Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052375.D
Acq On : 11 Feb 2022 18:22
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Feb 12 01:33:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	22014	20.000	ng		0.00
21) Naphthalene-d8	11.066	136	95539	20.000	ng		0.00
39) Acenaphthene-d10	14.873	164	71236	20.000	ng		0.00
64) Phenanthrene-d10	17.622	188	181742	20.000	ng		0.00
76) Chrysene-d12	21.934	240	202407	20.000	ng		0.00
86) Perylene-d12	25.411	264	200422	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	135933	107.619	ng		0.00
7) Phenol-d6	7.371	99	195511	100.319	ng		0.00
23) Nitrobenzene-d5	9.398	82	153392	69.779	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	113581	110.982	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	373575	72.870	ng		0.00
79) Terphenyl-d14	20.213	244	799685	69.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	2638	4.536	ng	#	90
3) Pyridine	4.005	79	7008	4.155	ng		96
4) n-Nitrosodimethylamine	3.911	42	3909	4.488	ng		93
6) Aniline	7.536	93	11589	5.118	ng		92
8) 2-Chlorophenol	7.788	128	6283	4.522	ng		92
9) Benzaldehyde	7.348	77	7739	6.469	ng		91
10) Phenol	7.400	94	9680	4.999	ng		93
11) bis(2-Chloroethyl)ether	7.624	93	7272	4.913	ng	#	79
12) 1,3-Dichlorobenzene	8.117	146	8298	5.241	ng		99
13) 1,4-Dichlorobenzene	8.264	146	8264	5.120	ng		91
14) 1,2-Dichlorobenzene	8.117	146	8298	5.213	ng		94
15) Benzyl Alcohol	8.464	79	7007	4.332	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.746	45	10209	4.777	ng		84
17) 2-Methylphenol	8.669	107	6068	4.749	ng		91
18) Hexachloroethane	9.327	117	2966	5.285	ng	#	78
19) n-Nitroso-di-n-propyla...	9.028	70	7222	4.915	ng		91
20) 3+4-Methylphenols	8.992	107	7926	4.336	ng		80
22) Acetophenone	9.051	105	12253	4.853	ng	#	92
24) Nitrobenzene	9.439	77	11182	5.363	ng		99
25) Isophorone	9.962	82	19373	5.179	ng		97
26) 2-Nitrophenol	10.161	139	4192	4.743	ng	#	88
27) 2,4-Dimethylphenol	10.220	122	7036	5.377	ng	#	76
28) bis(2-Chloroethoxy)met...	10.443	93	10202	4.806	ng		94
29) 2,4-Dichlorophenol	10.714	162	6697	4.270	ng		96
30) 1,2,4-Trichlorobenzene	10.925	180	8658	4.727	ng	#	93
31) Naphthalene	11.119	128	25320	5.055	ng		96
32) Benzoic acid	10.338	122	788	1.025	ng	#	59
33) 4-Chloroaniline	11.219	127	9660	4.620	ng		96
34) Hexachlorobutadiene	11.401	225	5598	4.526	ng		94
35) Caprolactam	11.953	113	2670	4.671	ng	#	65
36) 4-Chloro-3-methylphenol	12.335	107	7874	4.413	ng	#	95
37) 2-Methylnaphthalene	12.711	142	18355	4.934	ng		96
38) 1-Methylnaphthalene	12.711	142	18355	5.092	ng		92
40) 1,2,4,5-Tetrachloroben...	13.075	216	11341	4.840	ng	#	96
41) Hexachlorocyclopentadiene	13.058	237	2050	2.072	ng	#	65
43) 2,4,6-Trichlorophenol	13.310	196	5854	3.820	ng		90

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052375.D
Acq On : 11 Feb 2022 18:22
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Feb 12 01:33:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	7324	4.410	ng		95
46) 1,1'-Biphenyl	13.704	154	26685	5.109	ng		95
47) 2-Chloronaphthalene	13.751	162	19798	4.919	ng		98
48) 2-Nitroaniline	13.950	65	6484	4.525	ng		94
49) Acenaphthylene	14.597	152	34310	5.237	ng		98
50) Dimethylphthalate	14.309	163	27119	4.970	ng	#	93
51) 2,6-Dinitrotoluene	14.432	165	5777	4.906	ng	#	80
52) Acenaphthene	14.937	154	18758	4.372	ng		99
53) 3-Nitroaniline	14.767	138	5671	4.633	ng		80
54) 2,4-Dinitrophenol	14.990	184	709	1.110	ng		87
55) Dibenzofuran	15.266	168	33089	4.904	ng		99
56) 4-Nitrophenol	15.090	139	3011	3.276	ng	#	73
57) 2,4-Dinitrotoluene	15.219	165	8331	4.971	ng	#	88
58) Fluorene	15.918	166	26894	4.993	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.495	232	6431	4.054	ng	#	97
60) Diethylphthalate	15.666	149	26853	4.871	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.901	204	14863	4.844	ng		99
62) 4-Nitroaniline	15.924	138	6275	4.870	ng	#	78
63) Azobenzene	16.194	77	28154	4.989	ng		89
65) 4,6-Dinitro-2-methylph...	15.989	198	3010	2.753	ng		97
66) n-Nitrosodiphenylamine	16.112	169	23884	4.770	ng		100
67) 4-Bromophenyl-phenylether	16.800	248	9683	4.381	ng		91
68) Hexachlorobenzene	16.929	284	11038	4.605	ng		99
69) Atrazine	17.052	200	9718	4.800	ng		98
70) Pentachlorophenol	17.287	266	2519	2.148	ng	#	77
71) Phenanthrene	17.757	178	47227	5.041	ng		93
72) Anthracene	17.757	178	47227	5.144	ng		94
73) Carbazole	18.021	167	42730	4.772	ng		99
74) Di-n-butylphthalate	18.562	149	48787	5.001	ng		99
75) Fluoranthene	19.666	202	60444	5.067	ng		96
77) Benzidine	19.837	184	32273	7.462	ng	#	94
78) Pyrene	20.030	202	64756	4.781	ng		97
80) Butylbenzylphthalate	20.894	149	21460	4.562	ng		98
81) Benzo(a)anthracene	21.916	228	67091	5.009	ng		96
82) 3,3'-Dichlorobenzidine	21.816	252	23040	4.927	ng		98
83) Chrysene	21.987	228	59951	4.723	ng		96
84) Bis(2-ethylhexyl)phtha...	21.793	149	31941	4.896	ng		98
85) Di-n-octyl phthalate	23.085	149	52971	4.843	ng		96
87) Indeno(1,2,3-cd)pyrene	29.406	276	65766	4.484	ng	#	87
88) Benzo(b)fluoranthene	24.295	252	64316	5.150	ng		99
89) Benzo(k)fluoranthene	24.366	252	62806	5.091	ng		99
90) Benzo(a)pyrene	25.241	252	59030	5.595	ng		96
91) Dibenzo(a,h)anthracene	29.471	278	59088	4.877	ng	#	92
92) Benzo(g,h,i)perylene	30.651	276	56302	4.735	ng		97

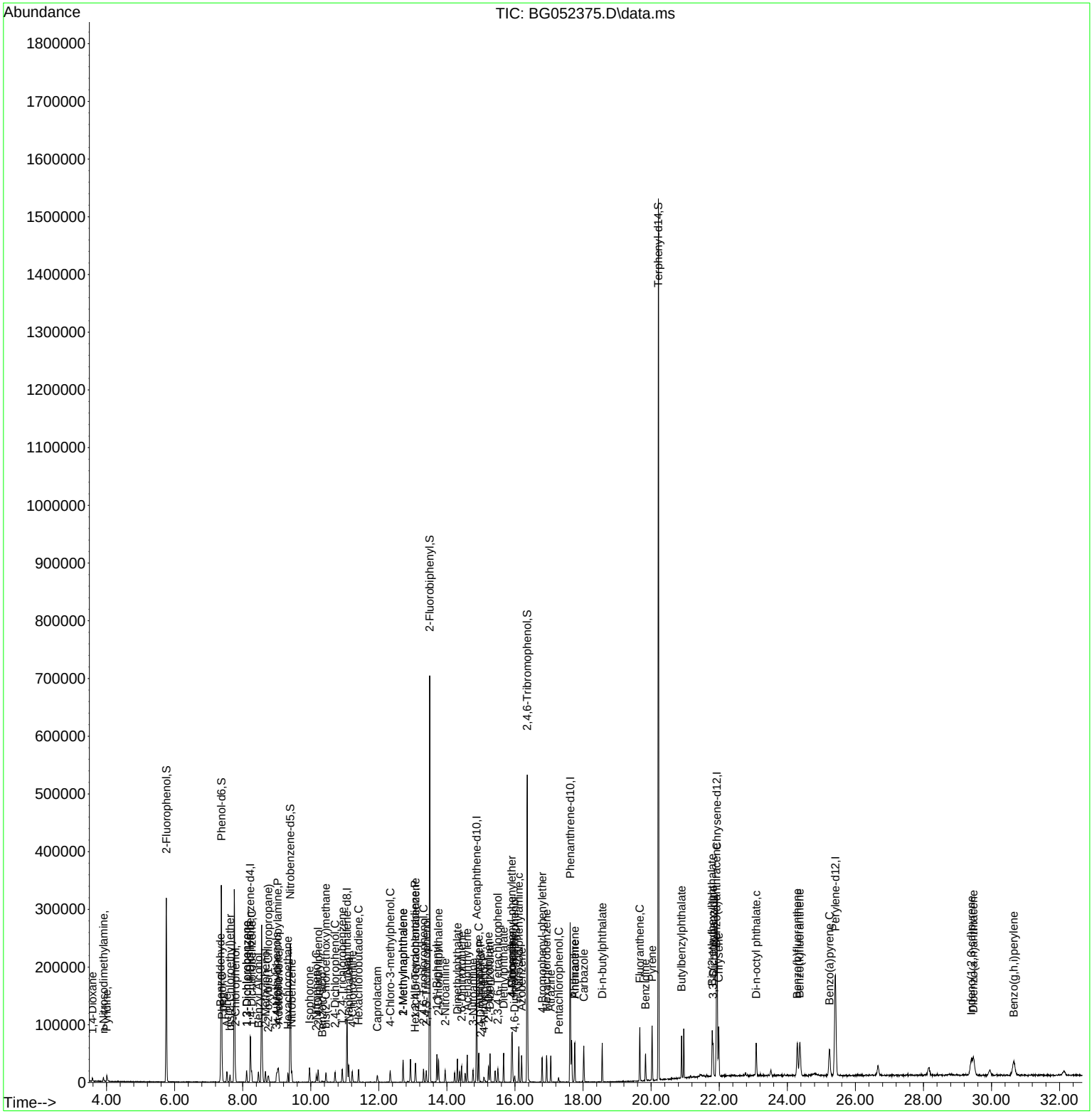
(#) = qualifier out of range (m) = manual integration (+) = signals summed

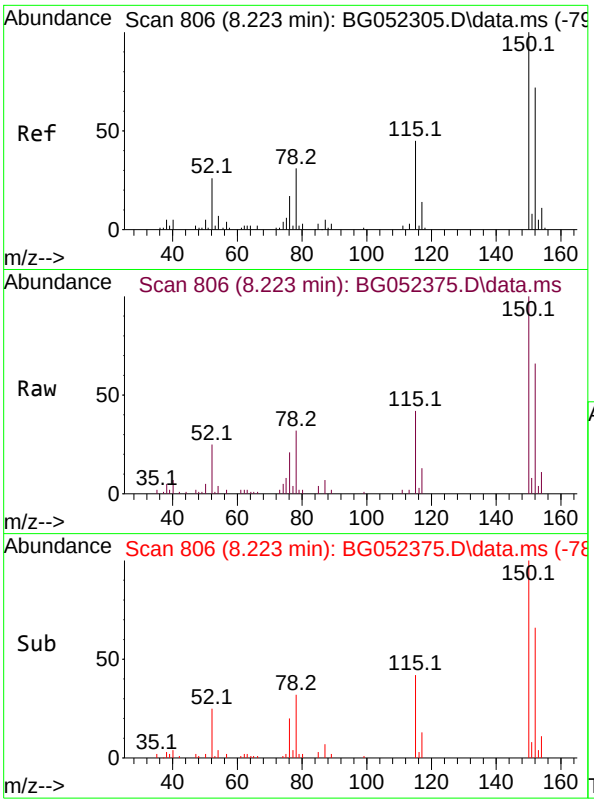
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052375.D
Acq On : 11 Feb 2022 18:22
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Feb 12 01:33:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration



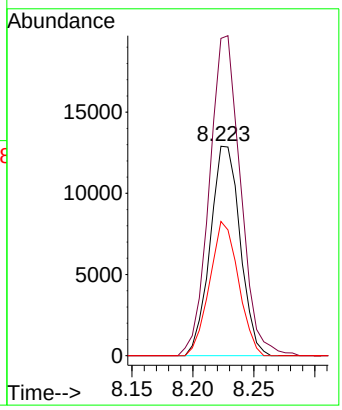


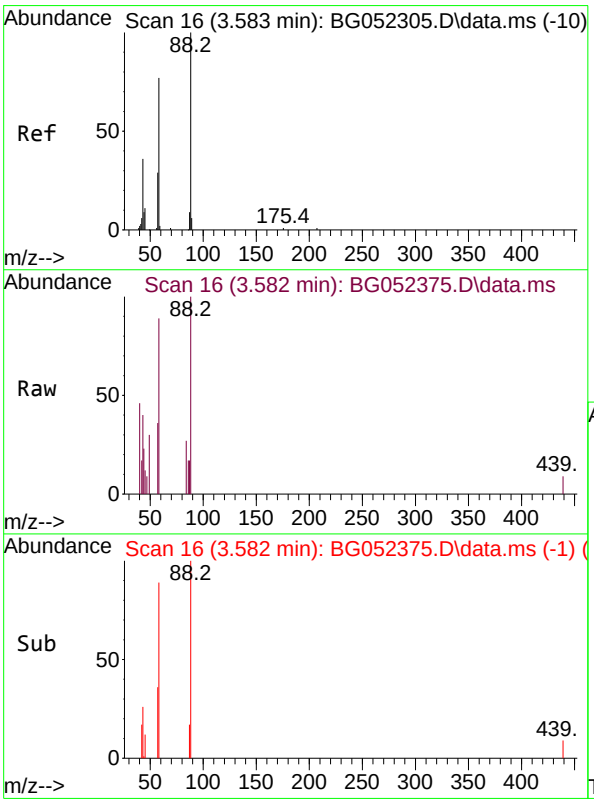
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:152 Resp: 22014

Ion	Ratio	Lower	Upper
152	100		
150	151.5	117.8	176.8
115	64.1	50.2	75.2

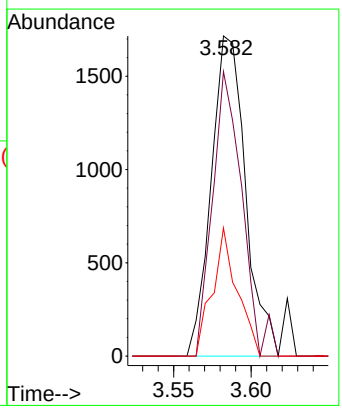


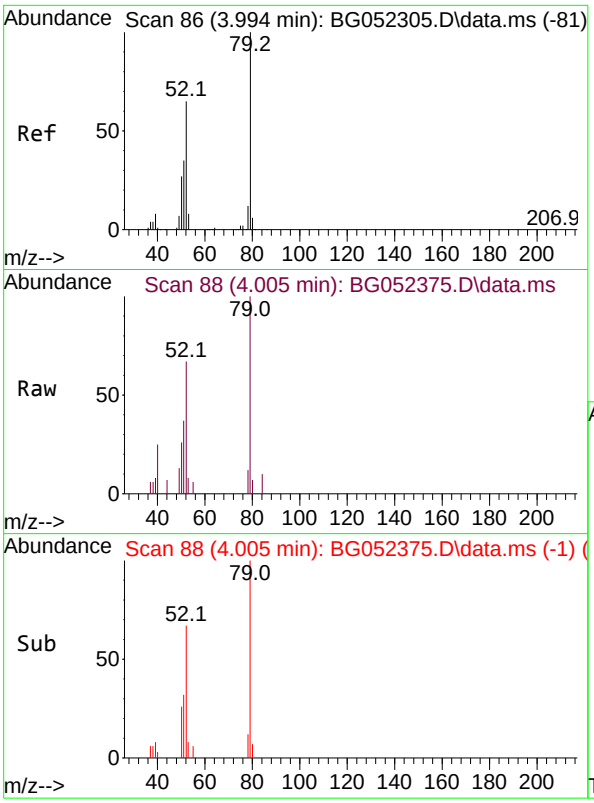


#2
1,4-Dioxane
Concen: 4.536 ng
RT: 3.582 min Scan# 16
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 88 Resp: 2638

Ion	Ratio	Lower	Upper
88	100		
58	76.3	65.8	98.8
43	29.0	31.6	47.4#



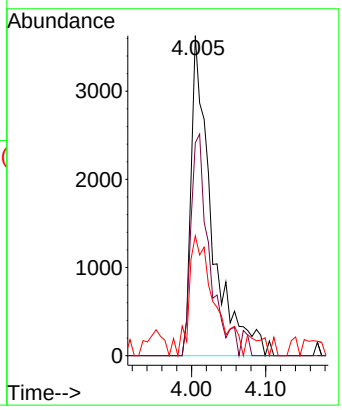


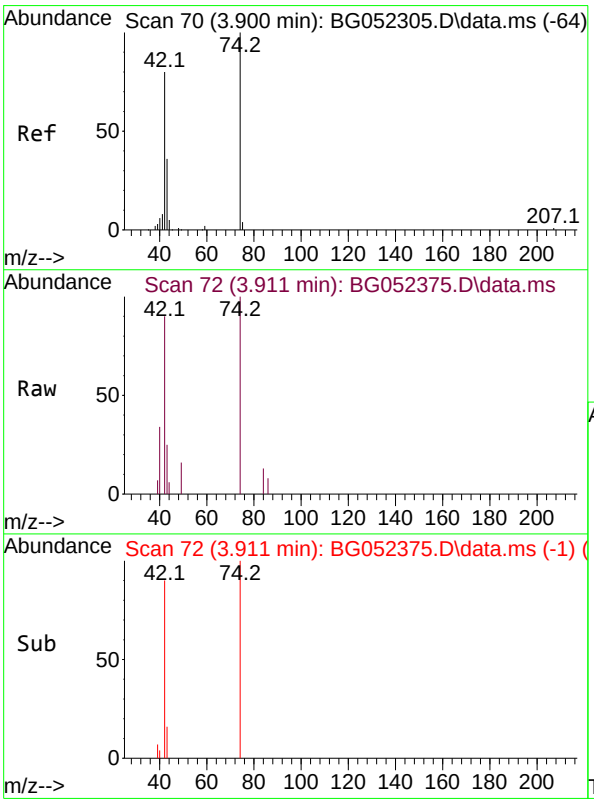
#3
Pyridine
Concen: 4.155 ng
RT: 4.005 min Scan# 8
Delta R.T. 0.011 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 79 Resp: 7008

Ion	Ratio	Lower	Upper
79	100		
52	66.5	55.0	82.6
51	37.5	32.5	48.7

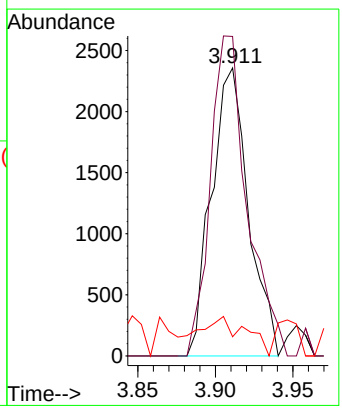


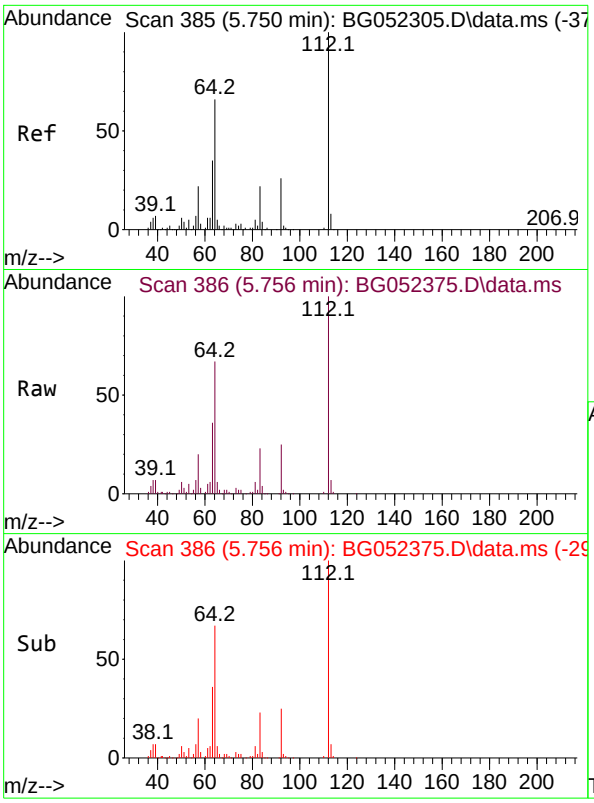


#4
n-Nitrosodimethylamine
Concen: 4.488 ng
RT: 3.911 min Scan# 72
Delta R.T. 0.011 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 42 Resp: 3909

Ion	Ratio	Lower	Upper
42	100		
74	110.9	83.0	124.4
44	6.7	5.0	7.6



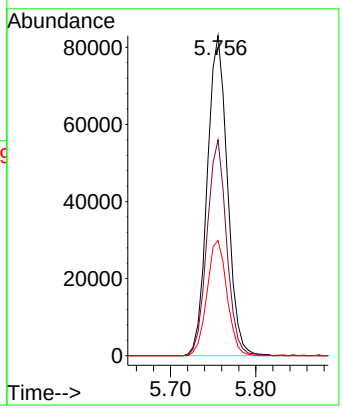


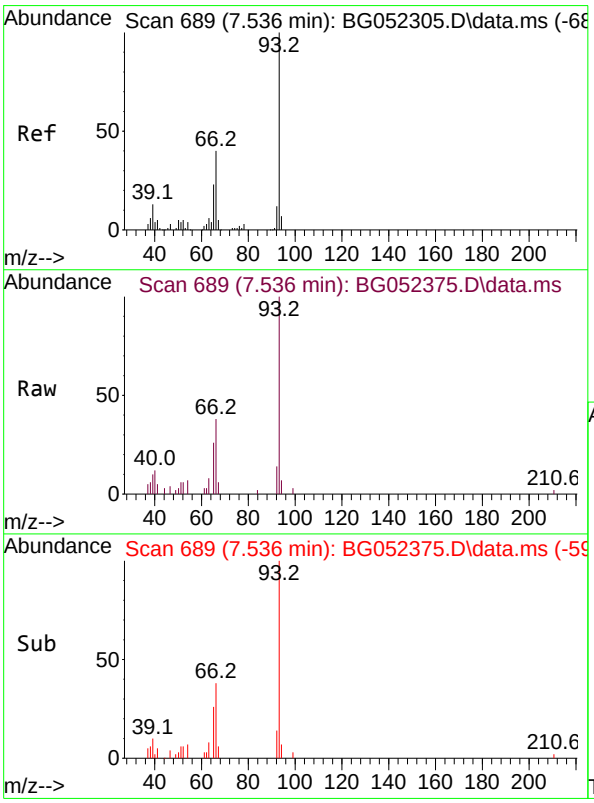
#5
2-Fluorophenol
Concen: 107.619 ng
RT: 5.756 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:112 Resp: 135933

Ion	Ratio	Lower	Upper
112	100		
64	67.4	60.4	90.6
63	36.0	33.3	49.9

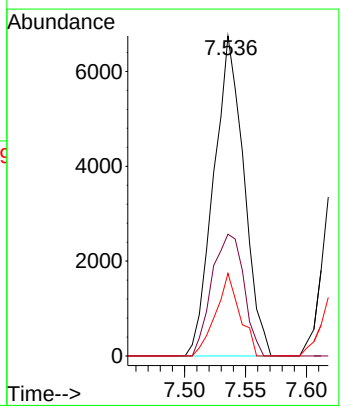


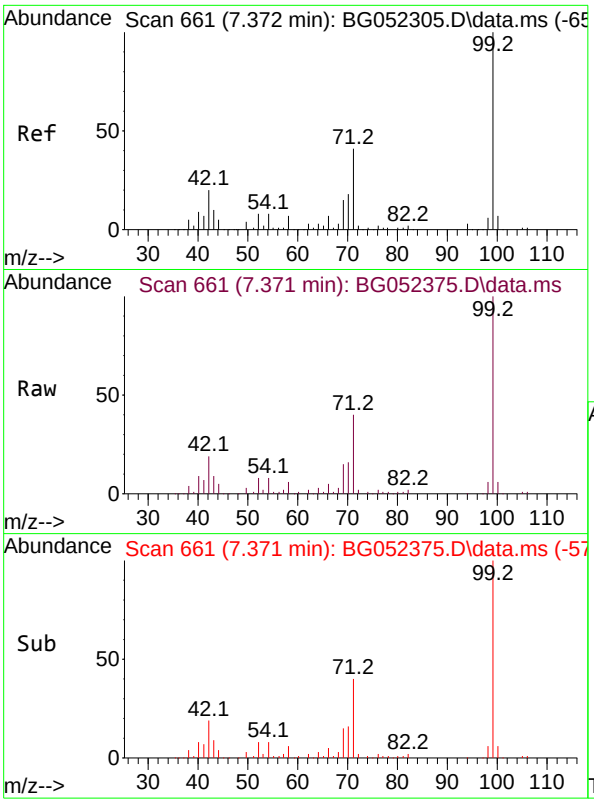


#6
Aniline
Concen: 5.118 ng
RT: 7.536 min Scan# 689
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 93 Resp: 11589

Ion	Ratio	Lower	Upper
93	100		
66	38.1	34.3	51.5
65	25.8	17.6	26.4



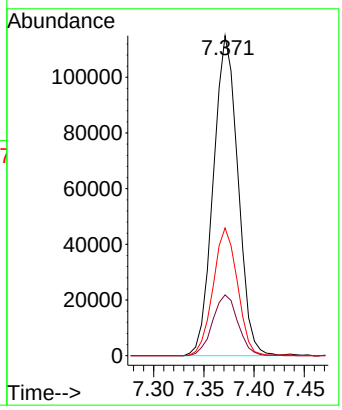


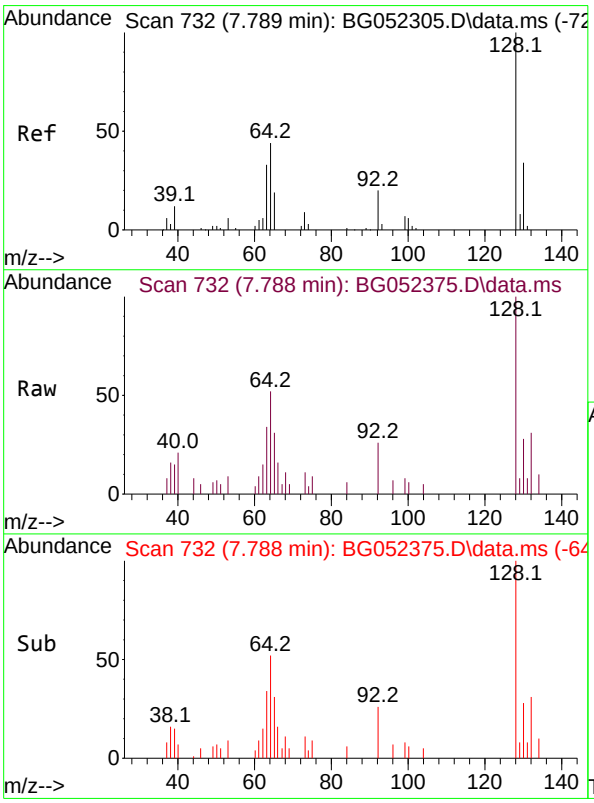
#7
Phenol-d6
Concen: 100.319 ng
RT: 7.371 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 99 Resp: 195511

