Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061168.D
Acq On : 10 May 2024 18:20
Operator : MA/JU
Sample : P2430-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Quant Time: May 10 23:01:16 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

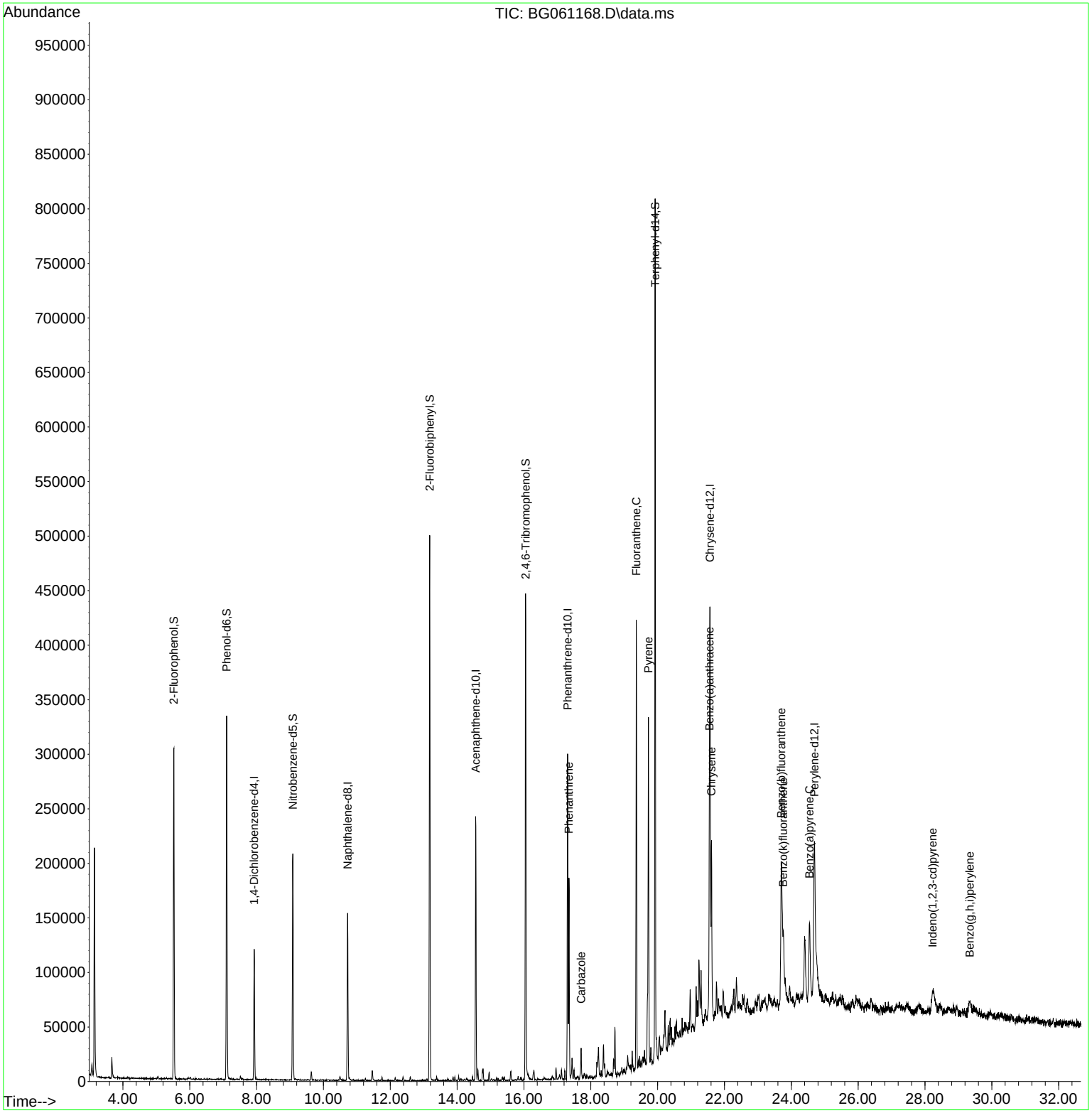
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	29929	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	117059	20.000	ng	-0.03
39) Acenaphthene-d10	14.557	164	88670	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	199793	20.000	ng	#-0.03
76) Chrysene-d12	21.566	240	197143	20.000	ng	-0.03
86) Perylene-d12	24.692	264	224514	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	109385	74.329	ng	-0.02
7) Phenol-d6	7.107	99	148597	68.258	ng	-0.03
23) Nitrobenzene-d5	9.087	82	107949	45.714	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	100313	56.599	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	253546	42.283	ng	-0.03
79) Terphenyl-d14	19.927	244	401082	33.836	ng	-0.03
Target Compounds						Qvalue
71) Phenanthrene	17.348	178	115459	12.639	ng	95
73) Carbazole	17.712	167	17612	2.197	ng	94
75) Fluoranthene	19.363	202	269880	21.564	ng	99
78) Pyrene	19.727	202	214664	17.127	ng	99
81) Benzo(a)anthracene	21.549	228	105538	8.181	ng	95
83) Chrysene	21.613	228	128798m	10.656	ng	
87) Indeno(1,2,3-cd)pyrene	28.229	276	65544m	4.405	ng	
88) Benzo(b)fluoranthene	23.705	252	181514	14.468	ng	# 94
89) Benzo(k)fluoranthene	23.758	252	64330m	5.330	ng	
90) Benzo(a)pyrene	24.545	252	96068m	8.789	ng	
92) Benzo(g,h,i)perylene	29.340	276	52871m	4.318	ng	

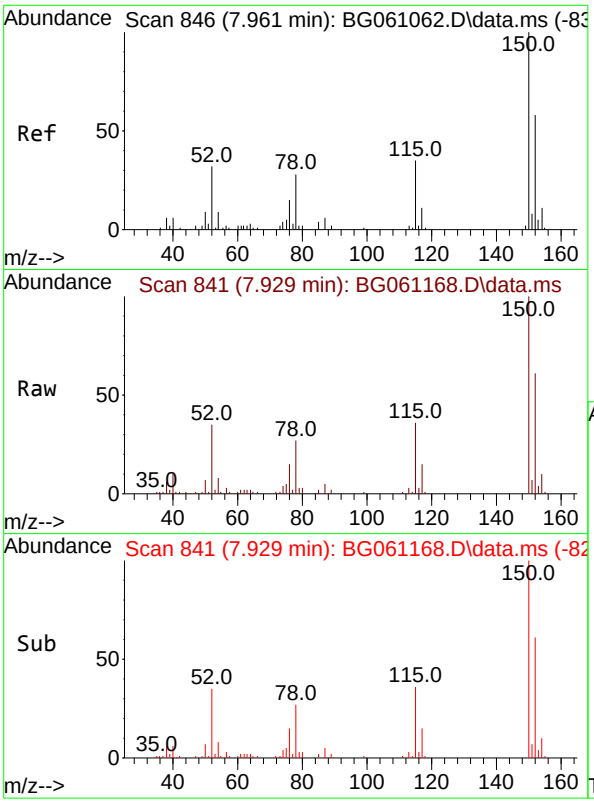
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061168.D
Acq On : 10 May 2024 18:20
Operator : MA/JU
Sample : P2430-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Quant Time: May 10 23:01:16 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



