Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061090.D
Acq On : 2 May 2024 12:40
Operator : MA/JU
Sample : P2330-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 13:22:15 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	7.936	152	27284	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	104028	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	80220	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	179809	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	179786	20.000	ng	-0.03
86) Perylene-d12	24.692	264	187050	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	112329	83.729	ng	-0.02
7) Phenol-d6	7.107	99	153438	77.314	ng	-0.03
23) Nitrobenzene-d5	9.087	82	112168	53.451	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	125654	78.364	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	302812	55.818	ng	-0.03
79) Terphenyl-d14	19.927	244	499438	46.201	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	236	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.081	70	17080	11.500	ng	# 55
57) 2,4-Dinitrotoluene	14.563	165	10259	5.232	ng	# 17
67) 4-Bromophenyl-phenylether	16.050	248	7851	3.706	ng	# 1
71) Phenanthrene	17.348	178	43761	5.323	ng	96
75) Fluoranthene	19.363	202	105462	9.363	ng	99
77) Benzidine	19.551	184	373	2.898	ng	# 10
78) Pyrene	19.728	202	94886	8.301	ng	99
81) Benzo(a)anthracene	21.549	228	55881	4.750	ng	96
83) Chrysene	21.549	228	55881	5.070	ng	94
88) Benzo(b)fluoranthene	23.711	252	71703	6.860	ng	# 93
89) Benzo(k)fluoranthene	23.711	252	71703	7.131	ng	# 95
90) Benzo(a)pyrene	24.540	252	45179	4.961	ng	99

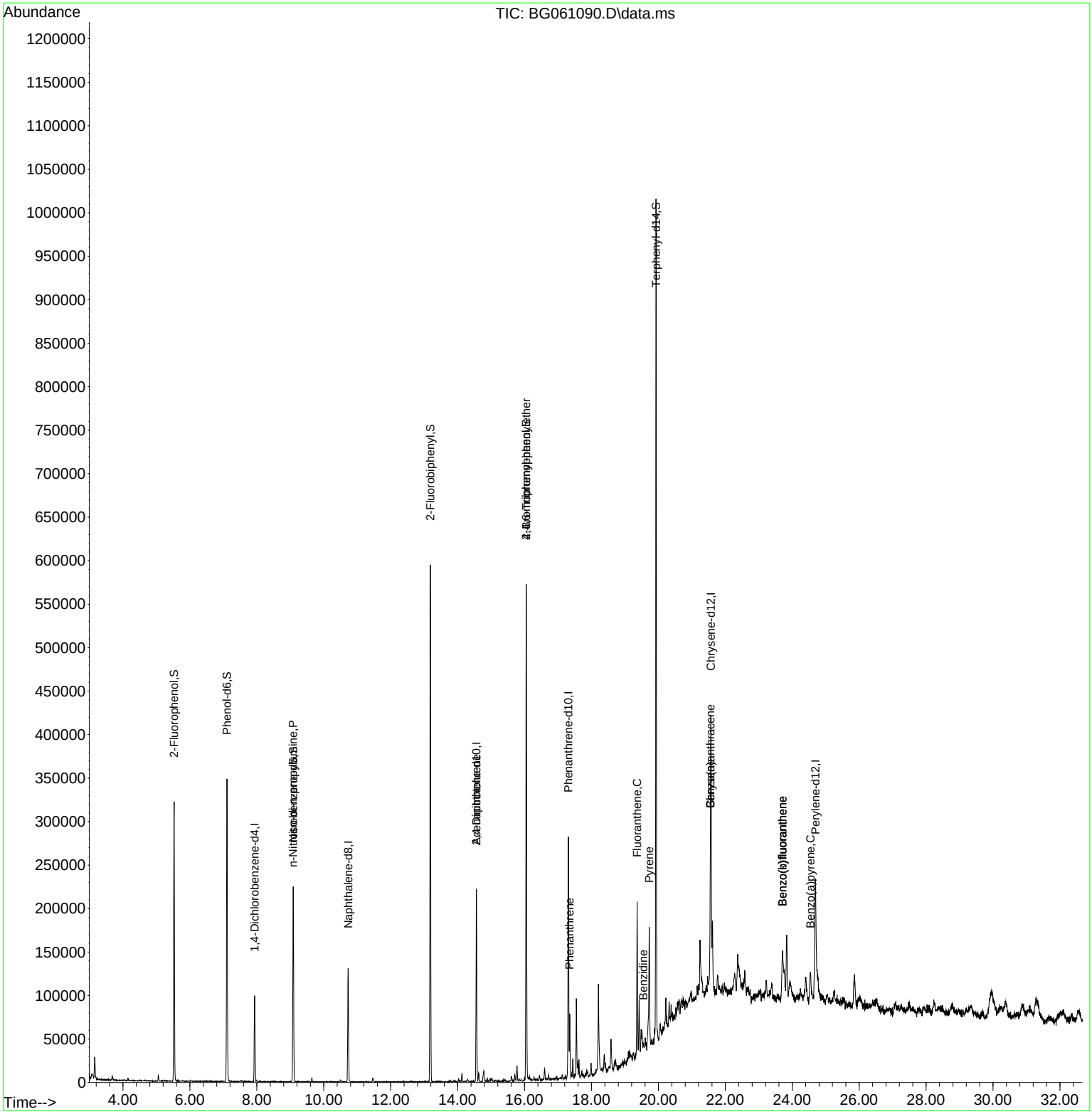
(#) = qualifier out of range (m) = manual integration (+) = signals summed

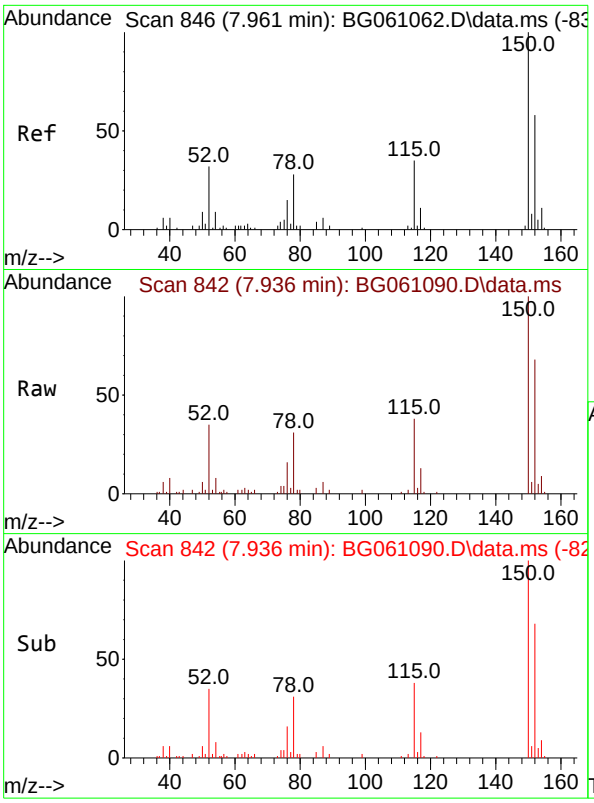
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061090.D
Acq On : 2 May 2024 12:40
Operator : MA/JU
Sample : P2330-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 02 13:22:15 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



