Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-03-229

Quant Time: May 17 13:44:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	27682	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	110529	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	85867	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	194403	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	190694	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	229933	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	134055	98.487	ng	-0.02
7) Phenol-d6	7.112	99	185052	91.903	ng	-0.02
23) Nitrobenzene-d5	9.086	82	137173	61.522	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	128234	74.714	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	333883	57.498	ng	-0.03
79) Terphenyl-d14	19.927	244	614268	53.573	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	1987	3.610	ng	# 1
9) Benzaldehyde	7.106	77	279	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.086	70	19901	13.207	ng	# 61
51) 2,6-Dinitrotoluene	14.556	165	11477	8.090	ng	# 17
52) Acenaphthene	14.621	154	19076	4.516	ng	98
56) 4-Nitrophenol	14.956	139	5231	4.987	ng	# 1
57) 2,4-Dinitrotoluene	14.556	165	11477	5.468	ng	# 19
58) Fluorene	15.608	166	18906	3.062	ng	# 93
67) 4-Bromophenyl-phenylether	16.055	248	7732	3.376	ng	# 1
71) Phenanthrene	17.353	178	314919	35.428	ng	99
72) Anthracene	17.441	178	72780	8.206	ng	99
73) Carbazole	17.712	167	26031	3.338	ng	96
75) Fluoranthene	19.368	202	525107	43.121	ng	99
77) Benzidine	19.927	184	9501	5.261	ng	# 92
78) Pyrene	19.727	202	460493	37.983	ng	99
81) Benzo(a)anthracene	21.548	228	287039	23.003	ng	98
83) Chrysene	21.613	228	254853	21.799	ng	97
87) Indeno(1,2,3-cd)pyrene	28.246	276	155872	10.229	ng	99
88) Benzo(b)fluoranthene	23.705	252	325294	25.317	ng	# 99
89) Benzo(k)fluoranthene	23.705	252	325294	26.316	ng	# 97
90) Benzo(a)pyrene	24.545	252	236663	21.142	ng	98
91) Dibenzo(a,h)anthracene	28.276	278	42848	3.395	ng	# 82
92) Benzo(g,h,i)perylene	29.345	276	152866	12.190	ng	98

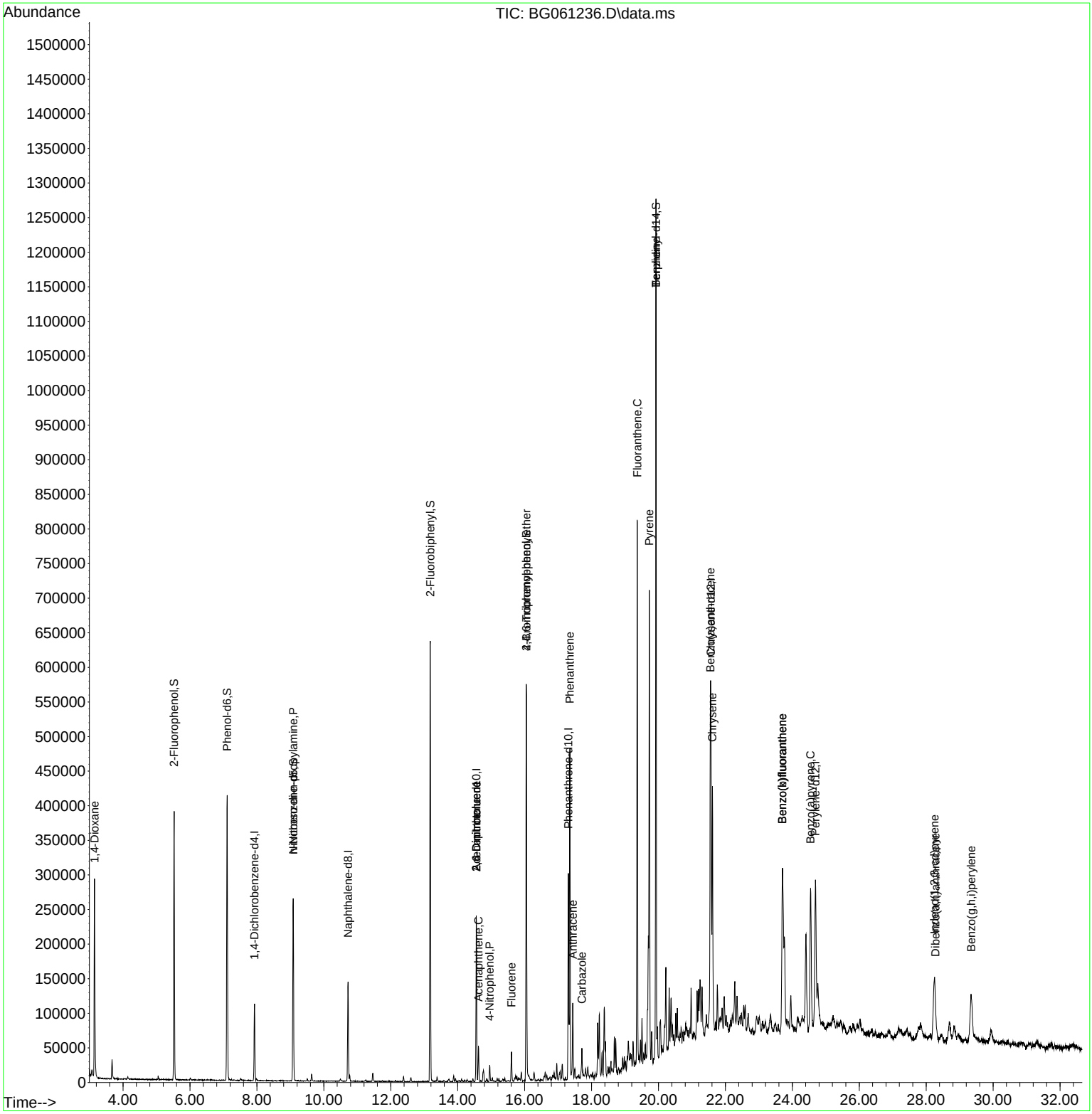
(#) = qualifier out of range (m) = manual integration (+) = signals summed

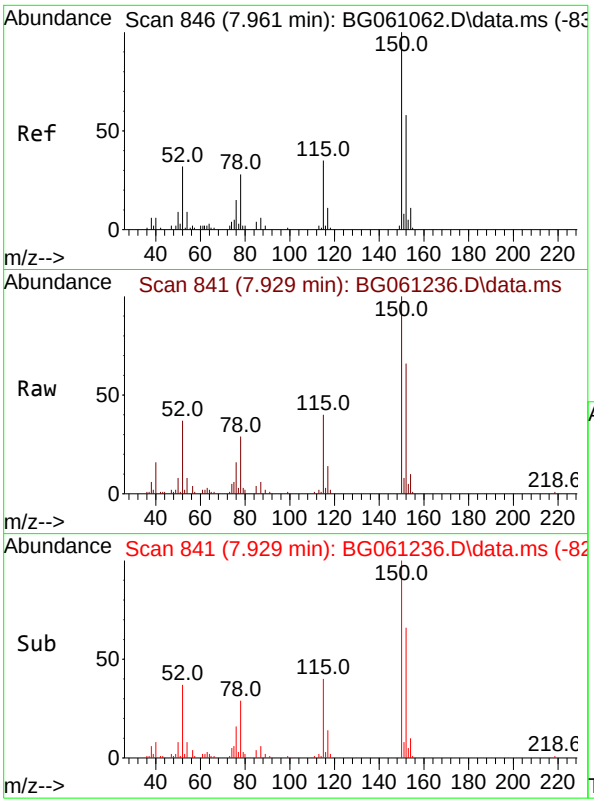
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Time: May 17 13:44:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



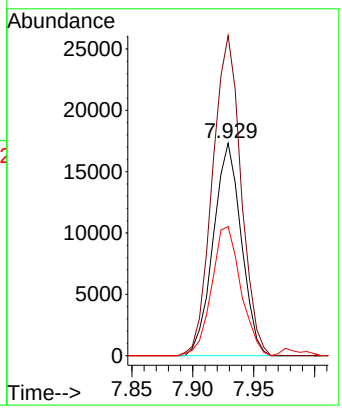


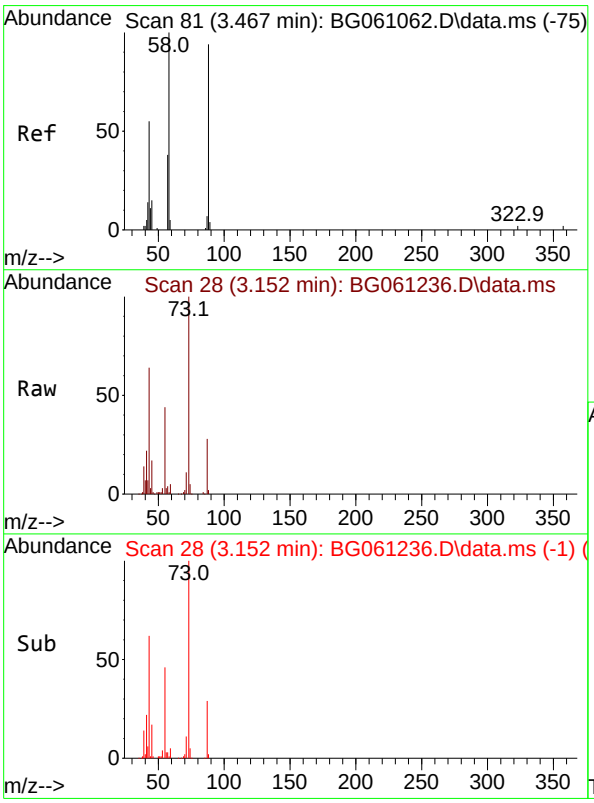
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:152 Resp: 27682

