Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055897.D
Acq On : 5 Dec 2022 23:16
Operator : CG/JU
Sample : N5872-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Quant Time: Dec 06 04:49:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.176	152	43880	20.000	ng		0.00
21) Naphthalene-d8	11.003	136	180886	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	114797	20.000	ng		0.00
64) Phenanthrene-d10	17.548	188	238938	20.000	ng		0.00
76) Chrysene-d12	21.831	240	226556	20.000	ng		0.00
86) Perylene-d12	25.192	264	223506	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.709	112	241947	99.664	ng		0.00
7) Phenol-d6	7.330	99	311824	96.493	ng		0.00
23) Nitrobenzene-d5	9.346	82	201233	58.800	ng		0.00
42) 2,4,6-Tribromophenol	16.290	330	133102	82.340	ng		0.00
45) 2-Fluorobiphenyl	13.429	172	462849	60.403	ng		0.00
79) Terphenyl-d14	20.133	244	655033	57.829	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.346	70	28038	11.292	ng	#	79
51) 2,6-Dinitrotoluene	14.804	165	16505	8.821	ng	#	27
67) 4-Bromophenyl-phenylether	16.290	248	8413	3.090	ng	#	1
71) Phenanthrene	17.589	178	125326	9.720	ng		99
72) Anthracene	17.677	178	37031	2.956	ng		96
75) Fluoranthene	19.592	202	379014	24.162	ng		100
78) Pyrene	19.951	202	319188	20.814	ng		99
81) Benzo(a)anthracene	21.813	228	140790	9.023	ng		99
83) Chrysene	21.878	228	123566	8.318	ng		98
88) Benzo(b)fluoranthene	24.122	252	124285	8.538	ng	#	90
89) Benzo(k)fluoranthene	24.122	252	124285	8.566	ng	#	89
90) Benzo(a)pyrene	25.033	252	83090	6.652	ng	#	89

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

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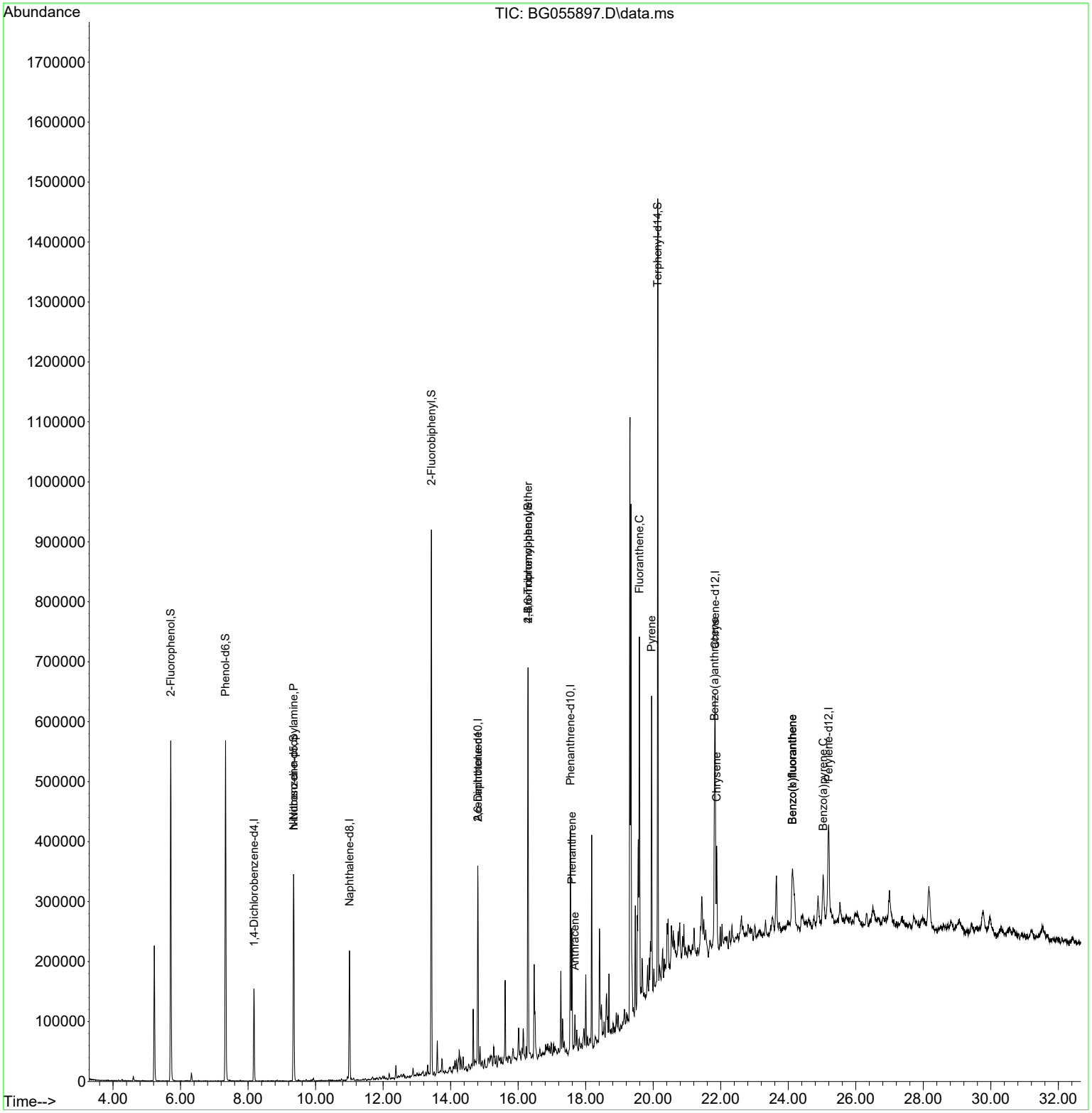
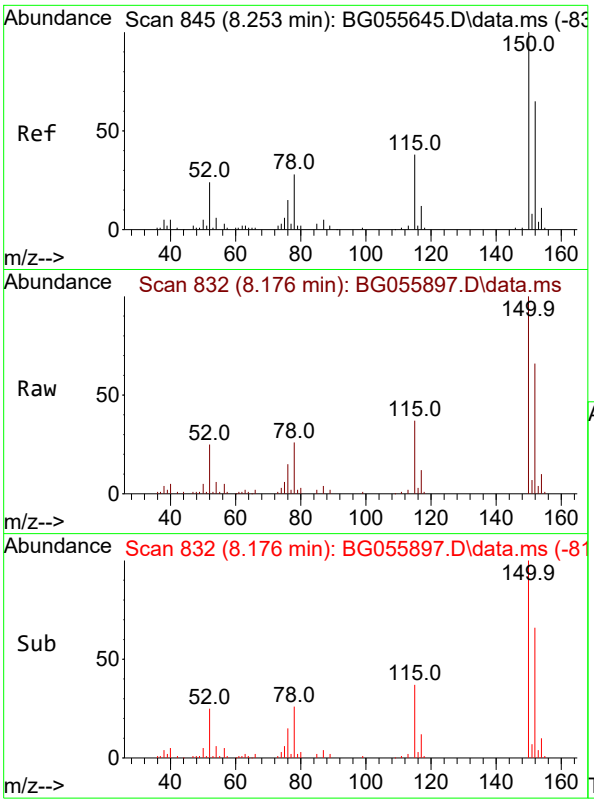
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration