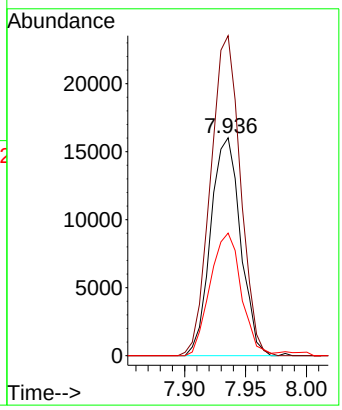


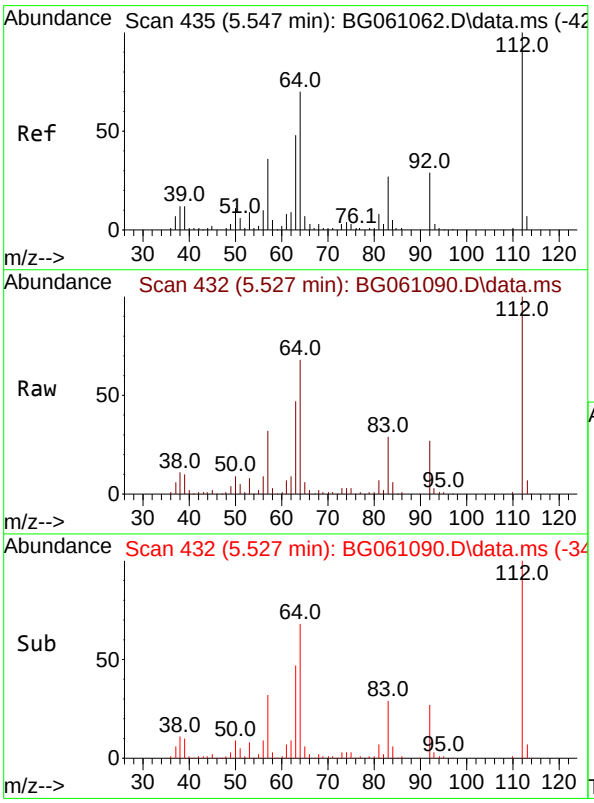
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 84
Delta R.T. -0.025 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27284

Ion	Ratio	Lower	Upper
152	100		
150	146.8	138.3	207.5
115	56.2	48.0	72.0

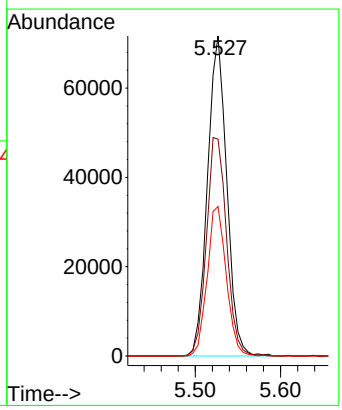


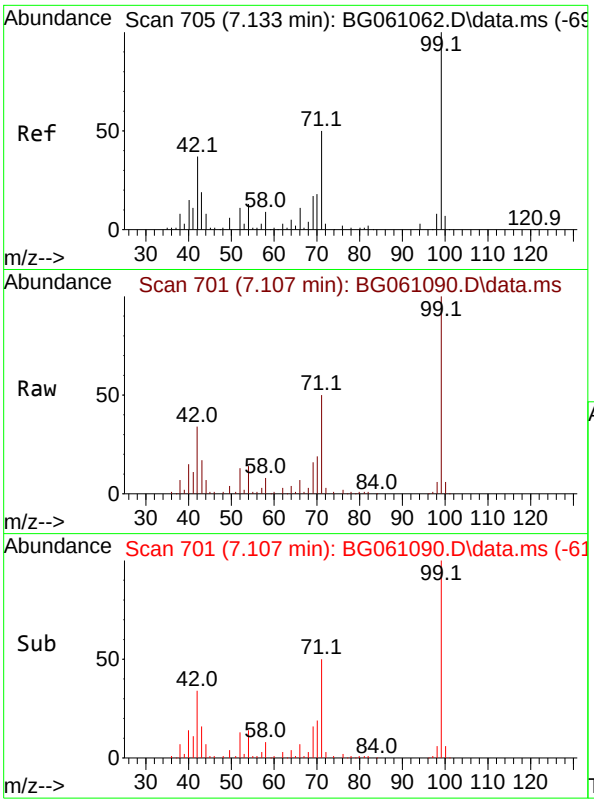


#5
2-Fluorophenol
Concen: 83.729 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:112 Resp: 112329

Ion	Ratio	Lower	Upper
112	100		
64	67.8	55.7	83.5
63	46.7	38.1	57.1



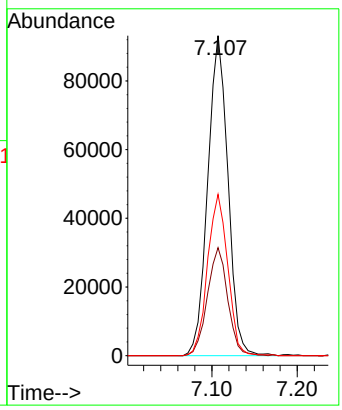


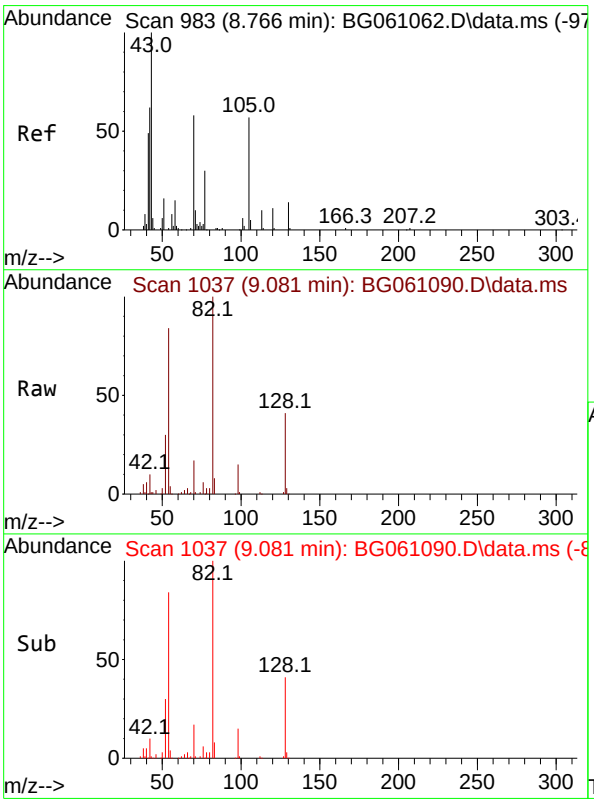
#7
Phenol-d6
Concen: 77.314 ng
RT: 7.107 min Scan# 7(
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 153438