Ion	Ratio	Lower	Upper
152	100		
150	150.6	138.3	207.5
115	60.8	48.0	72.0

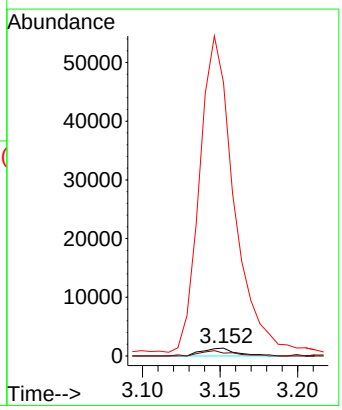


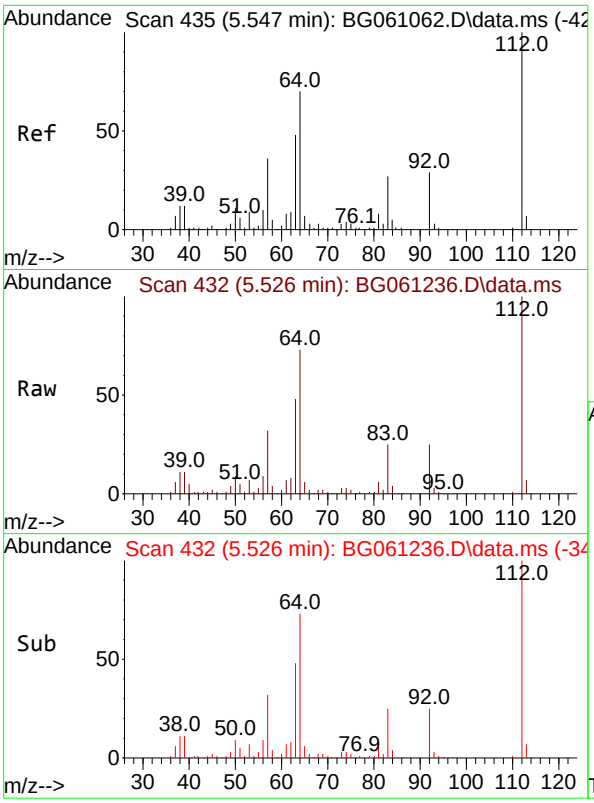


#2
1,4-Dioxane
Concen: 3.610 ng
RT: 3.152 min Scan# 28
Delta R.T. -0.314 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion: 88 Resp: 1987

Ion	Ratio	Lower	Upper
88	100		
58	69.5	81.2	121.8#
43	4270.8	45.0	67.4#



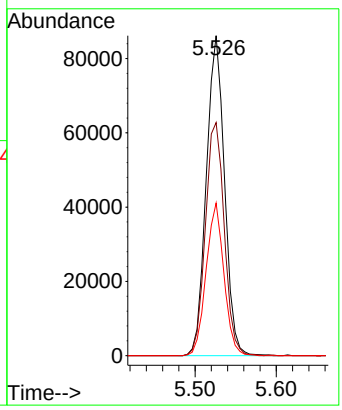


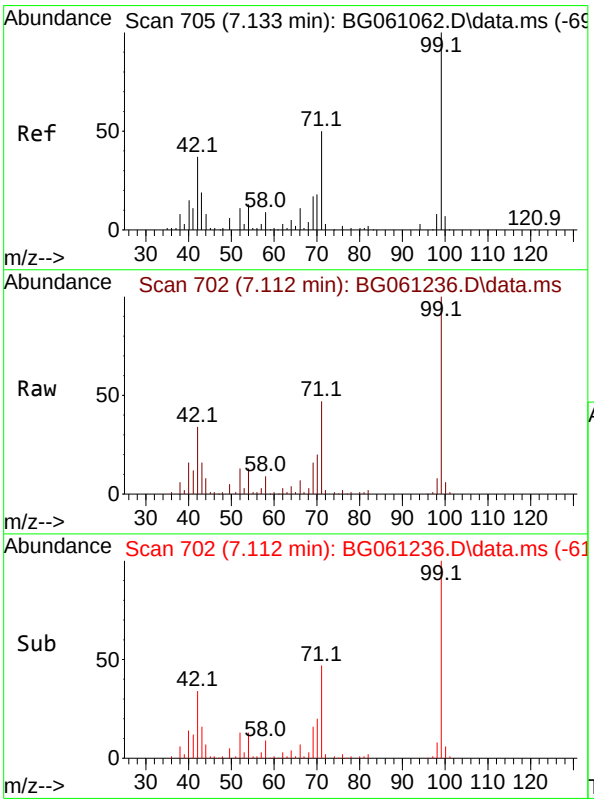
#5
2-Fluorophenol
Concen: 98.487 ng
RT: 5.526 min Scan# 4
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:112 Resp: 134055

Ion	Ratio	Lower	Upper
112	100		
64	72.9	55.7	83.5
63	47.7	38.1	57.1

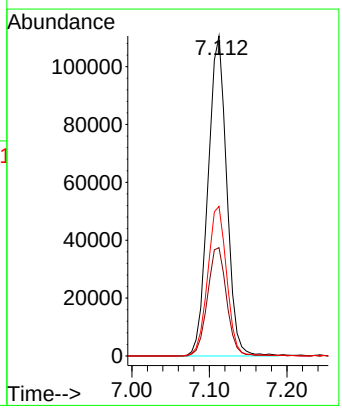


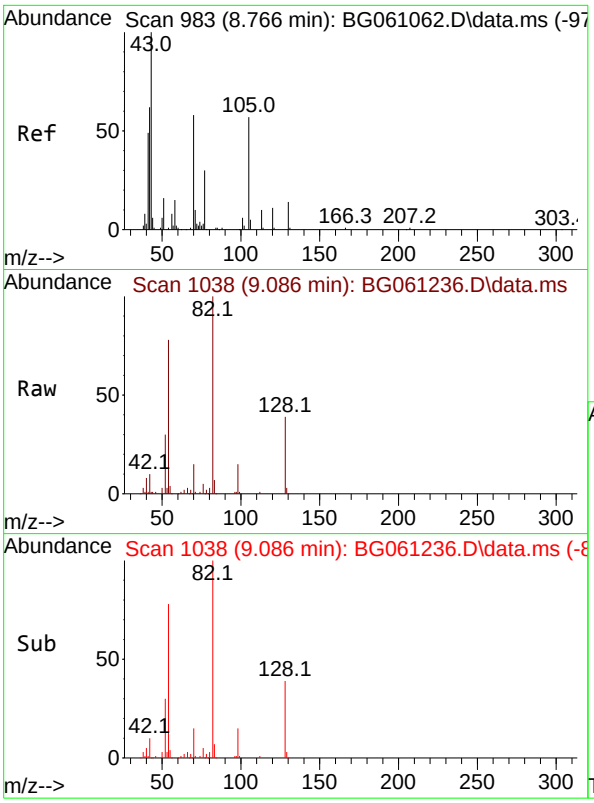


#7
Phenol-d6
Concen: 91.903 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion: 99 Resp: 185052

Ion	Ratio	Lower	Upper
99	100		
42	33.8	29.2	43.8
71	46.7	39.7	59.5



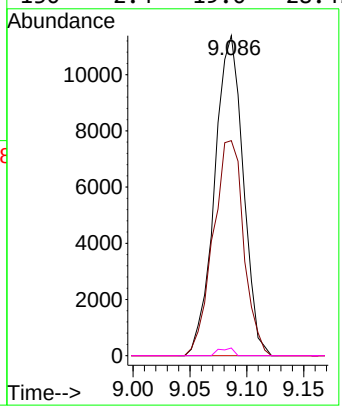


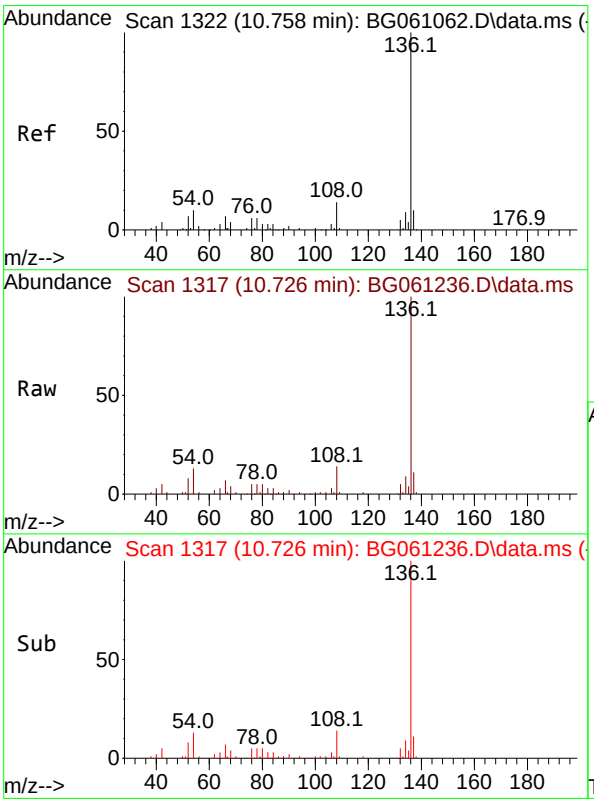
#19
n-Nitroso-di-n-propylamine
Concen: 13.207 ng
RT: 9.086 min Scan# 1
Delta R.T. 0.320 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion: 70 Resp: 19901

Ion	Ratio	Lower	Upper
70	100		
42	67.2	86.4	129.6#
101	0.0	7.8	11.8#
130	2.4	19.0	28.4#

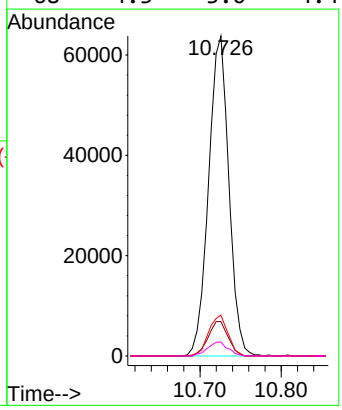


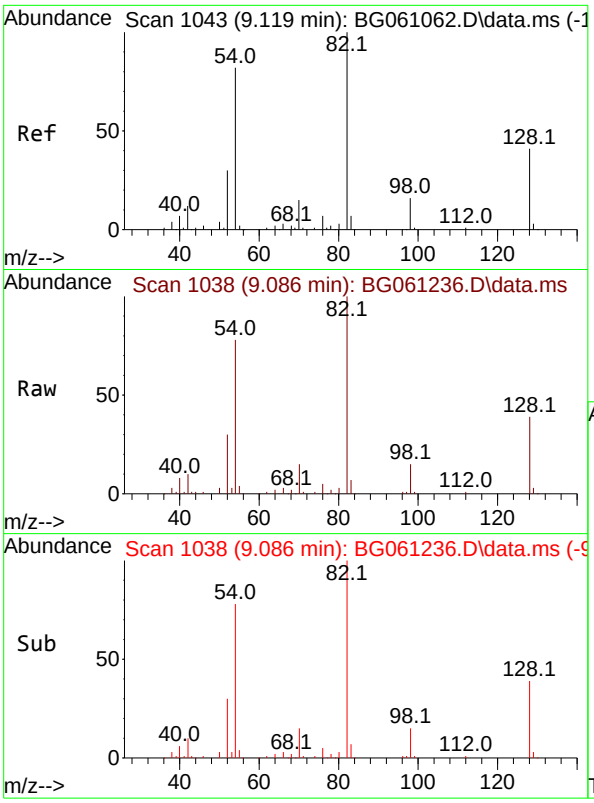


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:136 Resp: 110529

Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.8	11.6
54	12.8	8.1	12.1#
68	4.3	3.0	4.4



