Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061097.D
Acq On : 2 May 2024 17:28
Operator : MA/JU
Sample : P2332-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 18:42:35 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	7.935	152	30326	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	113303	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	78880	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	177224	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	170764	20.000	ng	-0.02
86) Perylene-d12	24.698	264	145312	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	23959	16.067	ng	-0.02
7) Phenol-d6	7.113	99	33058	14.986	ng	-0.02
23) Nitrobenzene-d5	9.087	82	23611	10.330	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	24861	15.768	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	66609	12.487	ng	-0.02
79) Terphenyl-d14	19.933	244	115890	11.287	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.089	77	66	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.087	70	3714	2.250	ng	# 50
51) 2,6-Dinitrotoluene	14.569	165	10187	7.817	ng	# 18
57) 2,4-Dinitrotoluene	14.569	165	10187	5.284	ng	# 19
71) Phenanthrene	17.354	178	57523	7.099	ng	99
72) Anthracene	17.354	178	57523	7.114	ng	99
75) Fluoranthene	19.369	202	78806	7.099	ng	99
77) Benzidine	19.551	184	286	2.878	ng	# 1
78) Pyrene	19.727	202	120881	11.134	ng	98
81) Benzo(a)anthracene	21.555	228	60251	5.392	ng	# 94
83) Chrysene	21.613	228	59751	5.707	ng	# 91
88) Benzo(b)fluoranthene	23.723	252	40499	4.988	ng	# 79
89) Benzo(k)fluoranthene	23.723	252	40499	5.184	ng	# 76
90) Benzo(a)pyrene	24.551	252	27834	3.935	ng	# 81

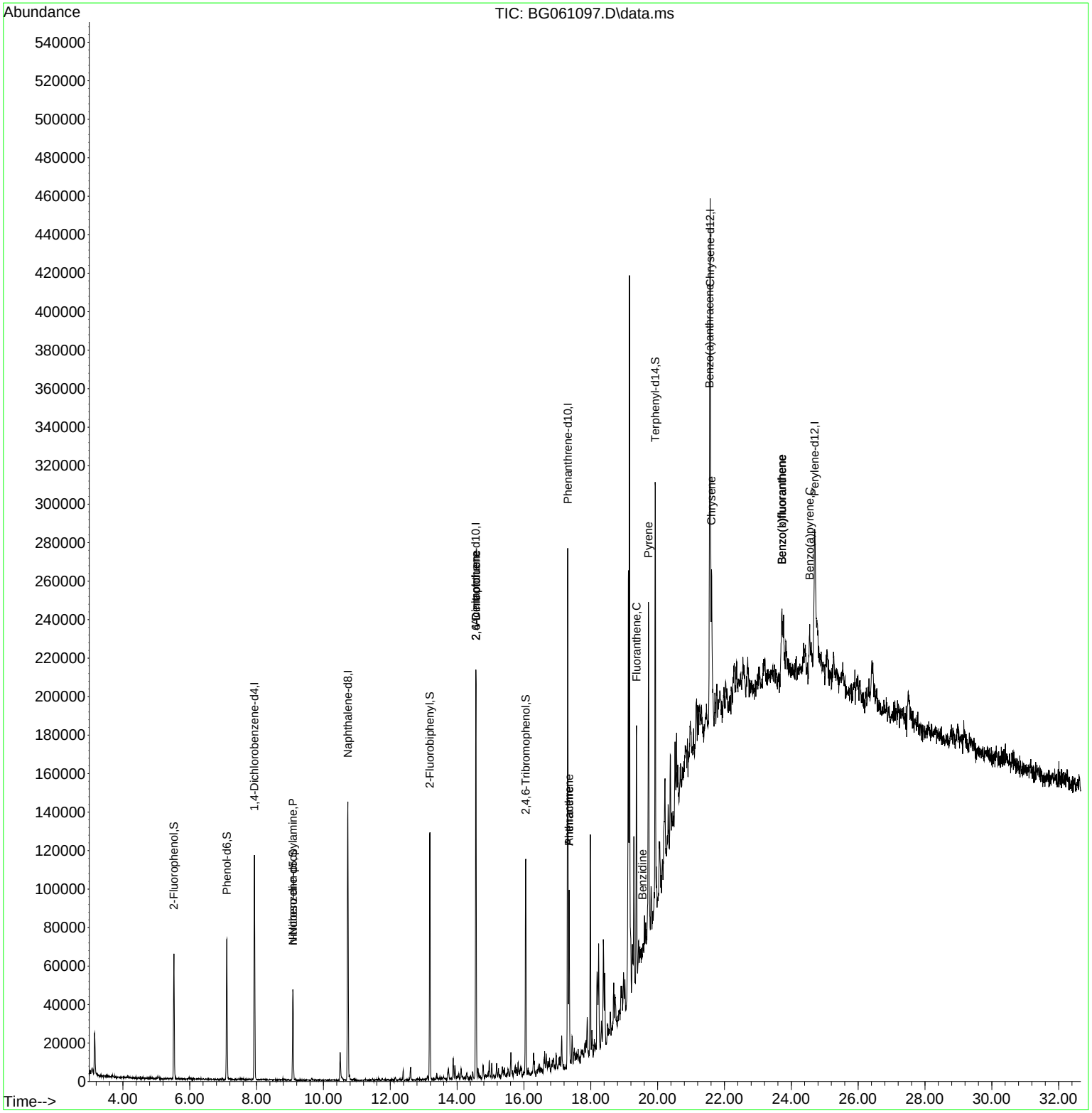
(#) = qualifier out of range (m) = manual integration (+) = signals summed

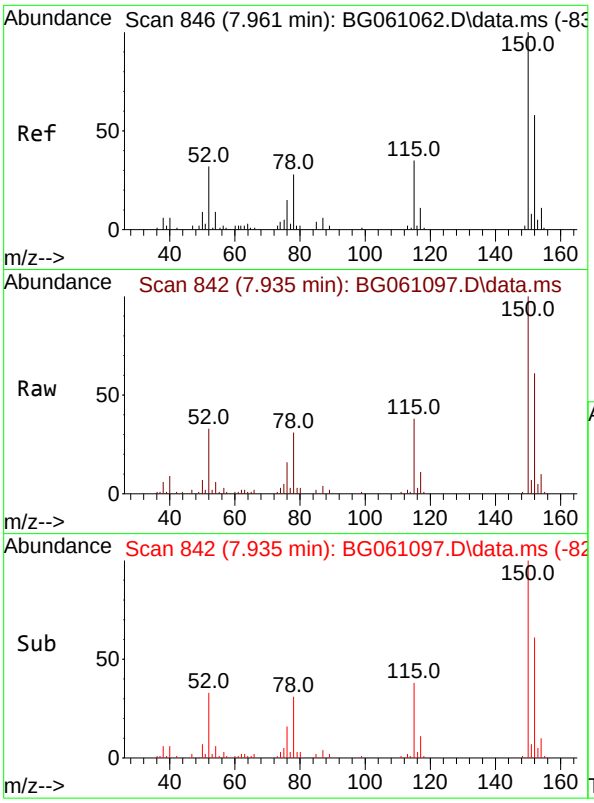
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061097.D
Acq On : 2 May 2024 17:28
Operator : MA/JU
Sample : P2332-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 18:42:35 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



