Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055865.D
Acq On : 1 Dec 2022 21:25
Operator : CG/JU
Sample : N5801-01DL 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Quant Time: Dec 02 04:12:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.209	152	51263	20.000	ng	0.00
21) Naphthalene-d8	11.035	136	203001	20.000	ng	0.00
39) Acenaphthene-d10	14.837	164	137090	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	294050	20.000	ng	0.00
76) Chrysene-d12	21.870	240	280044	20.000	ng	0.00
86) Perylene-d12	25.254	264	304375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	5794	2.043	ng	0.00
7) Phenol-d6	7.363	99	6966	1.845	ng	0.00
23) Nitrobenzene-d5	9.384	82	4634	1.207	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	3302	1.711	ng	0.00
45) 2-Fluorobiphenyl	13.456	172	11974	1.309	ng	0.00
79) Terphenyl-d14	20.160	244	19180	1.370	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.837	165	18435	8.250	ng	# 27
71) Phenanthrene	17.622	178	111107	7.002	ng	98
72) Anthracene	17.710	178	32169	2.086	ng	97
75) Fluoranthene	19.619	202	393556	20.386	ng	99
78) Pyrene	19.978	202	357557	18.863	ng	99
81) Benzo(a)anthracene	21.846	228	259688	13.463	ng	99
83) Chrysene	21.917	228	225711	12.292	ng	98
87) Indeno(1,2,3-cd)pyrene	29.149	276	113299	4.544	ng	95
88) Benzo(b)fluoranthene	24.173	252	326519	16.472	ng	97
89) Benzo(k)fluoranthene	24.173	252	326519	16.525	ng	96
90) Benzo(a)pyrene	25.095	252	238740	14.035	ng	97
92) Benzo(g,h,i)perylene	30.383	276	99468	4.843	ng	93

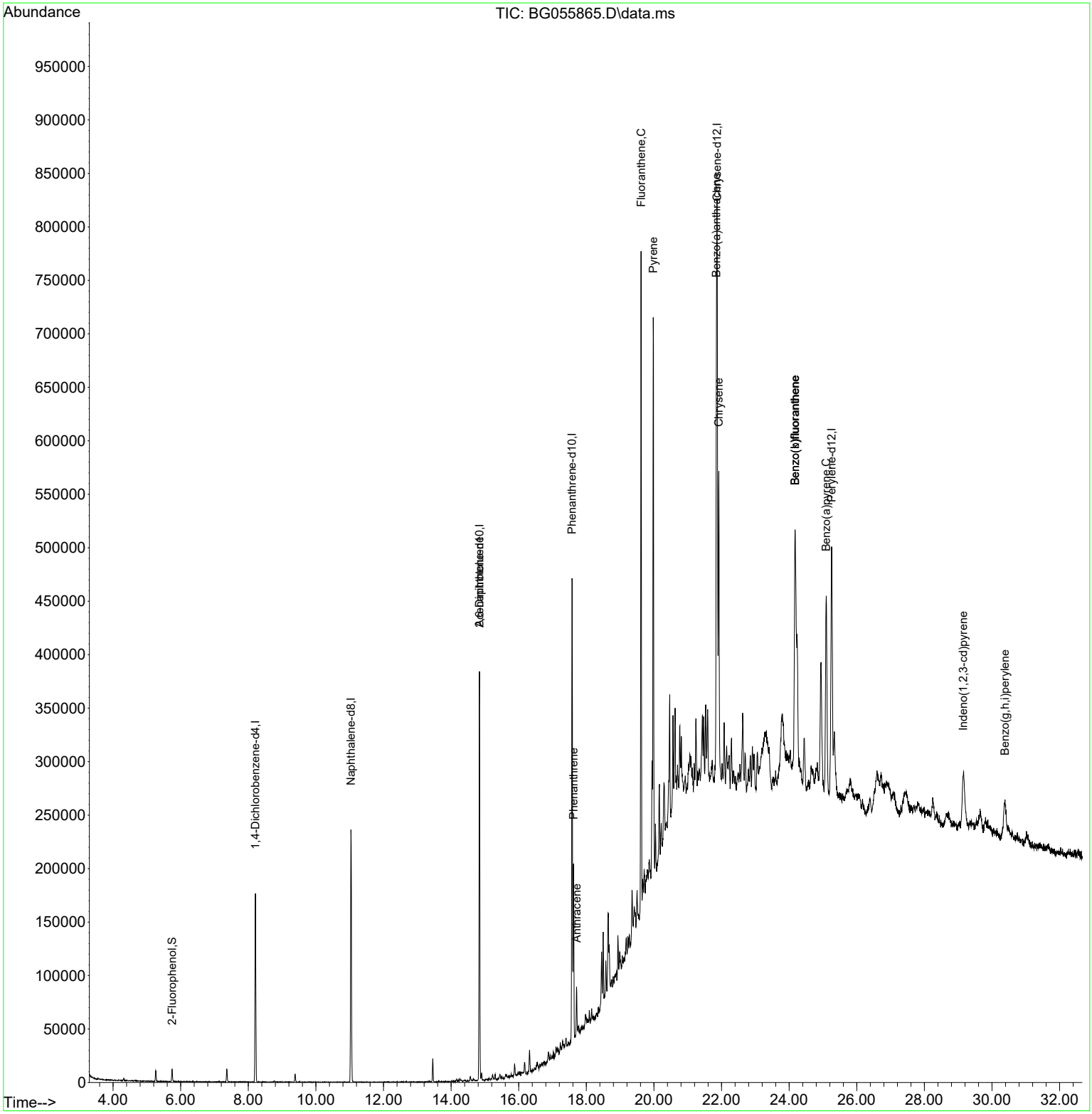
(#) = qualifier out of range (m) = manual integration (+) = signals summed

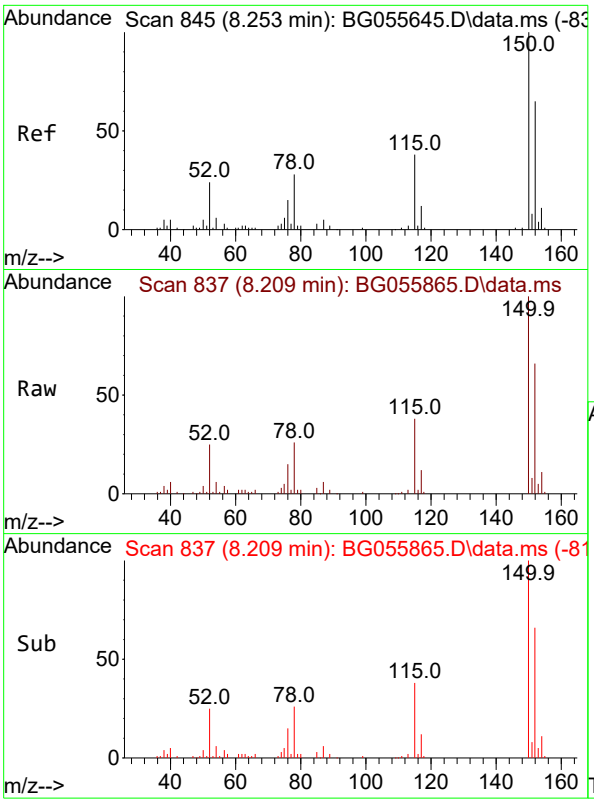
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055865.D
Acq On : 1 Dec 2022 21:25
Operator : CG/JU
Sample : N5801-01DL 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Quant Time: Dec 02 04:12:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration



