Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053689.D
Acq On : 24 May 2022 19:24
Operator : CG/JU
Sample : N3002-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Time: May 25 02:37:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

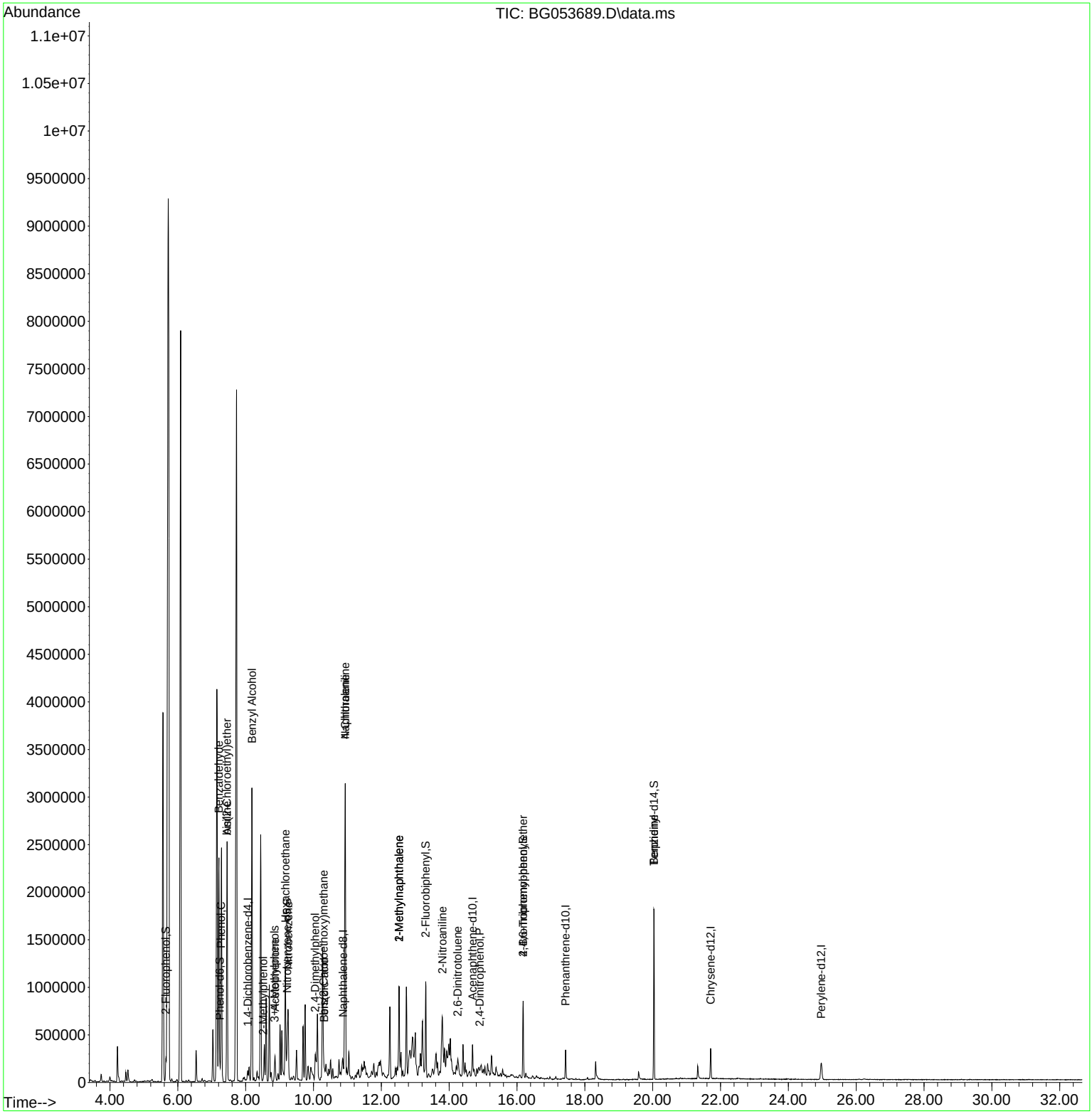
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	26044	20.000	ng	0.00
21) Naphthalene-d8	10.871	136	109326	20.000	ng	# 0.00
39) Acenaphthene-d10	14.689	164	82653	20.000	ng	# 0.00
64) Phenanthrene-d10	17.433	188	188874	20.000	ng	0.00
76) Chrysene-d12	21.709	240	190450	20.000	ng	0.00
86) Perylene-d12	24.970	264	196588	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	100685	65.611	ng	0.02
7) Phenol-d6	7.241	99	97843	42.011	ng	0.01
23) Nitrobenzene-d5	9.226	82	229304	89.284	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	166522	136.601	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	514625	90.984	ng	0.00
79) Terphenyl-d14	20.041	244	922132	90.178	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.446	93	9454	3.665	ng	# 1
9) Benzaldehyde	7.211	77	201527	136.207	ng	# 1
10) Phenol	7.270	94	7602	3.337	ng	# 1
11) bis(2-Chloroethyl)ether	7.446	93	9454	5.565	ng	# 1
15) Benzyl Alcohol	8.187	79	196981	101.166	ng	# 5
17) 2-Methylphenol	8.515	107	6536	4.245	ng	95
18) Hexachloroethane	9.173	117	140375	193.555	ng	# 1
20) 3+4-Methylphenols	8.850	107	26303	12.097	ng	# 71
22) Acetophenone	8.868	105	191520	64.008	ng	# 56
24) Nitrobenzene	9.256	77	27854	11.206	ng	# 5
27) 2,4-Dimethylphenol	10.049	122	63927	42.193	ng	97
28) bis(2-Chloroethoxy)met...	10.301	93	12269	4.936	ng	# 68
31) Naphthalene	10.936	128	2509955	451.338	ng	96
32) Benzoic acid	10.313	122	20258	26.094	ng	# 48
33) 4-Chloroaniline	10.936	127	377454	162.069	ng	# 32
37) 2-Methylnaphthalene	12.522	142	437838	105.499	ng	98
38) 1-Methylnaphthalene	12.522	142	437838	108.131	ng	93
48) 2-Nitroaniline	13.802	65	33583	20.418	ng	# 33
51) 2,6-Dinitrotoluene	14.249	165	4530	3.540	ng	# 61
54) 2,4-Dinitrophenol	14.901	184	283	6.566	ng	# 1
67) 4-Bromophenyl-phenylether	16.182	248	11170	5.064	ng	# 1
77) Benzidine	20.035	184	16092	3.920	ng	# 91

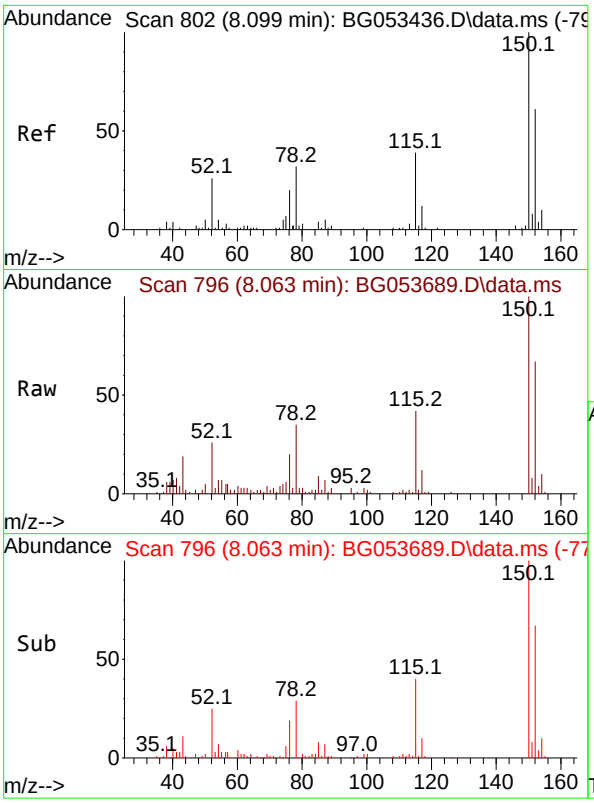
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053689.D
Acq On : 24 May 2022 19:24
Operator : CG/JU
Sample : N3002-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Time: May 25 02:37:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration



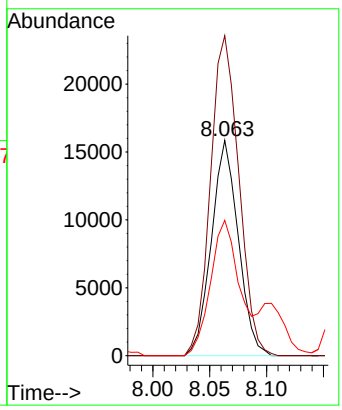


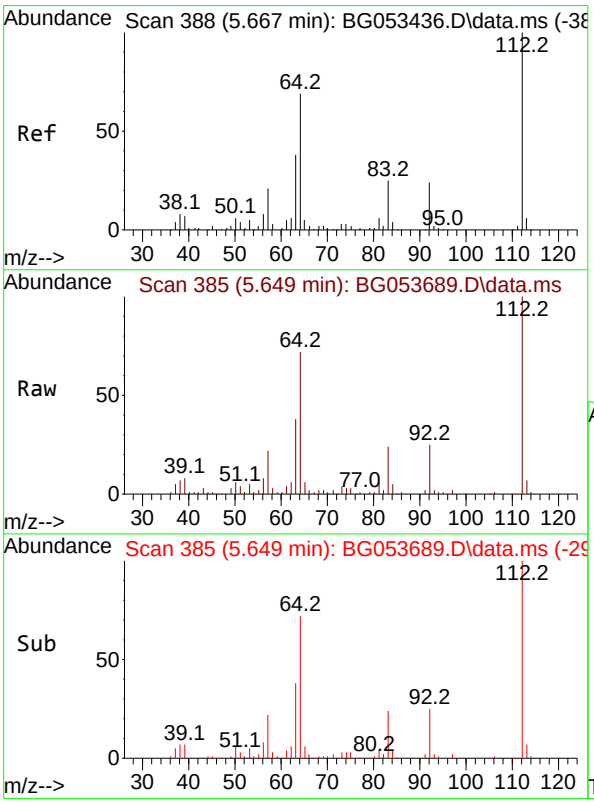
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 7
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 26044