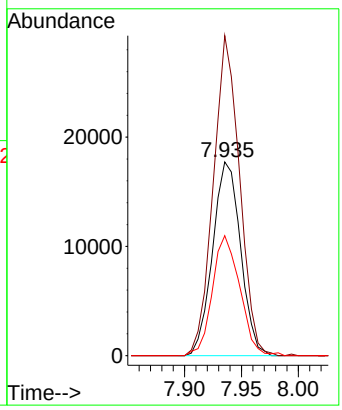


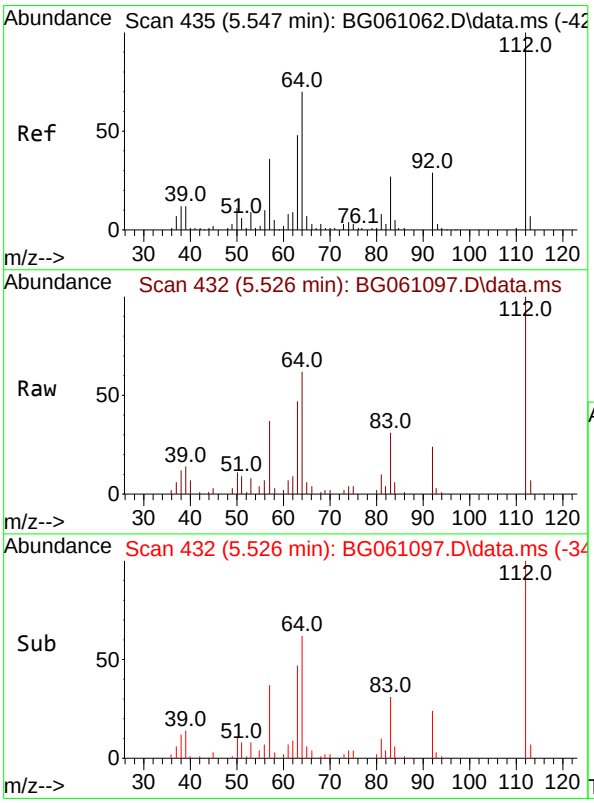
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30326

Ion	Ratio	Lower	Upper
152	100		
150	165.2	138.3	207.5
115	62.0	48.0	72.0

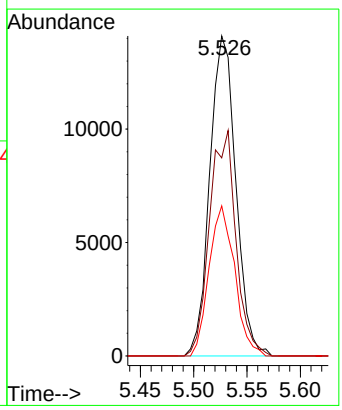


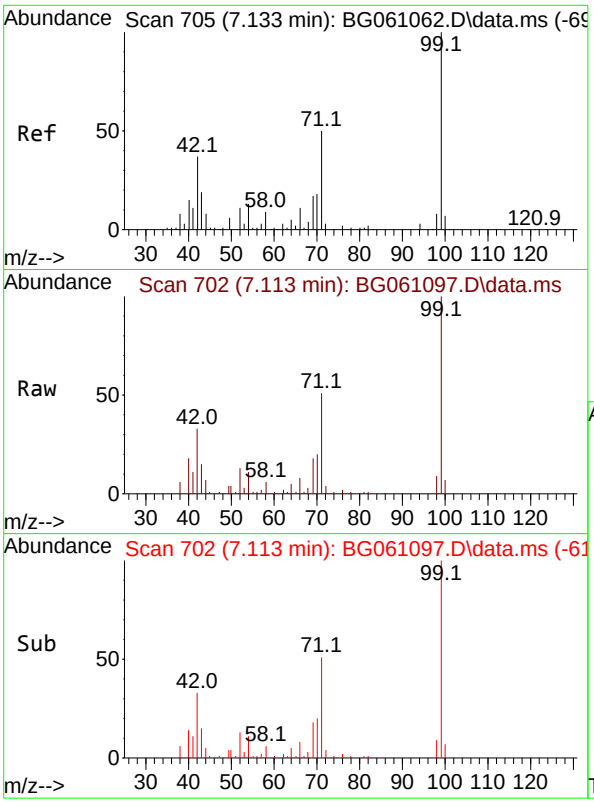


#5
2-Fluorophenol
Concen: 16.067 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:112 Resp: 23959

Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.7	83.5
63	46.9	38.1	57.1



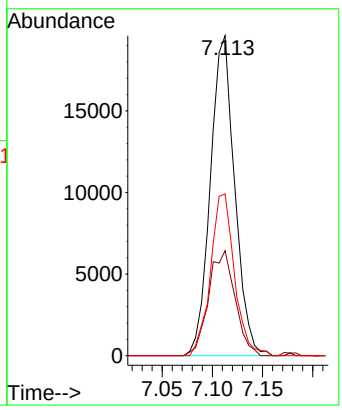


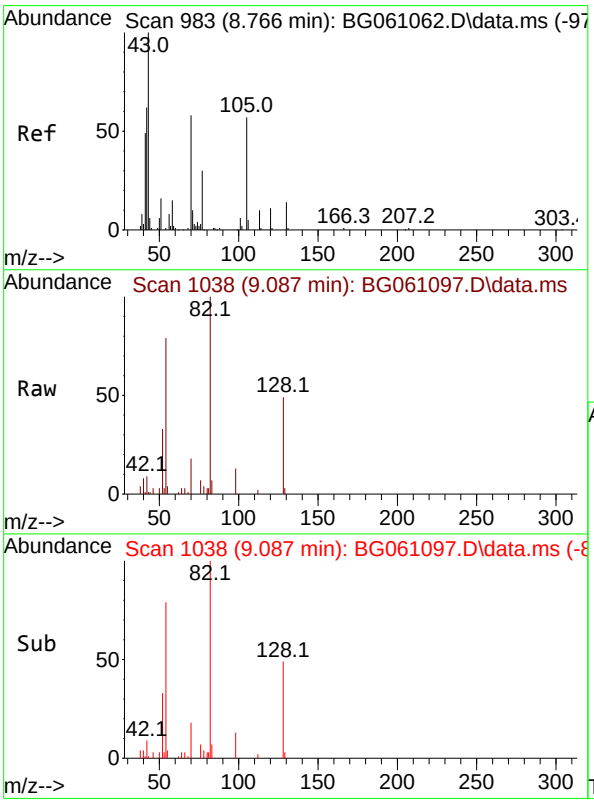
#7
Phenol-d6
Concen: 14.986 ng
RT: 7.113 min Scan# 7(
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 33058

Ion	Ratio	Lower	Upper
99	100		
42	32.8	29.2	43.8
71	50.6	39.7	59.5

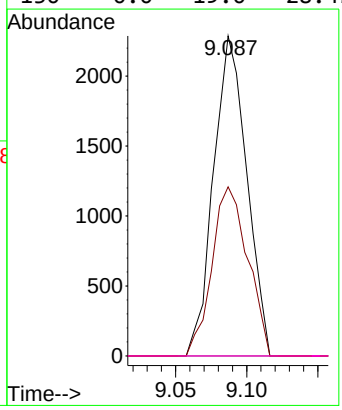


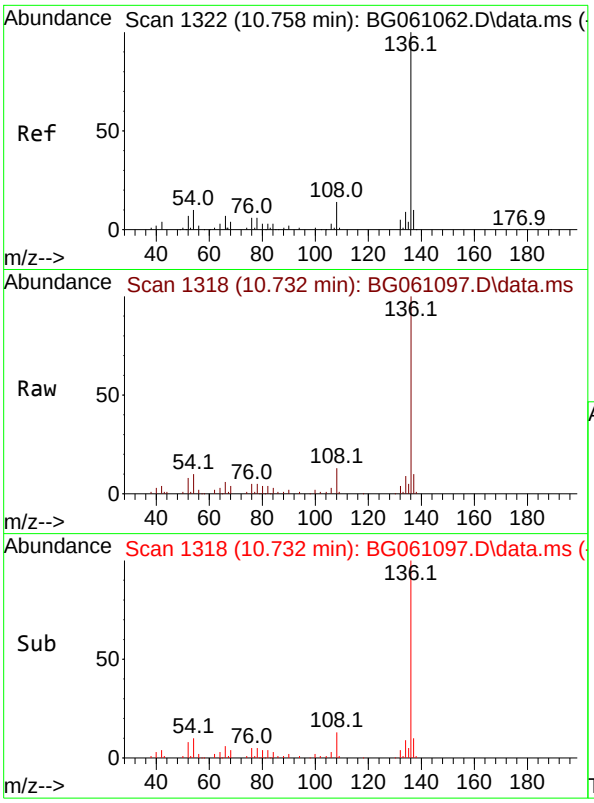


#19
n-Nitroso-di-n-propylamine
Concen: 2.250 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion: 70 Resp: 3714

