Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
Data File : BG055177.D
Acq On : 14 Oct 2022 14:11
Operator : CG/JU
Sample : N5101-01RE 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Quant Time: Oct 14 16:18:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.301	152	44972	20.000	ng		0.00
21) Naphthalene-d8	11.133	136	188123	20.000	ng		0.00
39) Acenaphthene-d10	14.911	164	120317	20.000	ng		0.00
64) Phenanthrene-d10	17.643	188	245274	20.000	ng		0.00
76) Chrysene-d12	21.932	240	224540	20.000	ng		0.00
86) Perylene-d12	25.363	264	250048	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.821	112	95425	41.514	ng		0.00
7) Phenol-d6	7.431	99	128924	37.916	ng		0.00
23) Nitrobenzene-d5	9.470	82	83515	23.806	ng		0.00
42) 2,4,6-Tribromophenol	16.385	330	60784	35.159	ng		0.00
45) 2-Fluorobiphenyl	13.542	172	205507	27.902	ng		0.00
79) Terphenyl-d14	20.216	244	297322	26.668	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.470	70	11449	4.172	ng	#	75
49) Acenaphthylene	14.640	152	29984	2.764	ng		94
51) 2,6-Dinitrotoluene	14.911	165	16544	8.313	ng	#	24
71) Phenanthrene	17.690	178	156165	12.275	ng		99
72) Anthracene	17.778	178	27921	2.246	ng		99
75) Fluoranthene	19.676	202	256382	16.121	ng		99
78) Pyrene	20.034	202	367621	24.560	ng		99
81) Benzo(a)anthracene	21.908	228	174511	12.147	ng		95
83) Chrysene	21.979	228	194555	14.356	ng		97
87) Indeno(1,2,3-cd)pyrene	29.300	276	118444	6.395	ng	#	95
88) Benzo(b)fluoranthene	24.264	252	211675	14.203	ng		96
89) Benzo(k)fluoranthene	24.264	252	211675	14.137	ng		96
90) Benzo(a)pyrene	25.199	252	199815	15.679	ng		98
91) Dibenzo(a,h)anthracene	29.341	278	35795	2.335	ng	#	84
92) Benzo(g,h,i)perylene	30.539	276	135939	9.054	ng		99

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

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Quant Time: Oct 14 16:18:06 2022
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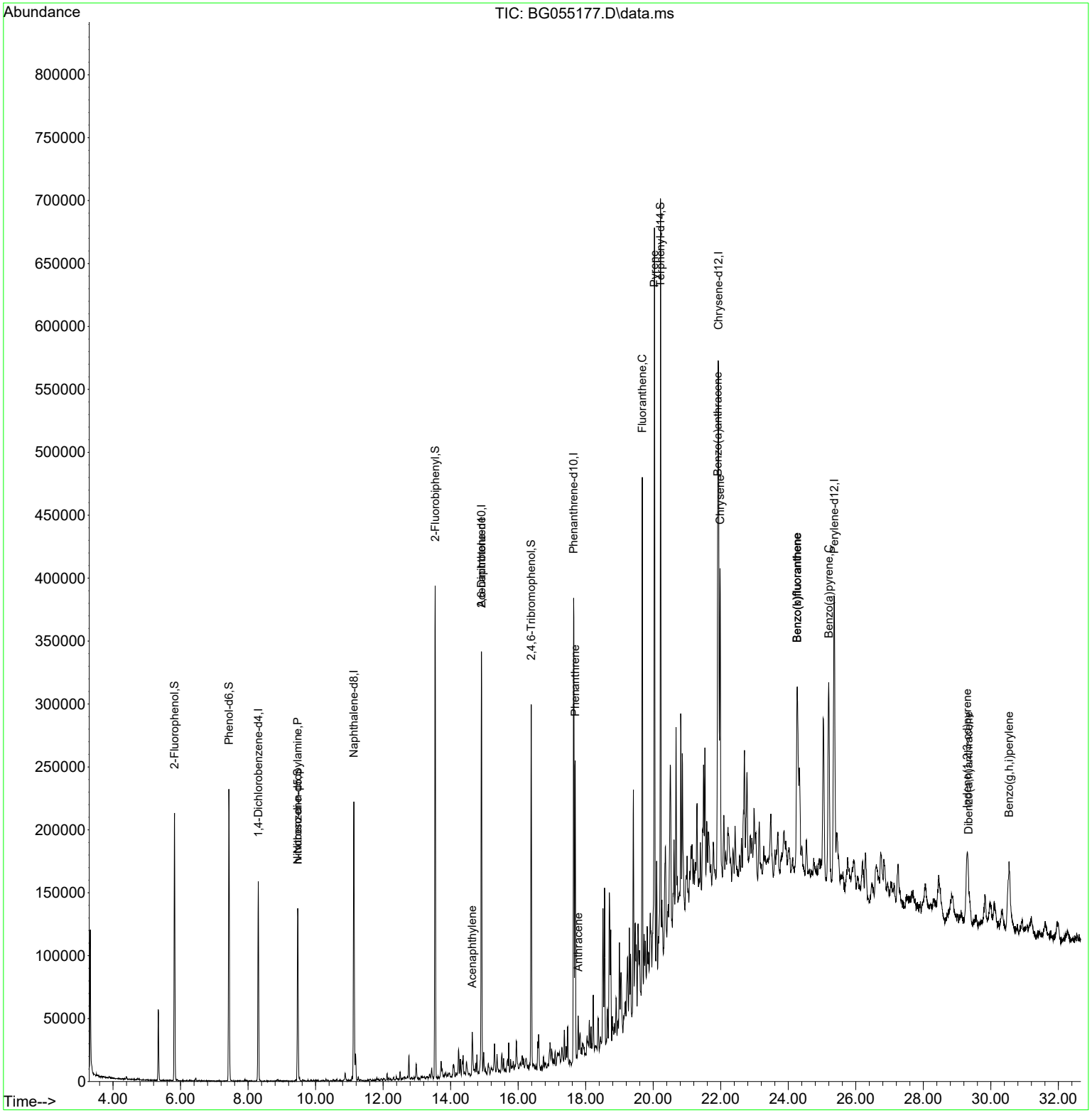
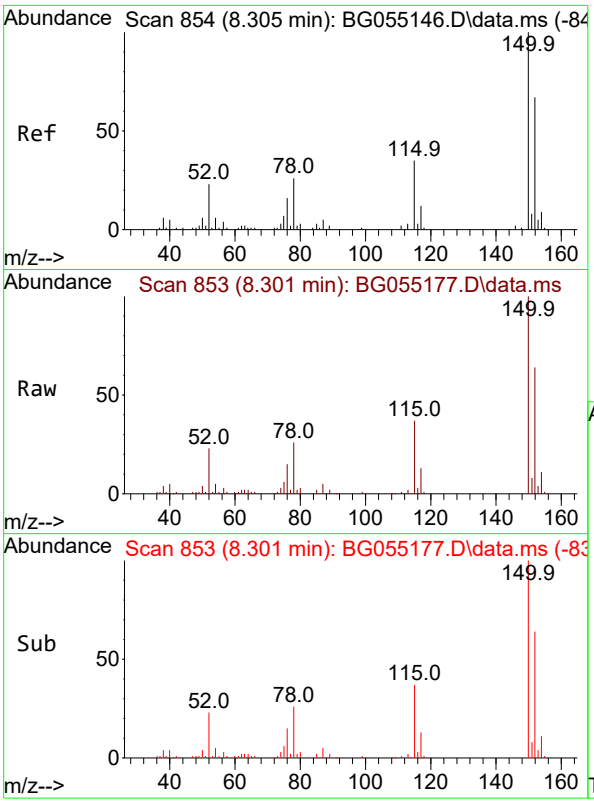
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration