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.1	28.7#
71	39.9	33.4	50.2

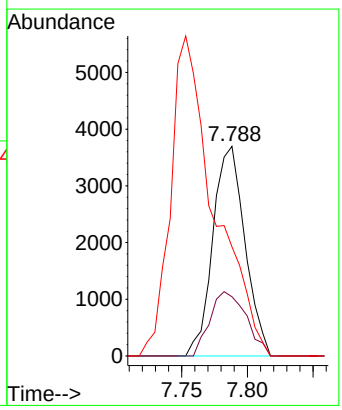


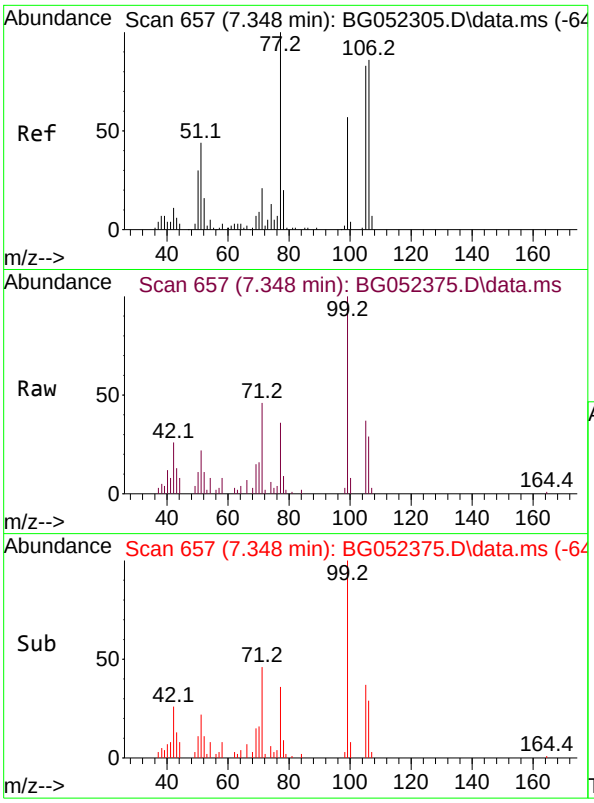


#8
2-Chlorophenol
Concen: 4.522 ng
RT: 7.788 min Scan# 732
Delta R.T. -0.001 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:128 Resp: 6283

Ion	Ratio	Lower	Upper
128	100		
130	28.3	13.6	53.6
64	52.1	37.8	77.8



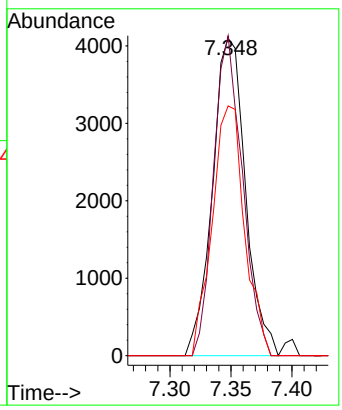


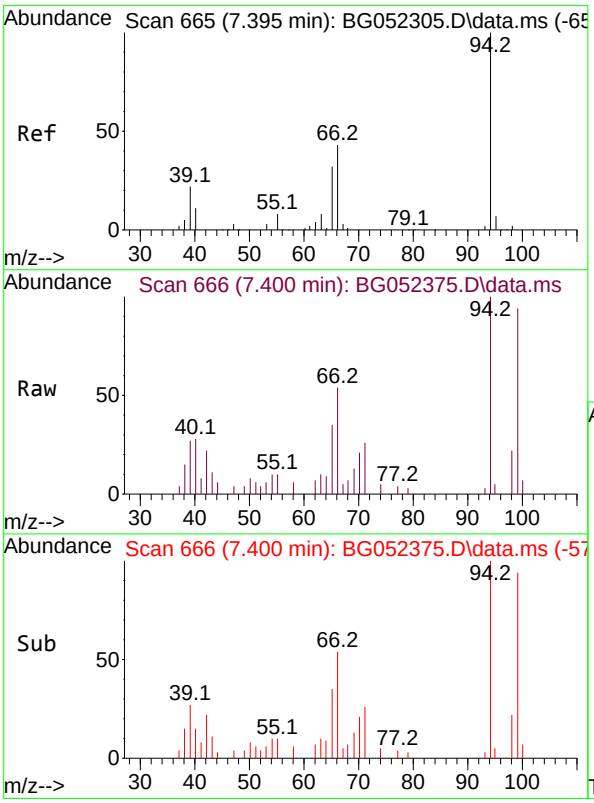
#9
Benzaldehyde
Concen: 6.469 ng
RT: 7.348 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 7739

Ion	Ratio	Lower	Upper
77	100		
105	100.8	66.1	106.1
106	78.7	58.1	98.1

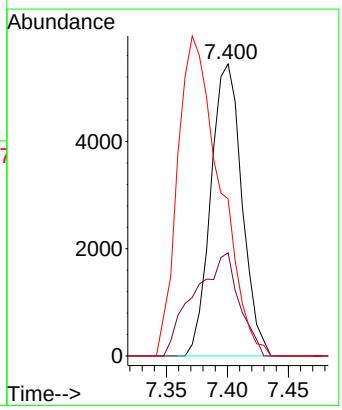


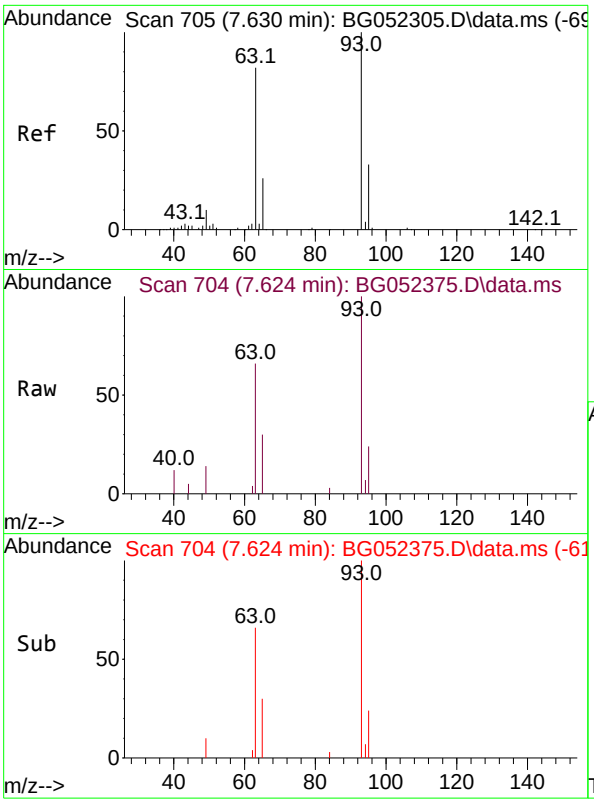


#10
Phenol
Concen: 4.999 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 94 Resp: 9680

Ion	Ratio	Lower	Upper
94	100		
65	35.4	14.1	54.1
66	53.8	26.6	66.6



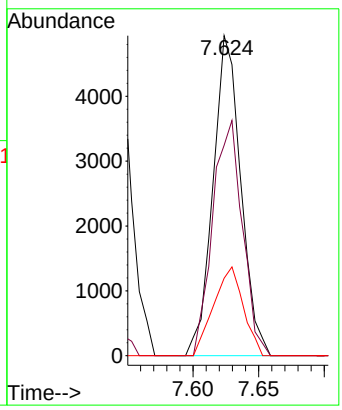


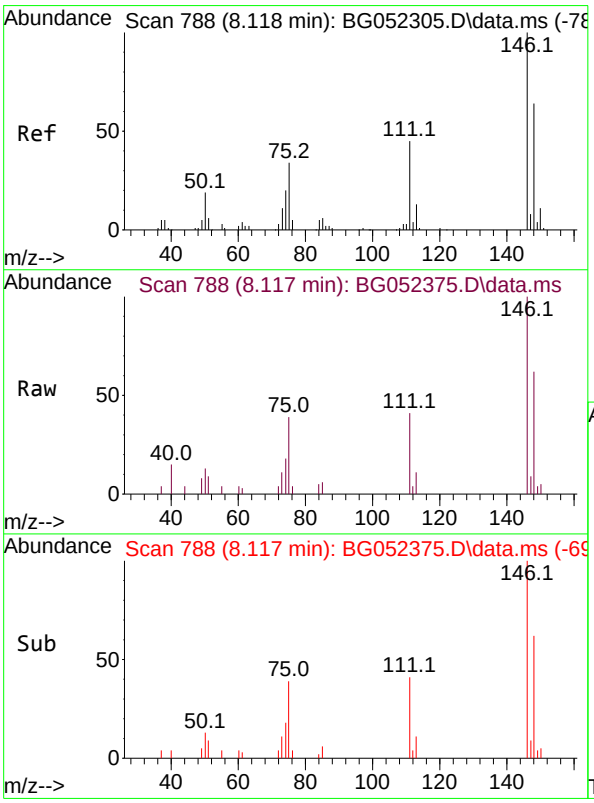
#11
bis(2-Chloroethyl)ether
Concen: 4.913 ng
RT: 7.624 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 93 Resp: 7272

Ion	Ratio	Lower	Upper
93	100		
63	65.7	67.1	107.1#
95	24.2	13.0	53.0

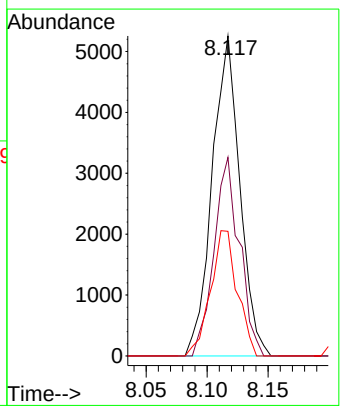


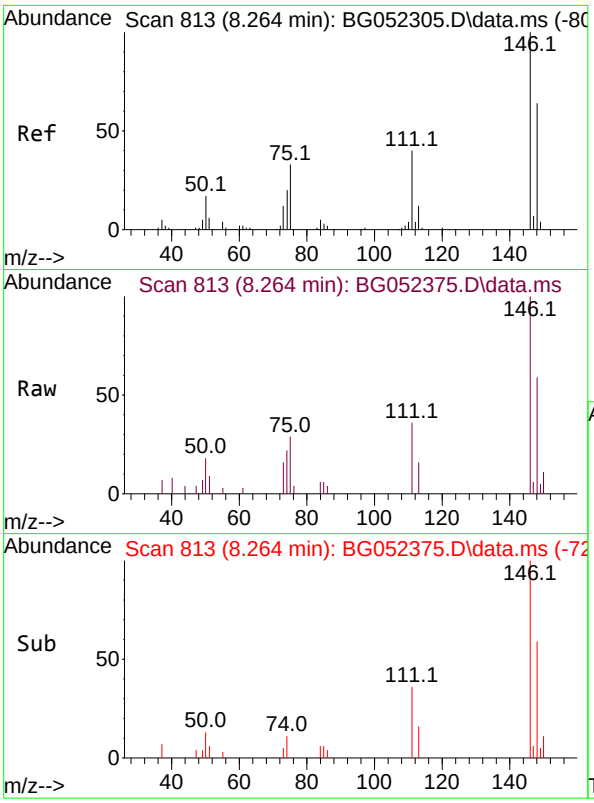


#12
1,3-Dichlorobenzene
Concen: 5.241 ng
RT: 8.117 min Scan# 788
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:146 Resp: 8298

Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.1	73.7
75	38.9	30.9	46.3



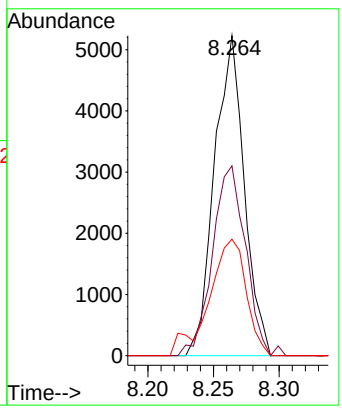


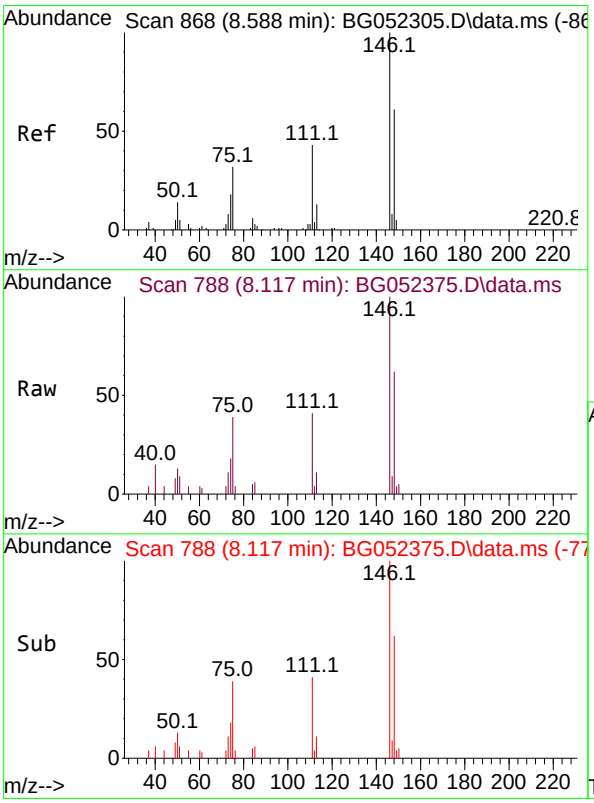
#13
1,4-Dichlorobenzene
Concen: 5.120 ng
RT: 8.264 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:146 Resp: 8264

Ion	Ratio	Lower	Upper
146	100		
148	59.3	52.6	78.8
111	36.4	33.8	50.8

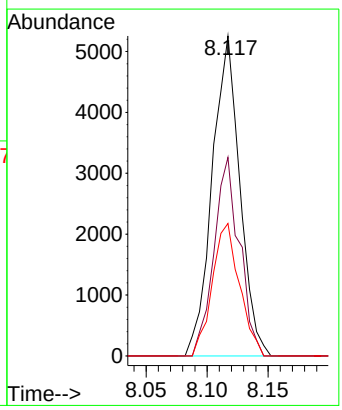


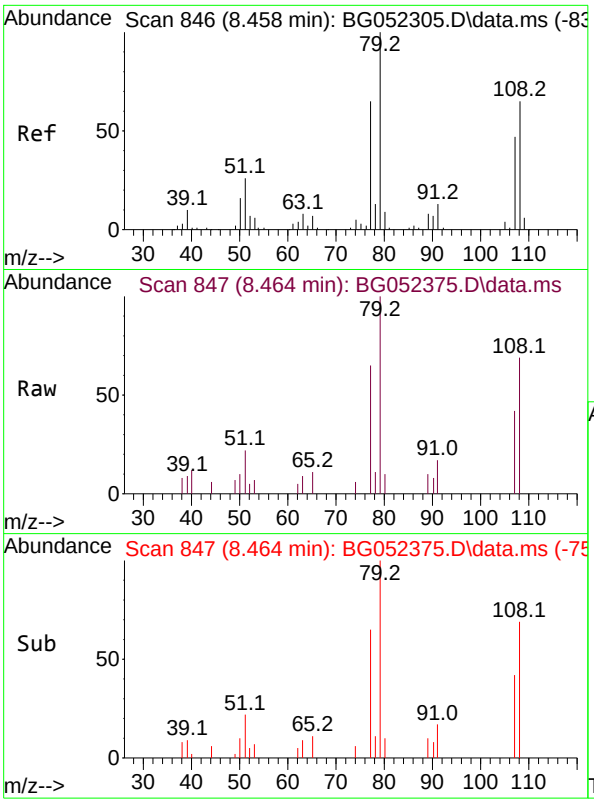


#14
1,2-Dichlorobenzene
Concen: 5.213 ng
RT: 8.117 min Scan# 788
Delta R.T. -0.470 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:146 Resp: 8298

Ion	Ratio	Lower	Upper
146	100		
148	62.1	46.5	69.7
111	41.4	37.0	55.4



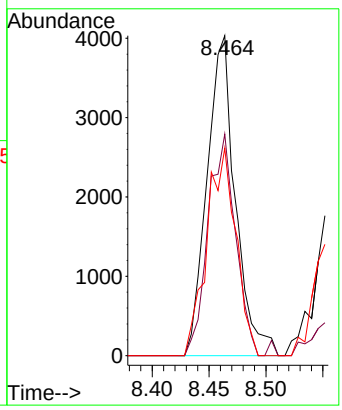


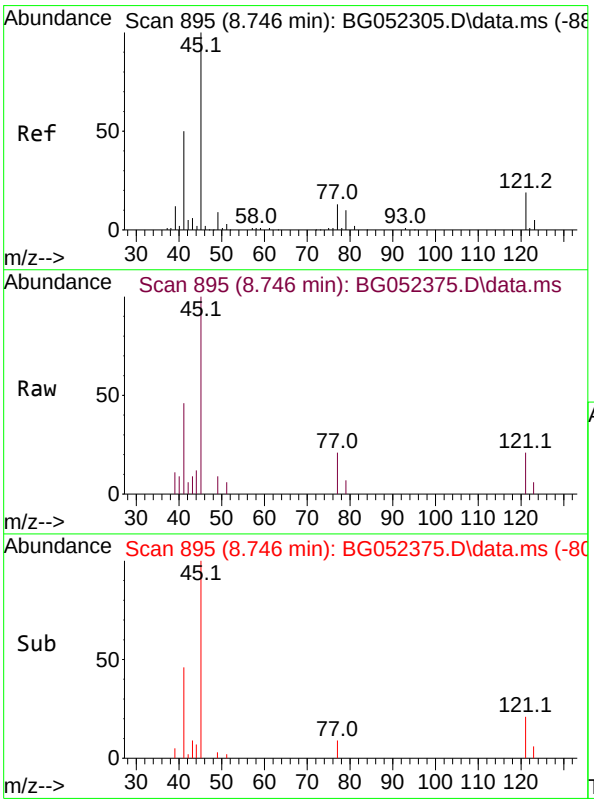
#15
Benzyl Alcohol
Concen: 4.332 ng
RT: 8.464 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 79 Resp: 7007

Ion	Ratio	Lower	Upper
79	100		
108	69.3	53.8	80.6
77	64.8	54.4	81.6

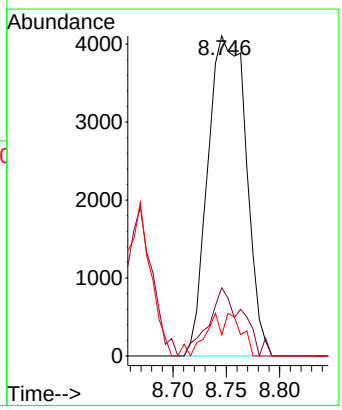


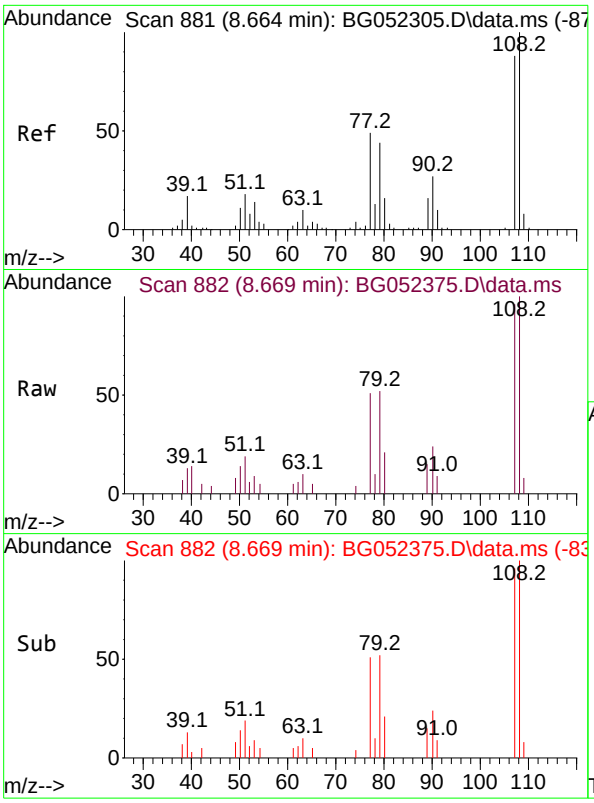


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.777 ng
RT: 8.746 min Scan# 895
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 45 Resp: 10209

Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.0	33.8
79	6.6	0.0	31.1



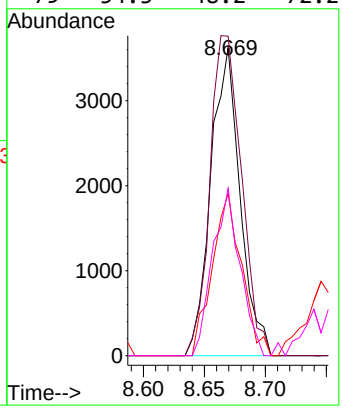


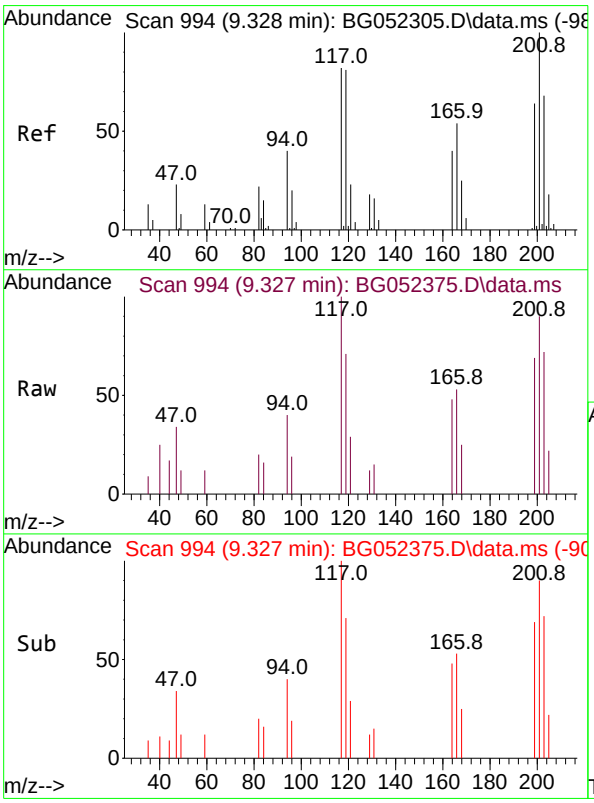
#17
2-Methylphenol
Concen: 4.749 ng
RT: 8.669 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:107 Resp: 6068

Ion	Ratio	Lower	Upper
107	100		
108	103.8	90.3	135.5
77	52.6	49.0	73.6
79	54.3	48.2	72.2

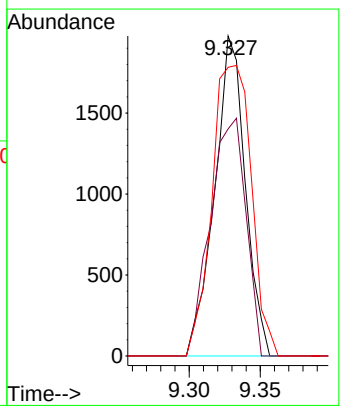


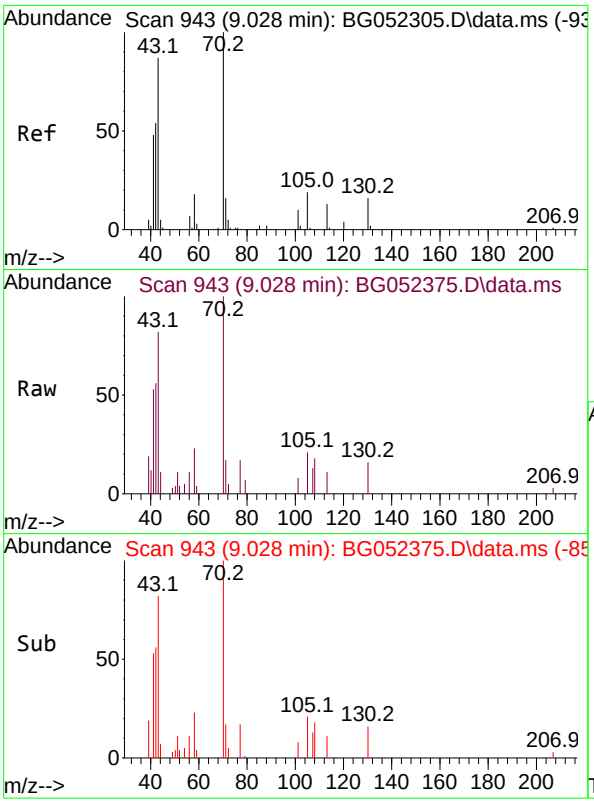


#18
Hexachloroethane
Concen: 5.285 ng
RT: 9.327 min Scan# 994
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:117 Resp: 2966