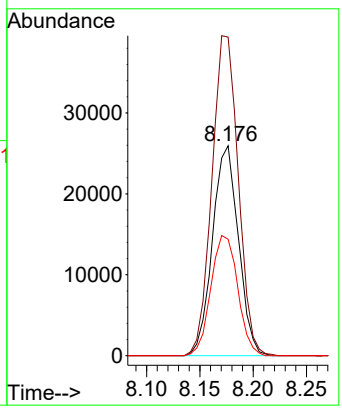


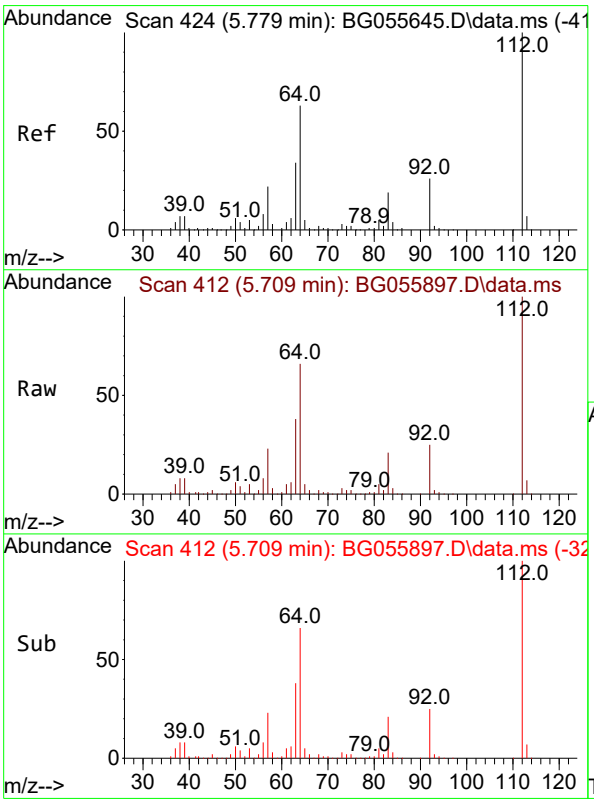
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.176 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:152 Resp: 43880

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.0	184.6
115	55.4	47.0	70.4

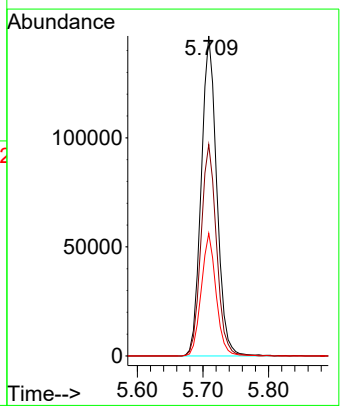


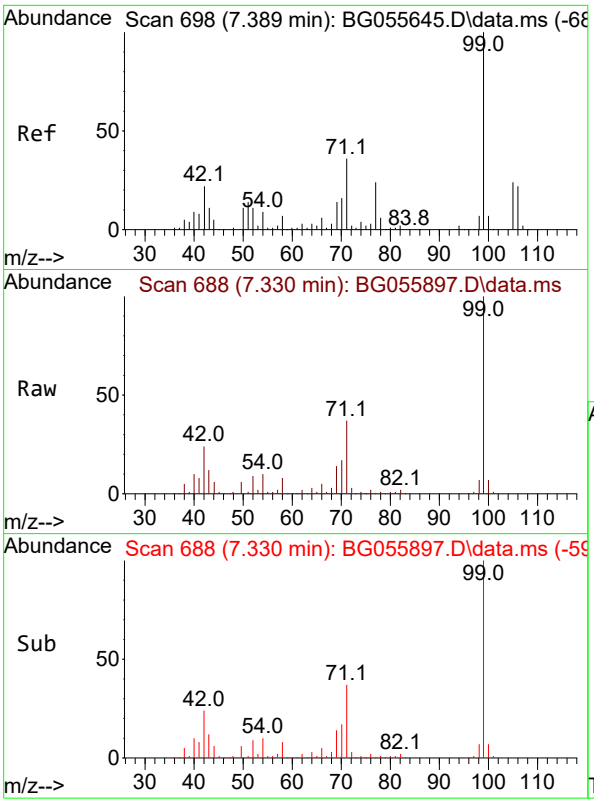


#5
2-Fluorophenol
Concen: 99.664 ng
RT: 5.709 min Scan# 412
Delta R.T. 0.007 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:112 Resp: 241947

Ion	Ratio	Lower	Upper
112	100		
64	66.0	50.6	76.0
63	38.3	27.5	41.3



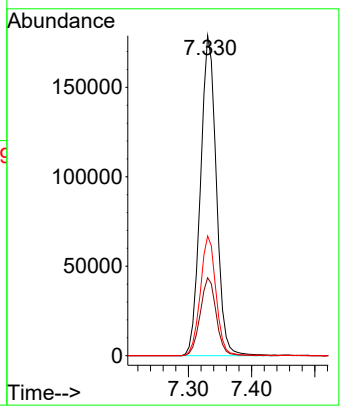


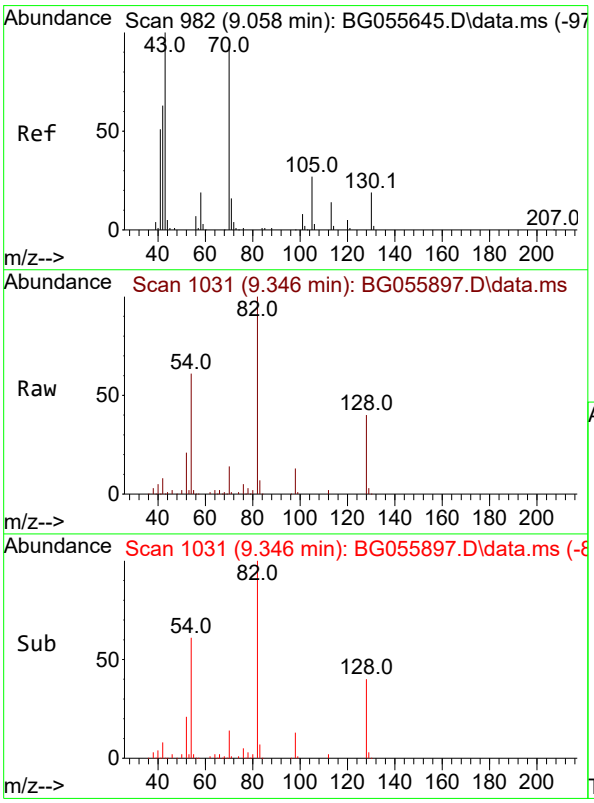
#7
Phenol-d6
Concen: 96.493 ng
RT: 7.330 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion: 99 Resp: 311824

Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.0	27.0
71	37.4	29.0	43.6

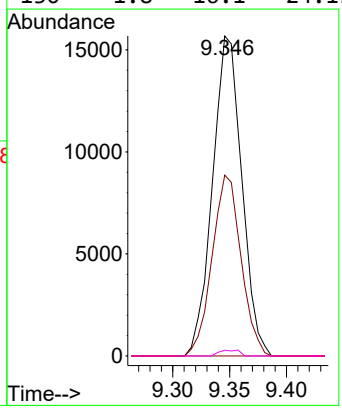


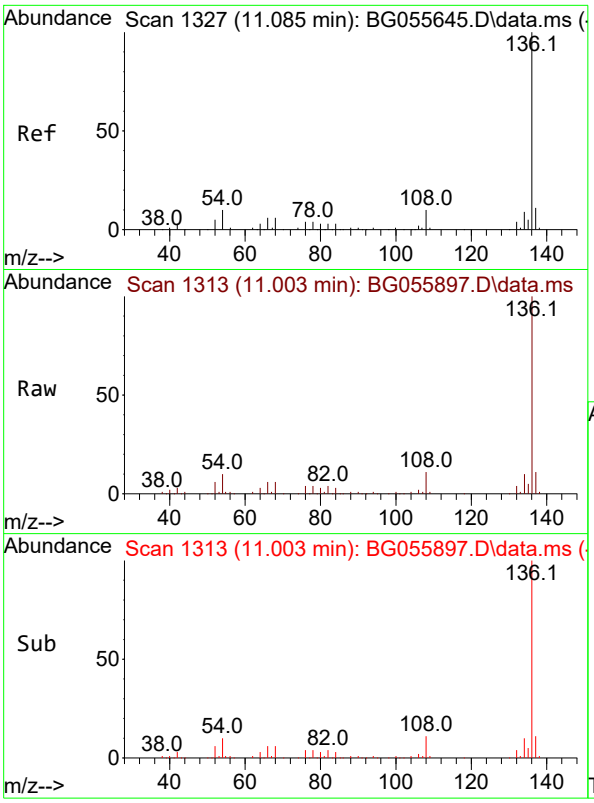


#19
n-Nitroso-di-n-propylamine
Concen: 11.292 ng
RT: 9.346 min Scan# 1031
Delta R.T. 0.365 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion: 70 Resp: 28038

Ion	Ratio	Lower	Upper
70	100		
42	56.5	55.2	82.8
101	0.0	7.1	10.7#
130	1.8	16.1	24.1#



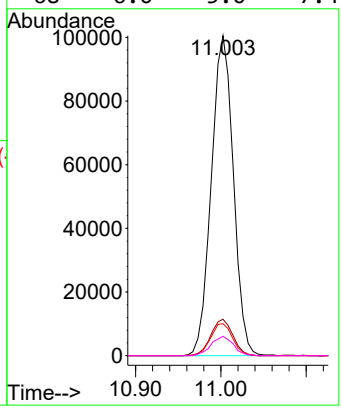


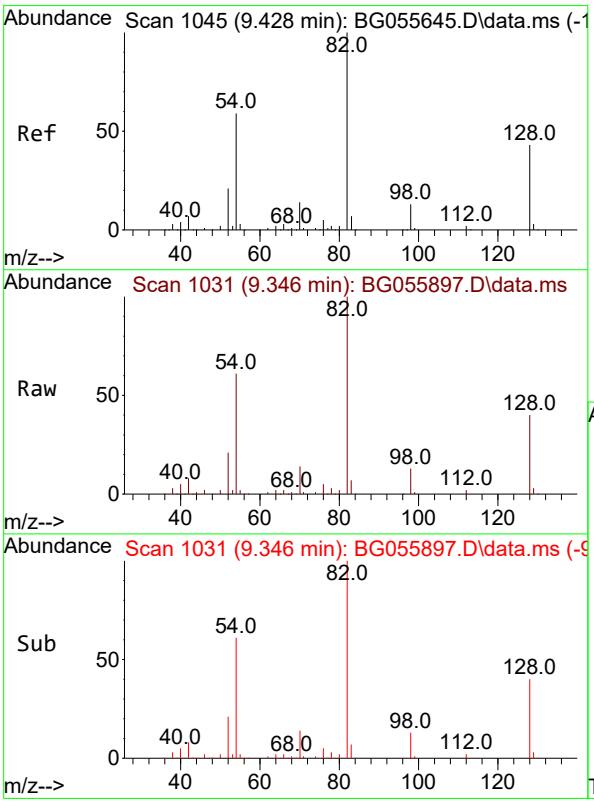
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.003 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:136 Resp: 180886

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.0	7.8	11.6
68	6.0	5.0	7.4

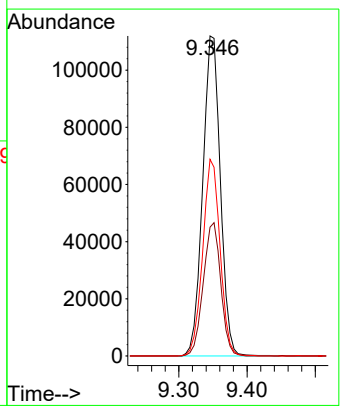


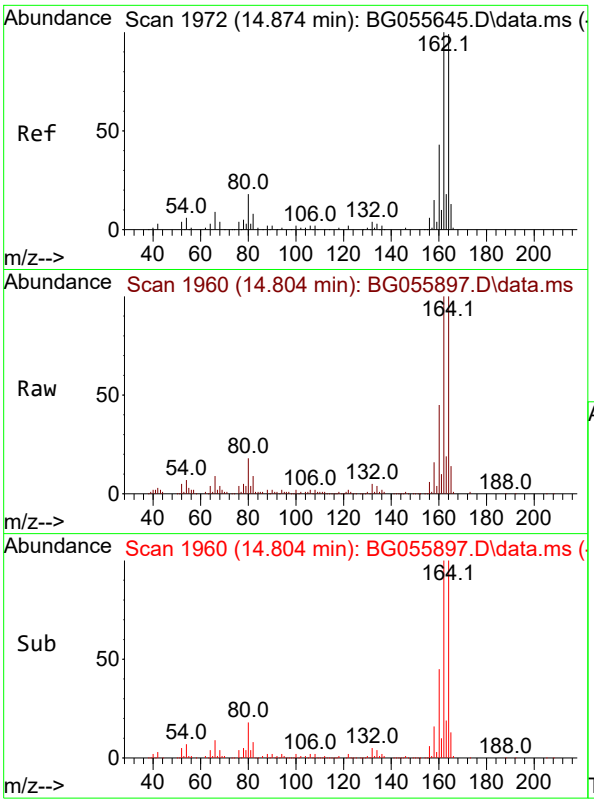


#23
Nitrobenzene-d5
Concen: 58.800 ng
RT: 9.346 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion: 82 Resp: 201233

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.1	51.1
54	61.4	47.3	70.9



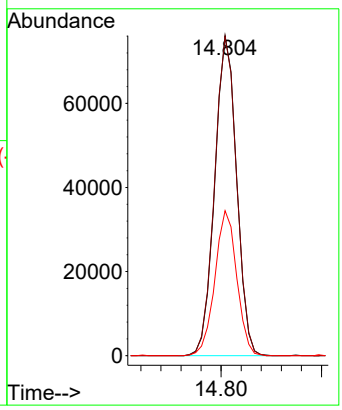


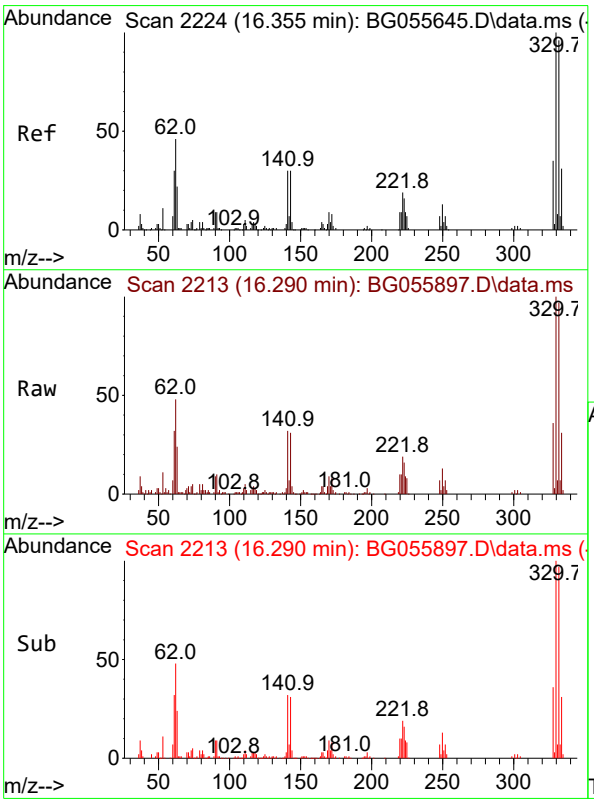
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:164 Resp: 114797