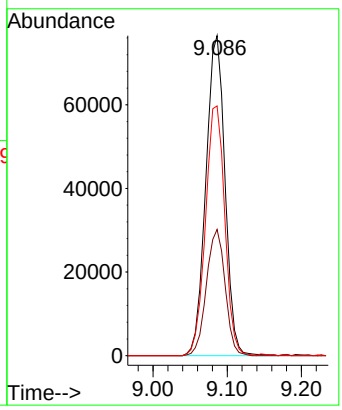


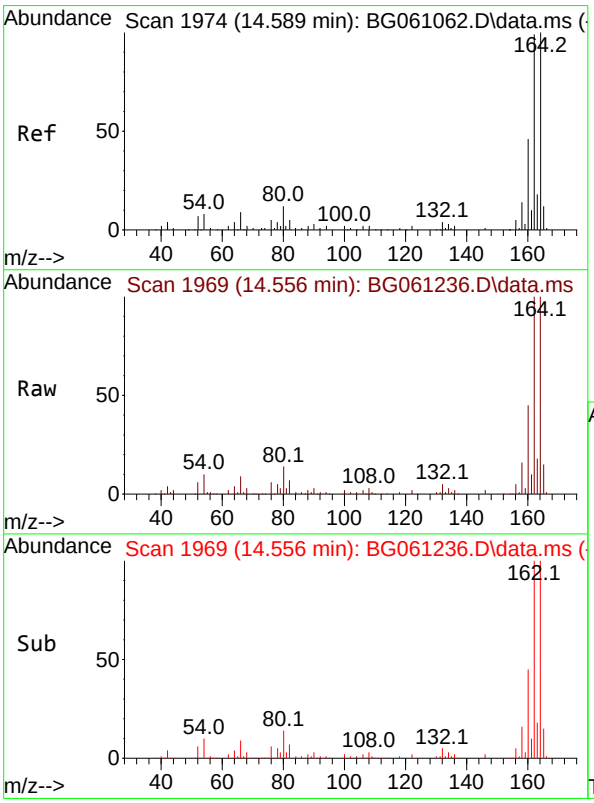
#23
Nitrobenzene-d5
Concen: 61.522 ng
RT: 9.086 min Scan# 1
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion: 82 Resp: 137173

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.7	49.1
54	78.1	65.6	98.4

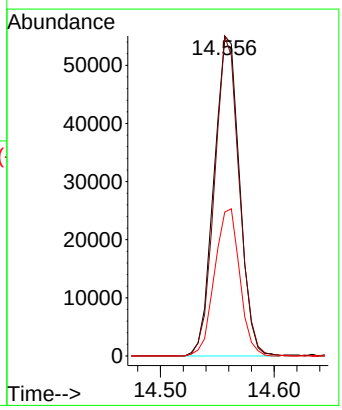


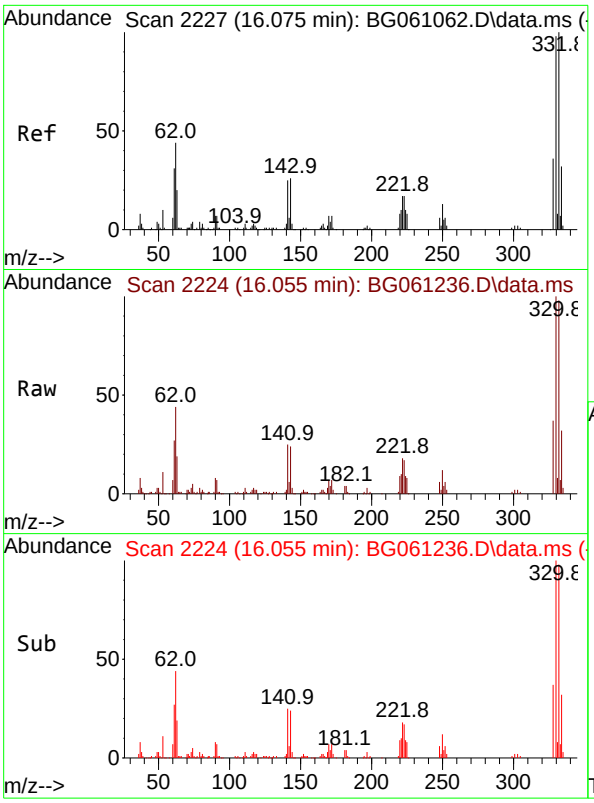


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:164 Resp: 85867

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.4	119.2
160	45.0	37.0	55.6



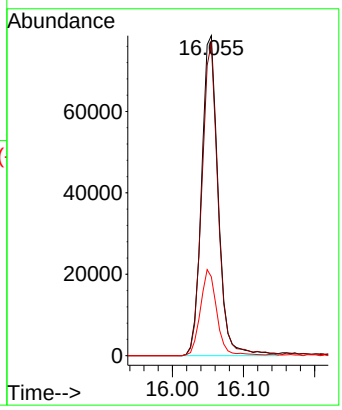


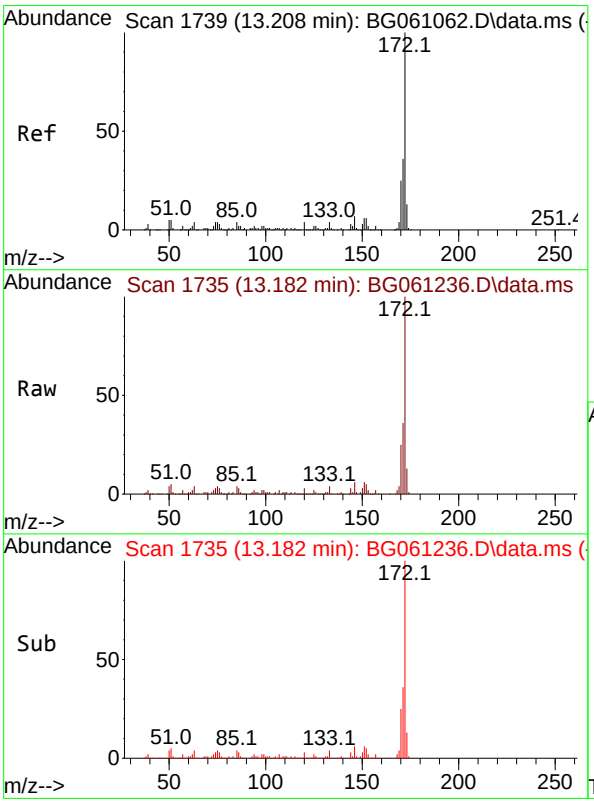
#42
2,4,6-Tribromophenol
Concen: 74.714 ng
RT: 16.055 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:330 Resp: 128234

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	26.6	20.5	30.7

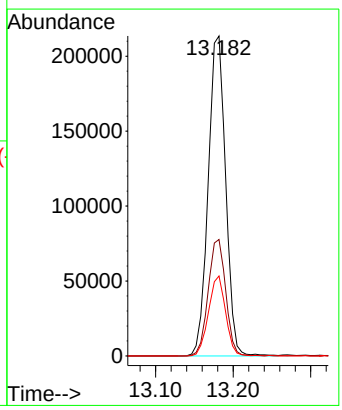


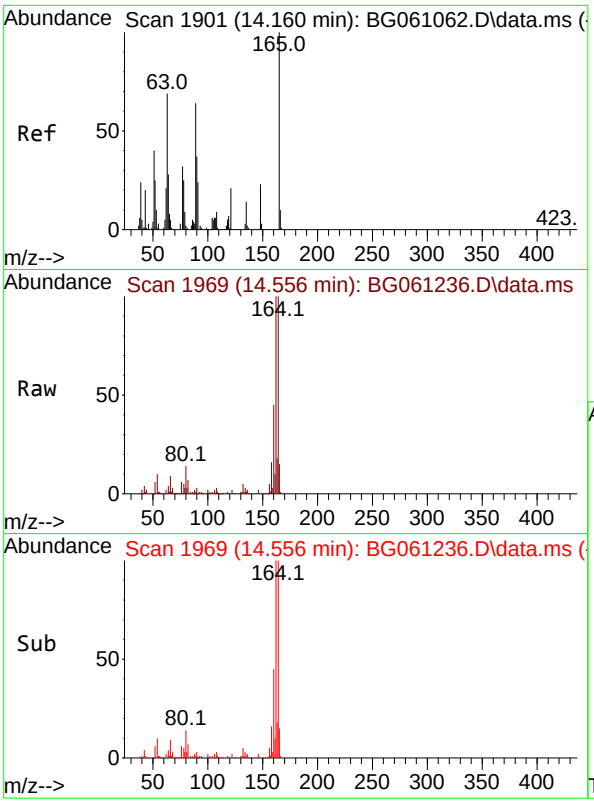


#45
2-Fluorobiphenyl
Concen: 57.498 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:172 Resp: 333883