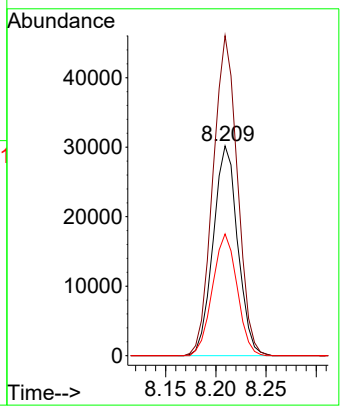


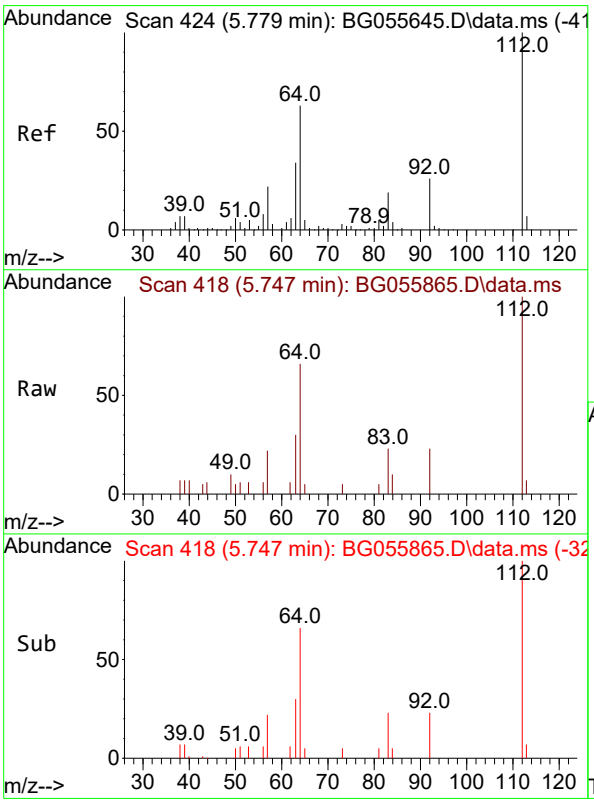
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 8
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:152 Resp: 51263

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.6
115	58.1	47.0	70.4

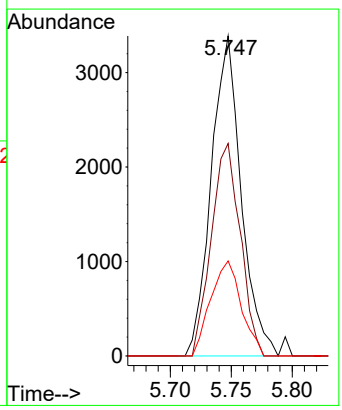


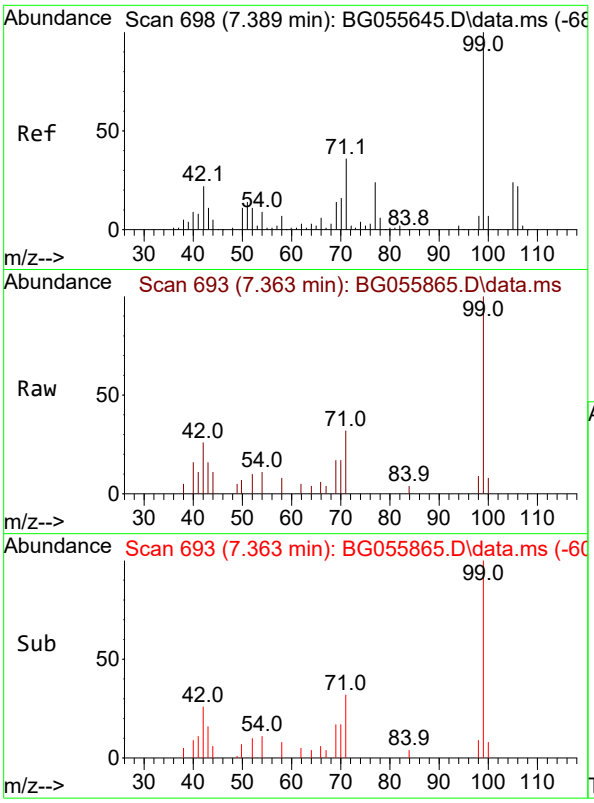


#5
2-Fluorophenol
Concen: 2.043 ng
RT: 5.747 min Scan# 418
Delta R.T. 0.010 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:112 Resp: 5794

Ion	Ratio	Lower	Upper
112	100		
64	66.4	50.6	76.0
63	29.7	27.5	41.3



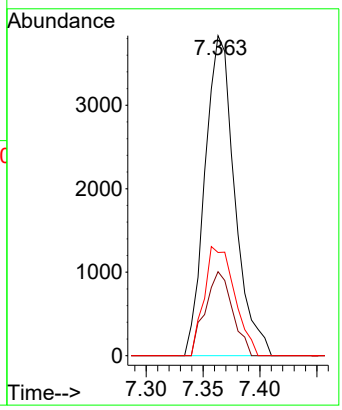


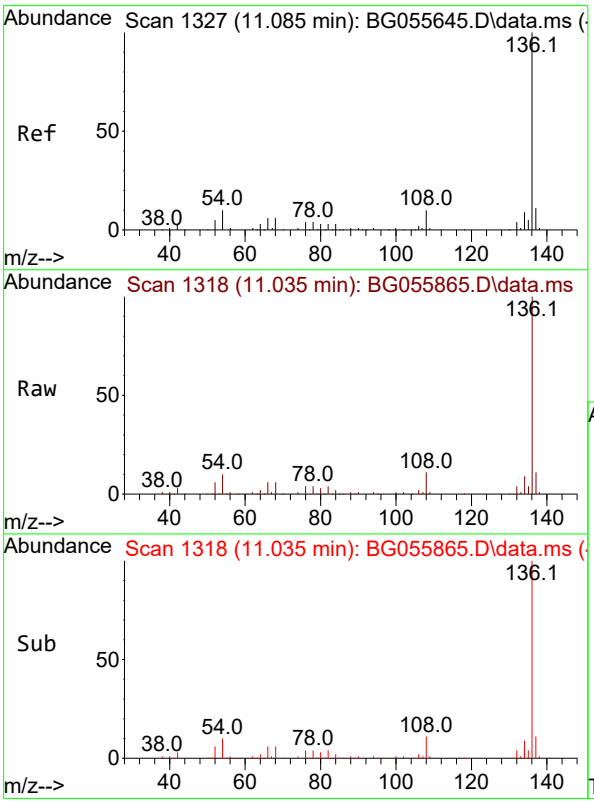
#7
Phenol-d6
Concen: 1.845 ng
RT: 7.363 min Scan# 6
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion: 99 Resp: 6966

