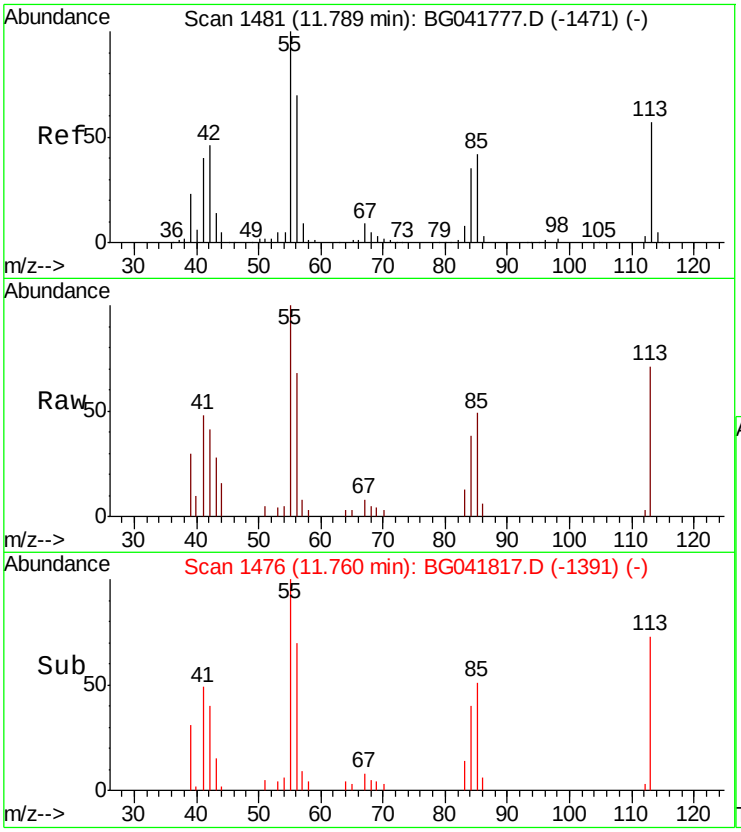


#34
Hexachlorobutadiene
Concen: 4.911 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:225 Resp: 19386

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.1	76.7
227	58.9	50.9	76.3



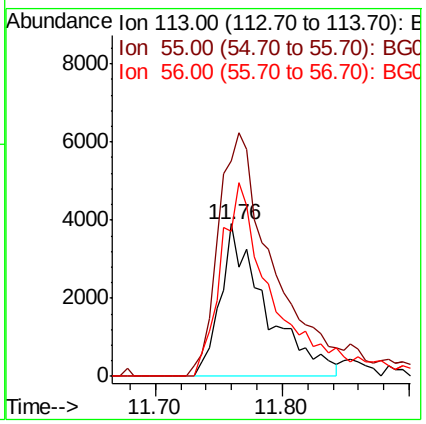


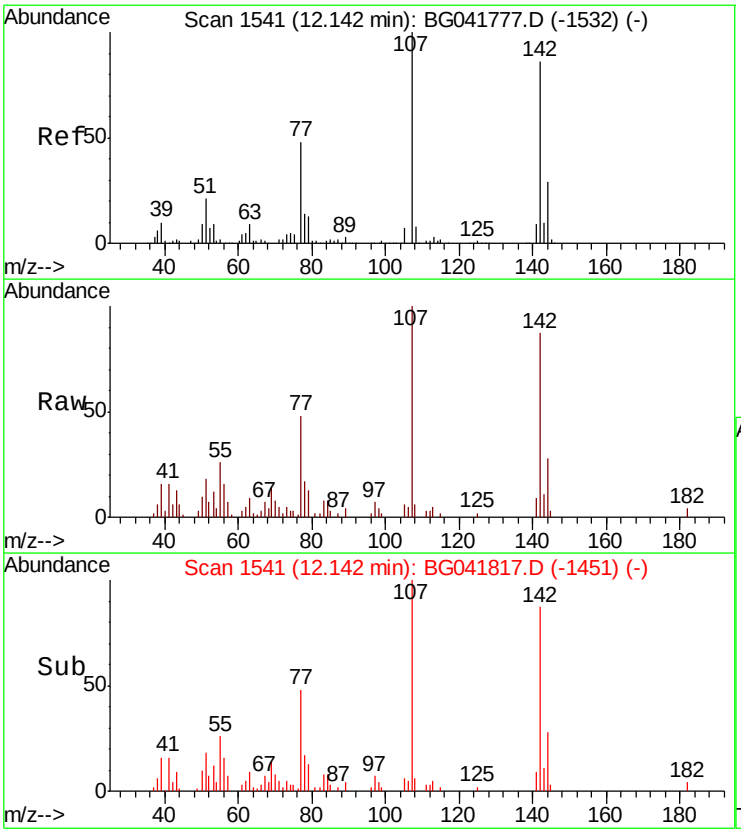
#35
Caprolactam
Concen: 6.054 ng
RT: 11.76 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:113 Resp: 9704

Ion	Ratio	Lower	Upper
113	100		
55	141.0	199.4	239.4#
56	95.4	133.6	173.6#

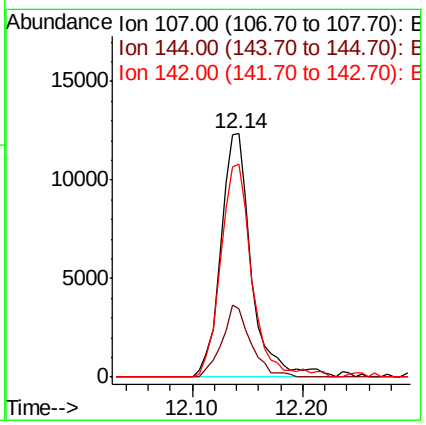


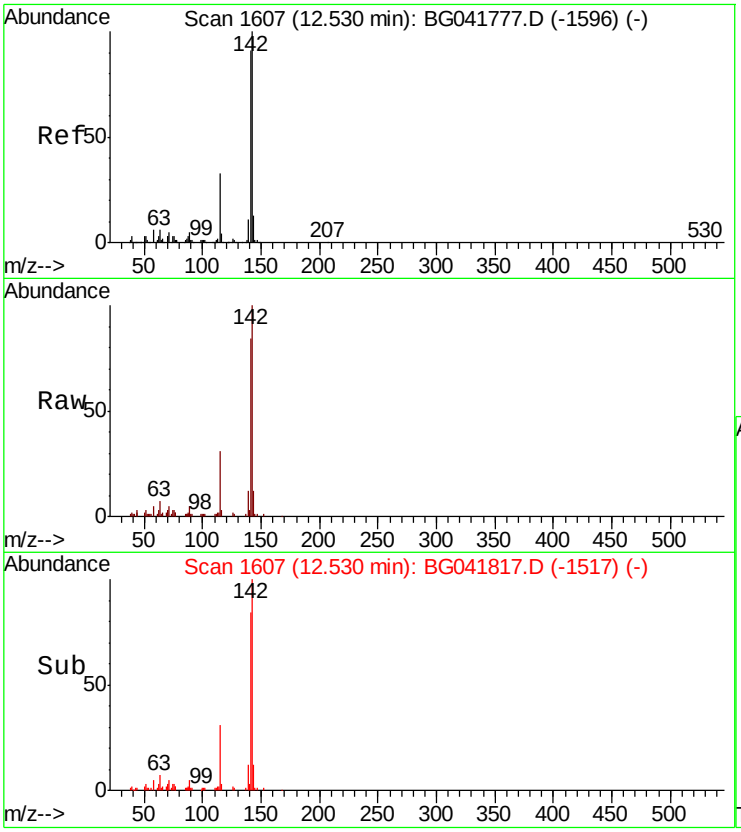


#36
4-Chloro-3-methylphenol
Concen: 5.227 ng
RT: 12.14 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:107 Resp: 23902

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.2	33.2
142	87.2	67.3	100.9



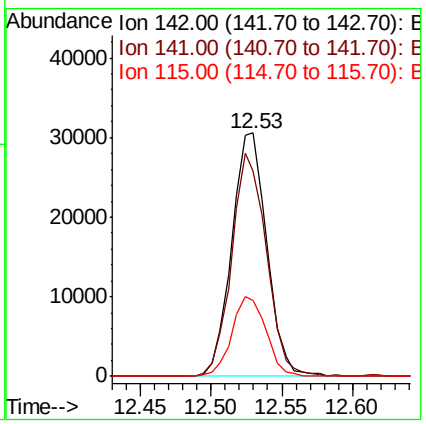


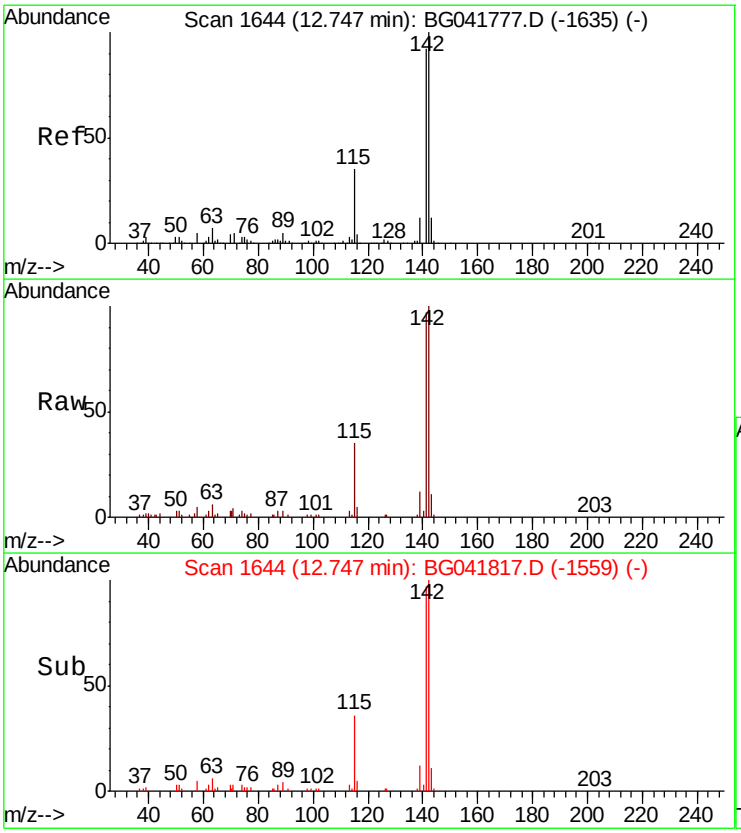
#37
2-Methylnaphthalene
Concen: 4.835 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:142 Resp: 52903

Ion	Ratio	Lower	Upper
142	100		
141	84.3	72.7	109.1
115	31.3	27.0	40.4

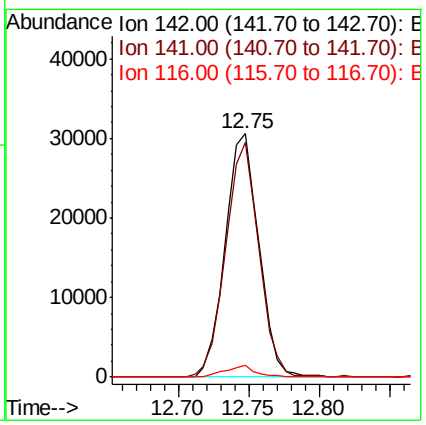


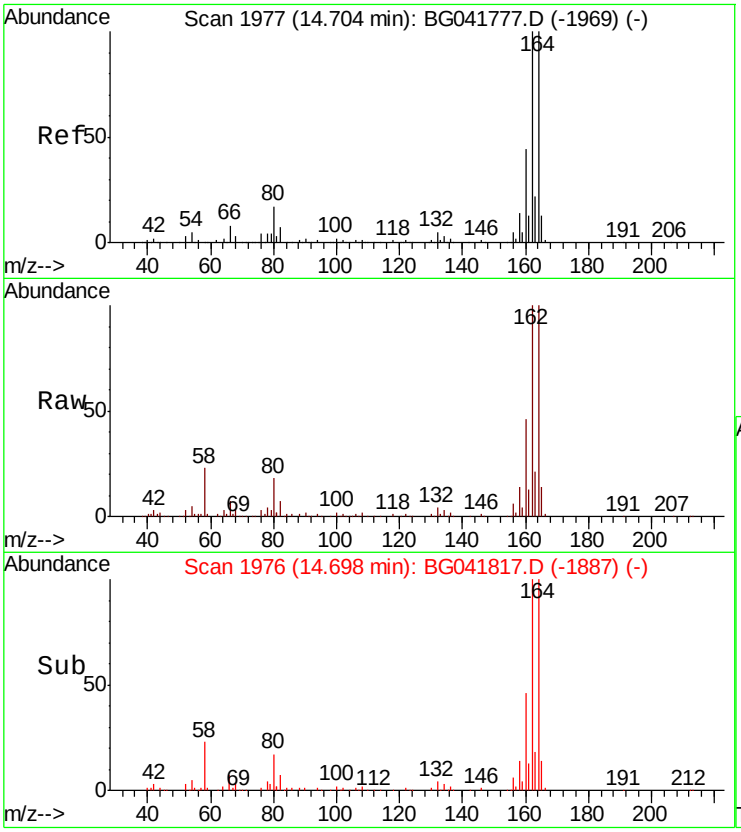


#38
1-Methylnaphthalene
Concen: 4.900 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:142 Resp: 50811

Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.4	113.2
116	4.7	3.2	4.8



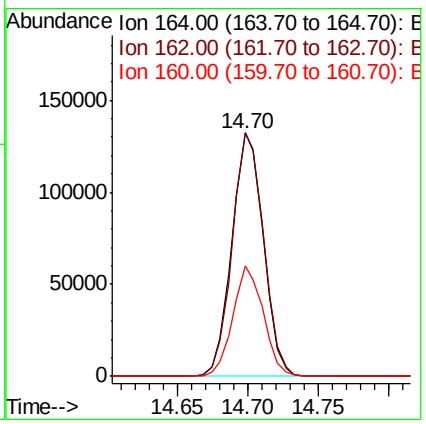


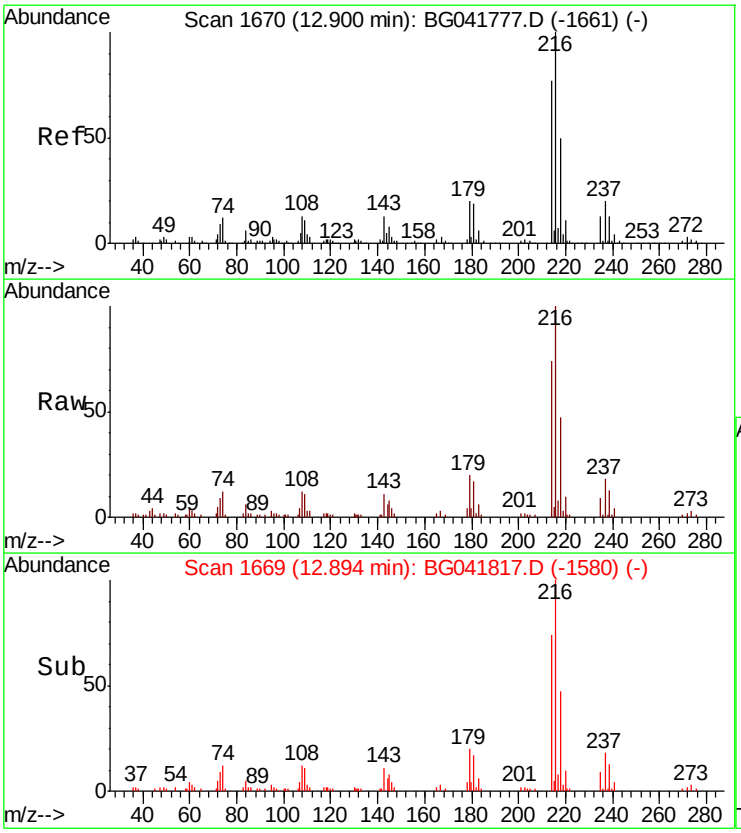
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:164 Resp: 205089

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.6	119.4
160	45.5	35.4	53.0

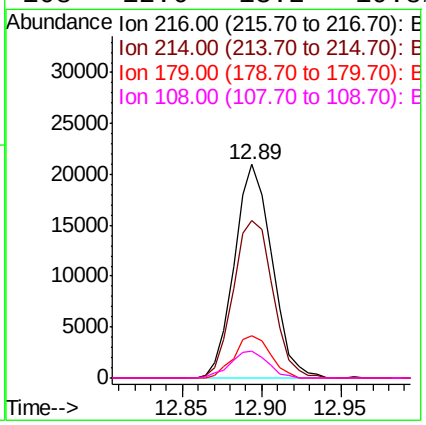


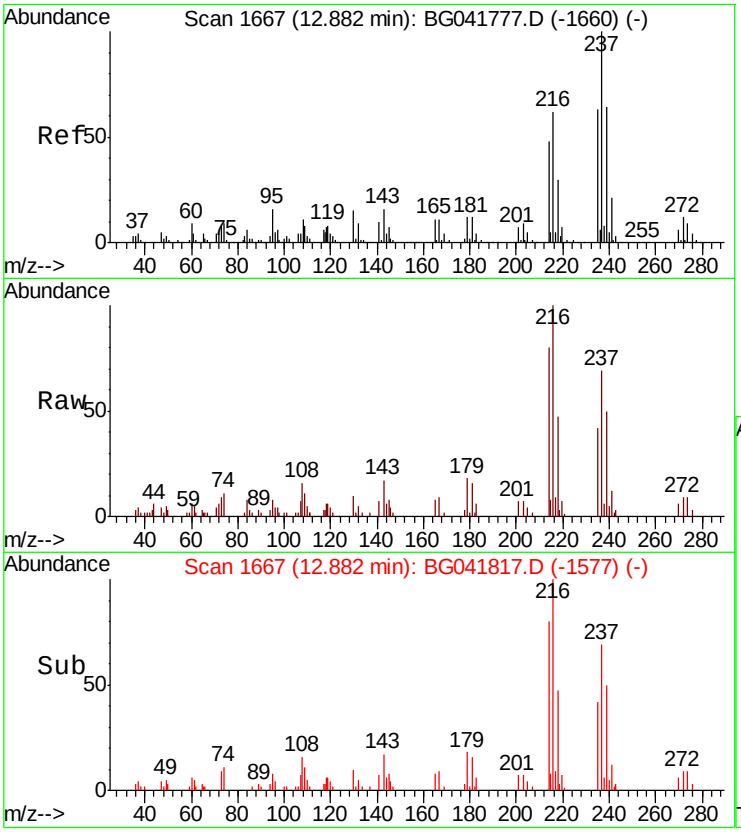


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.320 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:216 Resp: 34537

Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.5	92.3
179	19.0	16.2	24.2
108	12.6	13.2	19.8#



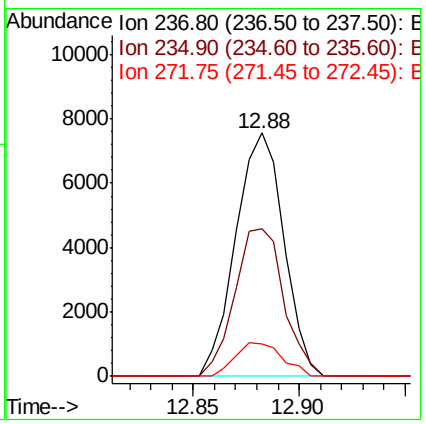


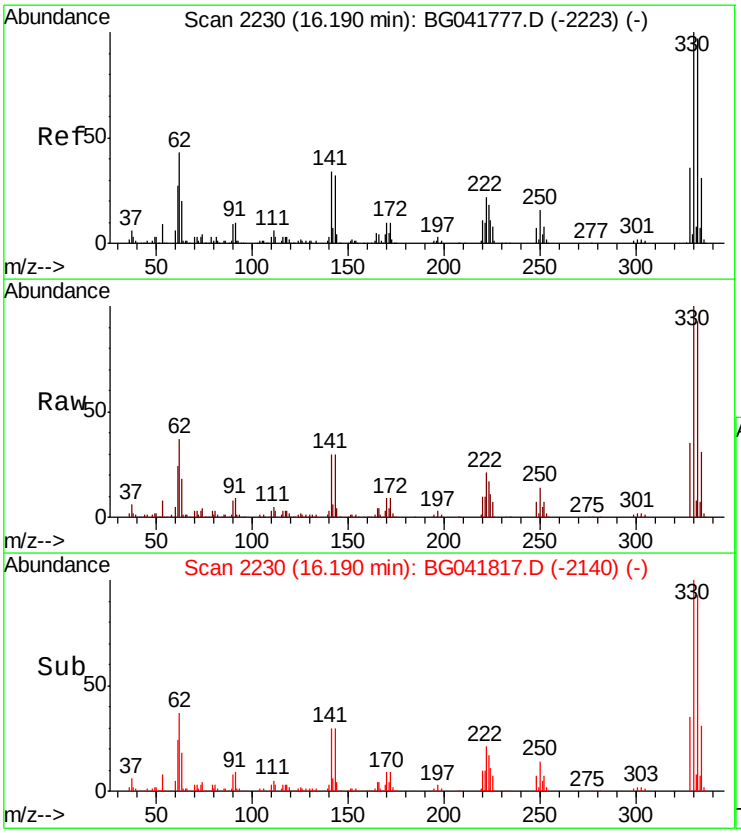
#41
Hexachlorocyclopentadiene
Concen: 3.267 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:237 Resp: 11926

Ion	Ratio	Lower	Upper
237	100		
235	60.8	43.5	83.5
272	13.5	0.0	31.2

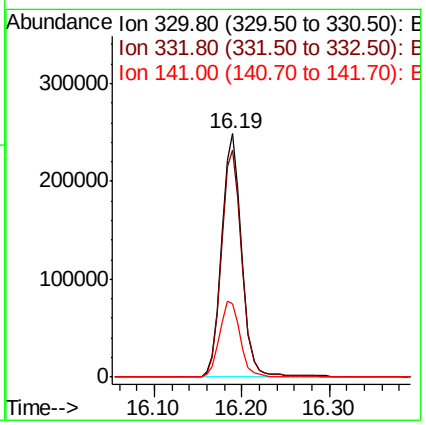


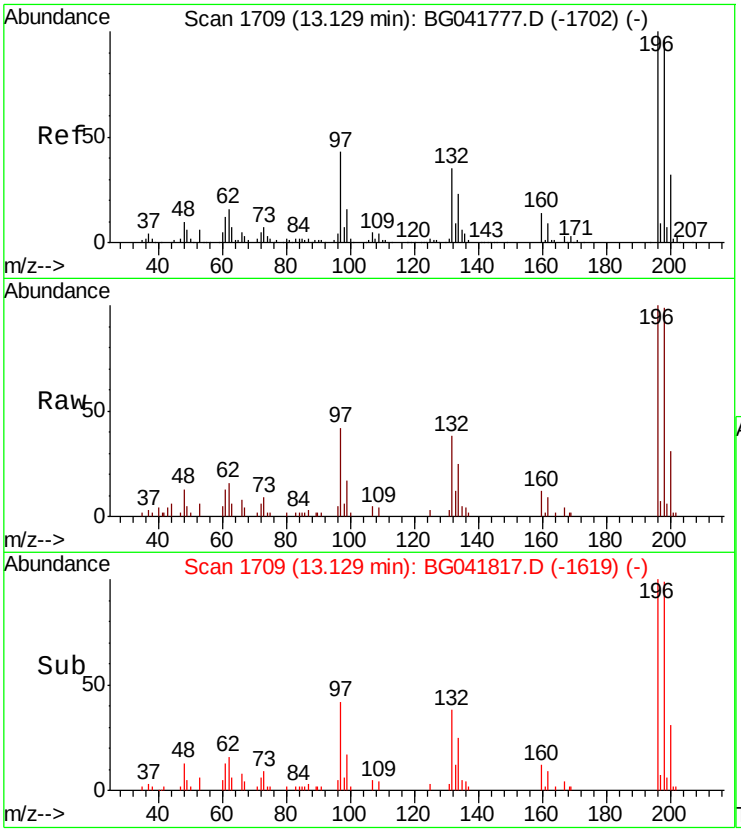


#42
2,4,6-Tribromophenol
Concen: 168.989 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:330 Resp: 393666

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	32.5	31.9	47.9



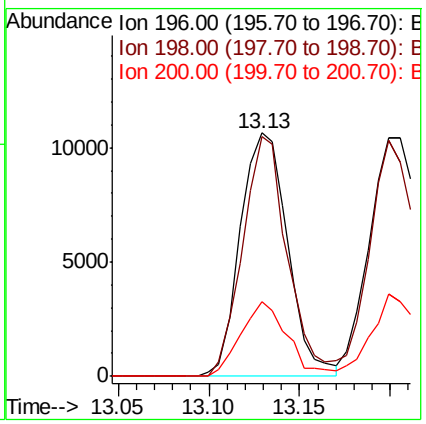


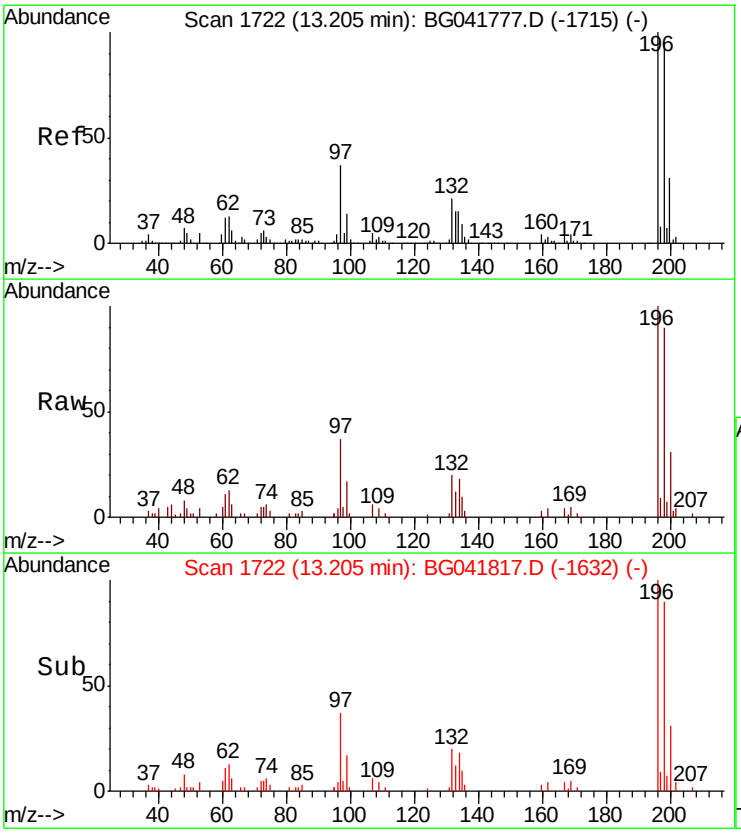
#43
2,4,6-Trichlorophenol
Concen: 4.730 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:196 Resp: 19407

Ion	Ratio	Lower	Upper
196	100		
198	98.5	79.6	119.4
200	30.9	25.2	37.8

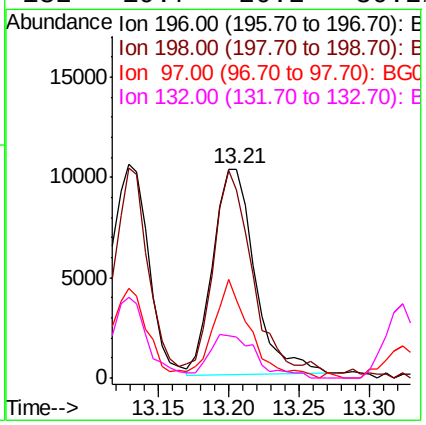


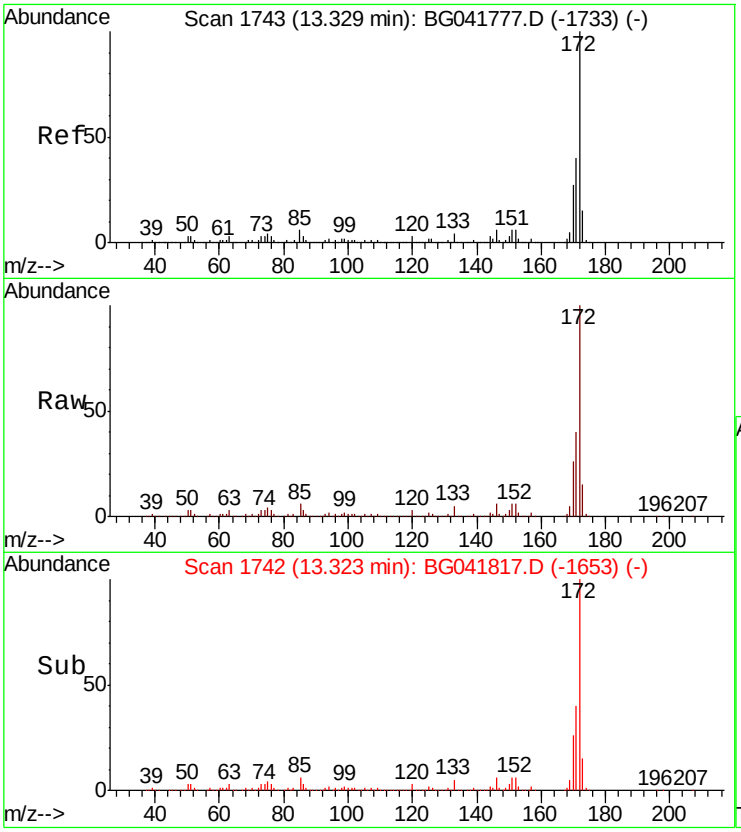


#44
2,4,5-Trichlorophenol
Concen: 4.986 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:196 Resp: 21258

Ion	Ratio	Lower	Upper
196	100		
198	89.8	80.6	121.0
97	37.2	33.9	50.9
132	19.7	20.2	30.2#



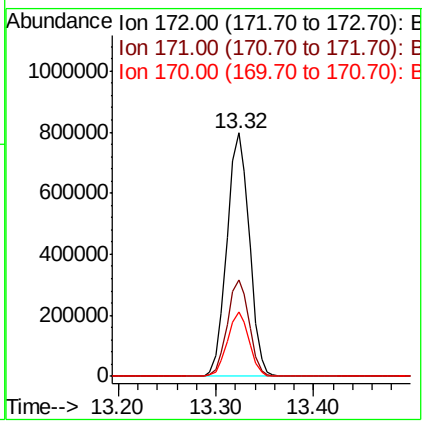


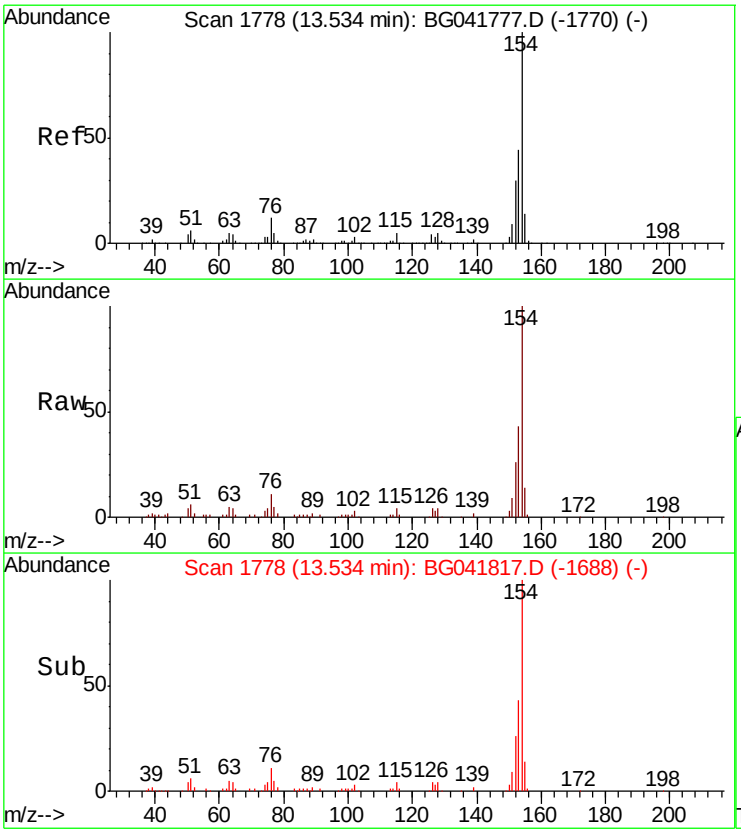
#45
2-Fluorobiphenyl
Concen: 109.190 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:172 Resp: 1269682

Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.4	23.5	35.3

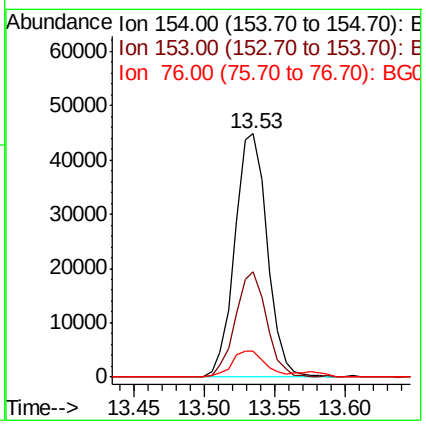


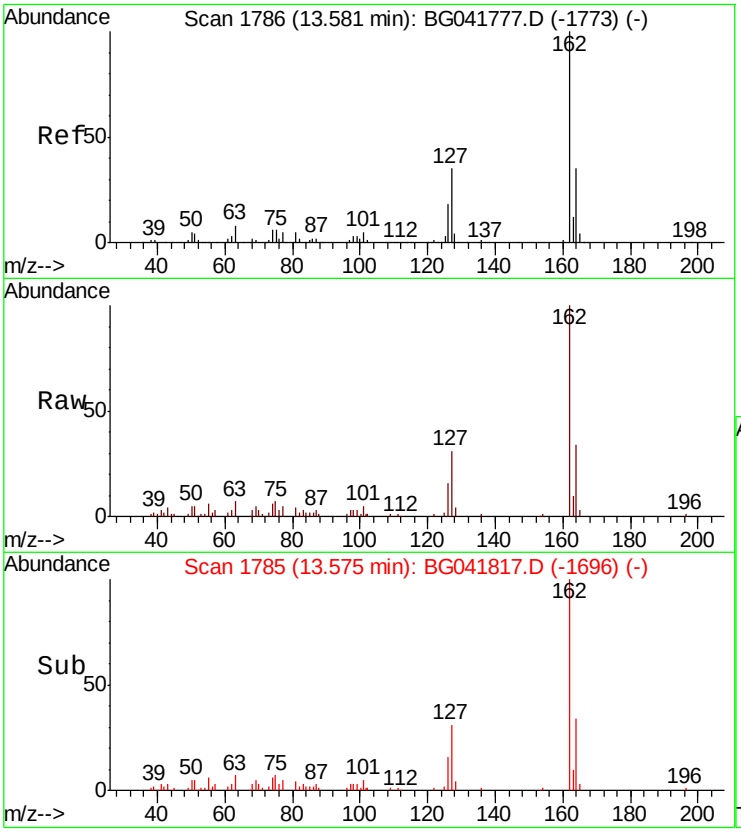


#46
1,1'-Biphenyl
Concen: 5.463 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:154 Resp: 72016