Ion	Ratio	Lower	Upper
70	100		
42	52.9	86.4	129.6#
101	0.0	7.8	11.8#
130	0.0	19.0	28.4#



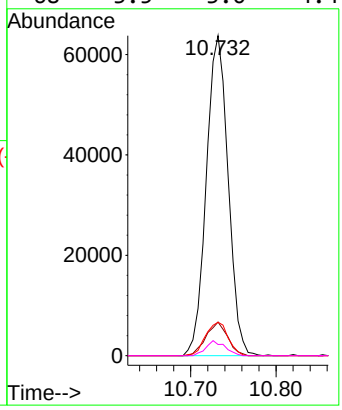


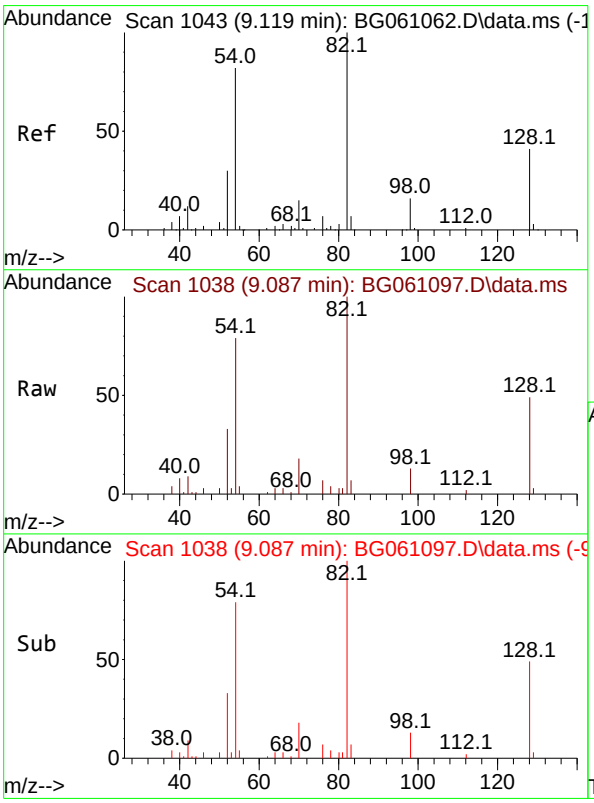
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 113303

Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.8	11.6
54	10.4	8.1	12.1
68	3.5	3.0	4.4

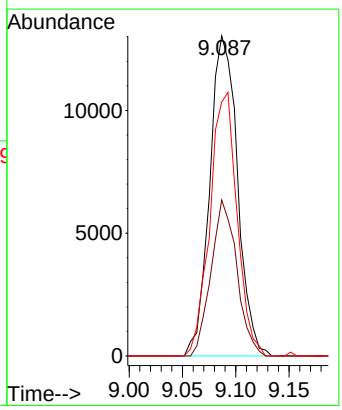


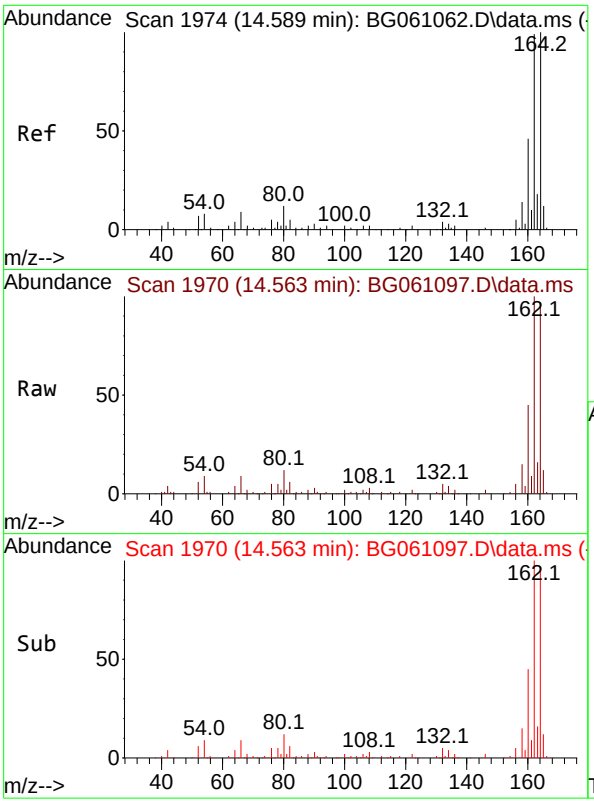


#23
Nitrobenzene-d5
Concen: 10.330 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion: 82 Resp: 23611

Ion	Ratio	Lower	Upper
82	100		
128	48.8	32.7	49.1
54	79.3	65.6	98.4



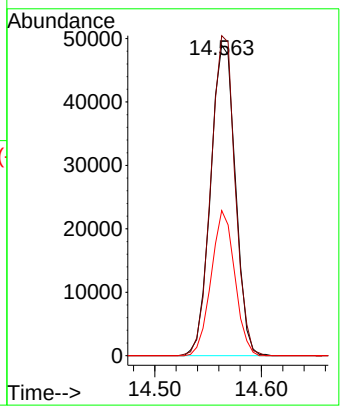


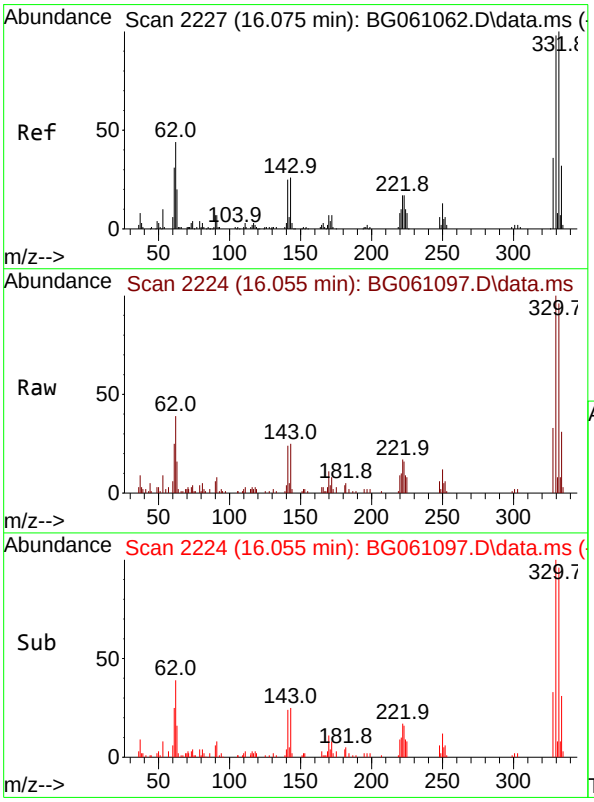
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 78880