Ion	Ratio	Lower	Upper
99	100		
42	33.7	29.2	43.8
71	50.4	39.7	59.5

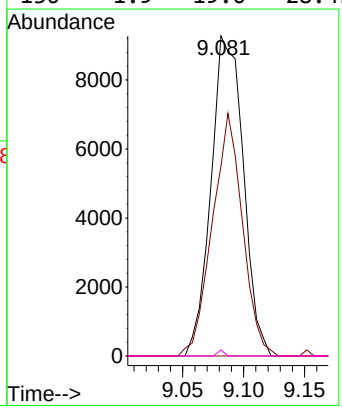


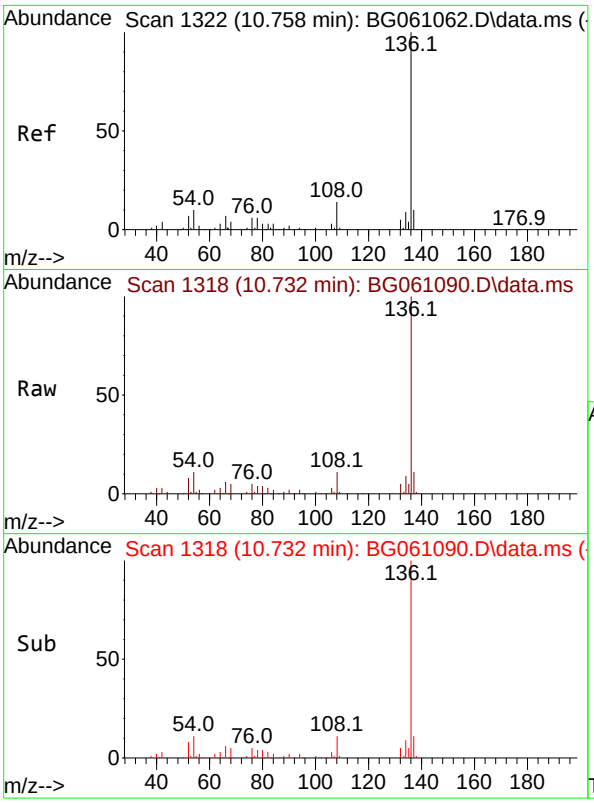


#19
n-Nitroso-di-n-propylamine
Concen: 11.500 ng
RT: 9.081 min Scan# 1037
Delta R.T. 0.315 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion: 70 Resp: 17080

Ion	Ratio	Lower	Upper
70	100		
42	59.3	86.4	129.6#
101	0.0	7.8	11.8#
130	1.9	19.0	28.4#



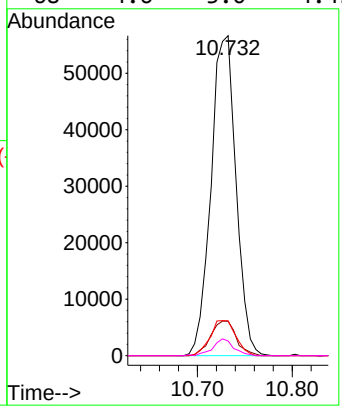


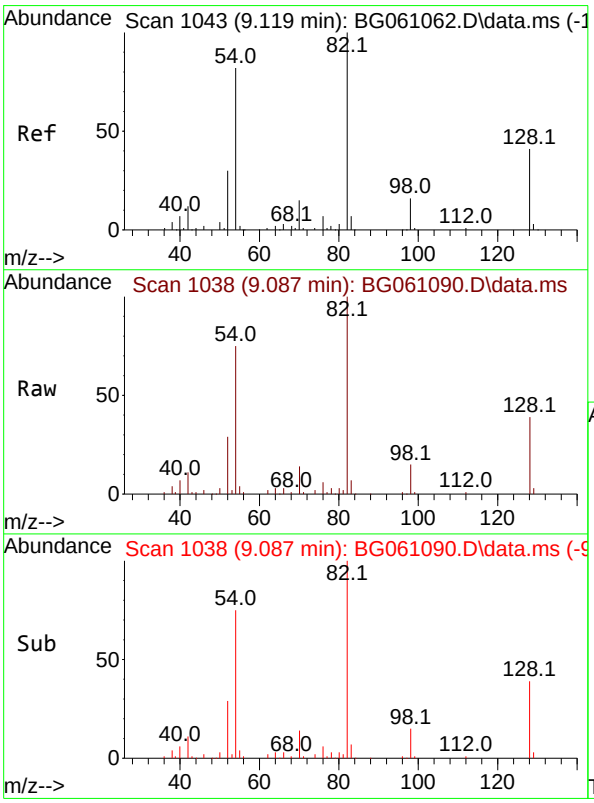
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 104028

Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.8	11.6
54	10.9	8.1	12.1
68	4.6	3.0	4.4#

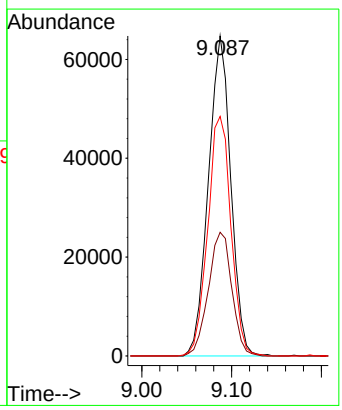


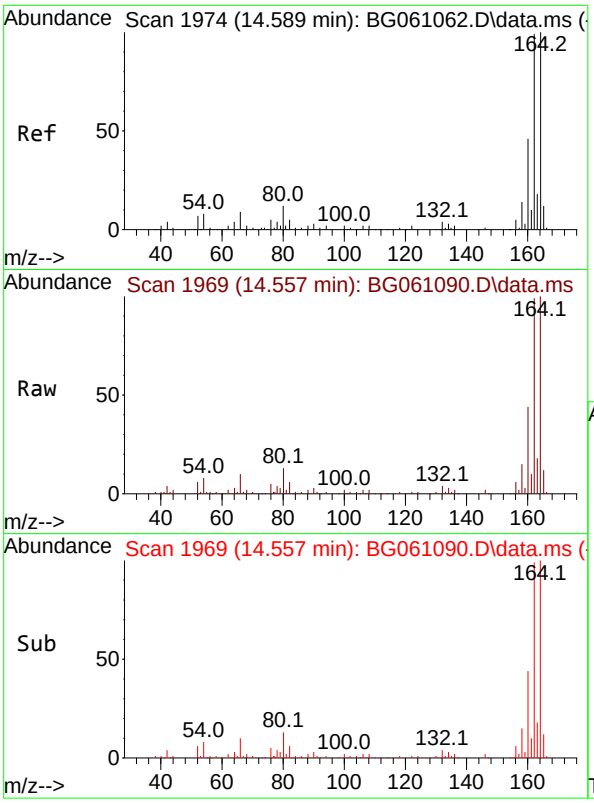


#23
Nitrobenzene-d5
Concen: 53.451 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion: 82 Resp: 112168

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.7	49.1
54	74.9	65.6	98.4



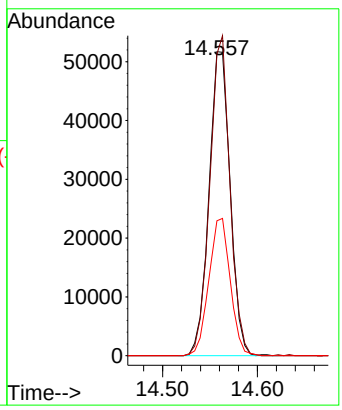


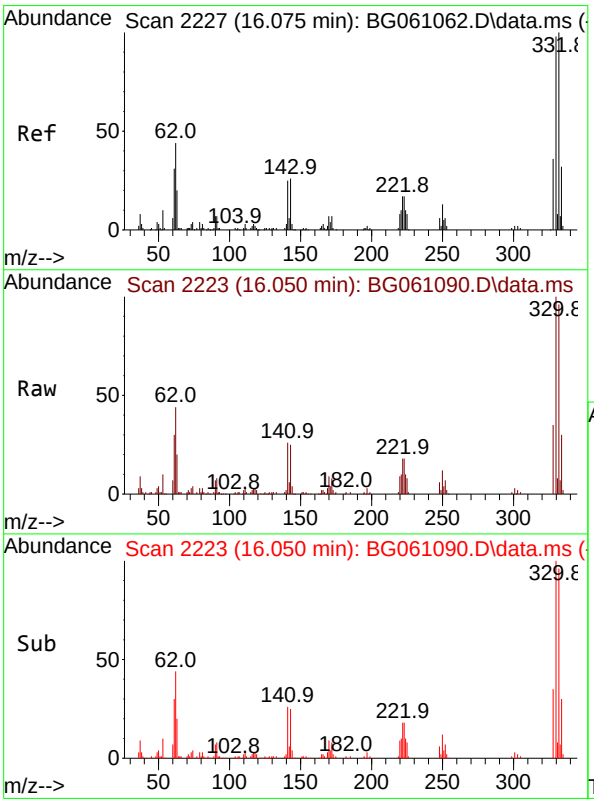
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.032 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 80220