Ion	Ratio	Lower	Upper
99	100		
42	26.3	18.0	27.0
71	32.2	29.0	43.6

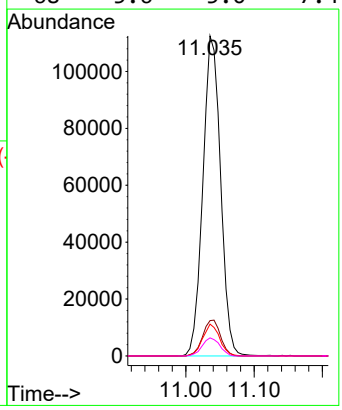


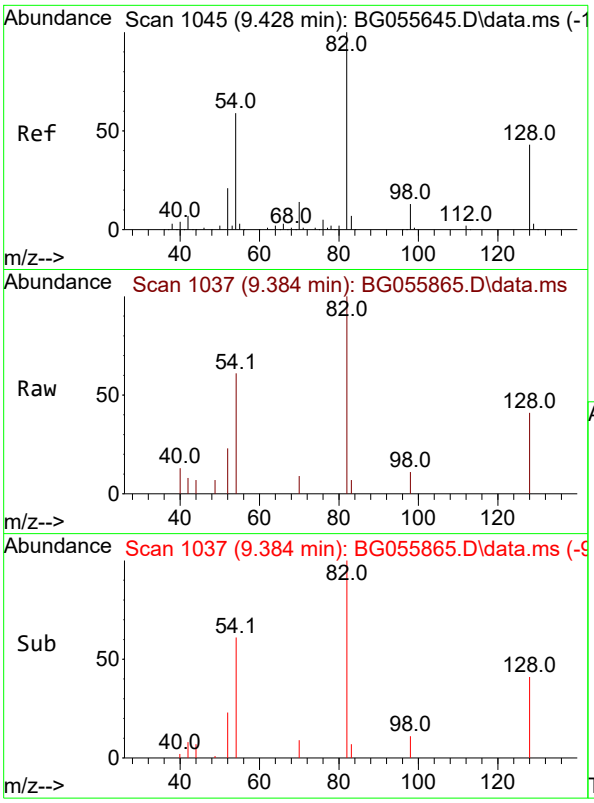


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1318
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:136 Resp: 203001

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.9	7.8	11.6
68	5.6	5.0	7.4



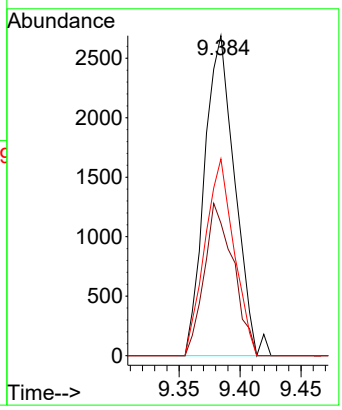


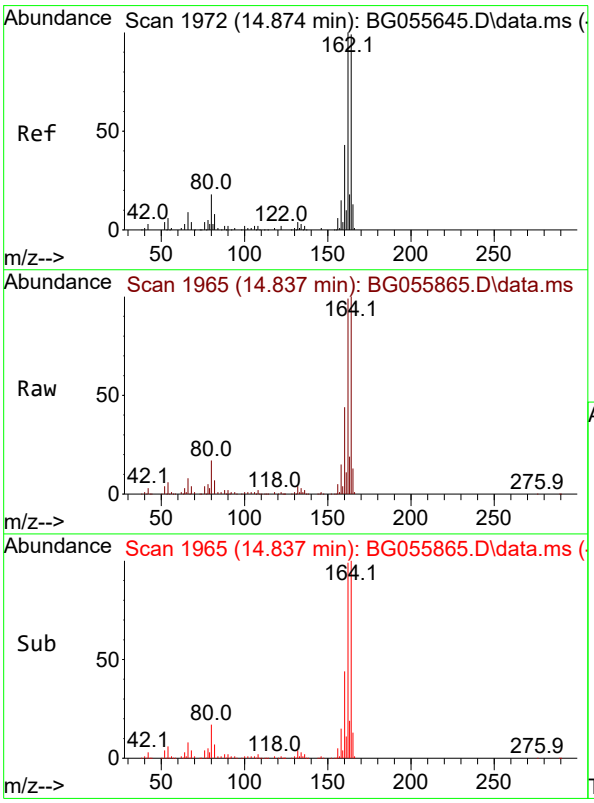
#23
Nitrobenzene-d5
Concen: 1.207 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion: 82 Resp: 4634

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.1	51.1
54	61.5	47.3	70.9

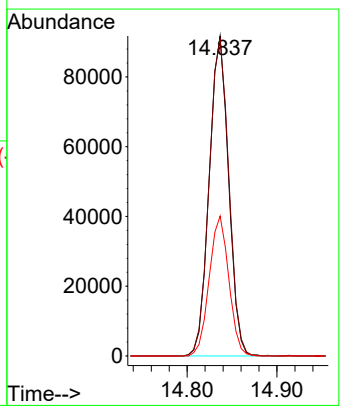


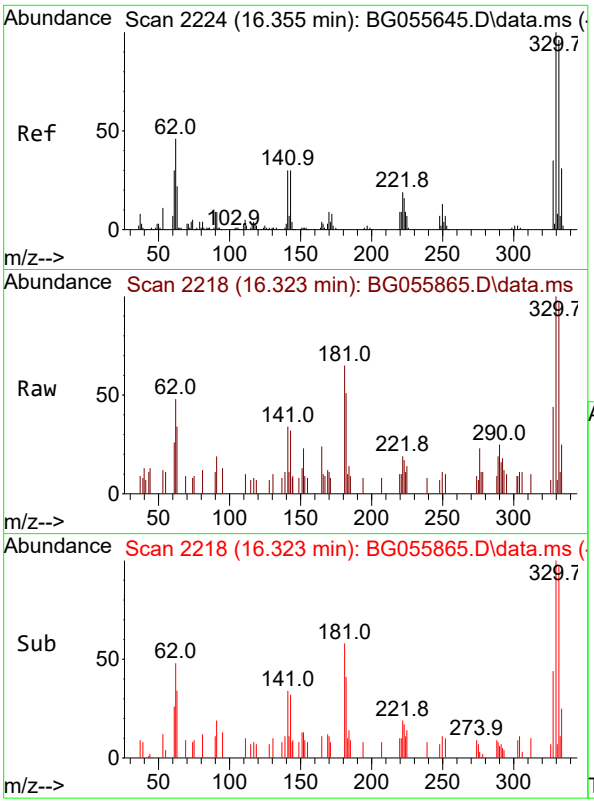


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.837 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:164 Resp: 137090

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.1	121.7
160	43.7	34.8	52.2



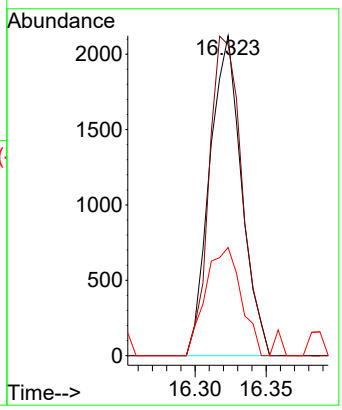


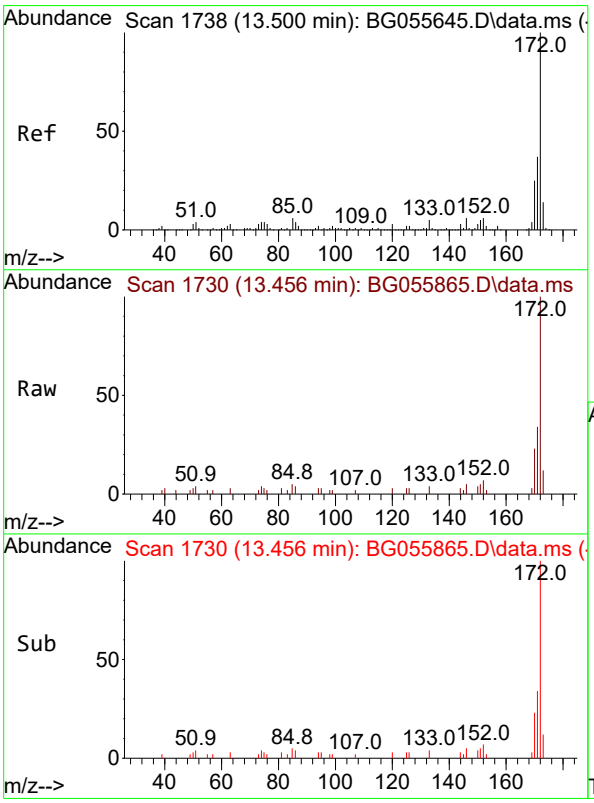
#42
2,4,6-Tribromophenol
Concen: 1.711 ng
RT: 16.323 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:330 Resp: 3302