Ion	Ratio	Lower	Upper
117	100		
119	71.0	73.5	110.3#
201	90.2	91.0	136.6#



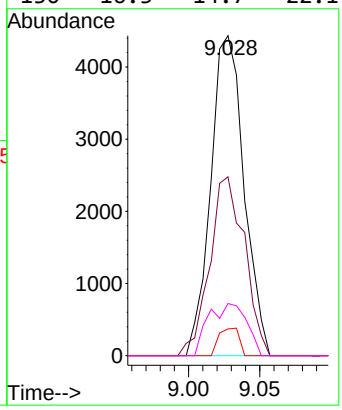


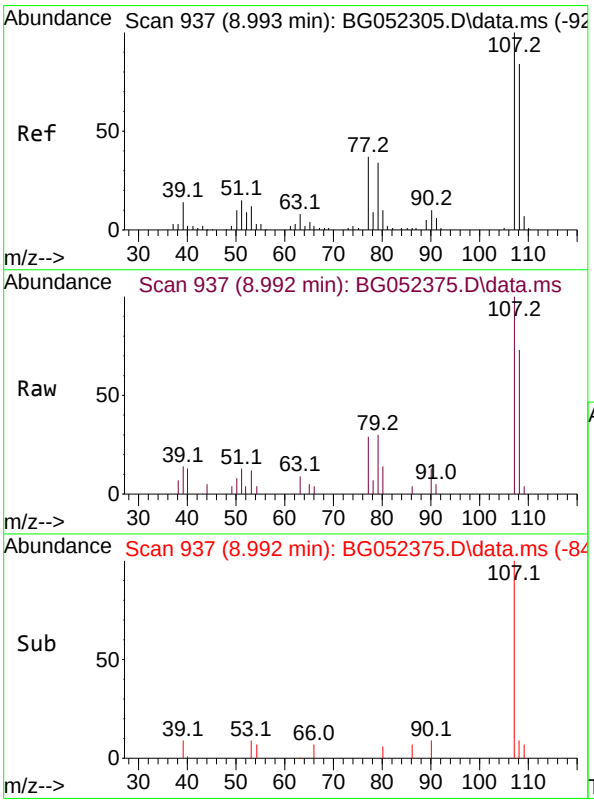
#19
n-Nitroso-di-n-propylamine
Concen: 4.915 ng
RT: 9.028 min Scan# 94
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 70 Resp: 7222

Ion	Ratio	Lower	Upper
70	100		
42	55.9	51.8	77.6
101	8.3	6.6	10.0
130	16.3	14.7	22.1

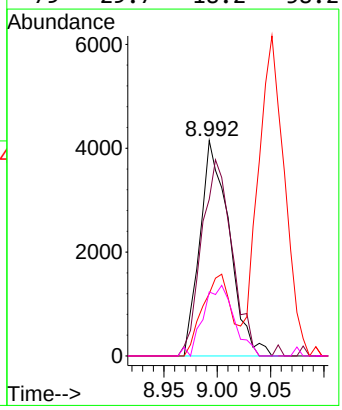


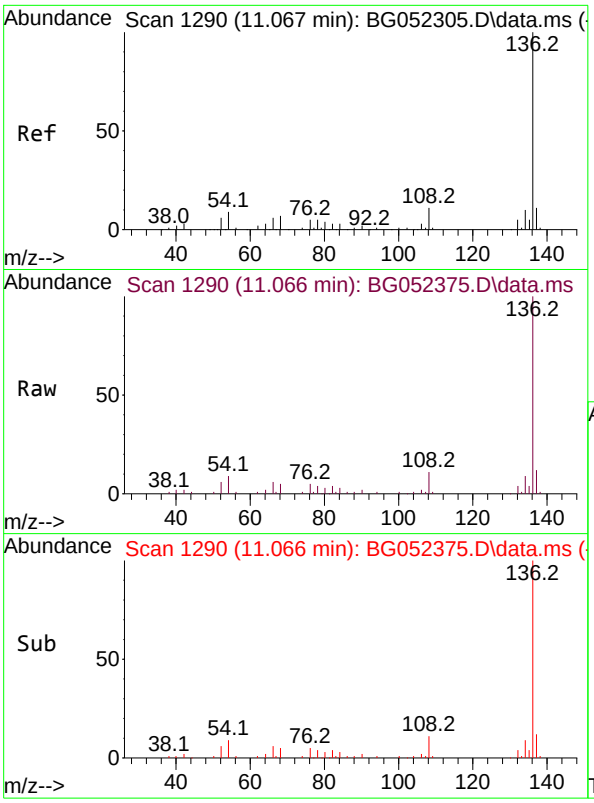


#20
3+4-Methylphenols
Concen: 4.336 ng
RT: 8.992 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:107 Resp: 7926

Ion	Ratio	Lower	Upper
107	100		
108	72.8	71.9	111.9
77	28.9	24.6	64.6
79	29.7	18.2	58.2



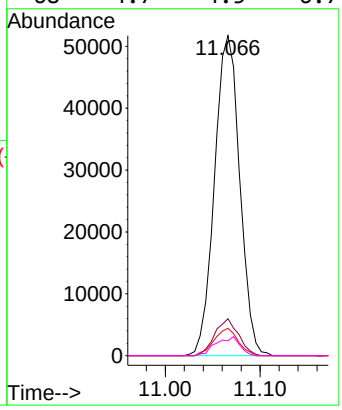


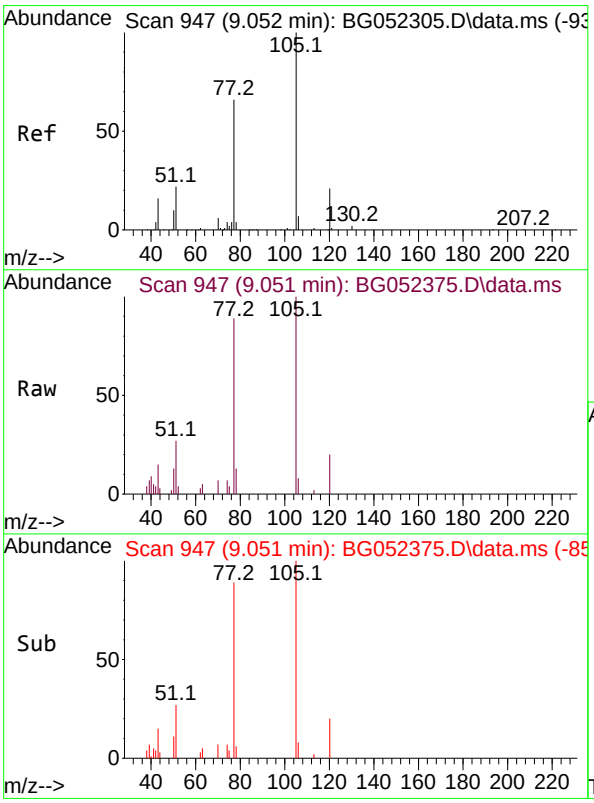
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:136 Resp: 95539

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.5	8.3	12.5
68	4.7	4.5	6.7

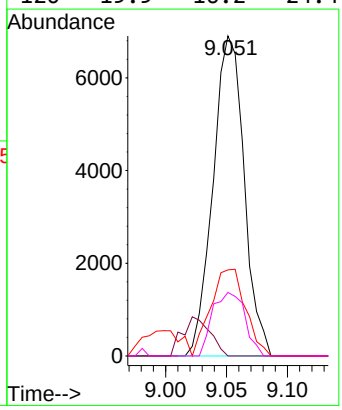


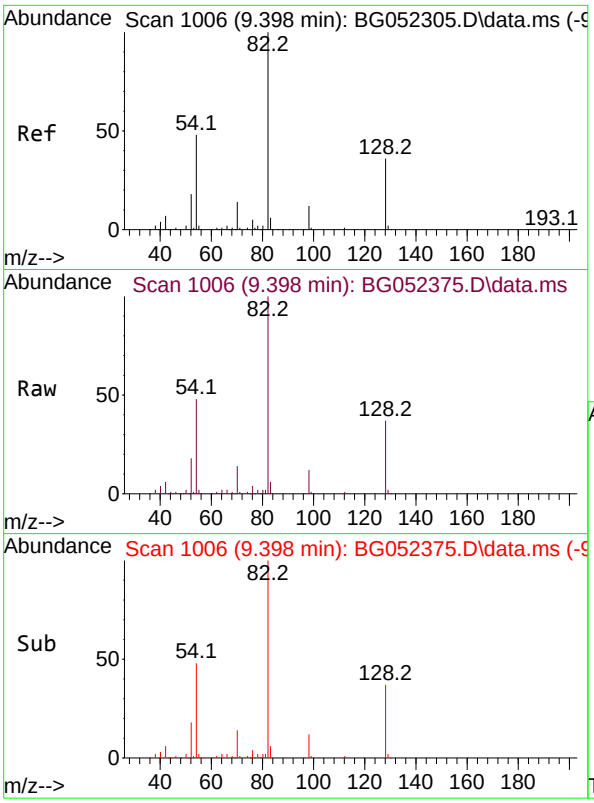


#22
Acetophenone
Concen: 4.853 ng
RT: 9.051 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:105 Resp: 12253

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.8	2.6#
51	26.9	27.0	40.4#
120	19.9	16.2	24.4



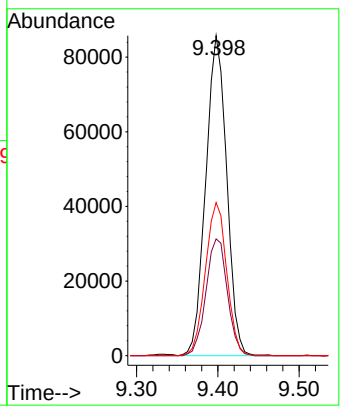


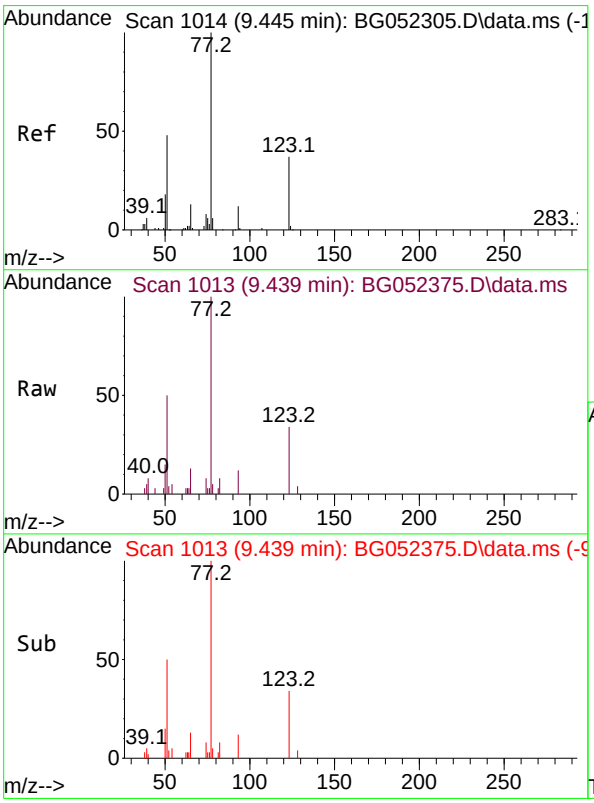
#23
Nitrobenzene-d5
Concen: 69.779 ng
RT: 9.398 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 82 Resp: 153392

Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.0	40.4
54	47.9	41.0	61.6

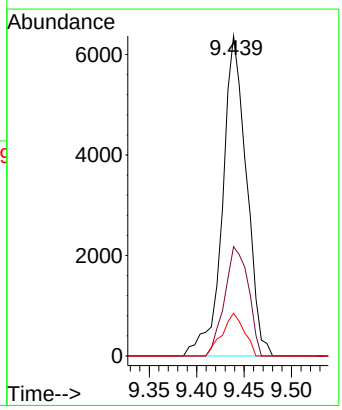


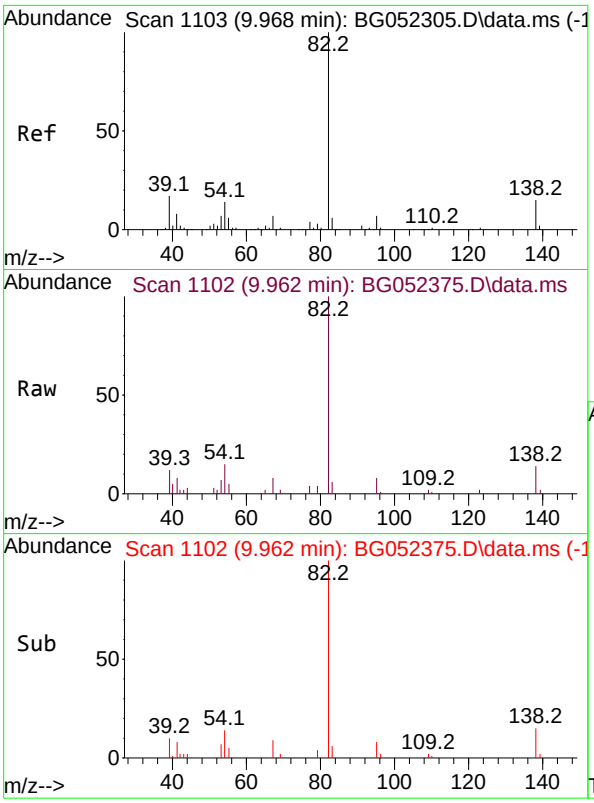


#24
Nitrobenzene
Concen: 5.363 ng
RT: 9.439 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 77 Resp: 11182

Ion	Ratio	Lower	Upper
77	100		
123	34.1	27.1	40.7
65	13.4	11.2	16.8



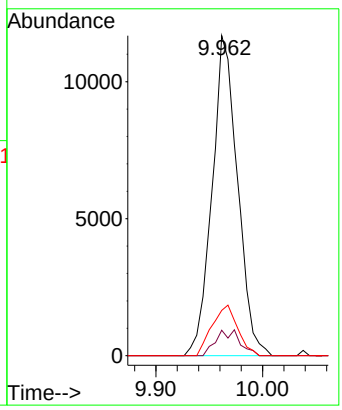


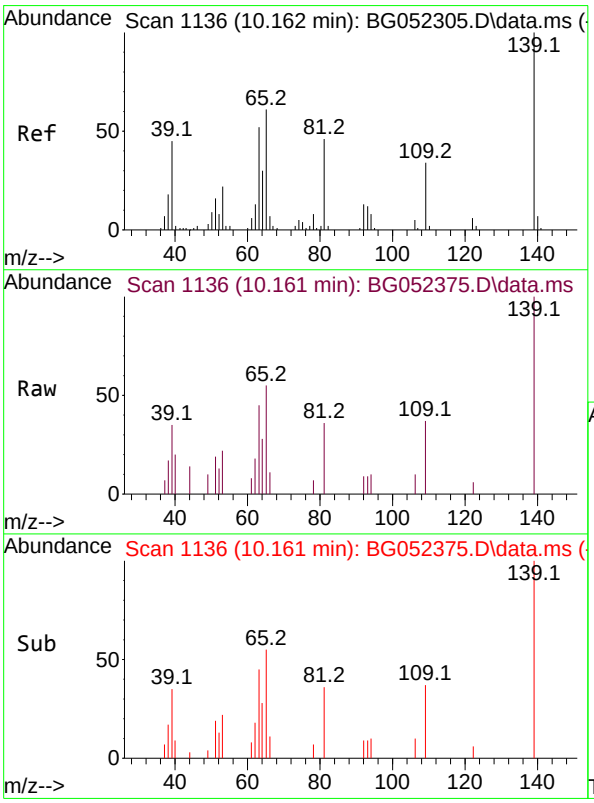
#25
Isophorone
Concen: 5.179 ng
RT: 9.962 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 82 Resp: 19373

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	9.8
138	14.1	12.5	18.7

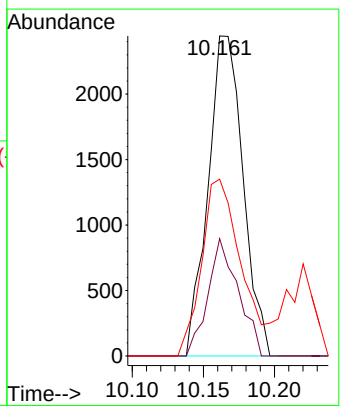


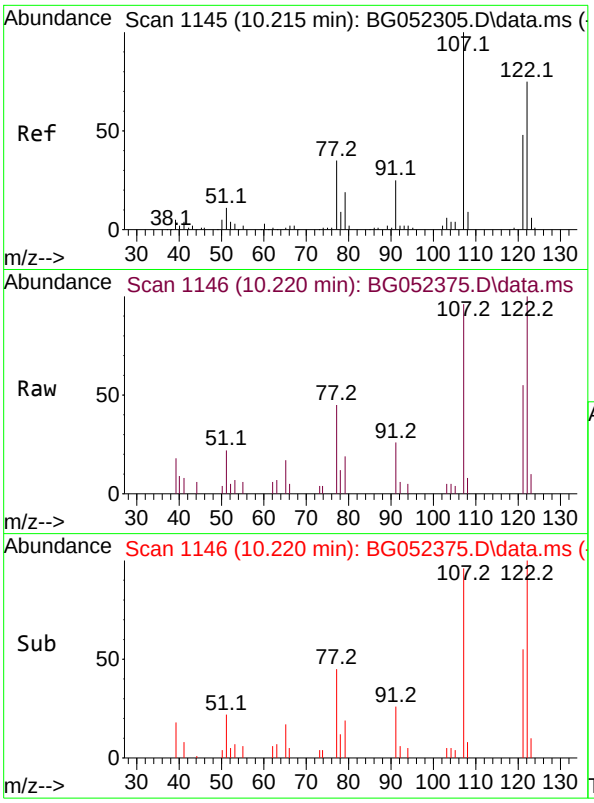


#26
2-Nitrophenol
Concen: 4.743 ng
RT: 10.161 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:139 Resp: 4192

Ion	Ratio	Lower	Upper
139	100		
109	36.7	30.4	45.6
65	55.2	55.7	83.5#



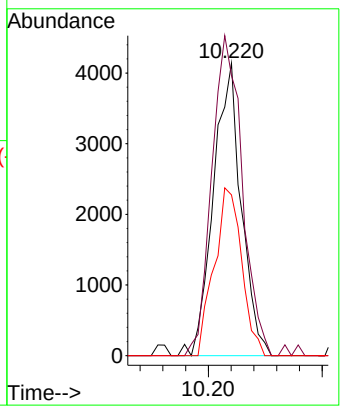


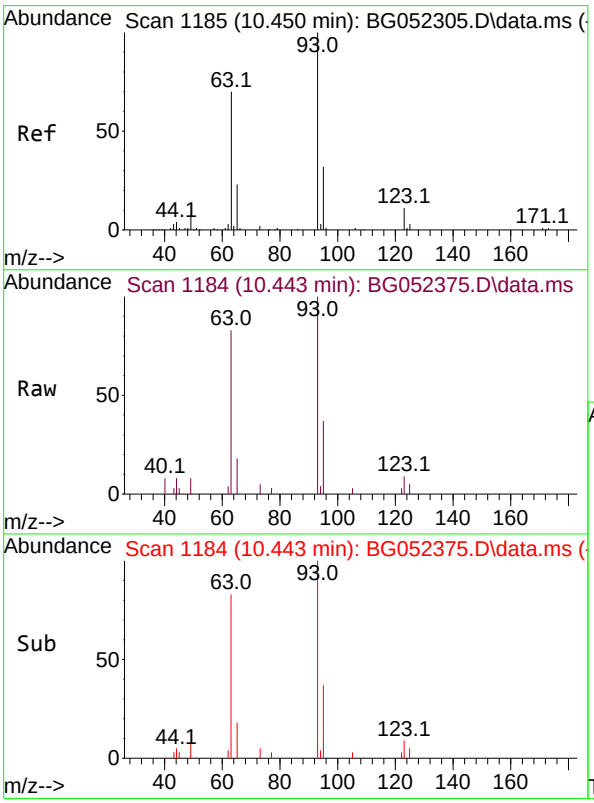
#27
2,4-Dimethylphenol
Concen: 5.377 ng
RT: 10.220 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:122 Resp: 7036

Ion	Ratio	Lower	Upper
122	100		
107	95.8	105.8	158.8#
121	55.0	48.6	72.8

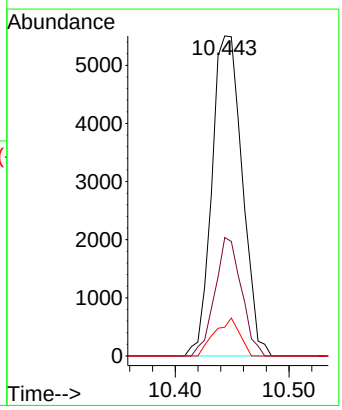


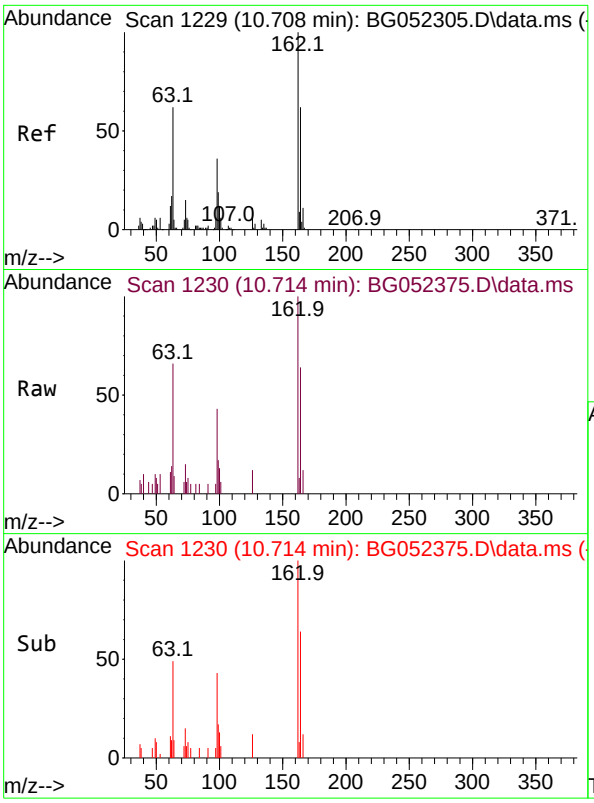


#28
bis(2-Chloroethoxy)methane
Concen: 4.806 ng
RT: 10.443 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 93 Resp: 10202

Ion	Ratio	Lower	Upper
93	100		
95	37.0	26.1	39.1
123	9.0	7.6	11.4



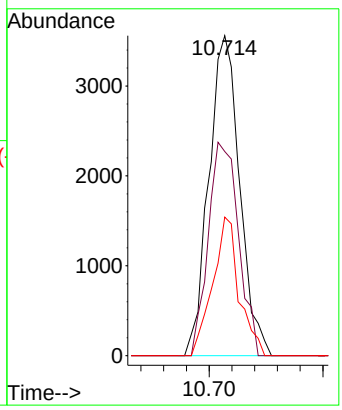


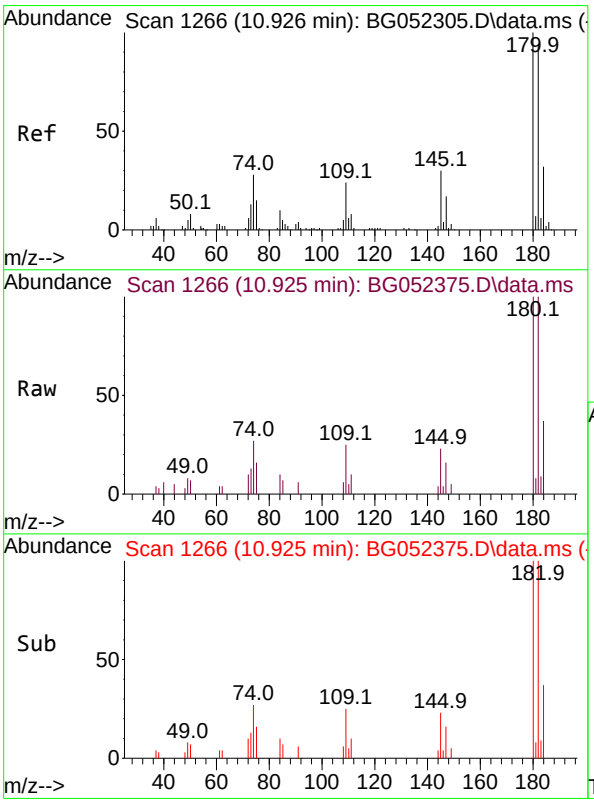
#29
2,4-Dichlorophenol
Concen: 4.270 ng
RT: 10.714 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:162 Resp: 6697

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.3	84.3
98	43.3	17.2	57.2

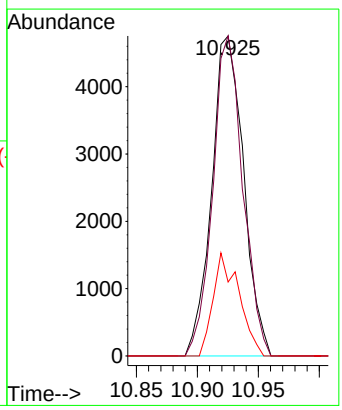


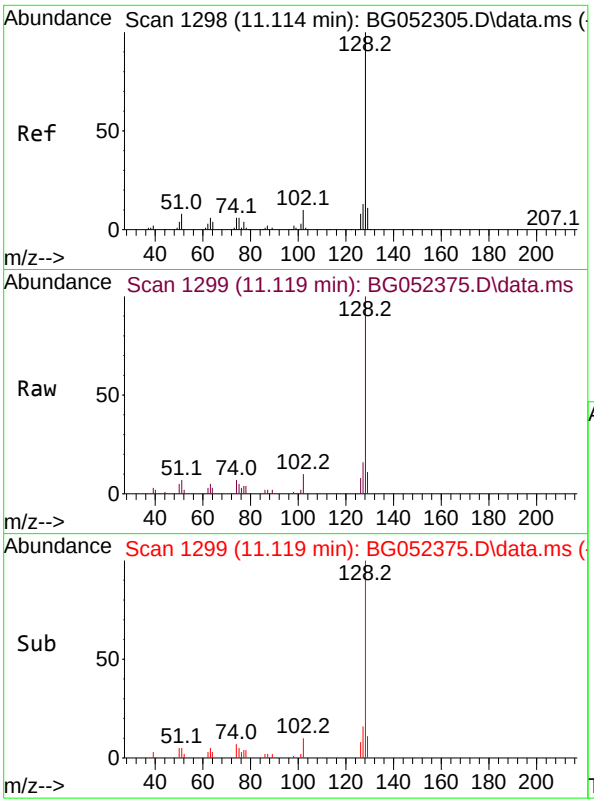


#30
1,2,4-Trichlorobenzene
Concen: 4.727 ng
RT: 10.925 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:180 Resp: 8658

Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.1	114.1
145	23.1	24.0	36.0#



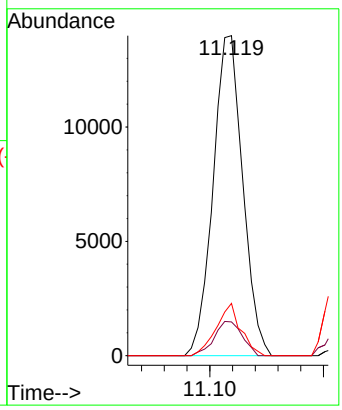


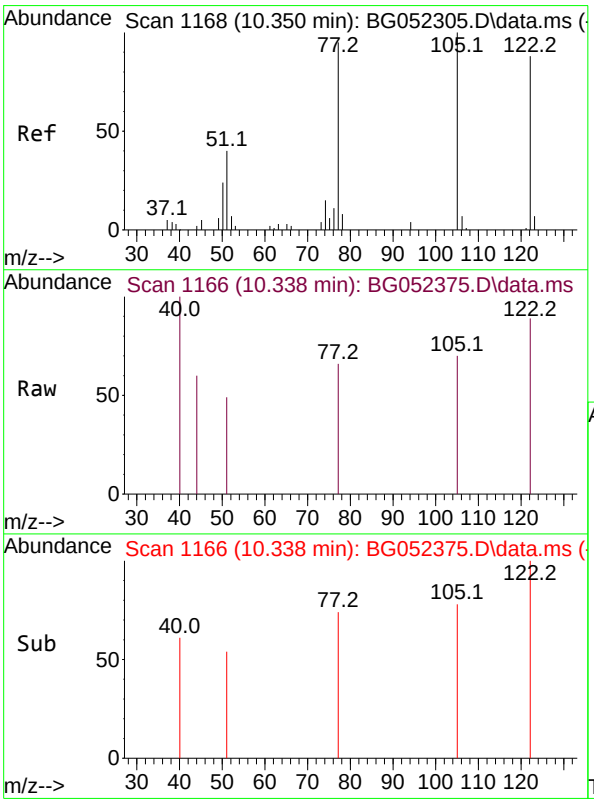
#31
Naphthalene
Concen: 5.055 ng
RT: 11.119 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:128 Resp: 25320