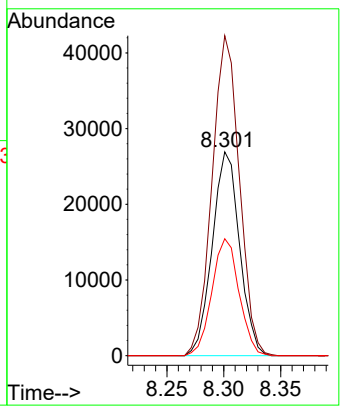


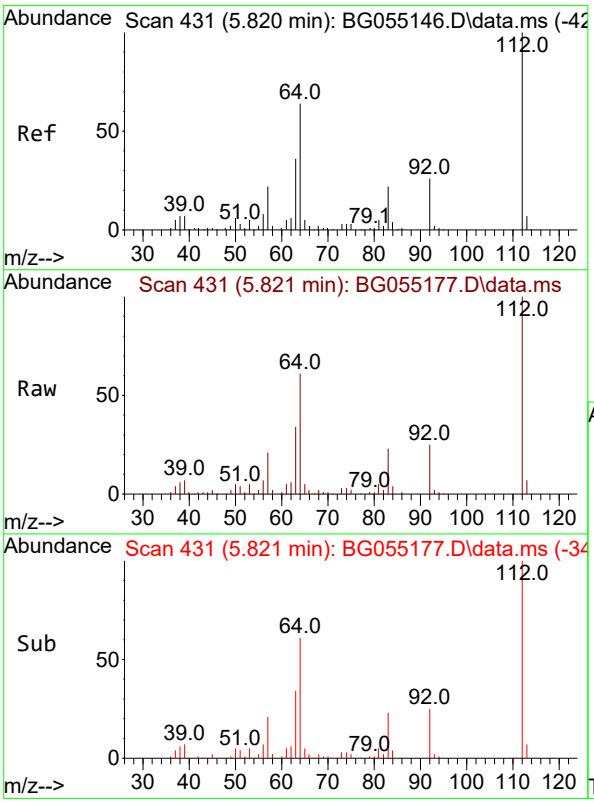
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.301 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:152 Resp: 44972

Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.7	179.5
115	57.4	42.4	63.6

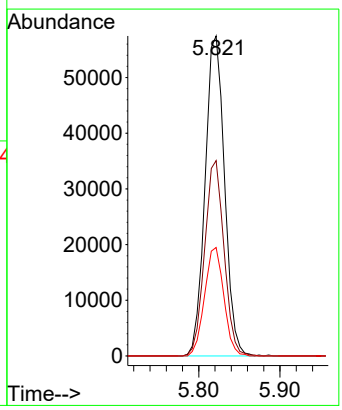


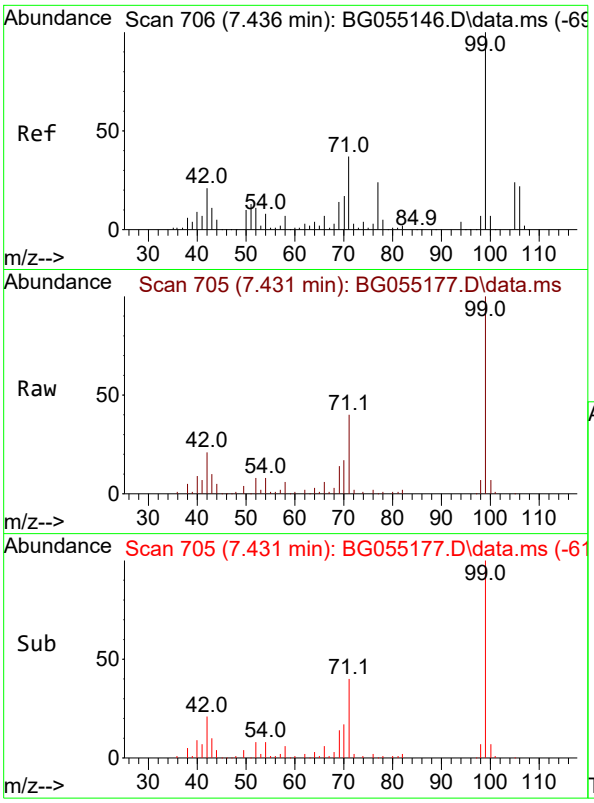


#5
2-Fluorophenol
Concen: 41.514 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:112 Resp: 95425

Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.9	76.3
63	33.9	29.0	43.6



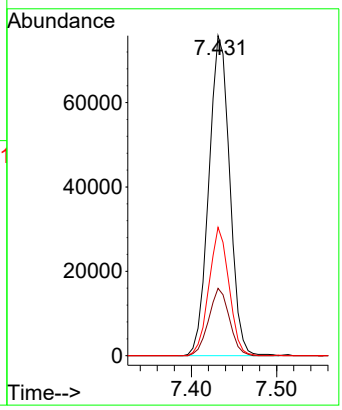


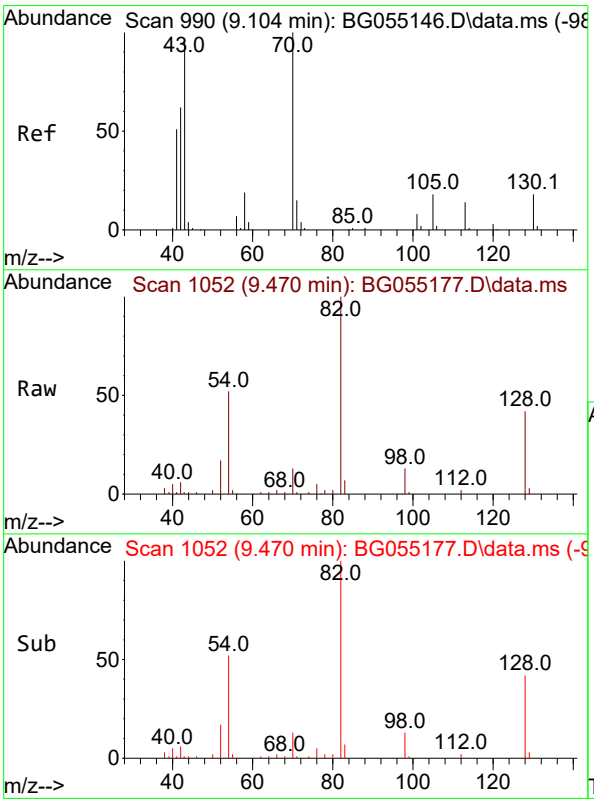
#7
Phenol-d6
Concen: 37.916 ng
RT: 7.431 min Scan# 7(
Delta R.T. -0.005 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion: 99 Resp: 128924

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	25.0
71	40.1	29.6	44.4

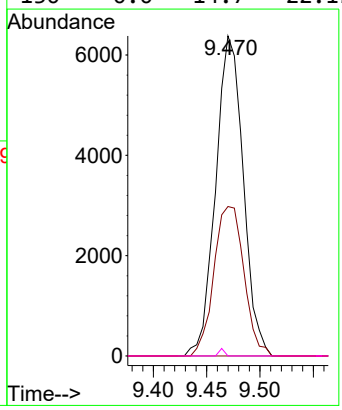


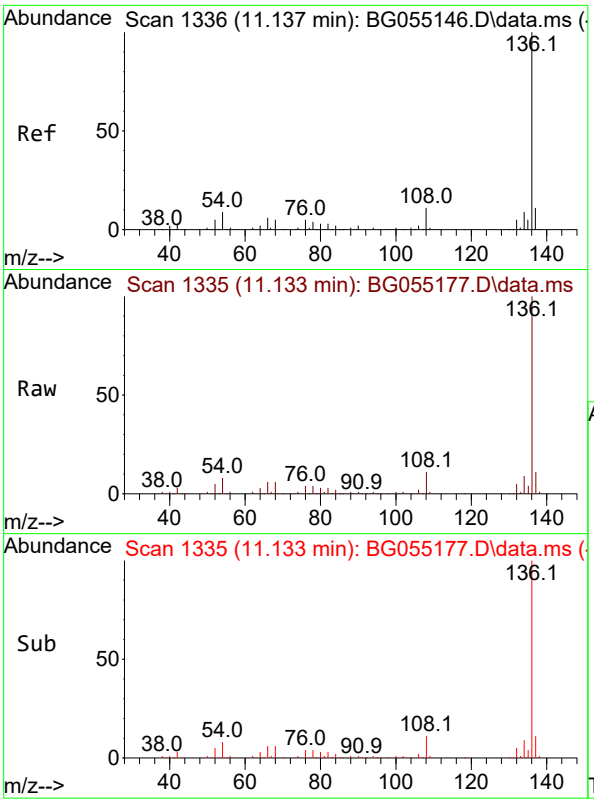


#19
n-Nitroso-di-n-propylamine
Concen: 4.172 ng
RT: 9.470 min Scan# 1052
Delta R.T. 0.366 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion: 70 Resp: 11449