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.2
160	44.4	37.0	55.6

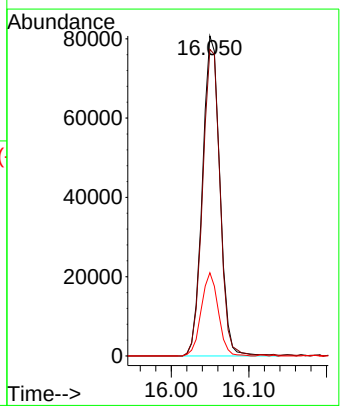


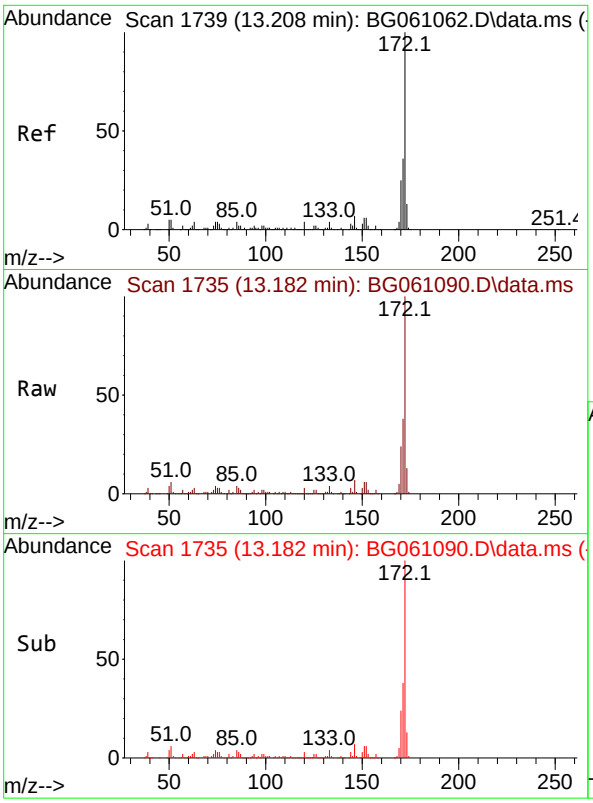


#42
2,4,6-Tribromophenol
Concen: 78.364 ng
RT: 16.050 min Scan# 2223
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:330 Resp: 125654

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	25.5	20.5	30.7



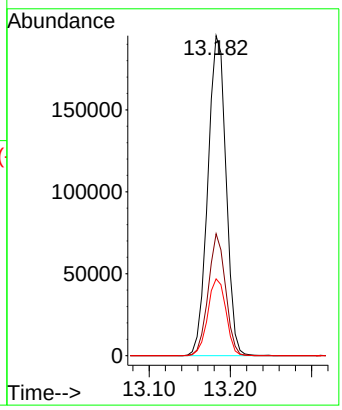


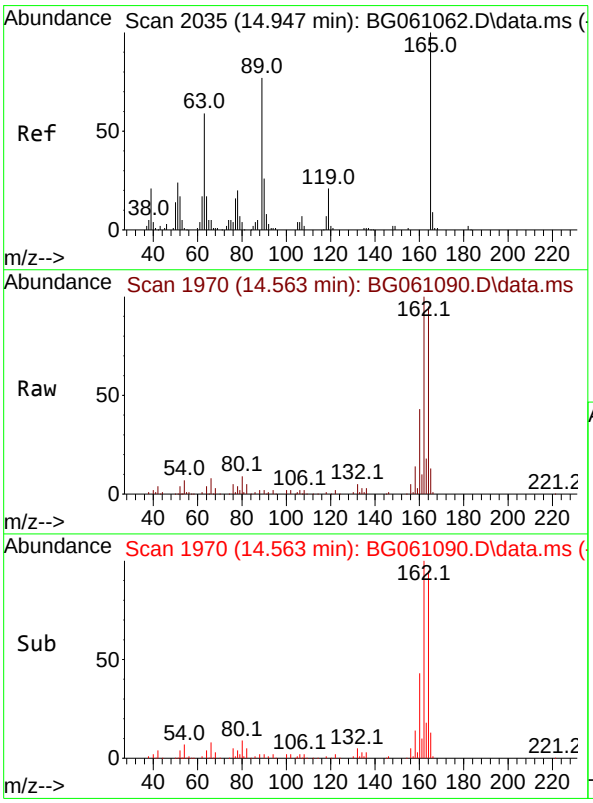
#45
2-Fluorobiphenyl
Concen: 55.818 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 302812

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.0	20.2	30.4

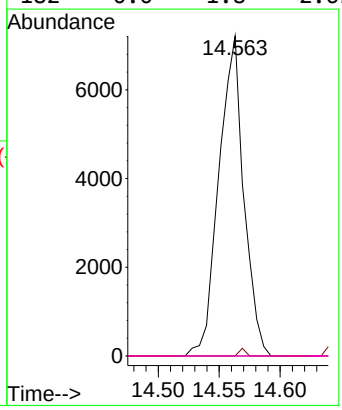


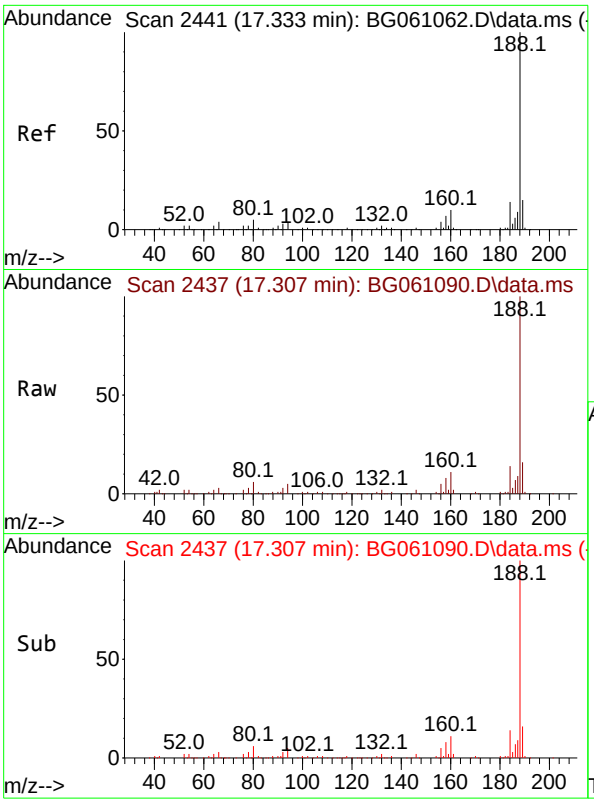


#57
2,4-Dinitrotoluene
Concen: 5.232 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.384 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:165 Resp: 10259