Ion	Ratio	Lower	Upper
330	100		
332	102.4	77.8	116.8
141	38.0	23.9	35.9#

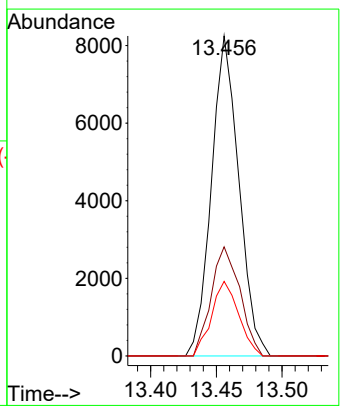


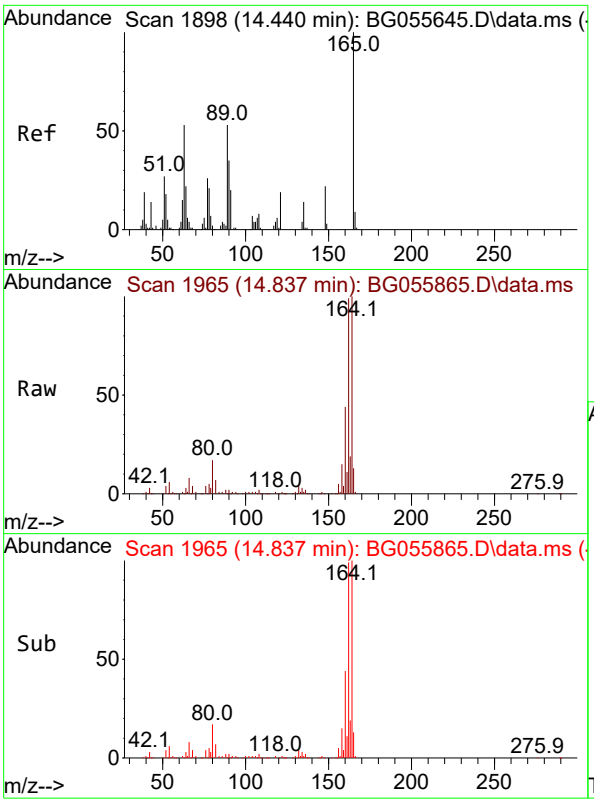


#45
2-Fluorobiphenyl
Concen: 1.309 ng
RT: 13.456 min Scan# 1730
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:172 Resp: 11974

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.8	44.6
170	23.3	20.2	30.4



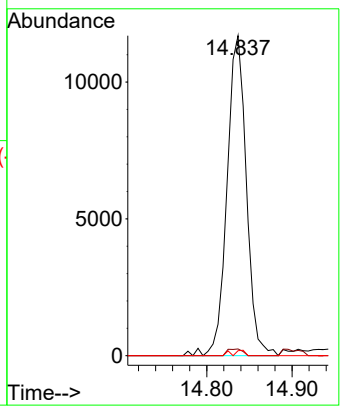


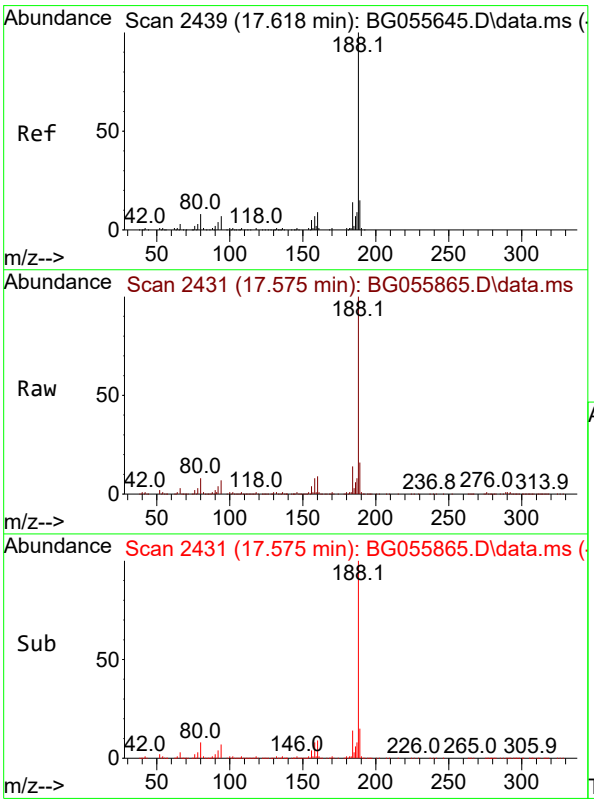
#51
2,6-Dinitrotoluene
Concen: 8.250 ng
RT: 14.837 min Scan# 1
Delta R.T. 0.427 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:165 Resp: 18435

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.6	66.8#
89	1.6	42.2	63.4#

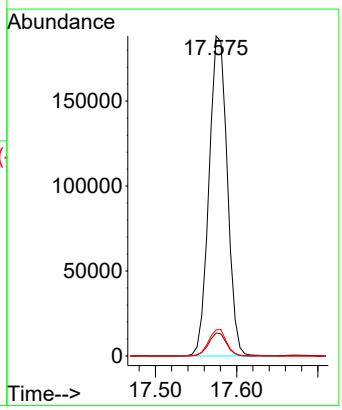


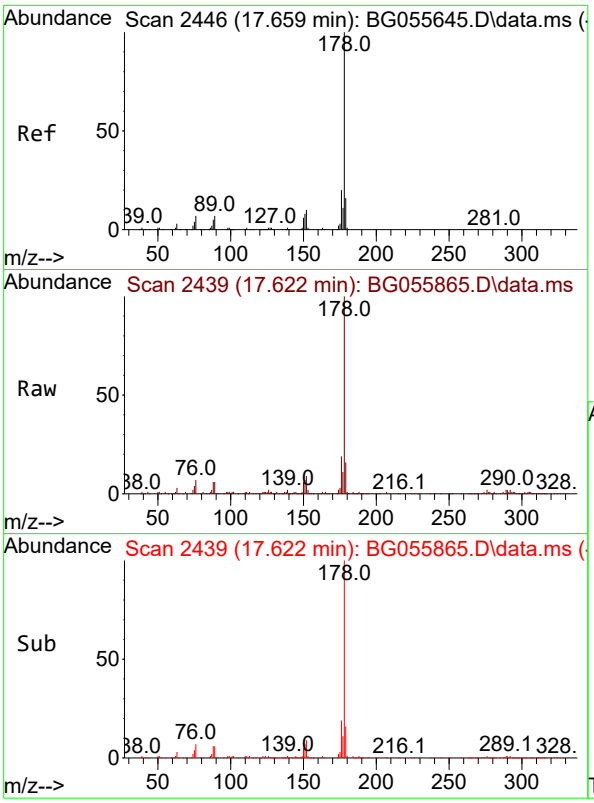


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.575 min Scan# 2431
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:188 Resp: 294050