Ion	Ratio	Lower	Upper
70	100		
42	46.7	50.1	75.1#
101	0.0	6.6	10.0#
130	0.0	14.7	22.1#



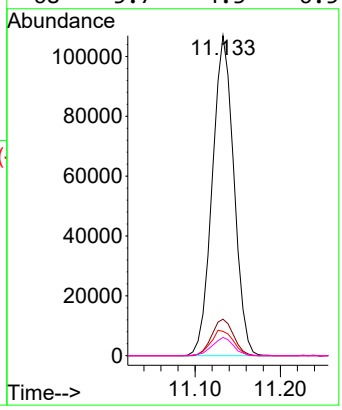


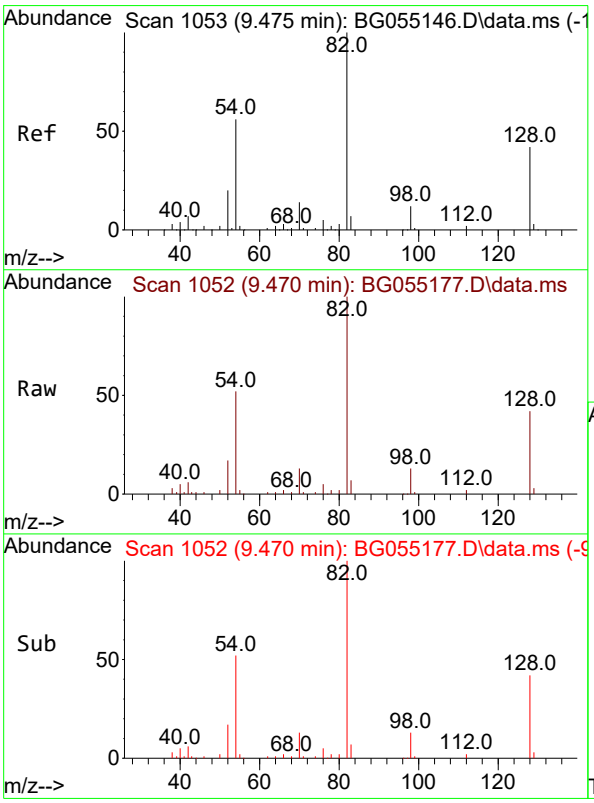
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.133 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:136 Resp: 188123

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	7.0	10.6
68	5.7	4.3	6.5

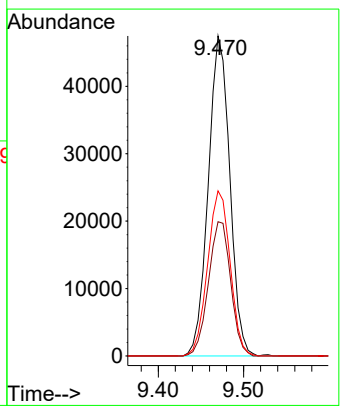


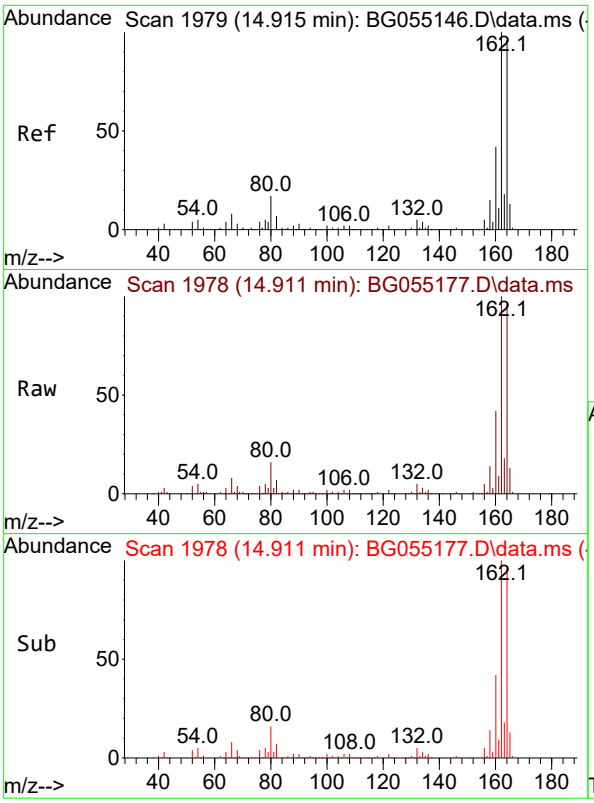


#23
Nitrobenzene-d5
Concen: 23.806 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion: 82 Resp: 83515

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.5	50.3
54	51.6	44.7	67.1



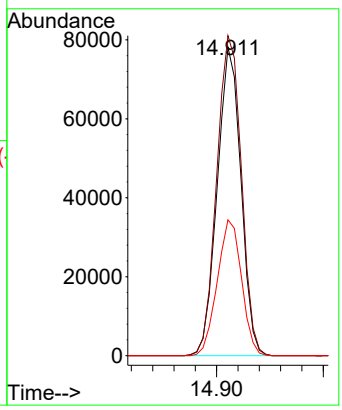


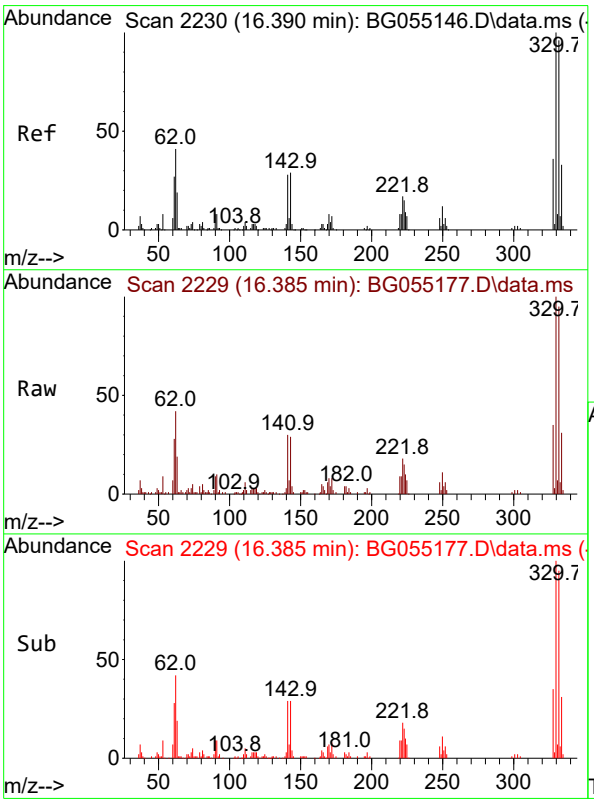
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:164 Resp: 120317

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	44.0	35.3	52.9

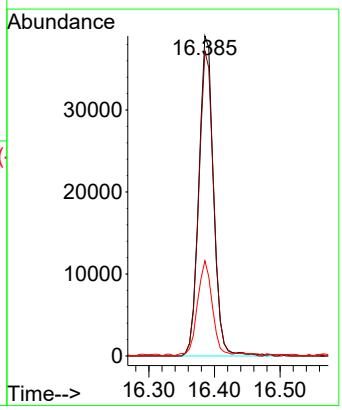


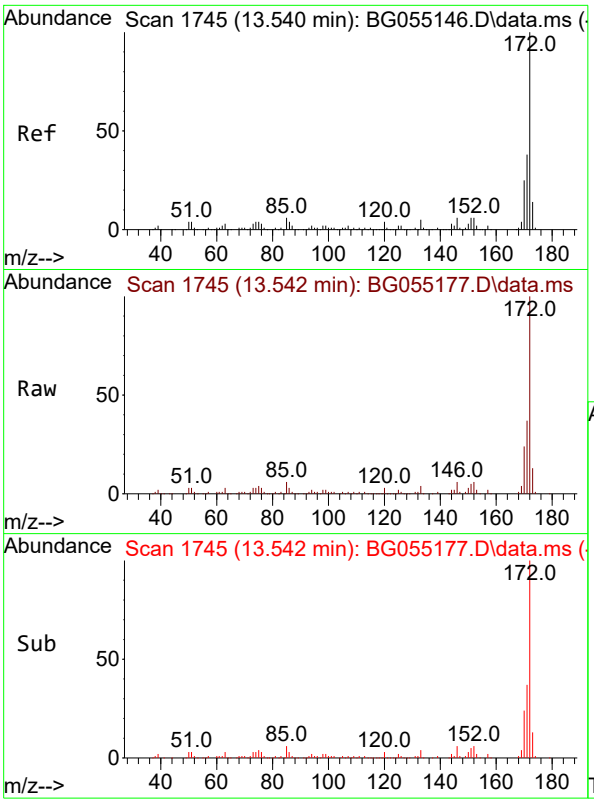


#42
2,4,6-Tribromophenol
Concen: 35.159 ng
RT: 16.385 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:330 Resp: 60784