Ion	Ratio	Lower	Upper
154	100		
153	43.5	25.0	65.0
76	10.9	0.0	34.5



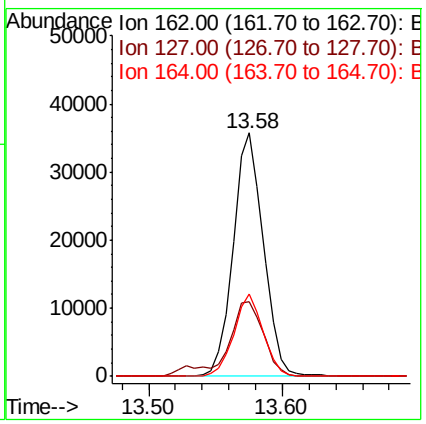


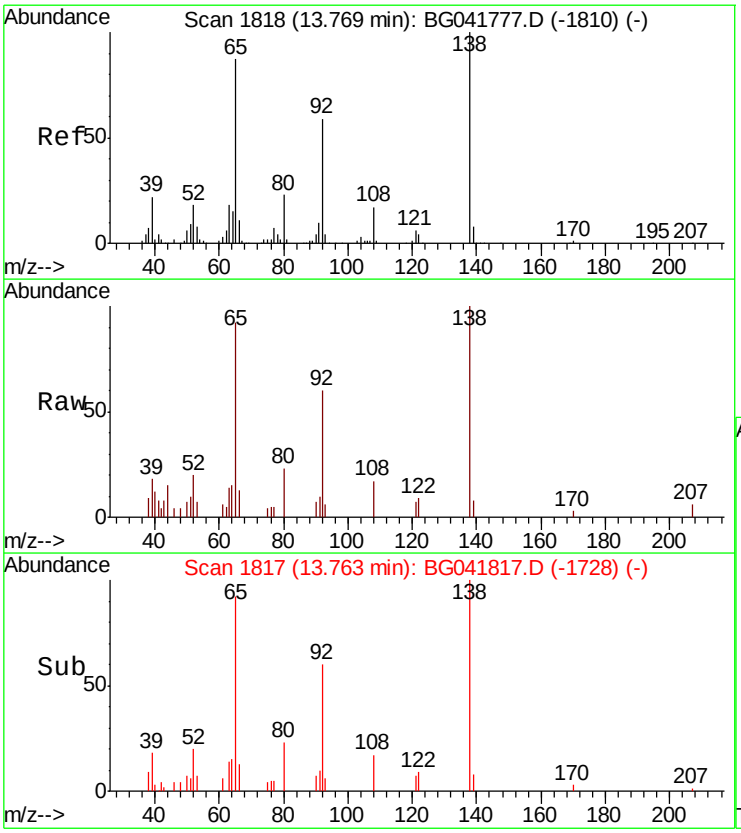
#47
2-Chloronaphthalene
Concen: 4.974 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:162 Resp: 55828

Ion	Ratio	Lower	Upper
162	100		
127	30.6	30.4	45.6
164	33.6	28.6	42.8

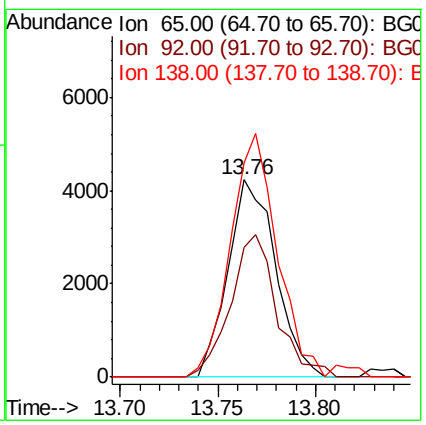


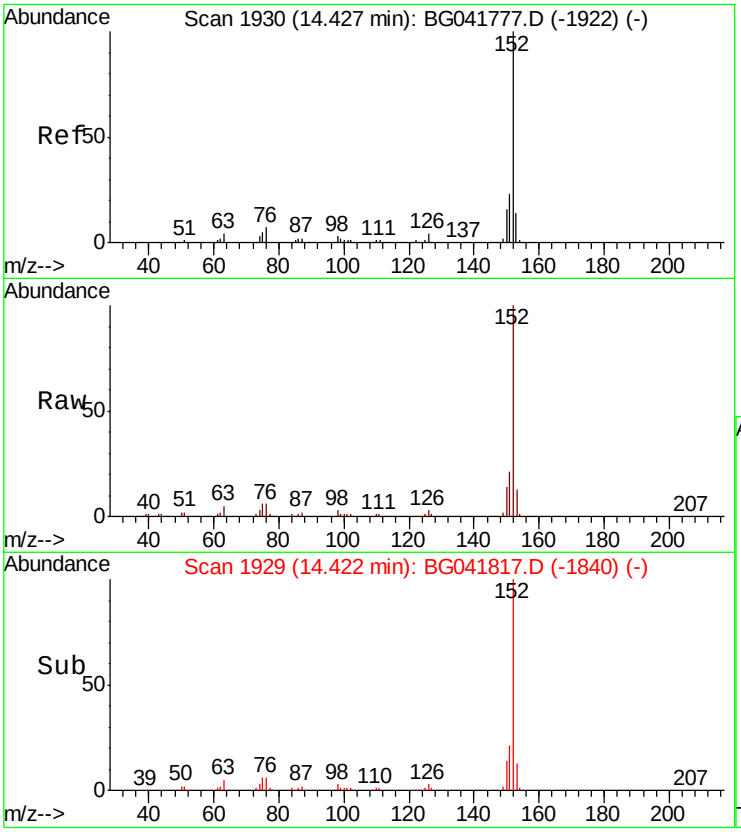


#48
2-Nitroaniline
Concen: 2.512 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion: 65 Resp: 7152

Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	108.6	83.5	125.3



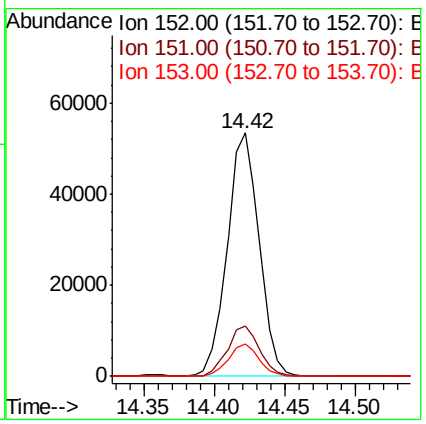


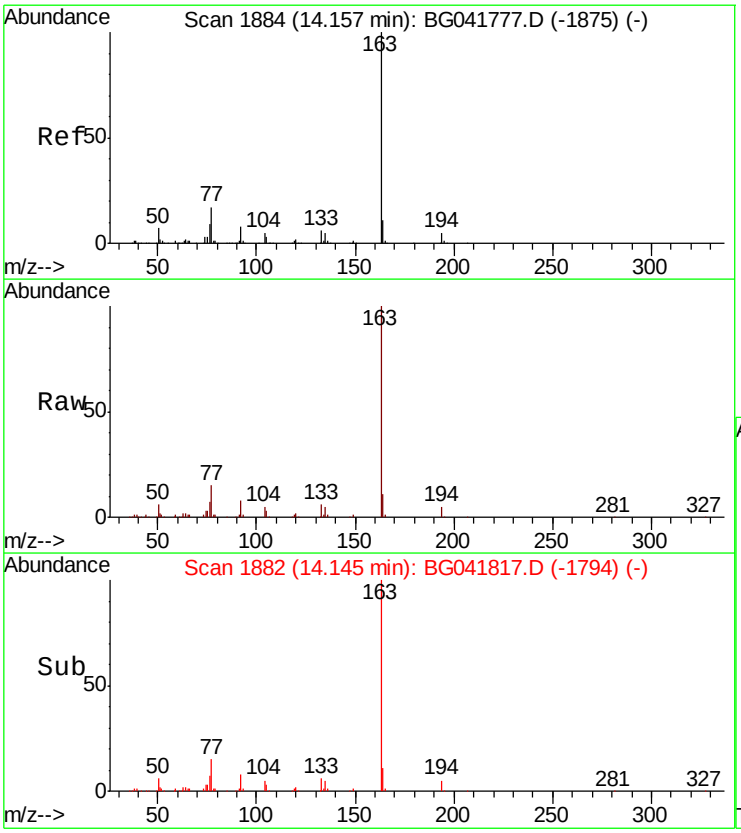
#49
Acenaphthylene
Concen: 5.004 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:152 Resp: 84023

Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.7	28.1
153	13.3	12.4	18.6

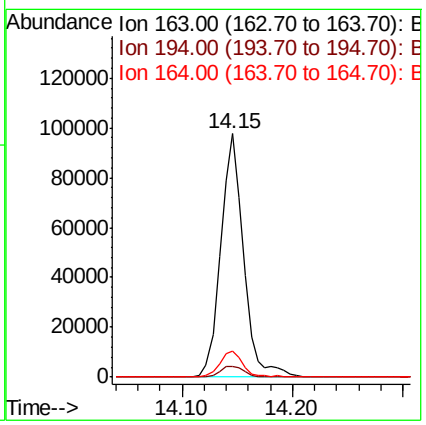


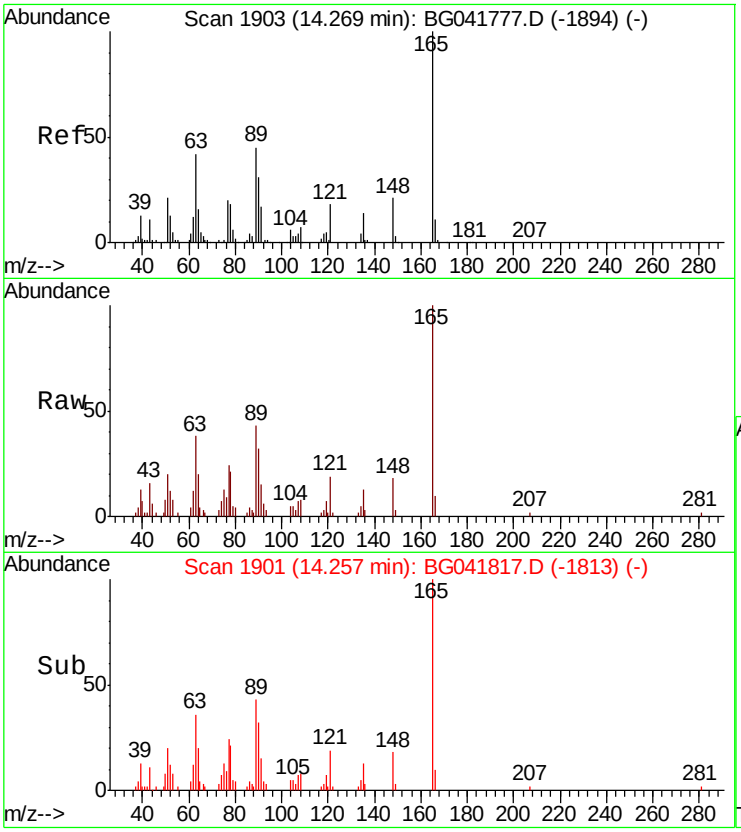


#50
Dimethylphthalate
Concen: 10.075 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:163 Resp: 141116

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	10.8	9.4	14.2



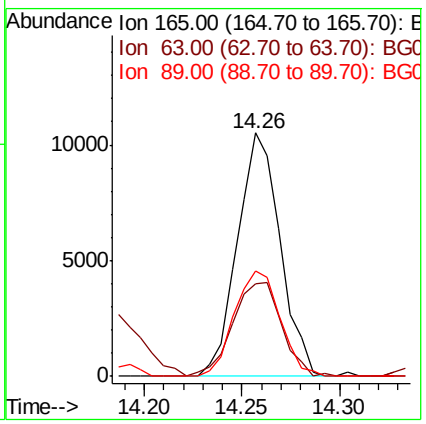


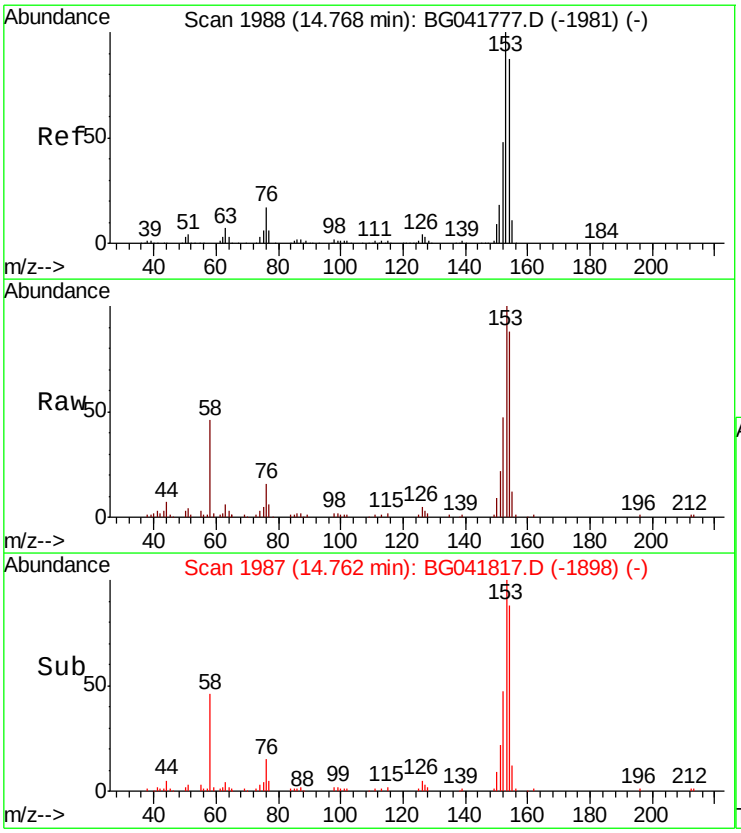
#51
2,6-Dinitrotoluene
Concen: 5.440 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:165 Resp: 15933

Ion	Ratio	Lower	Upper
165	100		
63	38.1	42.4	63.6#
89	43.2	42.1	63.1

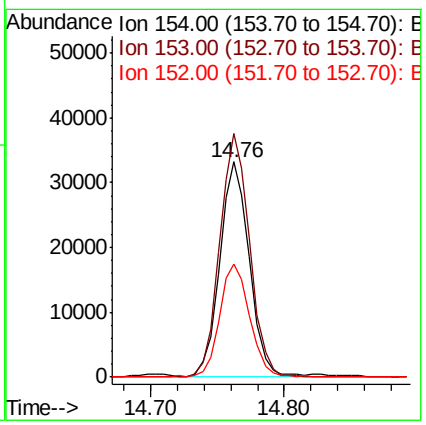


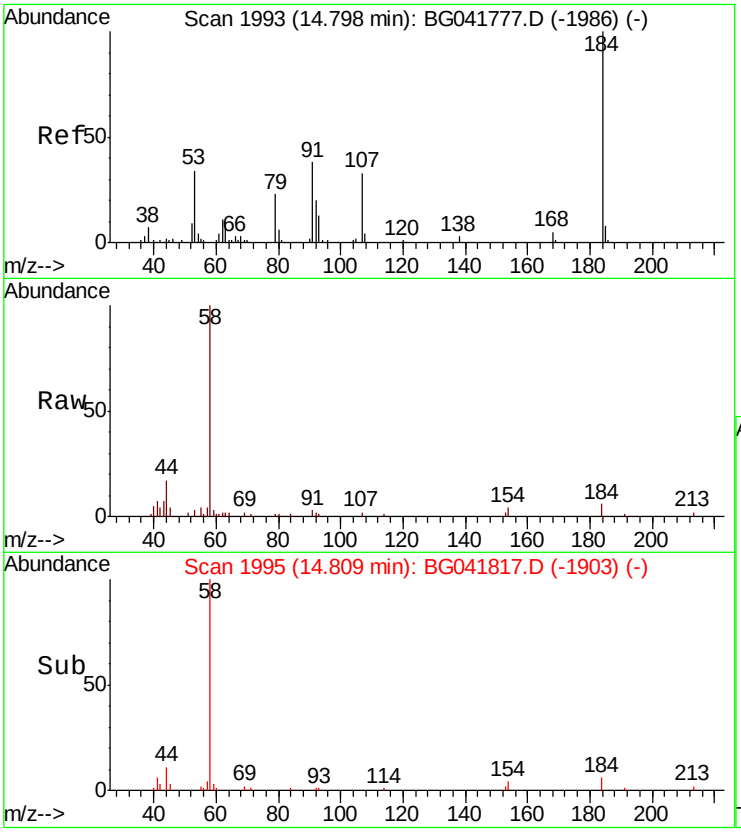


#52
Acenaphthene
Concen: 4.757 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:154 Resp: 51948