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.0	20.2	30.4



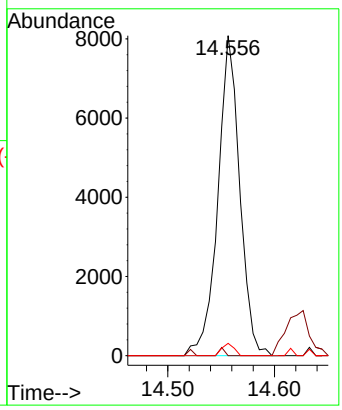


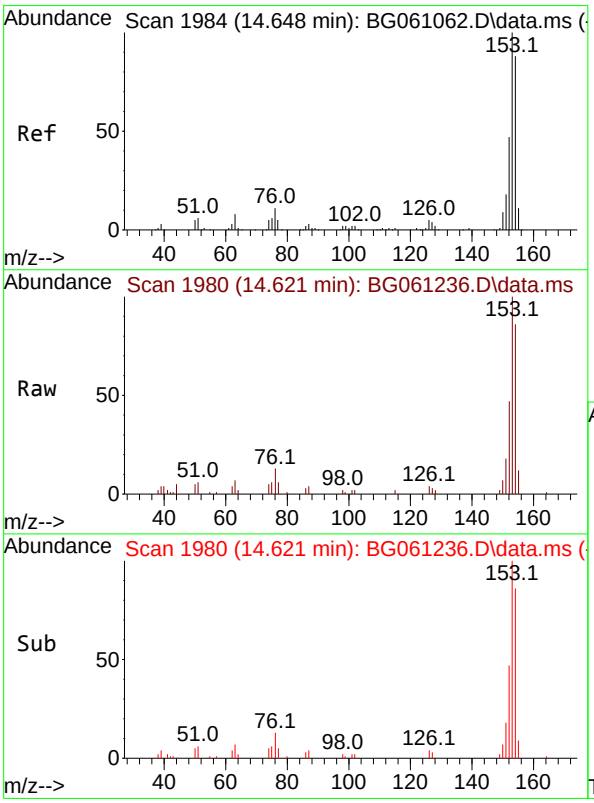
#51
2,6-Dinitrotoluene
Concen: 8.090 ng
RT: 14.556 min Scan# 1
Delta R.T. 0.396 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:165 Resp: 11477

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	3.8	50.9	76.3#

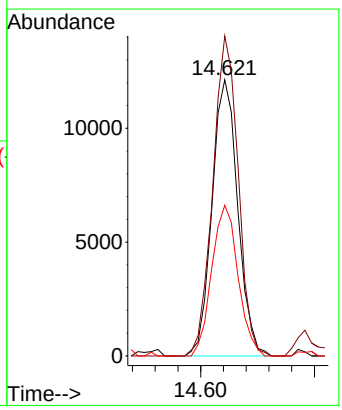


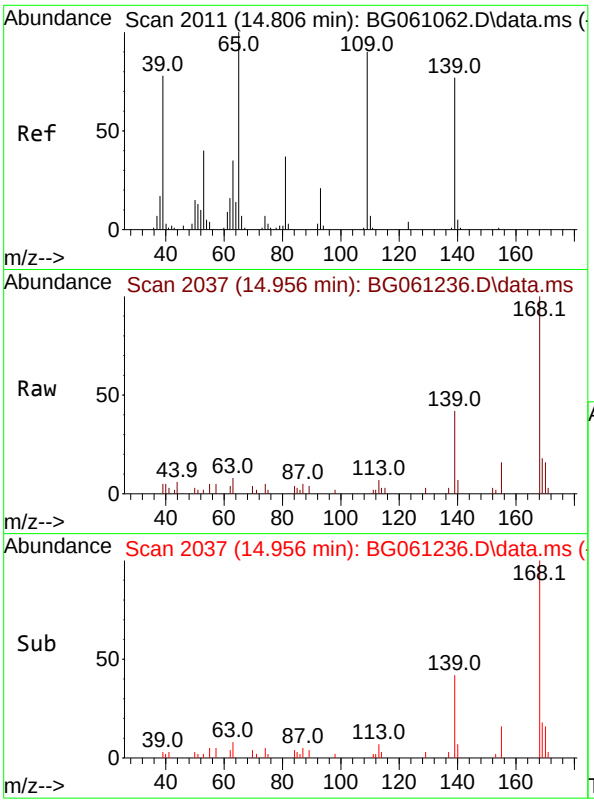


#52
Acenaphthene
Concen: 4.516 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:154 Resp: 19076

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.0	136.4
152	54.5	43.1	64.7



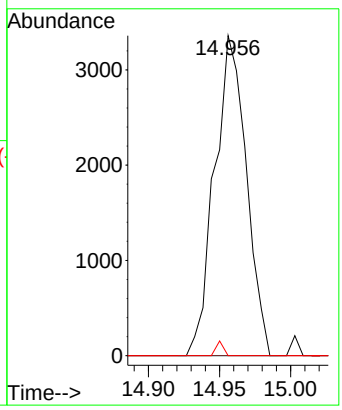


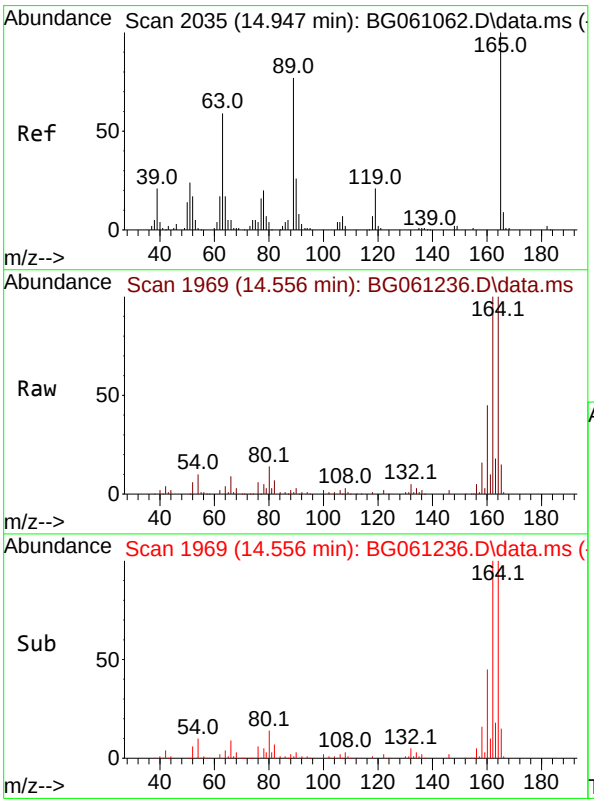
#56
4-Nitrophenol
Concen: 4.987 ng
RT: 14.956 min Scan# 2
Delta R.T. 0.150 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:139 Resp: 5231

Ion	Ratio	Lower	Upper
139	100		
109	0.0	97.7	137.7#
65	0.0	110.7	150.7#

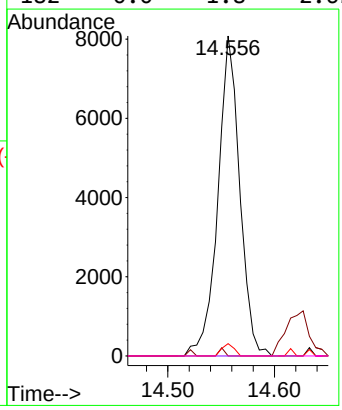


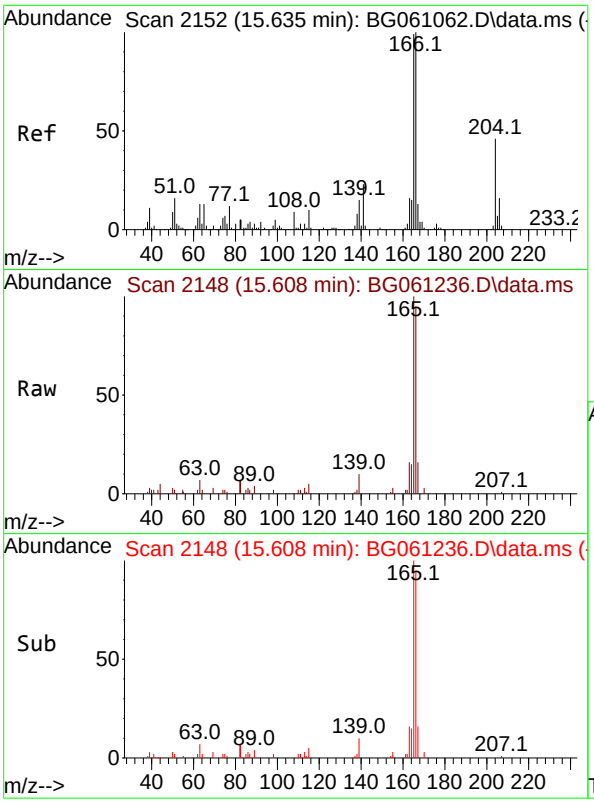


#57
2,4-Dinitrotoluene
Concen: 5.468 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.391 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:165 Resp: 11477

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	3.8	61.8	92.8#
182	0.0	1.8	2.6#



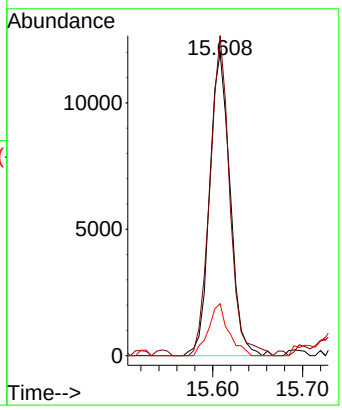


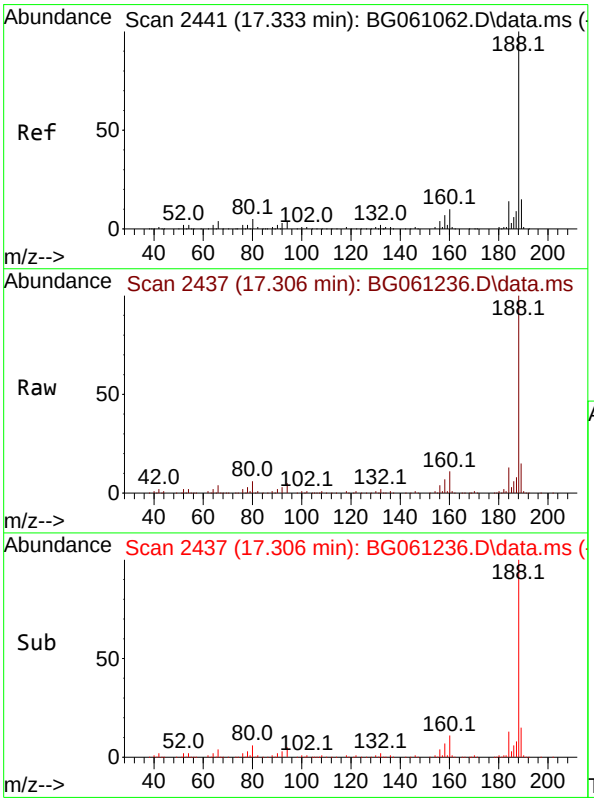
#58
Fluorene
Concen: 3.062 ng
RT: 15.608 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:166 Resp: 18906