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.4	119.2
160	46.8	37.0	55.6

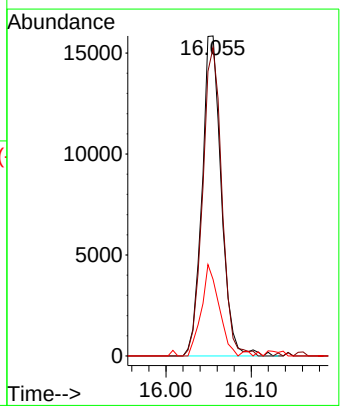


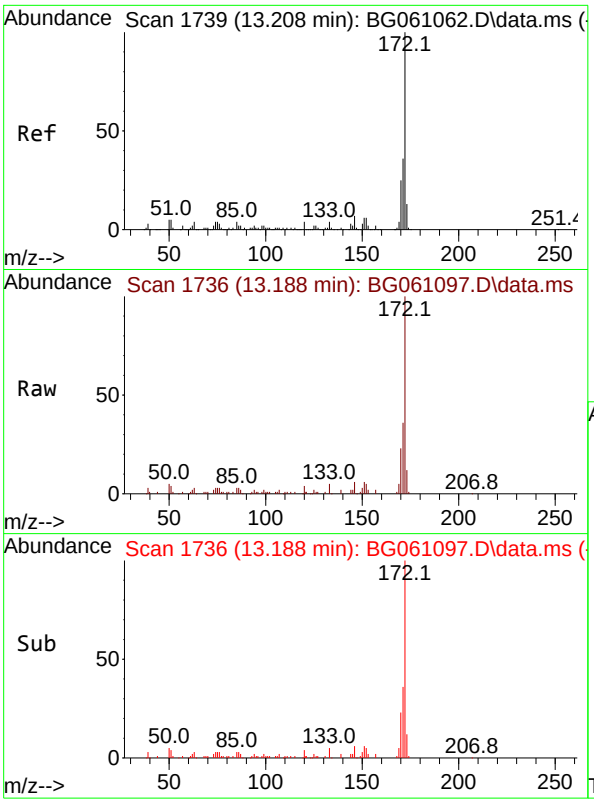


#42
2,4,6-Tribromophenol
Concen: 15.768 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:330 Resp: 24861

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	26.1	20.5	30.7



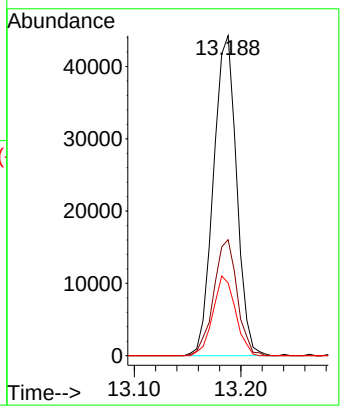


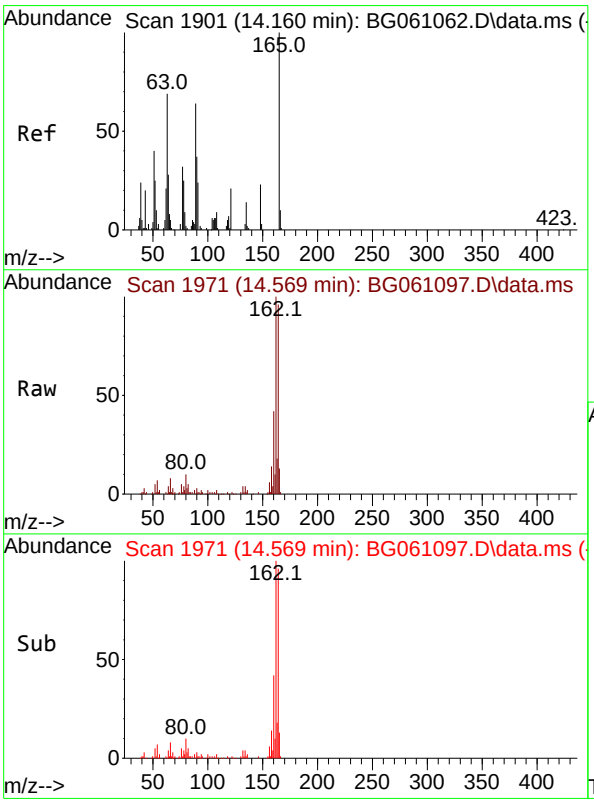
#45
2-Fluorobiphenyl
Concen: 12.487 ng
RT: 13.188 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 66609

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	22.8	20.2	30.4

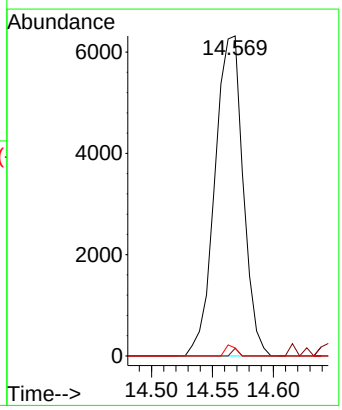


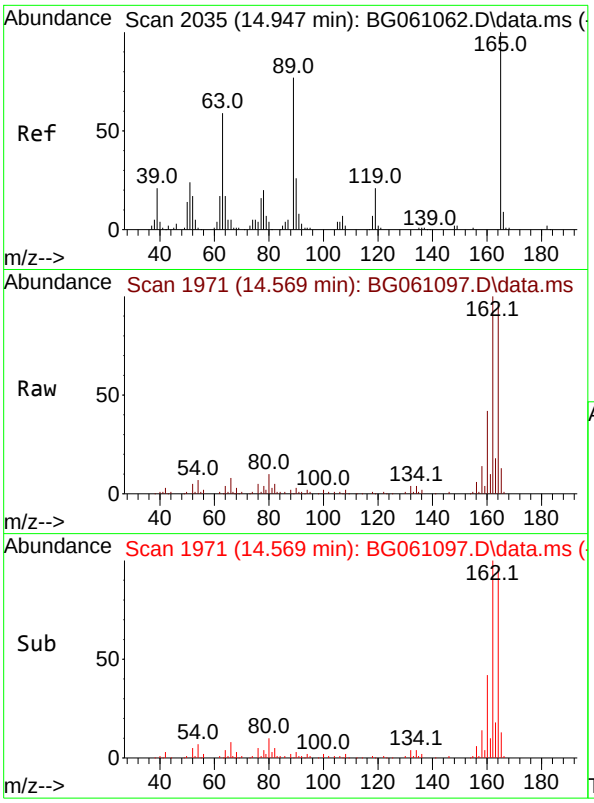


#51
2,6-Dinitrotoluene
Concen: 7.817 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.409 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:165 Resp: 10187