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



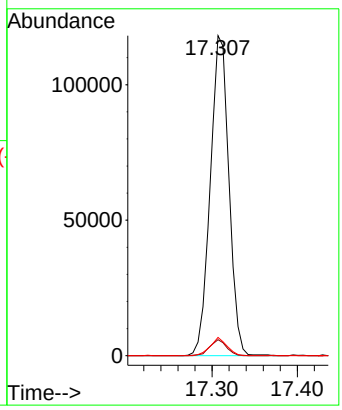


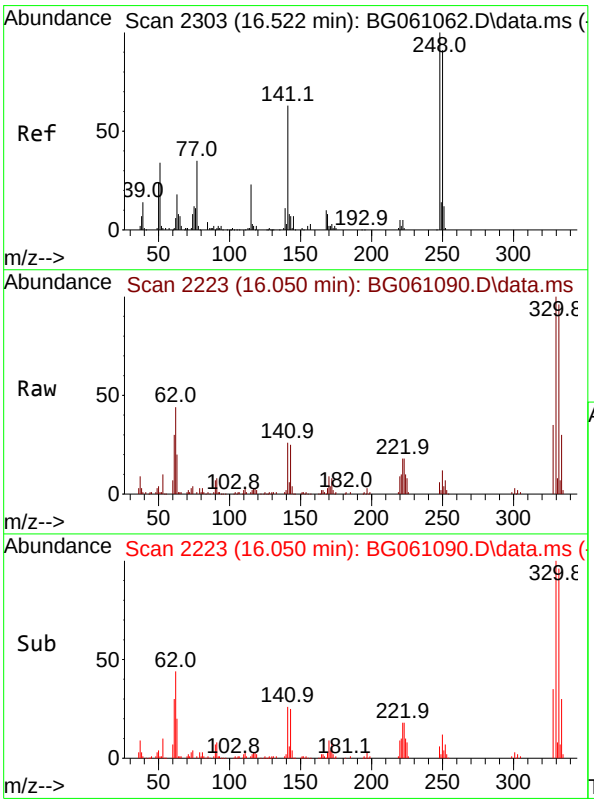
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 179809

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	5.7	4.2	6.2

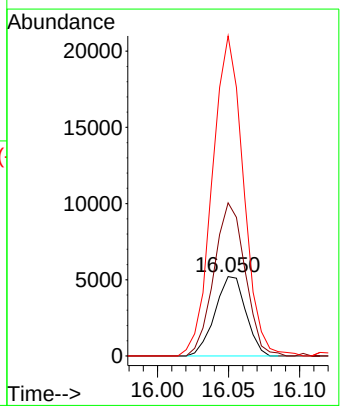


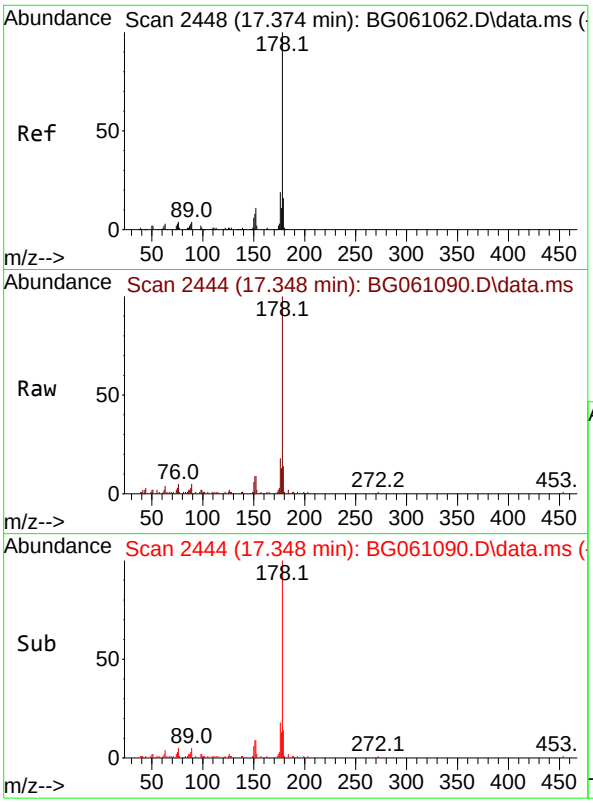


#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 16.050 min Scan# 2223
Delta R.T. -0.472 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:248 Resp: 7851

Ion	Ratio	Lower	Upper
248	100		
250	192.9	73.0	109.4#
141	403.1	50.8	76.2#



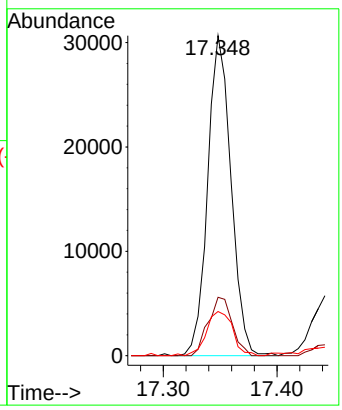


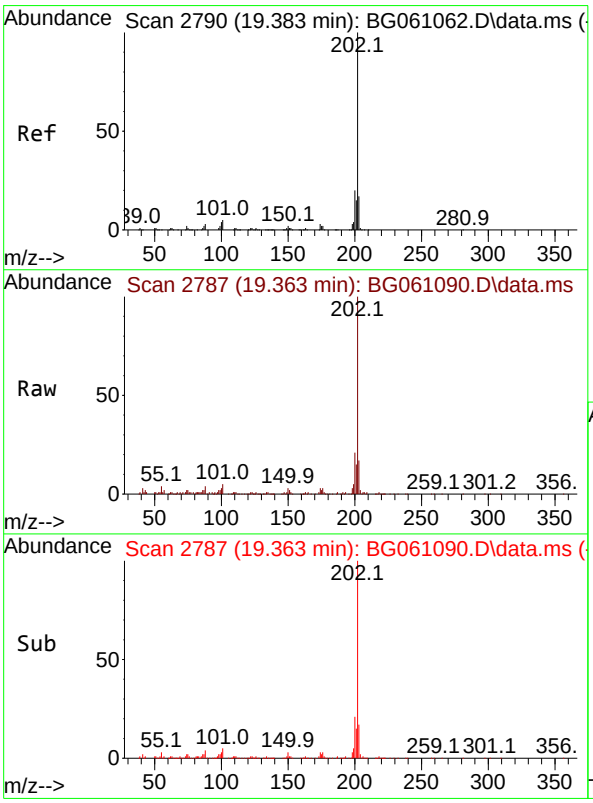
#71
Phenanthrene
Concen: 5.323 ng
RT: 17.348 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 43761