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.9	118.3
167	17.2	10.6	15.8#

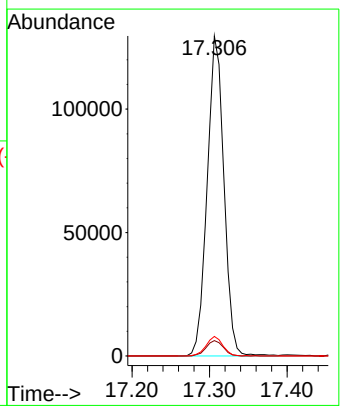


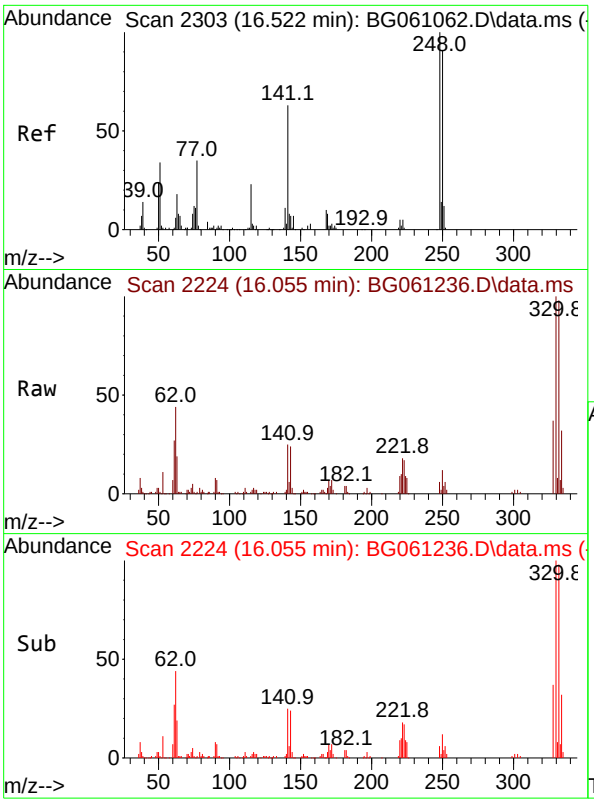


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:188 Resp: 194403

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.6	5.4
80	6.1	4.2	6.2



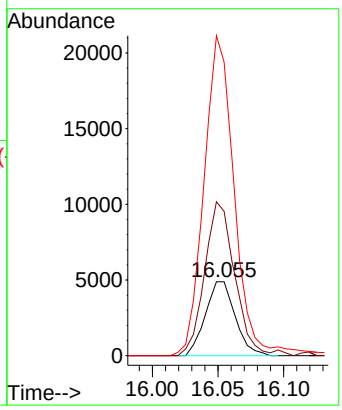


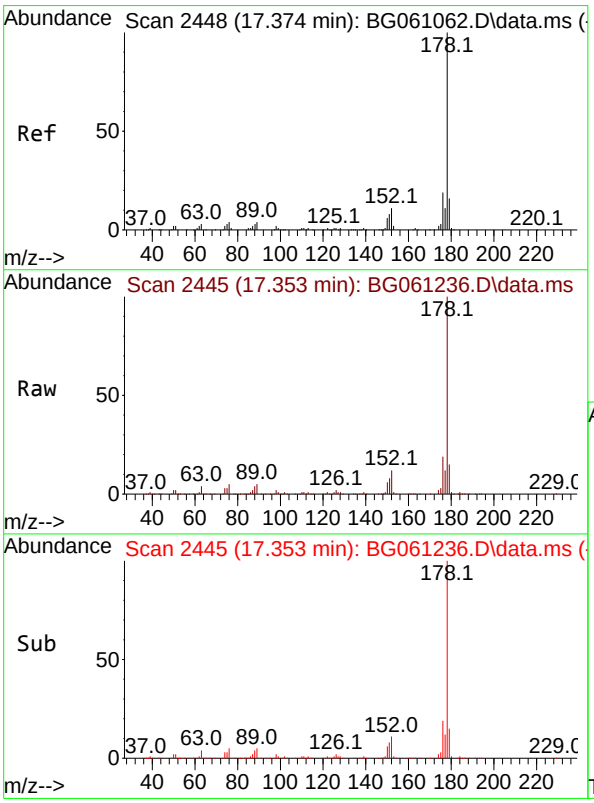
#67
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 16.055 min Scan# 2
Delta R.T. -0.467 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:248 Resp: 7732

Ion	Ratio	Lower	Upper
248	100		
250	195.1	73.0	109.4#
141	396.9	50.8	76.2#

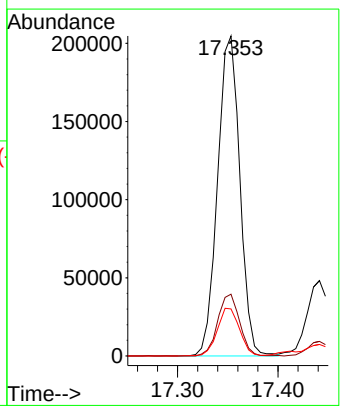


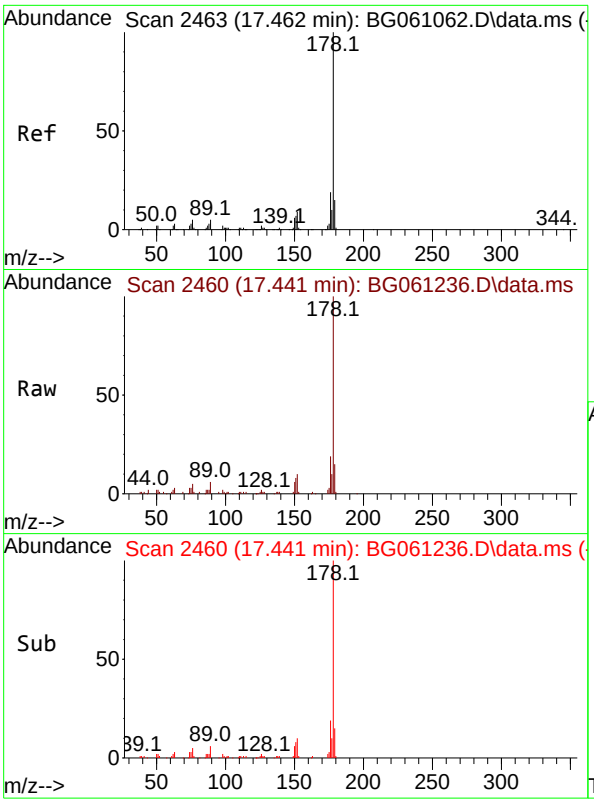


#71
Phenanthrene
Concen: 35.428 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:178 Resp: 314919

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.7	12.6	19.0



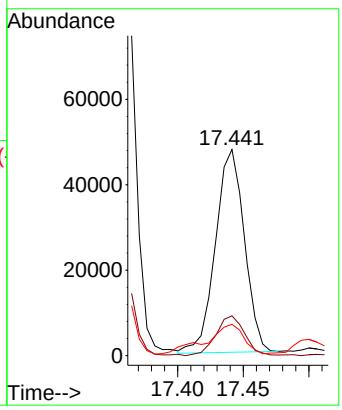


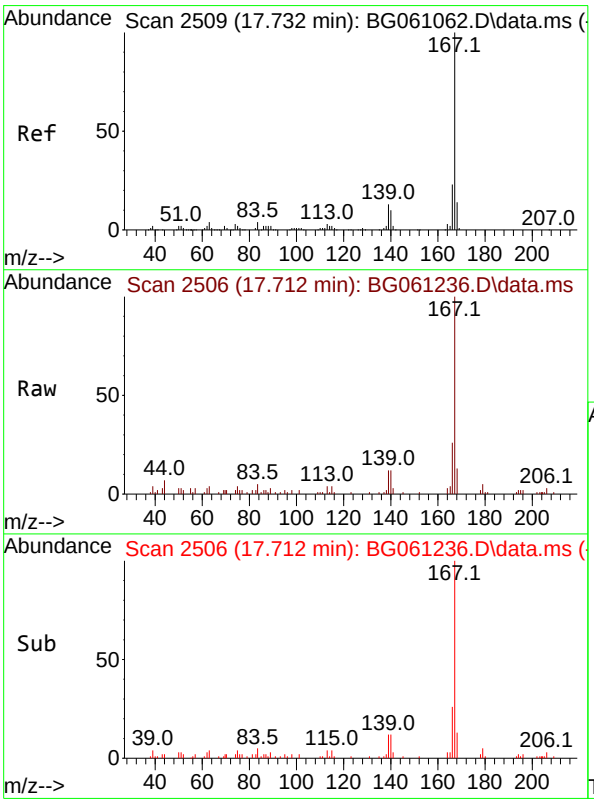
#72
Anthracene
Concen: 8.206 ng
RT: 17.441 min Scan# 24
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:178 Resp: 72780