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	8.2	6.6	10.0



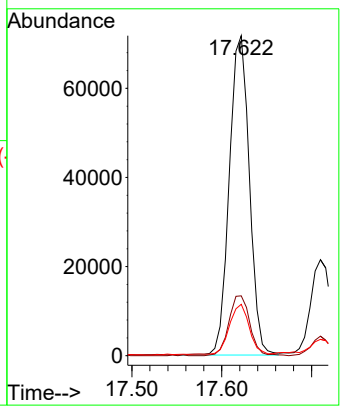


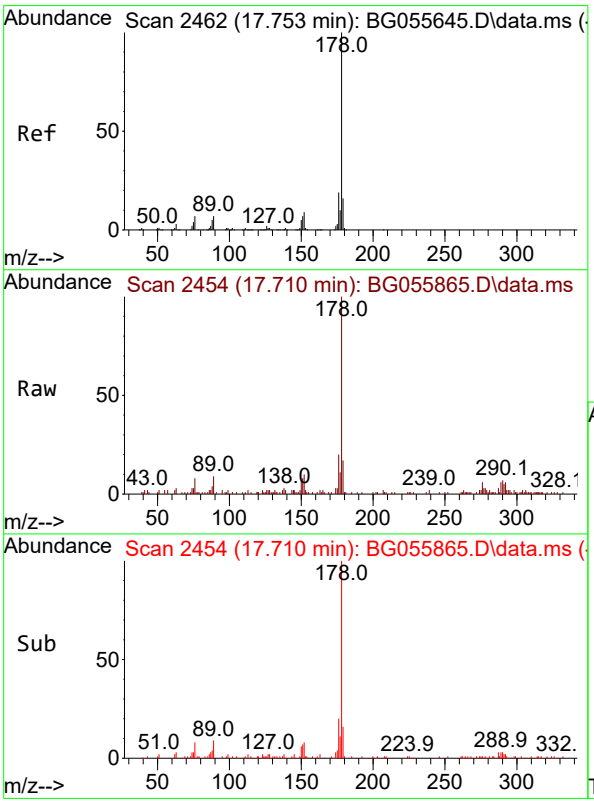
#71
Phenanthrene
Concen: 7.002 ng
RT: 17.622 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:178 Resp: 111107

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	16.0	12.7	19.1

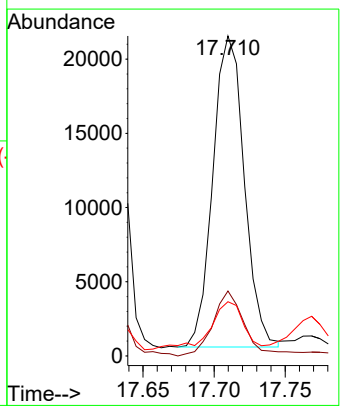


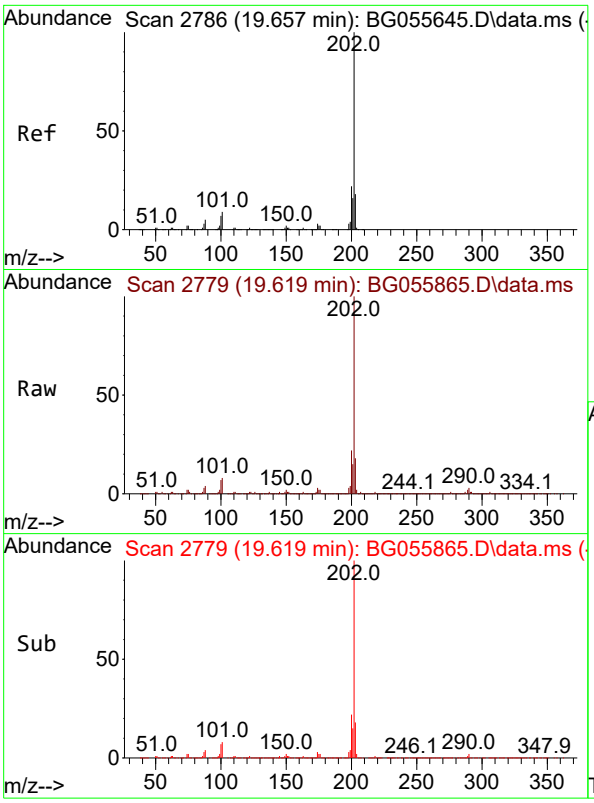


#72
Anthracene
Concen: 2.086 ng
RT: 17.710 min Scan# 2454
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:178 Resp: 32169

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	17.0	12.5	18.7



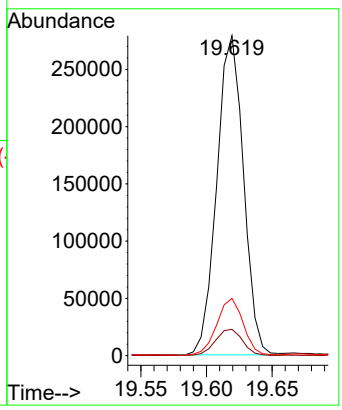


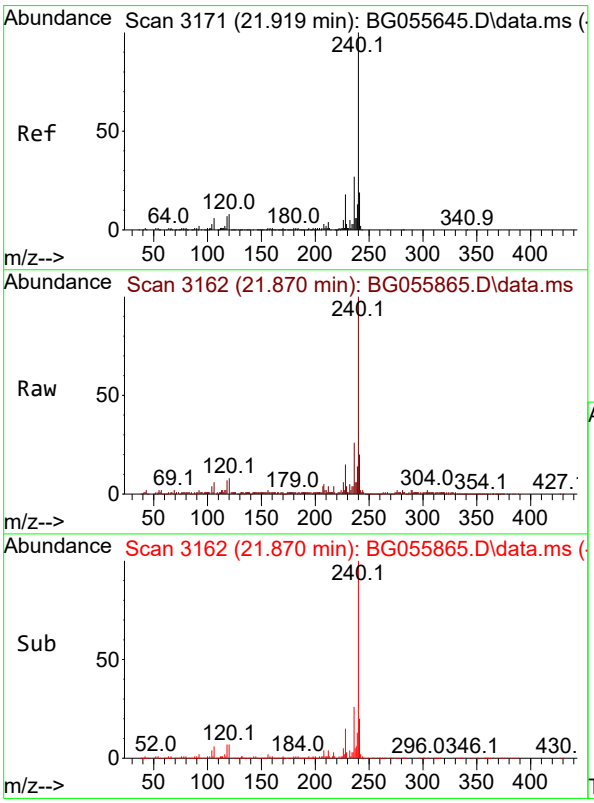
#75
Fluoranthene
Concen: 20.386 ng
RT: 19.619 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:202 Resp: 393556