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.1	121.7
160	45.3	34.8	52.2

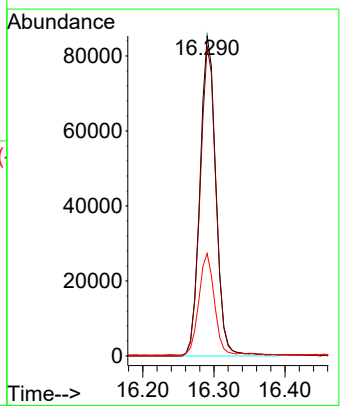


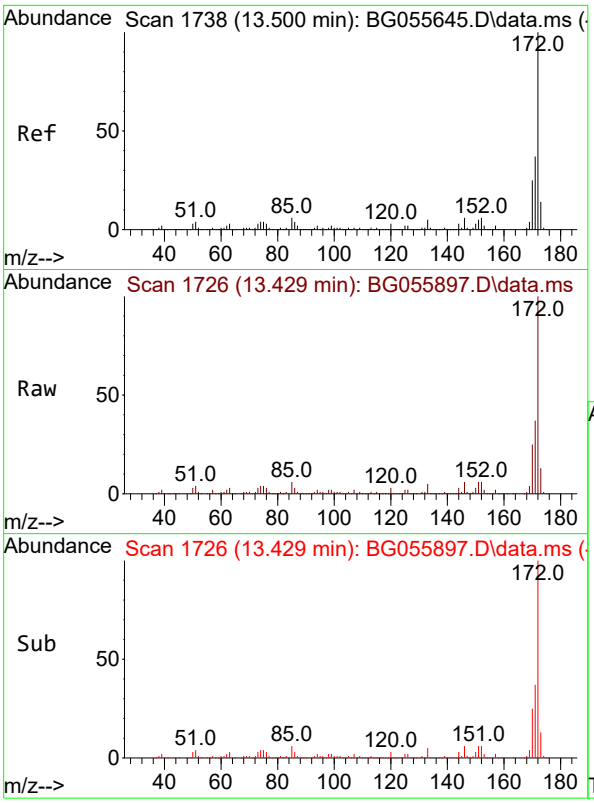


#42
2,4,6-Tribromophenol
Concen: 82.340 ng
RT: 16.290 min Scan# 2213
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:330 Resp: 133102

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	31.2	23.9	35.9



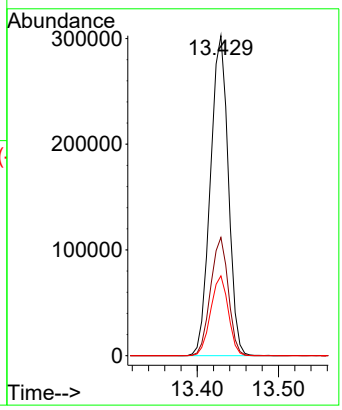


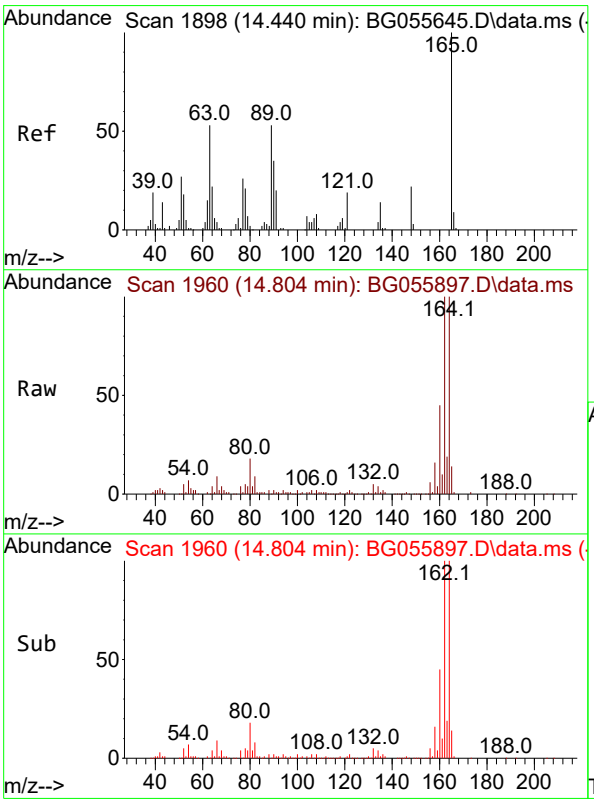
#45
2-Fluorobiphenyl
Concen: 60.403 ng
RT: 13.429 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:172 Resp: 462849

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.9	20.2	30.4

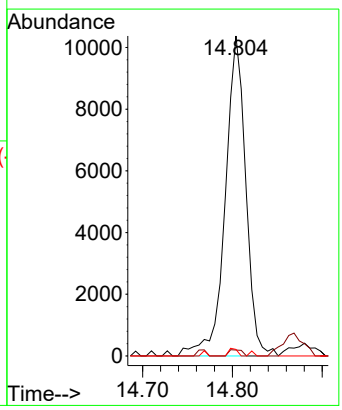


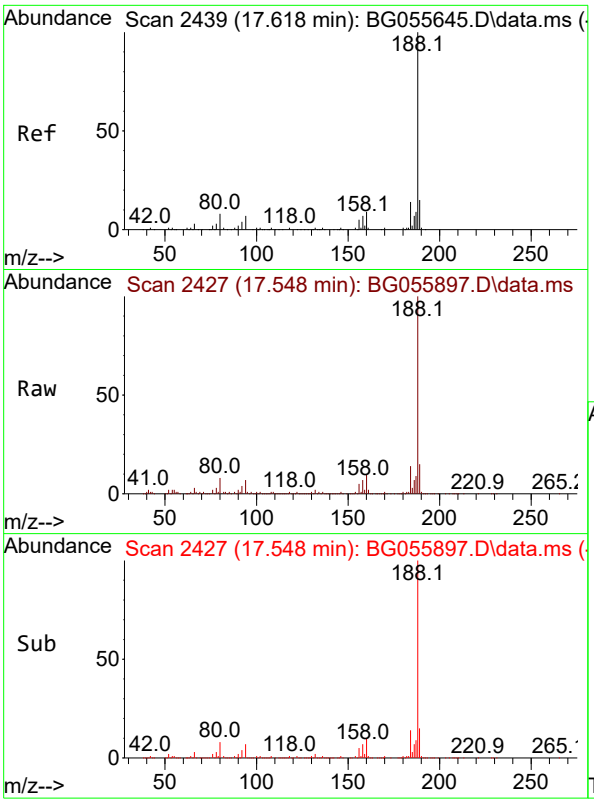


#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.424 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:165 Resp: 16505