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.8	134.6
152	52.7	44.9	67.3



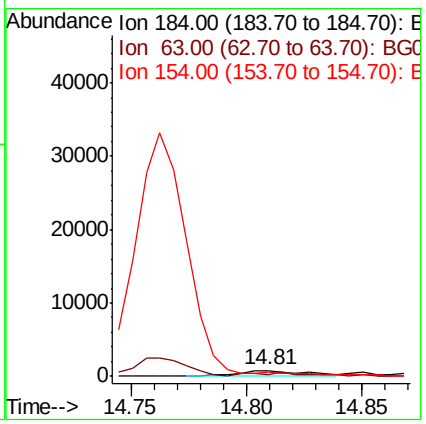


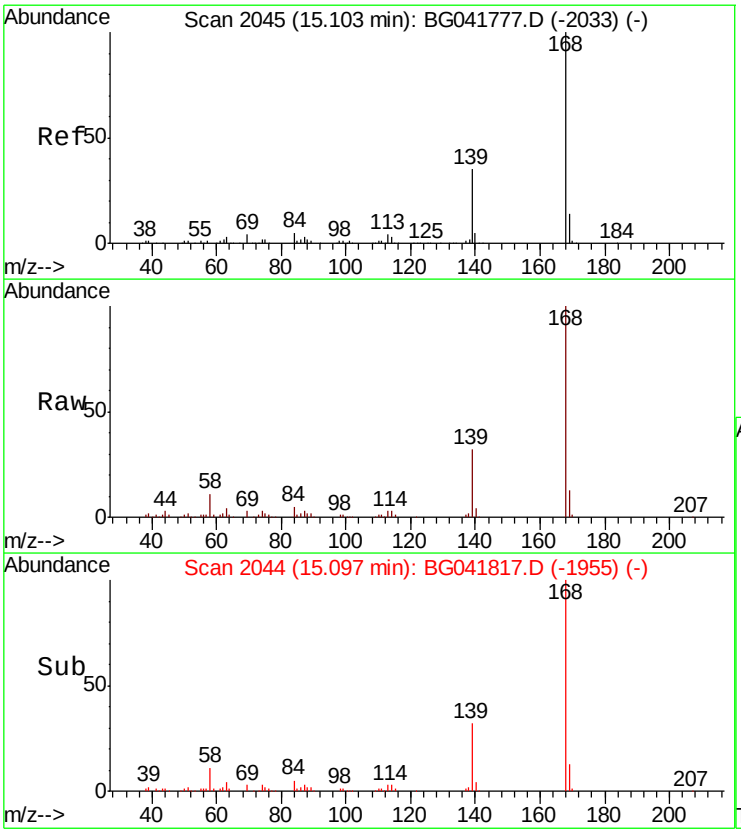
#54
2,4-Dinitrophenol
Concen: 4.491 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:184 Resp: 1573

Ion	Ratio	Lower	Upper
184	100		
63	31.0	43.2	64.8#
154	60.8	51.4	77.2

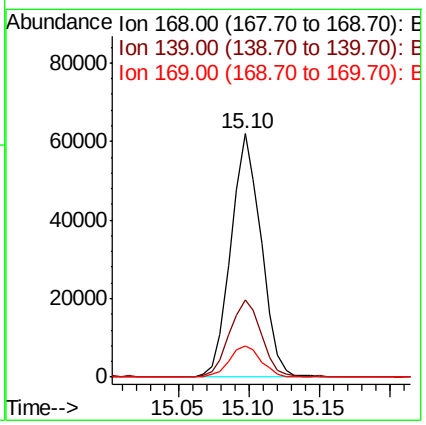


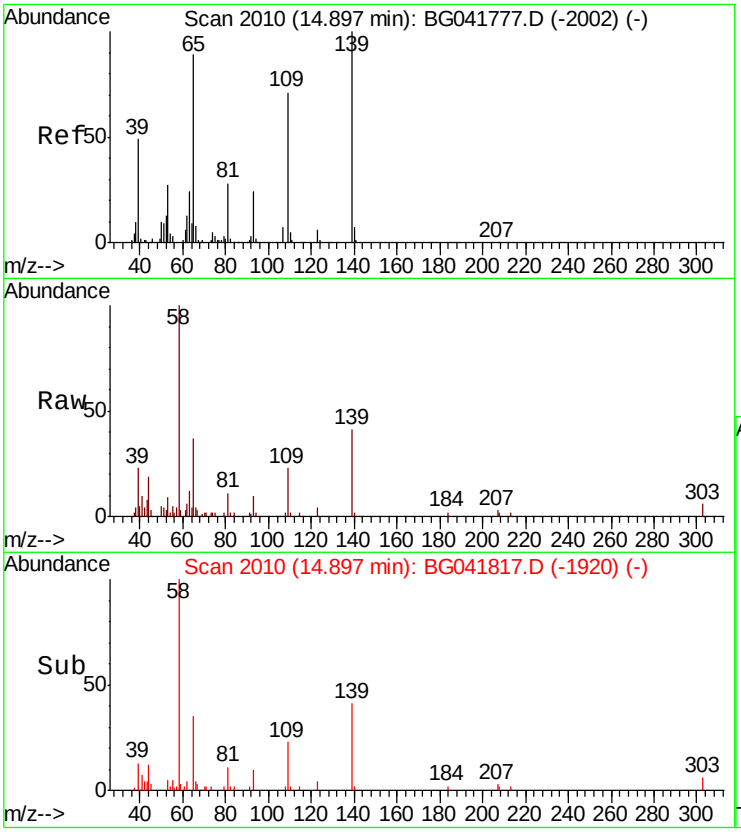


#55
Dibenzofuran
Concen: 5.528 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:168 Resp: 92331

Ion	Ratio	Lower	Upper
168	100		
139	31.7	31.9	47.9#
169	12.5	12.5	18.7



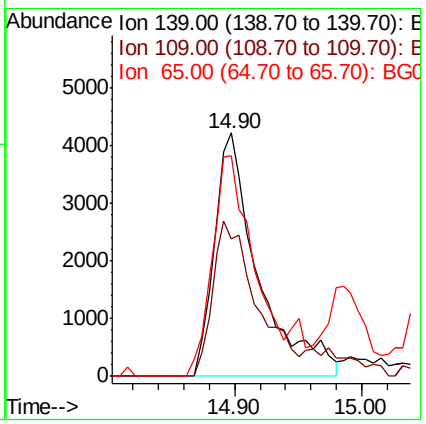


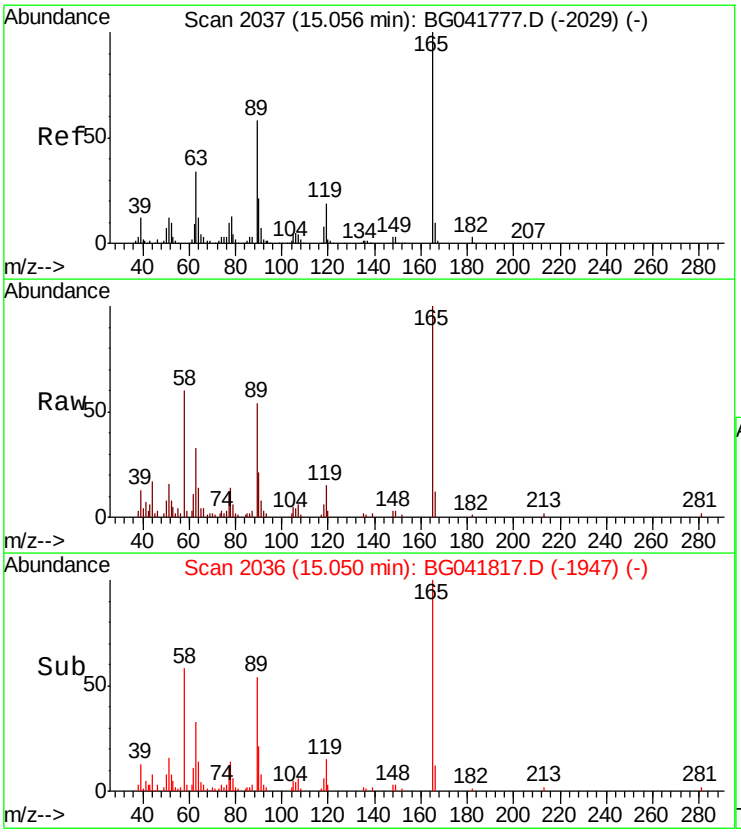
#56
4-Nitrophenol
Concen: 4.256 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:139 Resp: 10123

Ion	Ratio	Lower	Upper
139	100		
109	56.3	51.3	91.3
65	90.8	77.6	117.6

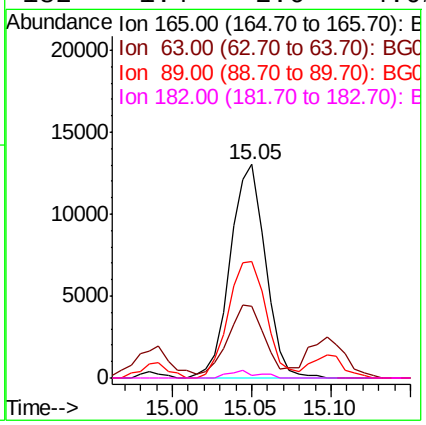


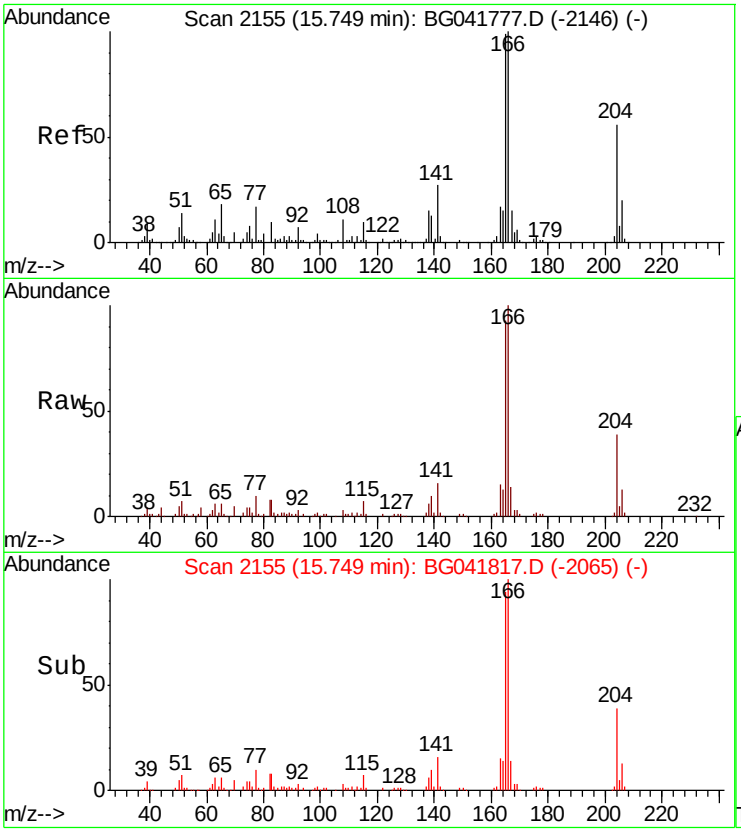


#57
2,4-Dinitrotoluene
Concen: 4.972 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:165 Resp: 20025

Ion	Ratio	Lower	Upper
165	100		
63	33.5	31.7	47.5
89	54.5	50.2	75.4
182	1.4	2.6	4.0#



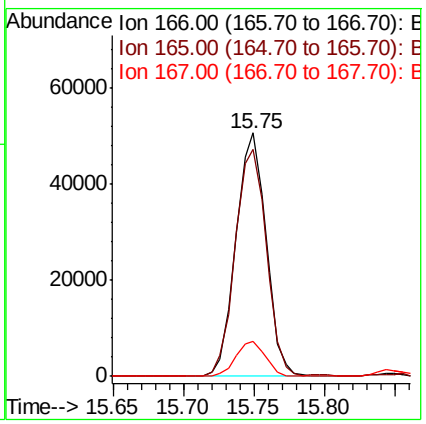


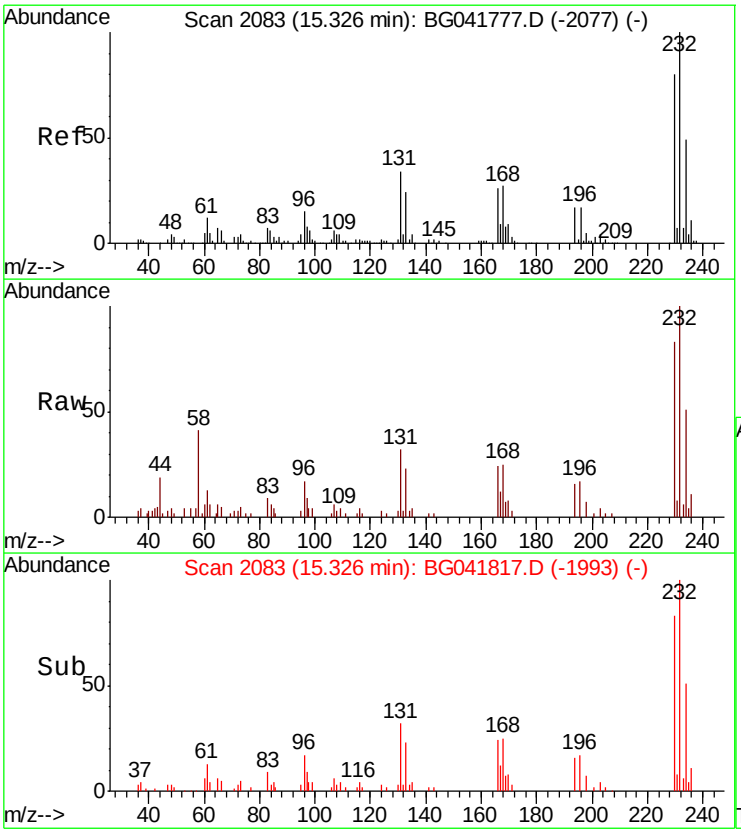
#58
Fluorene
Concen: 5.649 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:166 Resp: 75719

Ion	Ratio	Lower	Upper
166	100		
165	93.5	80.5	120.7
167	14.1	12.4	18.6

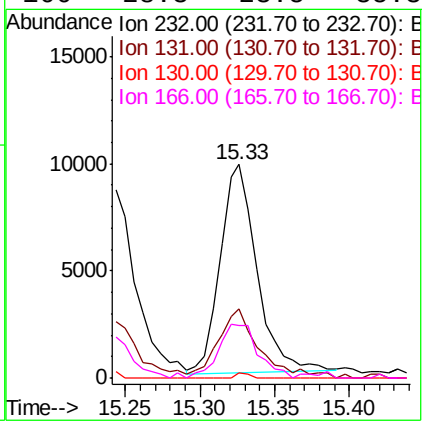


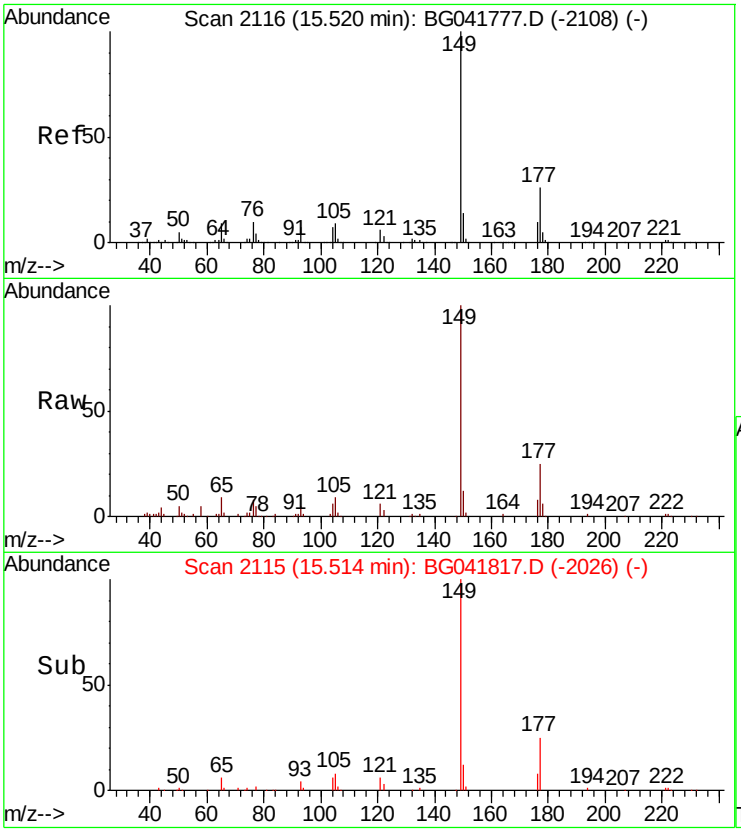


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.964 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:232 Resp: 16742

Ion	Ratio	Lower	Upper
232	100		
131	37.6	31.8	47.6
130	1.0	1.8	2.8#
166	28.3	23.5	35.3



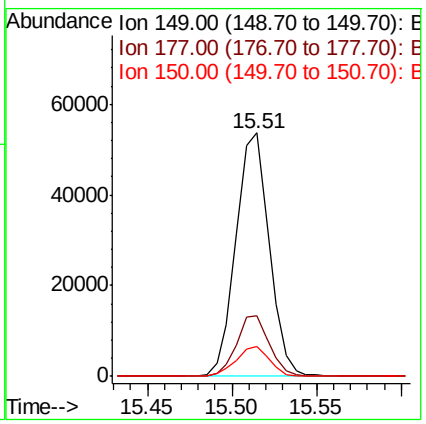


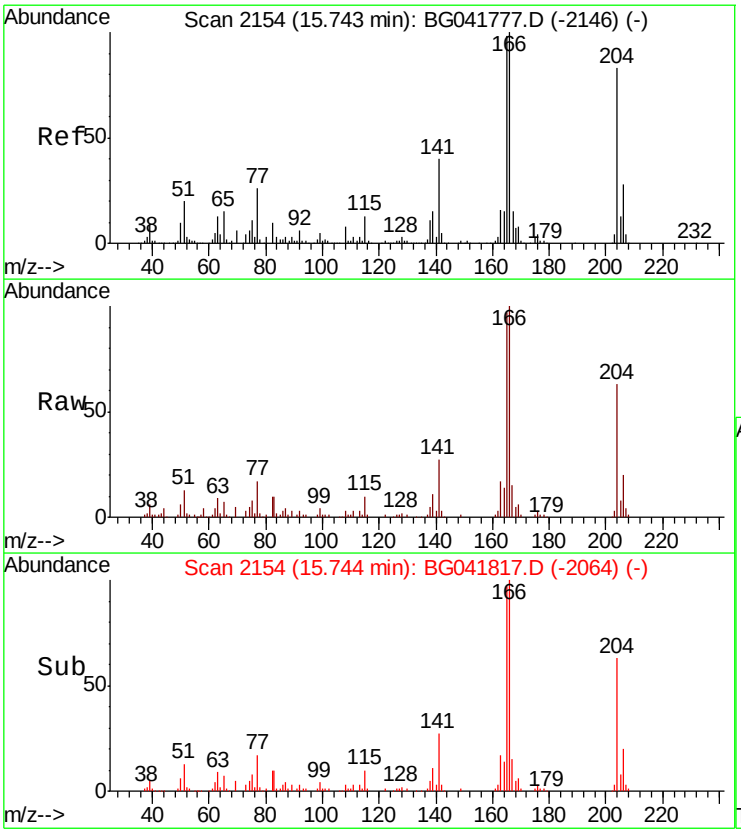
#60
Diethylphthalate
Concen: 5.383 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:149 Resp: 74028

Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.7	31.1
150	12.1	11.5	17.3

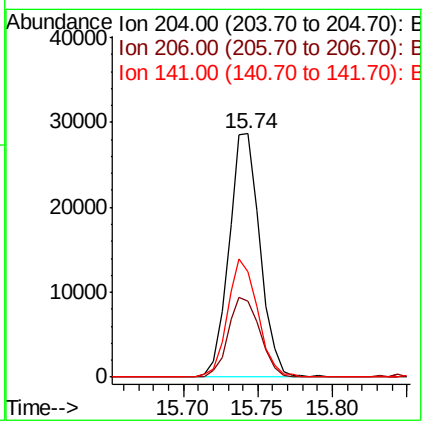


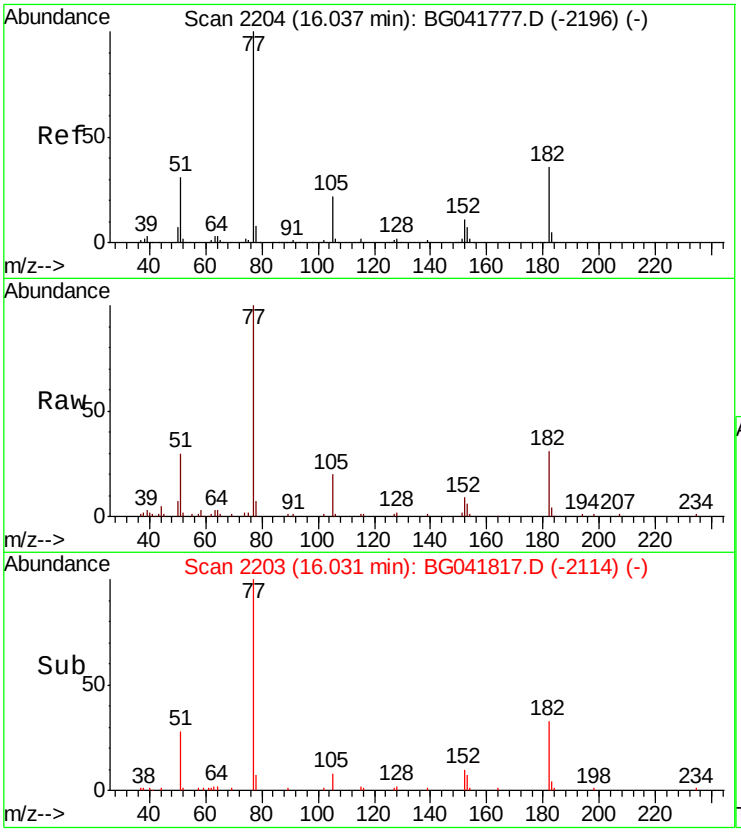


#61
4-Chlorophenyl-phenylether
Concen: 5.073 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:204 Resp: 41514

Ion	Ratio	Lower	Upper
204	100		
206	31.1	28.6	42.8
141	43.2	42.9	64.3



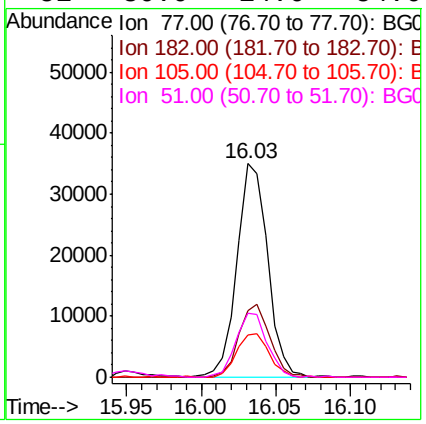


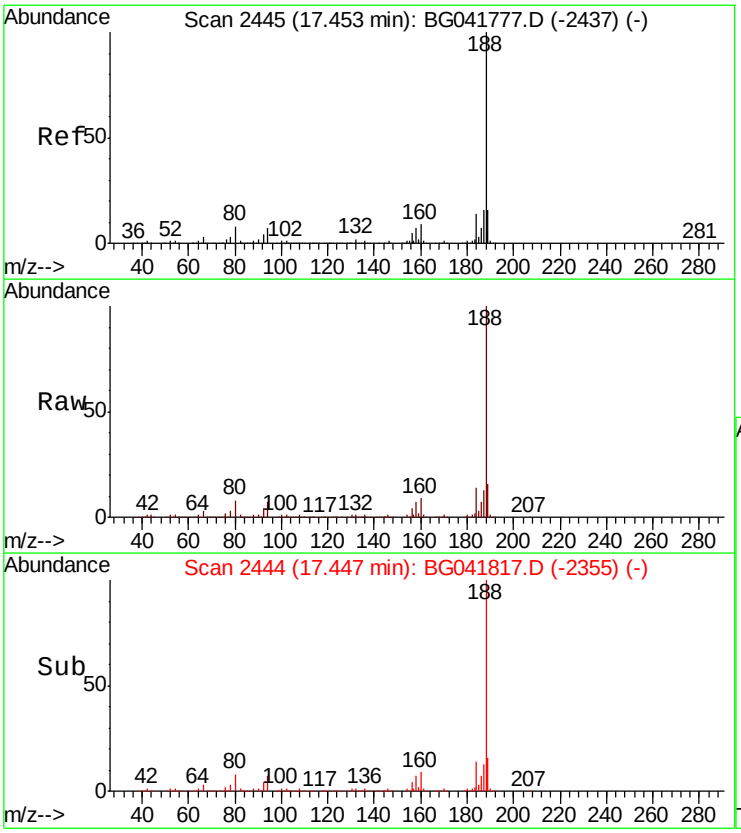
#63
Azobenzene
Concen: 4.469 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion: 77 Resp: 50197

Ion	Ratio	Lower	Upper
77	100		
182	31.1	13.2	53.2
105	19.8	2.2	42.2
51	30.0	14.6	54.6

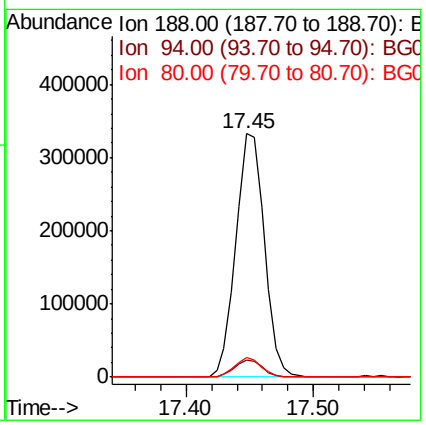


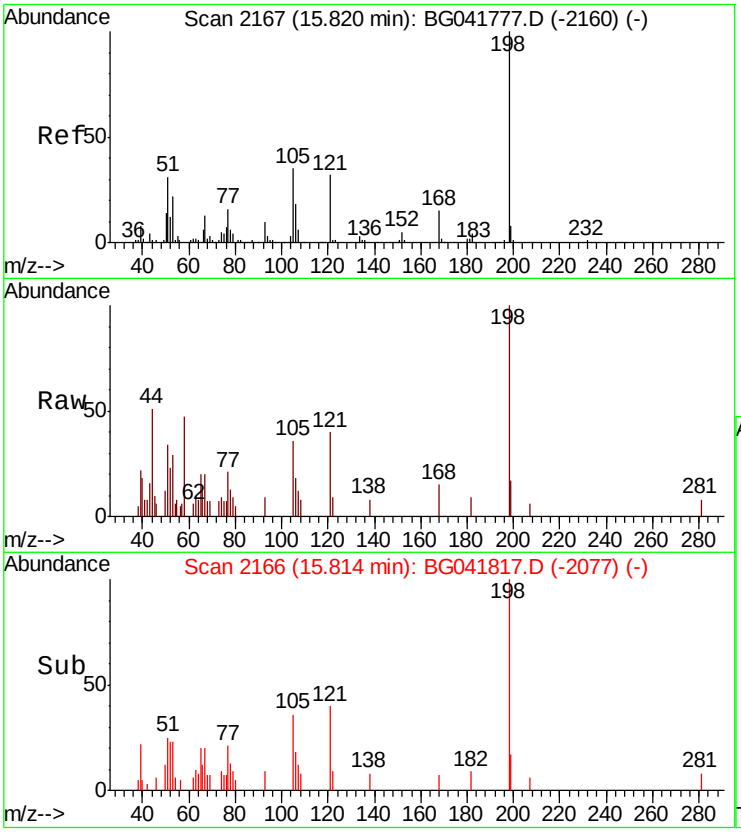


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:188 Resp: 519161

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.0	8.0	12.0



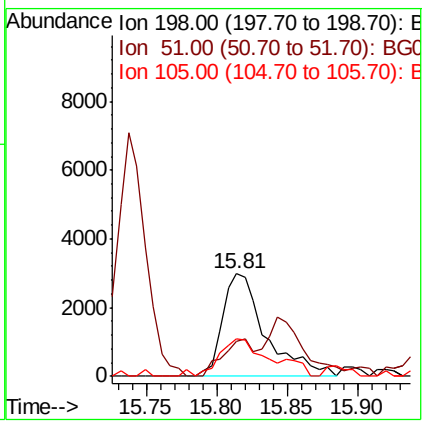


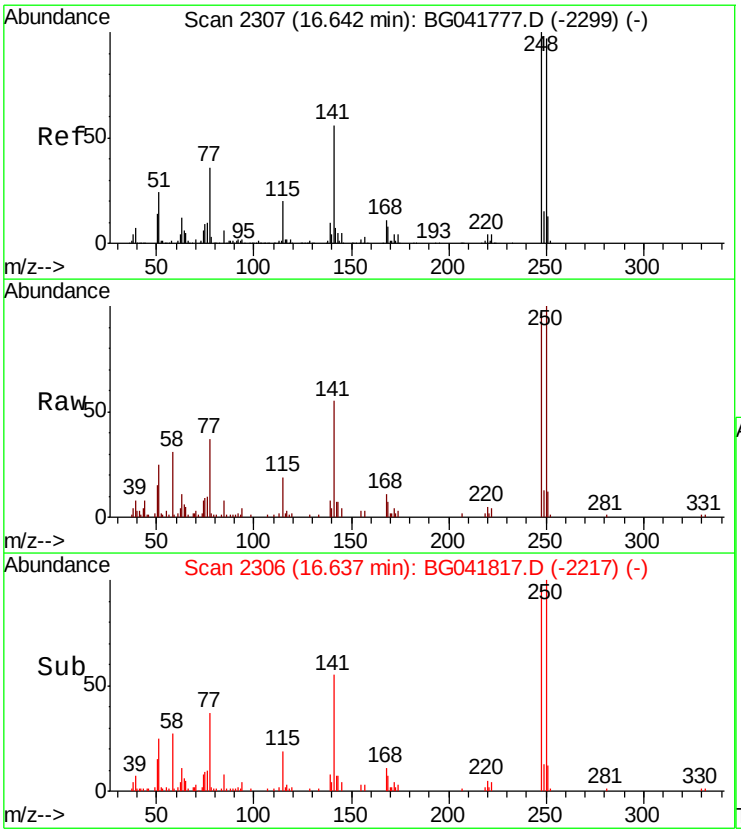
#65
4,6-Dinitro-2-methylphenol
Concen: 8.969 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:198 Resp: 6275

Ion	Ratio	Lower	Upper
198	100		
51	33.7	22.3	62.3
105	36.3	18.0	58.0

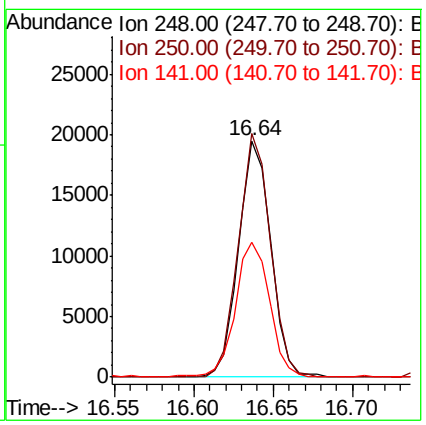


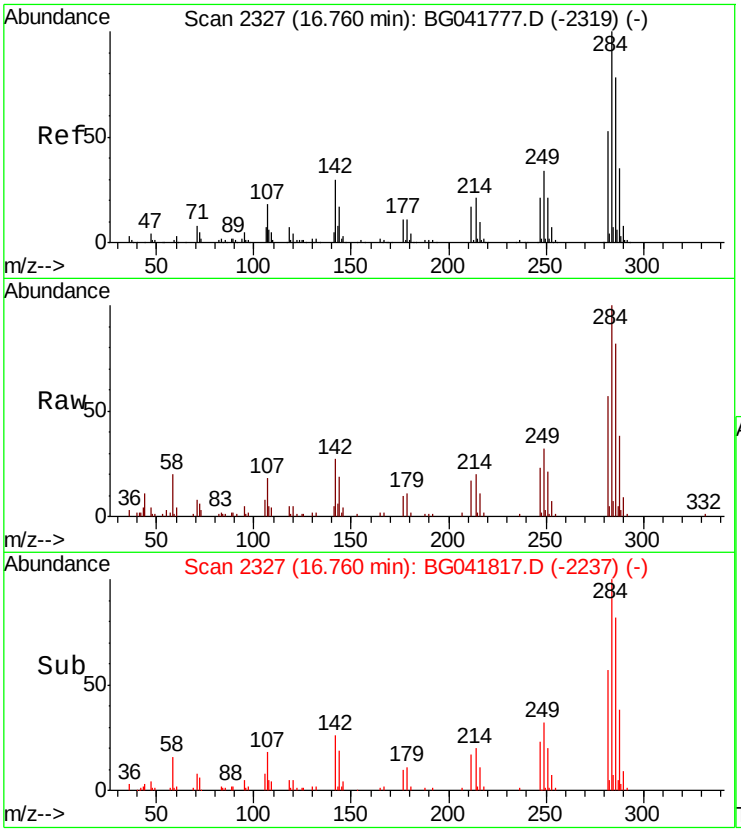


#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:248 Resp: 27521

Ion	Ratio	Lower	Upper
248	100		
250	103.1	78.1	117.1
141	57.0	49.6	74.4



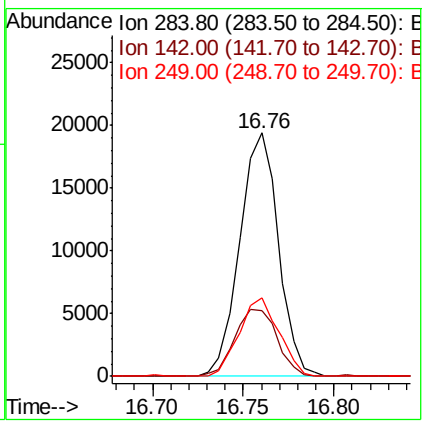


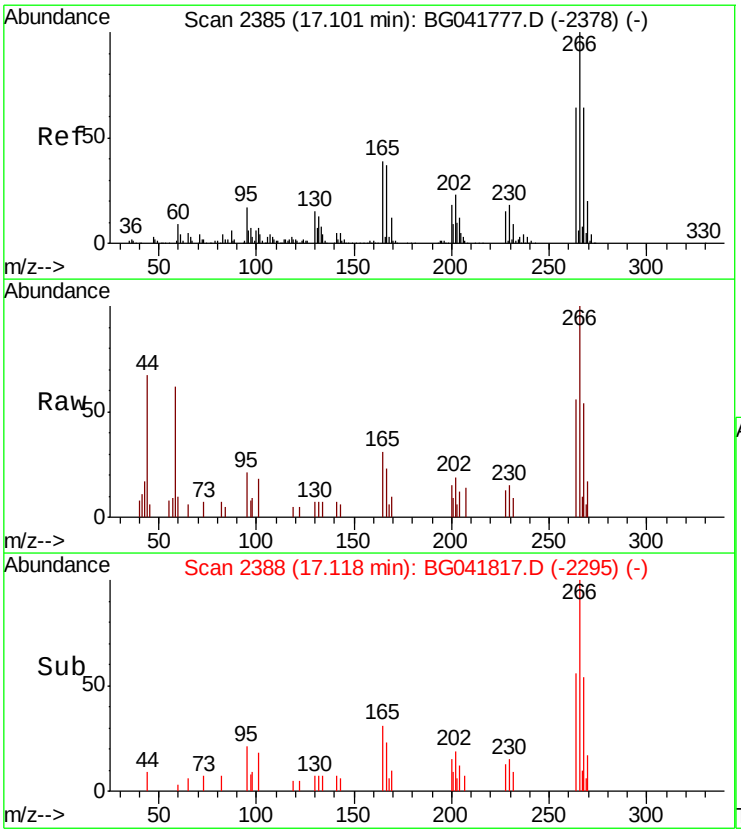
#68
Hexachlorobenzene
Concen: 4.293 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:284 Resp: 28721