Ion	Ratio	Lower	Upper
165	100		
63	2.4	60.0	90.0#
89	2.5	50.9	76.3#



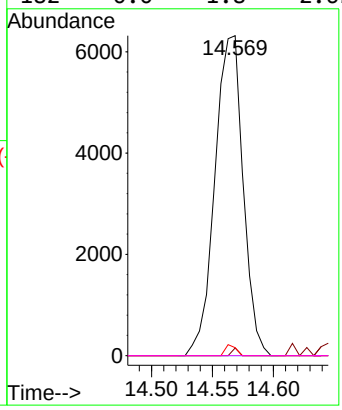


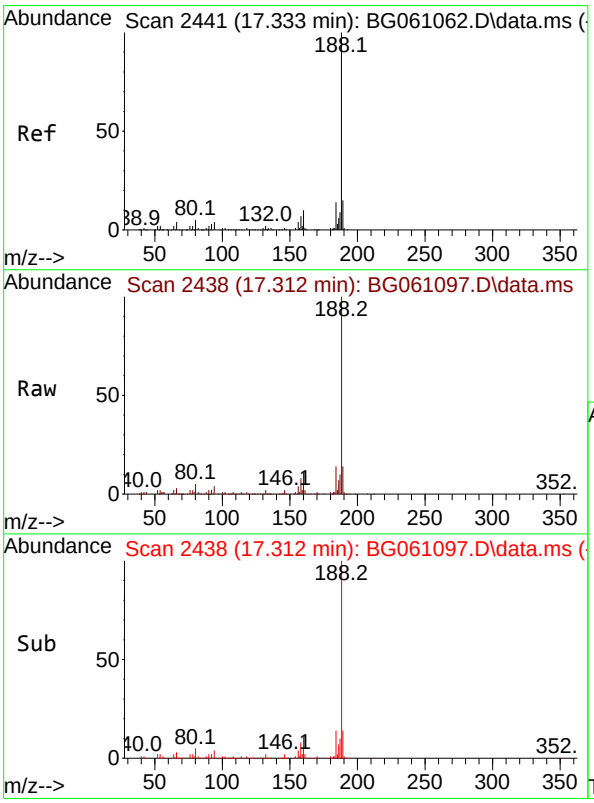
#57
2,4-Dinitrotoluene
Concen: 5.284 ng
RT: 14.569 min Scan# 1
Delta R.T. -0.379 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10187

Ion	Ratio	Lower	Upper
165	100		
63	2.4	47.3	70.9#
89	2.5	61.8	92.8#
182	0.0	1.8	2.6#

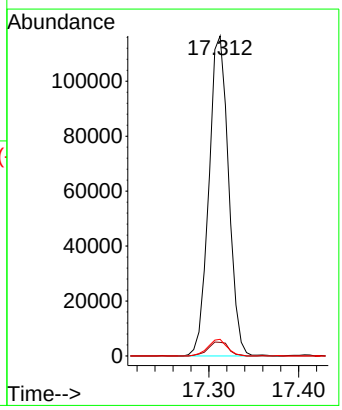


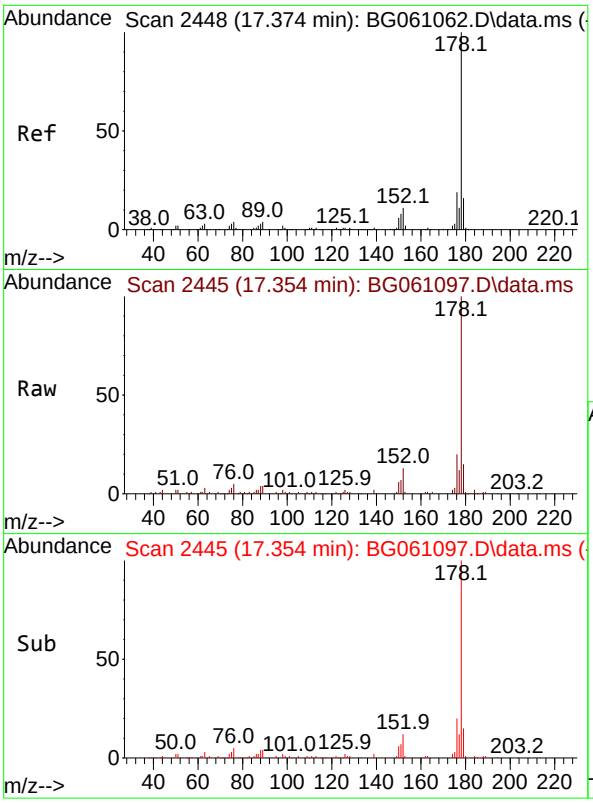


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:188 Resp: 177224

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.6	5.4
80	5.2	4.2	6.2



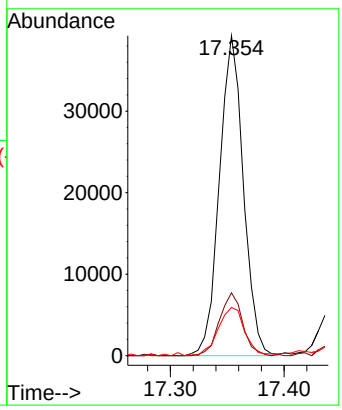


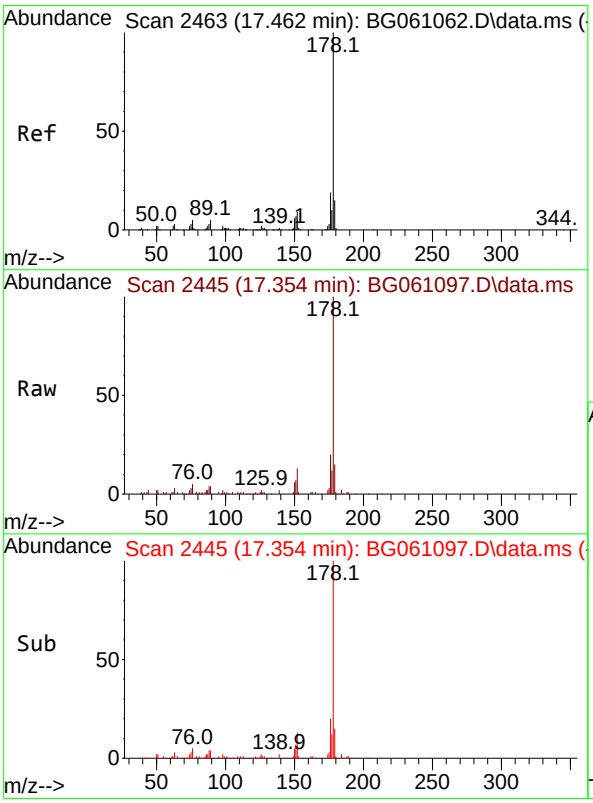
#71
Phenanthrene
Concen: 7.099 ng
RT: 17.354 min Scan# 24
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 57523

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.1	12.6	19.0

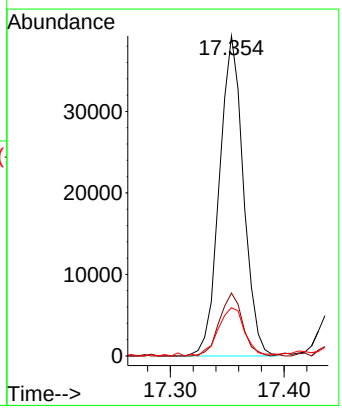


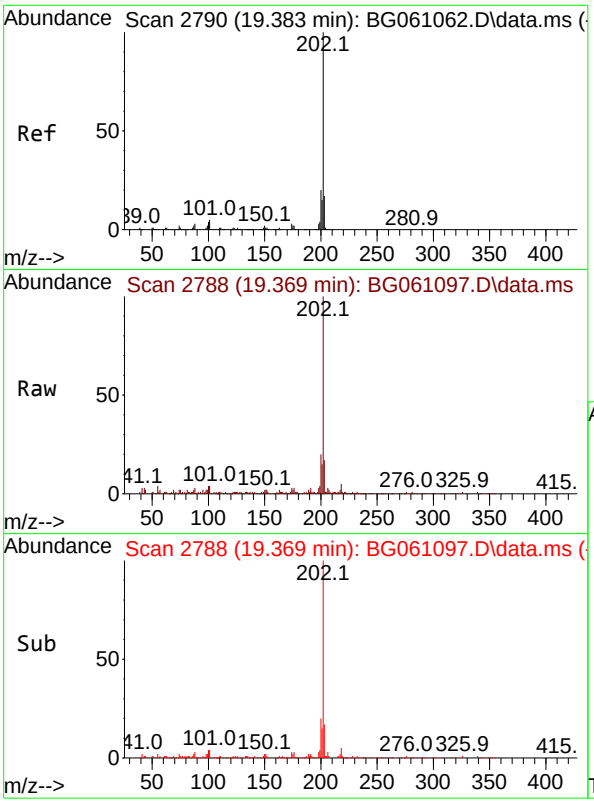


#72
Anthracene
Concen: 7.114 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.108 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:178 Resp: 57523