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.6	66.8#
89	2.1	42.2	63.4#



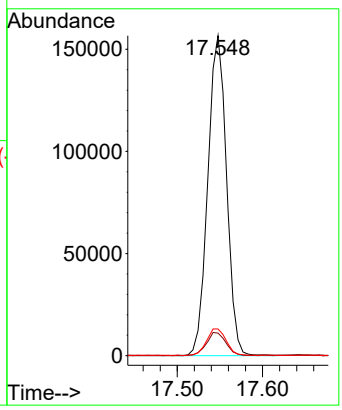


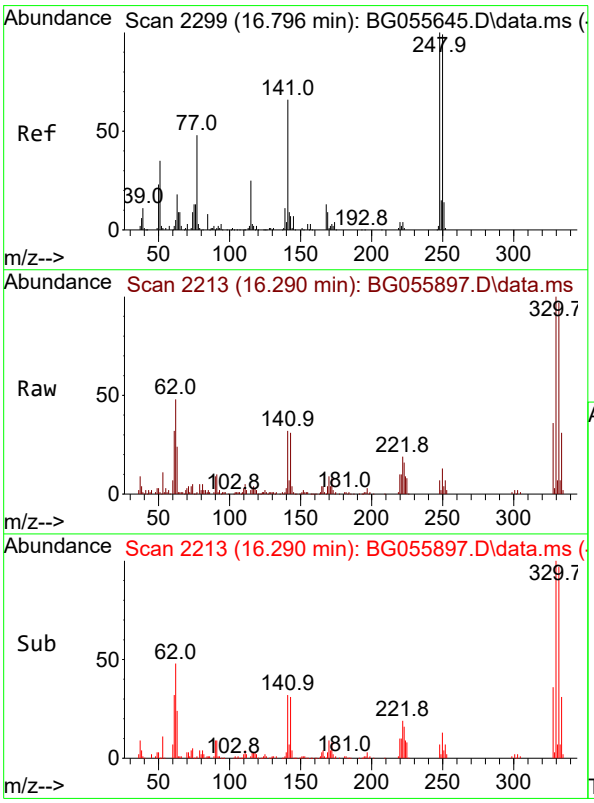
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:188 Resp: 238938

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.2
80	8.4	6.6	10.0

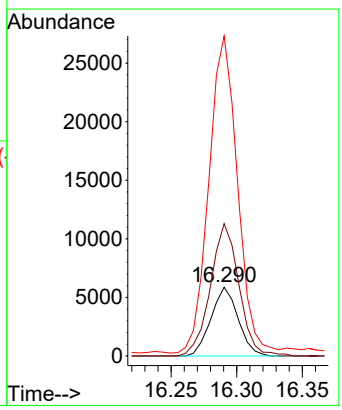


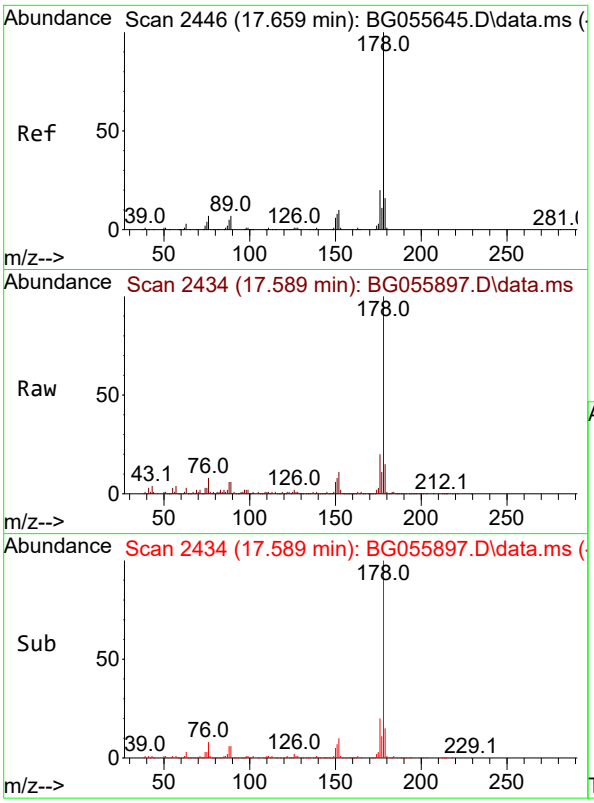


#67
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 16.290 min Scan# 2213
Delta R.T. -0.440 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:248 Resp: 8413

Ion	Ratio	Lower	Upper
248	100		
250	192.6	79.0	118.4#
141	465.6	52.9	79.3#



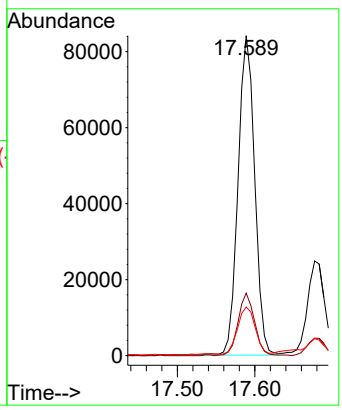


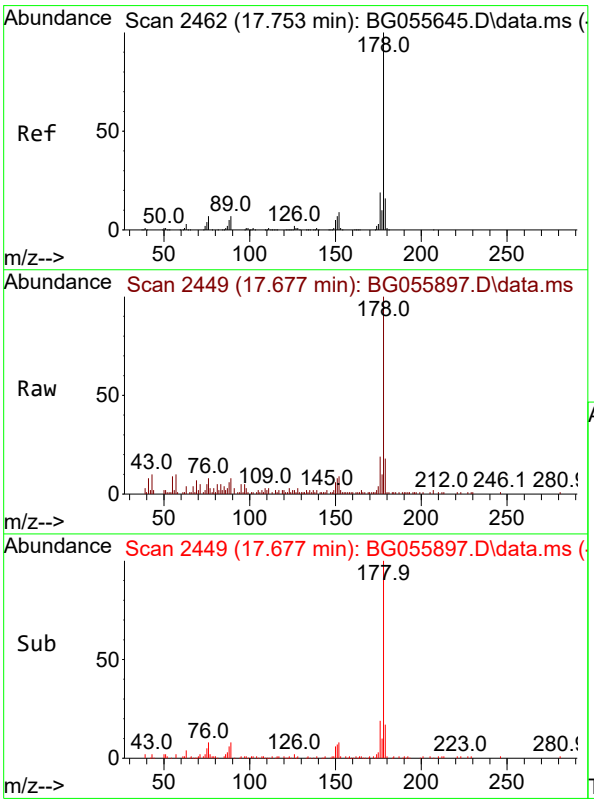
#71
Phenanthrene
Concen: 9.720 ng
RT: 17.589 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:178 Resp: 125326