Ion	Ratio	Lower	Upper
152	100		
150	148.6	131.6	197.4
115	62.9	50.9	76.3

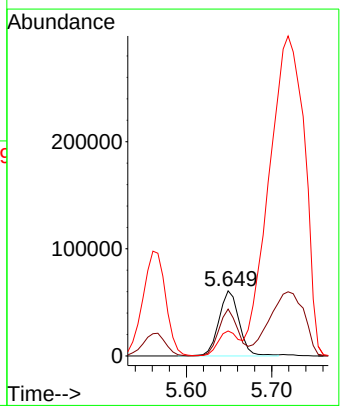


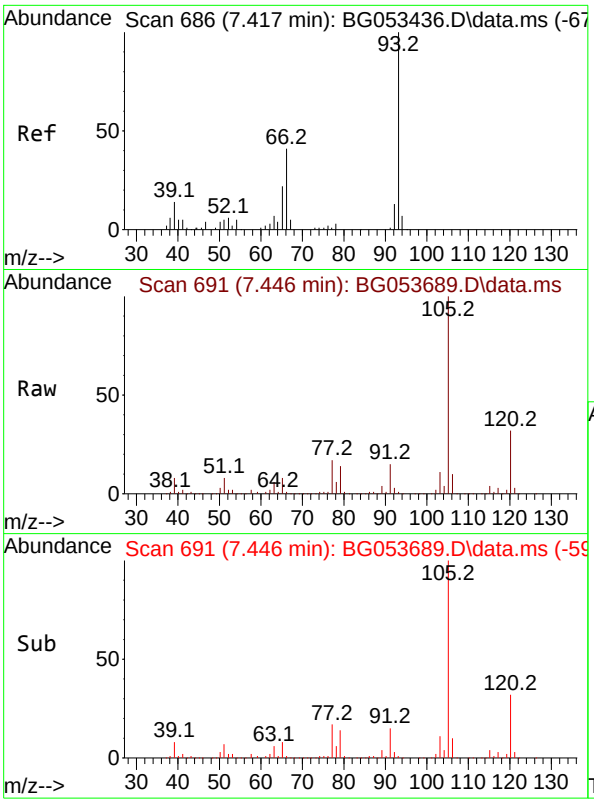


#5
2-Fluorophenol
Concen: 65.611 ng
RT: 5.649 min Scan# 385
Delta R.T. 0.023 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:112 Resp: 100685

Ion	Ratio	Lower	Upper
112	100		
64	71.9	55.1	82.7
63	38.5	30.4	45.6



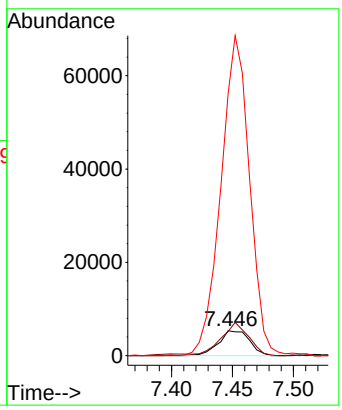


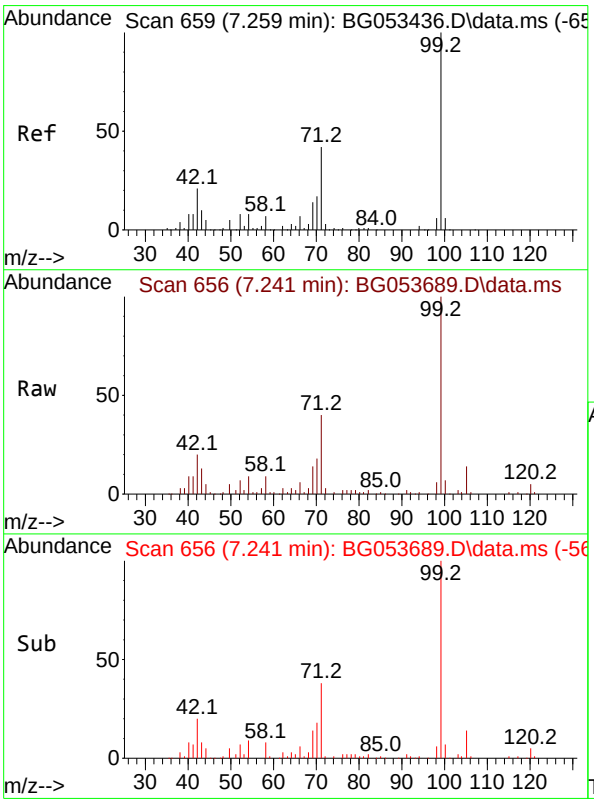
#6
Aniline
Concen: 3.665 ng
RT: 7.446 min Scan# 6
Delta R.T. 0.064 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 93 Resp: 9454

Ion	Ratio	Lower	Upper
93	100		
66	96.5	32.9	49.3#
65	1049.2	17.8	26.8#

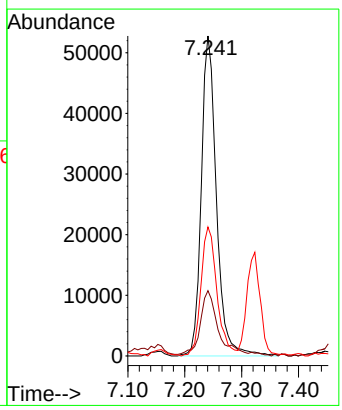


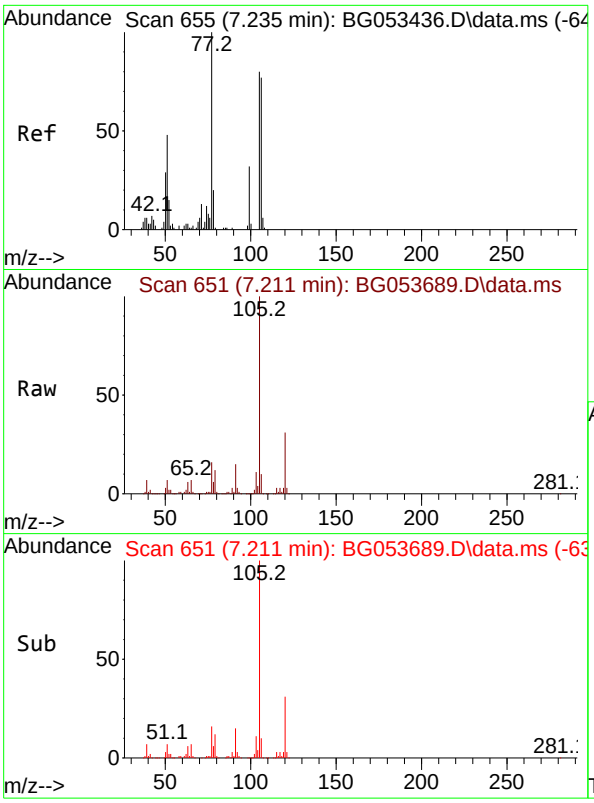


#7
Phenol-d6
Concen: 42.011 ng
RT: 7.241 min Scan# 656
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion: 99 Resp: 97843

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.6
71	40.3	33.8	50.8



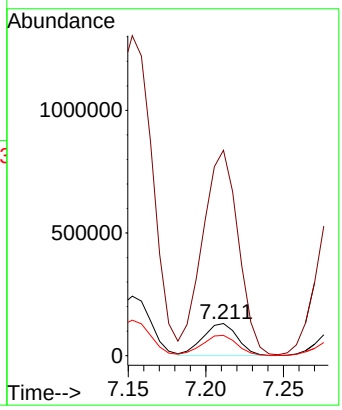


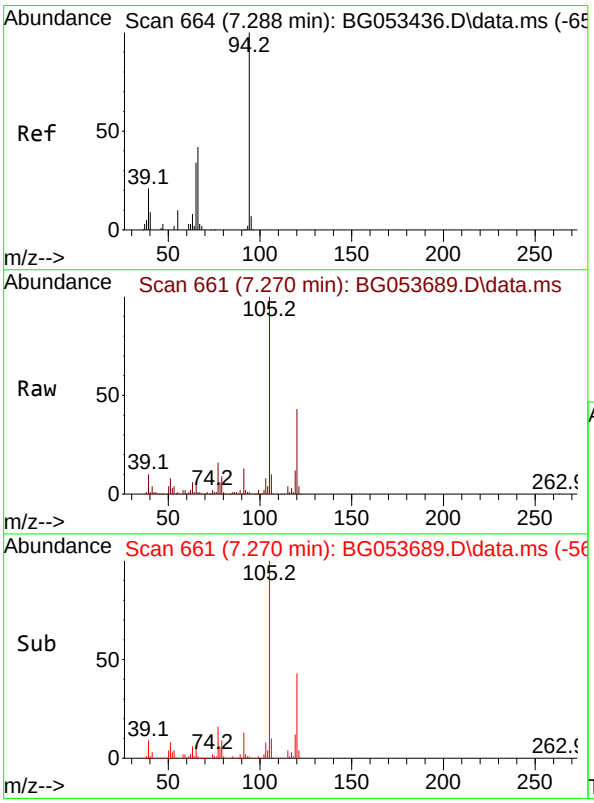
#9
Benzaldehyde
Concen: 136.207 ng
RT: 7.211 min Scan# 6
Delta R.T. 0.017 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 77 Resp: 201527

Ion	Ratio	Lower	Upper
77	100		
105	639.4	59.6	99.6#
106	63.5	56.8	96.8

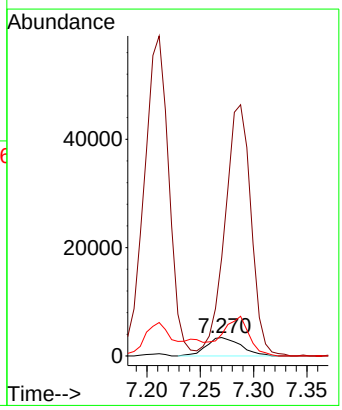


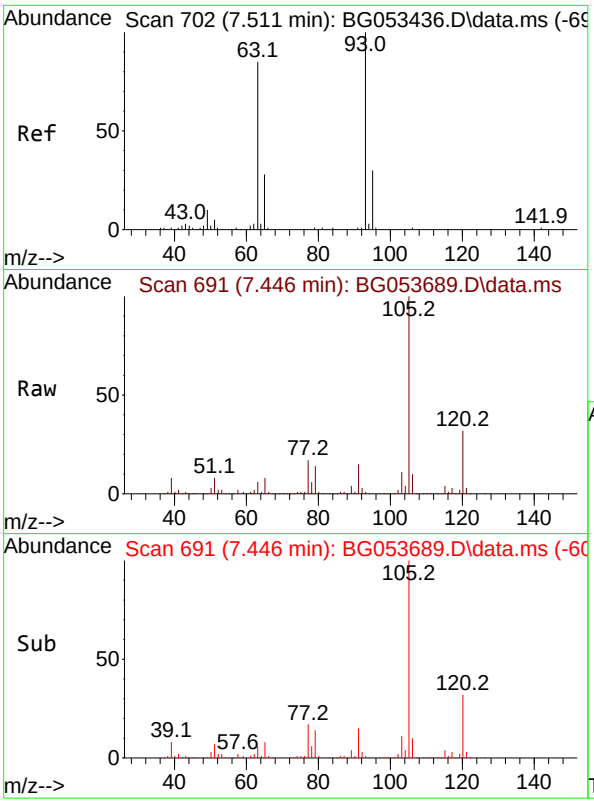


#10
Phenol
Concen: 3.337 ng
RT: 7.270 min Scan# 661
Delta R.T. 0.017 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion: 94 Resp: 7602