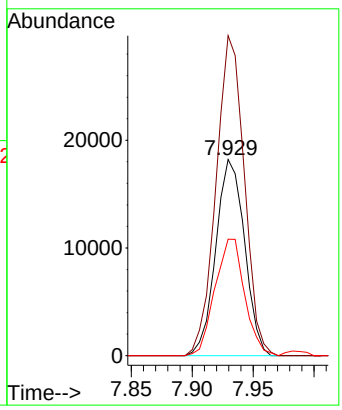


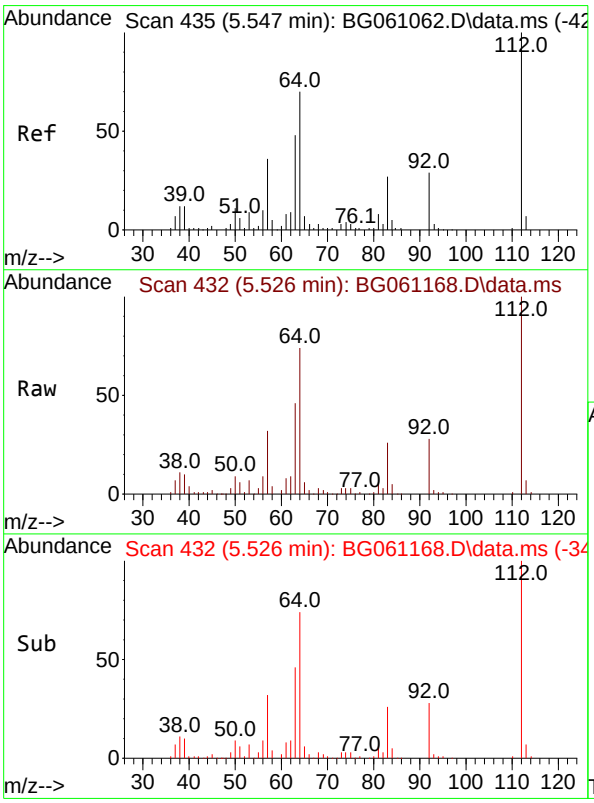
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:152 Resp: 29929

Ion	Ratio	Lower	Upper
152	100		
150	163.1	138.3	207.5
115	59.4	48.0	72.0

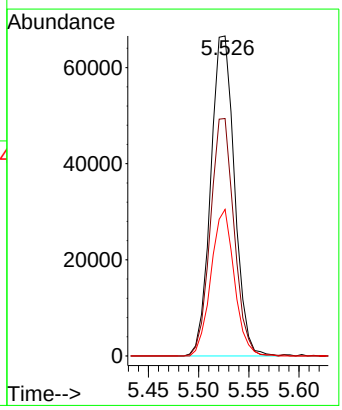


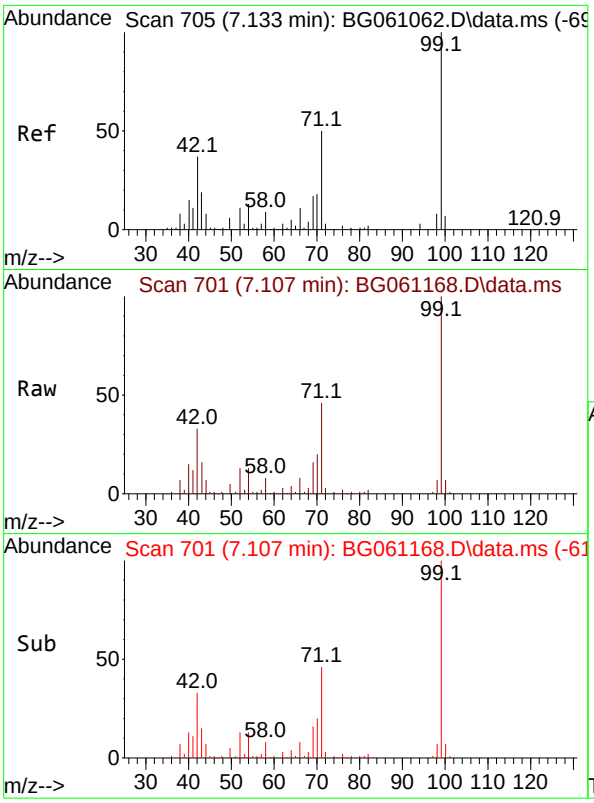


#5
2-Fluorophenol
Concen: 74.329 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:112 Resp: 109385

Ion	Ratio	Lower	Upper
112	100		
64	74.2	55.7	83.5
63	45.8	38.1	57.1



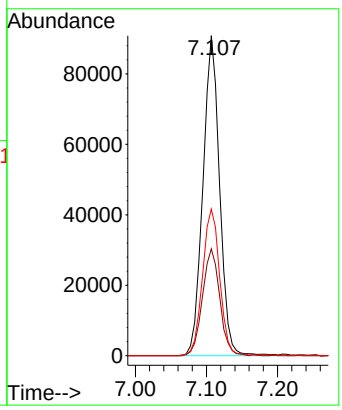


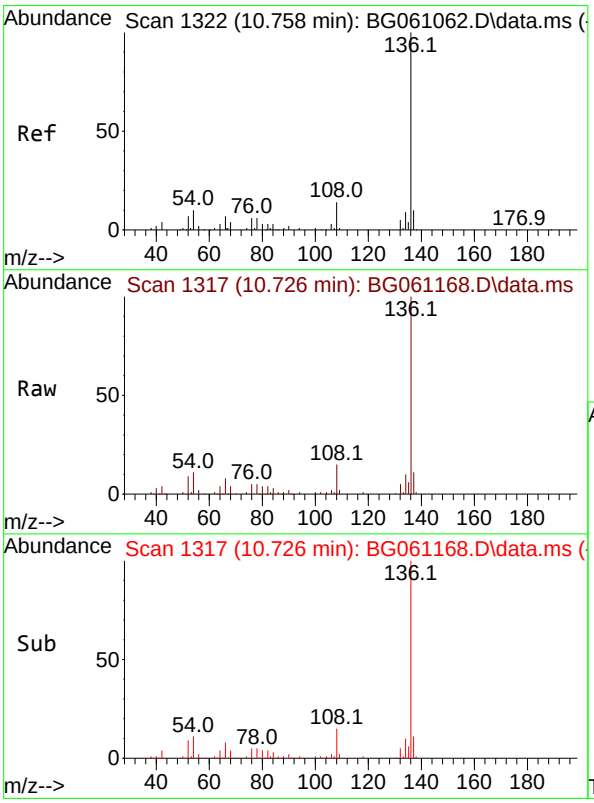
#7
Phenol-d6
Concen: 68.258 ng
RT: 7.107 min Scan# 7
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion: 99 Resp: 148597