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.2	12.7	19.1

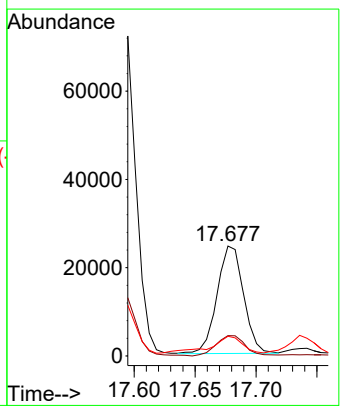


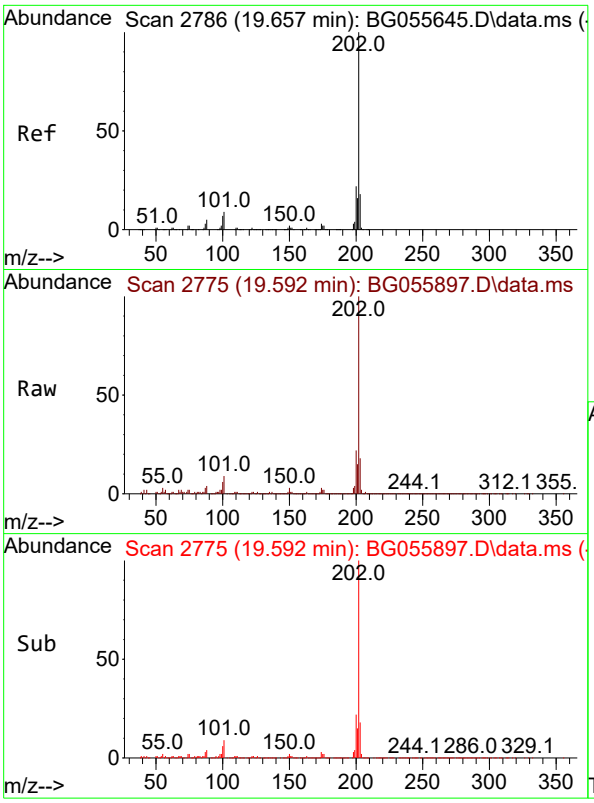


#72
Anthracene
Concen: 2.956 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:178 Resp: 37031

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	18.0	12.5	18.7



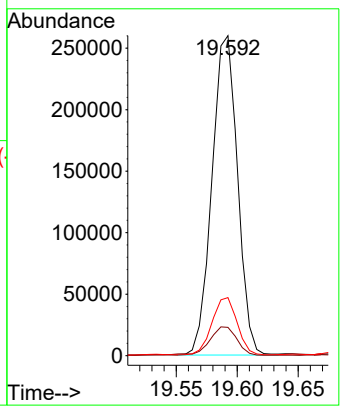


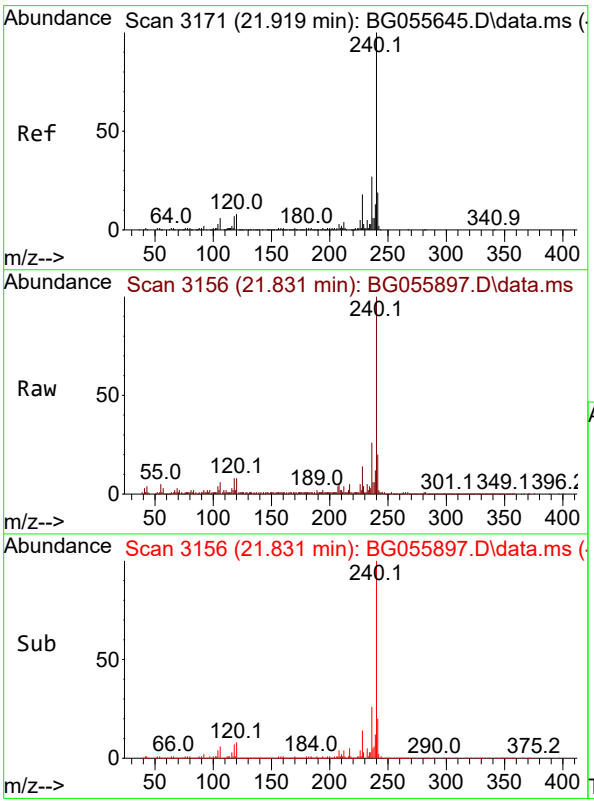
#75
Fluoranthene
Concen: 24.162 ng
RT: 19.592 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:202 Resp: 379014

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.8
203	18.1	0.0	38.1

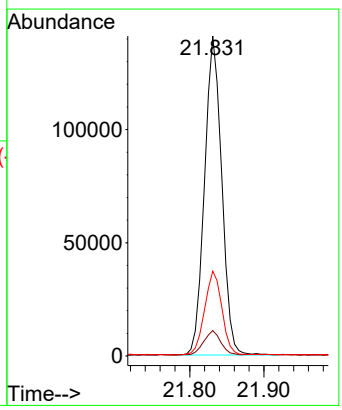


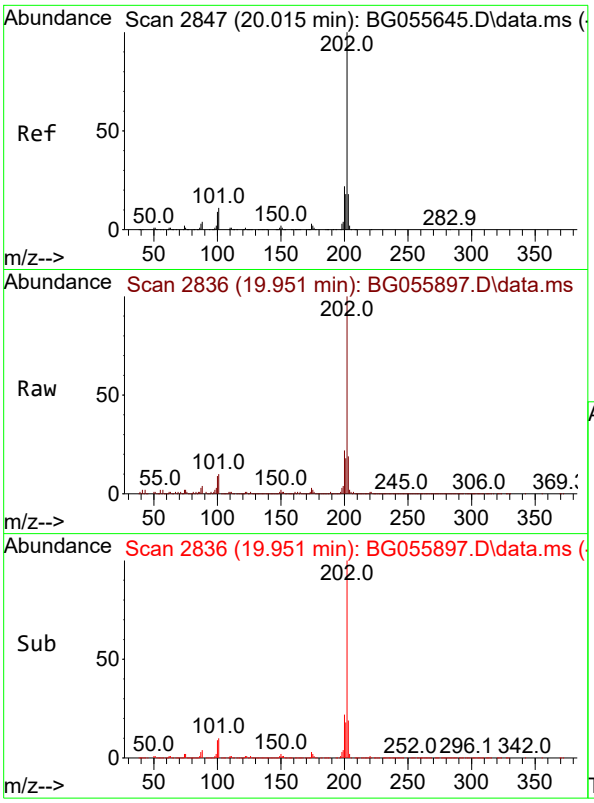


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:240 Resp: 226556

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.3	9.5
236	26.5	21.9	32.9



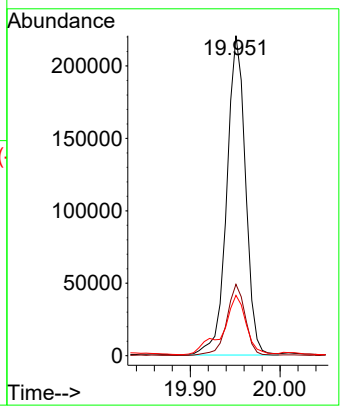


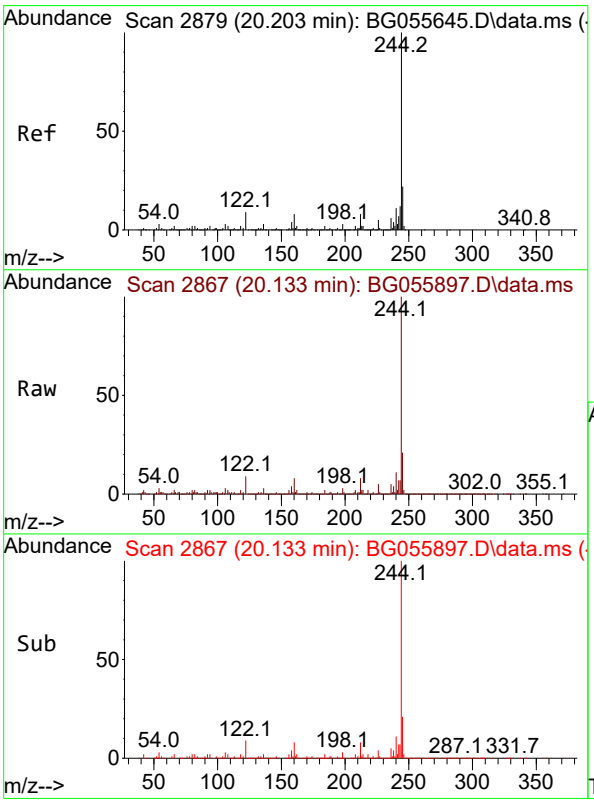
#78
Pyrene
Concen: 20.814 ng
RT: 19.951 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:202 Resp: 319188