Ion	Ratio	Lower	Upper
94	100		
65	532.8	14.8	54.8#
66	116.6	25.2	65.2#



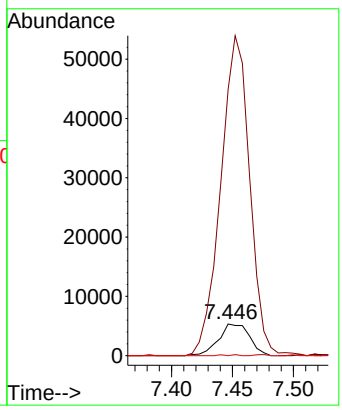


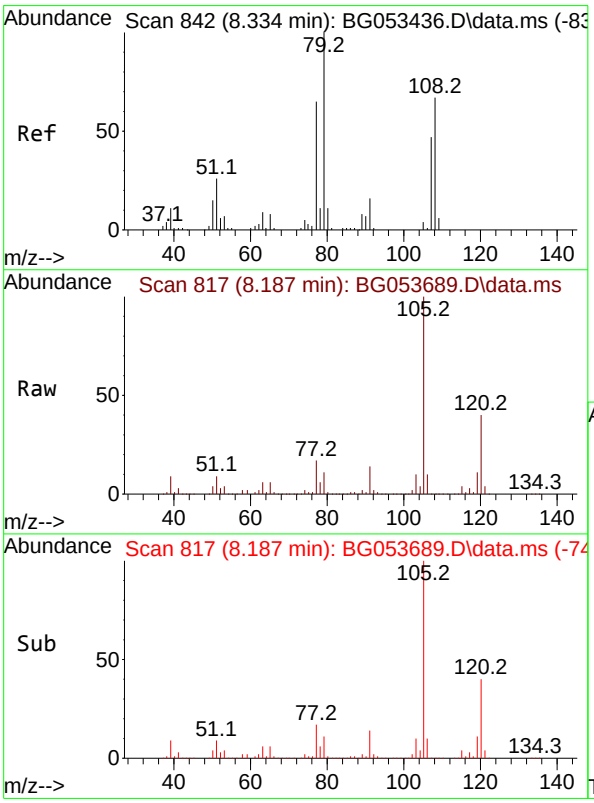
#11
bis(2-Chloroethyl)ether
Concen: 5.565 ng
RT: 7.446 min Scan# 6
Delta R.T. -0.024 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 93 Resp: 9454

Ion	Ratio	Lower	Upper
93	100		
63	837.9	63.6	103.6#
95	0.0	10.1	50.1#

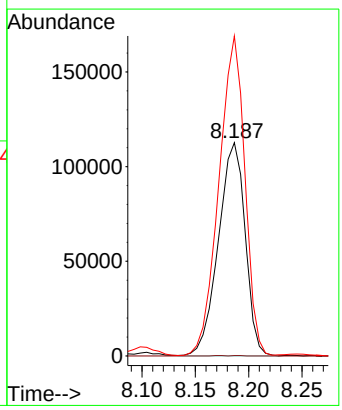


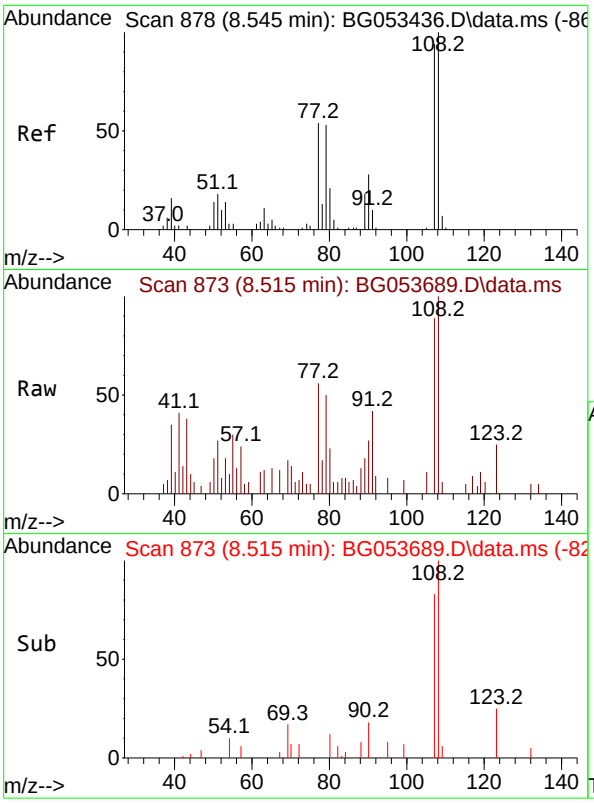


#15
Benzyl Alcohol
Concen: 101.166 ng
RT: 8.187 min Scan# 817
Delta R.T. -0.112 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion: 79 Resp: 196981

Ion	Ratio	Lower	Upper
79	100		
108	0.1	53.7	80.5#
77	150.0	52.2	78.4#



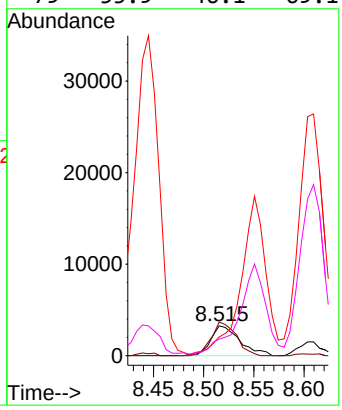


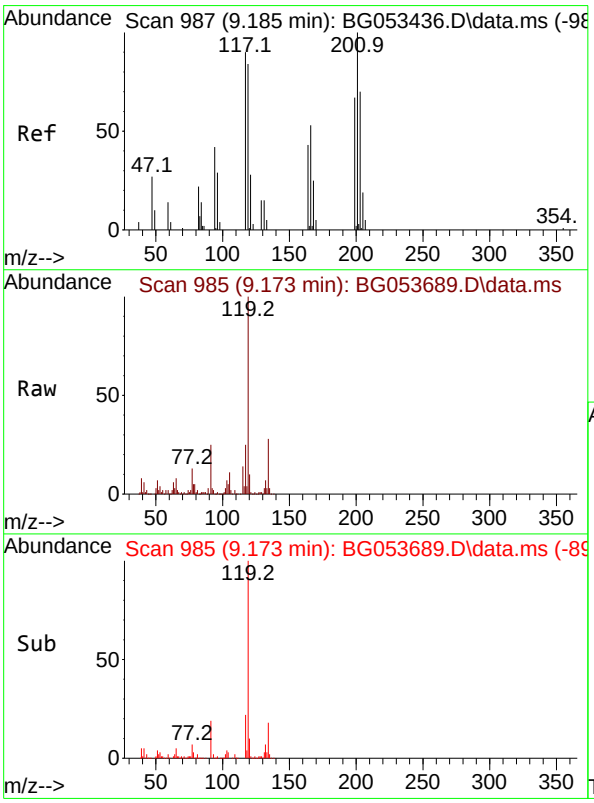
#17
2-Methylphenol
Concen: 4.245 ng
RT: 8.515 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:107 Resp: 6536

Ion	Ratio	Lower	Upper
107	100		
108	112.8	85.4	128.0
77	63.0	46.2	69.2
79	55.9	46.1	69.1

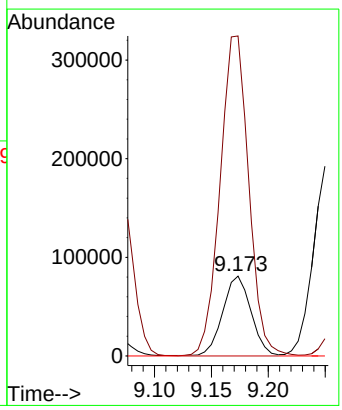


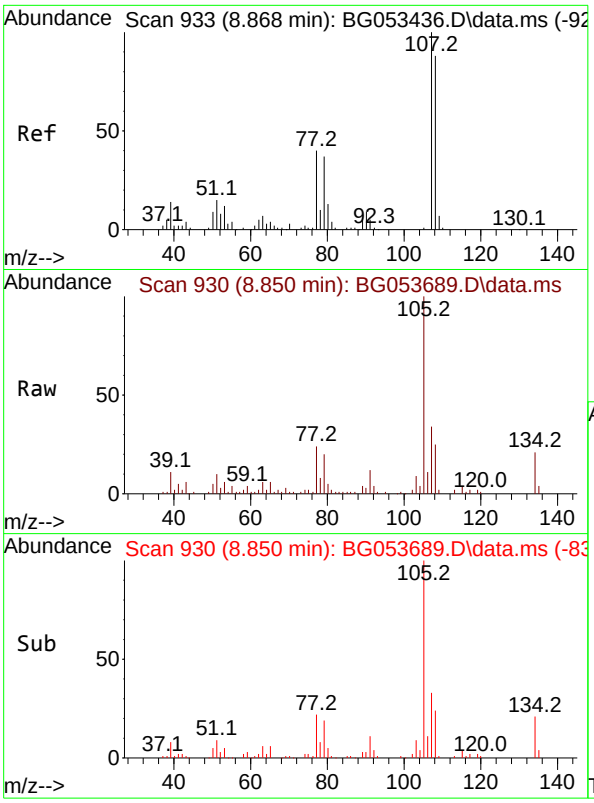


#18
Hexachloroethane
Concen: 193.555 ng
RT: 9.173 min Scan# 985
Delta R.T. 0.029 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:117 Resp: 140375