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	13.8	12.6	19.0

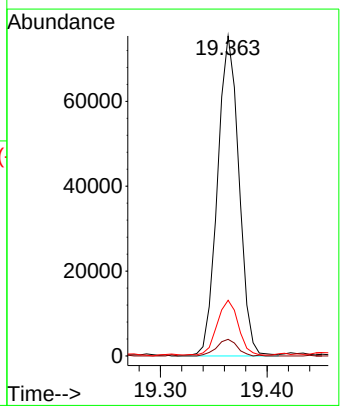


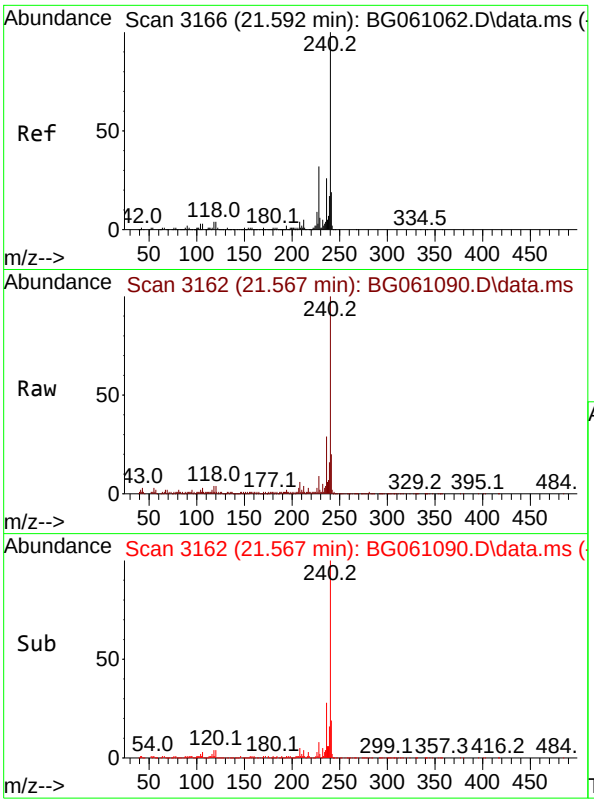


#75
Fluoranthene
Concen: 9.363 ng
RT: 19.363 min Scan# 2787
Delta R.T. -0.020 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:202 Resp: 105462

Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	24.7
203	17.4	0.0	37.1



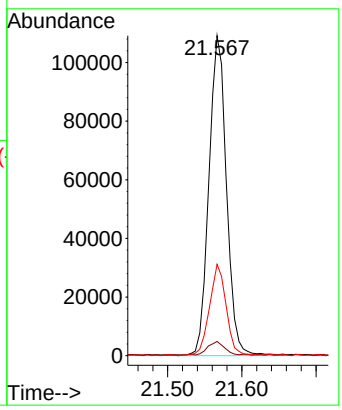


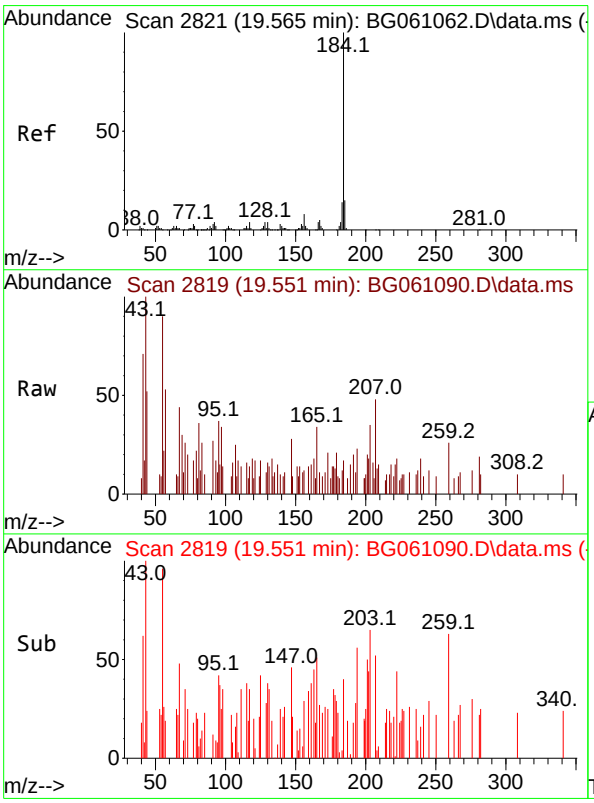
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 179786

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.2	4.8
236	28.6	21.0	31.6

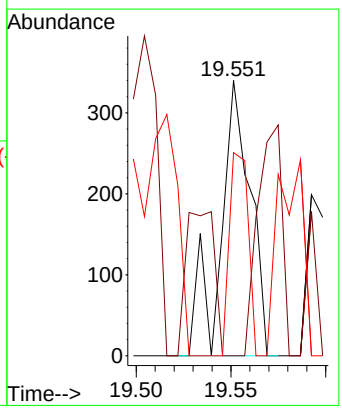


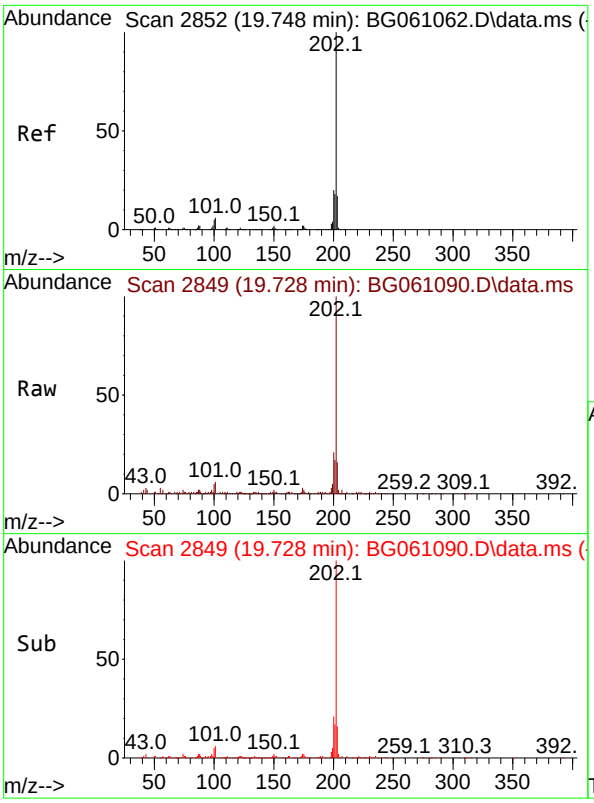


#77
Benzidine
Concen: 2.898 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.014 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:184 Resp: 373

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.0	18.0#
183	73.8	10.9	16.3#



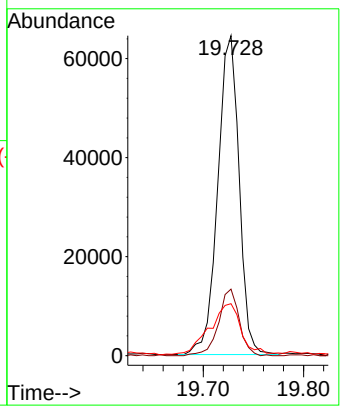


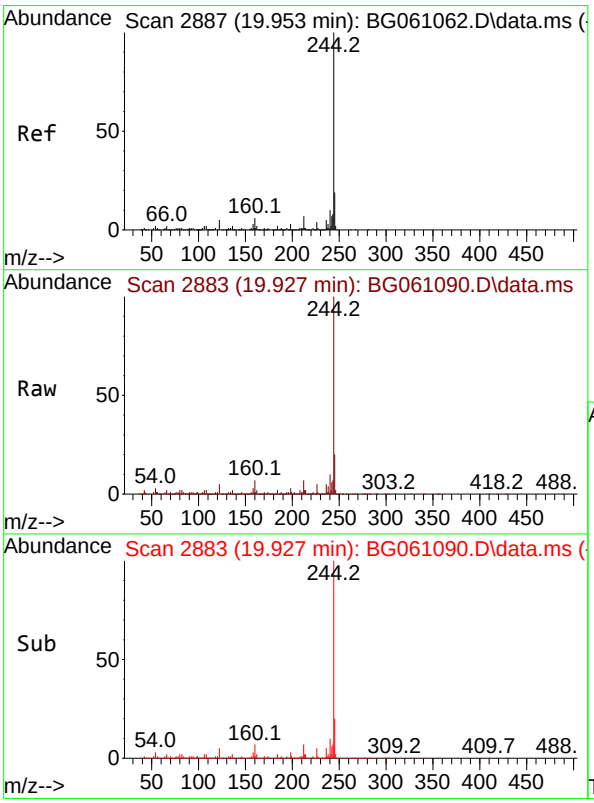
#78
Pyrene
Concen: 8.301 ng
RT: 19.728 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 94886