Ion	Ratio	Lower	Upper
284	100		
142	27.0	27.0	40.6#
249	32.4	28.4	42.6

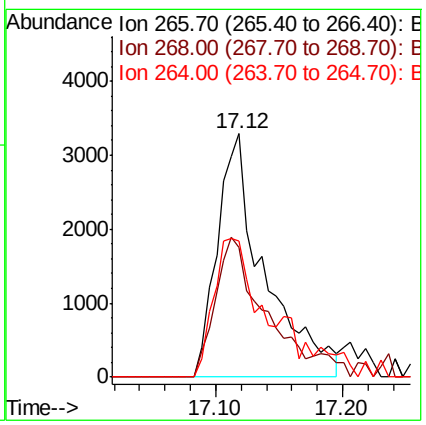


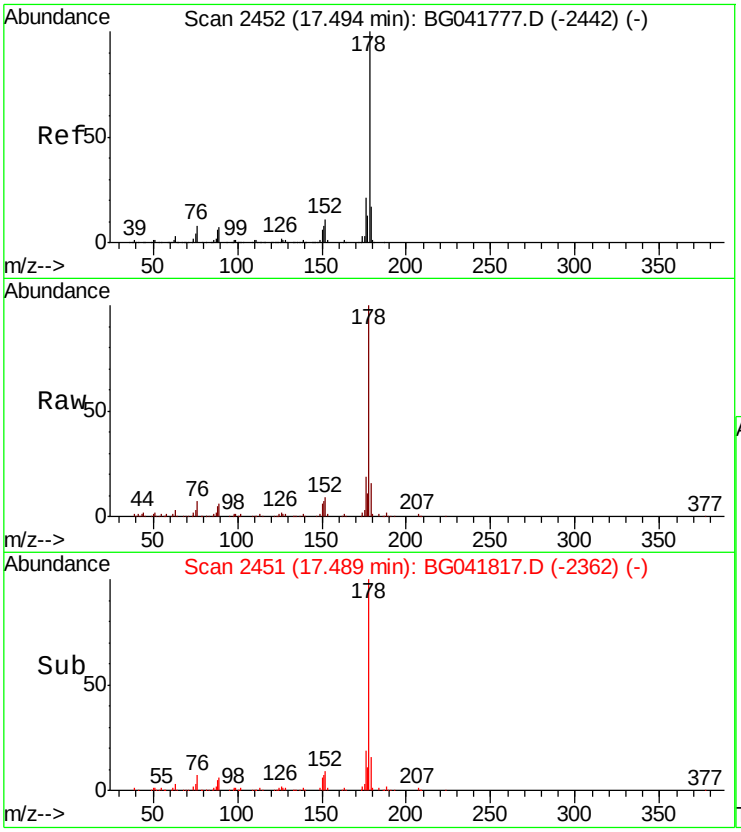


#70
Pentachlorophenol
Concen: 2.227 ng
RT: 17.12 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:266 Resp: 8465

Ion	Ratio	Lower	Upper
266	100		
268	53.5	52.9	79.3
264	55.9	51.4	77.2



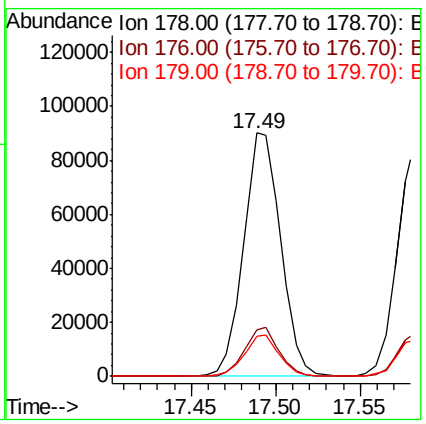


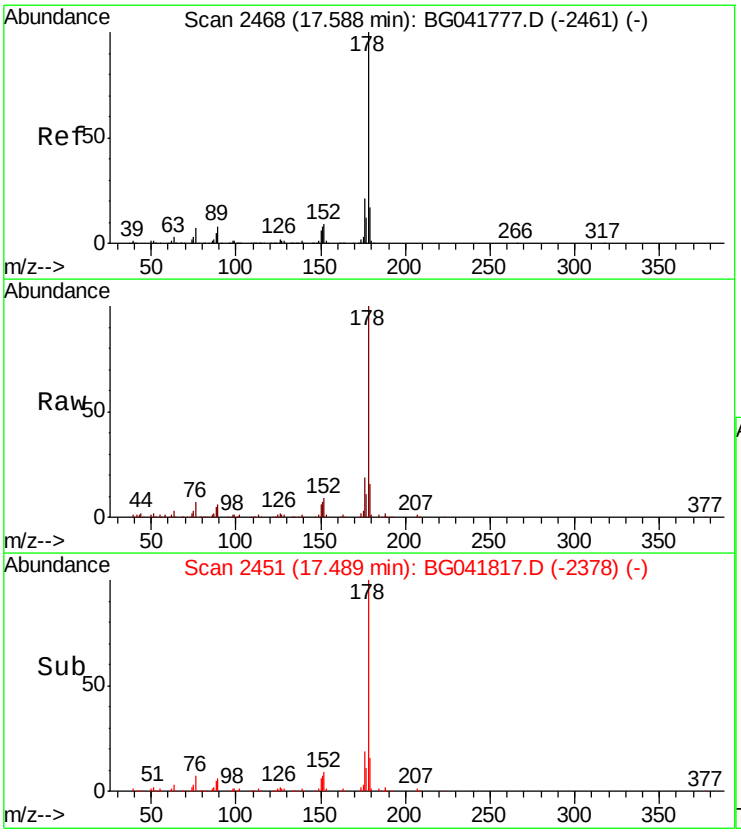
#71
Phenanthrene
Concen: 5.546 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:178 Resp: 138005

Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.6	28.0
179	16.4	15.4	23.0

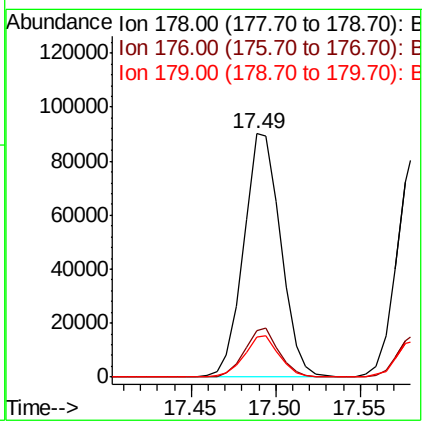


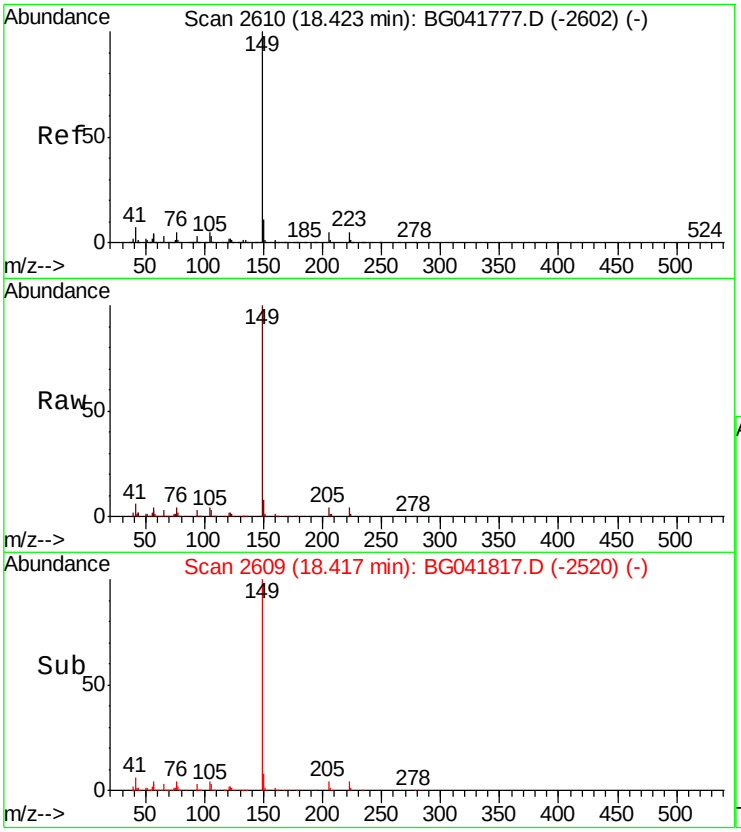


#72
Anthracene
Concen: 5.561 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.10 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:178 Resp: 138005

Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.6	28.0
179	16.4	15.1	22.7



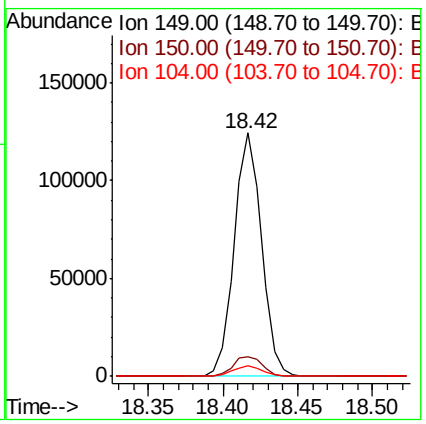


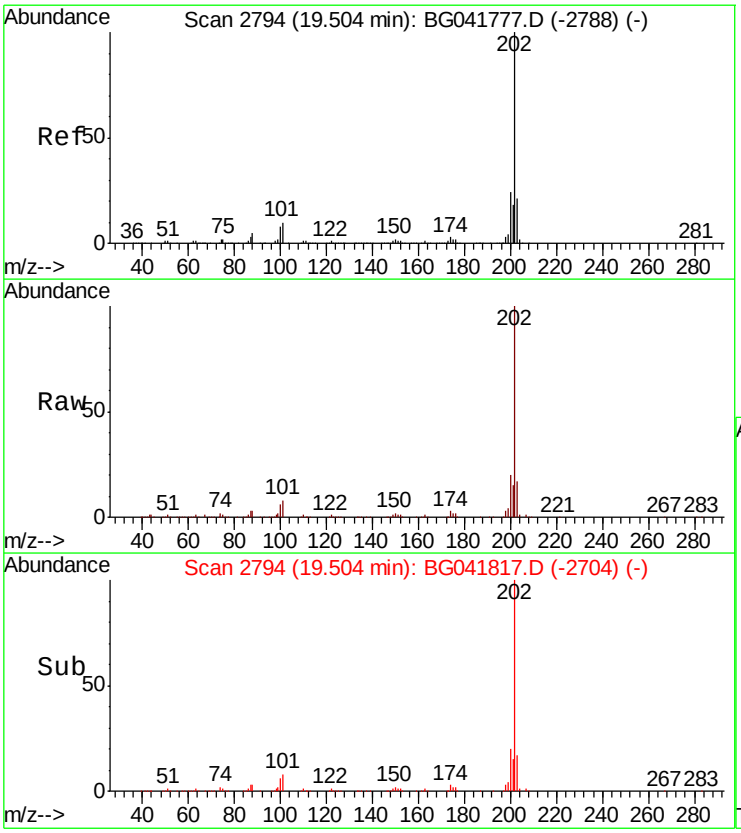
#74
Di-n-butylphthalate
Concen: 6.304 ng
RT: 18.42 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:149 Resp: 159199

Ion	Ratio	Lower	Upper
149	100		
150	8.2	10.2	15.2#
104	4.3	5.3	7.9#

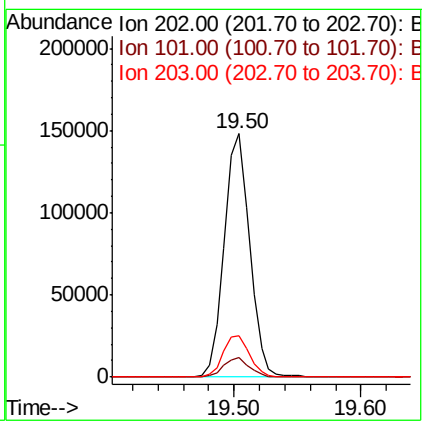


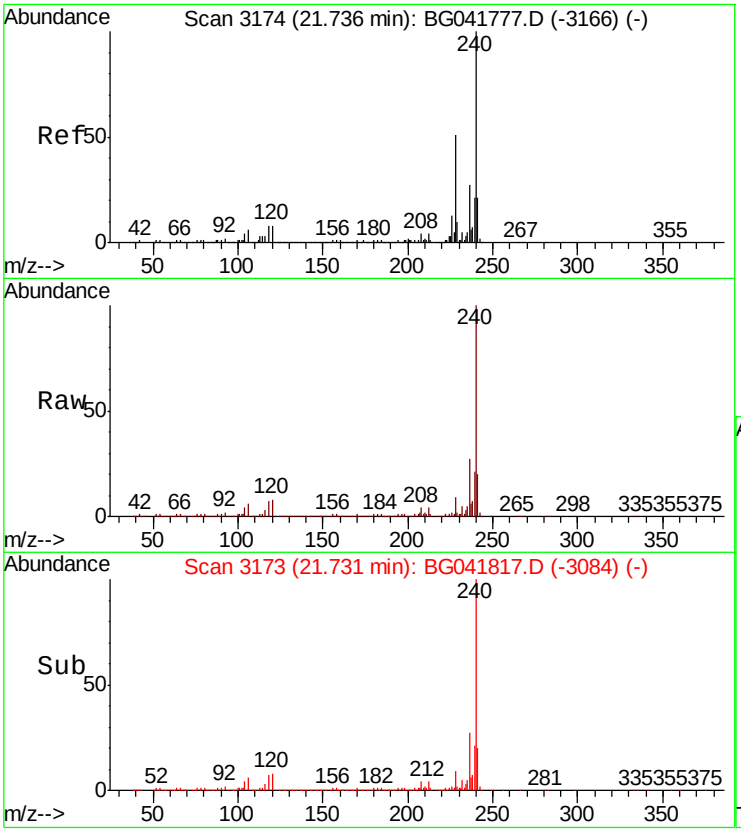


#75
Fluoranthene
Concen: 6.799 ng
RT: 19.50 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:202 Resp: 205652

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	32.8
203	17.2	3.7	43.7



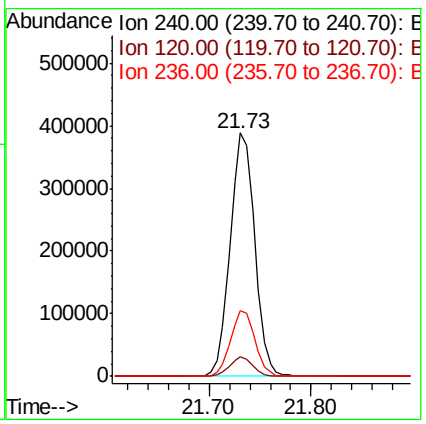


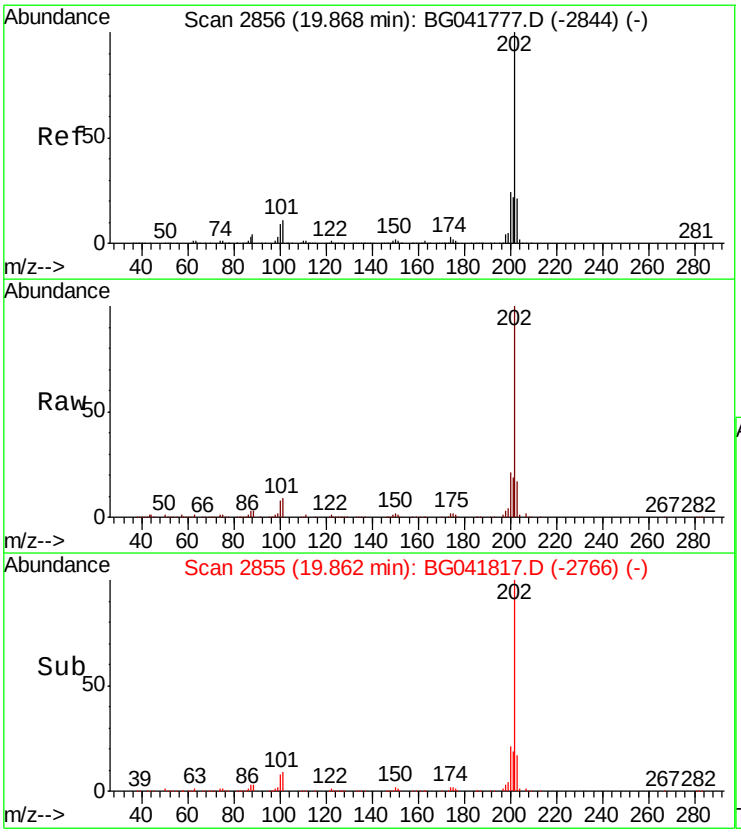
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:240 Resp: 653928