Ion	Ratio	Lower	Upper
117	100		
119	400.7	75.0	112.6#
201	0.0	89.0	133.6#



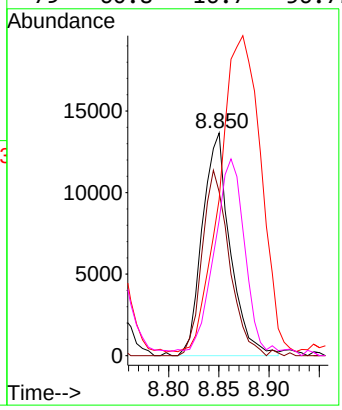


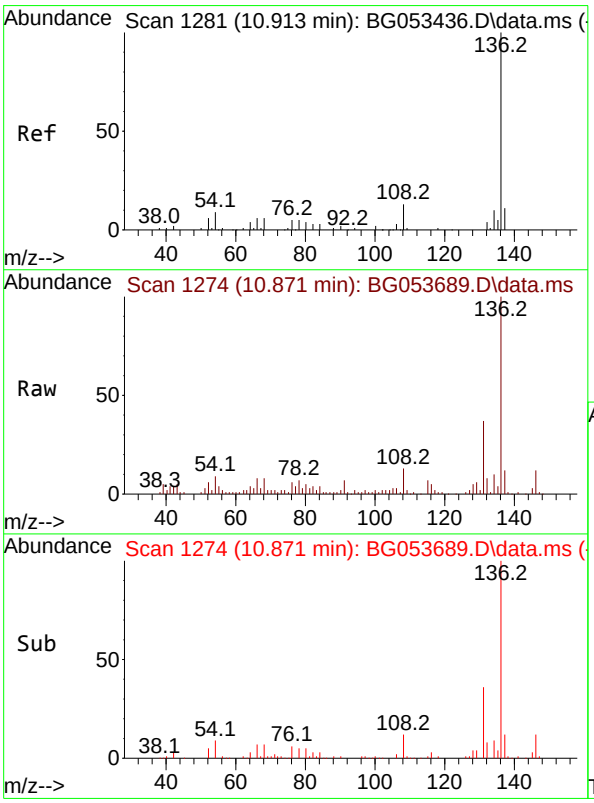
#20
3+4-Methylphenols
Concen: 12.097 ng
RT: 8.850 min Scan# 9
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:107 Resp: 26303

Ion	Ratio	Lower	Upper
107	100		
108	73.5	67.5	107.5
77	70.2	20.3	60.3#
79	60.8	16.7	56.7#

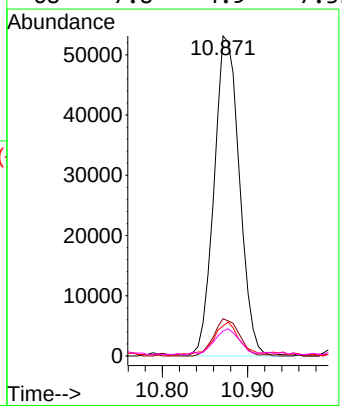


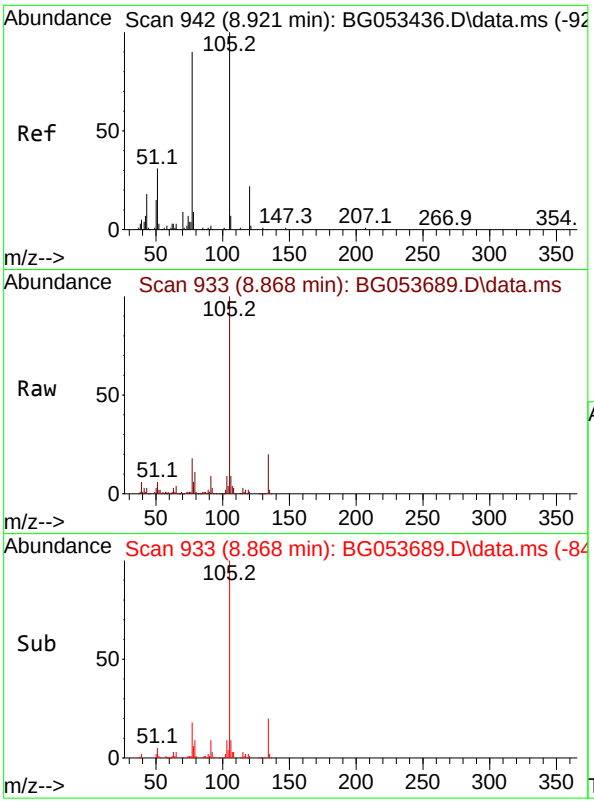


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.871 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:136 Resp: 109326

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	9.4	7.4	11.2
68	7.8	4.9	7.3#



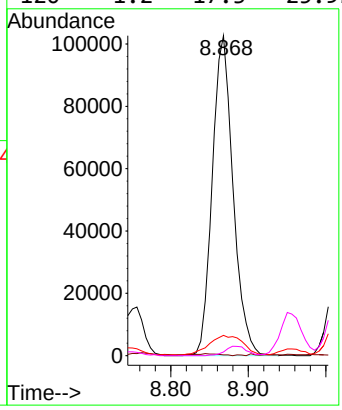


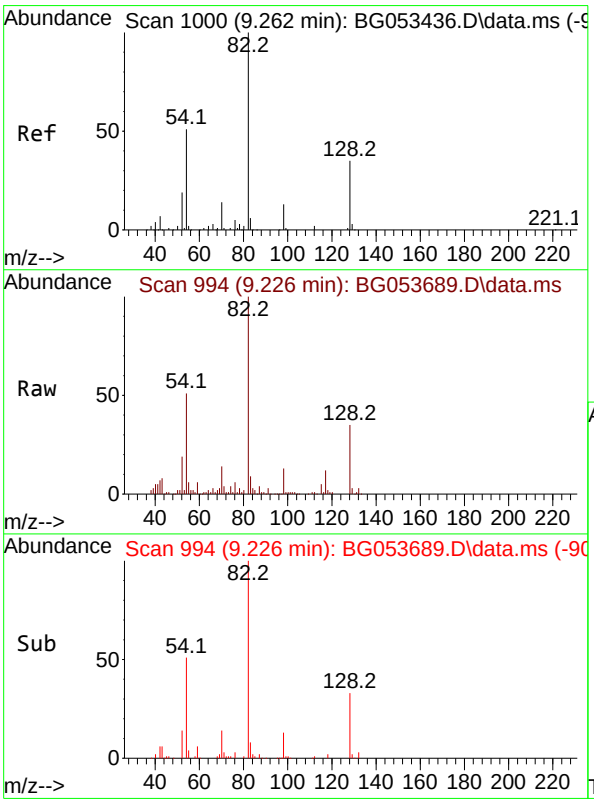
#22
Acetophenone
Concen: 64.008 ng
RT: 8.868 min Scan# 9
Delta R.T. -0.012 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:105 Resp: 191520

Ion	Ratio	Lower	Upper
105	100		
71	0.3	1.1	1.7#
51	6.3	25.4	38.0#
120	1.2	17.3	25.9#

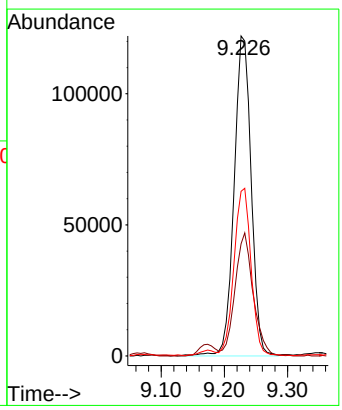


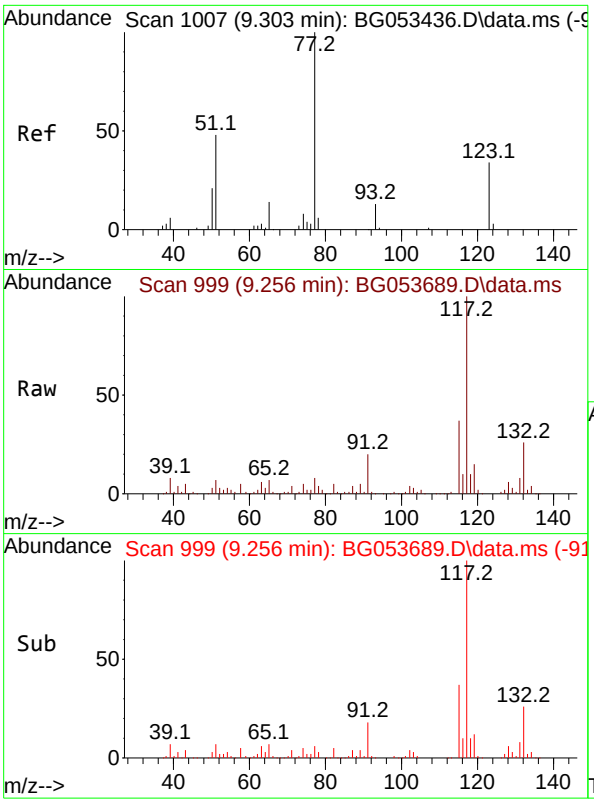


#23
Nitrobenzene-d5
Concen: 89.284 ng
RT: 9.226 min Scan# 994
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion: 82 Resp: 229304

Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.9	41.9
54	51.5	41.2	61.8



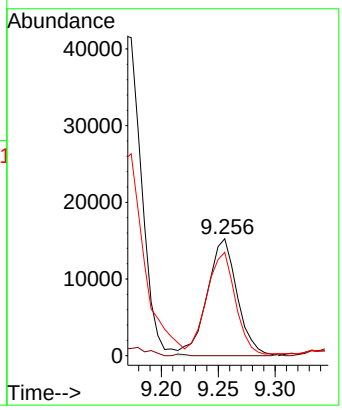


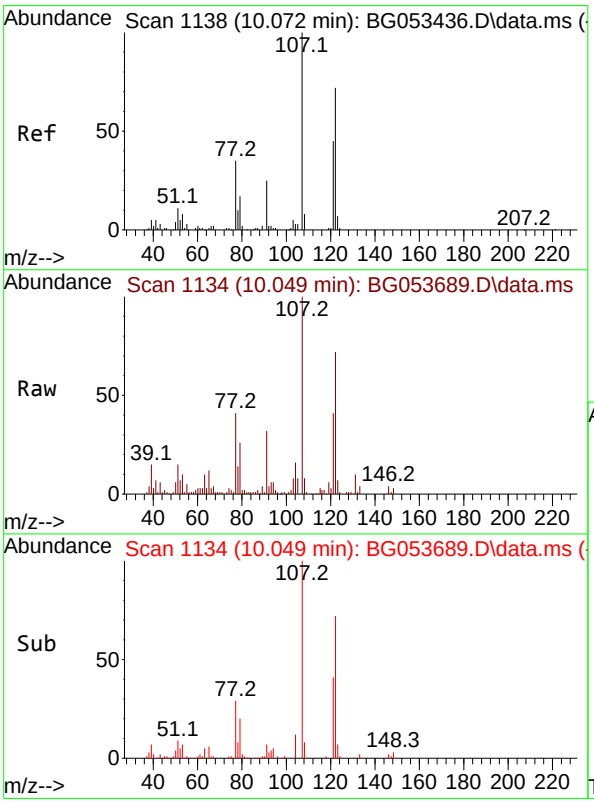
#24
Nitrobenzene
Concen: 11.206 ng
RT: 9.256 min Scan# 9
Delta R.T. -0.012 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 77 Resp: 27854

Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	88.6	11.4	17.0#

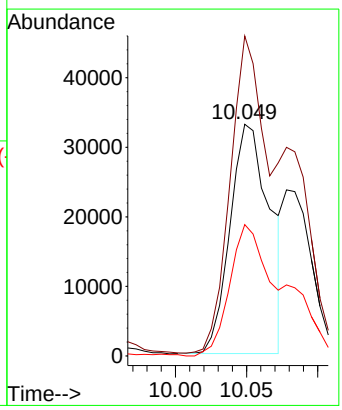


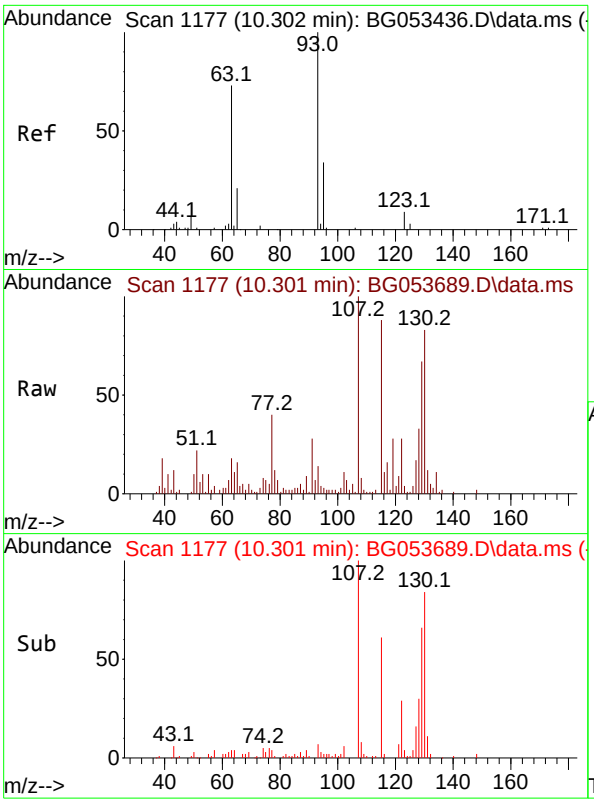


#27
2,4-Dimethylphenol
Concen: 42.193 ng
RT: 10.049 min Scan# 1134
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:122 Resp: 63927

Ion	Ratio	Lower	Upper
122	100		
107	138.1	109.4	164.0
121	56.7	48.7	73.1



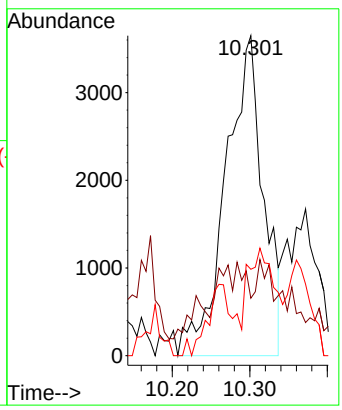


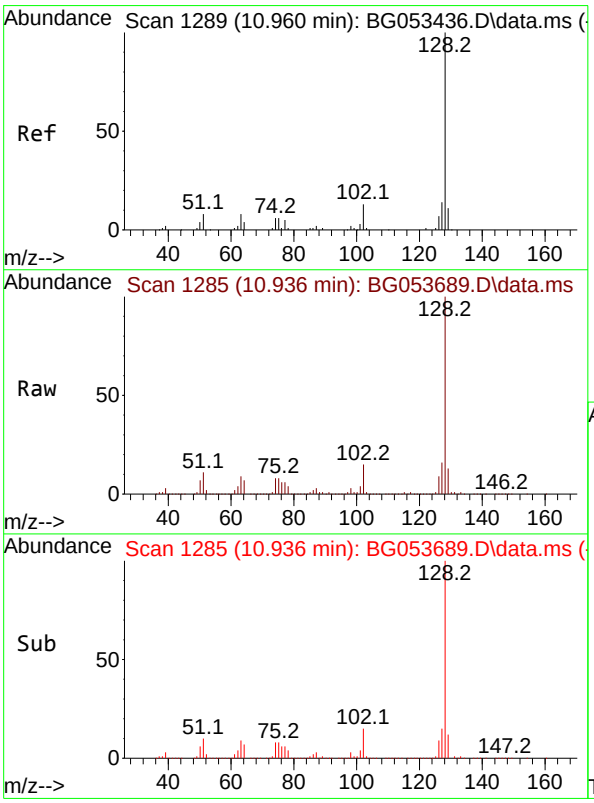
#28
bis(2-Chloroethoxy)methane
Concen: 4.936 ng
RT: 10.301 min Scan# 11
Delta R.T. 0.035 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 93 Resp: 12269

Ion	Ratio	Lower	Upper
93	100		
95	18.0	26.9	40.3#
123	27.0	7.7	11.5#

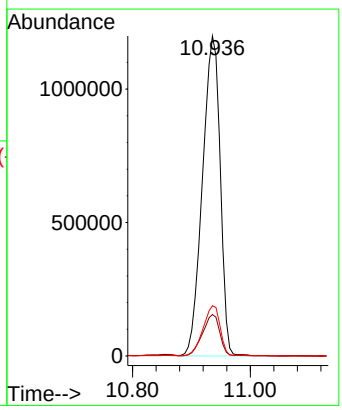


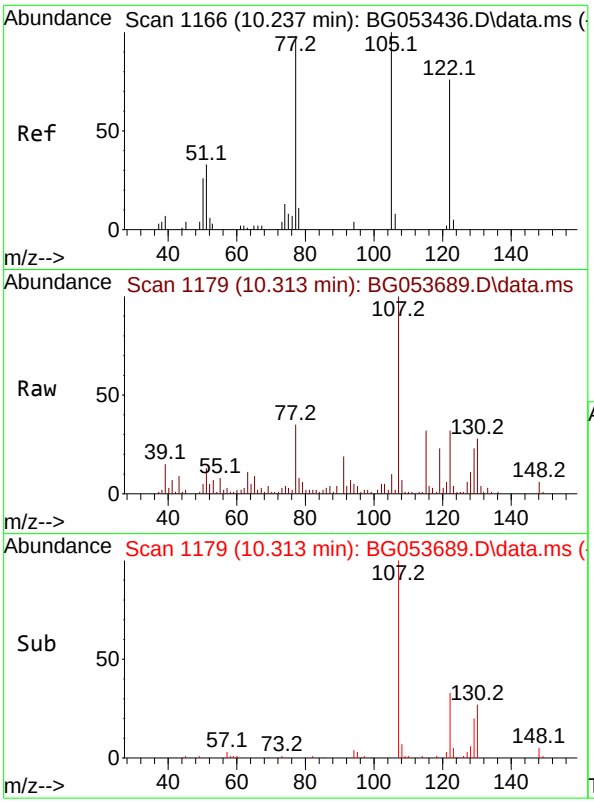


#31
Naphthalene
Concen: 451.338 ng
RT: 10.936 min Scan# 1285
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:128 Resp: 2509955

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	15.7	11.1	16.7



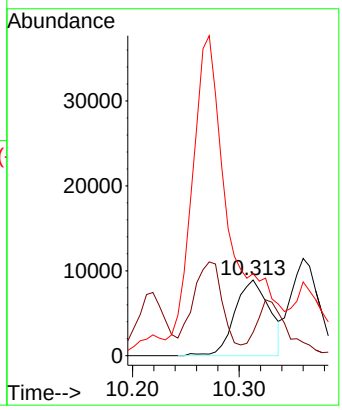


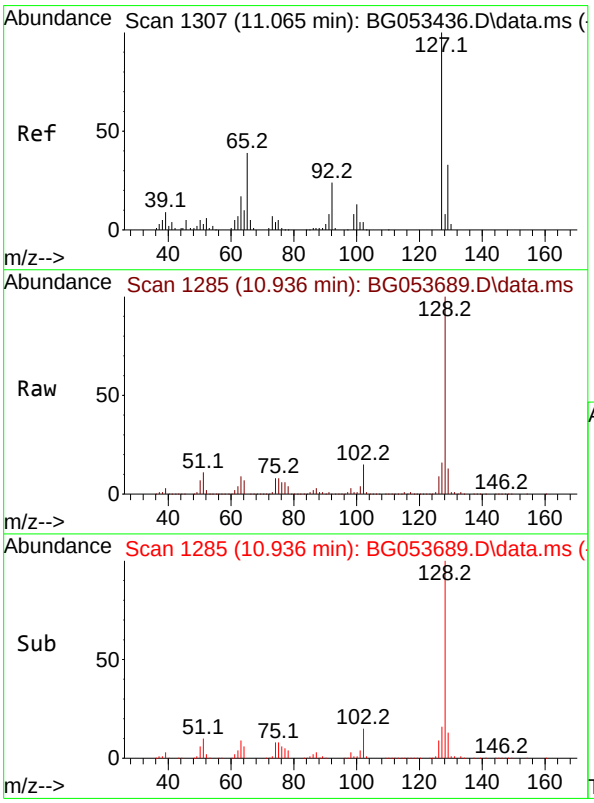
#32
Benzoic acid
Concen: 26.094 ng
RT: 10.313 min Scan# 11
Delta R.T. 0.088 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:122 Resp: 20258