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.2	24.4
203	16.2	13.3	19.9

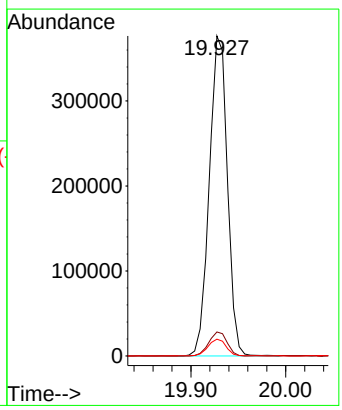


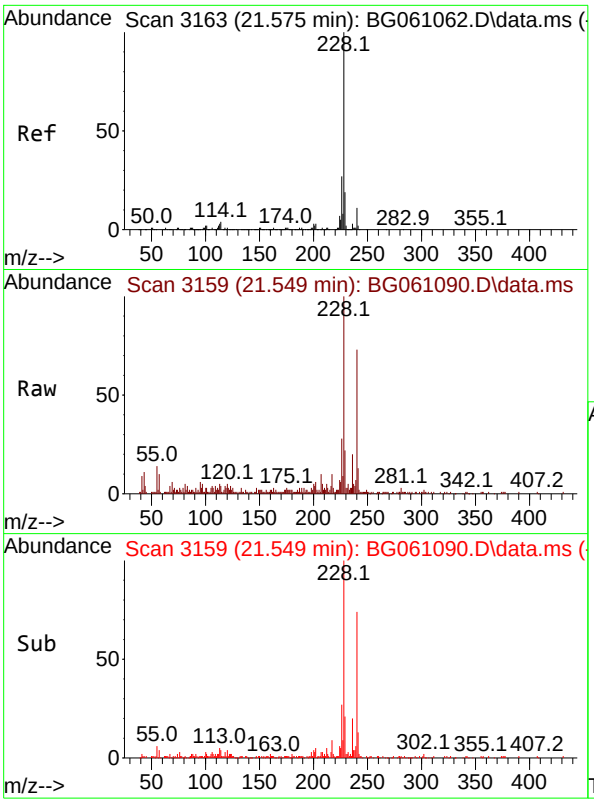


#79
Terphenyl-d14
Concen: 46.201 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:244 Resp: 499438

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	5.3	4.2	6.2



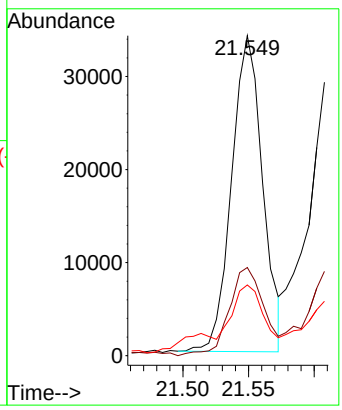


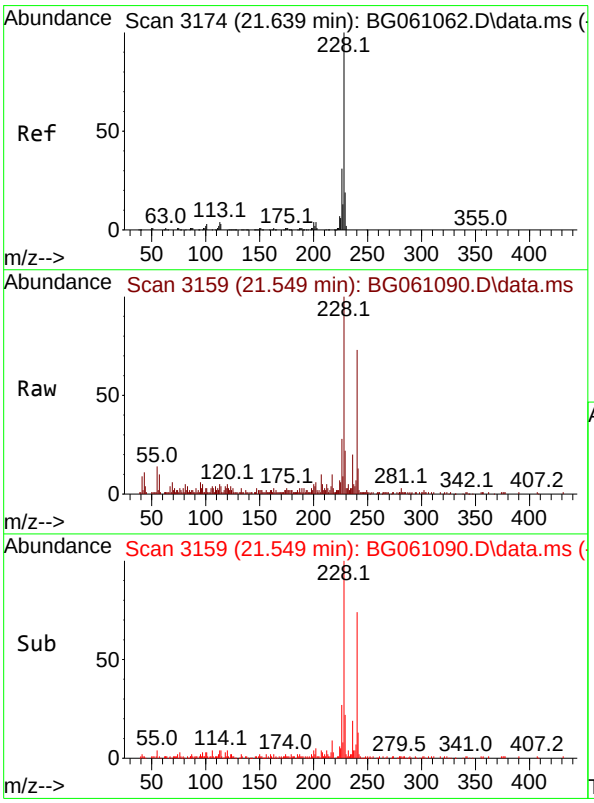
#81
Benzo(a)anthracene
Concen: 4.750 ng
RT: 21.549 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 55881

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	22.1	15.0	22.4

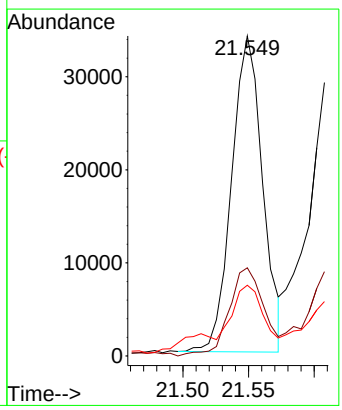


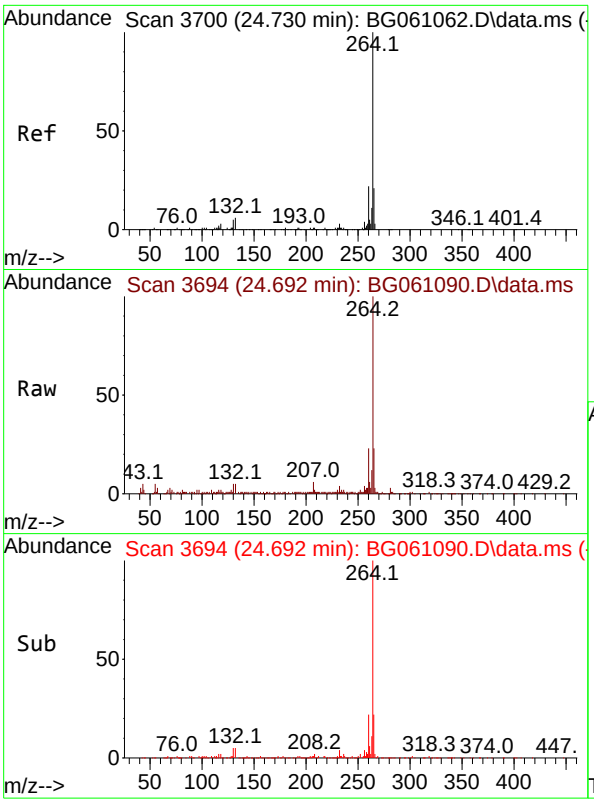


#83
Chrysene
Concen: 5.070 ng
RT: 21.549 min Scan# 3159
Delta R.T. -0.090 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:228 Resp: 55881