Ion	Ratio	Lower	Upper
99	100		
42	33.4	29.2	43.8
71	45.8	39.7	59.5

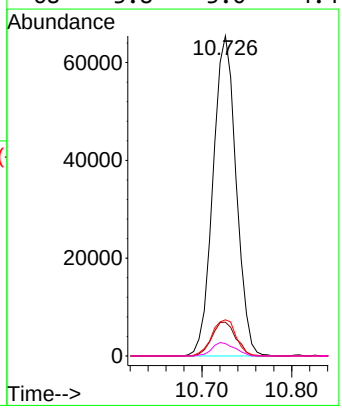


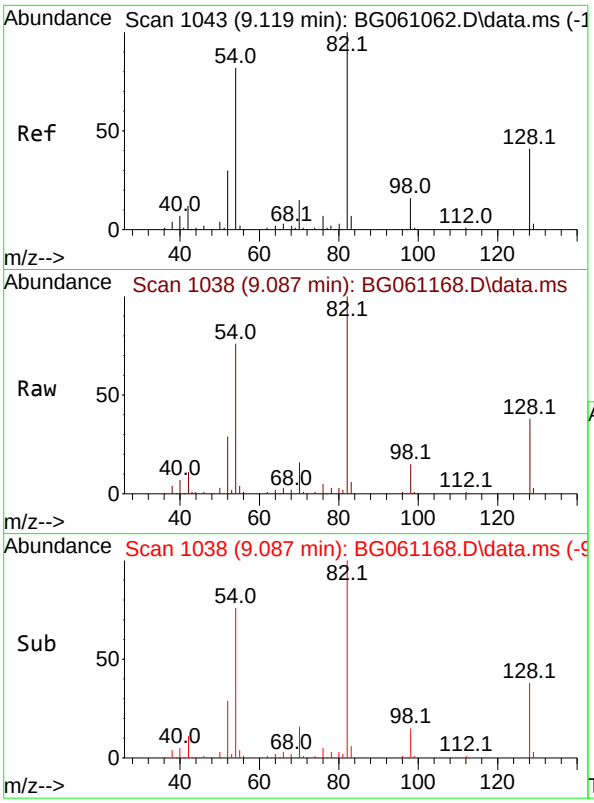


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:136 Resp: 117059

Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.8	11.6
54	11.3	8.1	12.1
68	3.8	3.0	4.4



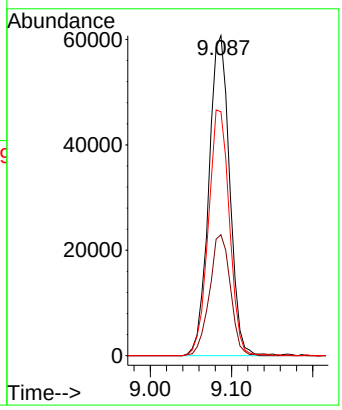


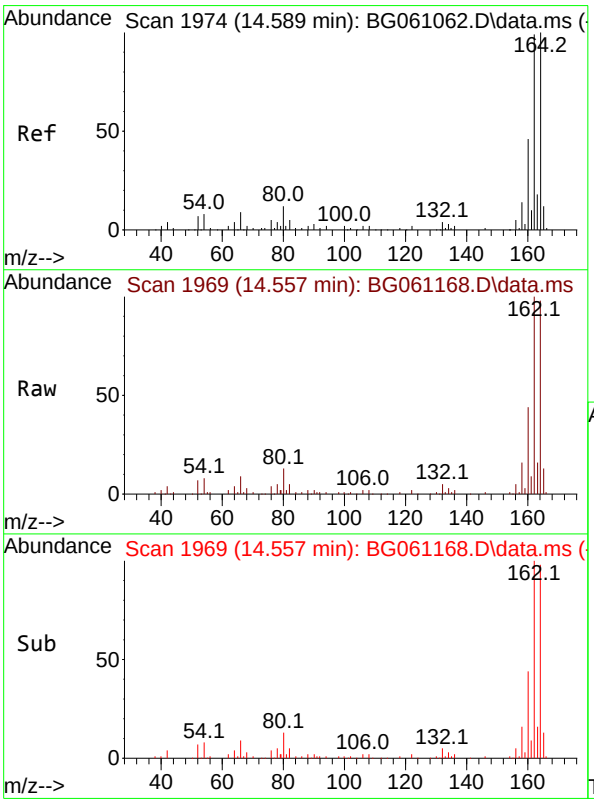
#23
Nitrobenzene-d5
Concen: 45.714 ng
RT: 9.087 min Scan# 1
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion: 82 Resp: 107949

Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.7	49.1
54	76.2	65.6	98.4

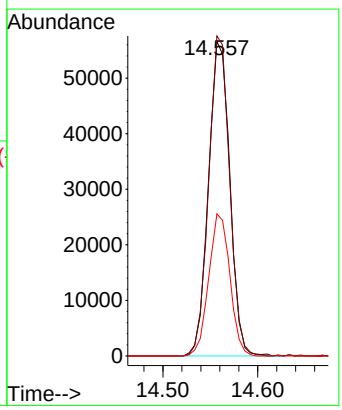


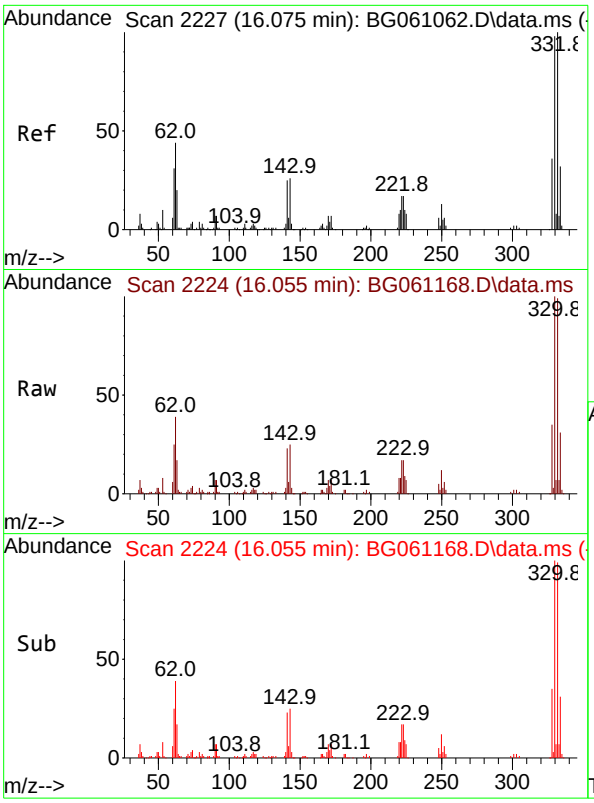


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:164 Resp: 88670

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	45.2	37.0	55.6



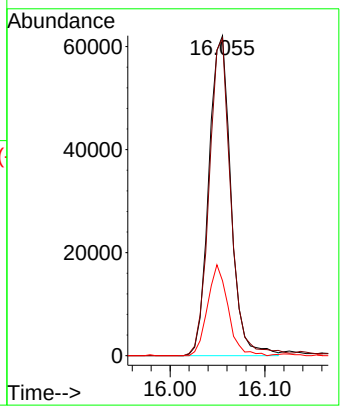


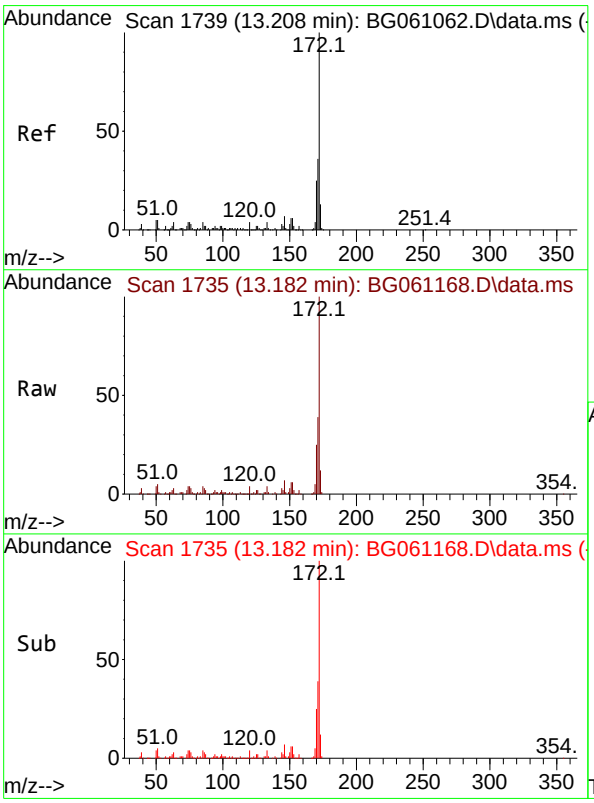
#42
2,4,6-Tribromophenol
Concen: 56.599 ng
RT: 16.055 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:330 Resp: 100313

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	117.8
141	26.4	20.5	30.7

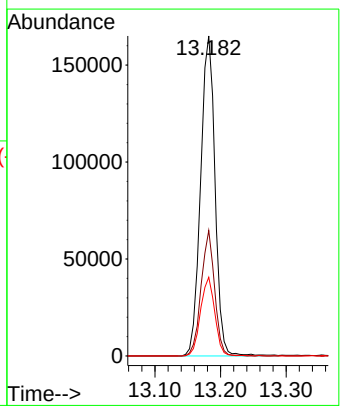


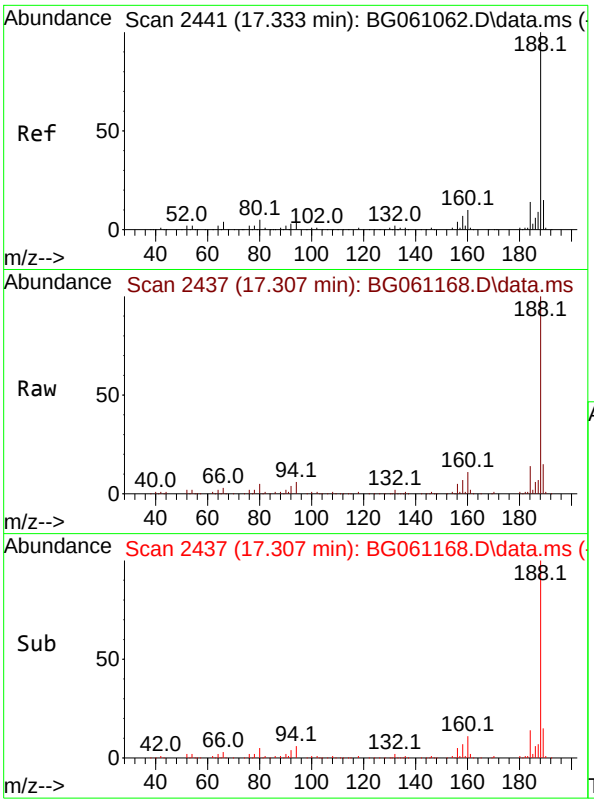


#45
2-Fluorobiphenyl
Concen: 42.283 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:172 Resp: 253546

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.0	43.6
170	24.6	20.2	30.4



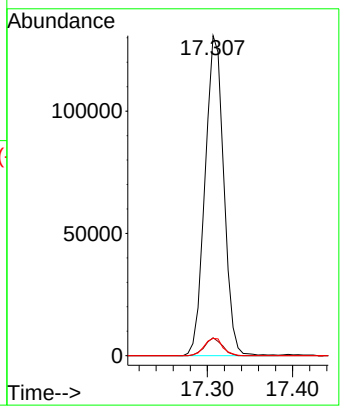


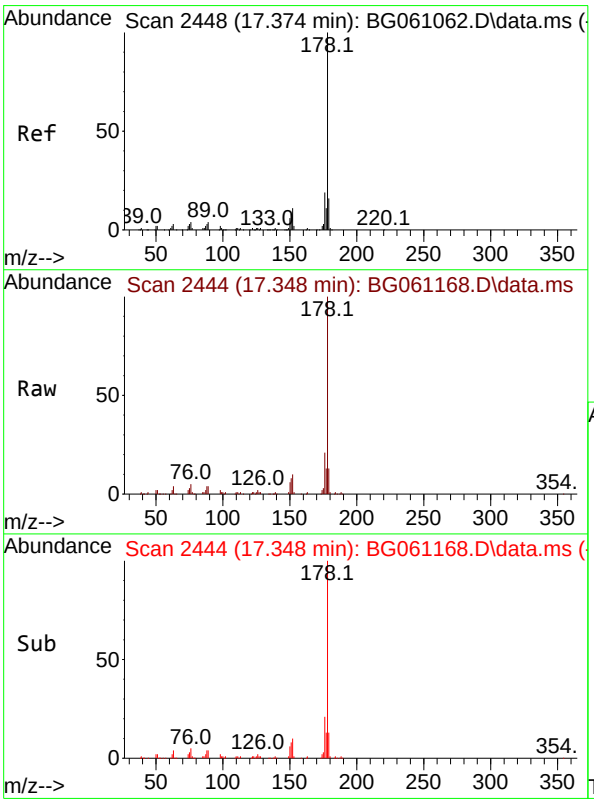
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:188 Resp: 199793

Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.6	5.4#
80	5.4	4.2	6.2

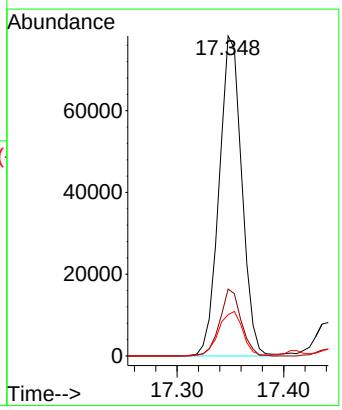


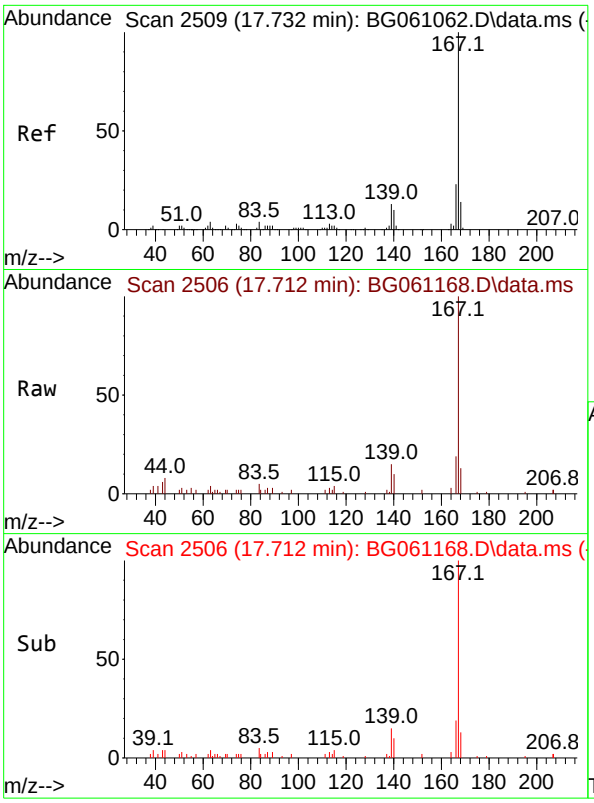


#71
Phenanthrene
Concen: 12.639 ng
RT: 17.348 min Scan# 2444
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:178 Resp: 115459