Ion	Ratio	Lower	Upper
122	100		
105	30.9	111.8	151.8#
77	108.4	109.4	149.4#

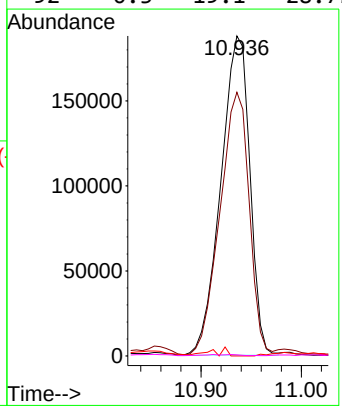


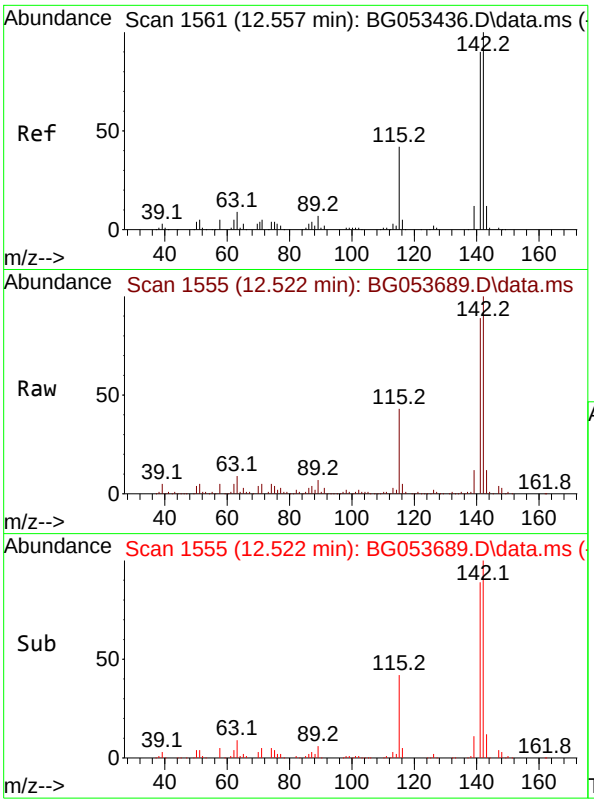


#33
4-Chloroaniline
Concen: 162.069 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.094 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:127 Resp: 377454

Ion	Ratio	Lower	Upper
127	100		
129	82.4	26.3	39.5#
65	0.0	31.1	46.7#
92	0.3	19.1	28.7#



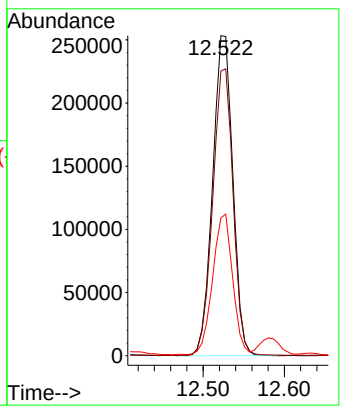


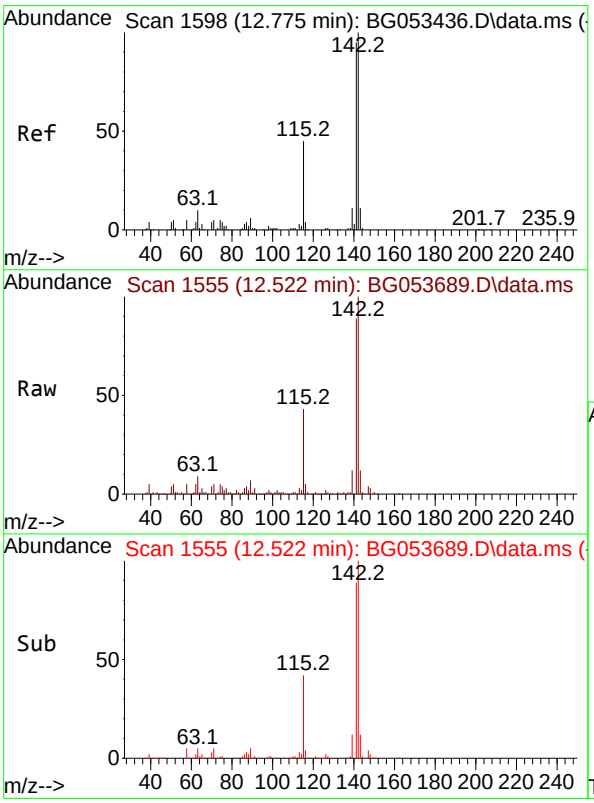
#37
2-Methylnaphthalene
Concen: 105.499 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:142 Resp: 437838

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	43.0	33.7	50.5

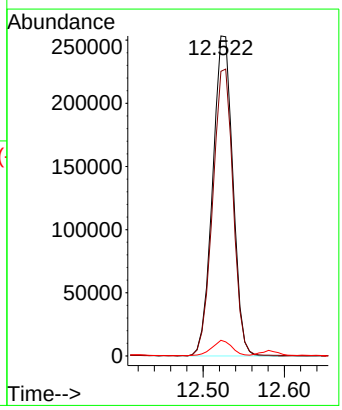


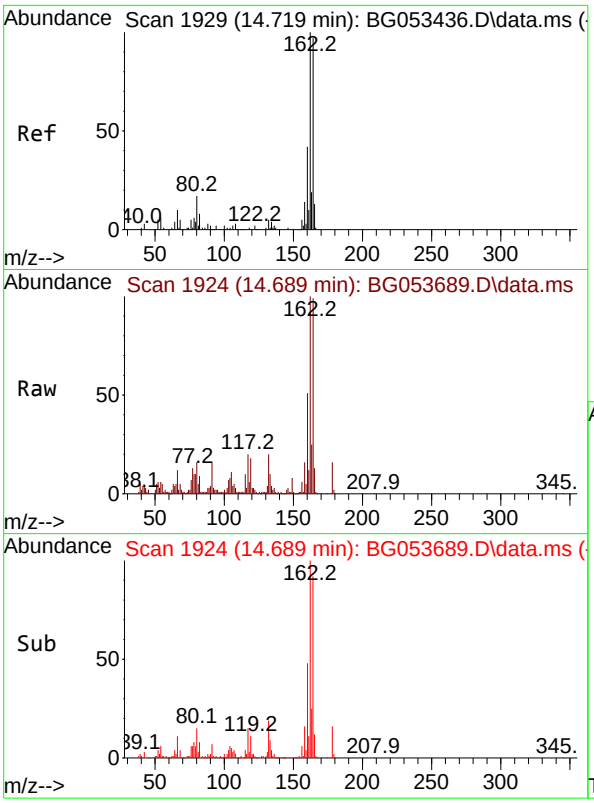


#38
1-Methylnaphthalene
Concen: 108.131 ng
RT: 12.522 min Scan# 1555
Delta R.T. -0.218 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:142 Resp: 437838

Ion	Ratio	Lower	Upper
142	100		
141	88.9	76.4	114.6
116	4.9	3.3	4.9



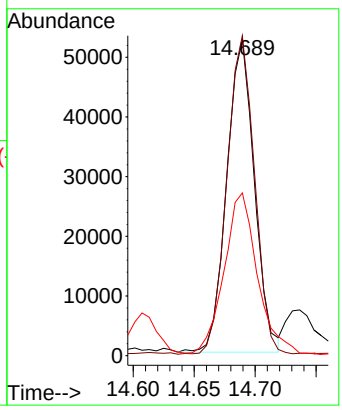


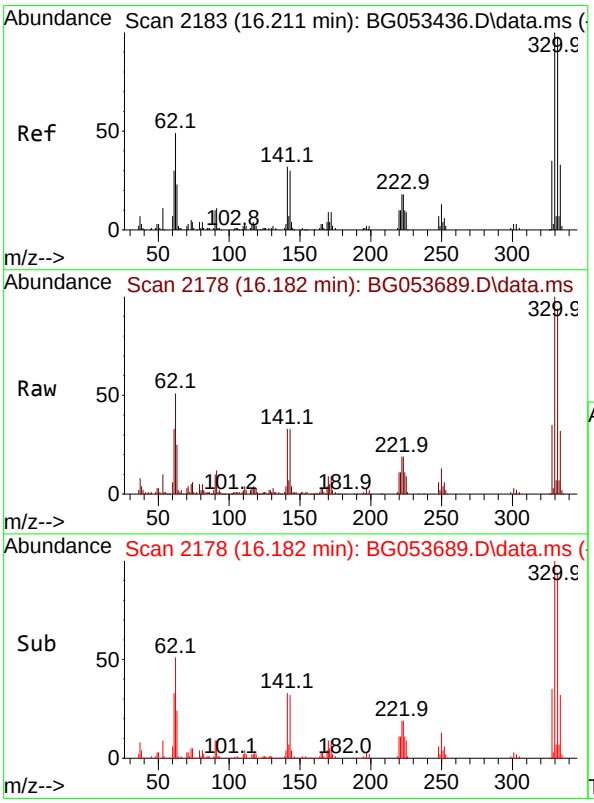
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.689 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:164 Resp: 82653

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.3	123.5
160	51.4	34.2	51.2#

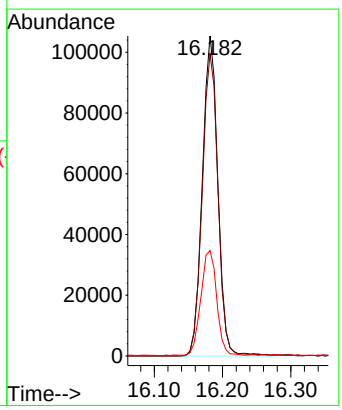


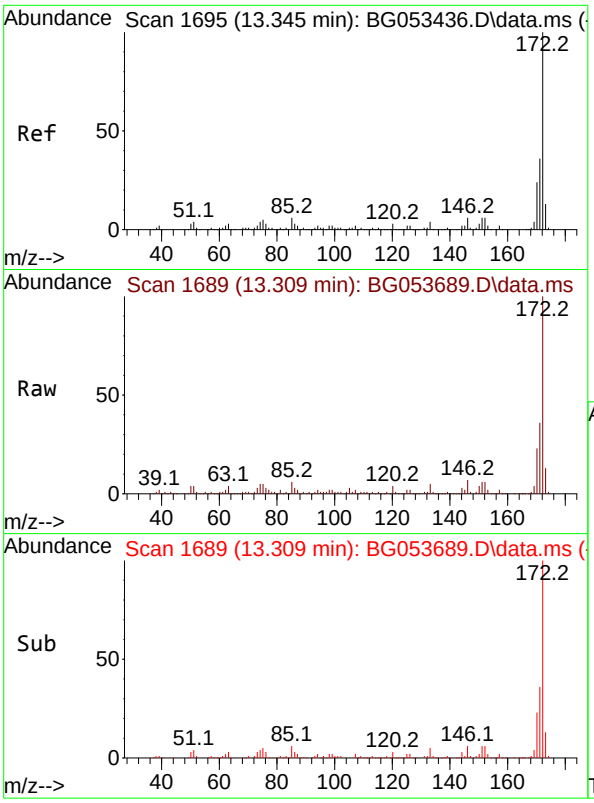


#42
2,4,6-Tribromophenol
Concen: 136.601 ng
RT: 16.182 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:330 Resp: 166522