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.2	12.0	18.0

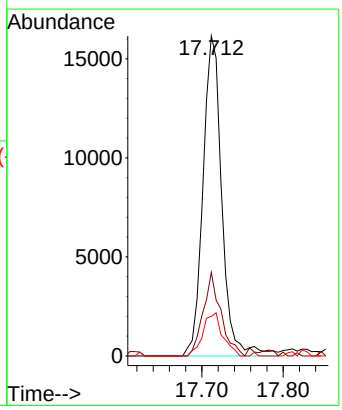


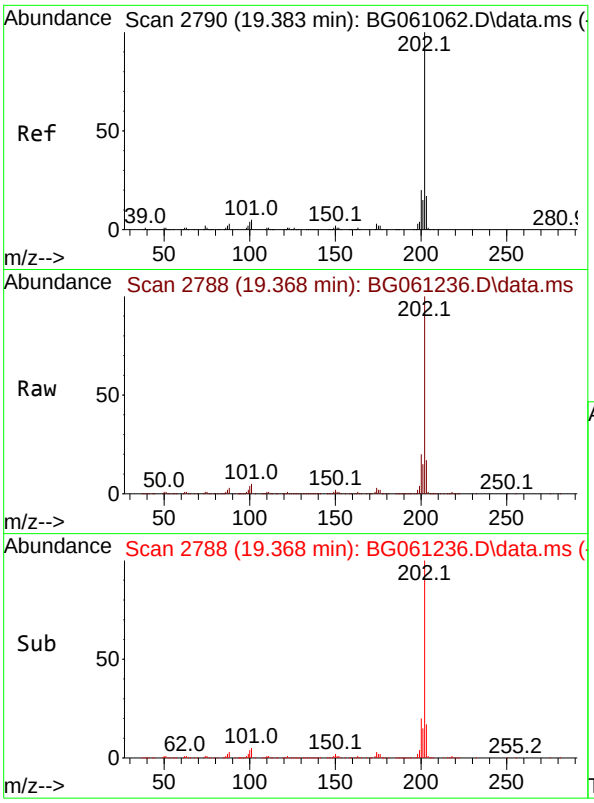


#73
Carbazole
Concen: 3.338 ng
RT: 17.712 min Scan# 2506
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:167 Resp: 26031

Ion	Ratio	Lower	Upper
167	100		
166	26.1	18.7	28.1
139	12.4	10.6	15.8



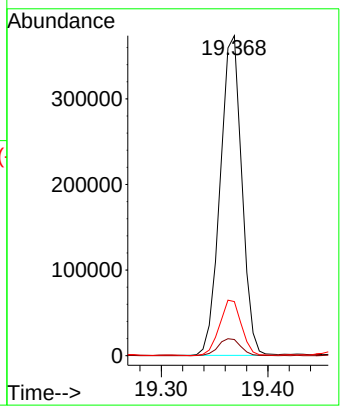


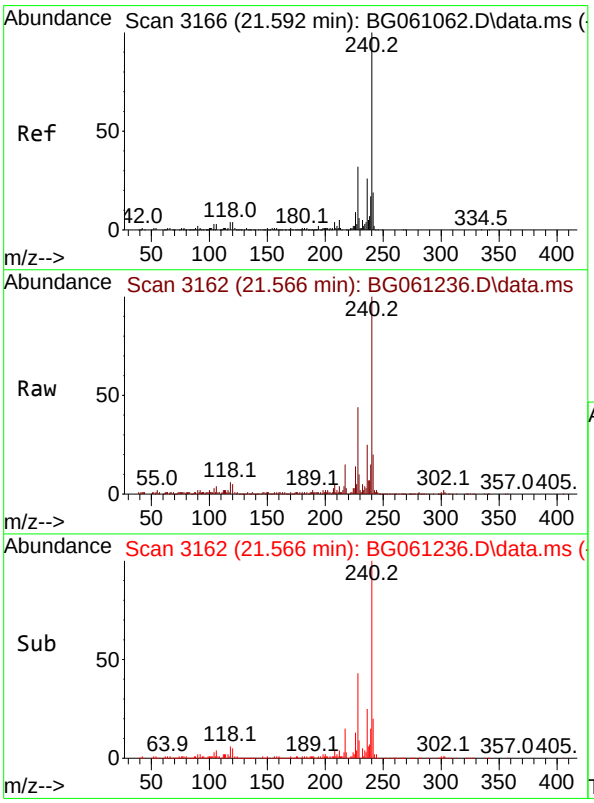
#75
Fluoranthene
Concen: 43.121 ng
RT: 19.368 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:202 Resp: 525107

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	24.7
203	16.9	0.0	37.1

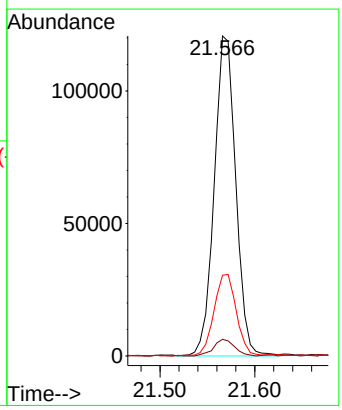


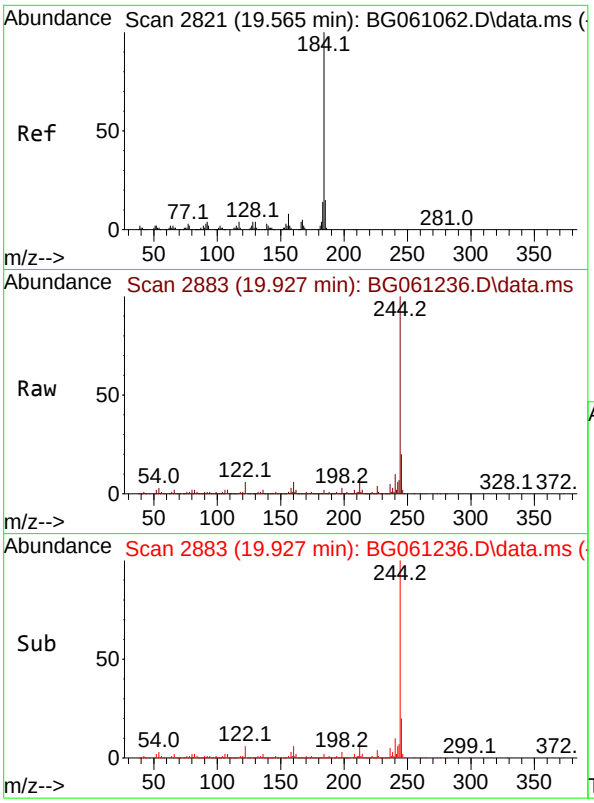


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:240 Resp: 190694

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.2	4.8#
236	25.3	21.0	31.6



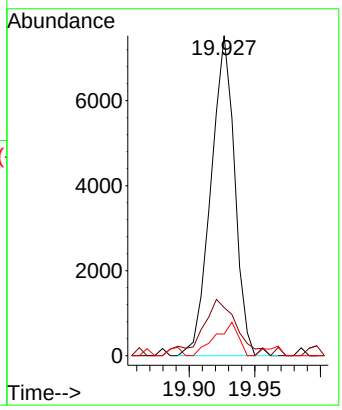


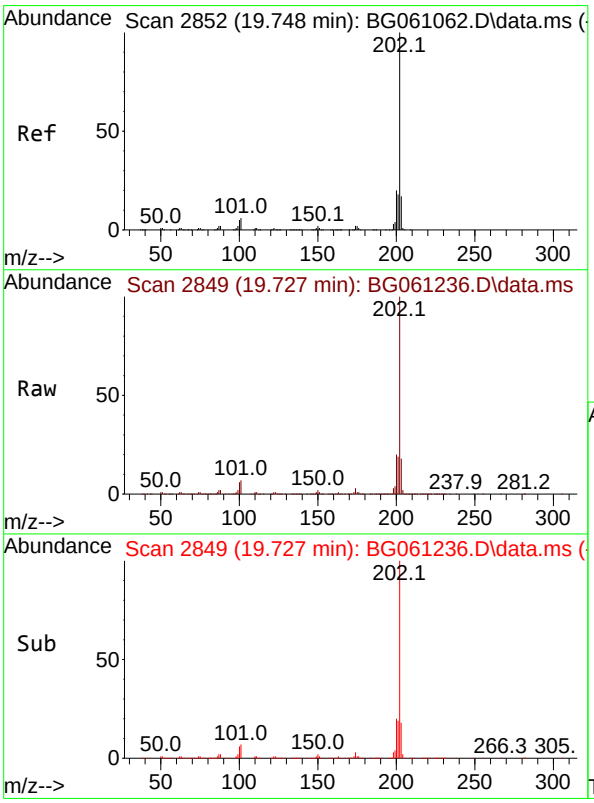
#77
Benzidine
Concen: 5.261 ng
RT: 19.927 min Scan# 2
Delta R.T. 0.362 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:184 Resp: 9501

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.0	18.0
183	6.7	10.9	16.3#

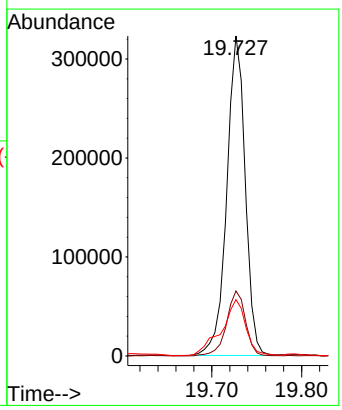


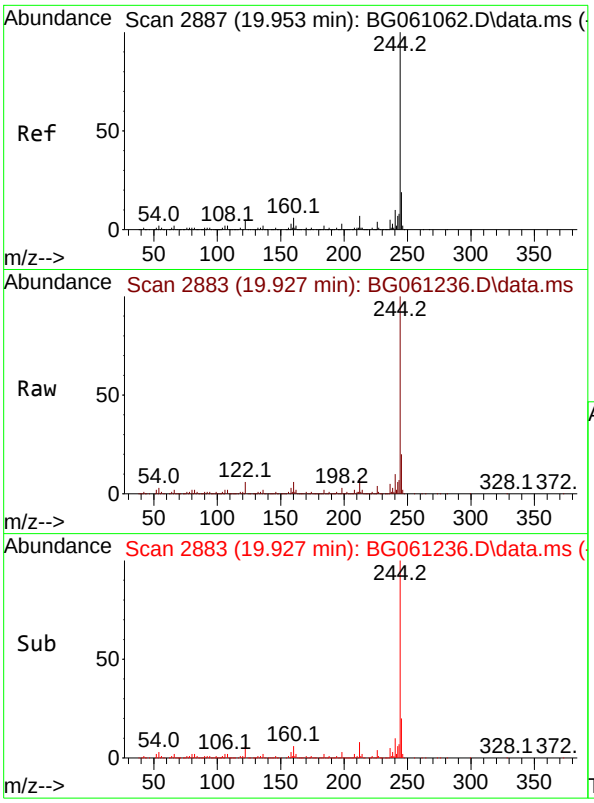


#78
Pyrene
Concen: 37.983 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:202 Resp: 460493