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.5	23.3
179	12.9	12.6	19.0



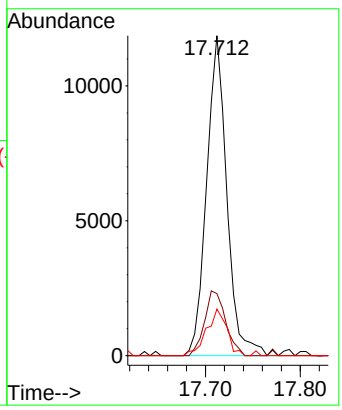


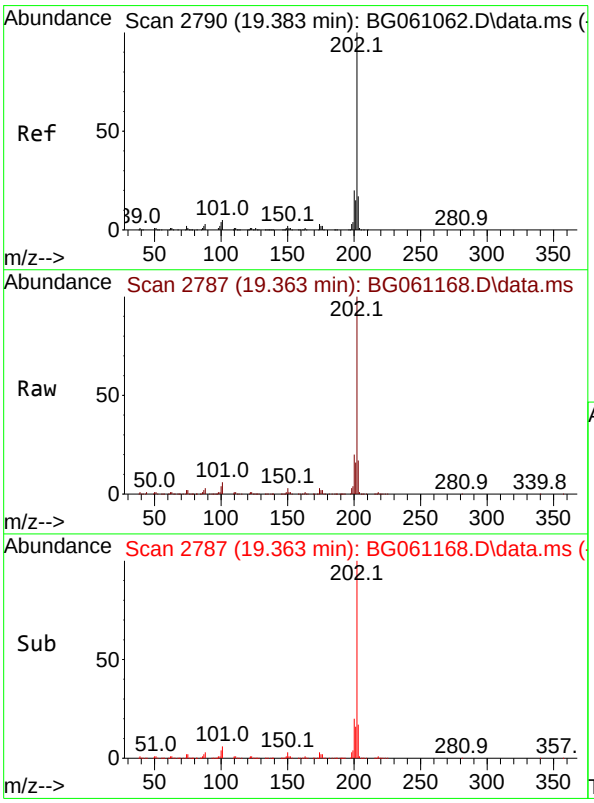
#73
Carbazole
Concen: 2.197 ng
RT: 17.712 min Scan# 2
Delta R.T. -0.020 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:167 Resp: 17612

Ion	Ratio	Lower	Upper
167	100		
166	19.4	18.7	28.1
139	14.6	10.6	15.8

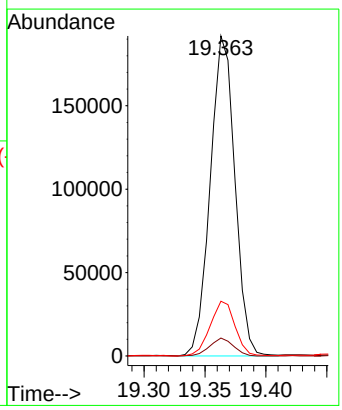


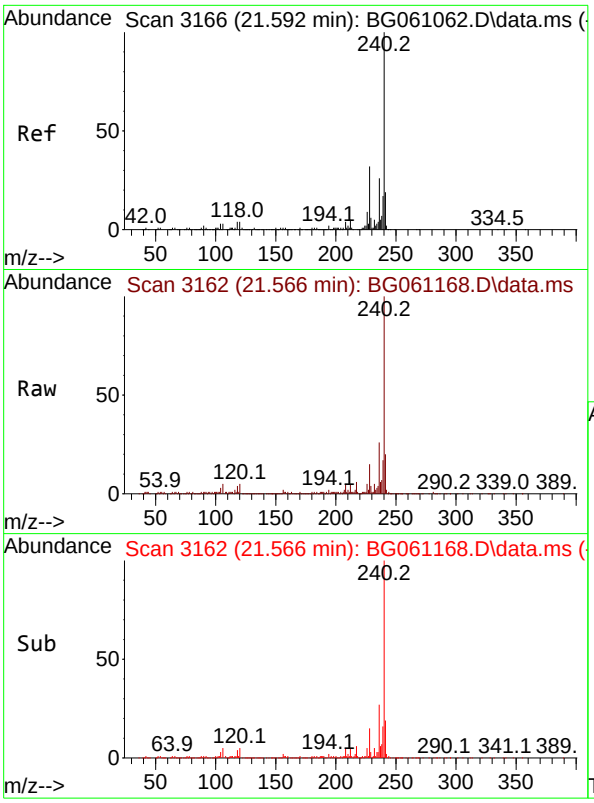


#75
Fluoranthene
Concen: 21.564 ng
RT: 19.363 min Scan# 2787
Delta R.T. -0.020 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:202 Resp: 269880

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	24.7
203	17.1	0.0	37.1



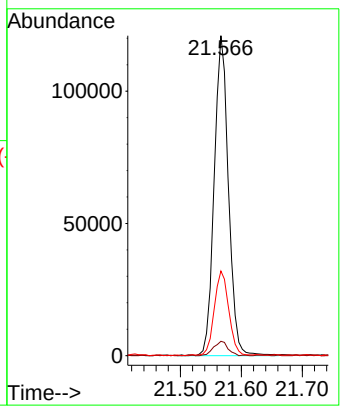


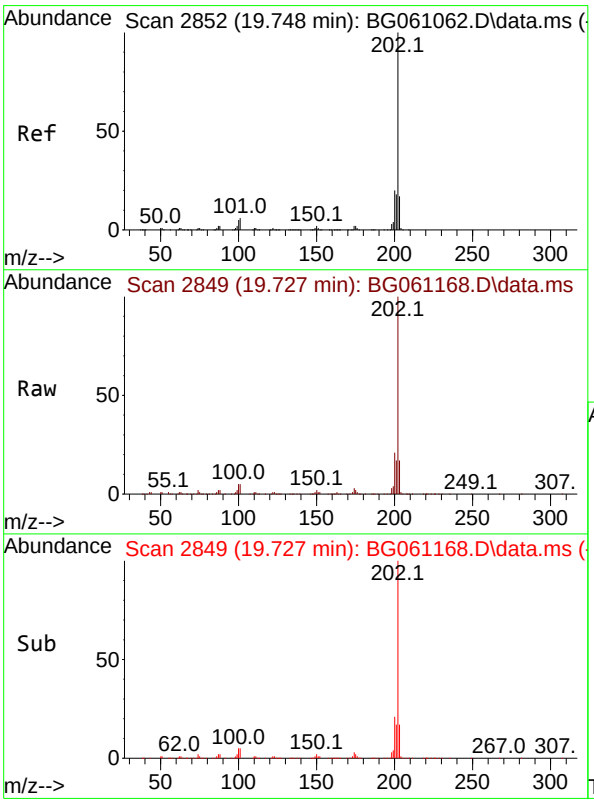
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:240 Resp: 197143