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.6
179	15.1	12.0	18.0



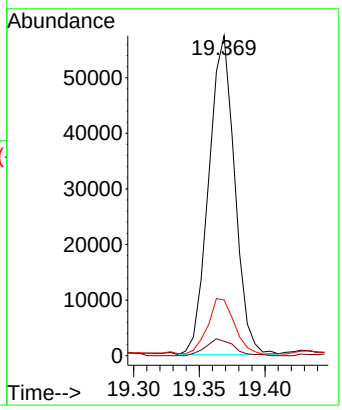


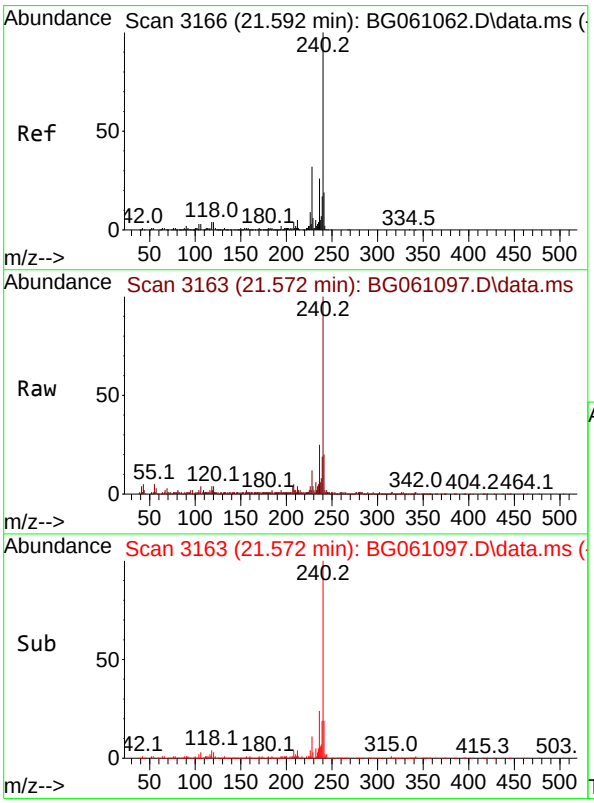
#75
Fluoranthene
Concen: 7.099 ng
RT: 19.369 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 78806

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	24.7
203	17.4	0.0	37.1

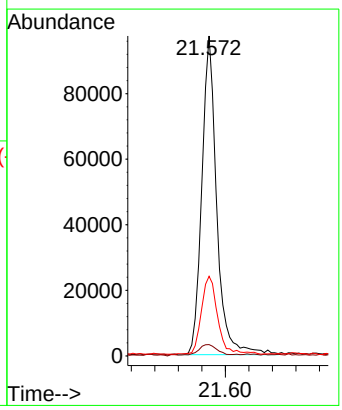


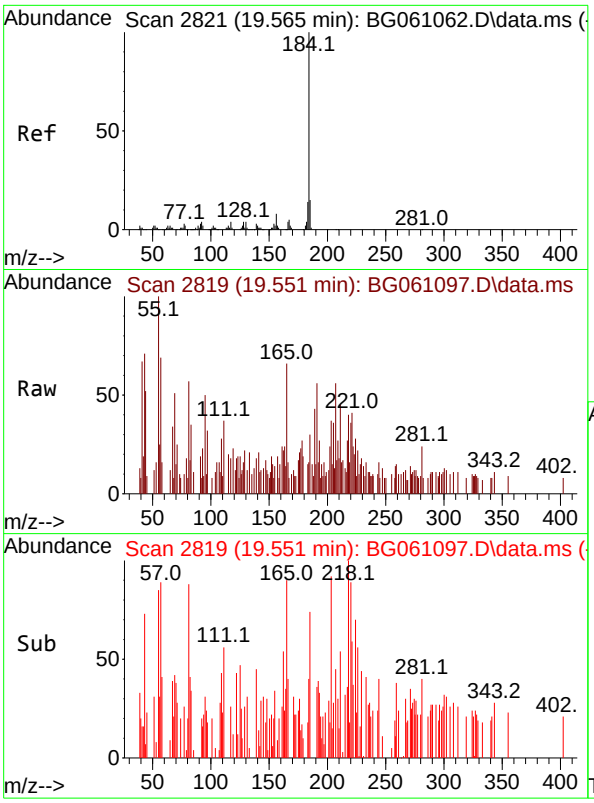


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:240 Resp: 170764

Ion	Ratio	Lower	Upper
240	100		
120	3.6	3.2	4.8
236	24.9	21.0	31.6



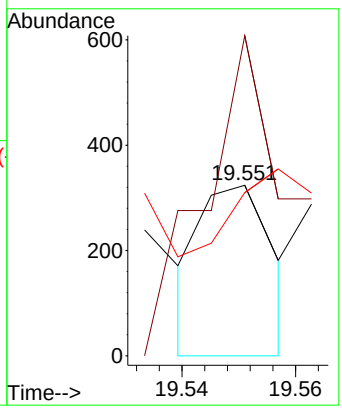


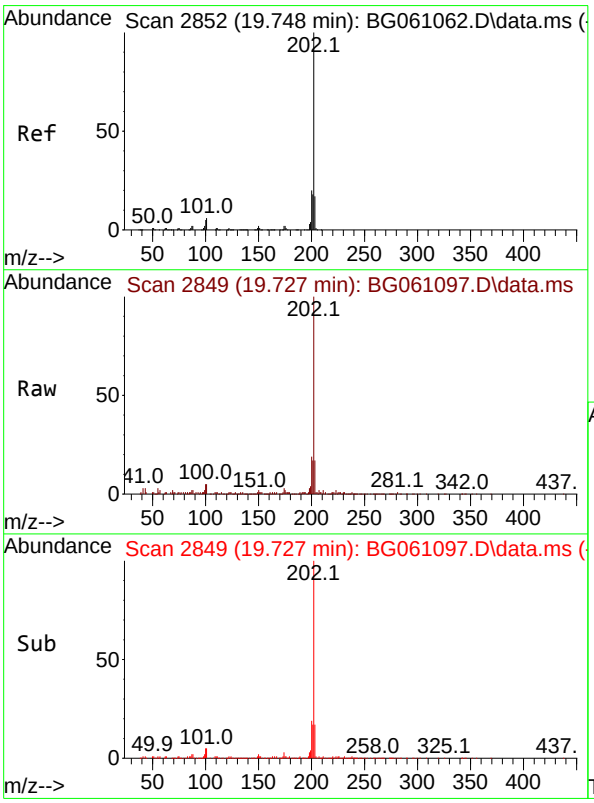
#77
Benzidine
Concen: 2.878 ng
RT: 19.551 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 286