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0
236	27.1	22.6	33.8

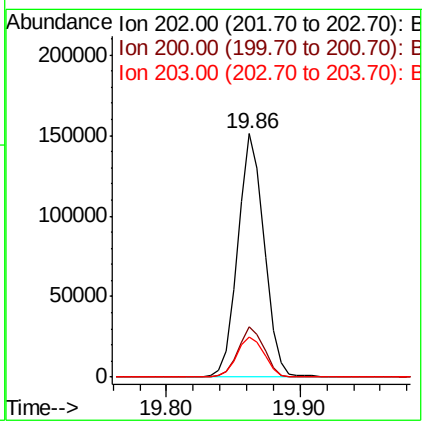


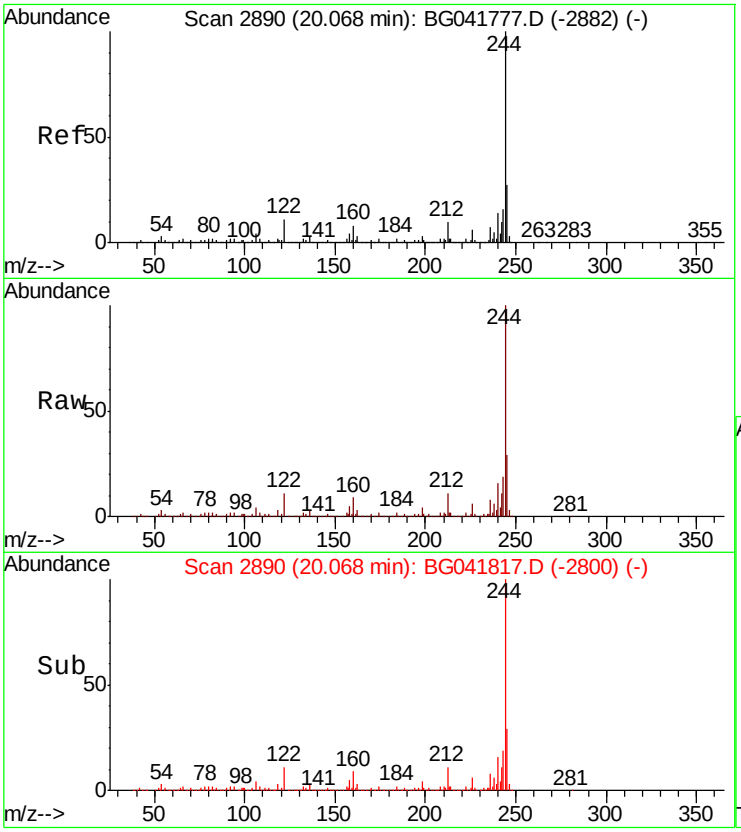


#78
Pyrene
Concen: 5.301 ng
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:202 Resp: 205372

Ion	Ratio	Lower	Upper
202	100		
200	20.7	22.2	33.2#
203	16.6	18.9	28.3#



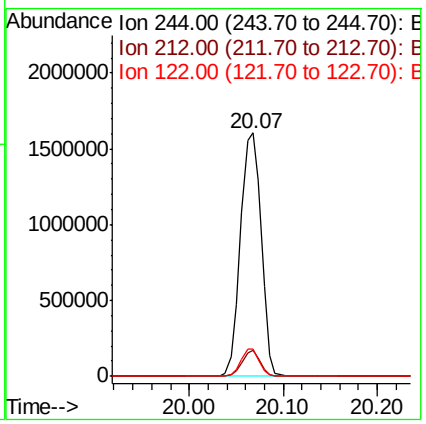


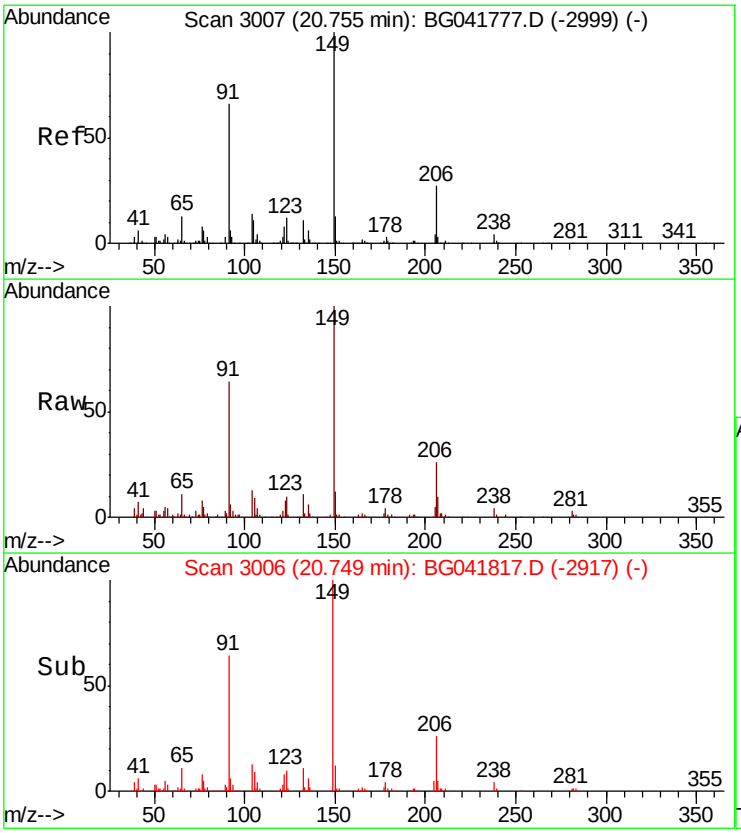
#79
Terphenyl-d14
Concen: 85.874 ng
RT: 20.07 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:244 Resp: 2454066

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.7	14.5
122	11.3	12.5	18.7#

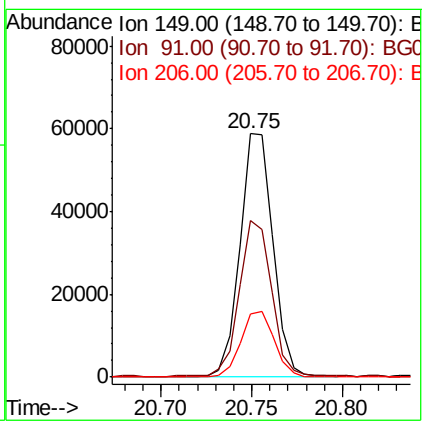


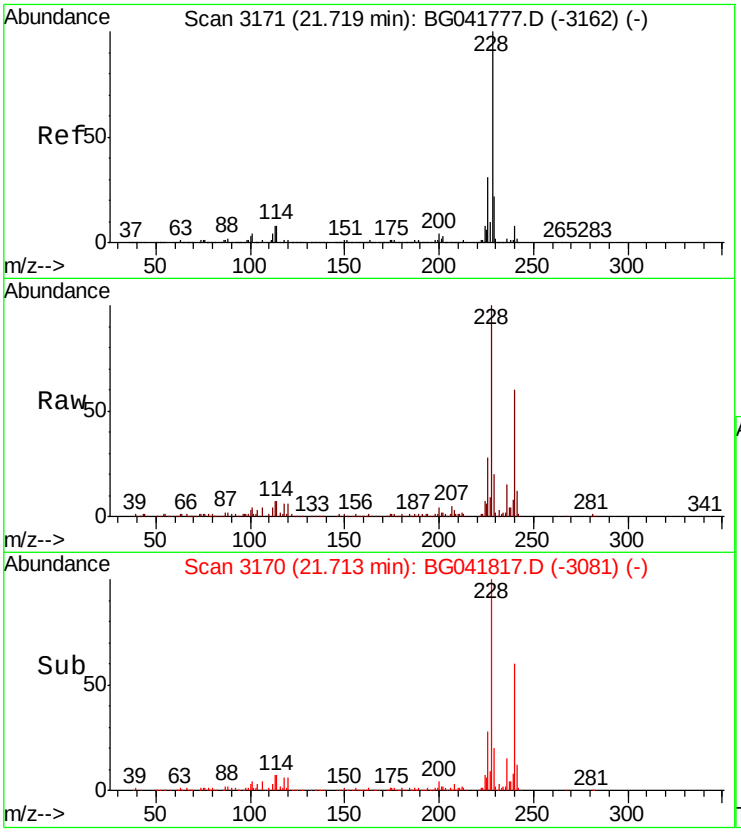


#80
Butylbenzylphthalate
Concen: 5.015 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:149 Resp: 74492

Ion	Ratio	Lower	Upper
149	100		
91	64.2	58.9	88.3
206	26.1	20.8	31.2



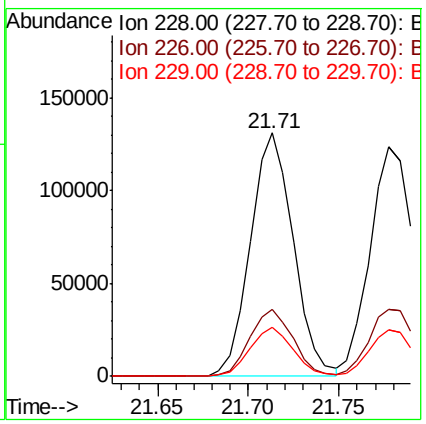


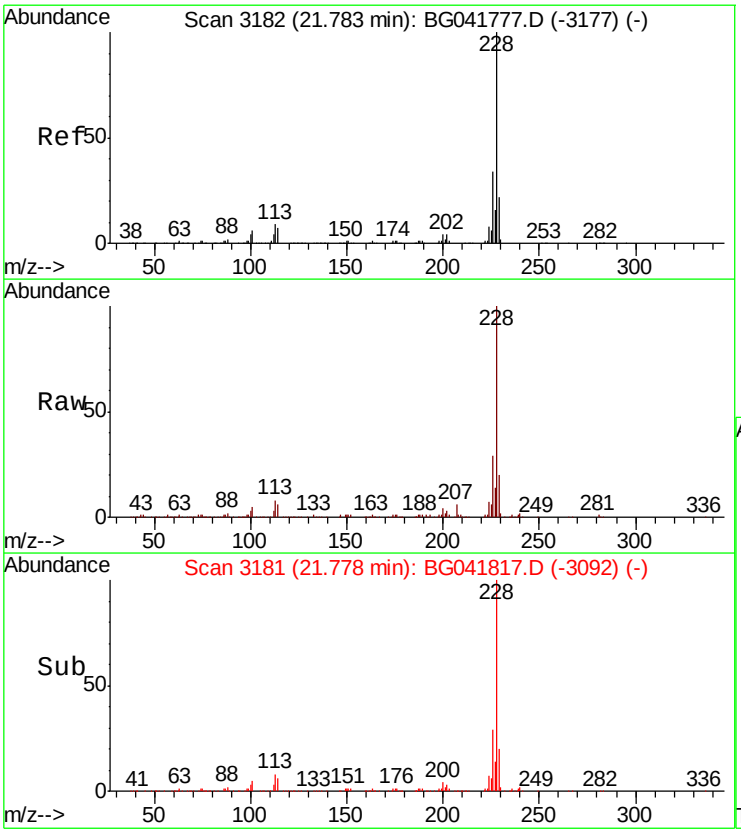
#81
Benzo(a)anthracene
Concen: 5.555 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:228 Resp: 214921

Ion	Ratio	Lower	Upper
228	100		
226	27.6	27.3	40.9
229	20.2	19.7	29.5

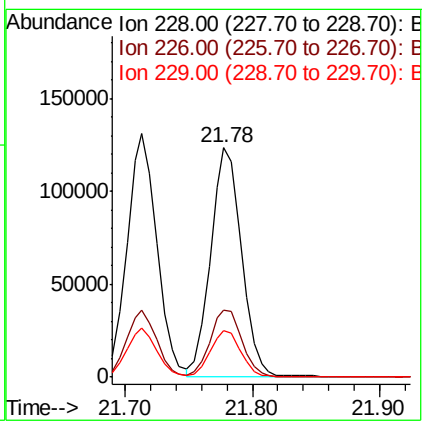


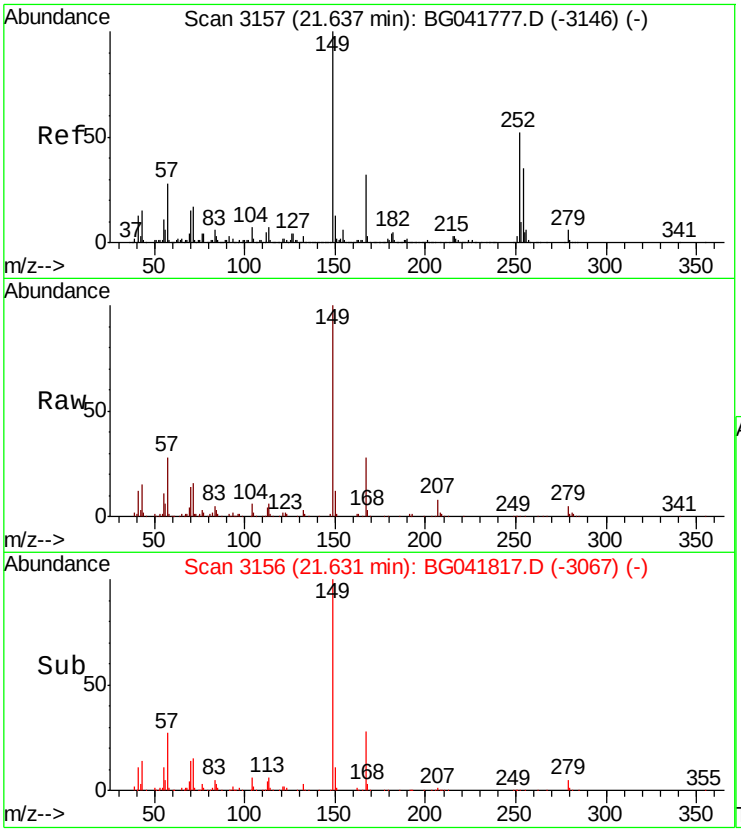


#83
Chrysene
Concen: 5.629 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:228 Resp: 208763

Ion	Ratio	Lower	Upper
228	100		
226	29.5	30.1	45.1#
229	20.5	19.8	29.6



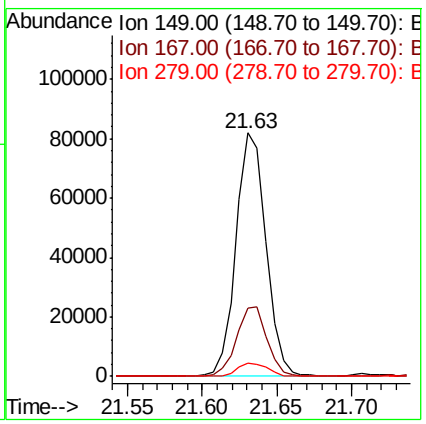


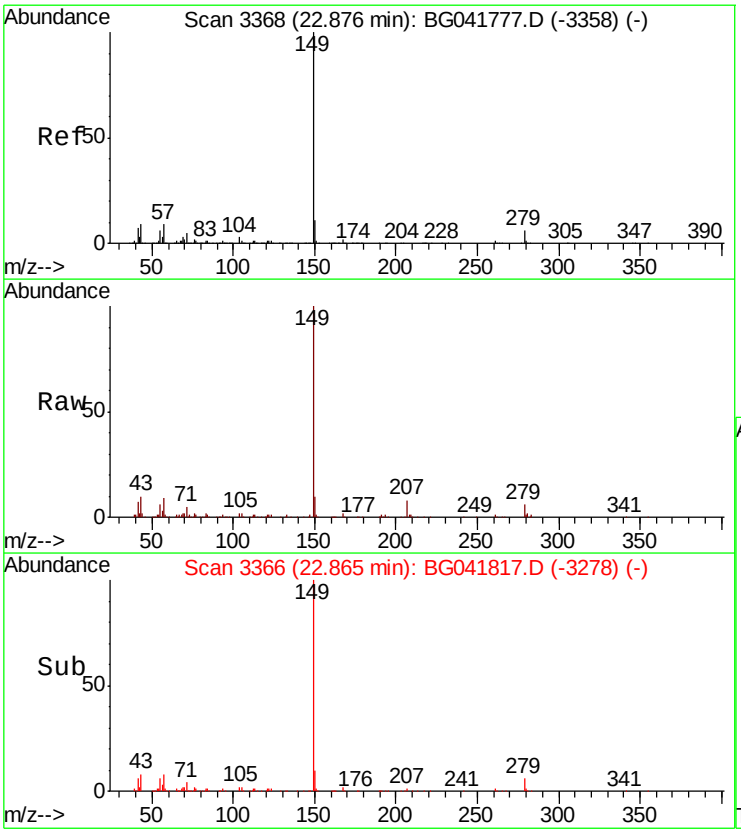
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.582 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:149 Resp: 114380

Ion	Ratio	Lower	Upper
149	100		
167	28.3	27.0	40.4
279	5.3	5.0	7.6

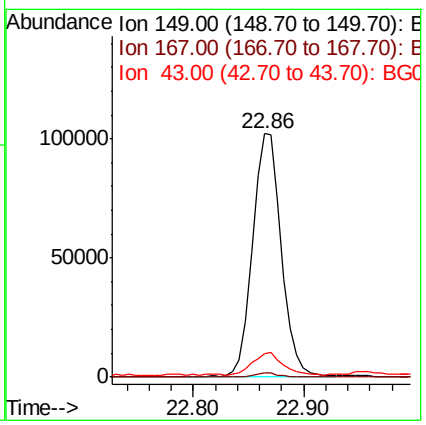


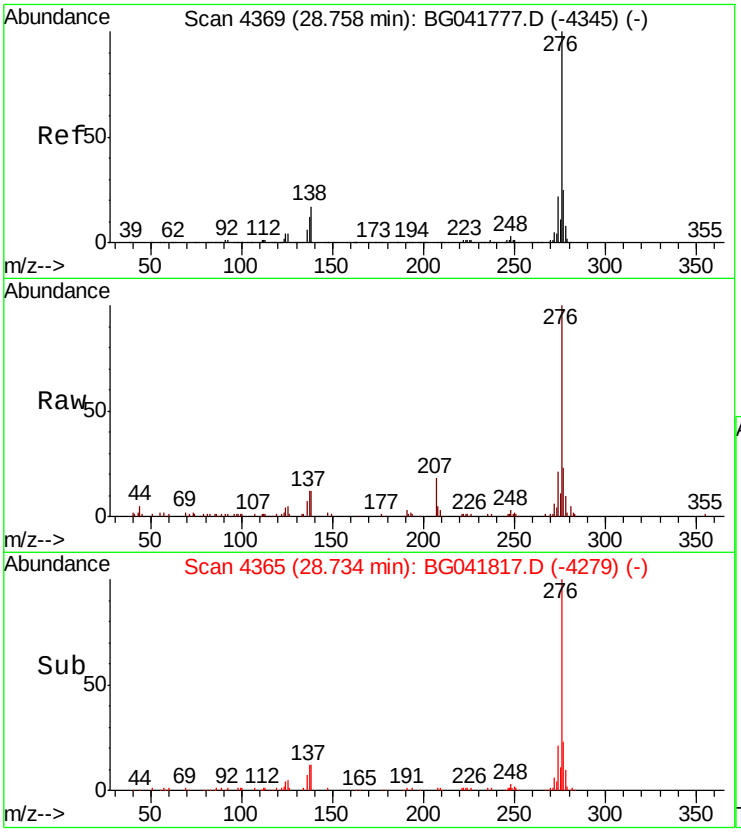


#85
Di-n-octyl phthalate
Concen: 5.412 ng
RT: 22.86 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:149 Resp: 186644