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.6	13.3	19.9



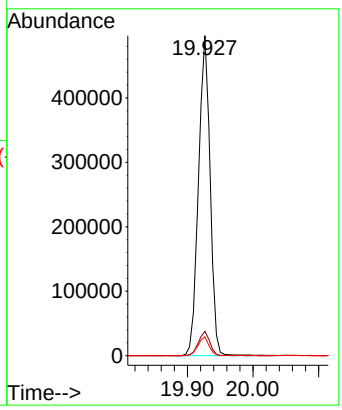


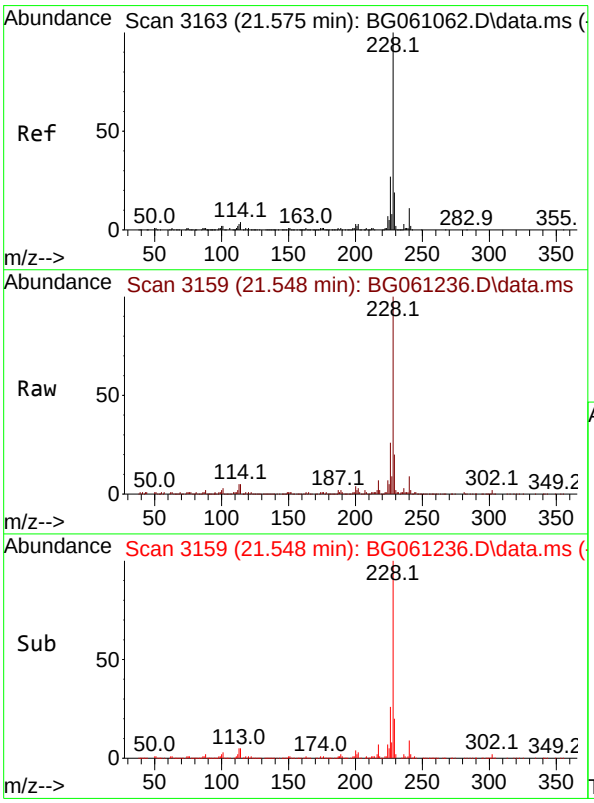
#79
Terphenyl-d14
Concen: 53.573 ng
RT: 19.927 min Scan# 2
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:244 Resp: 614268

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	5.9	4.2	6.2

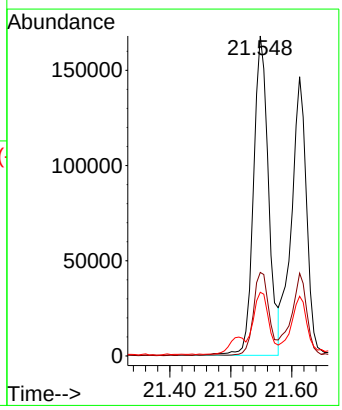


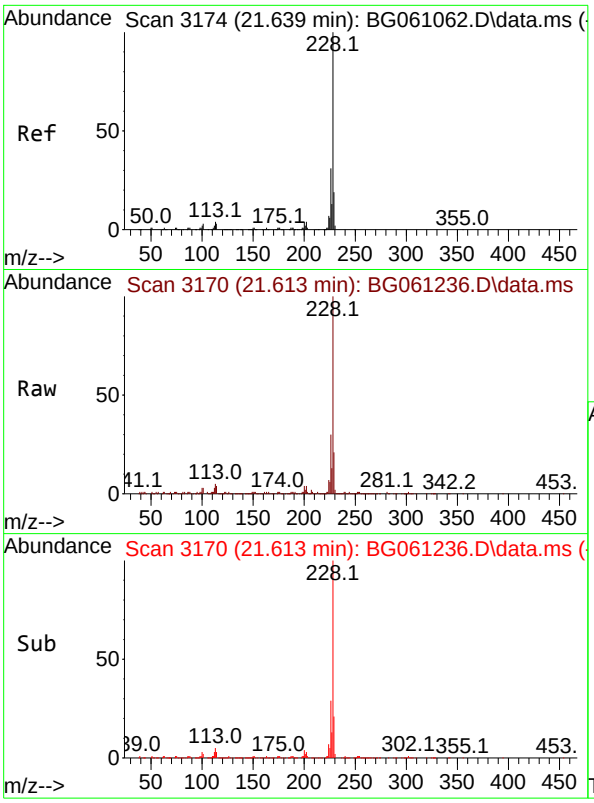


#81
Benzo(a)anthracene
Concen: 23.003 ng
RT: 21.548 min Scan# 3159
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:228 Resp: 287039

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.6	32.4
229	19.9	15.0	22.4



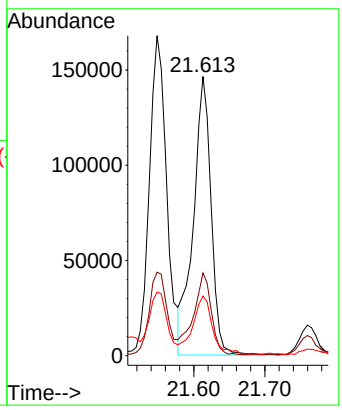


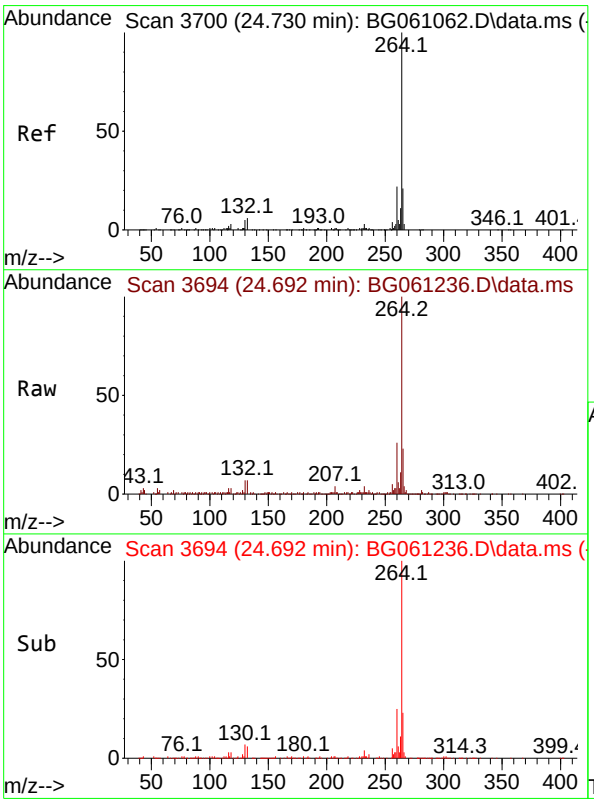
#83
Chrysene
Concen: 21.799 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.027 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:228 Resp: 254853

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	21.4	14.8	22.2

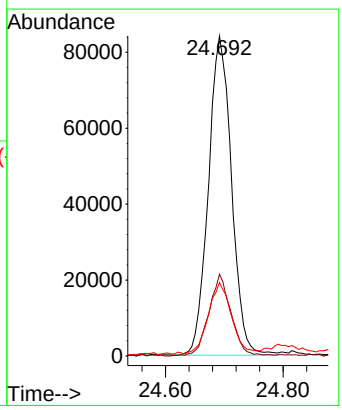


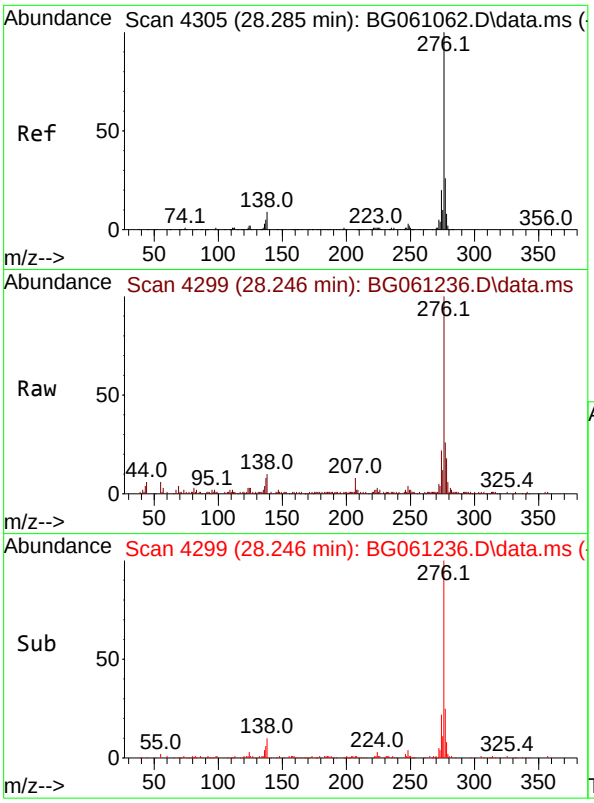


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.038 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:264 Resp: 229933

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.7	26.5
265	22.9	16.4	24.6



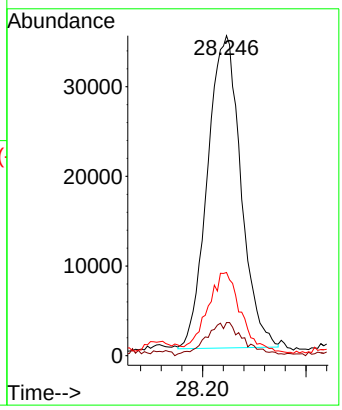


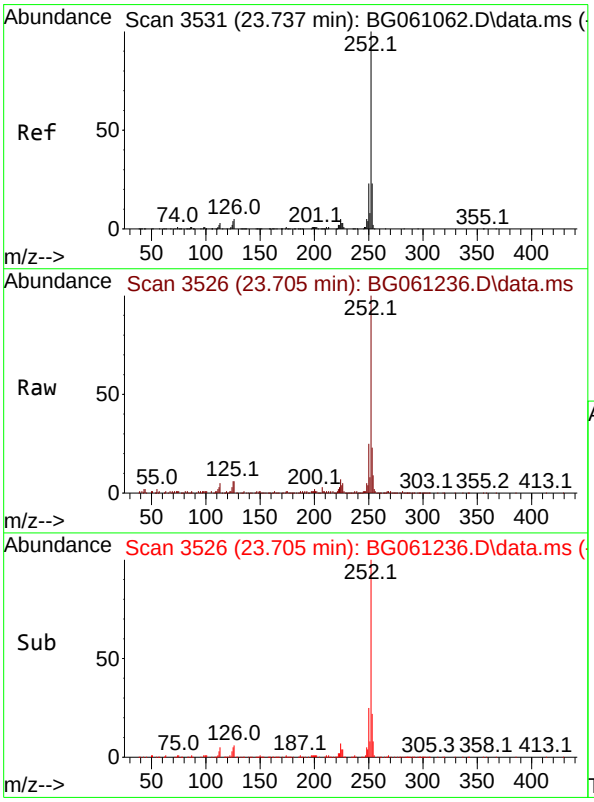
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.229 ng
RT: 28.246 min Scan# 4
Delta R.T. -0.038 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:276 Resp: 155872