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.4
141	30.2	24.6	36.8



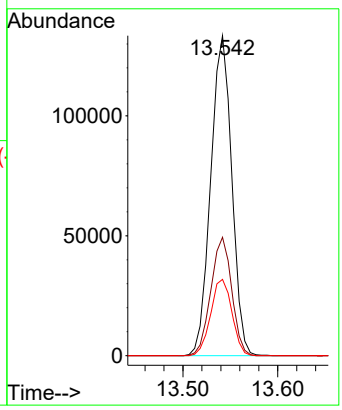


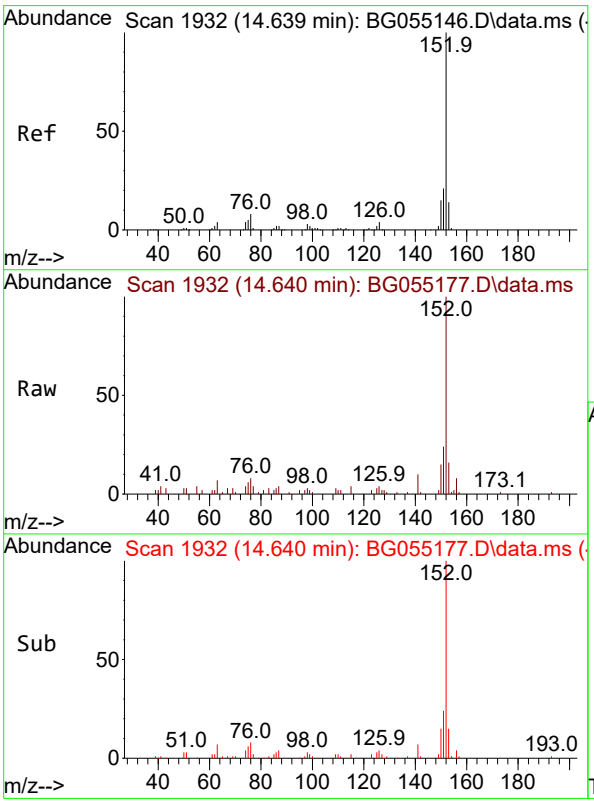
#45
2-Fluorobiphenyl
Concen: 27.902 ng
RT: 13.542 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:172 Resp: 205507

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	23.8	19.8	29.6

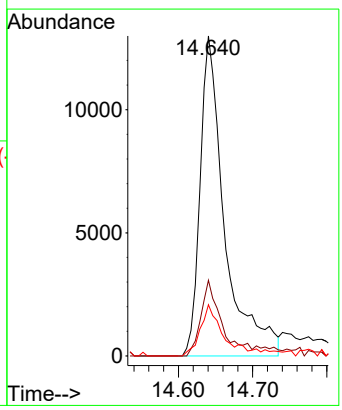


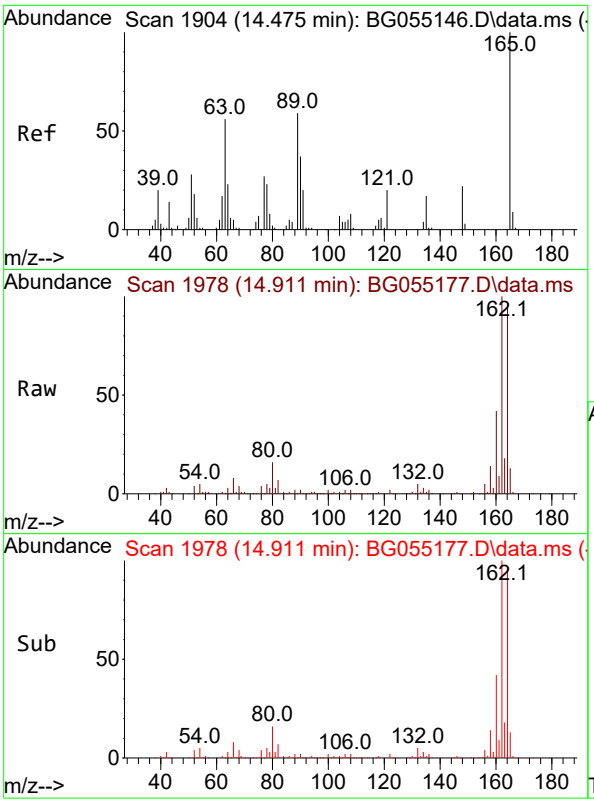


#49
Acenaphthylene
Concen: 2.764 ng
RT: 14.640 min Scan# 1932
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:152 Resp: 29984

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.5	24.7
153	16.0	10.8	16.2



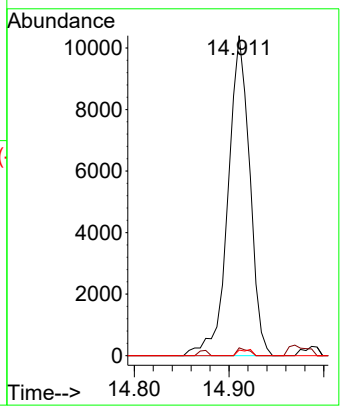


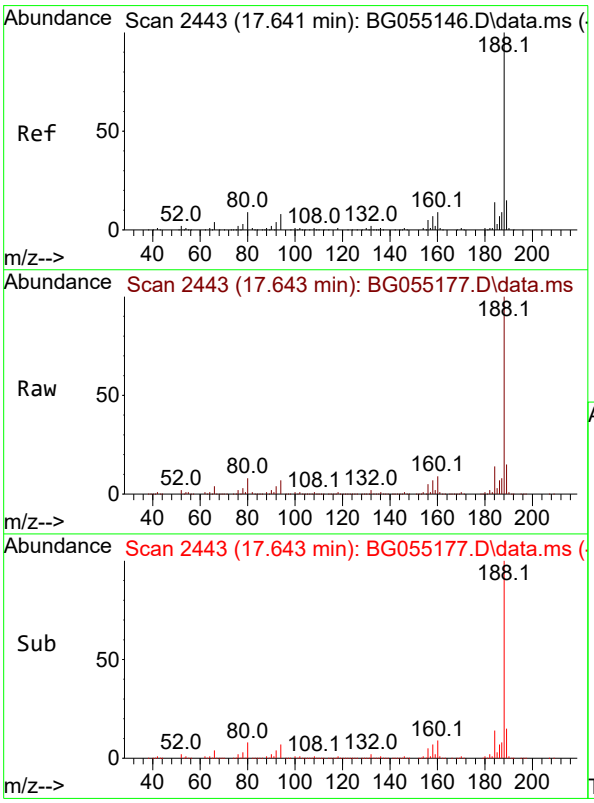
#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 14.911 min Scan# 1
Delta R.T. 0.436 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:165 Resp: 16544