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.8	14.6
127	16.4	12.0	18.0

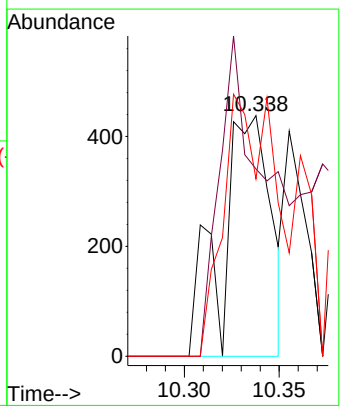


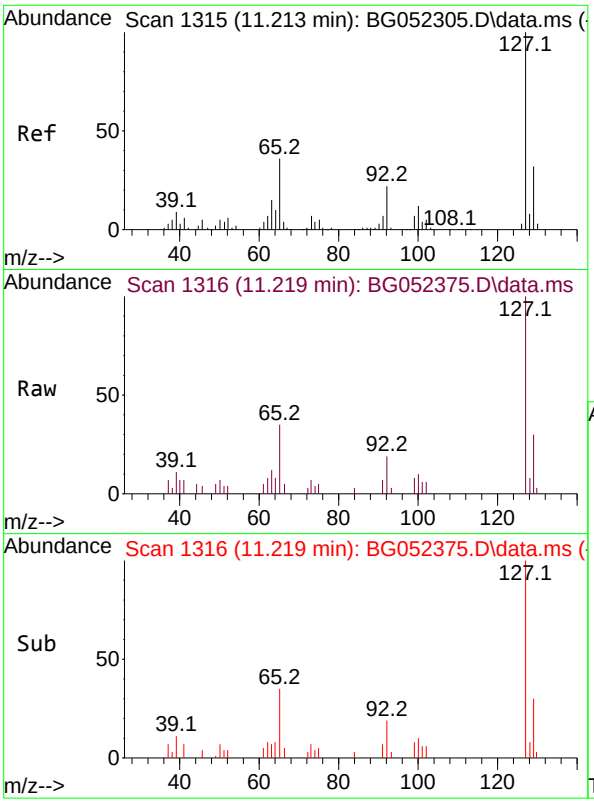


#32
Benzoic acid
Concen: 1.025 ng
RT: 10.338 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:122 Resp: 788

Ion	Ratio	Lower	Upper
122	100		
105	77.9	109.2	149.2#
77	73.7	92.8	132.8#



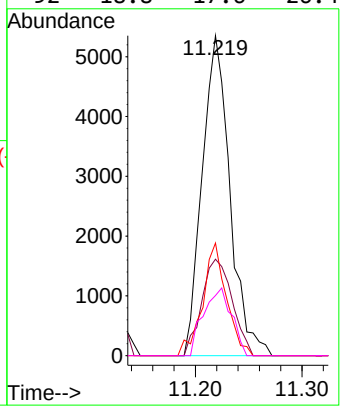


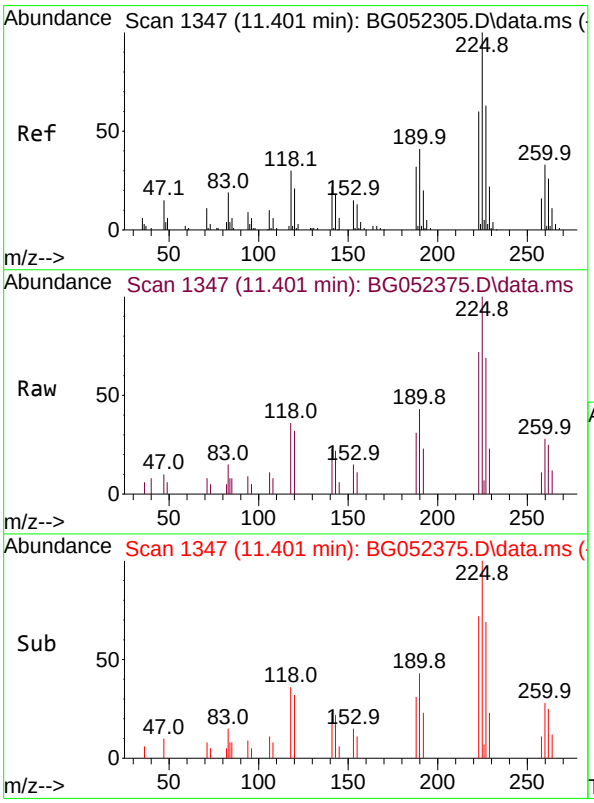
#33
4-Chloroaniline
Concen: 4.620 ng
RT: 11.219 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:127 Resp: 9660

Ion	Ratio	Lower	Upper
127	100		
129	30.2	27.0	40.6
65	35.2	28.7	43.1
92	18.8	17.6	26.4

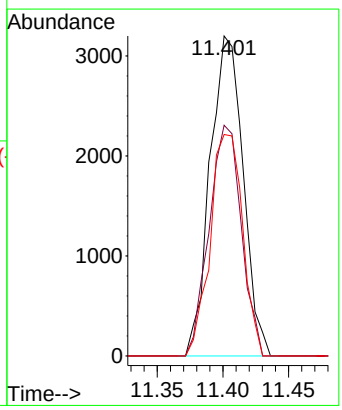


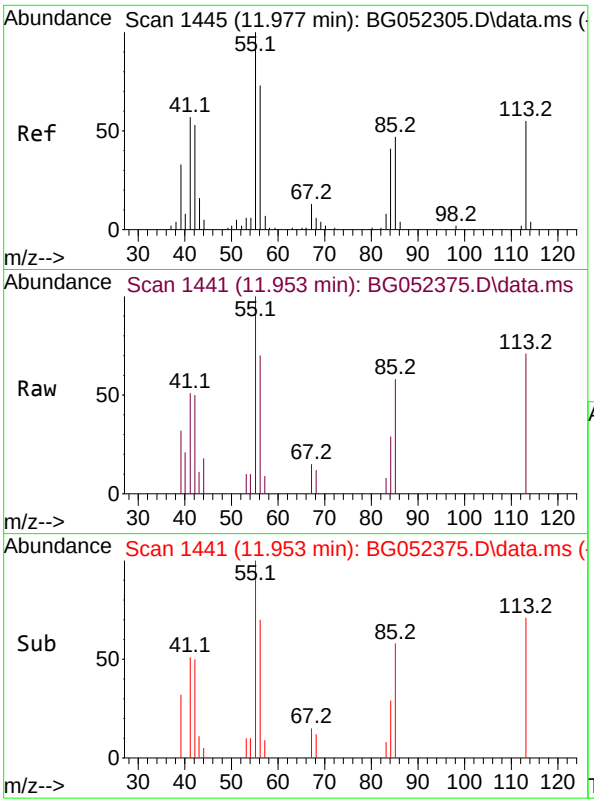


#34
Hexachlorobutadiene
Concen: 4.526 ng
RT: 11.401 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:225 Resp: 5598

Ion	Ratio	Lower	Upper
225	100		
223	72.1	51.6	77.4
227	69.2	53.9	80.9



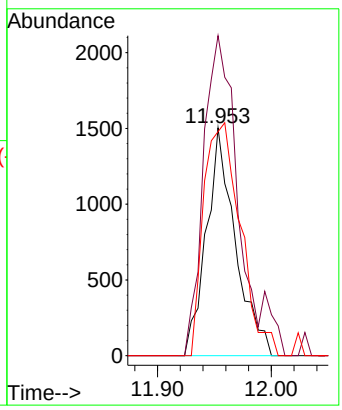


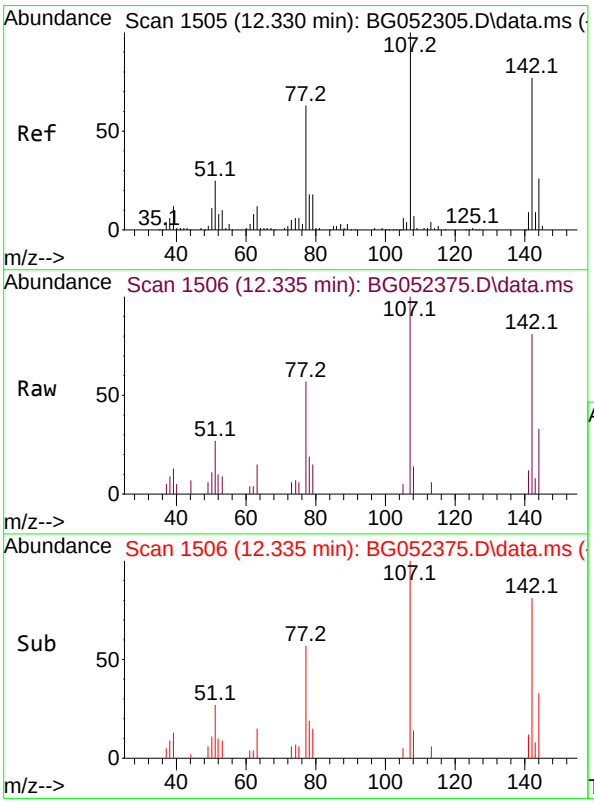
#35
Caprolactam
Concen: 4.671 ng
RT: 11.953 min Scan# 14
Delta R.T. -0.024 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:113 Resp: 2670

Ion	Ratio	Lower	Upper
113	100		
55	140.4	161.4	201.4#
56	98.3	132.6	172.6#

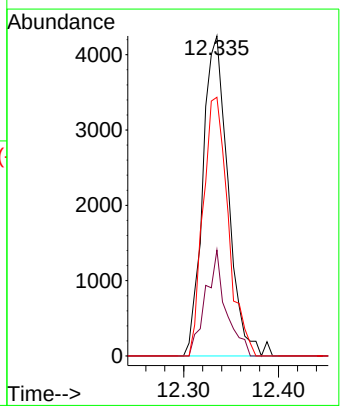


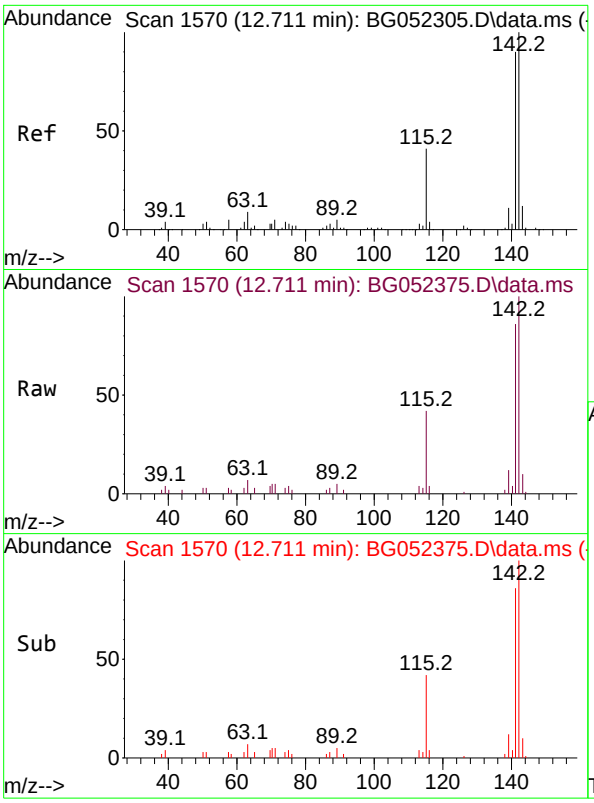


#36
4-Chloro-3-methylphenol
Concen: 4.413 ng
RT: 12.335 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:107 Resp: 7874

Ion	Ratio	Lower	Upper
107	100		
144	33.1	19.3	28.9#
142	80.9	63.9	95.9



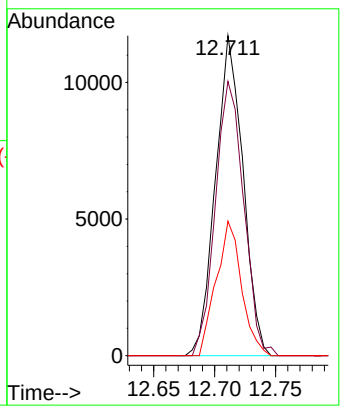


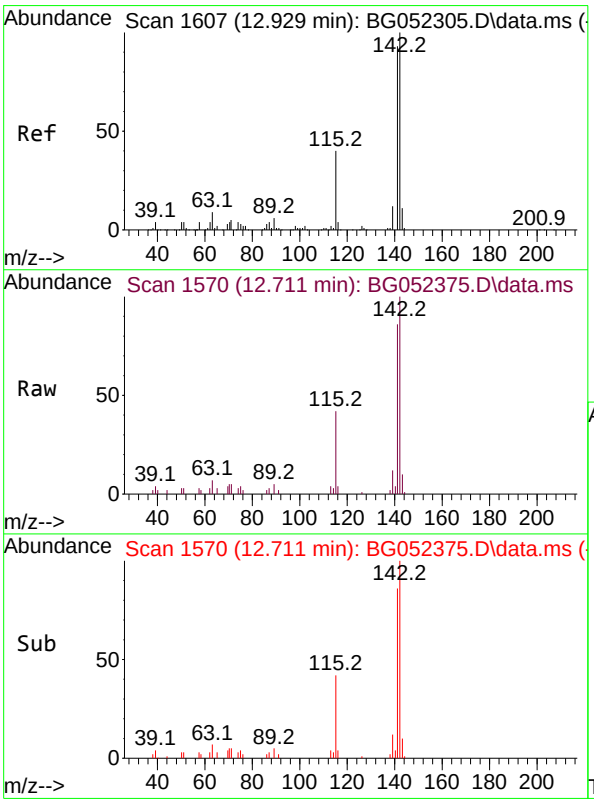
#37
2-Methylnaphthalene
Concen: 4.934 ng
RT: 12.711 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:142 Resp: 18355

Ion	Ratio	Lower	Upper
142	100		
141	85.7	71.7	107.5
115	42.0	32.2	48.4

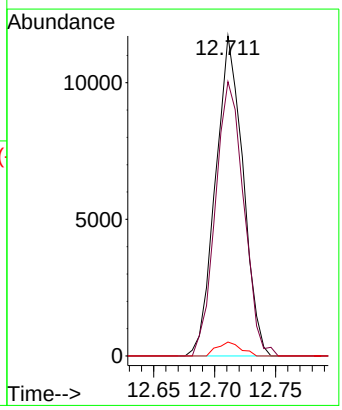


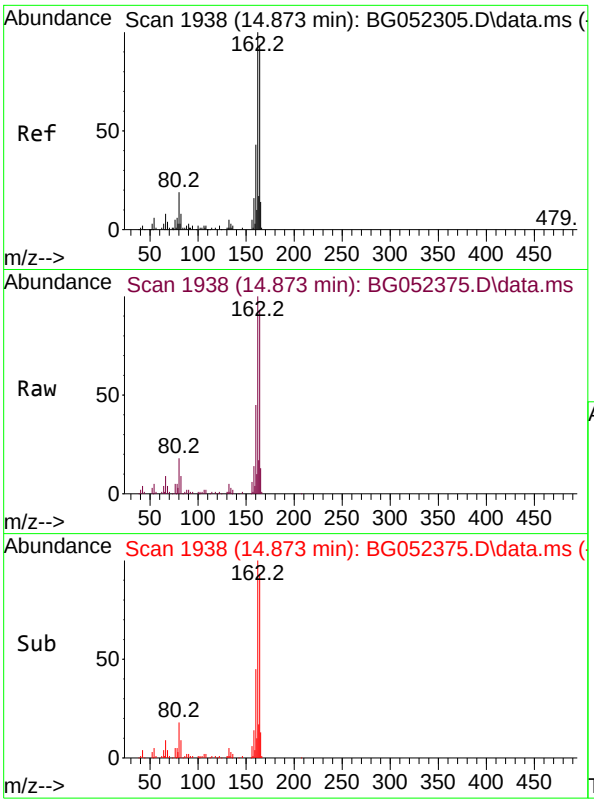


#38
1-Methylnaphthalene
Concen: 5.092 ng
RT: 12.711 min Scan# 1570
Delta R.T. -0.218 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:142 Resp: 18355

Ion	Ratio	Lower	Upper
142	100		
141	85.7	75.0	112.4
116	4.4	4.2	6.4



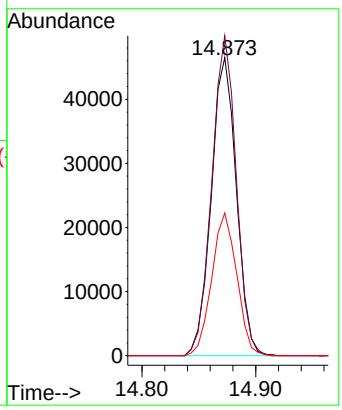


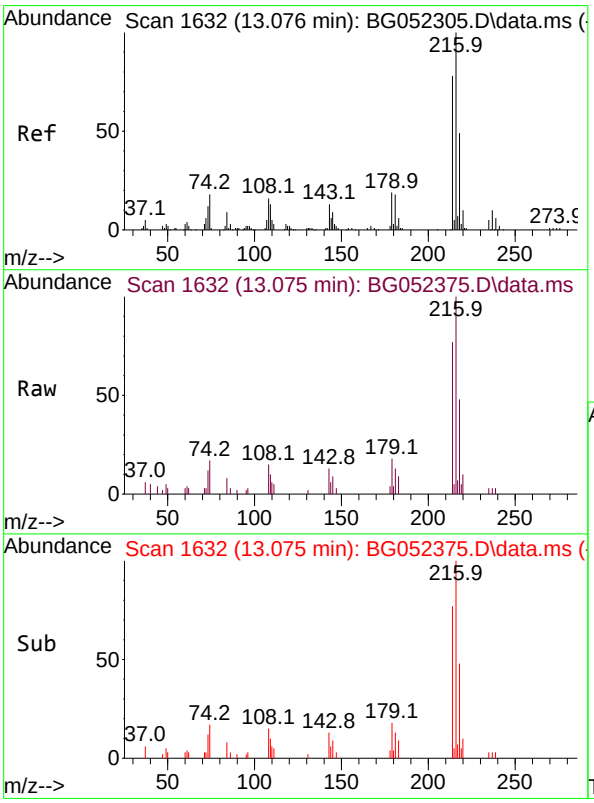
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:164 Resp: 71236

Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.2	123.2
160	47.9	36.2	54.2

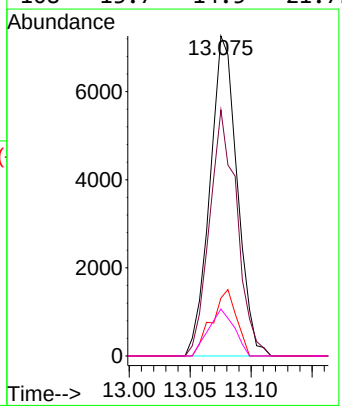


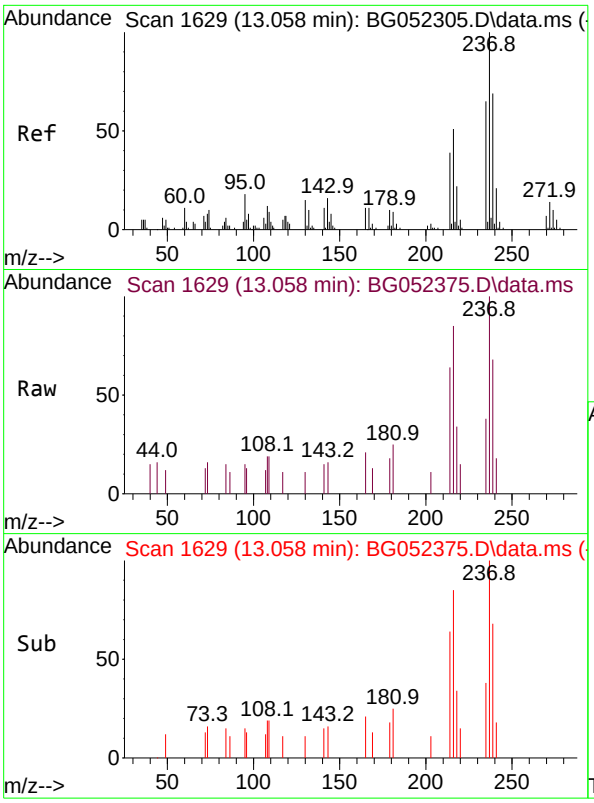


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.840 ng
RT: 13.075 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:216 Resp: 11341

Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.2	94.8
179	18.8	16.3	24.5
108	13.7	14.5	21.7#



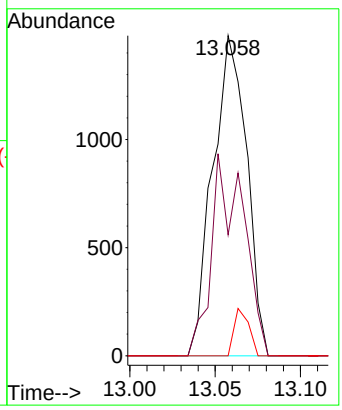


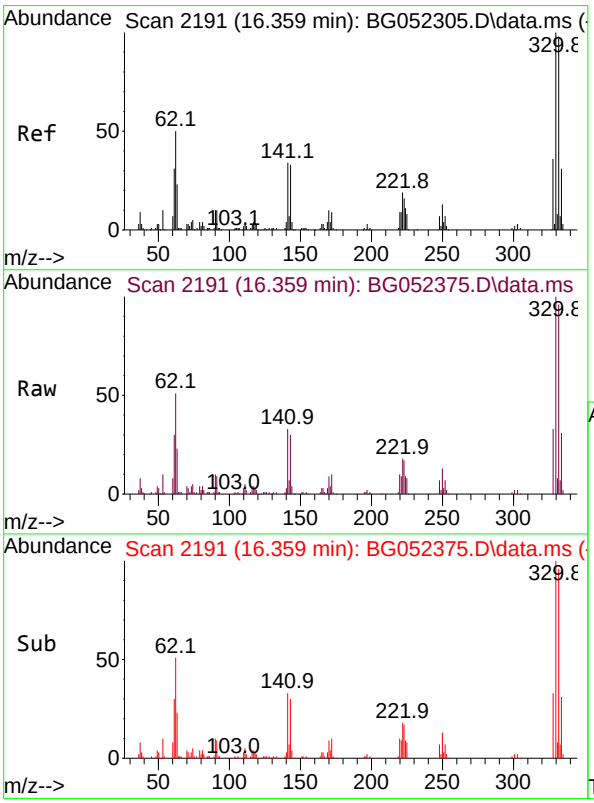
#41
Hexachlorocyclopentadiene
Concen: 2.072 ng
RT: 13.058 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:237 Resp: 2050

Ion	Ratio	Lower	Upper
237	100		
235	37.8	45.9	85.9#
272	0.0	0.0	33.0

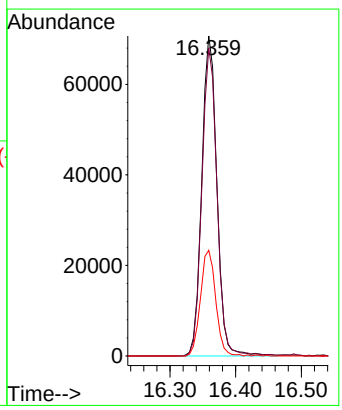


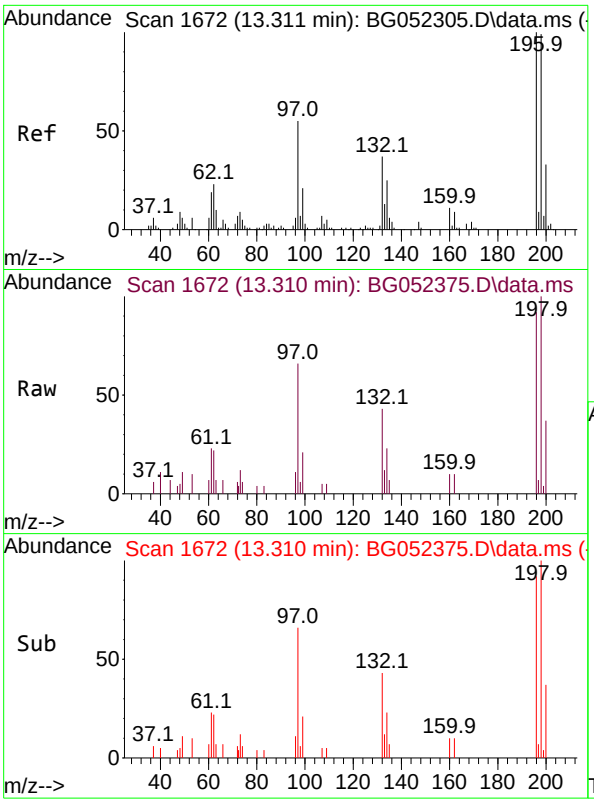


#42
2,4,6-Tribromophenol
Concen: 110.982 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:330 Resp: 113581

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	33.3	28.8	43.2



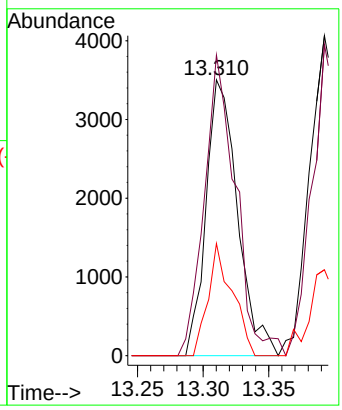


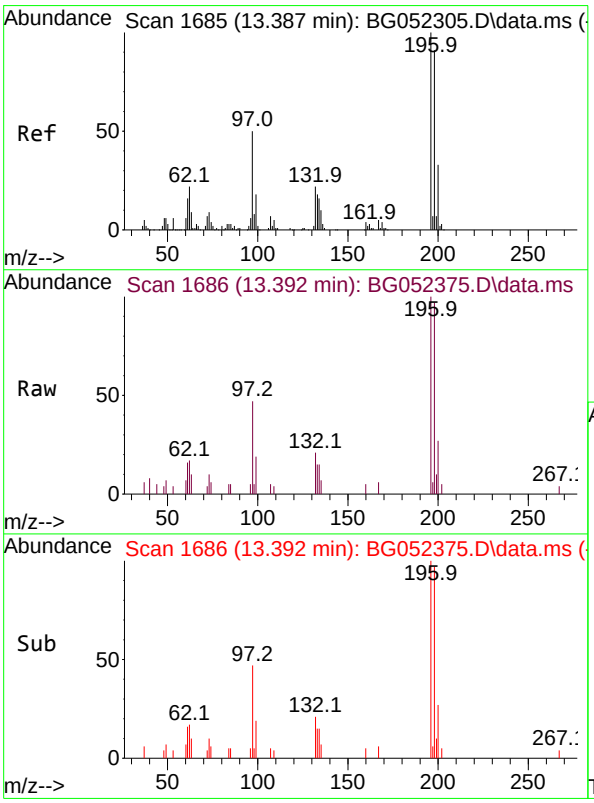
#43
2,4,6-Trichlorophenol
Concen: 3.820 ng
RT: 13.310 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:196 Resp: 5854