Ion	Ratio	Lower	Upper
184	100		
185	187.7	12.0	18.0#
183	95.7	10.9	16.3#

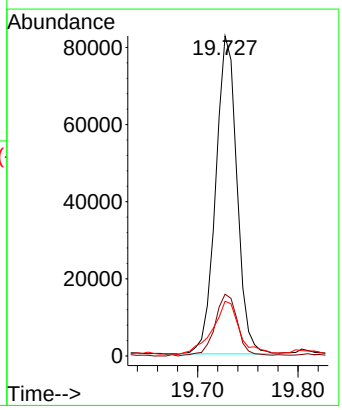


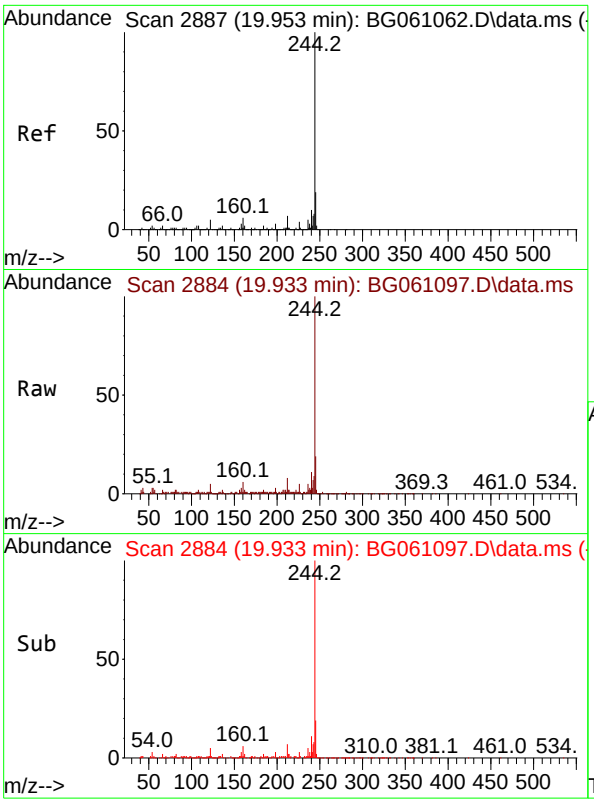


#78
Pyrene
Concen: 11.134 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:202 Resp: 120881

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.2	24.4
203	17.1	13.3	19.9



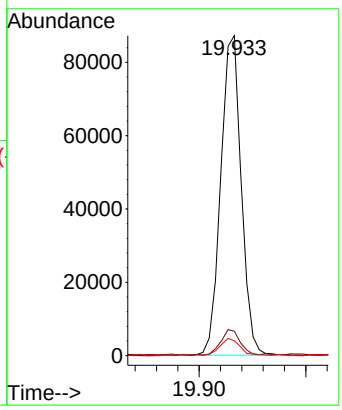


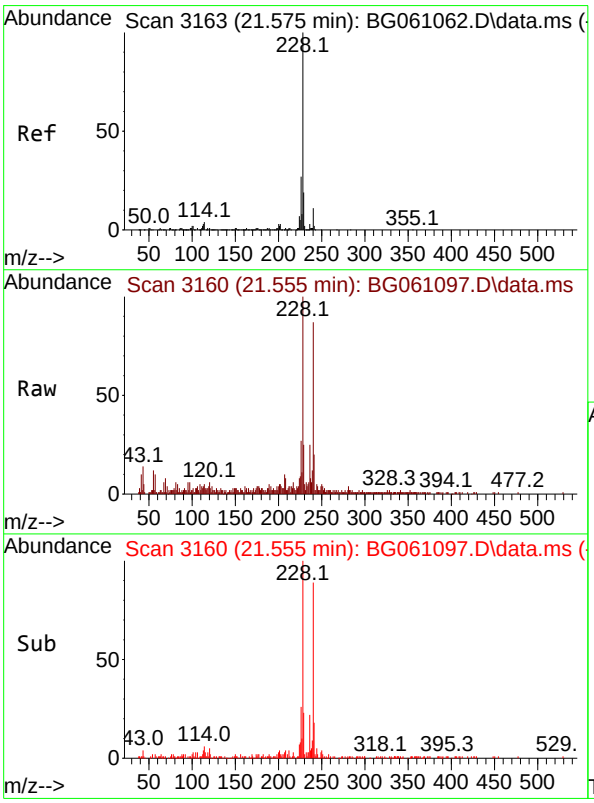
#79
Terphenyl-d14
Concen: 11.287 ng
RT: 19.933 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 115890

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	4.7	4.2	6.2

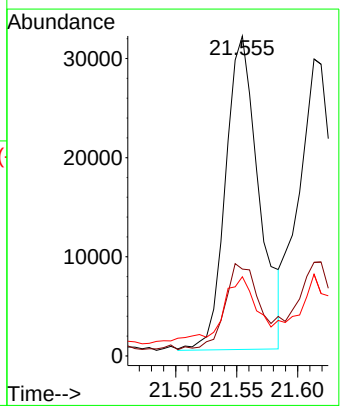


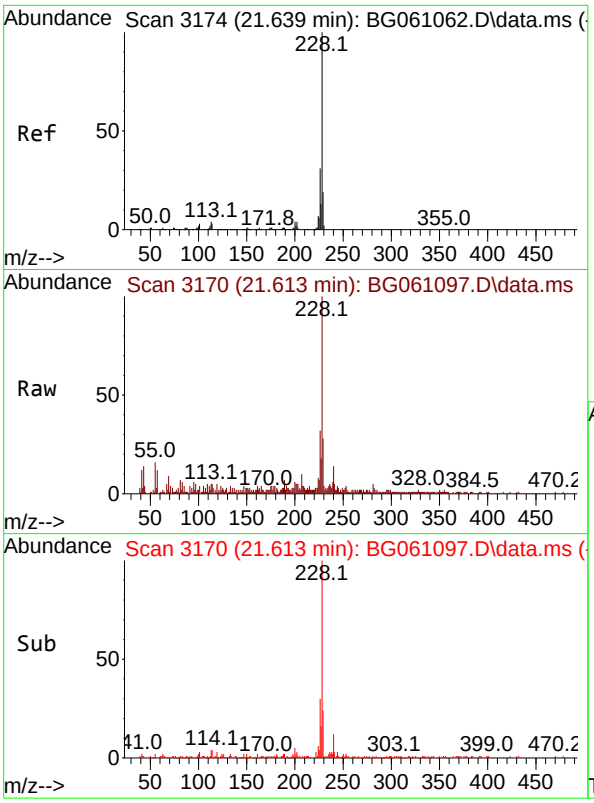


#81
Benzo(a)anthracene
Concen: 5.392 ng
RT: 21.555 min Scan# 3160
Delta R.T. -0.020 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:228 Resp: 60251

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	24.7	15.0	22.4#



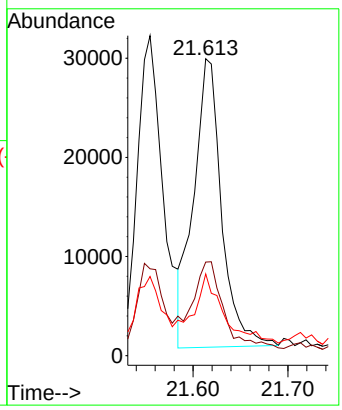


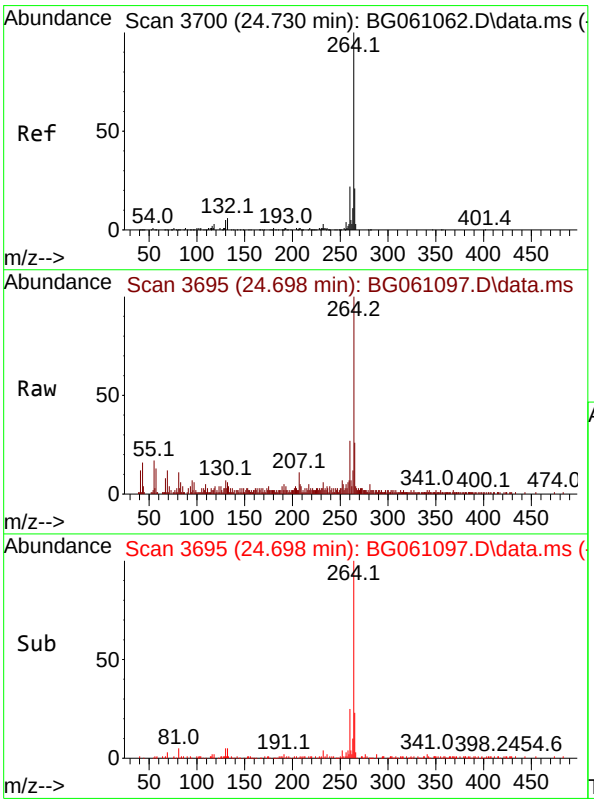
#83
Chrysene
Concen: 5.707 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 59751