Ion	Ratio	Lower	Upper
165	100		
63	2.4	46.6	70.0#
89	1.7	47.6	71.4#

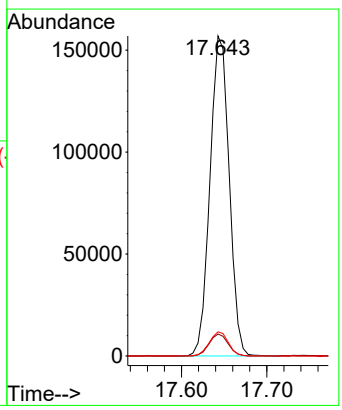


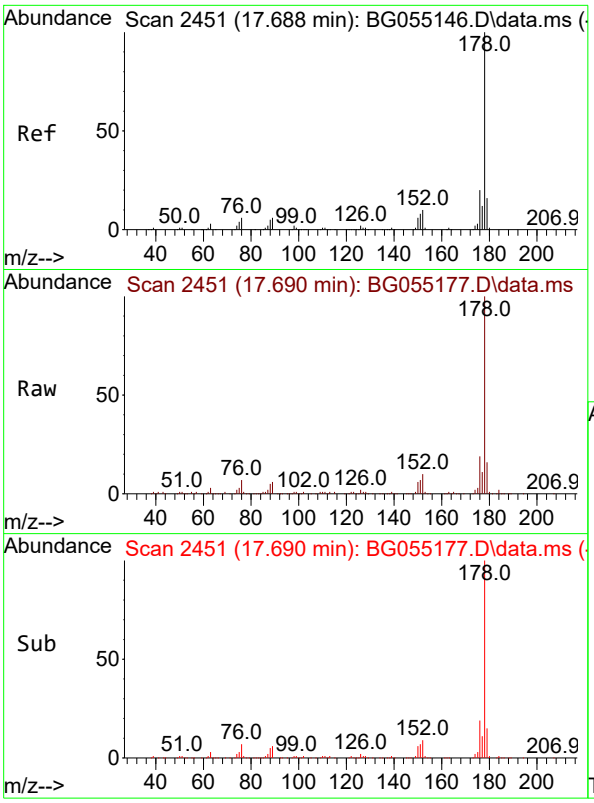


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.643 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:188 Resp: 245274

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.2
80	7.5	7.0	10.6



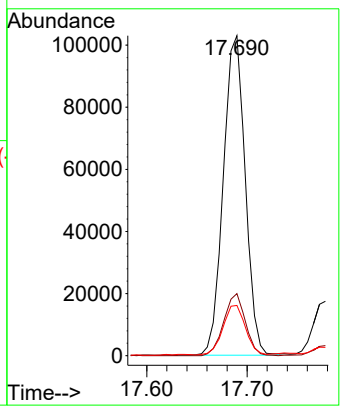


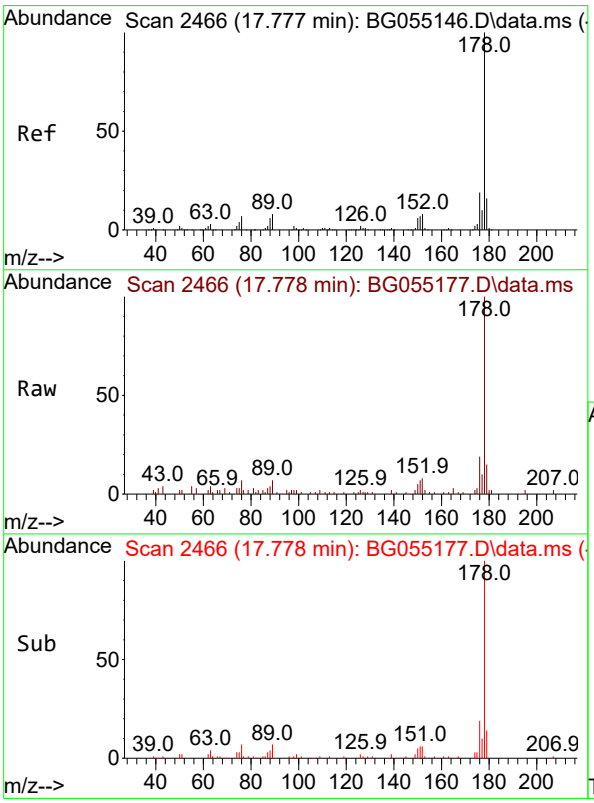
#71
Phenanthrene
Concen: 12.275 ng
RT: 17.690 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:178 Resp: 156165

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.7	12.7	19.1

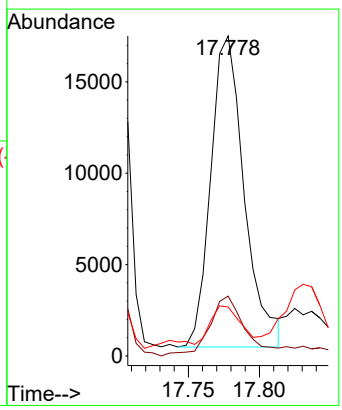


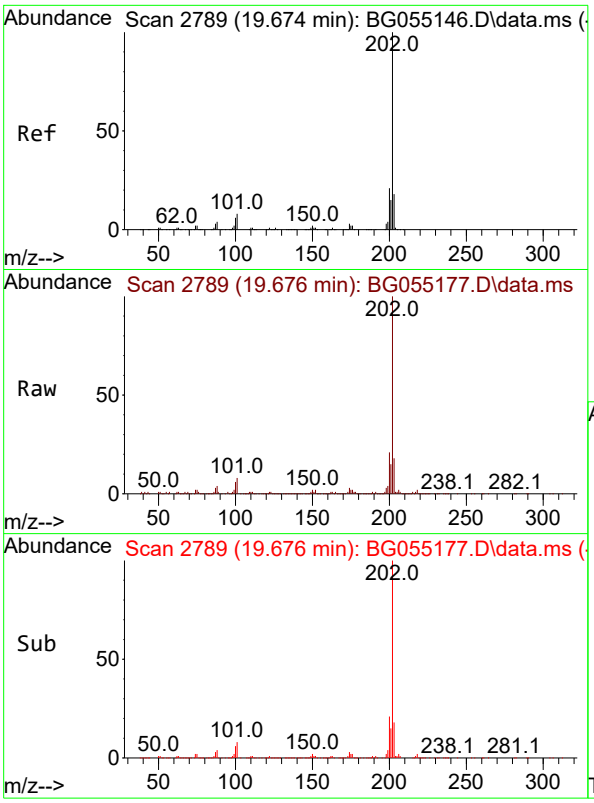


#72
Anthracene
Concen: 2.246 ng
RT: 17.778 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:178 Resp: 27921

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	13.0	19.4



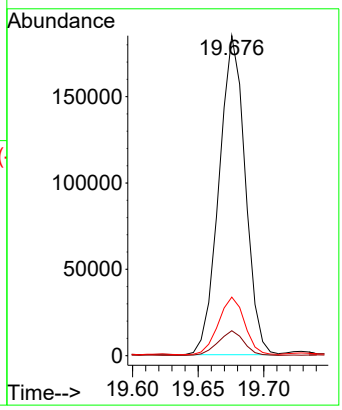


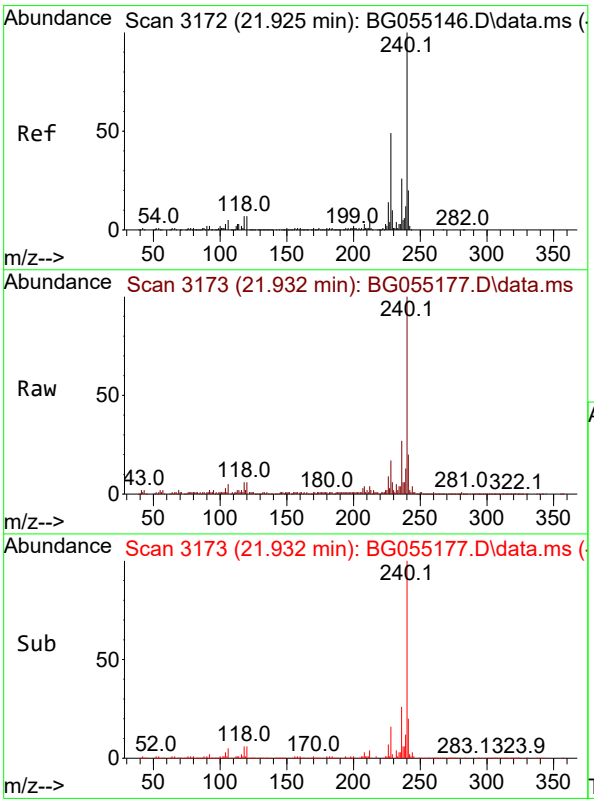
#75
Fluoranthene
Concen: 16.121 ng
RT: 19.676 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:202 Resp: 256382