Ion	Ratio	Lower	Upper
196	100		
198	109.0	78.4	117.6
200	40.7	28.5	42.7

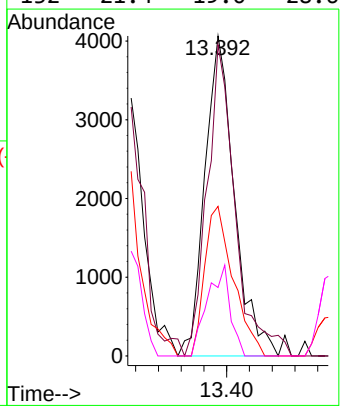


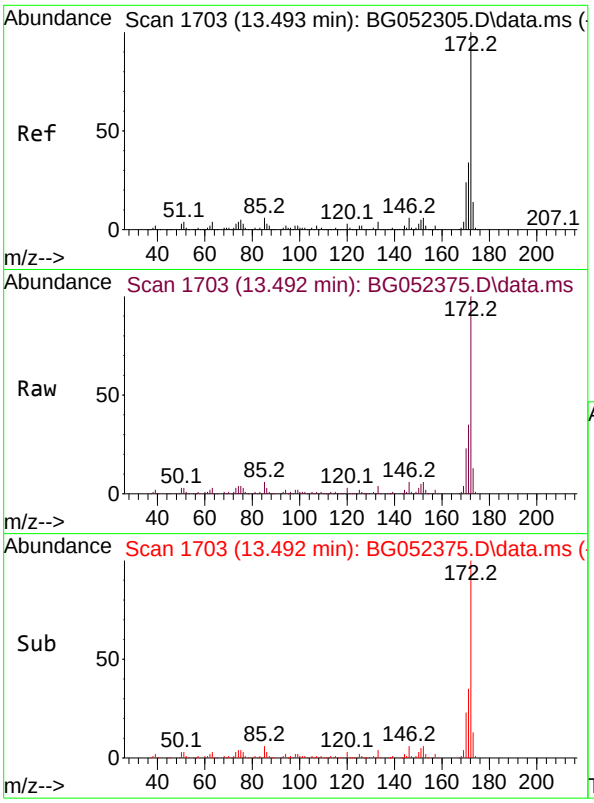


#44
2,4,5-Trichlorophenol
Concen: 4.410 ng
RT: 13.392 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:196 Resp: 7324

Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.6	118.0
97	46.7	43.8	65.8
132	21.4	19.0	28.6



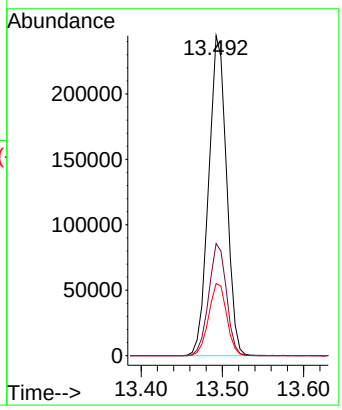


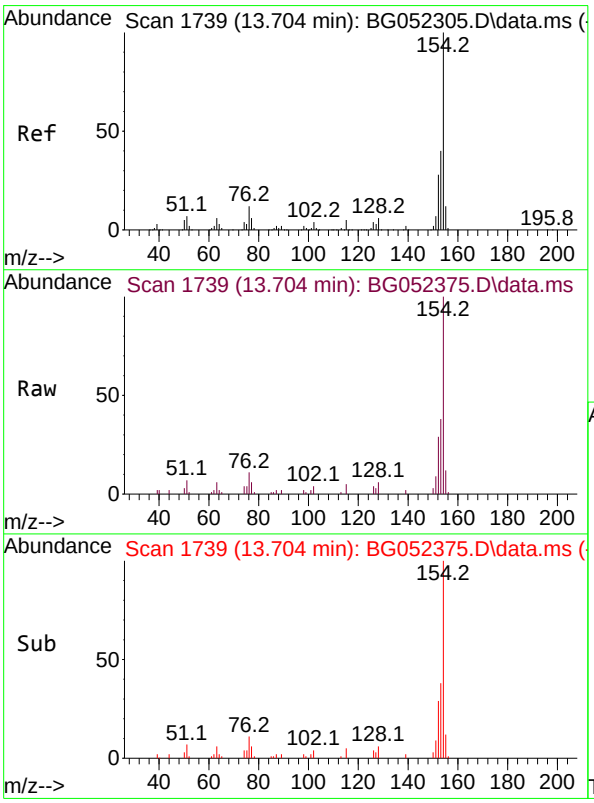
#45
2-Fluorobiphenyl
Concen: 72.870 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:172 Resp: 373575

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.5	18.3	27.5

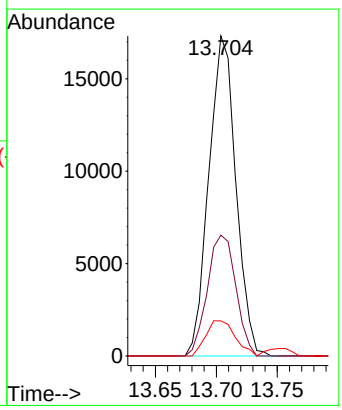


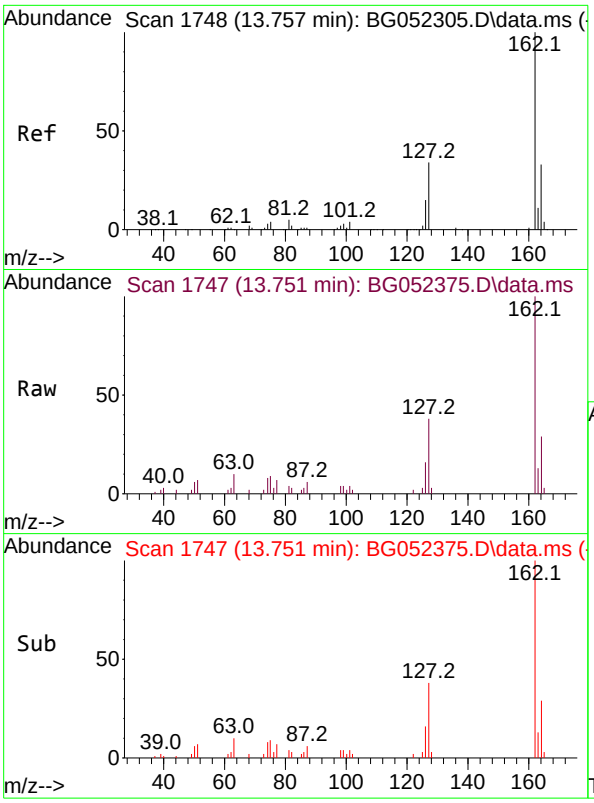


#46
1,1'-Biphenyl
Concen: 5.109 ng
RT: 13.704 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:154 Resp: 26685

Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.1	61.1
76	11.0	0.0	32.6



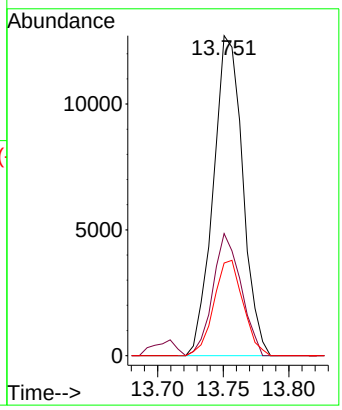


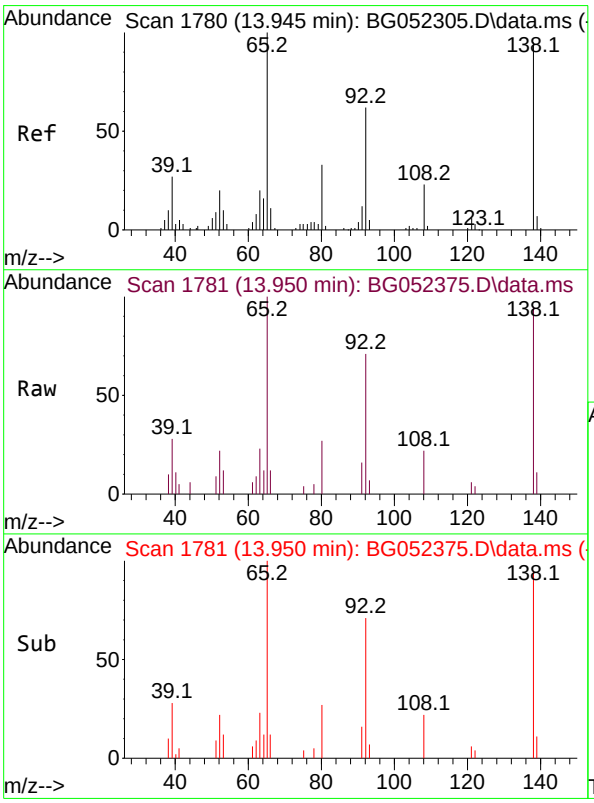
#47
2-Chloronaphthalene
Concen: 4.919 ng
RT: 13.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:162 Resp: 19798

Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.4	45.6
164	28.9	25.0	37.4

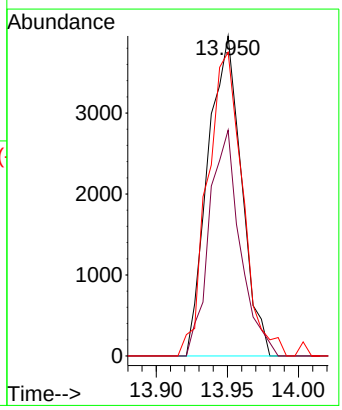


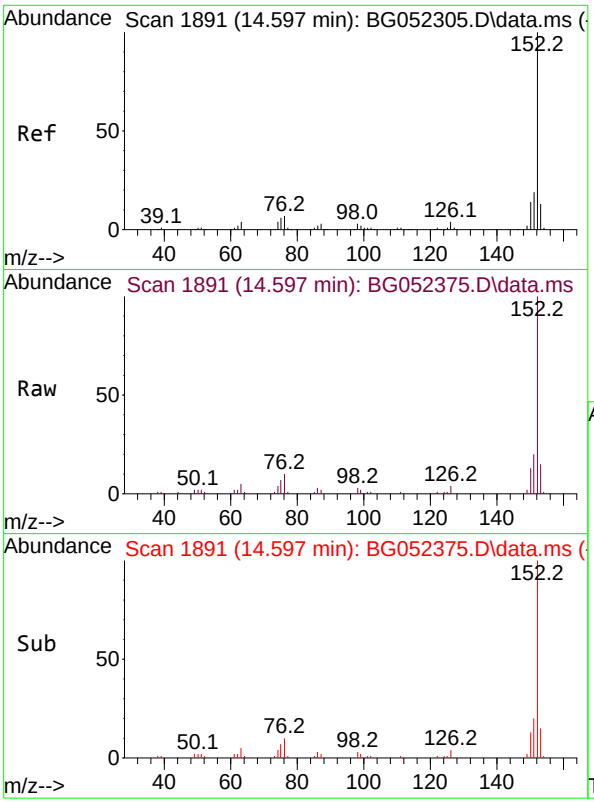


#48
2-Nitroaniline
Concen: 4.525 ng
RT: 13.950 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion: 65 Resp: 6484

Ion	Ratio	Lower	Upper
65	100		
92	70.5	51.0	76.6
138	95.0	72.4	108.6



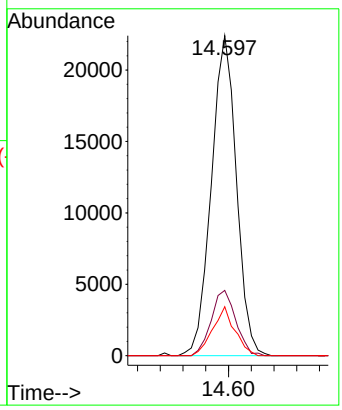


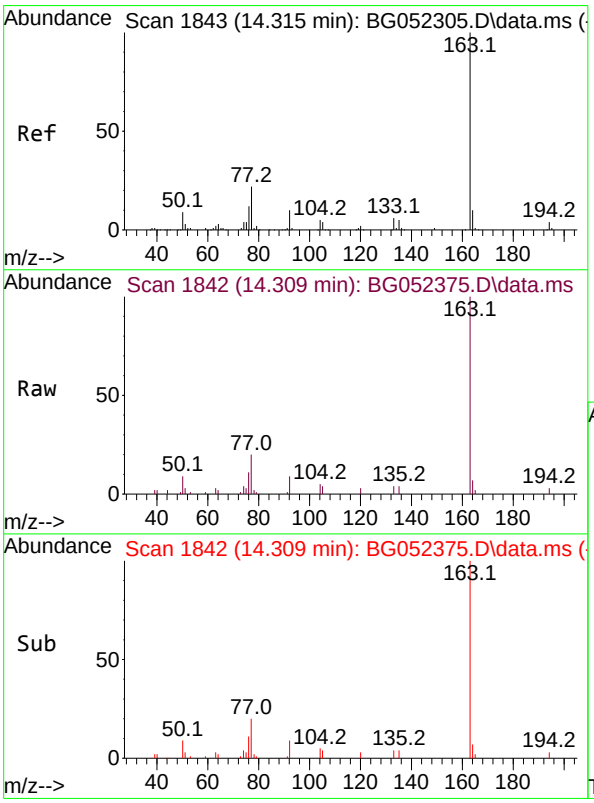
#49
Acenaphthylene
Concen: 5.237 ng
RT: 14.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:152 Resp: 34310

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	15.3	10.8	16.2

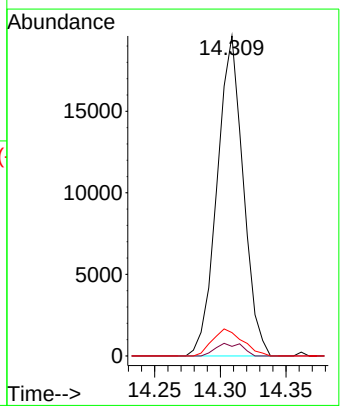


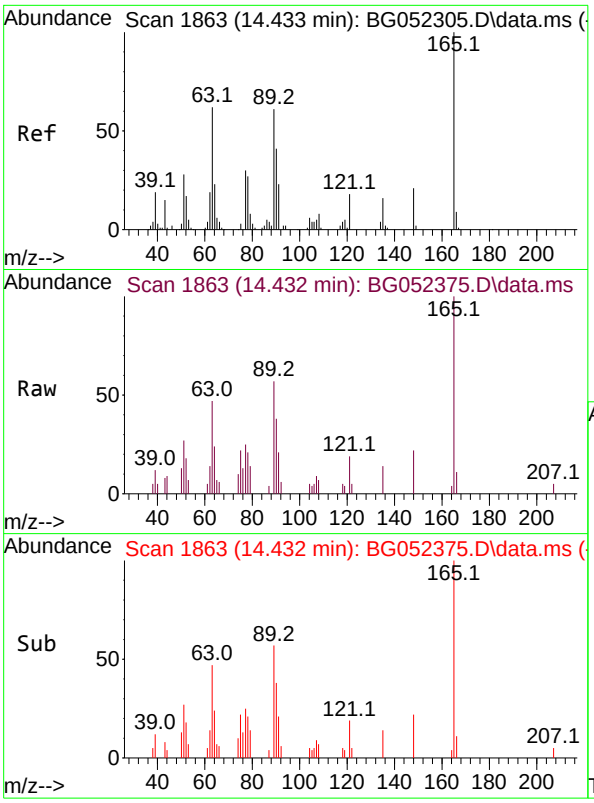


#50
Dimethylphthalate
Concen: 4.970 ng
RT: 14.309 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:163 Resp: 27119

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.4	5.2#
164	7.3	8.4	12.6#



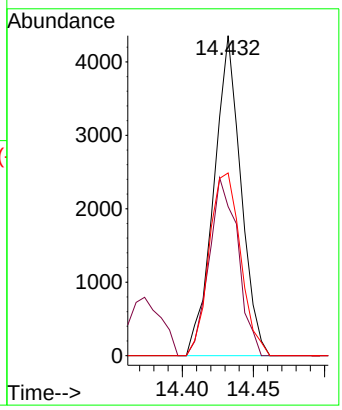


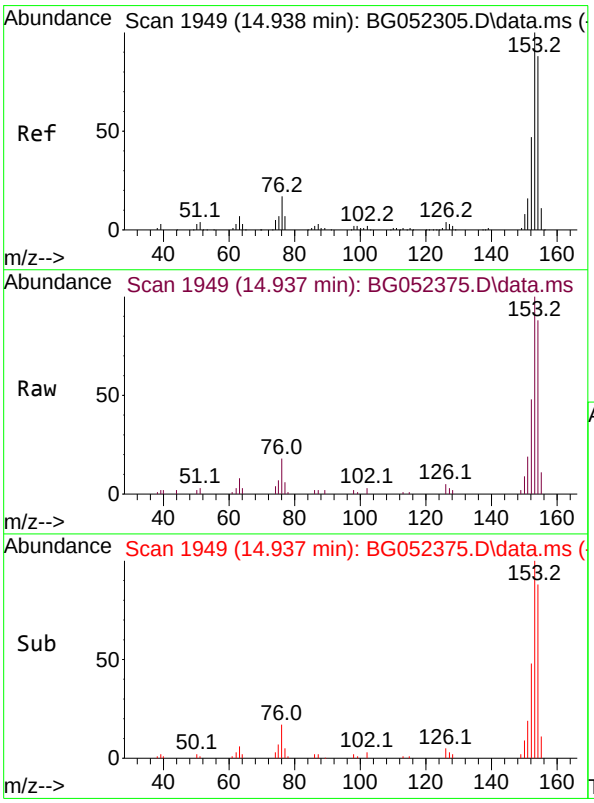
#51
2,6-Dinitrotoluene
Concen: 4.906 ng
RT: 14.432 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:165 Resp: 5777

Ion	Ratio	Lower	Upper
165	100		
63	46.6	59.0	88.4#
89	57.1	49.4	74.0

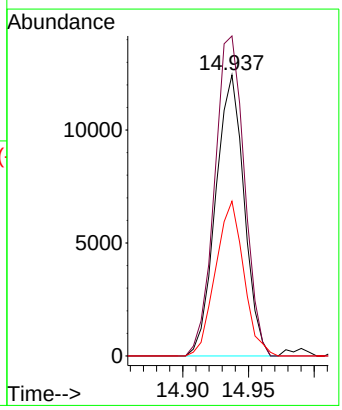


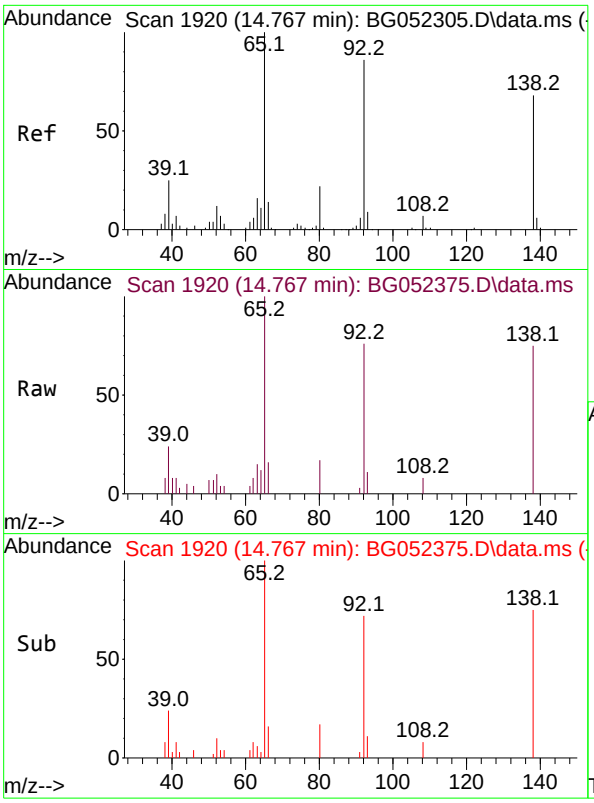


#52
Acenaphthene
Concen: 4.372 ng
RT: 14.937 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:154 Resp: 18758

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.9	137.9
152	55.1	43.4	65.2



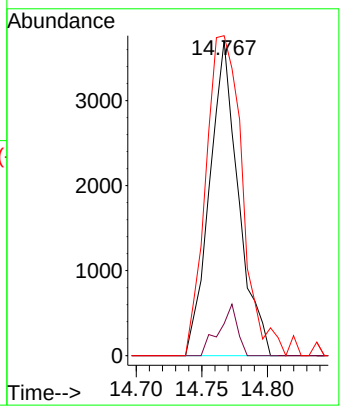


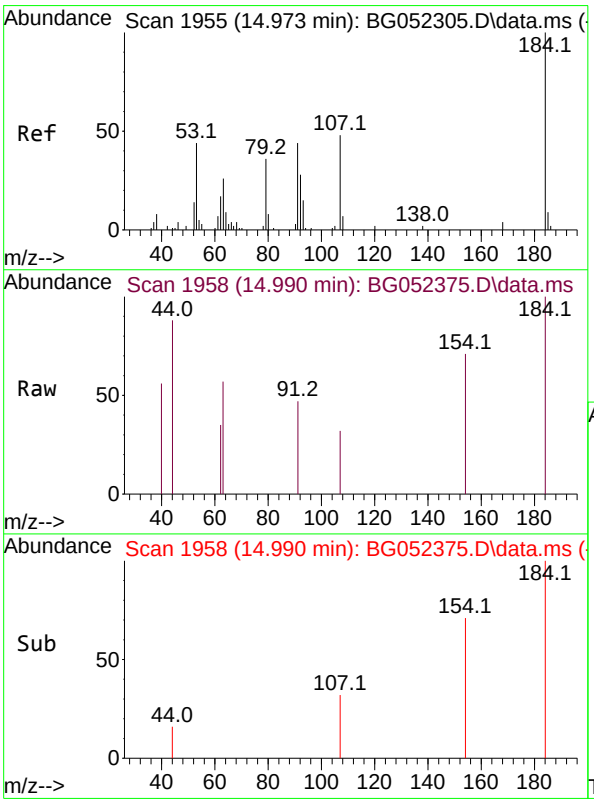
#53
3-Nitroaniline
Concen: 4.633 ng
RT: 14.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:138 Resp: 5671

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	101.6	100.4	150.6

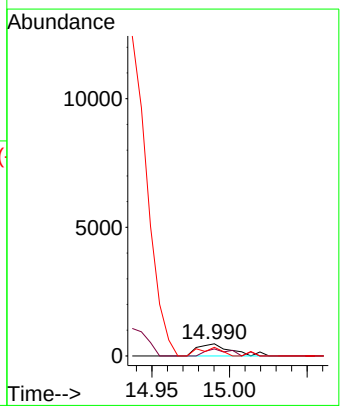


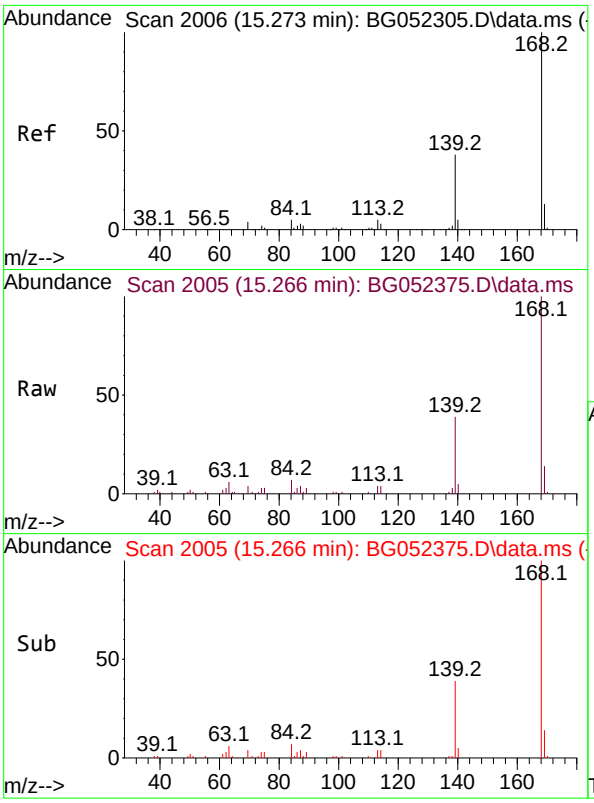


#54
2,4-Dinitrophenol
Concen: 1.110 ng
RT: 14.990 min Scan# 1958
Delta R.T. 0.017 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:184 Resp: 709

Ion	Ratio	Lower	Upper
184	100		
63	57.4	56.0	84.0
154	70.6	50.2	75.2



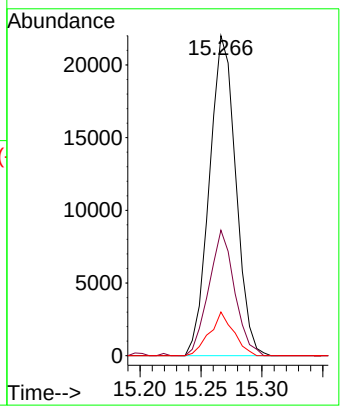


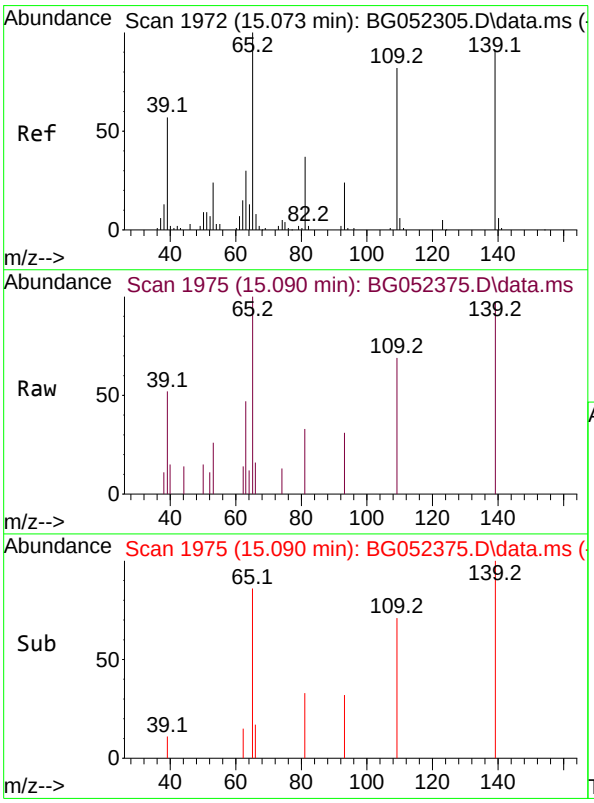
#55
Dibenzofuran
Concen: 4.904 ng
RT: 15.266 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:168 Resp: 33089