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	34.3	27.1	40.7



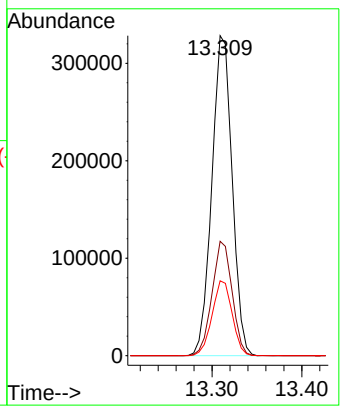


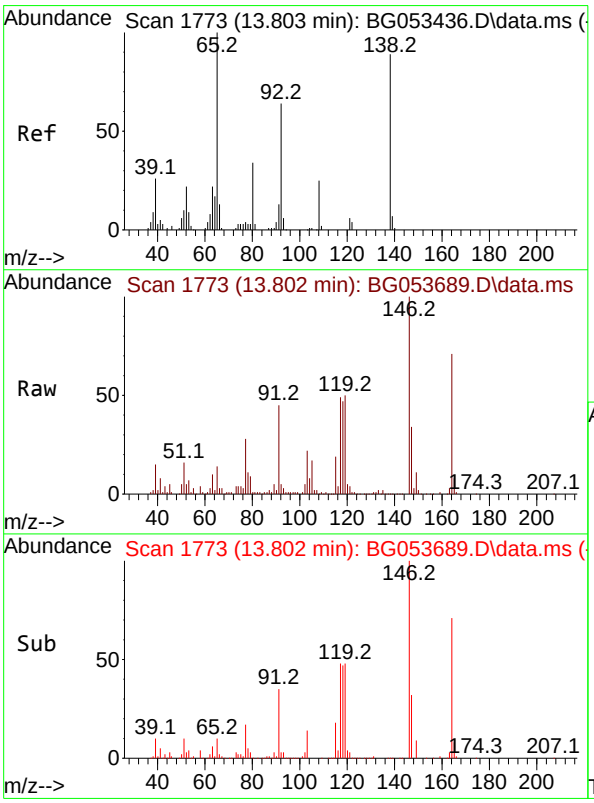
#45
2-Fluorobiphenyl
Concen: 90.984 ng
RT: 13.309 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:172 Resp: 514625

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.4	18.9	28.3

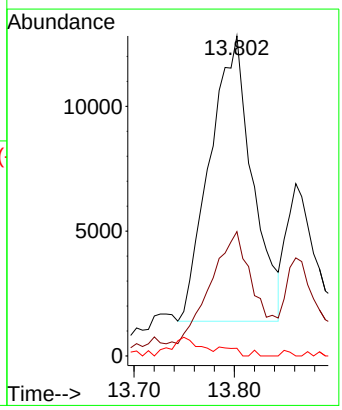


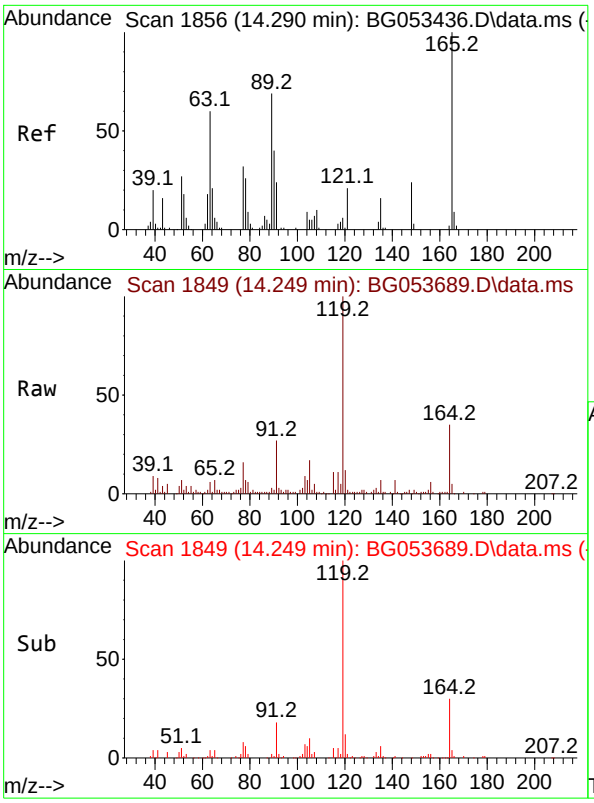


#48
2-Nitroaniline
Concen: 20.418 ng
RT: 13.802 min Scan# 1773
Delta R.T. 0.029 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion: 65 Resp: 33583

Ion	Ratio	Lower	Upper
65	100		
92	38.8	51.5	77.3#
138	2.4	71.3	106.9#



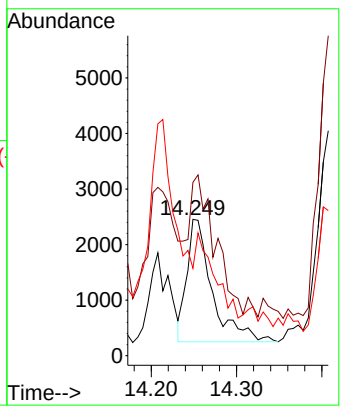


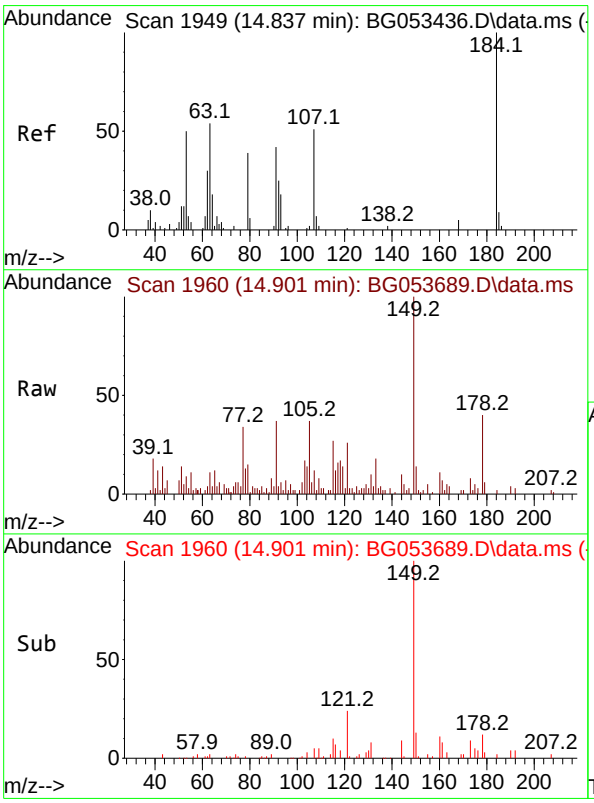
#51
2,6-Dinitrotoluene
Concen: 3.540 ng
RT: 14.249 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:165 Resp: 4530

Ion	Ratio	Lower	Upper
165	100		
63	127.2	54.1	81.1#
89	64.2	54.8	82.2

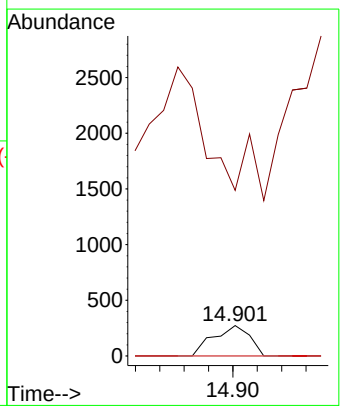


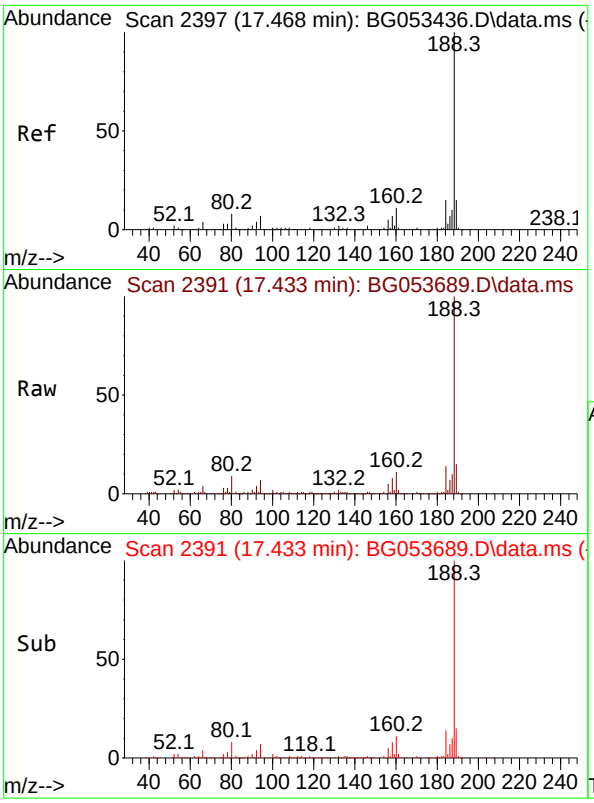


#54
2,4-Dinitrophenol
Concen: 6.566 ng
RT: 14.901 min Scan# 1960
Delta R.T. 0.082 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:184 Resp: 283