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.8	14.4	21.6

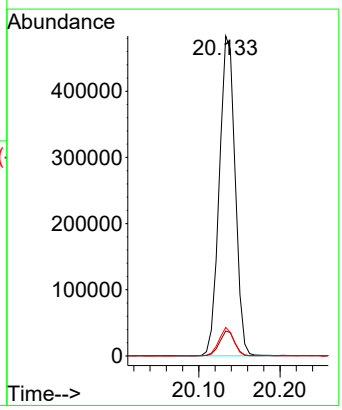


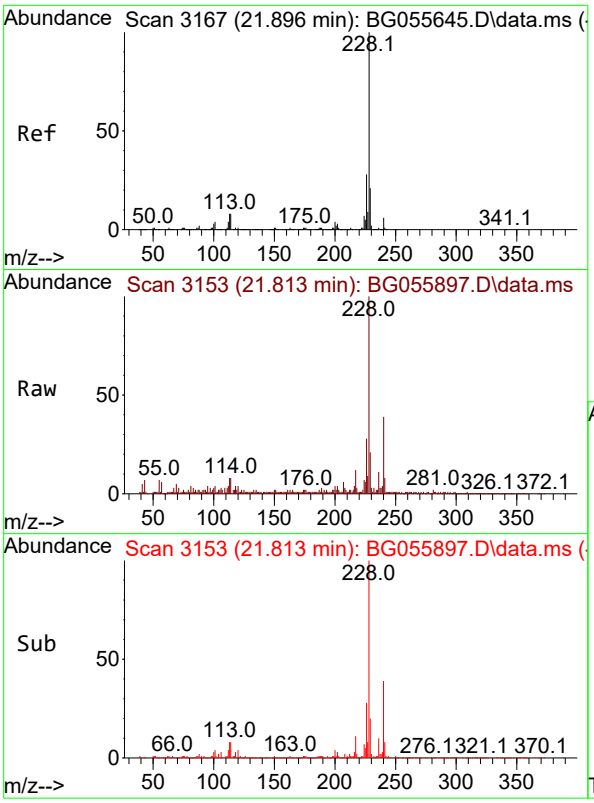


#79
Terphenyl-d14
Concen: 57.829 ng
RT: 20.133 min Scan# 2867
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:244 Resp: 655033

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	8.9	6.9	10.3



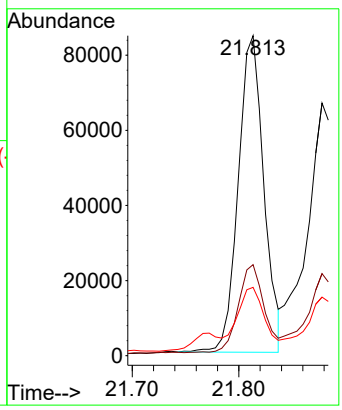


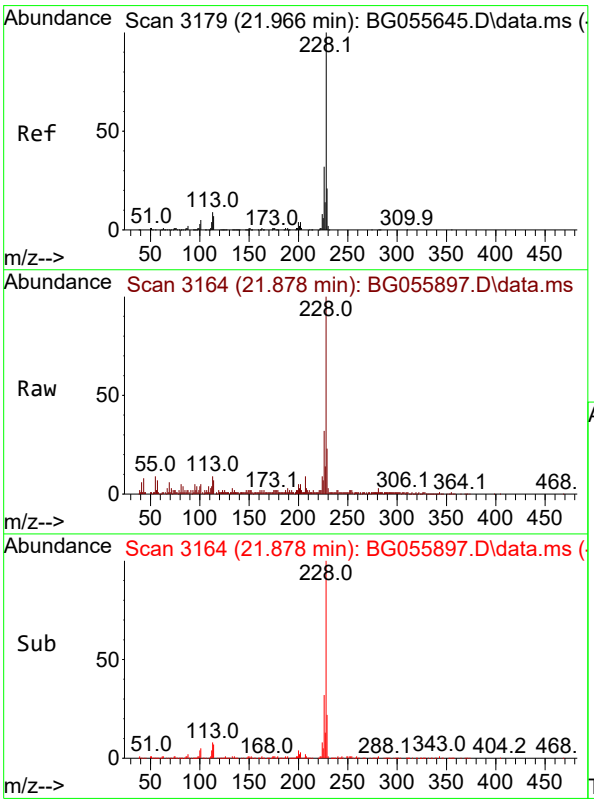
#81
Benzo(a)anthracene
Concen: 9.023 ng
RT: 21.813 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:228 Resp: 140790

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.3	16.5	24.7

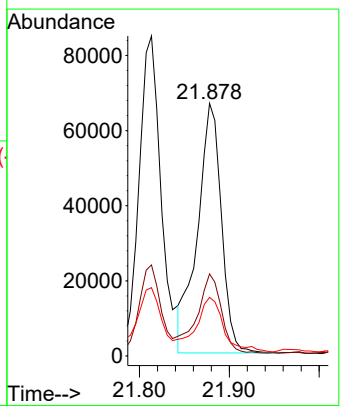


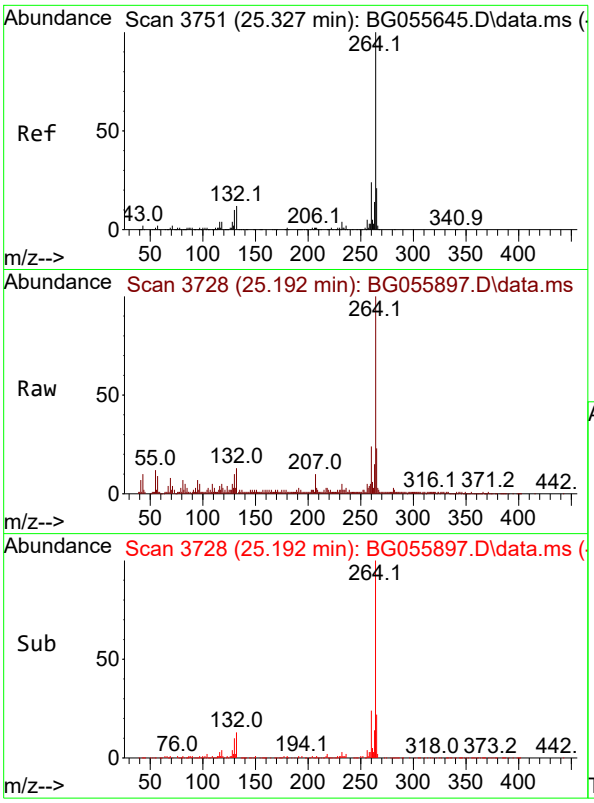


#83
Chrysene
Concen: 8.318 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:228 Resp: 123566