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.7	46.1
169	13.7	10.9	16.3

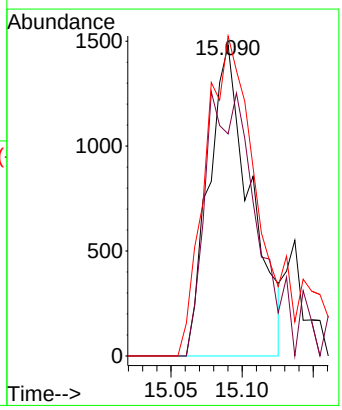


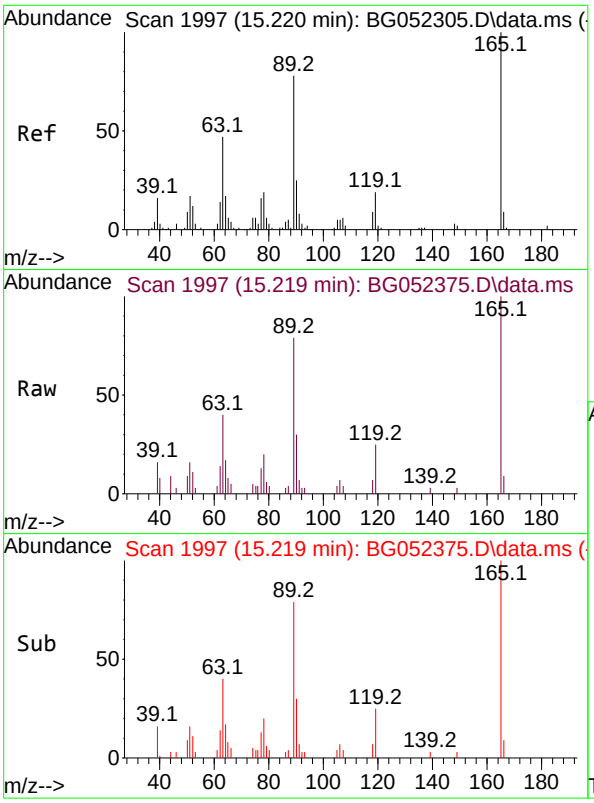


#56
4-Nitrophenol
Concen: 3.276 ng
RT: 15.090 min Scan# 1975
Delta R.T. 0.017 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:139 Resp: 3011

Ion	Ratio	Lower	Upper
139	100		
109	71.4	84.9	124.9#
65	103.0	109.9	149.9#



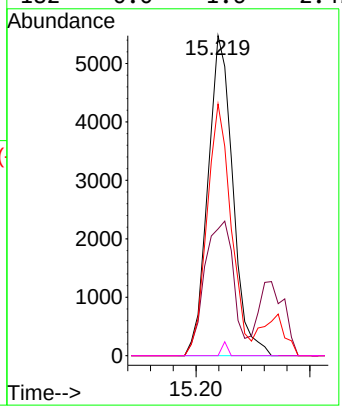


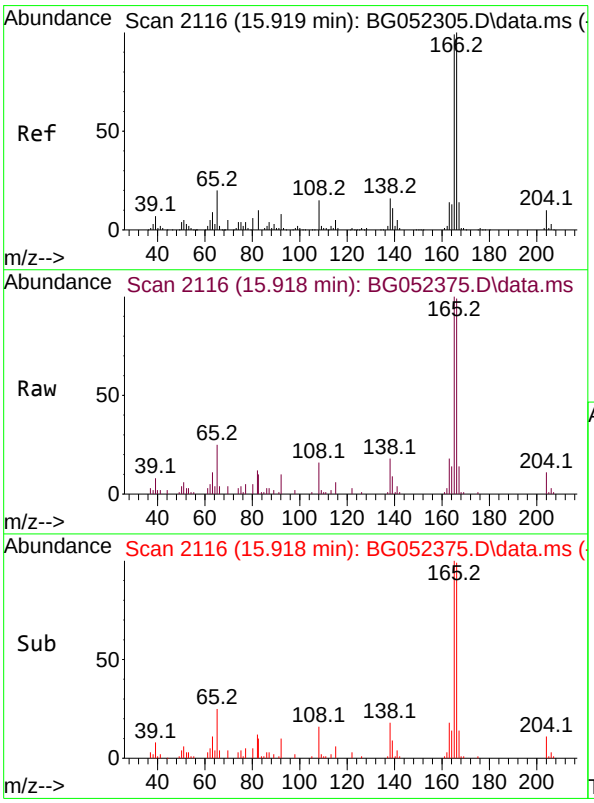
#57
2,4-Dinitrotoluene
Concen: 4.971 ng
RT: 15.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:165 Resp: 8331

Ion	Ratio	Lower	Upper
165	100		
63	39.6	44.6	66.8#
89	78.6	67.4	101.0
182	0.0	1.6	2.4#

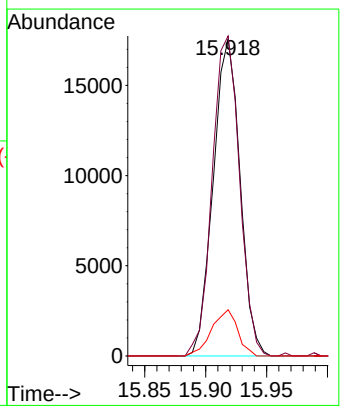


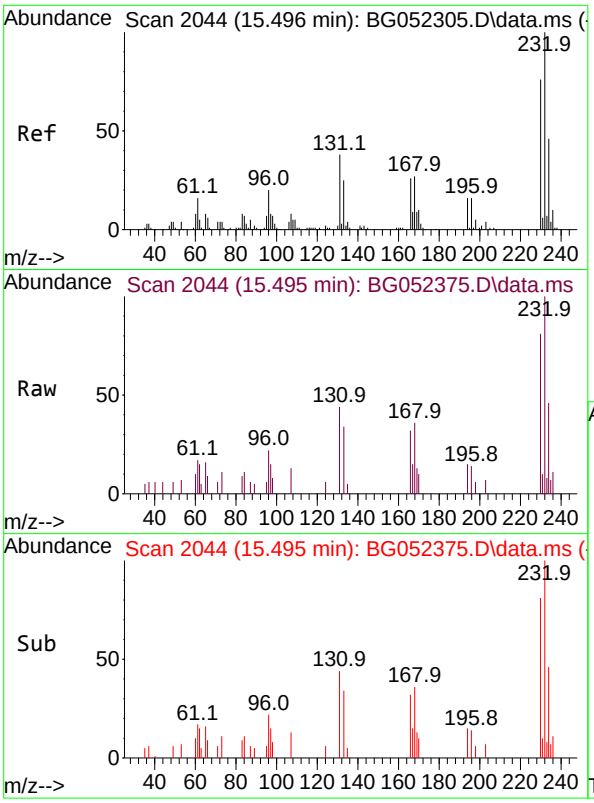


#58
Fluorene
Concen: 4.993 ng
RT: 15.918 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:166 Resp: 26894

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.0	120.0
167	14.6	11.1	16.7



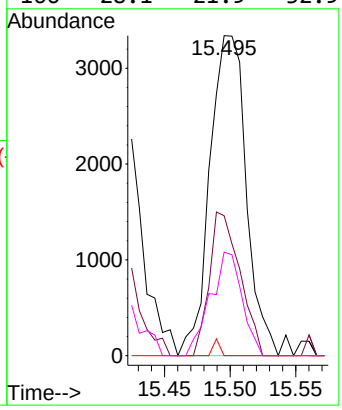


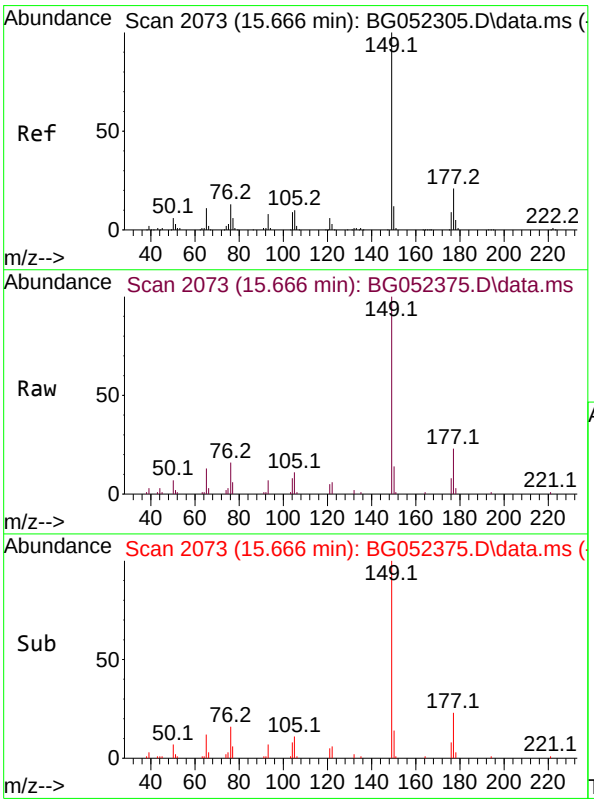
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.054 ng
RT: 15.495 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:232 Resp: 6431

Ion	Ratio	Lower	Upper
232	100		
131	37.8	32.2	48.4
130	1.0	2.2	3.4#
166	28.1	21.9	32.9

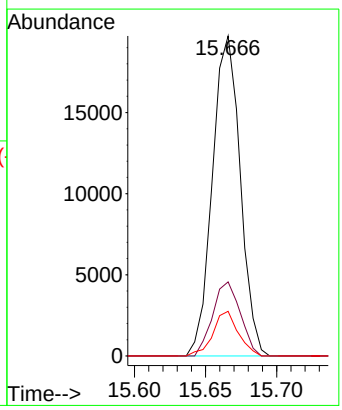


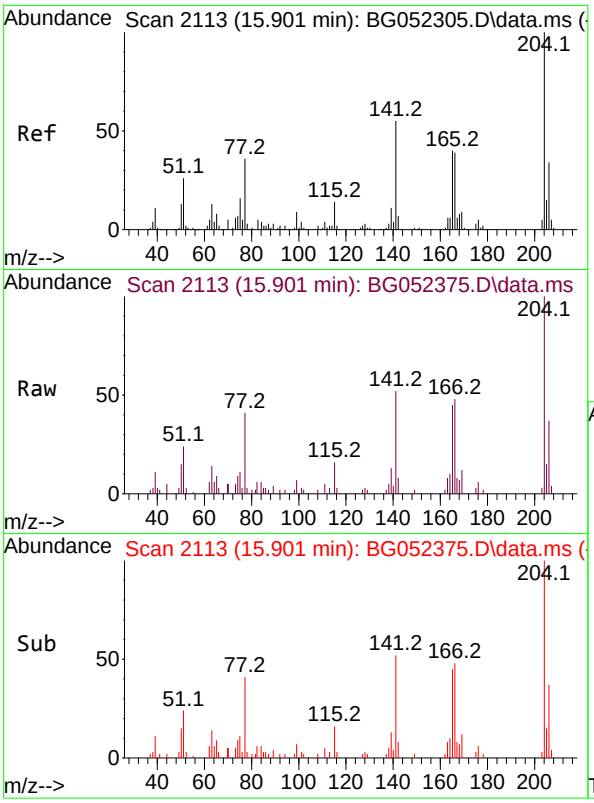


#60
Diethylphthalate
Concen: 4.871 ng
RT: 15.666 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:149 Resp: 26853

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.6
150	13.9	9.2	13.8#



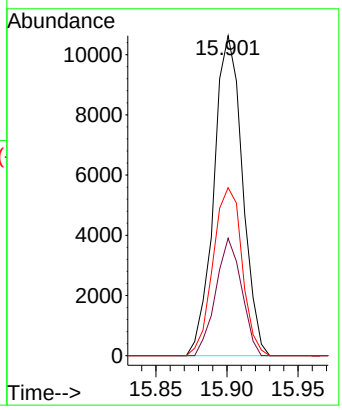


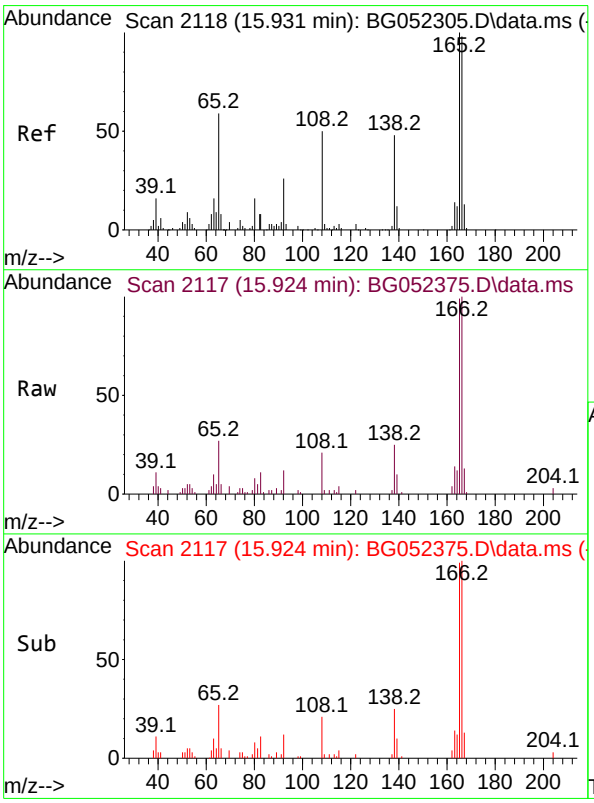
#61
4-Chlorophenyl-phenylether
Concen: 4.844 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:204 Resp: 14863

Ion	Ratio	Lower	Upper
204	100		
206	36.7	28.4	42.6
141	52.5	41.8	62.6

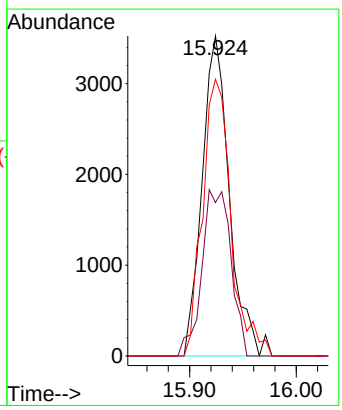


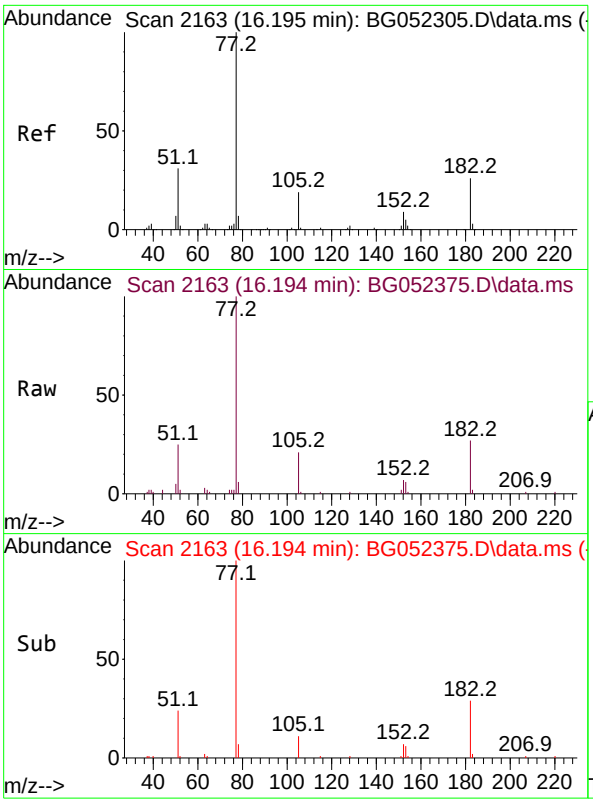


#62
4-Nitroaniline
Concen: 4.870 ng
RT: 15.924 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:138 Resp: 6275

Ion	Ratio	Lower	Upper
138	100		
92	47.9	35.5	75.5
108	86.5	96.4	136.4#



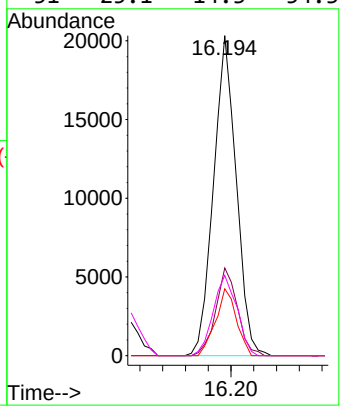


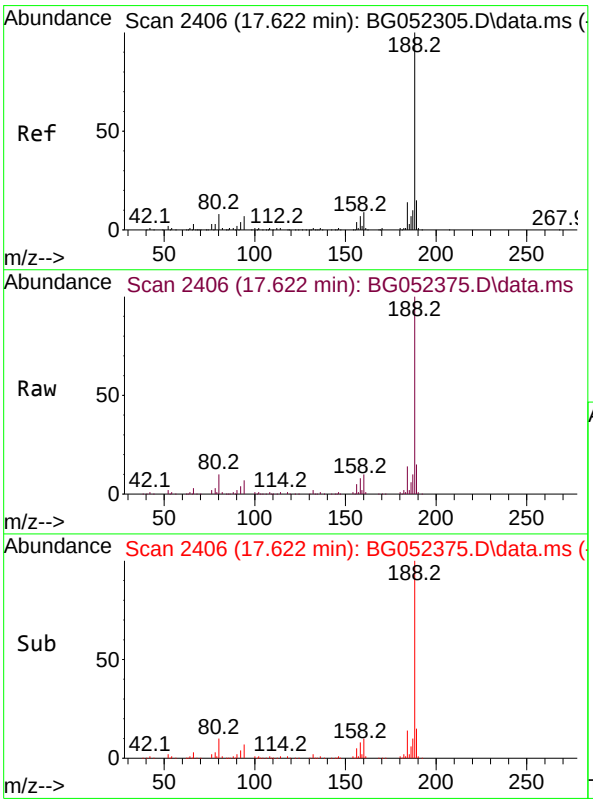
#63
Azobenzene
Concen: 4.989 ng
RT: 16.194 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 28154

Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.1	44.1
105	20.9	0.0	37.5
51	25.1	14.3	54.3

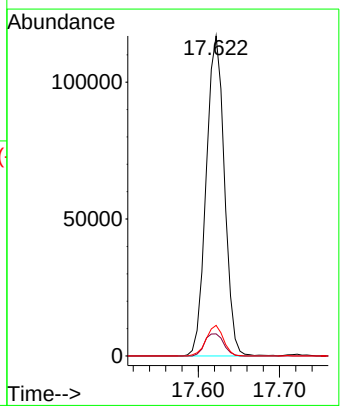


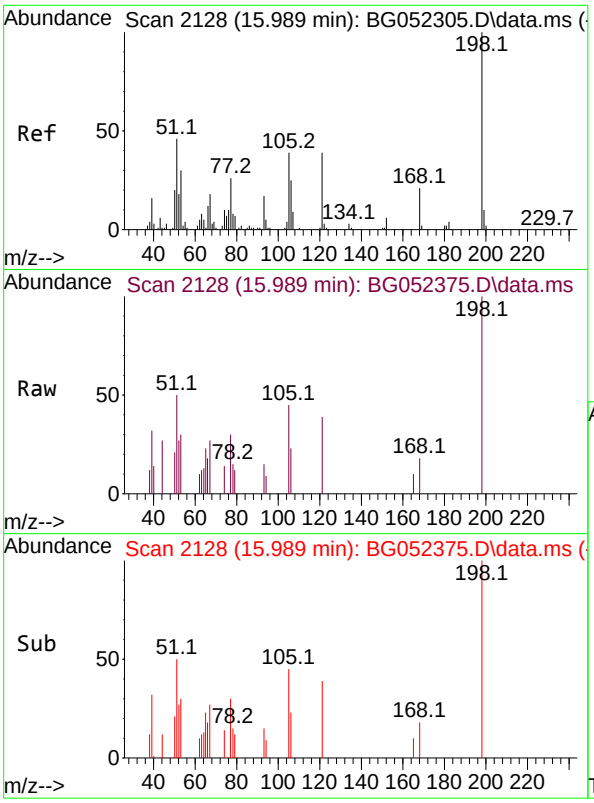


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:188 Resp: 181742

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.9	8.9
80	9.5	6.6	10.0



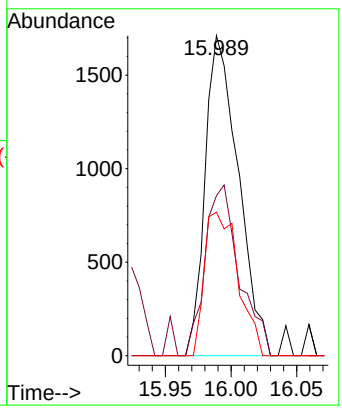


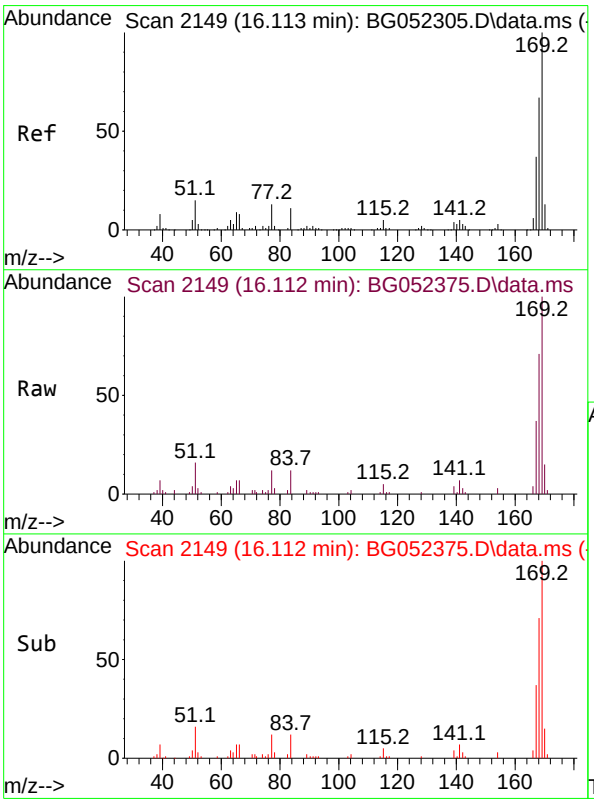
#65
4,6-Dinitro-2-methylphenol
Concen: 2.753 ng
RT: 15.989 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:198 Resp: 3010

Ion	Ratio	Lower	Upper
198	100		
51	50.0	31.6	71.6
105	44.9	22.3	62.3

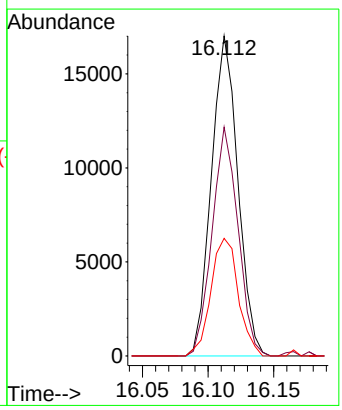


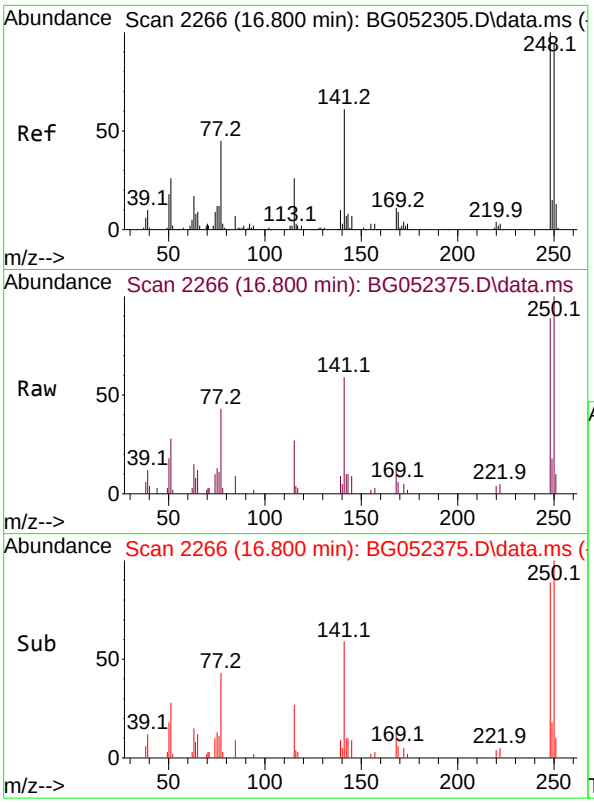


#66
n-Nitrosodiphenylamine
Concen: 4.770 ng
RT: 16.112 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:169 Resp: 23884

Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.4	86.0
167	36.7	29.5	44.3



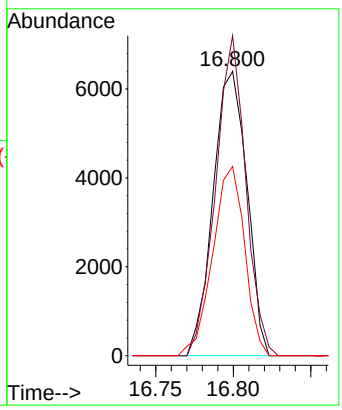


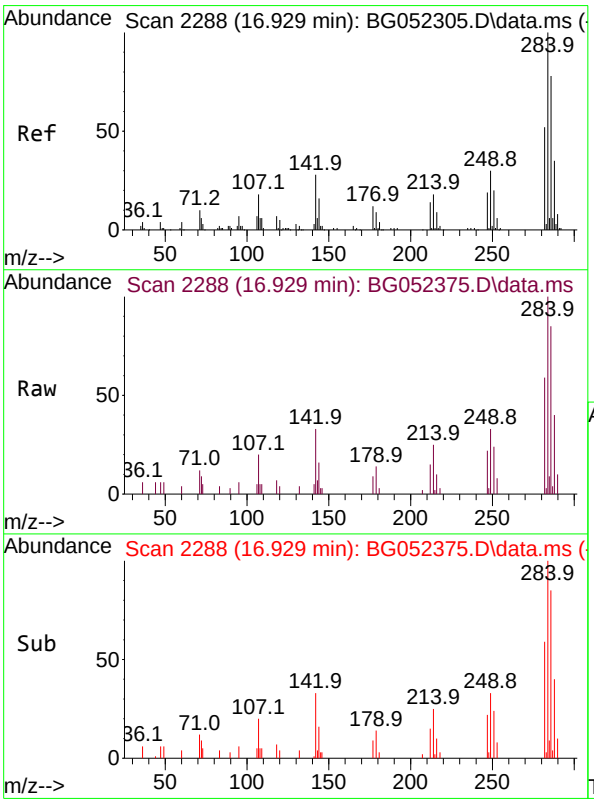
#67
4-Bromophenyl-phenylether
Concen: 4.381 ng
RT: 16.800 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:248 Resp: 9683