Ion	Ratio	Lower	Upper
184	100		
63	545.1	61.1	91.7#
154	0.0	60.6	91.0#



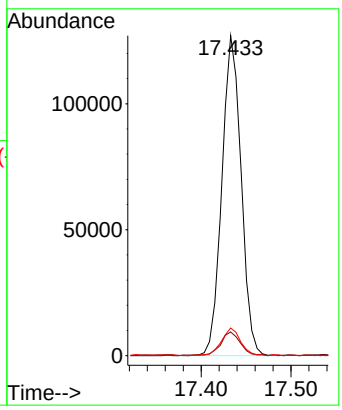


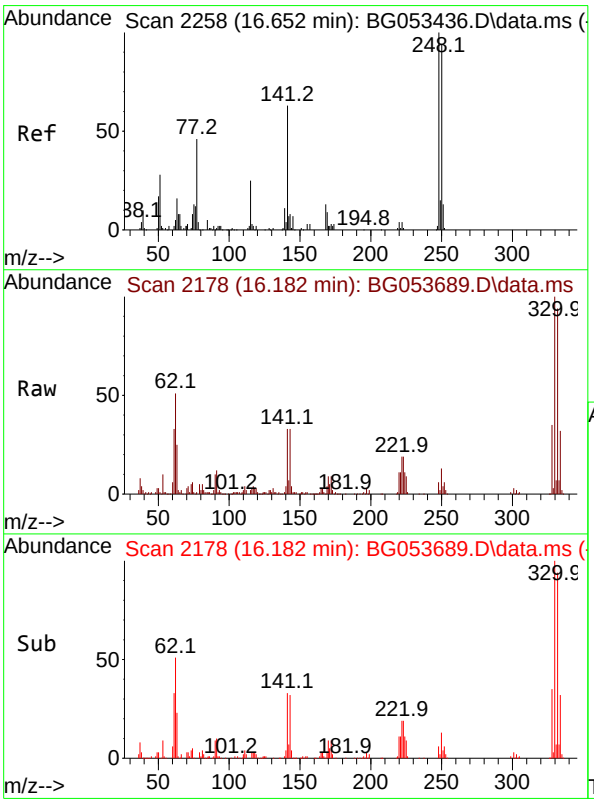
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:188 Resp: 188874

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.4	8.0
80	8.6	6.8	10.2

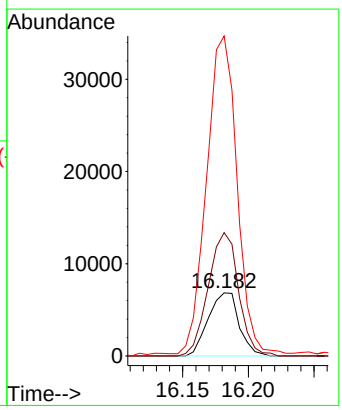


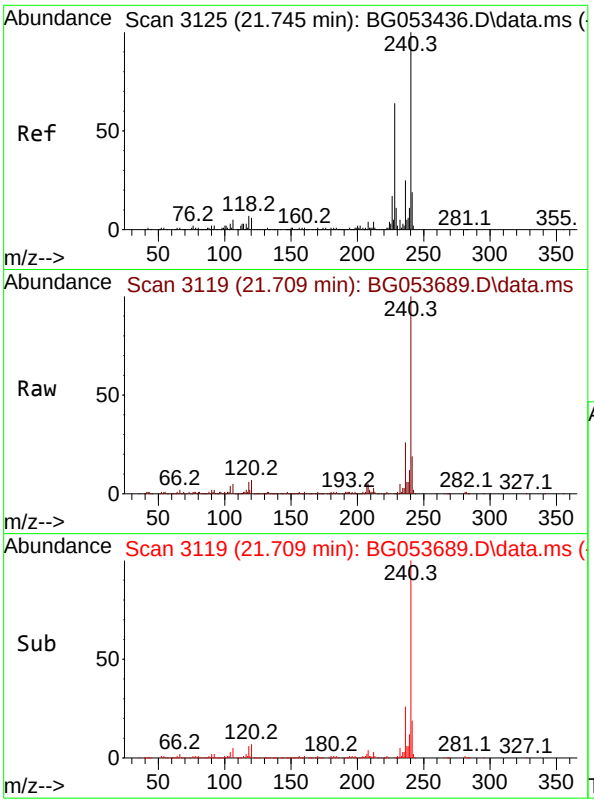


#67
4-Bromophenyl-phenylether
Concen: 5.064 ng
RT: 16.182 min Scan# 2178
Delta R.T. -0.435 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:248 Resp: 11170

Ion	Ratio	Lower	Upper
248	100		
250	195.5	75.2	112.8#
141	507.4	50.0	75.0#



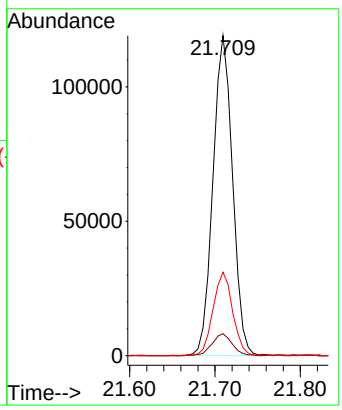


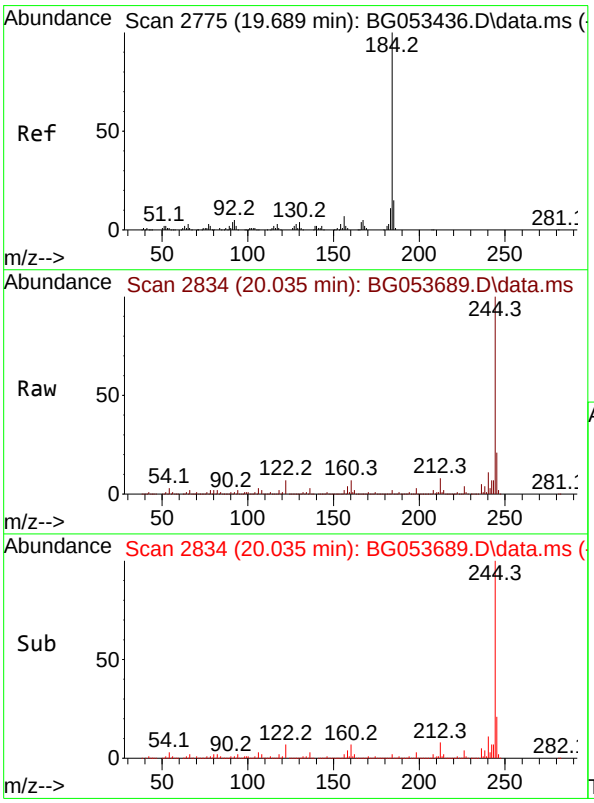
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:240 Resp: 190450

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.6	7.0
236	26.1	20.2	30.4

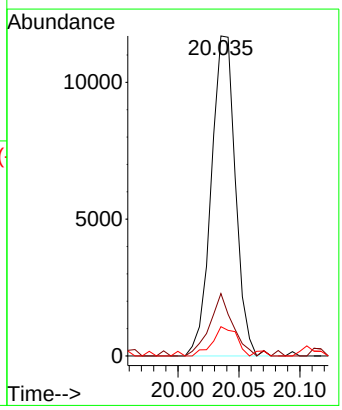


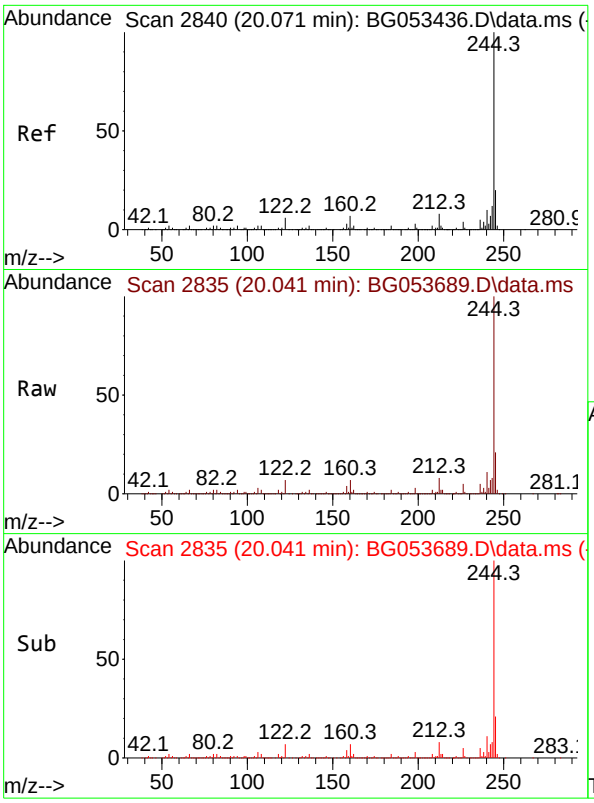


#77
Benzidine
Concen: 3.920 ng
RT: 20.035 min Scan# 2834
Delta R.T. 0.376 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:184 Resp: 16092

Ion	Ratio	Lower	Upper
184	100		
185	19.5	11.8	17.6#
183	9.2	8.9	13.3



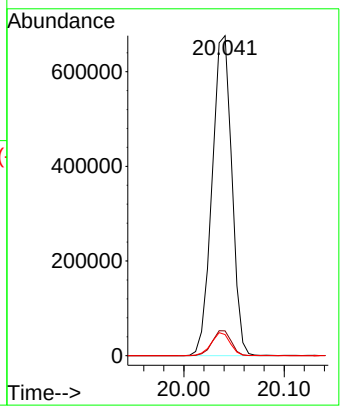


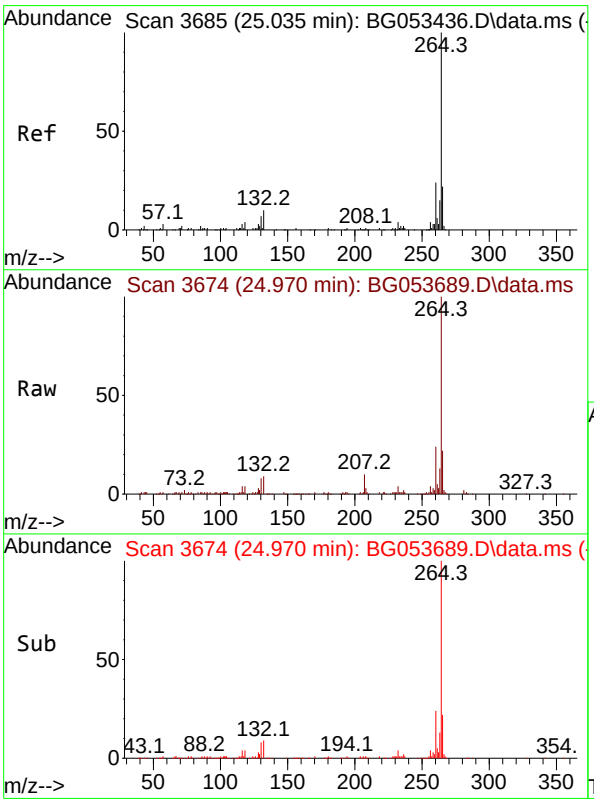
#79
Terphenyl-d14
Concen: 90.178 ng
RT: 20.041 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:244 Resp: 922132

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	6.6	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.970 min Scan# 3674
Delta R.T. -0.012 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:264 Resp: 196588

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.9	17.4	26.2