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.2	4.8
236	26.4	21.0	31.6

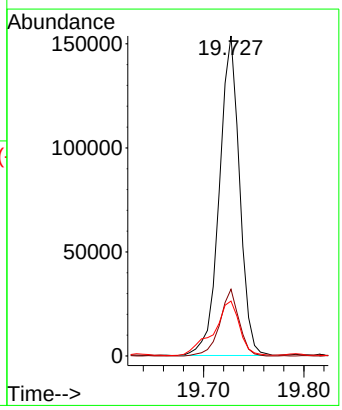


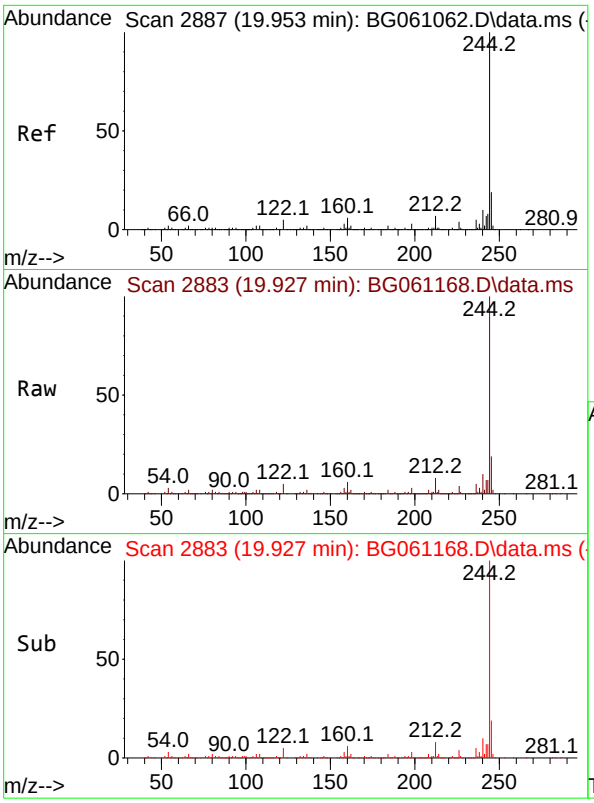


#78
Pyrene
Concen: 17.127 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.020 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:202 Resp: 214664

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.4
203	17.1	13.3	19.9



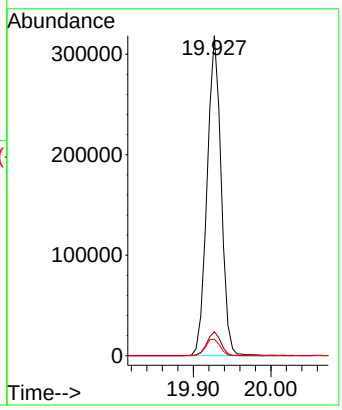


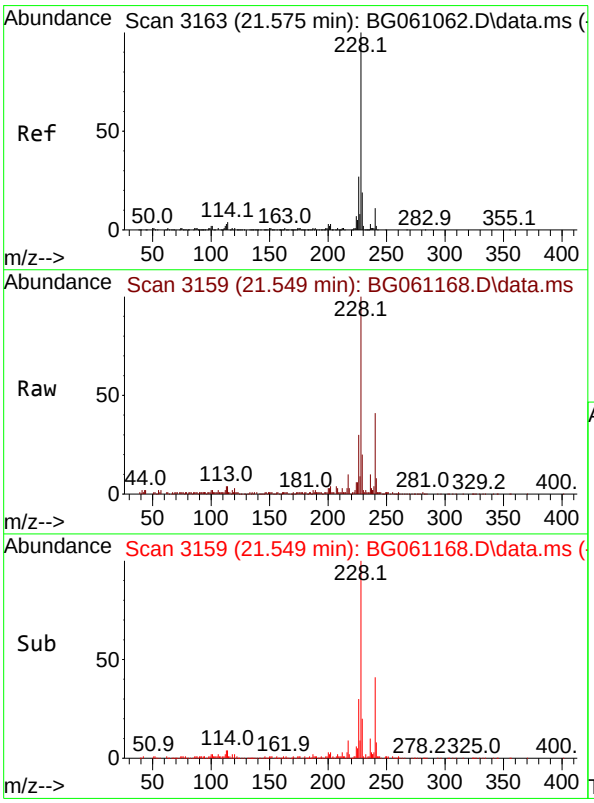
#79
Terphenyl-d14
Concen: 33.836 ng
RT: 19.927 min Scan# 2
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:244 Resp: 401082

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	5.1	4.2	6.2

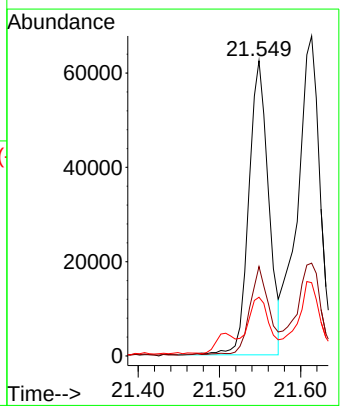


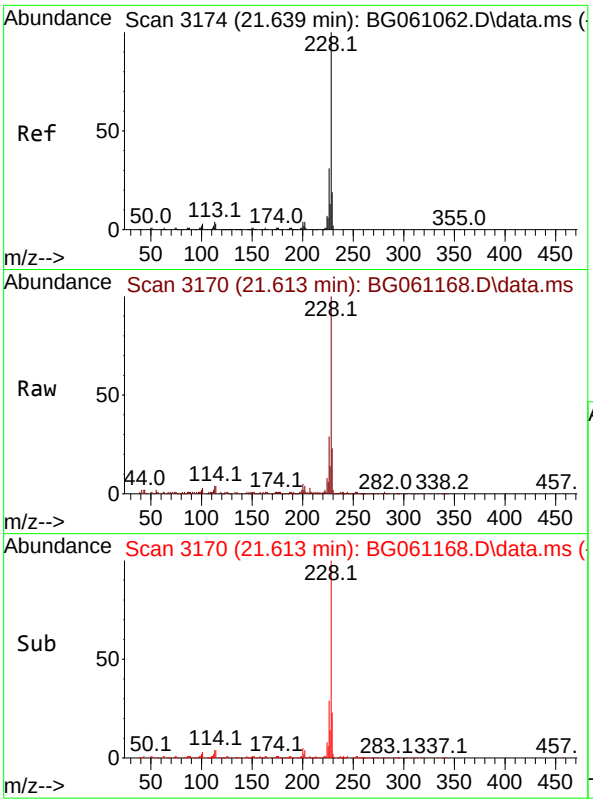


#81
Benzo(a)anthracene
Concen: 8.181 ng
RT: 21.549 min Scan# 3159
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:228 Resp: 105538