Ion	Ratio	Lower	Upper
248	100		
250	112.5	79.6	119.4
141	66.6	54.6	81.8

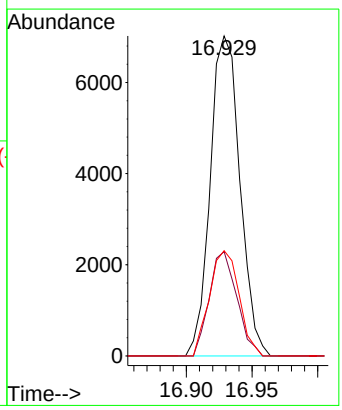


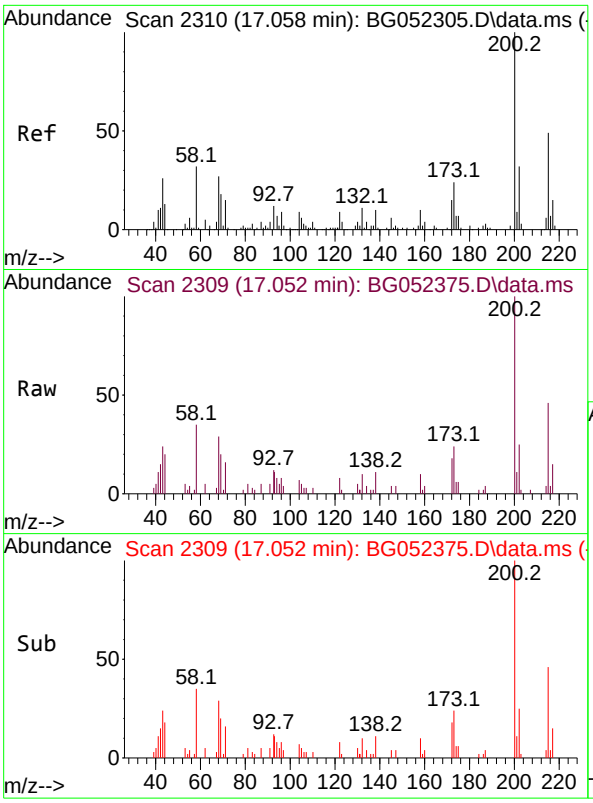


#68
Hexachlorobenzene
Concen: 4.605 ng
RT: 16.929 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:284 Resp: 11038

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.2	39.2
249	32.9	26.9	40.3



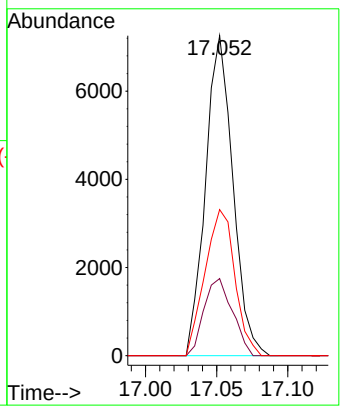


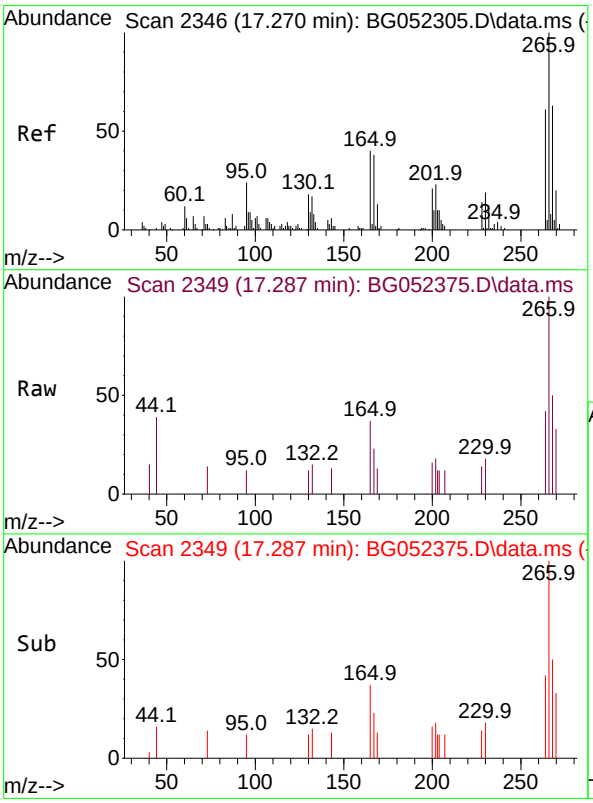
#69
Atrazine
Concen: 4.800 ng
RT: 17.052 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:200 Resp: 9718

Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.3	43.3
215	45.6	24.4	64.4

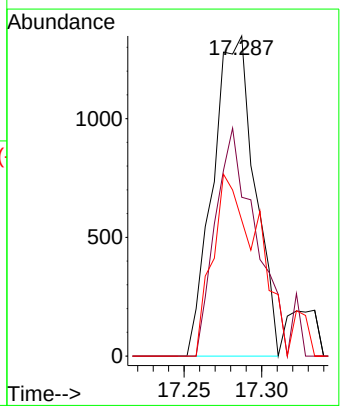


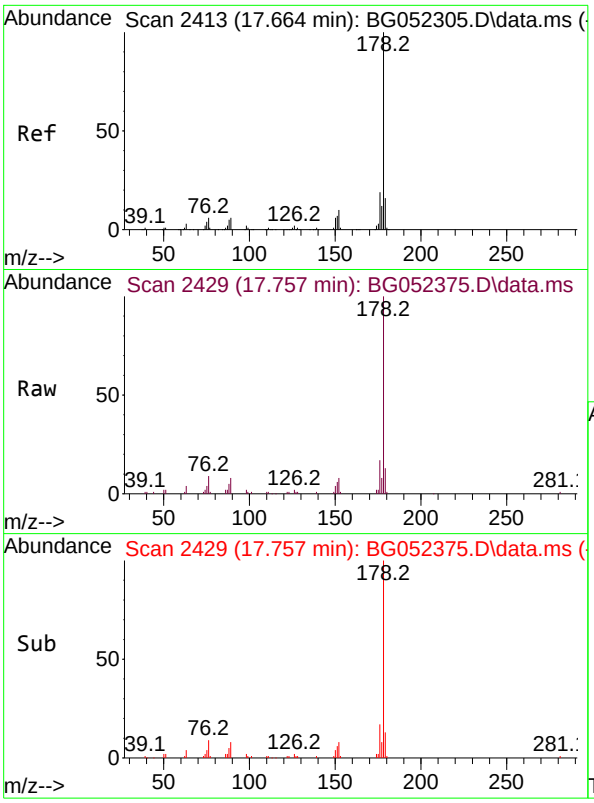


#70
Pentachlorophenol
Concen: 2.148 ng
RT: 17.287 min Scan# 2349
Delta R.T. 0.017 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:266 Resp: 2519

Ion	Ratio	Lower	Upper
266	100		
268	49.6	50.6	75.8#
264	42.4	52.2	78.2#



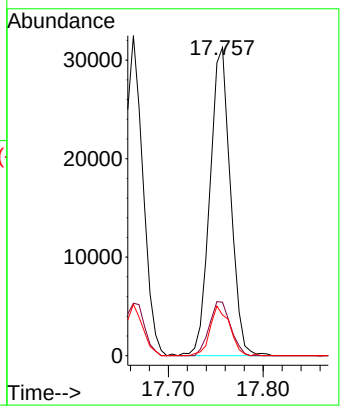


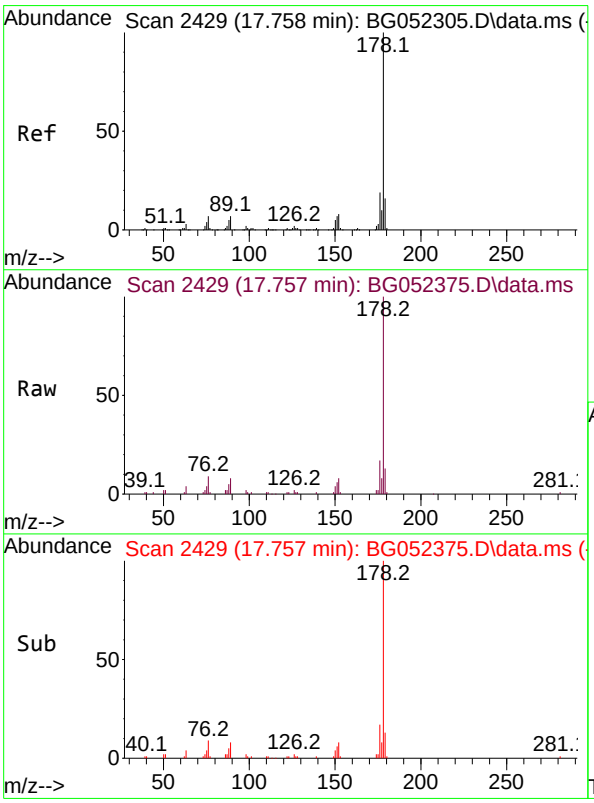
#71
Phenanthrene
Concen: 5.041 ng
RT: 17.757 min Scan# 24
Delta R.T. 0.094 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:178 Resp: 47227

Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.6	25.0
179	13.2	12.6	18.8

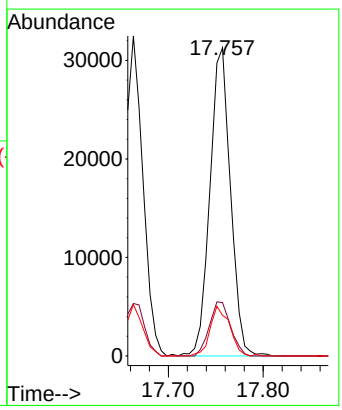


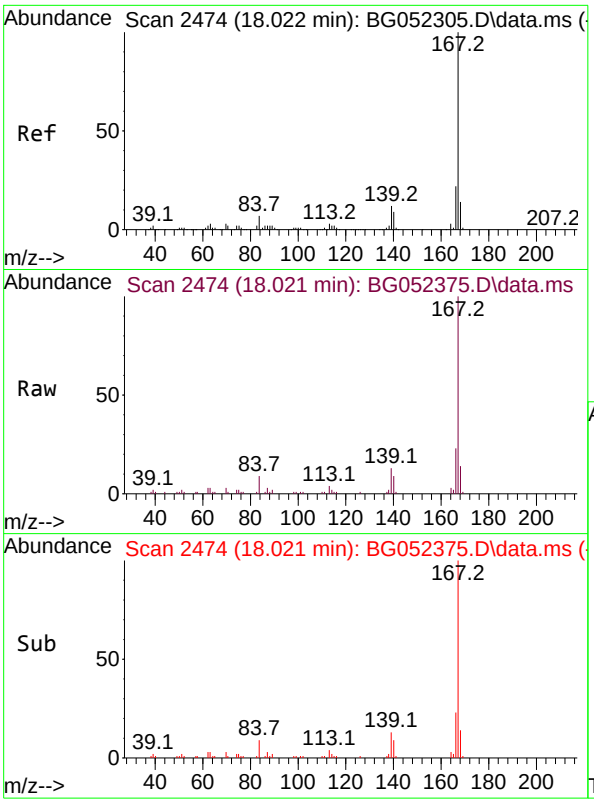


#72
Anthracene
Concen: 5.144 ng
RT: 17.757 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:178 Resp: 47227

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.3	22.9
179	13.2	13.1	19.7



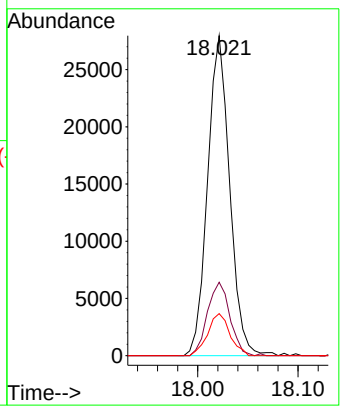


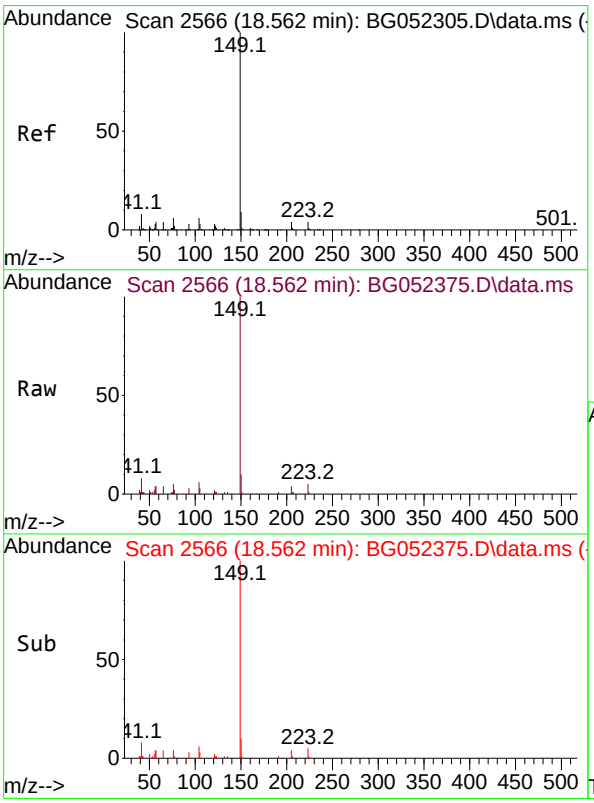
#73
Carbazole
Concen: 4.772 ng
RT: 18.021 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:167 Resp: 42730

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	13.1	10.6	16.0

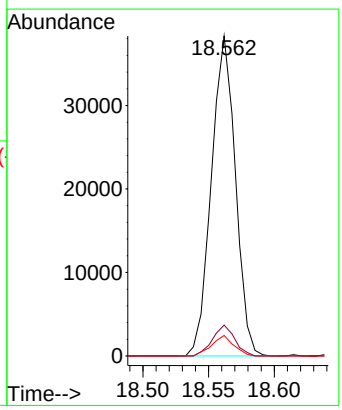


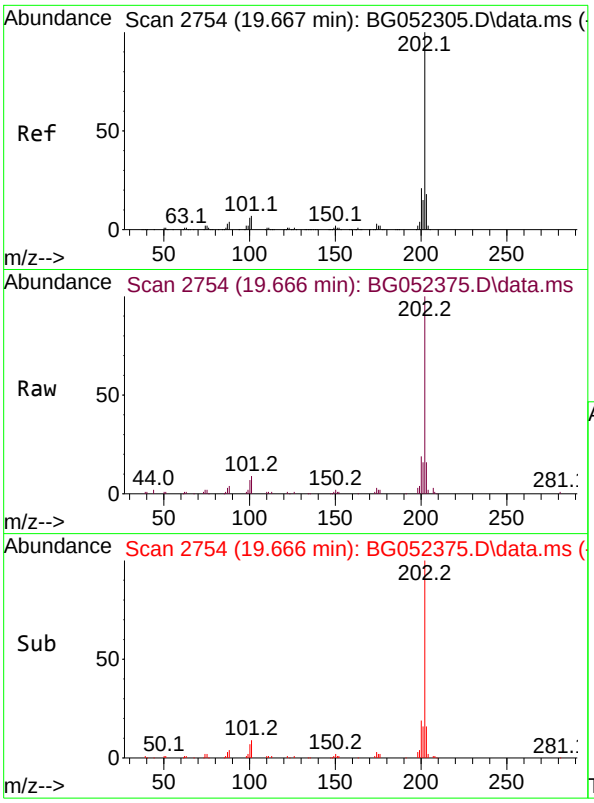


#74
Di-n-butylphthalate
Concen: 5.001 ng
RT: 18.562 min Scan# 2566
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:149 Resp: 48787

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	6.4	5.4	8.2



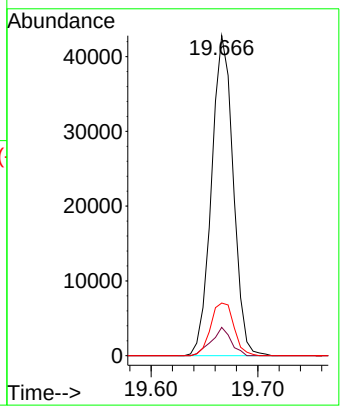


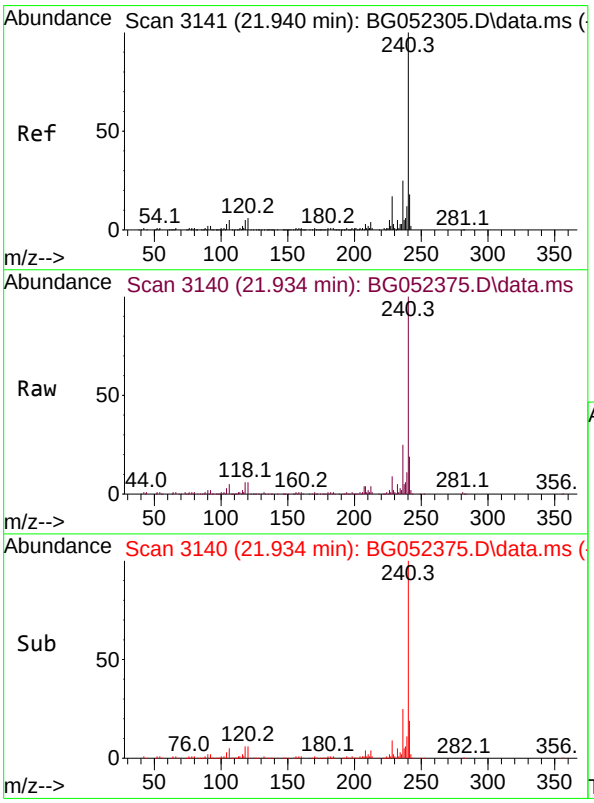
#75
Fluoranthene
Concen: 5.067 ng
RT: 19.666 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:202 Resp: 60444

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	27.1
203	16.5	0.0	37.8

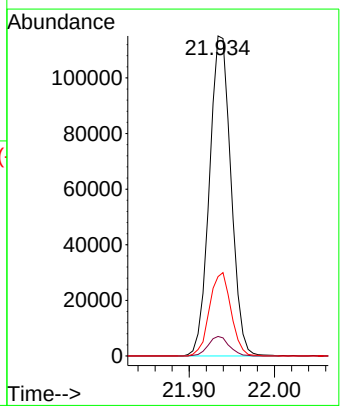


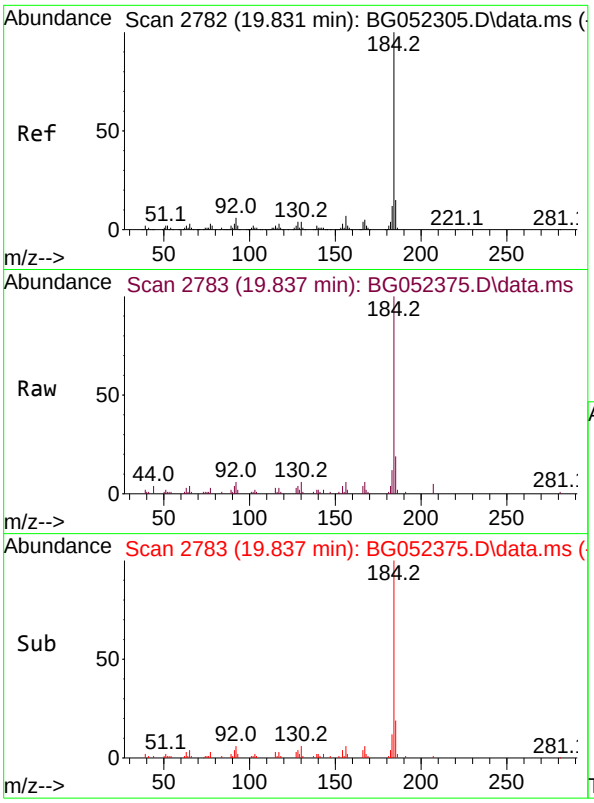


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:240 Resp: 202407

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.4	6.6
236	24.8	20.8	31.2



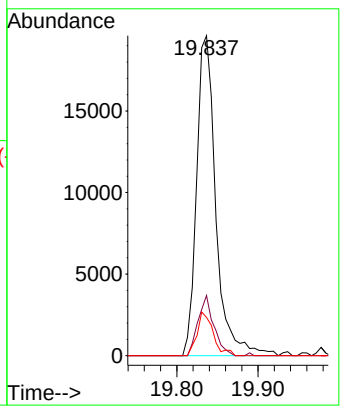


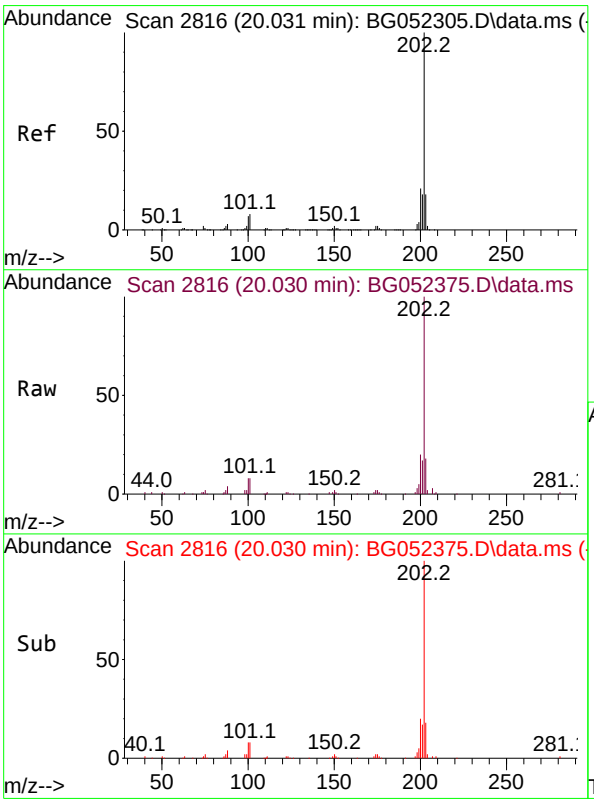
#77
Benzidine
Concen: 7.462 ng
RT: 19.837 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:184 Resp: 32273

Ion	Ratio	Lower	Upper
184	100		
185	18.8	11.8	17.8#
183	12.0	9.8	14.6

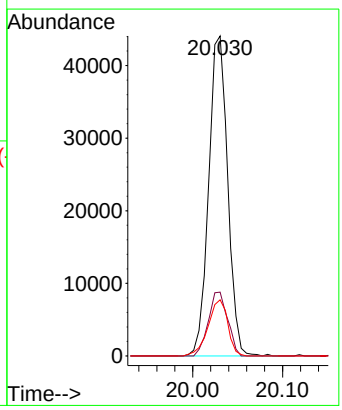


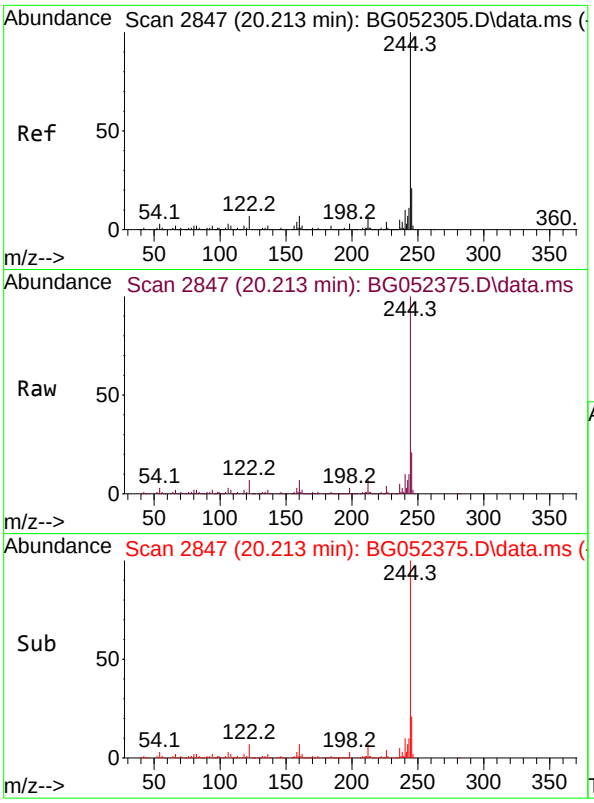


#78
Pyrene
Concen: 4.781 ng
RT: 20.030 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:202 Resp: 64756

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.5	14.5	21.7



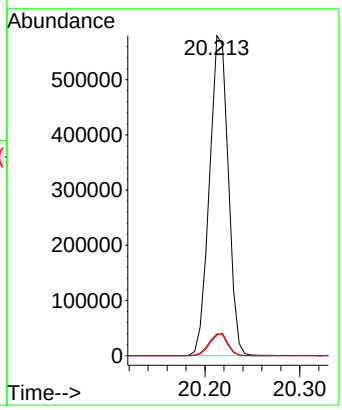


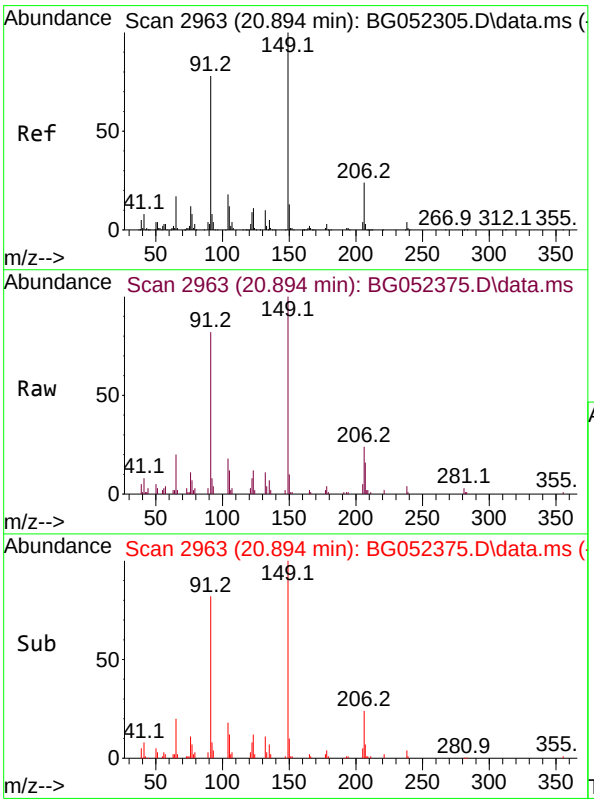
#79
Terphenyl-d14
Concen: 69.767 ng
RT: 20.213 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:244 Resp: 799685