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.6	2.4
43	10.1	10.6	16.0#



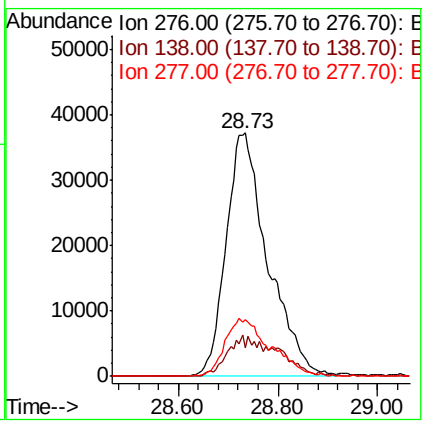


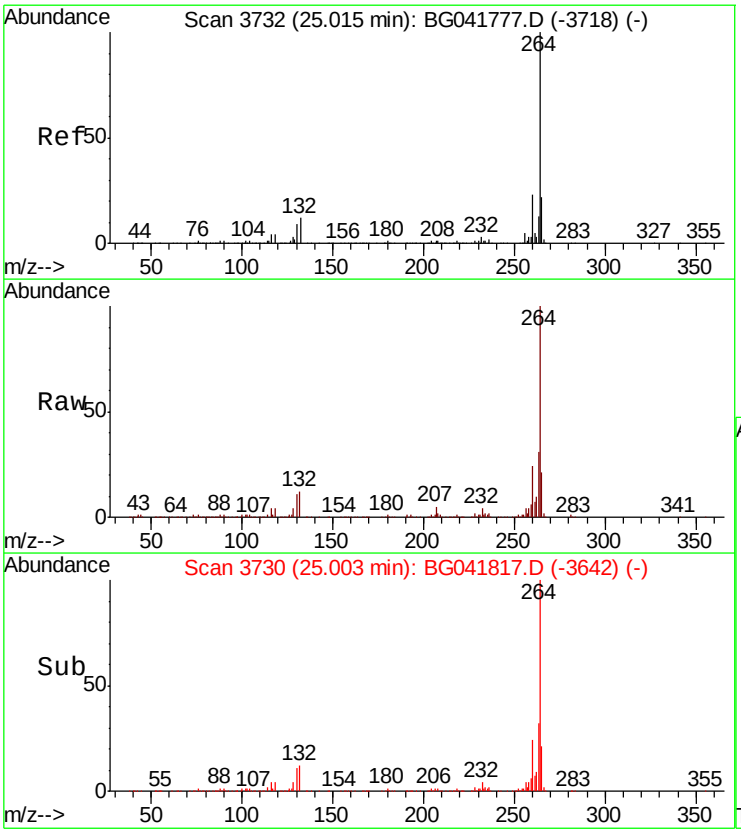
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.416 ng
RT: 28.73 min Scan# 4365
Delta R.T. -0.02 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:276 Resp: 216781

Ion	Ratio	Lower	Upper
276	100		
138	7.2	19.4	29.0#
277	25.6	21.2	31.8

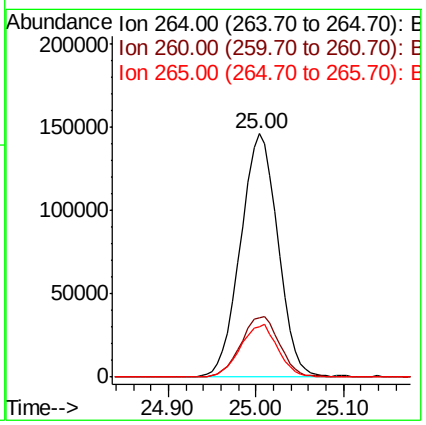


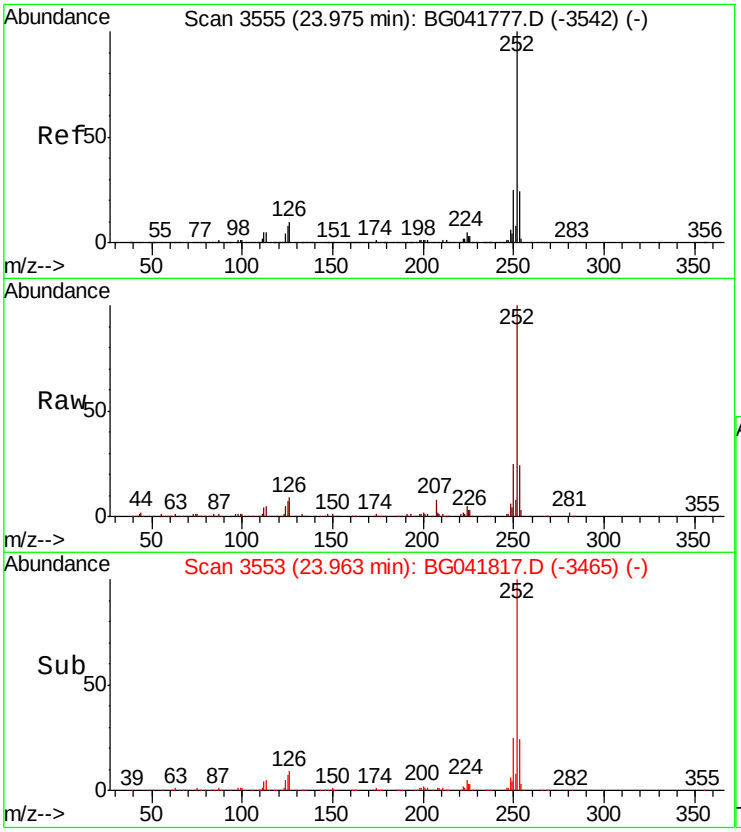


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:264 Resp: 424822

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.6	18.0	27.0



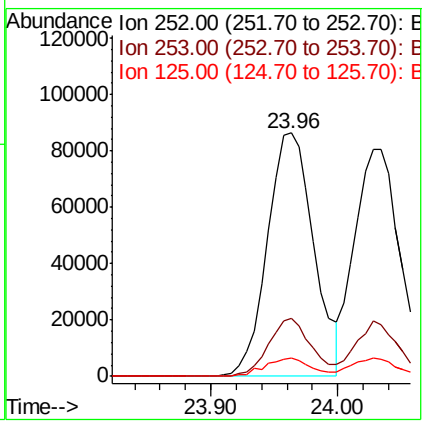


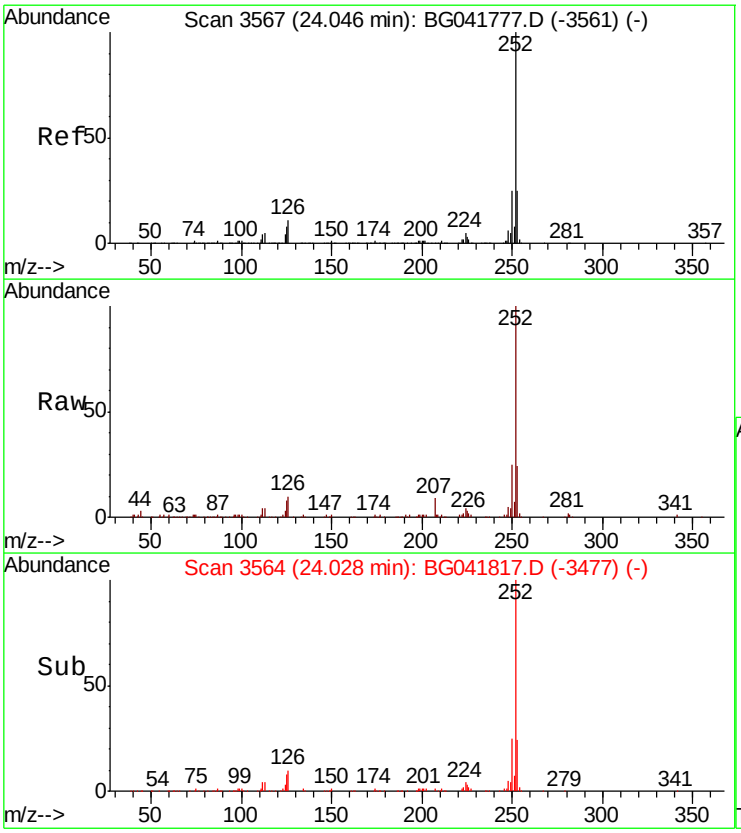
#88
Benzo(b)fluoranthene
Concen: 9.451 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:252 Resp: 219643

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.6	30.8
125	7.3	8.0	12.0#

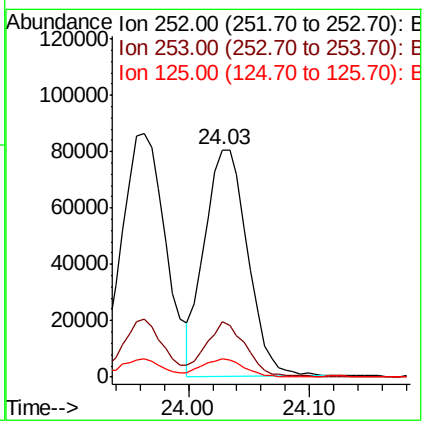


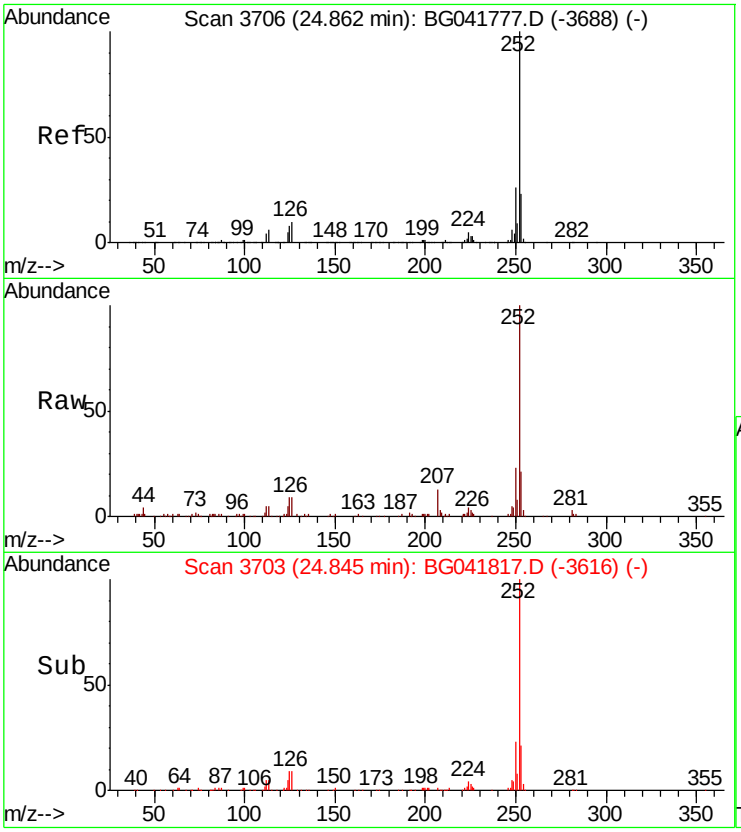


#89
Benzo(k)fluoranthene
Concen: 8.785 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:252 Resp: 198864

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.5	30.7
125	7.9	8.4	12.6#



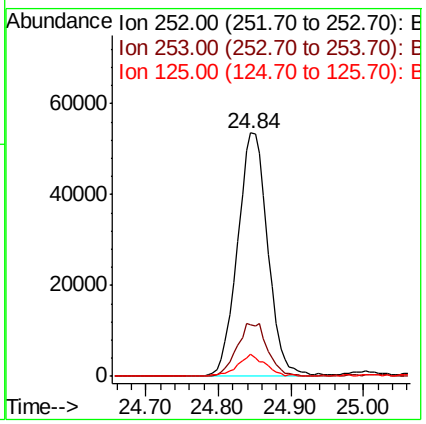


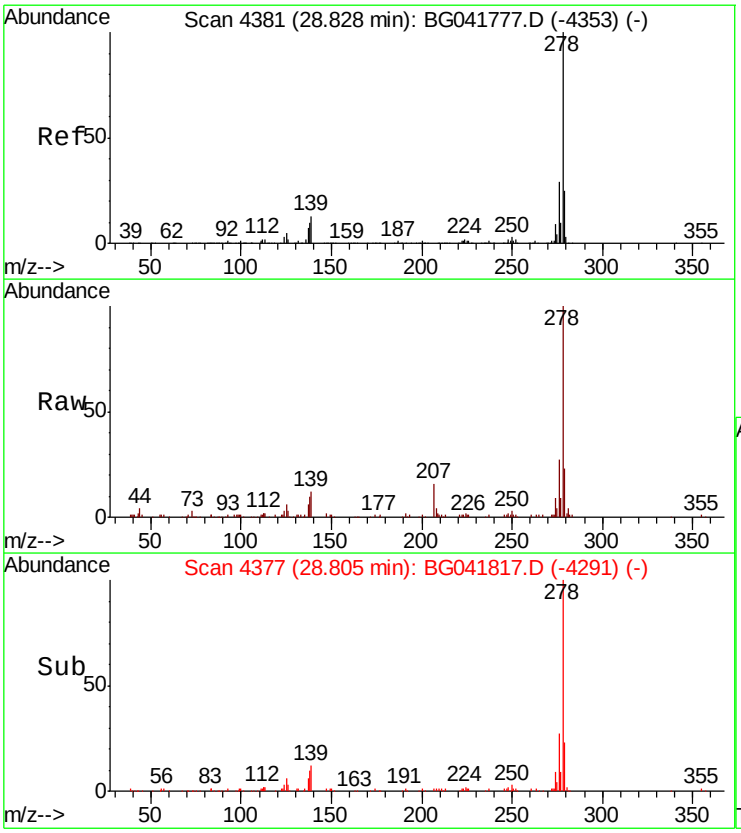
#90
Benzo(a)pyrene
Concen: 7.002 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:252 Resp: 156057

Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.8	29.8
125	9.2	8.8	13.2

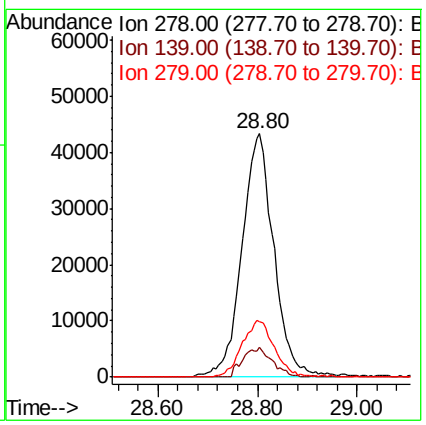


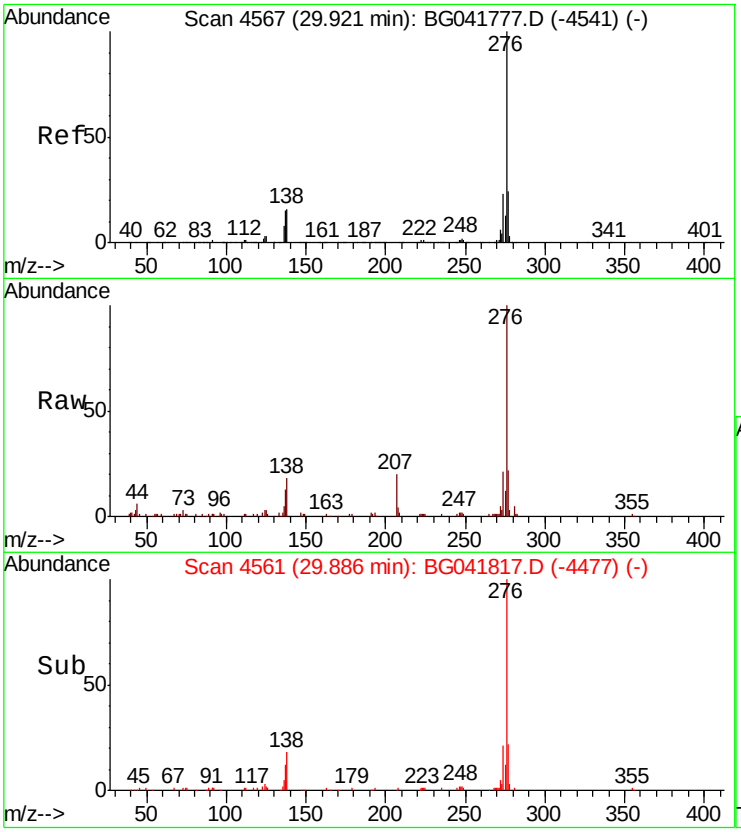


#91
Dibenzo(a,h)anthracene
Concen: 8.802 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.02 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Tgt Ion:278 Resp: 192635

Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	22.6	20.5	30.7





#92
Benzo(g,h,i)perylene
Concen: 7.966 ng
RT: 29.89 min Scan# 4561
Delta R.T. -0.04 min
Lab File: BG041817.D
Acq: 31 Jul 2019 1:04

Instrument :
BNA_G
ClientSampleId :
GW7-20190726

Tgt Ion:276 Resp: 174171

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.8
138	17.8	16.6	25.0