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.4
203	18.3	0.0	37.8

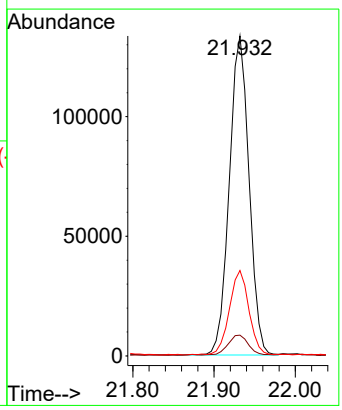


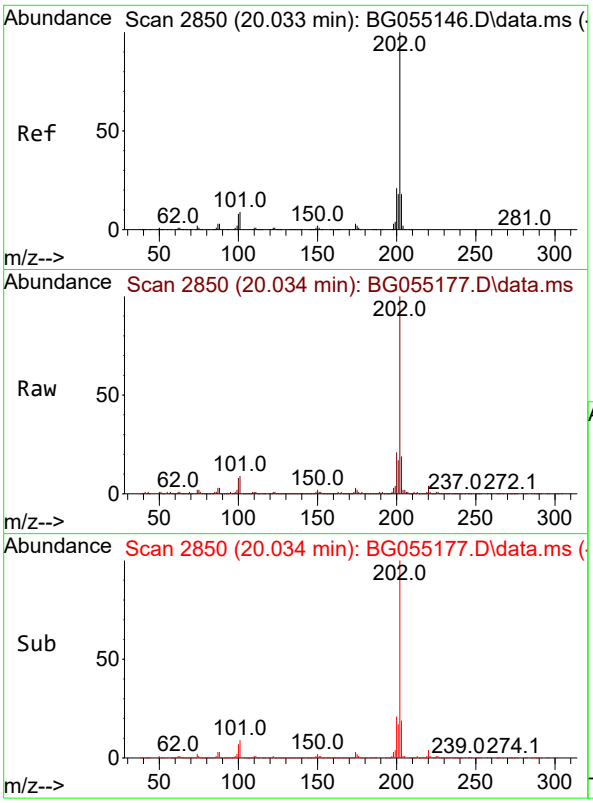


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3173
Delta R.T. 0.007 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:240 Resp: 224540

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.0
236	26.7	20.6	31.0



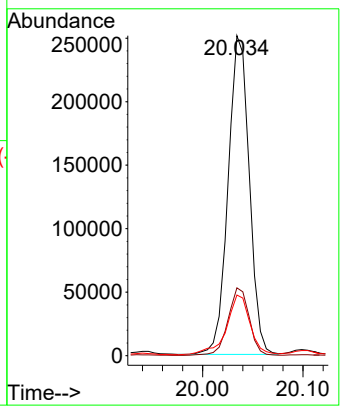


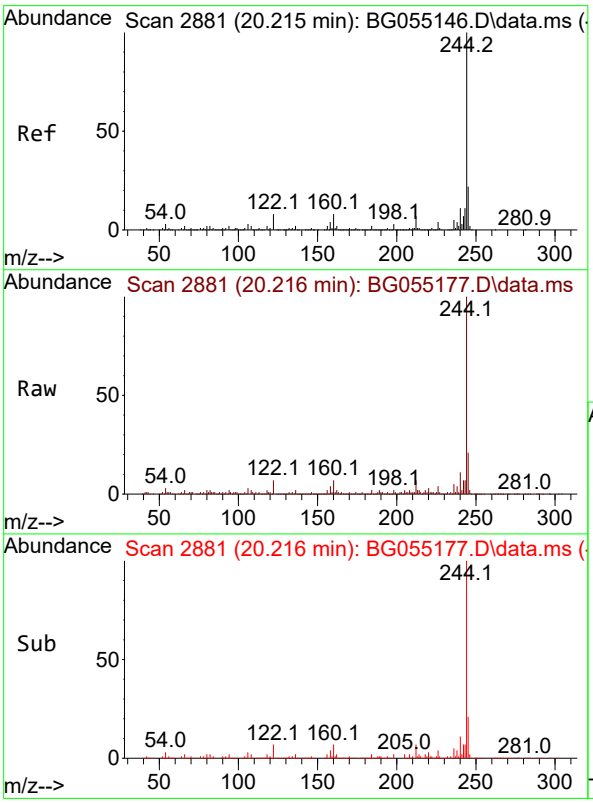
#78
Pyrene
Concen: 24.560 ng
RT: 20.034 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:202 Resp: 367621

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	19.0	14.4	21.6

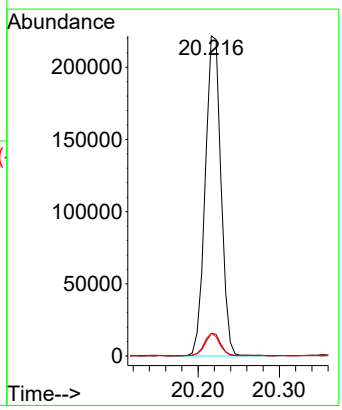


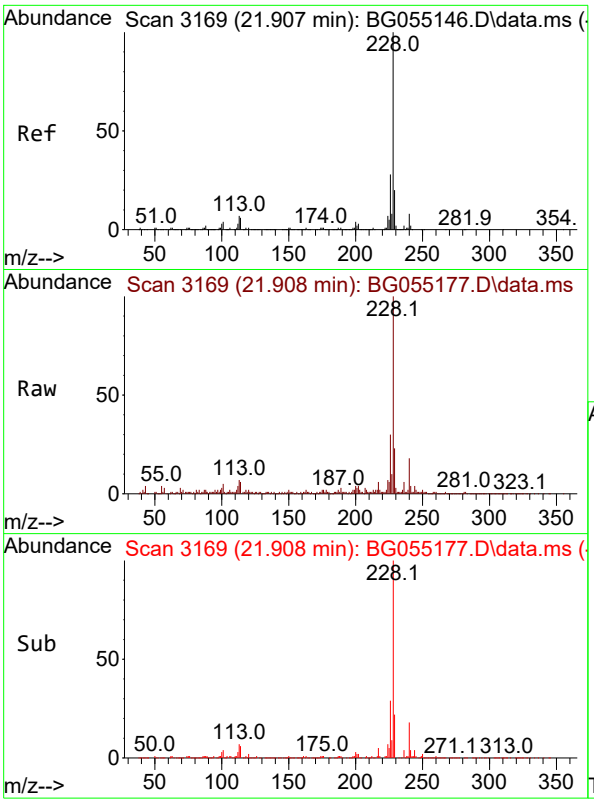


#79
Terphenyl-d14
Concen: 26.668 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:244 Resp: 297322

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	7.1	6.6	10.0



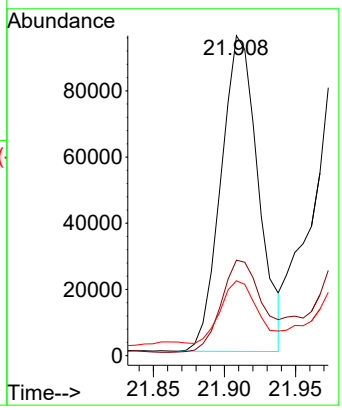


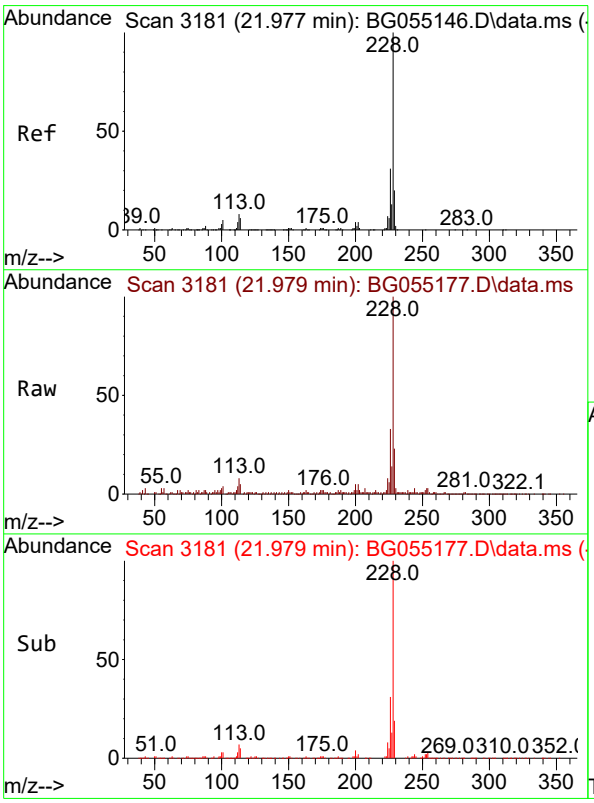
#81
Benzo(a)anthracene
Concen: 12.147 ng
RT: 21.908 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:228 Resp: 174511