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	6.9	6.2	9.4

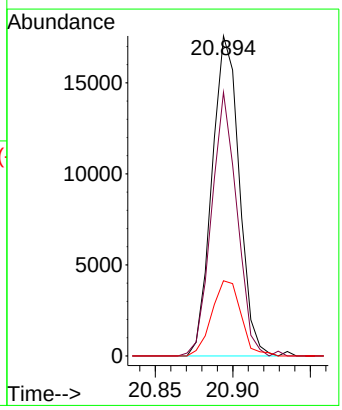


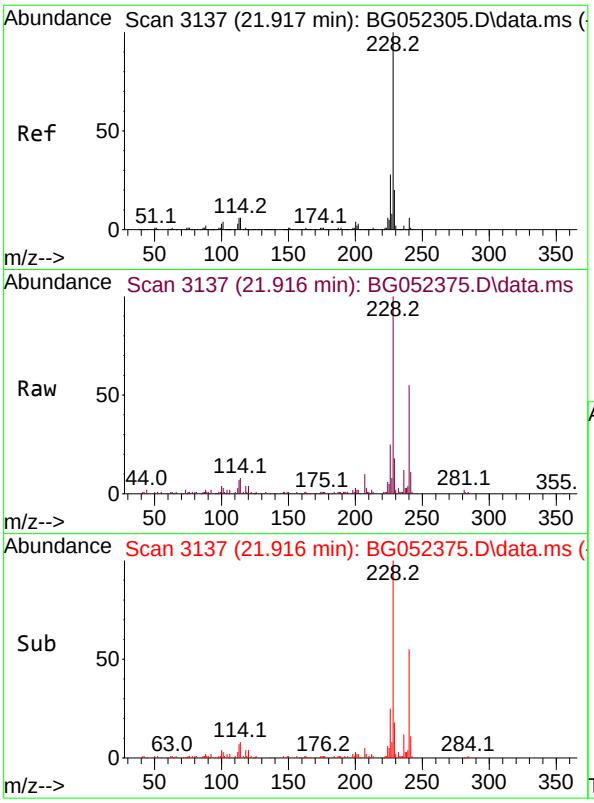


#80
Butylbenzylphthalate
Concen: 4.562 ng
RT: 20.894 min Scan# 2963
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:149 Resp: 21460

Ion	Ratio	Lower	Upper
149	100		
91	82.4	64.0	96.0
206	23.5	19.3	28.9



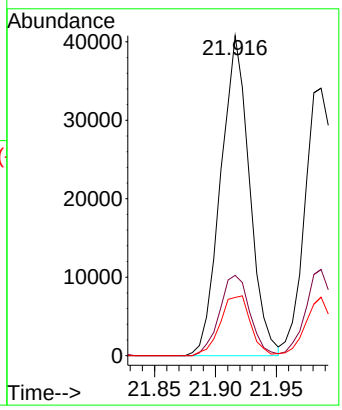


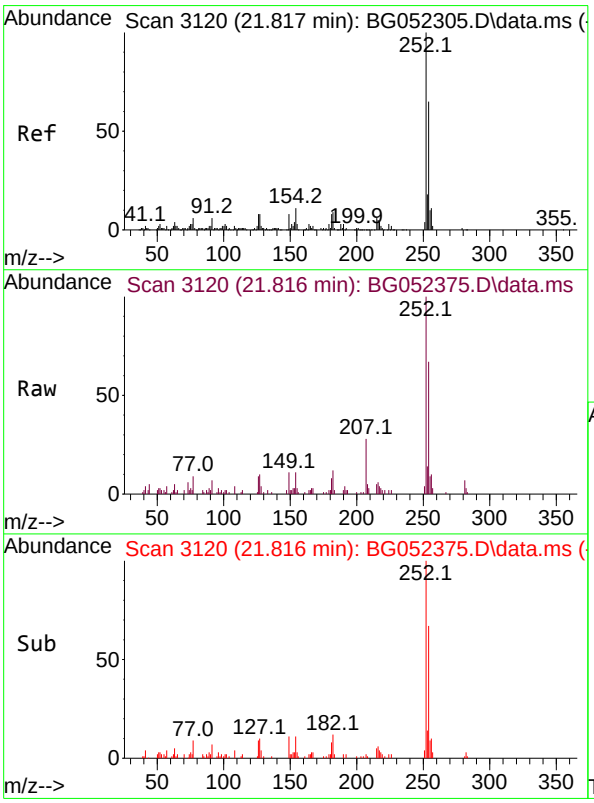
#81
Benzo(a)anthracene
Concen: 5.009 ng
RT: 21.916 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:228 Resp: 67091

Ion	Ratio	Lower	Upper
228	100		
226	25.1	21.6	32.4
229	18.2	16.0	24.0

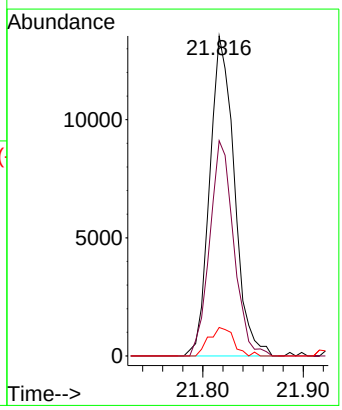


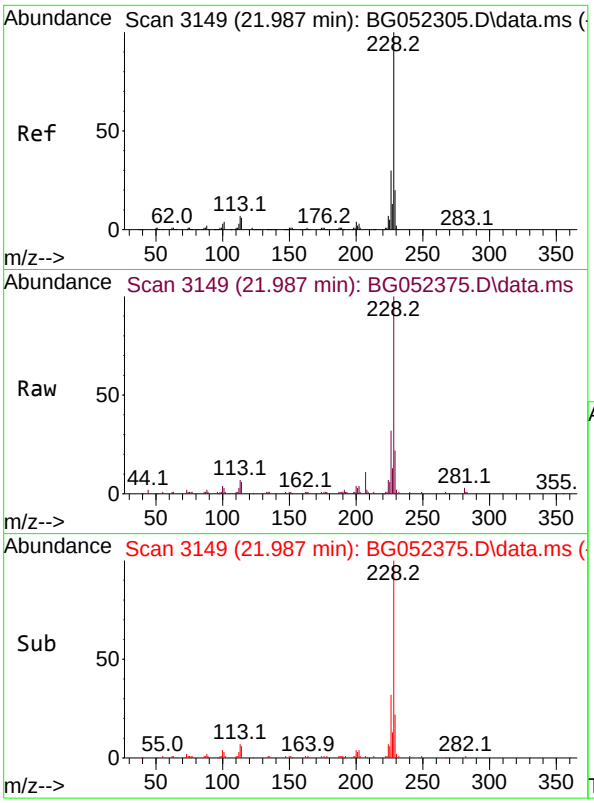


#82
3,3'-Dichlorobenzidine
Concen: 4.927 ng
RT: 21.816 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:252 Resp: 23040

Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.6	79.0
126	8.9	6.4	9.6



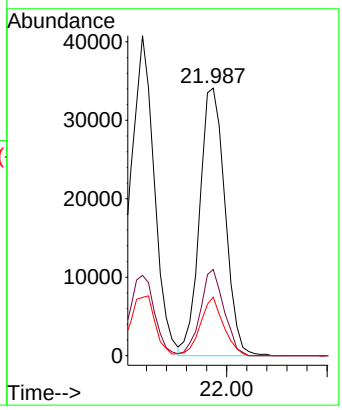


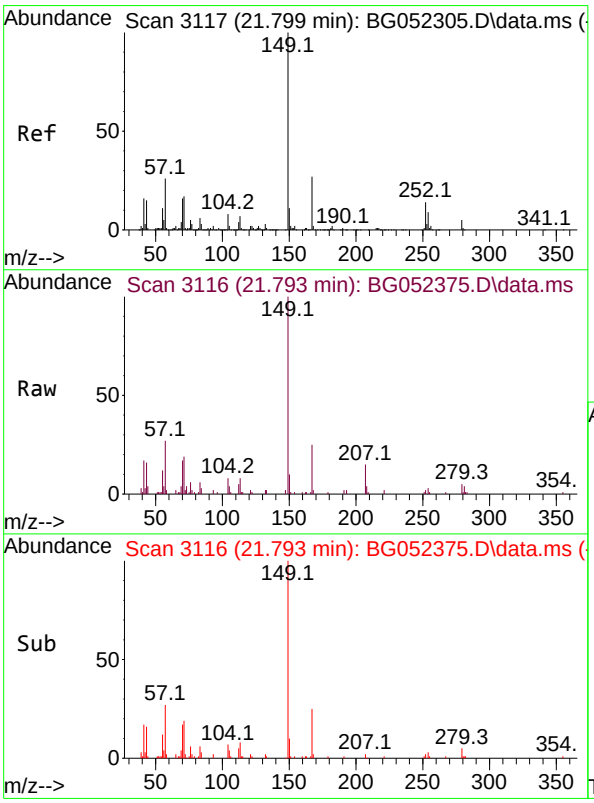
#83
Chrysene
Concen: 4.723 ng
RT: 21.987 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:228 Resp: 59951

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.1	36.1
229	21.9	16.4	24.6

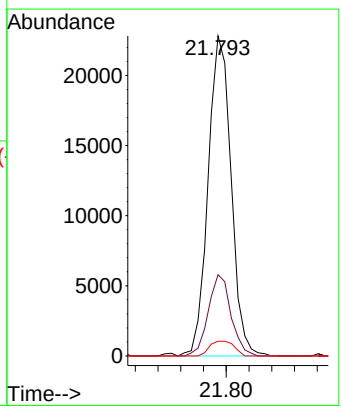


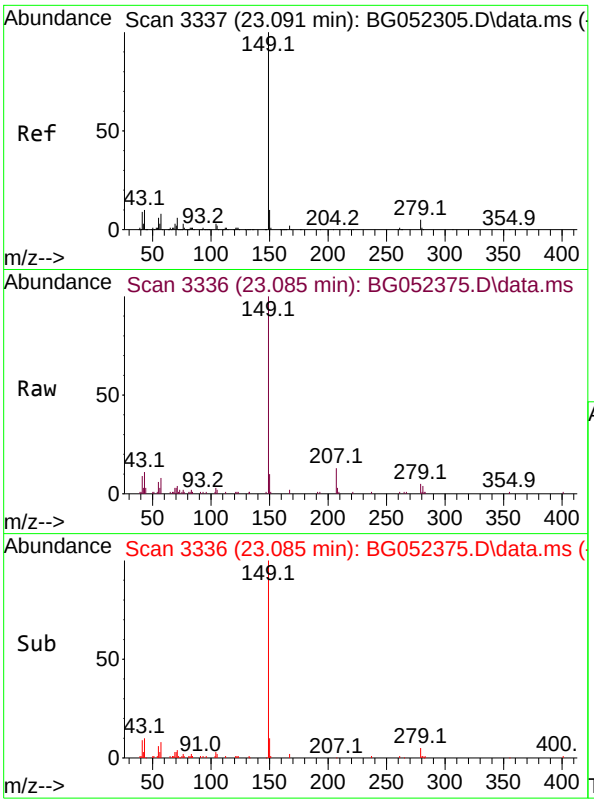


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.896 ng
RT: 21.793 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:149 Resp: 31941

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	4.6	4.2	6.2



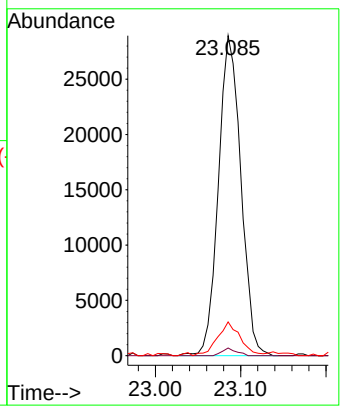


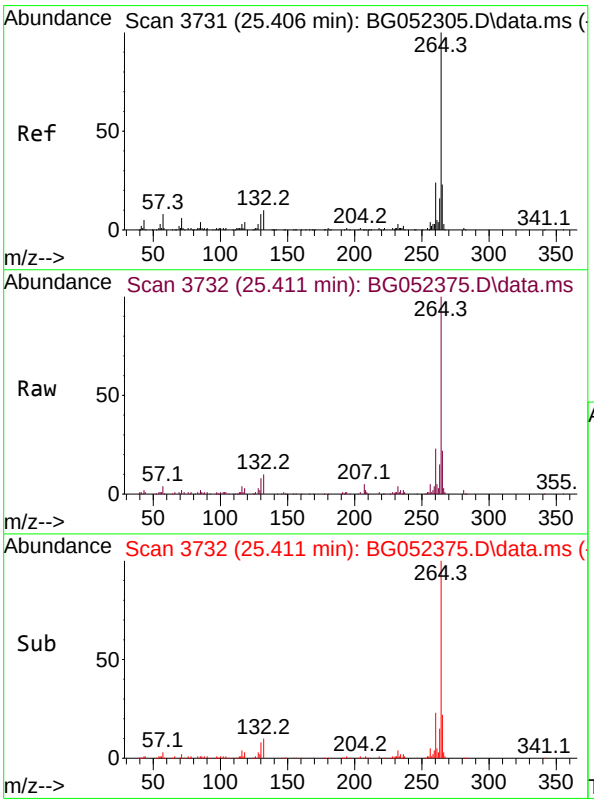
#85
Di-n-octyl phthalate
Concen: 4.843 ng
RT: 23.085 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:149 Resp: 52971

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	10.7	10.0	15.0

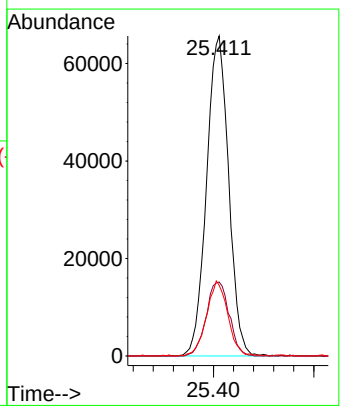


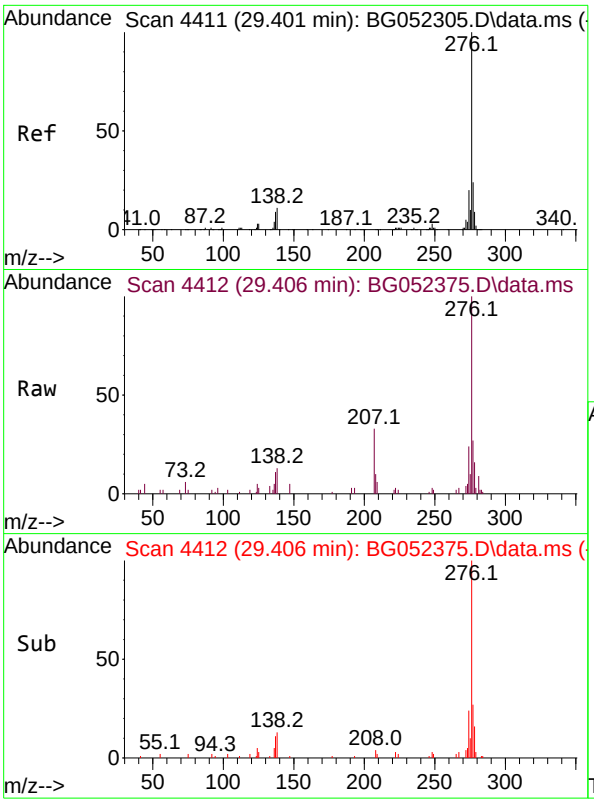


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 3732
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:264 Resp: 200422

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.1	17.8	26.6



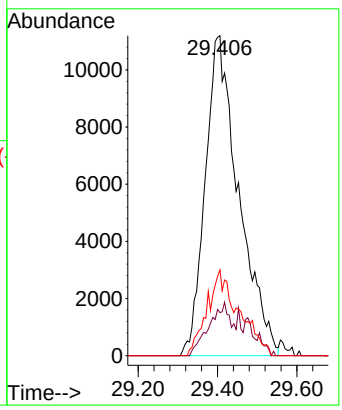


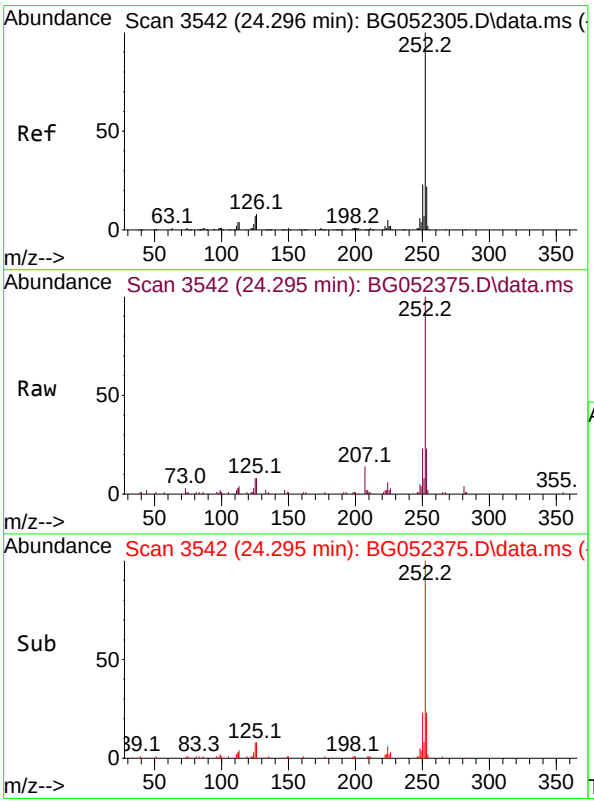
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.484 ng
RT: 29.406 min Scan# 44
Delta R.T. 0.005 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:276 Resp: 65766

Ion	Ratio	Lower	Upper
276	100		
138	10.0	6.1	9.1#
277	17.8	20.2	30.4#

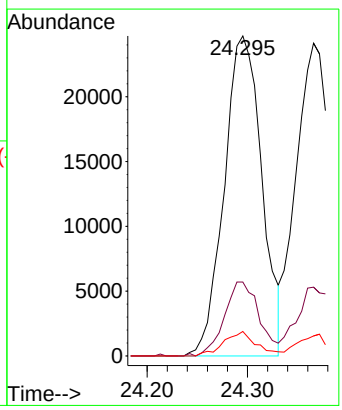


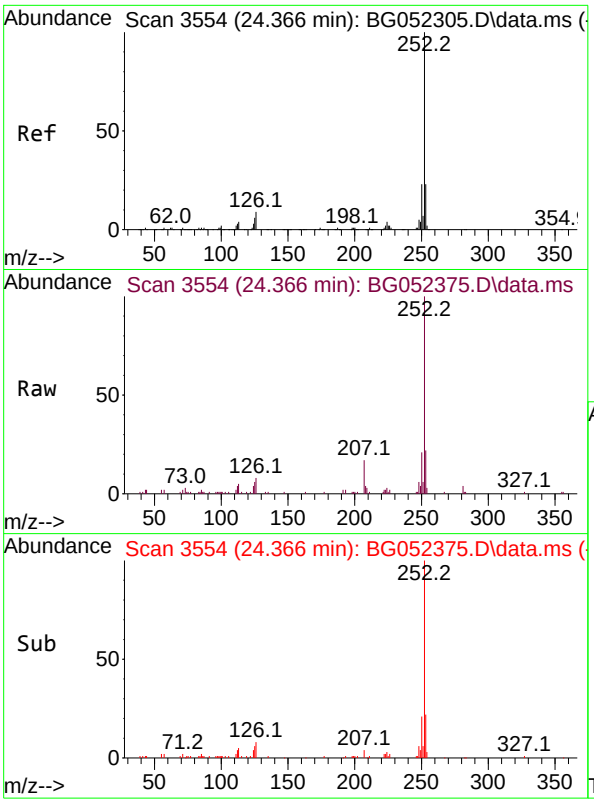


#88
Benzo(b)fluoranthene
Concen: 5.150 ng
RT: 24.295 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:252 Resp: 64316

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	7.6	5.4	8.2



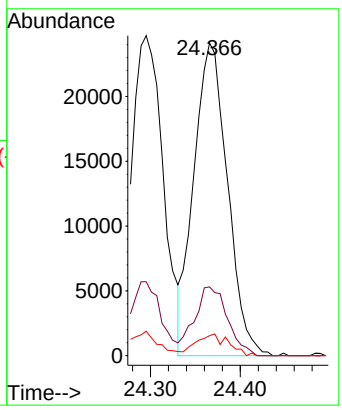


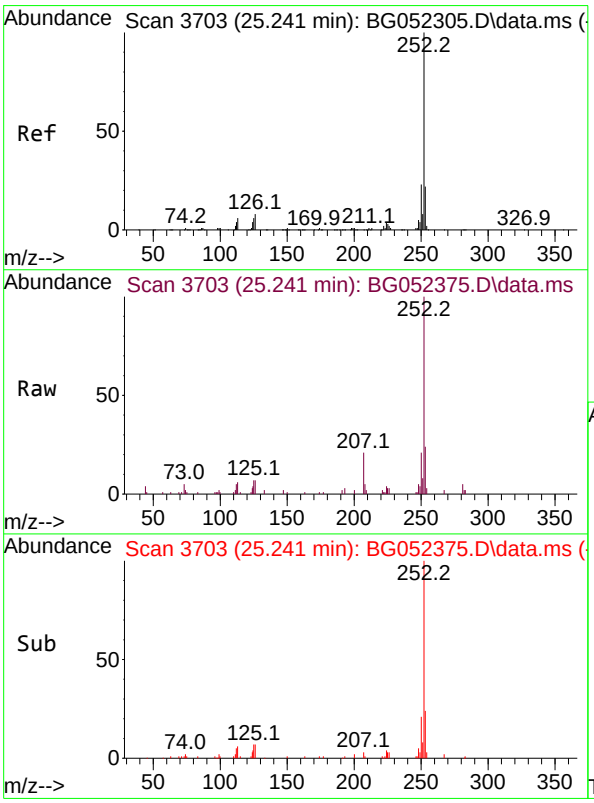
#89
Benzo(k)fluoranthene
Concen: 5.091 ng
RT: 24.366 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:252 Resp: 62806

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.4	4.6	7.0

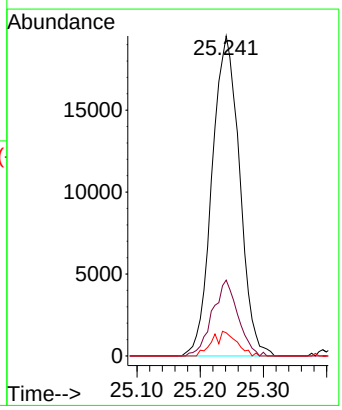


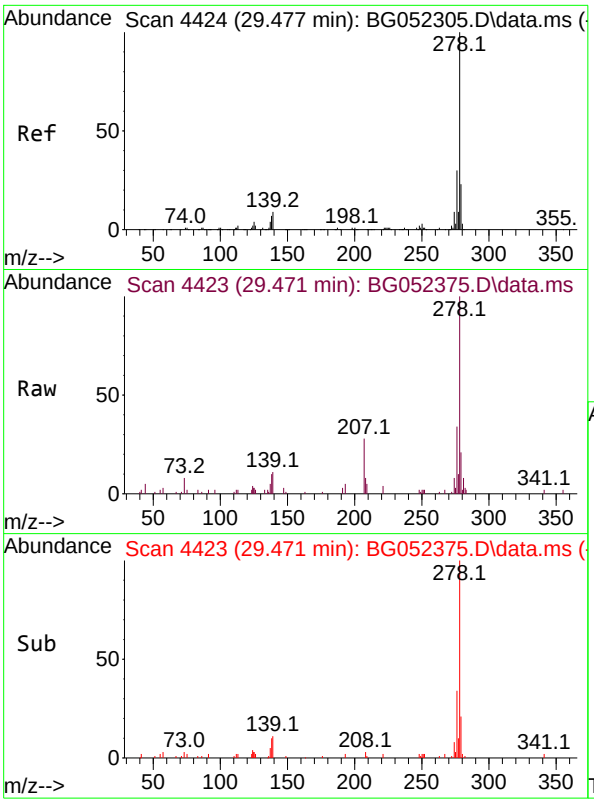


#90
Benzo(a)pyrene
Concen: 5.595 ng
RT: 25.241 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:252 Resp: 59030

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	7.3	5.0	7.6



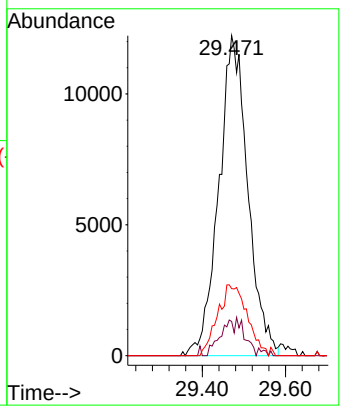


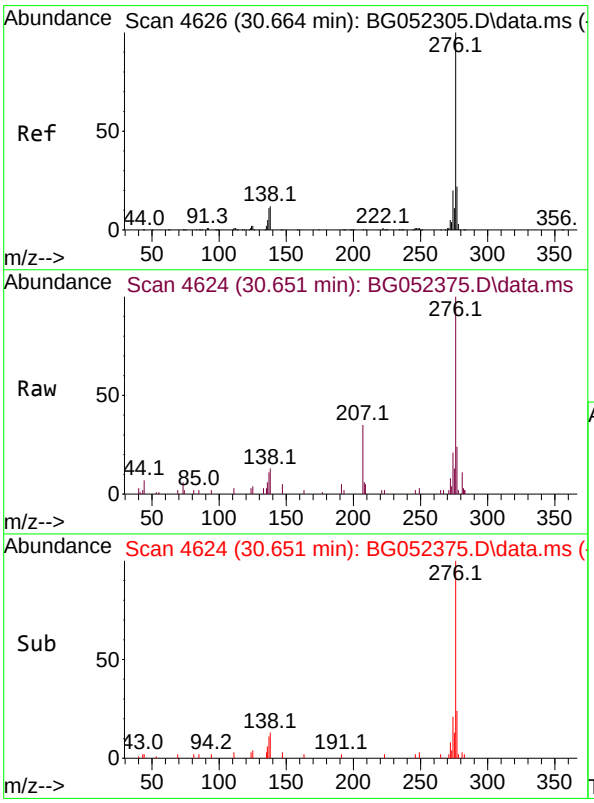
#91
Dibenzo(a,h)anthracene
Concen: 4.877 ng
RT: 29.471 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

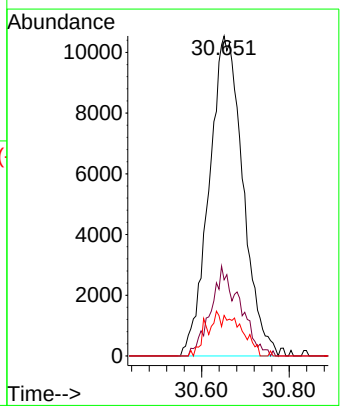
Tgt Ion:278 Resp: 59088

Ion	Ratio	Lower	Upper
278	100		
139	10.7	6.4	9.6#
279	21.0	20.1	30.1





#92
Benzo(g,h,i)perylene
Concen: 4.735 ng
RT: 30.651 min Scan# 4624
Delta R.T. -0.012 min
Lab File: BG052375.D
Acq: 11 Feb 2022 18:22

Tgt Ion:276 Resp: 56302

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.2
138	12.7	9.1	13.7