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.6	32.4
229	19.9	15.0	22.4



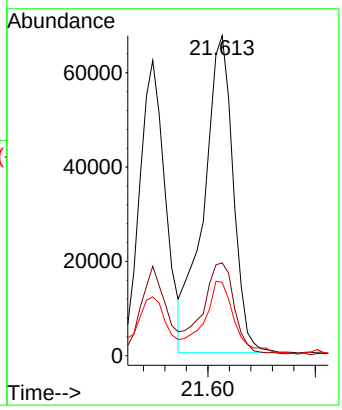


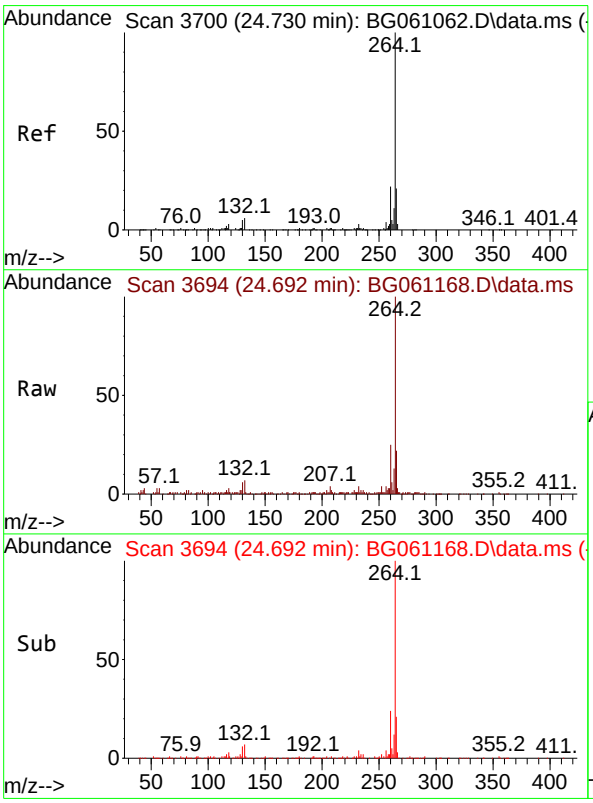
#83
Chrysene
Concen: 10.656 ng m
RT: 21.613 min Scan# 3
Delta R.T. -0.026 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:228 Resp: 128798

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	22.9	14.8	22.2#

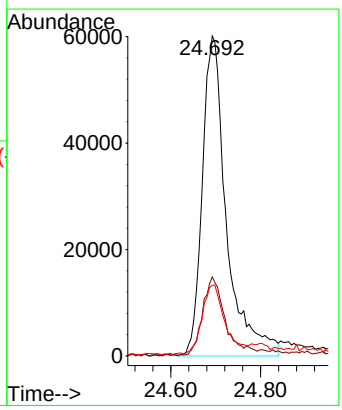


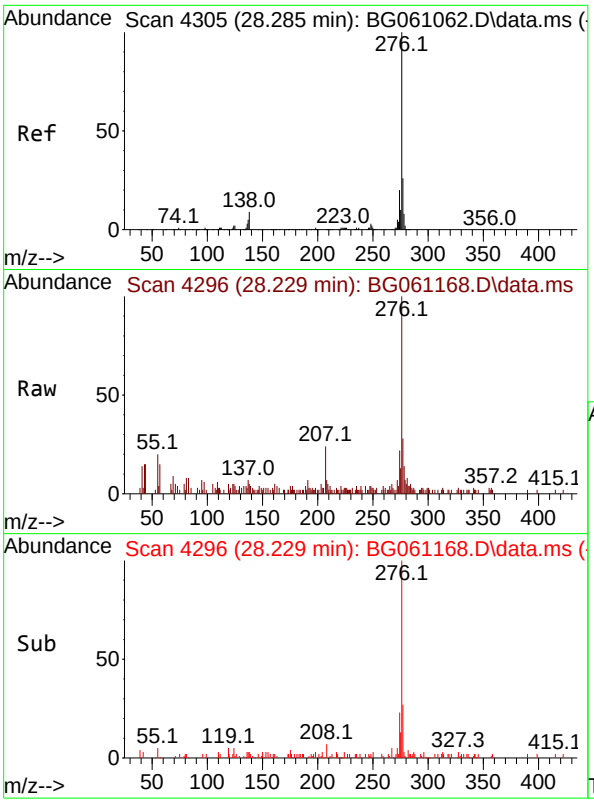


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.038 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:264 Resp: 224514

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.7	26.5
265	22.1	16.4	24.6



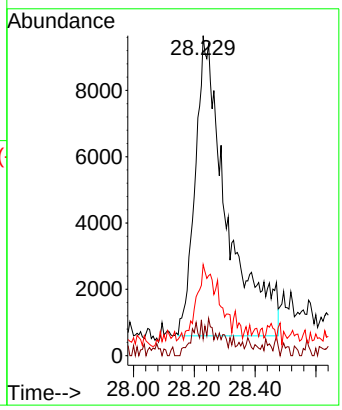


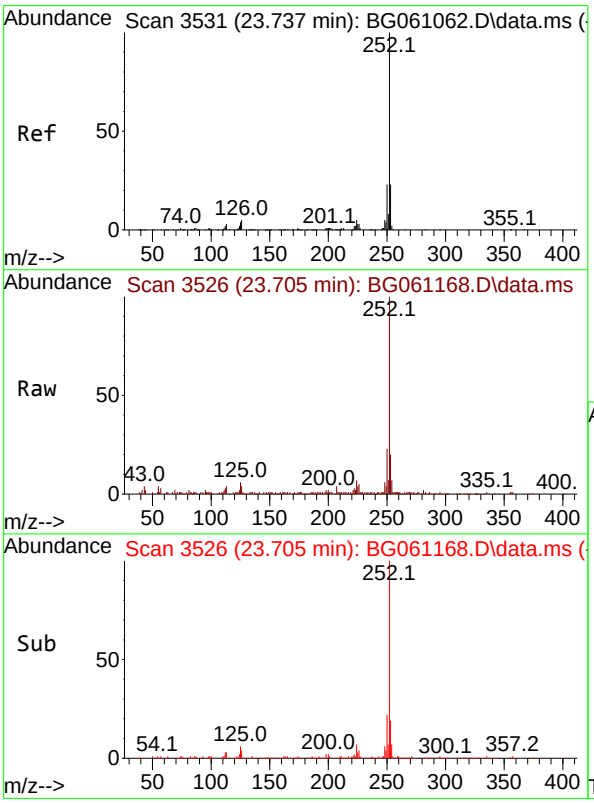
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.405 ng m
RT: 28.229 min Scan# 4
Delta R.T. -0.056 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:276 Resp: 65544