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.8
203	17.9	0.0	38.1

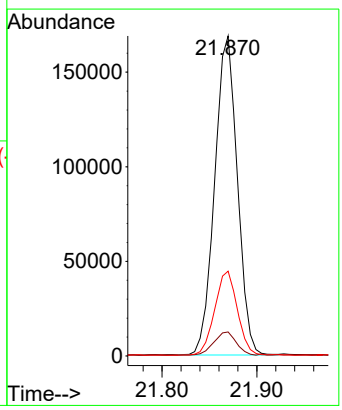


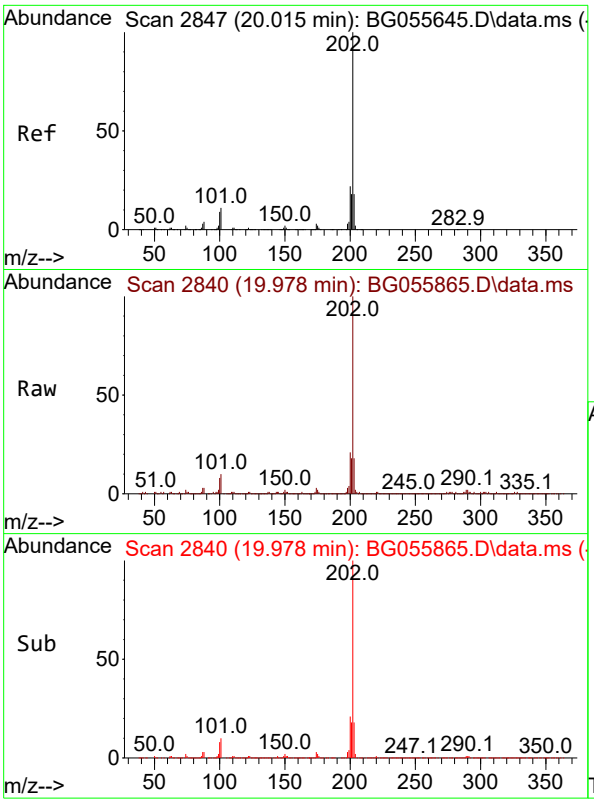


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.870 min Scan# 3162
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:240 Resp: 280044

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.3	9.5
236	26.5	21.9	32.9



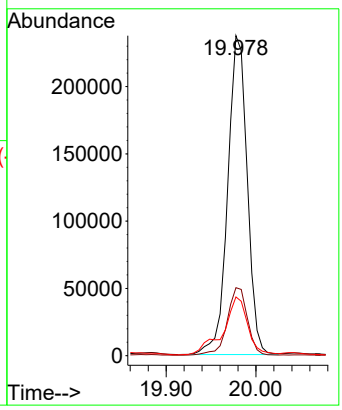


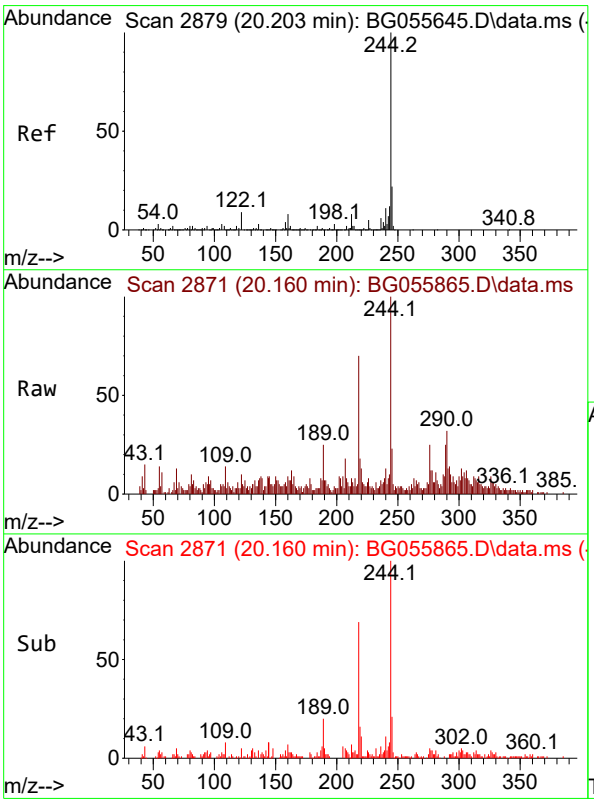
#78
Pyrene
Concen: 18.863 ng
RT: 19.978 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:202 Resp: 357557

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.3	14.4	21.6

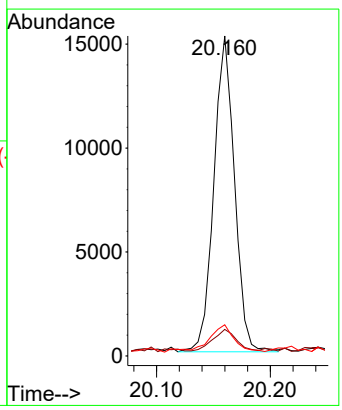


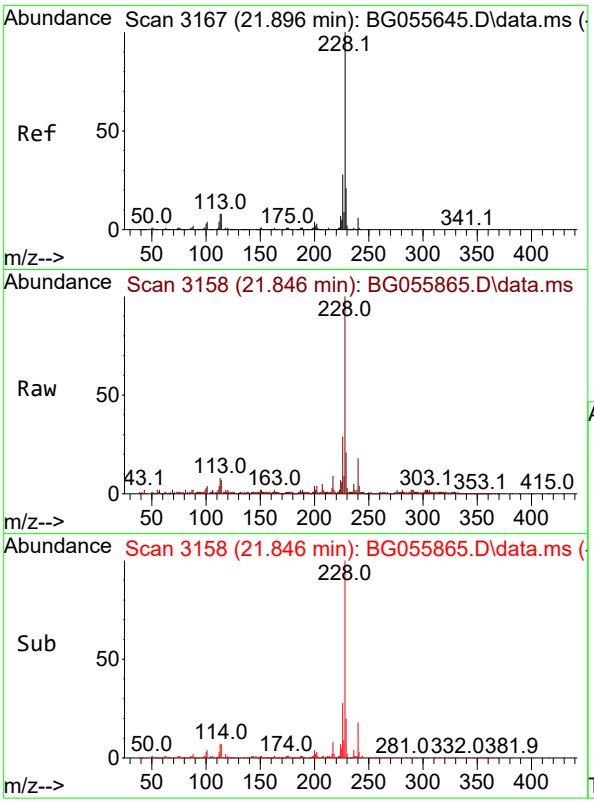


#79
Terphenyl-d14
Concen: 1.370 ng
RT: 20.160 min Scan# 2871
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:244 Resp: 19180

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	9.7	6.9	10.3



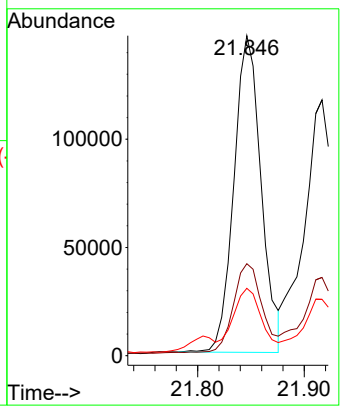


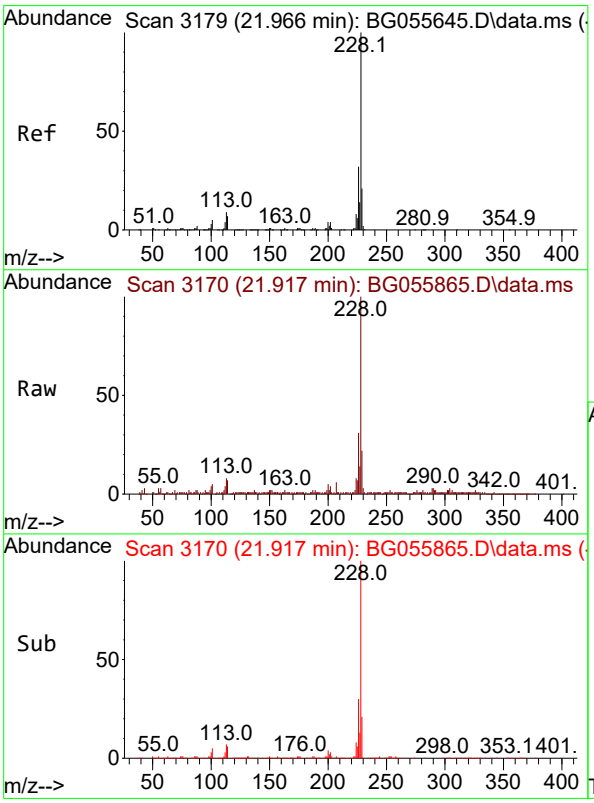
#81
Benzo(a)anthracene
Concen: 13.463 ng
RT: 21.846 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:228 Resp: 259688