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.2
229	23.2	17.1	25.7



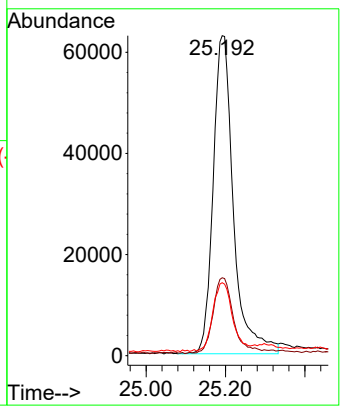


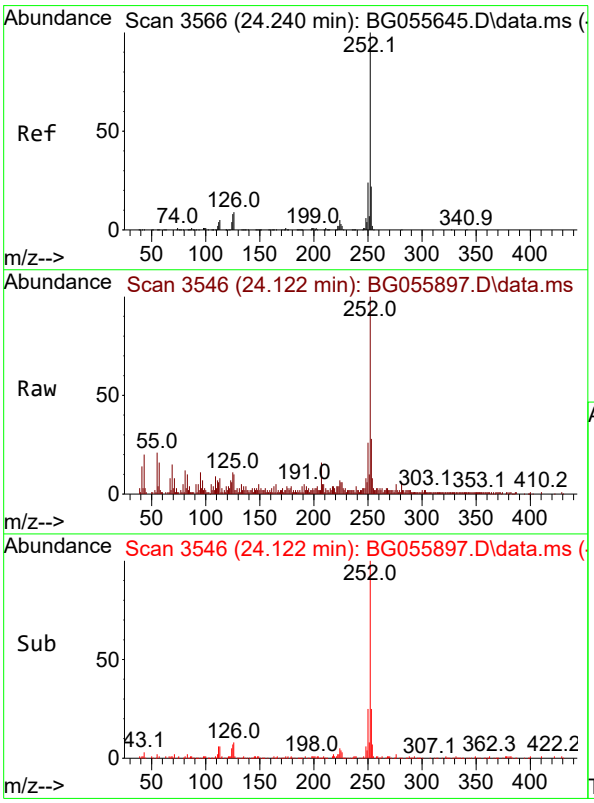
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3
Delta R.T. 0.013 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:264 Resp: 223506

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.8	17.1	25.7

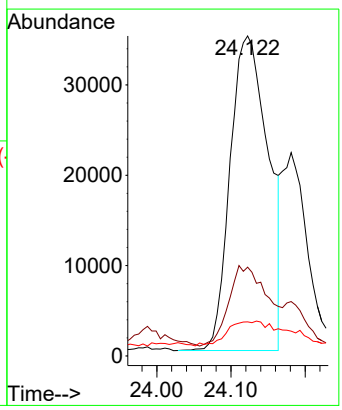


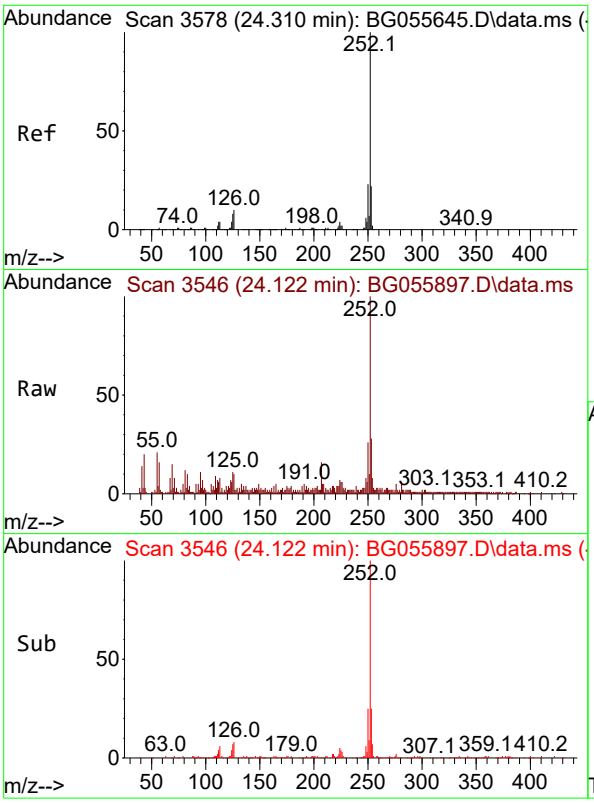


#88
Benzo(b)fluoranthene
Concen: 8.538 ng
RT: 24.122 min Scan# 3546
Delta R.T. 0.007 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:252 Resp: 124285

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.0	27.0#
125	10.7	6.2	9.2#



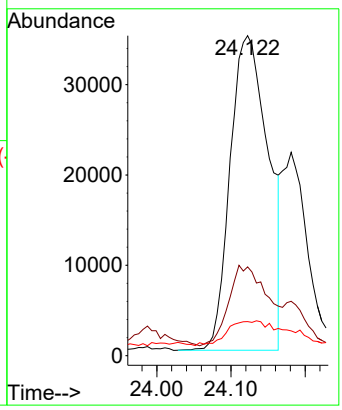


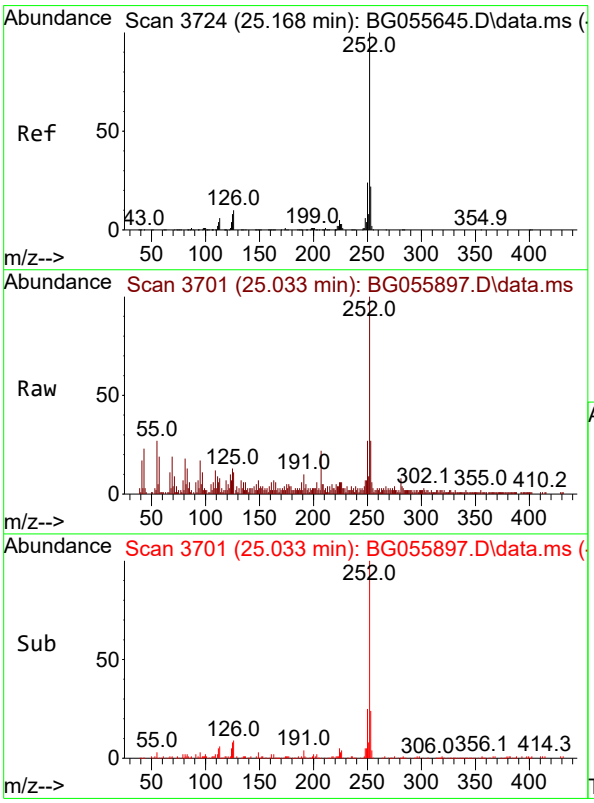
#89
Benzo(k)fluoranthene
Concen: 8.566 ng
RT: 24.122 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Instrument :
BNA_G
ClientSampleId :
HR-02-120222

Tgt Ion:252 Resp: 124285

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	10.7	6.1	9.1#





#90
Benzo(a)pyrene
Concen: 6.652 ng
RT: 25.033 min Scan# 3701
Delta R.T. 0.007 min
Lab File: BG055897.D
Acq: 5 Dec 2022 23:16

Tgt Ion:252 Resp: 83090

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	13.1	6.4	9.6#