Ion	Ratio	Lower	Upper
276	100		
138	0.4	5.1	7.7#
277	16.9	20.6	30.8#

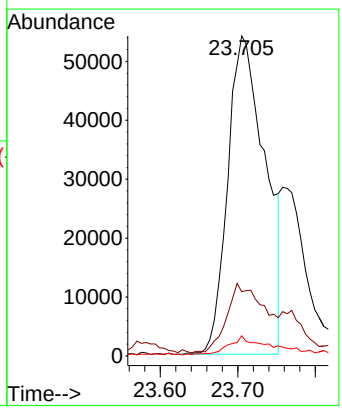


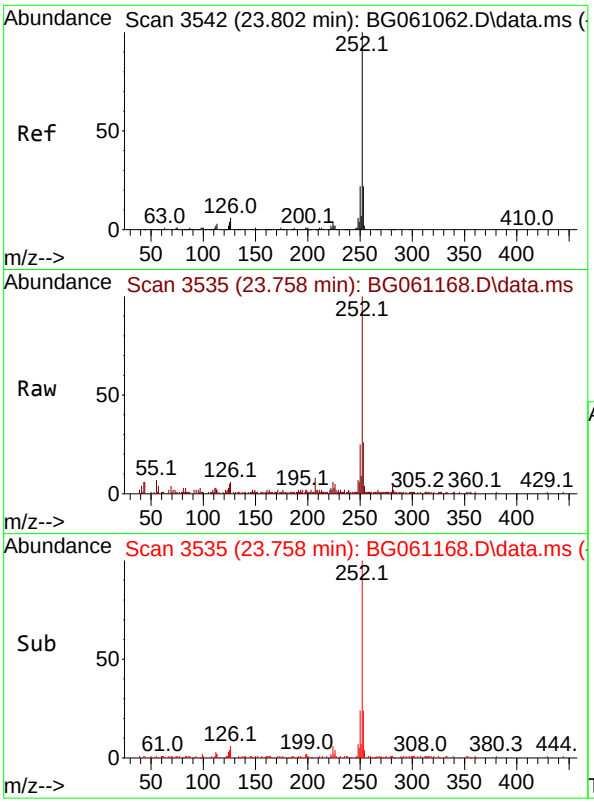


#88
Benzo(b)fluoranthene
Concen: 14.468 ng
RT: 23.705 min Scan# 3526
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:252 Resp: 181514

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.2
125	6.3	3.4	5.0#



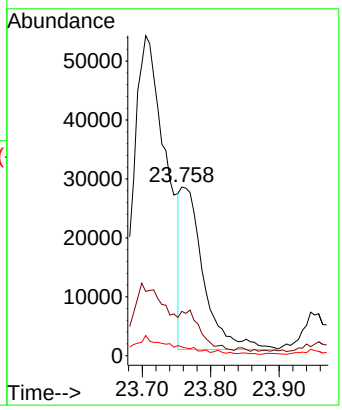


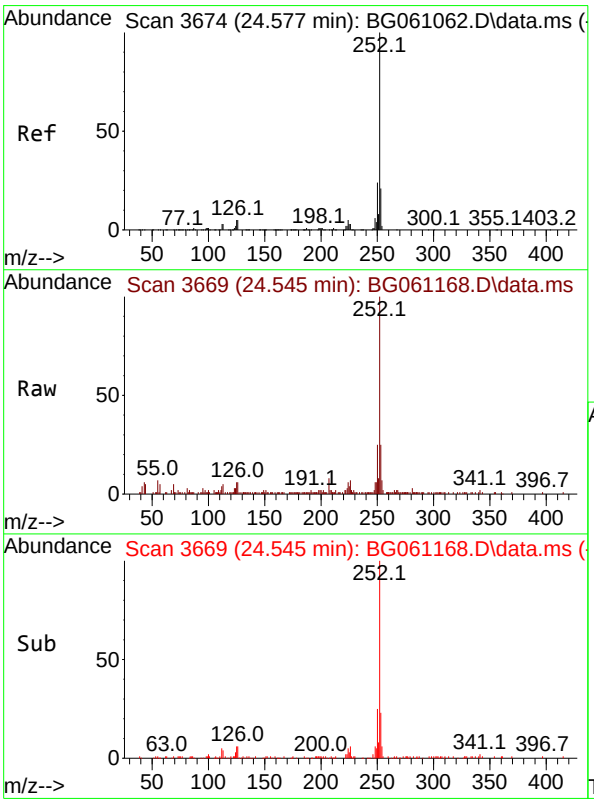
#89
Benzo(k)fluoranthene
Concen: 5.330 ng m
RT: 23.758 min Scan# 3
Delta R.T. -0.044 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:252 Resp: 64330

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.3	25.9#
125	5.2	3.2	4.8#

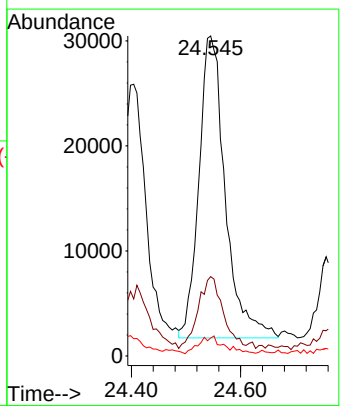


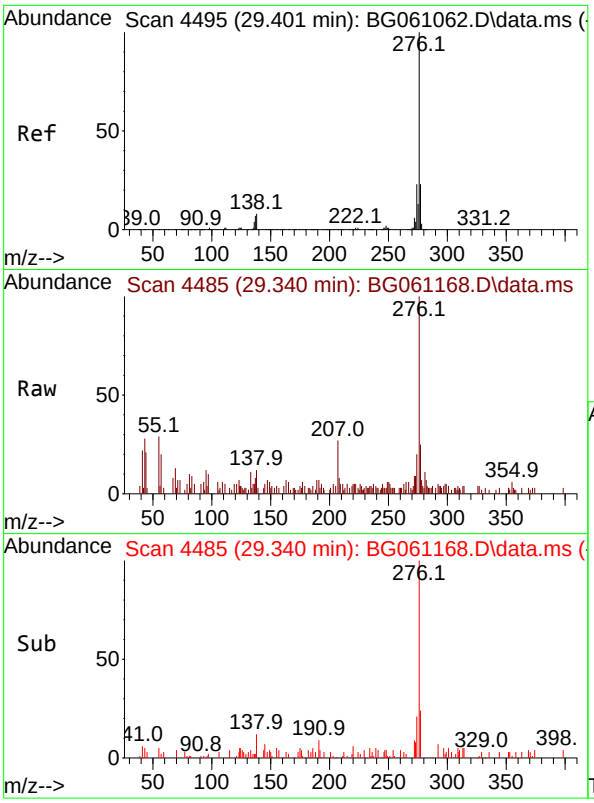


#90
Benzo(a)pyrene
Concen: 8.789 ng m
RT: 24.545 min Scan# 3669
Delta R.T. -0.032 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Tgt Ion:252 Resp: 96068

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.9	25.3
125	5.6	3.8	5.8





#92
Benzo(g,h,i)perylene
Concen: 4.318 ng m
RT: 29.340 min Scan# 44
Delta R.T. -0.061 min
Lab File: BG061168.D
Acq: 10 May 2024 18:20

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

Tgt Ion:276 Resp: 52871

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.2	27.4
138	12.0	6.2	9.2#