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	27.5	14.8	22.2#

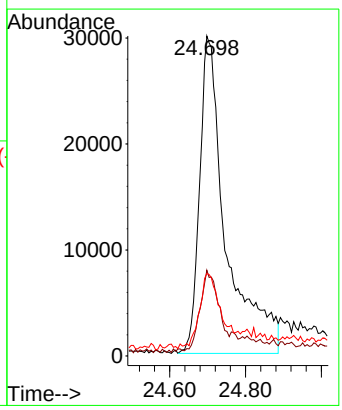


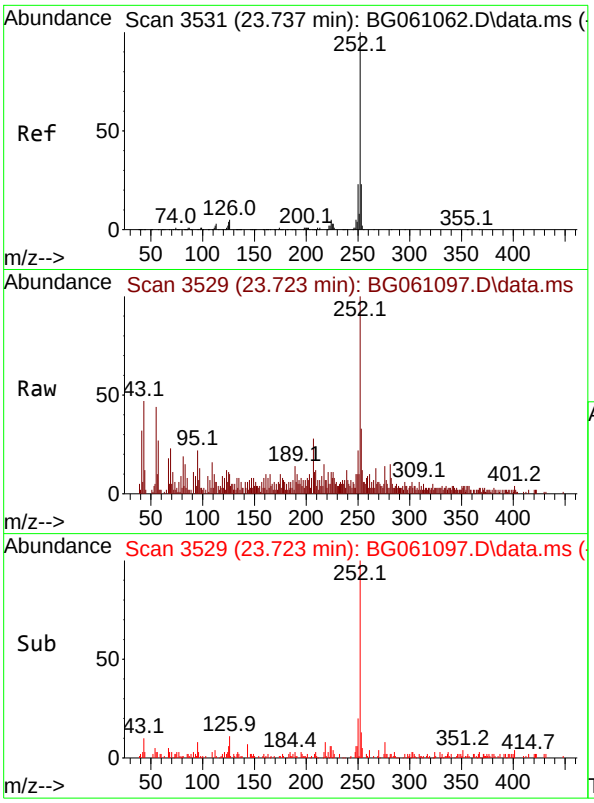


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.032 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:264 Resp: 145312

Ion	Ratio	Lower	Upper
264	100		
260	26.8	17.7	26.5#
265	25.8	16.4	24.6#



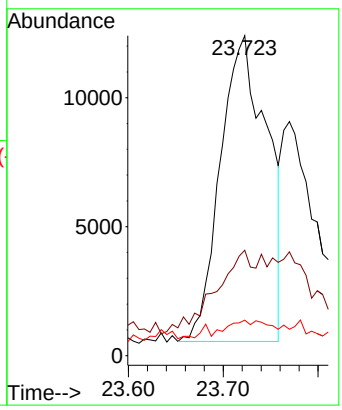


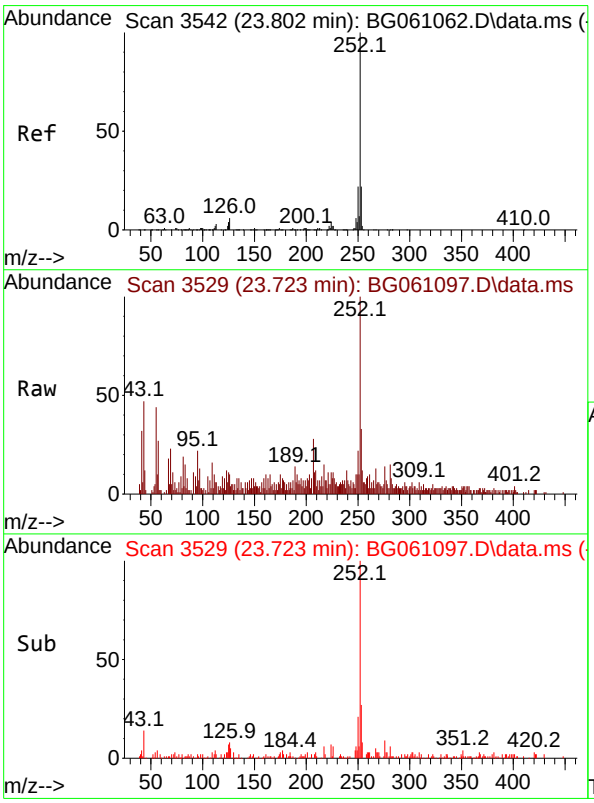
#88
Benzo(b)fluoranthene
Concen: 4.988 ng
RT: 23.723 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 40499

Ion	Ratio	Lower	Upper
252	100		
253	33.0	18.2	27.2#
125	11.1	3.4	5.0#

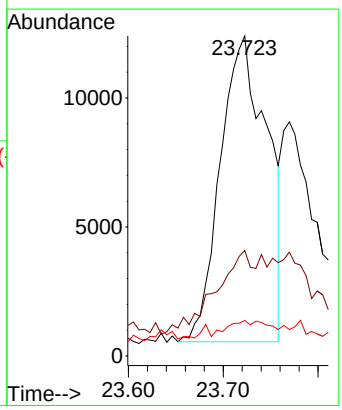


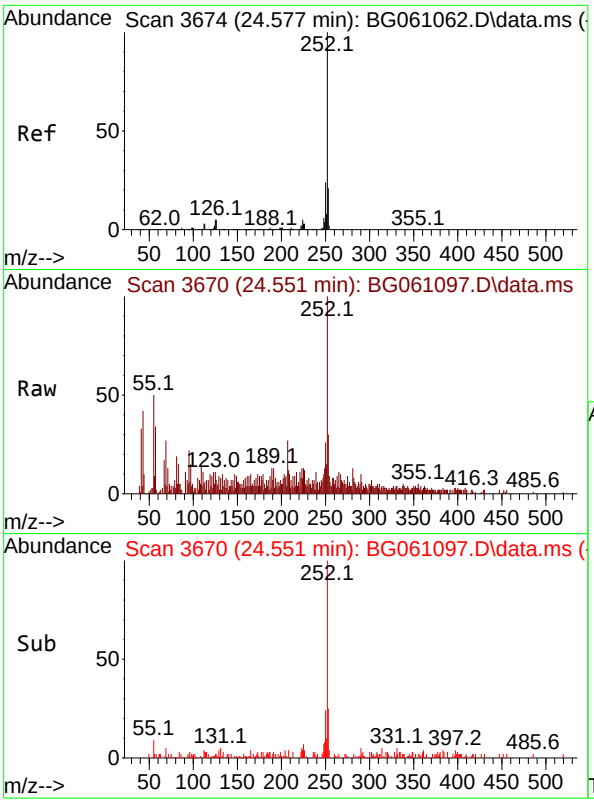


#89
Benzo(k)fluoranthene
Concen: 5.184 ng
RT: 23.723 min Scan# 3529
Delta R.T. -0.079 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Tgt Ion:252 Resp: 40499

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.3	25.9#
125	11.1	3.2	4.8#





#90
Benzo(a)pyrene
Concen: 3.935 ng
RT: 24.551 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061097.D
Acq: 2 May 2024 17:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 27834

Ion	Ratio	Lower	Upper
252	100		
253	30.0	16.9	25.3#
125	10.7	3.8	5.8#