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.1	16.5	24.7

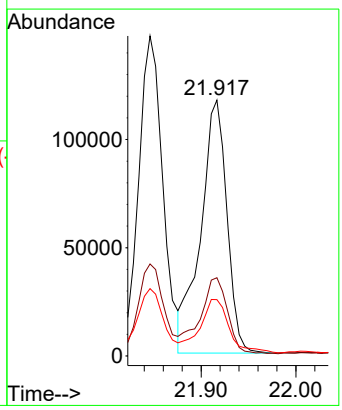


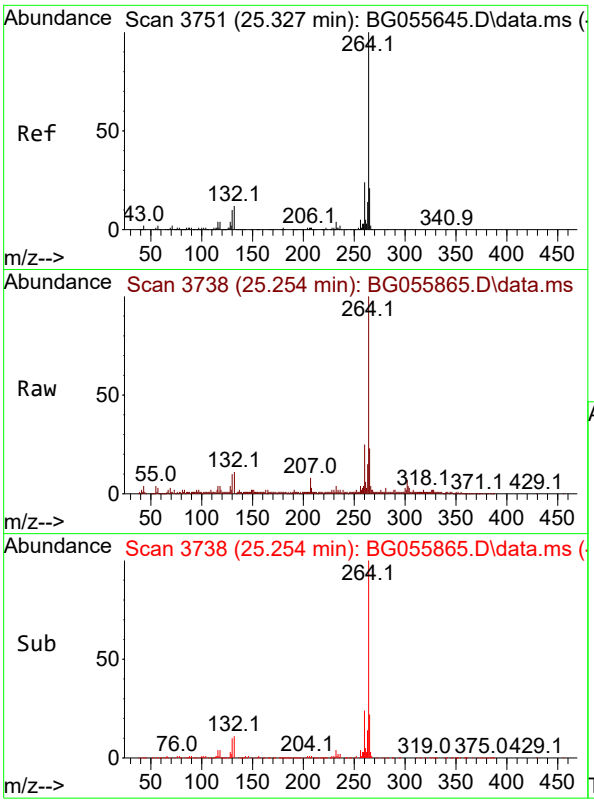


#83
Chrysene
Concen: 12.292 ng
RT: 21.917 min Scan# 3170
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:228 Resp: 225711

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	22.0	17.1	25.7



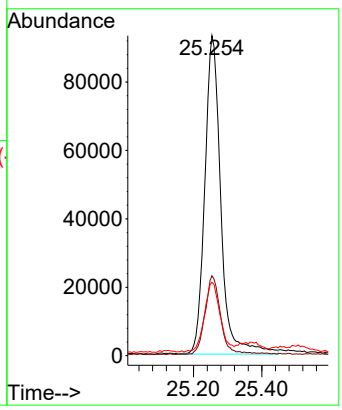


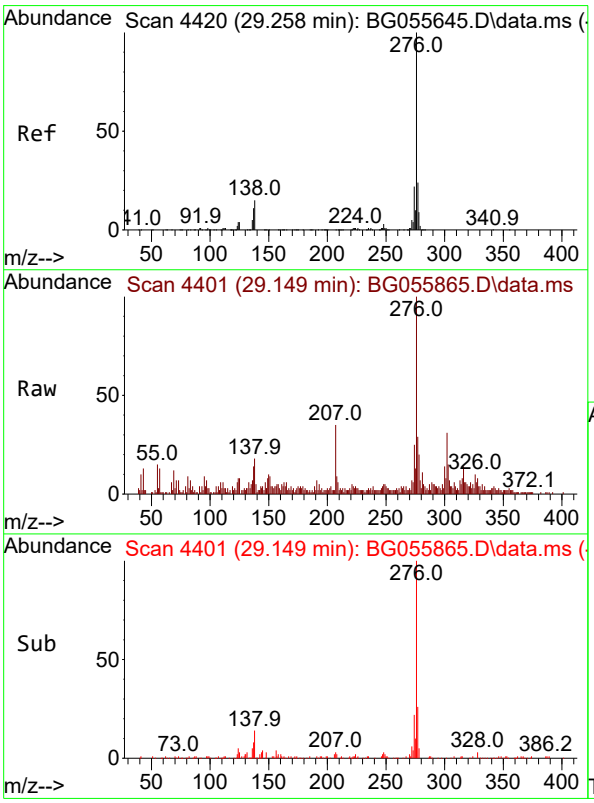
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.254 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:264 Resp: 304375

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.9	17.1	25.7

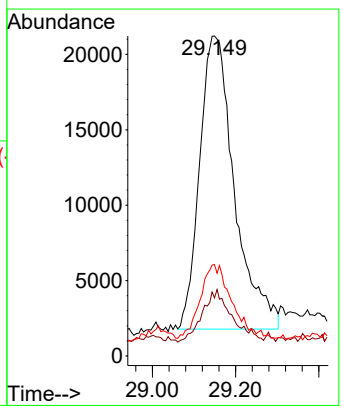


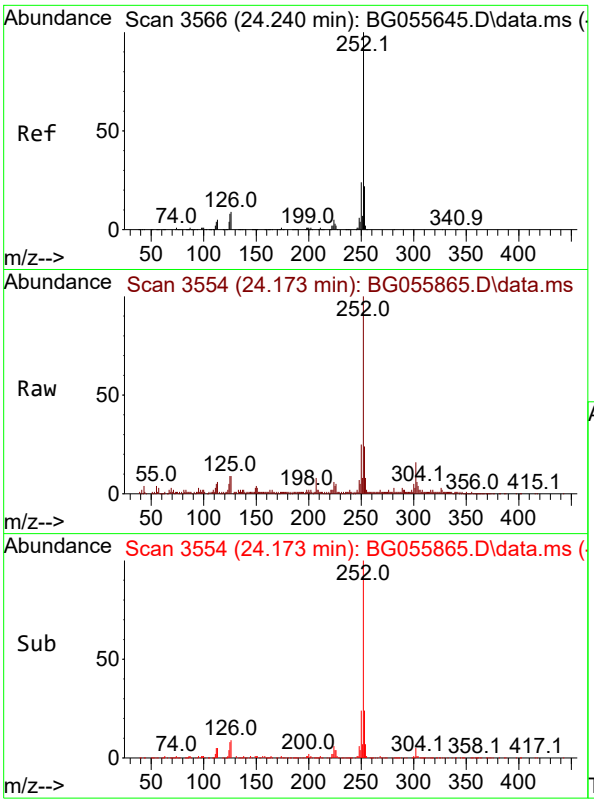


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.544 ng
RT: 29.149 min Scan# 4401
Delta R.T. -0.002 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:276 Resp: 113299