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	23.4	16.2	24.4

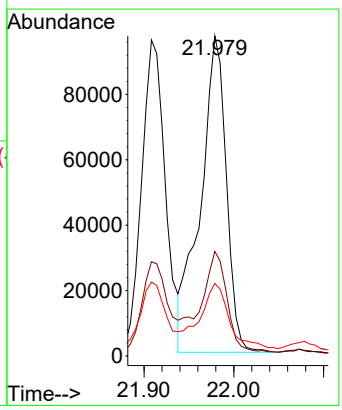


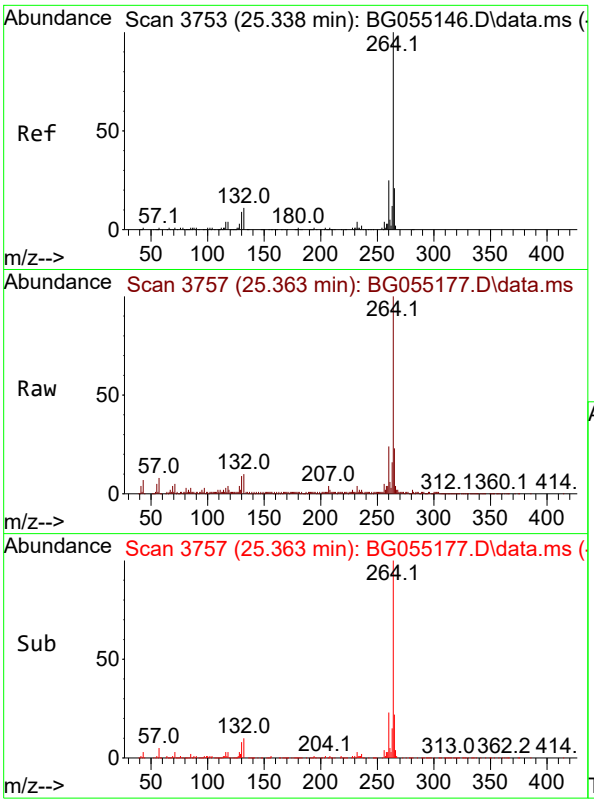


#83
Chrysene
Concen: 14.356 ng
RT: 21.979 min Scan# 3181
Delta R.T. 0.001 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:228 Resp: 194555

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.1	37.7
229	22.7	16.2	24.2



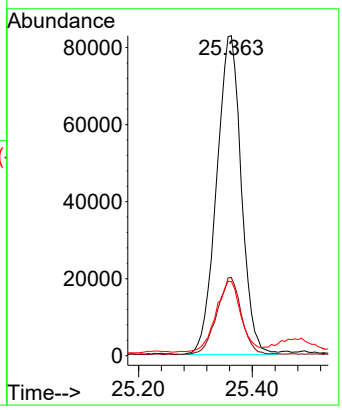


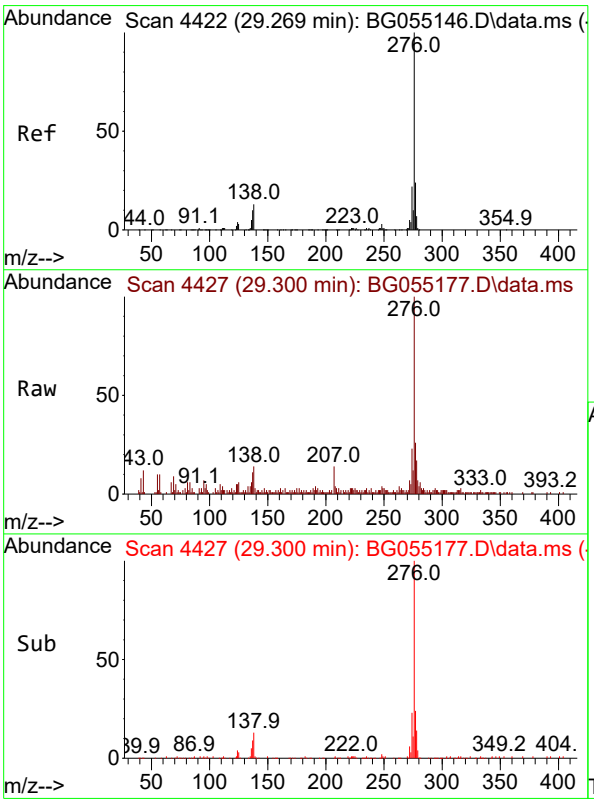
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.363 min Scan# 3
Delta R.T. 0.025 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:264 Resp: 250048

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	23.2	16.8	25.2

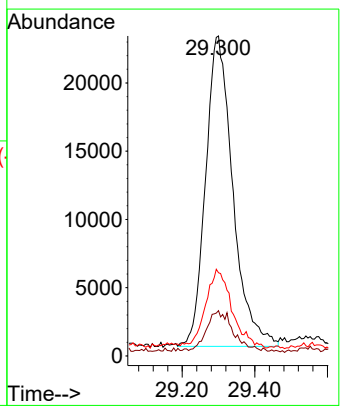


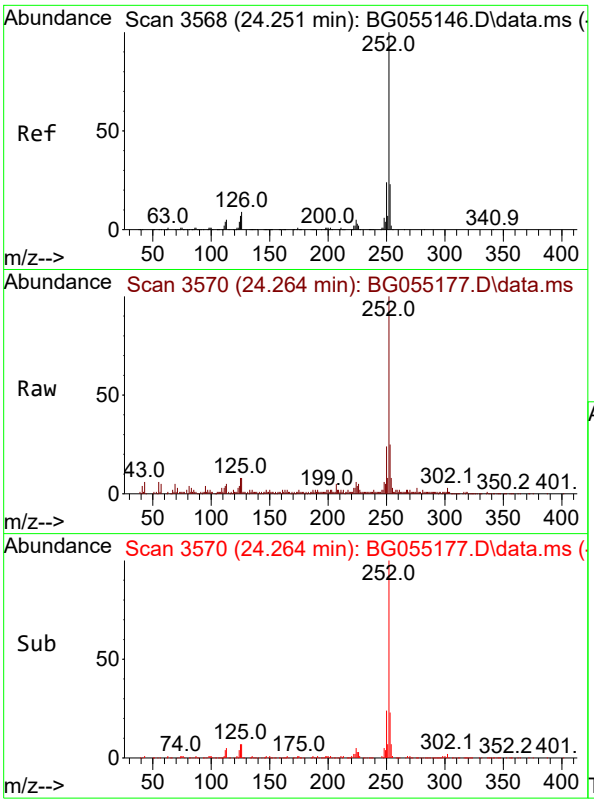


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.395 ng
RT: 29.300 min Scan# 4427
Delta R.T. 0.031 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:276 Resp: 118444

Ion	Ratio	Lower	Upper
276	100		
138	12.0	13.4	20.0#
277	25.0	20.5	30.7



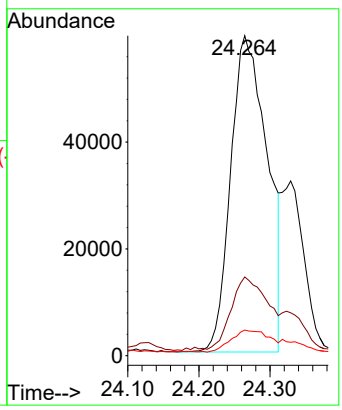


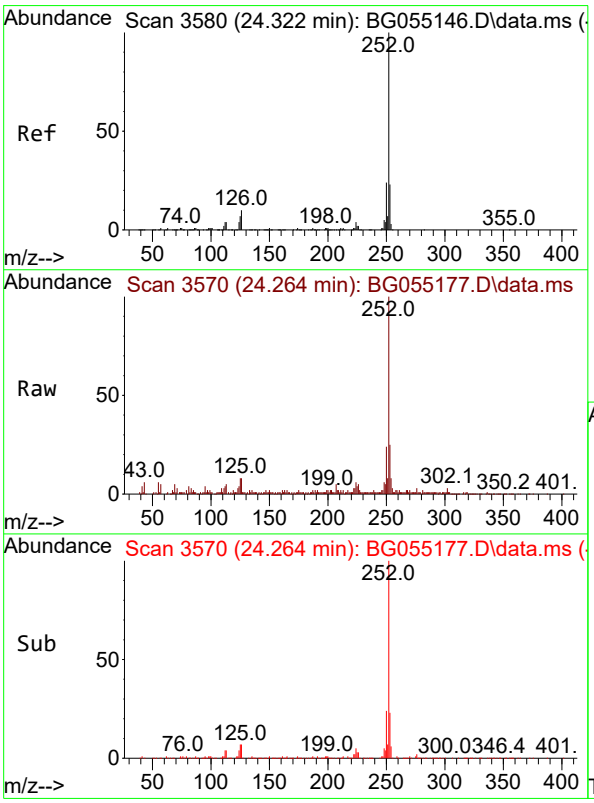
#88
Benzo(b)fluoranthene
Concen: 14.203 ng
RT: 24.264 min Scan# 3
Delta R.T. 0.013 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:252 Resp: 211675