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.4	36.6
229	22.1	14.8	22.2



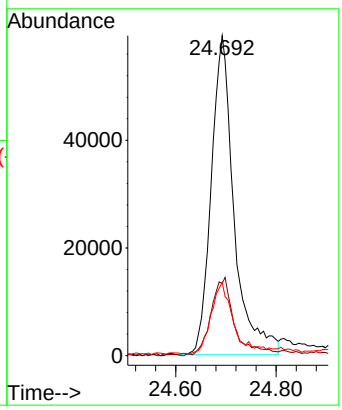


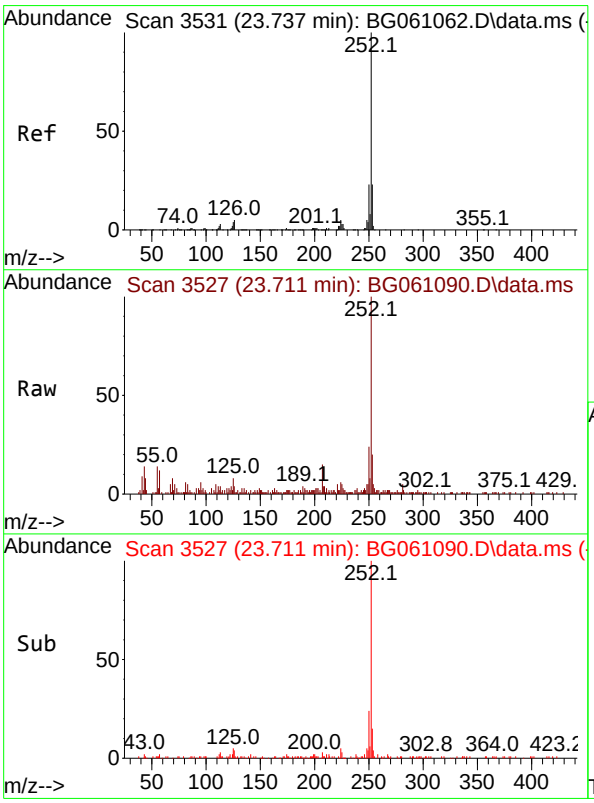
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3
Delta R.T. -0.038 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 187050

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.7	26.5
265	22.9	16.4	24.6

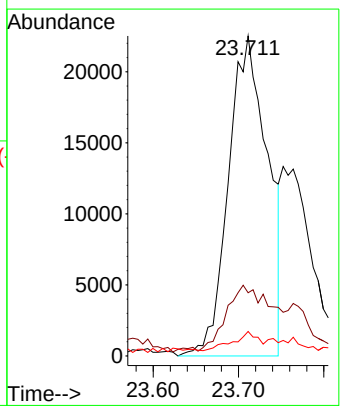


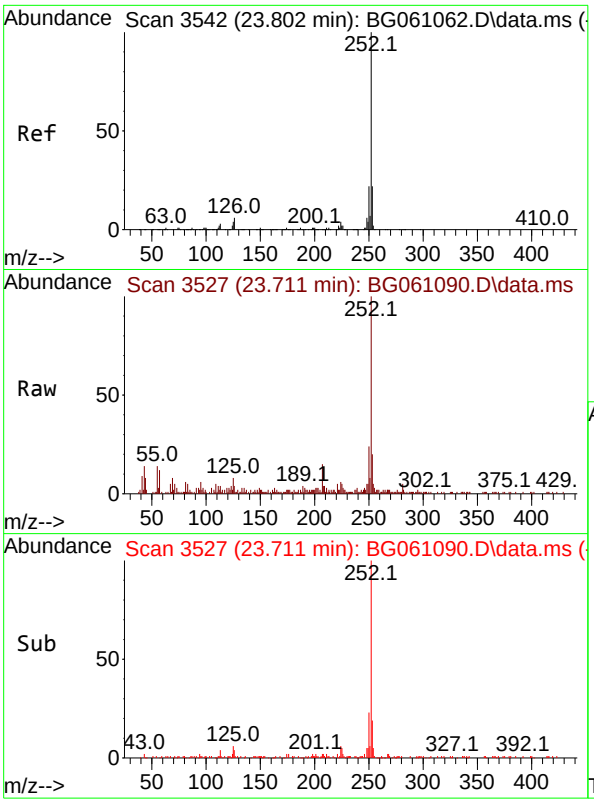


#88
Benzo(b)fluoranthene
Concen: 6.860 ng
RT: 23.711 min Scan# 3527
Delta R.T. -0.026 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:252 Resp: 71703

Ion	Ratio	Lower	Upper
252	100		
253	19.8	18.2	27.2
125	7.6	3.4	5.0#



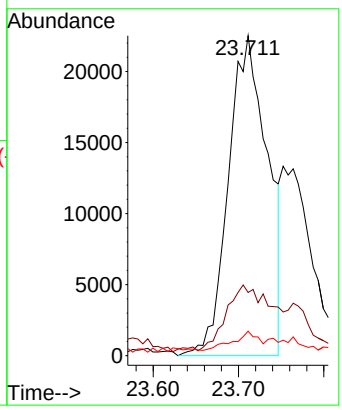


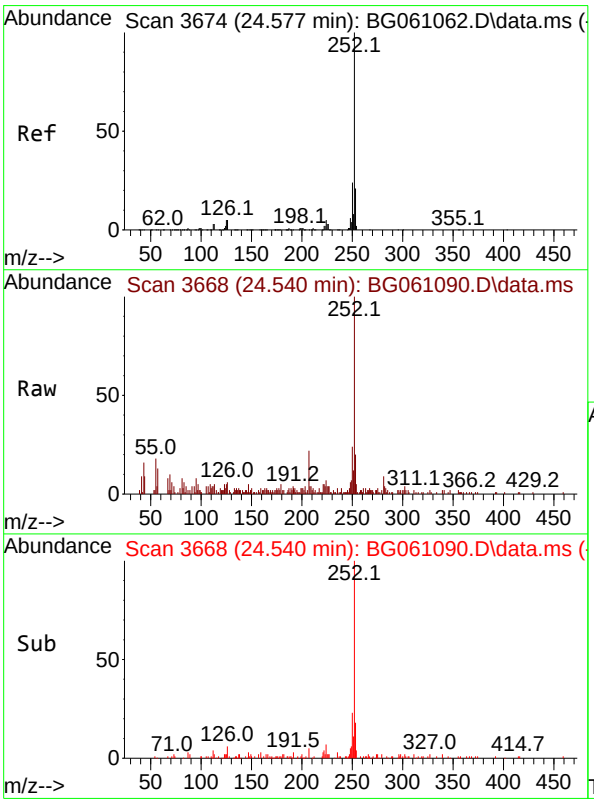
#89
Benzo(k)fluoranthene
Concen: 7.131 ng
RT: 23.711 min Scan# 3
Delta R.T. -0.090 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 71703

Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.3	25.9
125	7.6	3.2	4.8#





#90
Benzo(a)pyrene
Concen: 4.961 ng
RT: 24.540 min Scan# 3668
Delta R.T. -0.038 min
Lab File: BG061090.D
Acq: 2 May 2024 12:40

Tgt Ion:252 Resp: 45179

Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.9	25.3
125	5.1	3.8	5.8