Ion	Ratio	Lower	Upper
276	100		
138	15.1	10.4	15.6
277	23.2	20.2	30.4



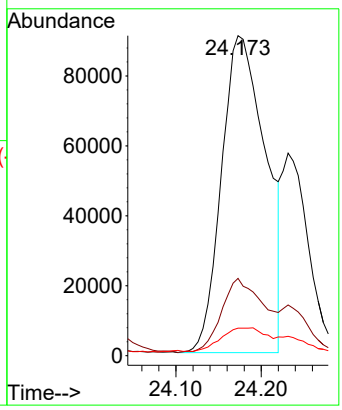


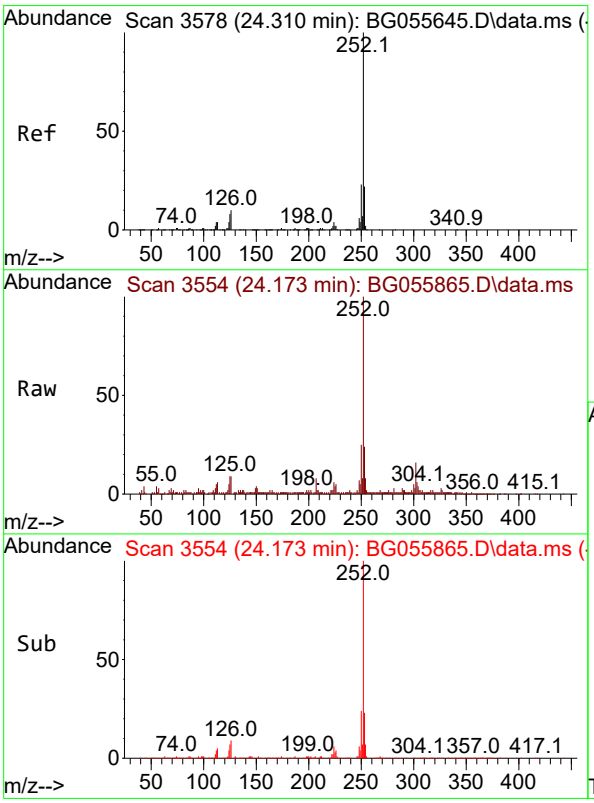
#88
Benzo(b)fluoranthene
Concen: 16.472 ng
RT: 24.173 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:252 Resp: 326519

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	8.6	6.2	9.2

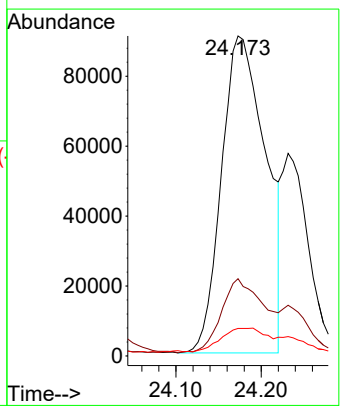


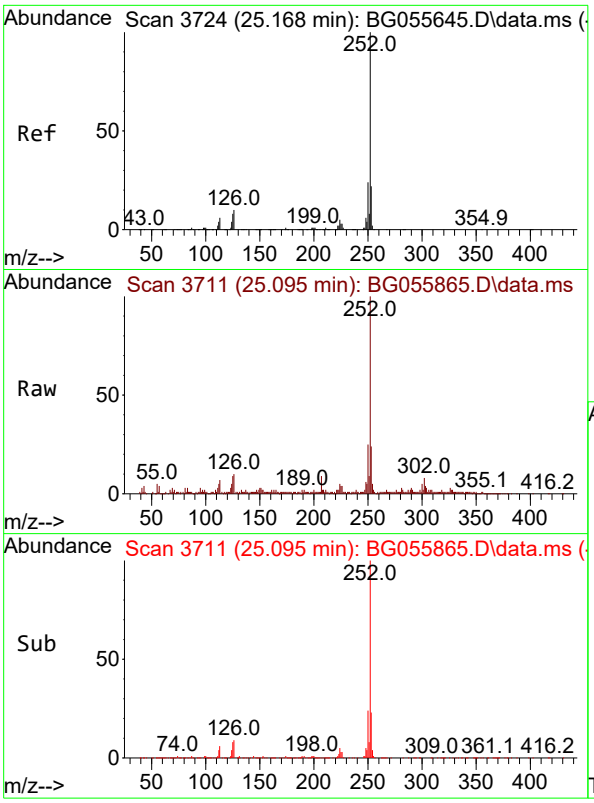


#89
Benzo(k)fluoranthene
Concen: 16.525 ng
RT: 24.173 min Scan# 3554
Delta R.T. -0.067 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:252 Resp: 326519

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	8.6	6.1	9.1



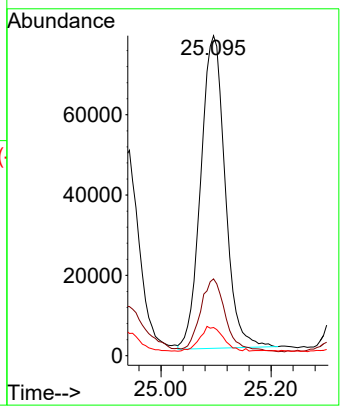


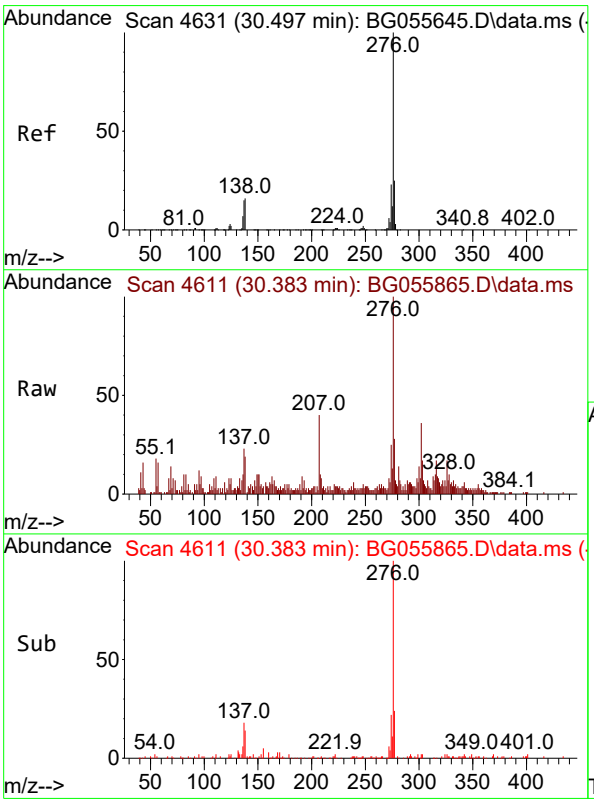
#90
Benzo(a)pyrene
Concen: 14.035 ng
RT: 25.095 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Instrument :
BNA_G
ClientSampleId :
TP-13DL

Tgt Ion:252 Resp: 238740

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.8	6.4	9.6





#92
Benzo(g,h,i)perylene
Concen: 4.843 ng
RT: 30.383 min Scan# 4611
Delta R.T. 0.010 min
Lab File: BG055865.D
Acq: 1 Dec 2022 21:25

Tgt Ion:276 Resp: 99468

Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.8	29.6
138	18.8	13.1	19.7