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	8.0	5.7	8.5

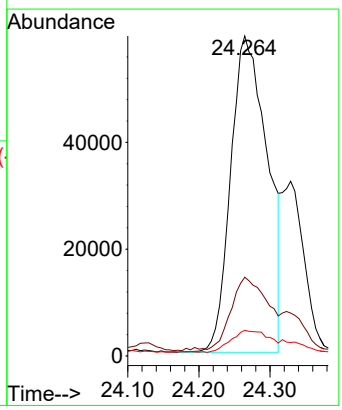


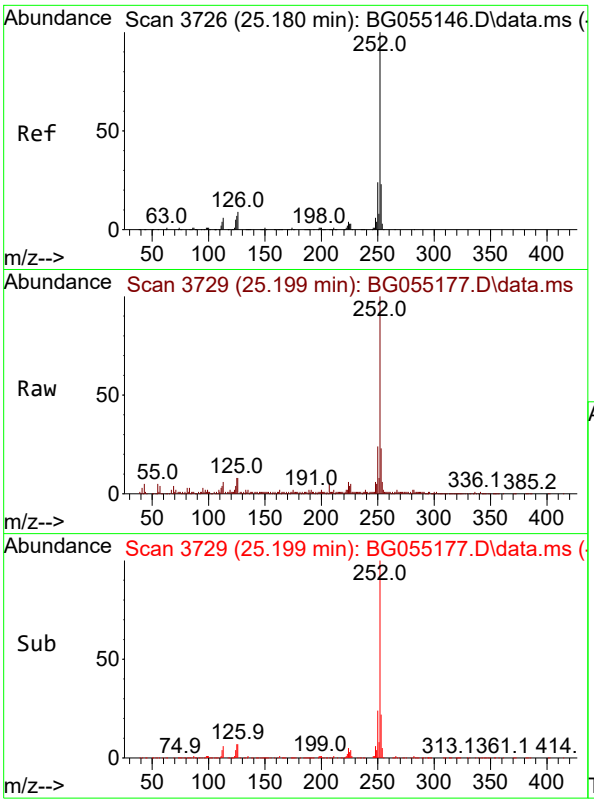


#89
Benzo(k)fluoranthene
Concen: 14.137 ng
RT: 24.264 min Scan# 3570
Delta R.T. -0.057 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:252 Resp: 211675

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	8.0	5.8	8.6



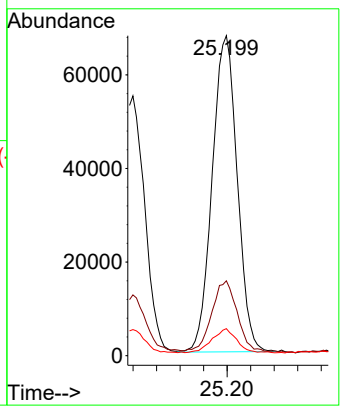


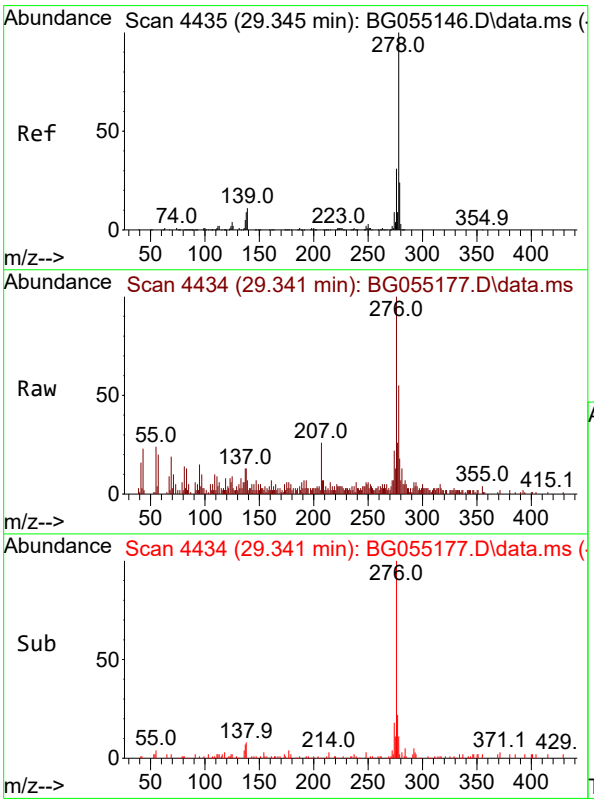
#90
Benzo(a)pyrene
Concen: 15.679 ng
RT: 25.199 min Scan# 3
Delta R.T. 0.019 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:252 Resp: 199815

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	8.4	5.8	8.8

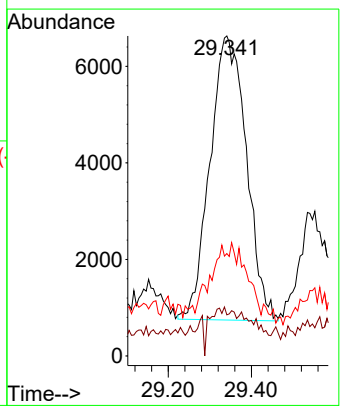


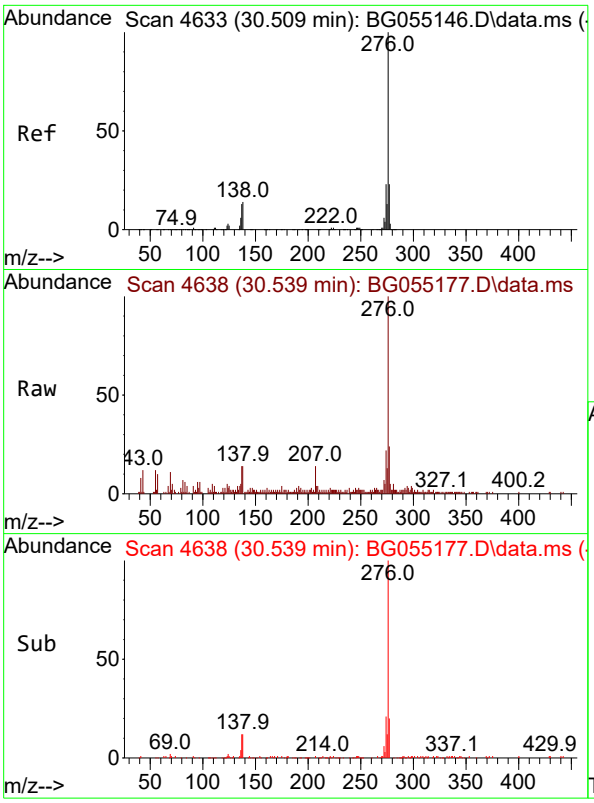


#91
Dibenzo(a,h)anthracene
Concen: 2.335 ng
RT: 29.341 min Scan# 4434
Delta R.T. -0.005 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Tgt Ion:278 Resp: 35795

Ion	Ratio	Lower	Upper
278	100		
139	16.0	8.4	12.6#
279	32.0	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 9.054 ng
RT: 30.539 min Scan# 4
Delta R.T. 0.031 min
Lab File: BG055177.D
Acq: 14 Oct 2022 14:11

Instrument :
BNA_G
ClientSampleId :
OK-2-101122RE

Tgt Ion:276 Resp: 135939

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	13.7	11.2	16.8