Ion	Ratio	Lower	Upper
276	100		
138	5.9	5.1	7.7
277	26.3	20.6	30.8

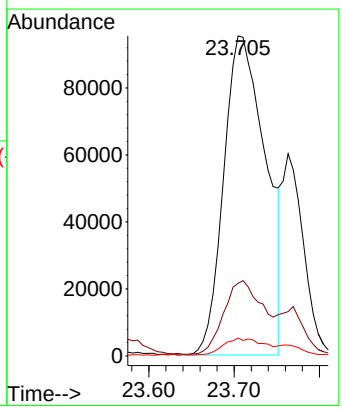


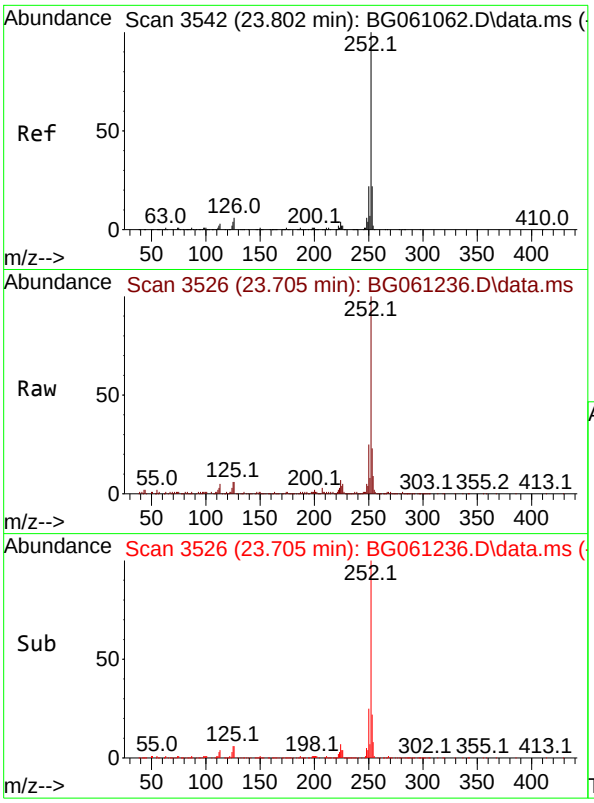


#88
Benzo(b)fluoranthene
Concen: 25.317 ng
RT: 23.705 min Scan# 3526
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:252 Resp: 325294

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	5.6	3.4	5.0#



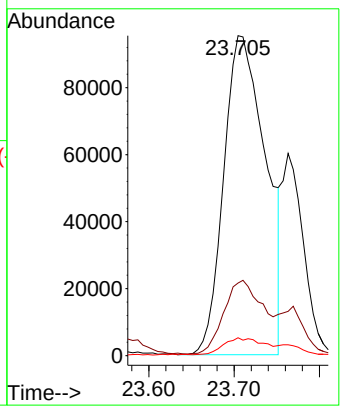


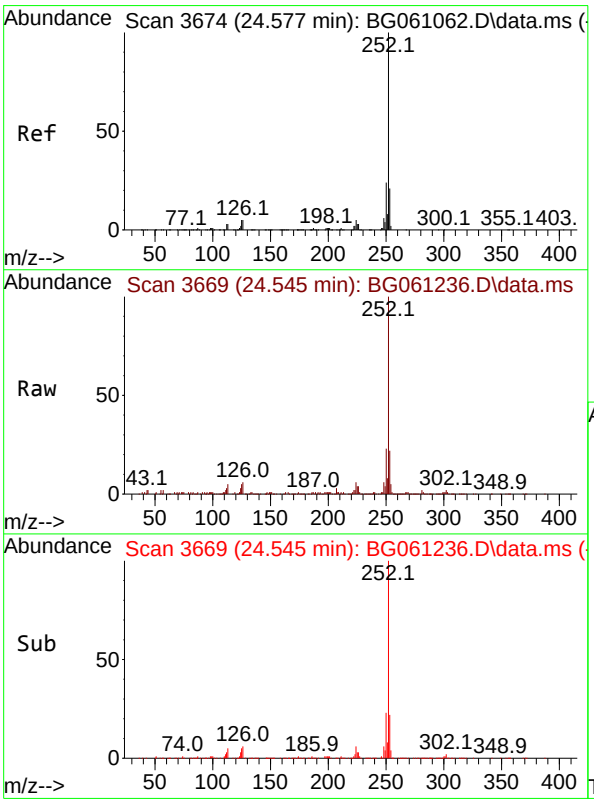
#89
Benzo(k)fluoranthene
Concen: 26.316 ng
RT: 23.705 min Scan# 3
Delta R.T. -0.097 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:252 Resp: 325294

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	5.6	3.2	4.8#

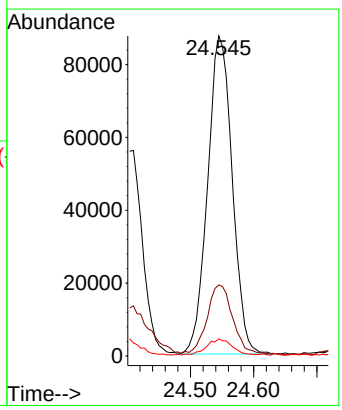


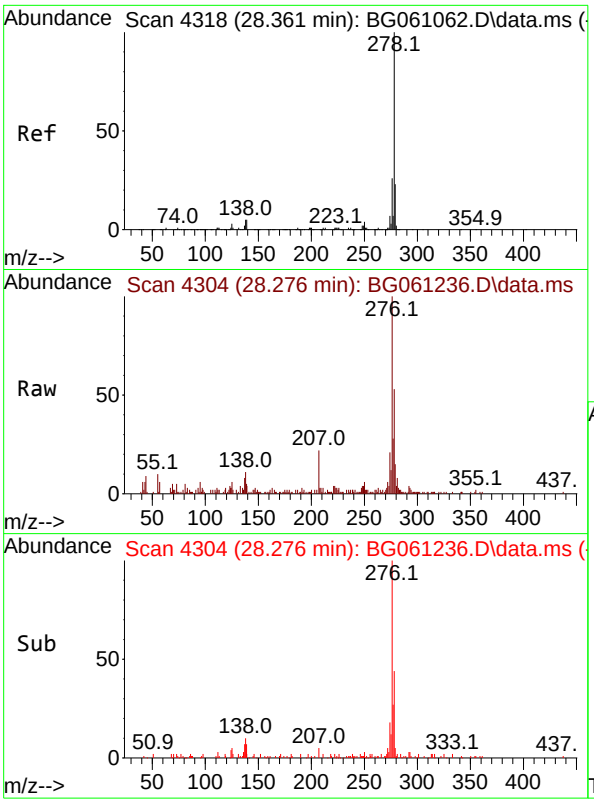


#90
Benzo(a)pyrene
Concen: 21.142 ng
RT: 24.545 min Scan# 3669
Delta R.T. -0.032 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:252 Resp: 236663

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.9	25.3
125	5.4	3.8	5.8



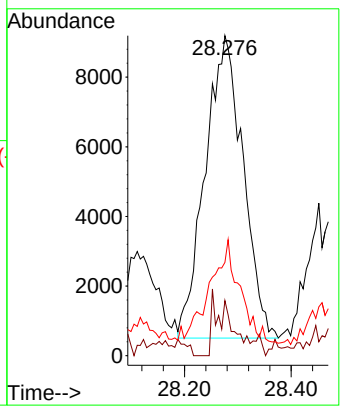


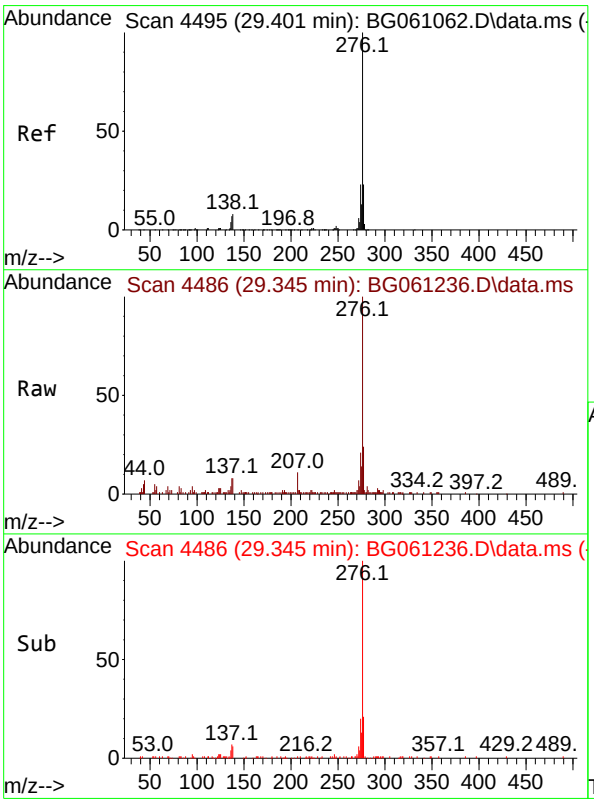
#91
Dibenzo(a,h)anthracene
Concen: 3.395 ng
RT: 28.276 min Scan# 4
Delta R.T. -0.085 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Tgt Ion:278 Resp: 42848

Ion	Ratio	Lower	Upper
278	100		
139	17.2	4.2	6.2#
279	29.1	18.0	27.0#





#92
Benzo(g,h,i)perylene
Concen: 12.190 ng
RT: 29.345 min Scan# 4486
Delta R.T. -0.056 min
Lab File: BG061236.D
Acq: 17 May 2024 13:07

Tgt Ion:276 Resp: 152866

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.2	27.4
138	7.9	6.2	9.2