Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055866.D
Acq On : 1 Dec 2022 22:05
Operator : CG/JU
Sample : N5817-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Quant Time: Dec 02 04:12:54 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	8.211	152	53595	20.000	ng		0.00
21) Naphthalene-d8	11.038	136	213717	20.000	ng		0.00
39) Acenaphthene-d10	14.833	164	138713	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	290020	20.000	ng		0.00
76) Chrysene-d12	21.872	240	274117	20.000	ng		0.00
86) Perylene-d12	25.262	264	271896	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	147292	49.675	ng		0.00
7) Phenol-d6	7.360	99	187829	47.587	ng		0.00
23) Nitrobenzene-d5	9.381	82	119178	29.474	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	86653	44.363	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	293989	31.751	ng		0.00
79) Terphenyl-d14	20.162	244	432049	31.525	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	16658	5.493	ng	#	78
38) 1-Methylnaphthalene	12.894	142	20920	2.491	ng		99
49) Acenaphthylene	14.563	152	46101	3.563	ng	#	94
52) Acenaphthene	14.898	154	28458	3.366	ng		98
58) Fluorene	15.879	166	43454	4.171	ng	#	95
71) Phenanthrene	17.624	178	595224	38.032	ng		99
72) Anthracene	17.712	178	102346	6.730	ng		98
73) Carbazole	17.977	167	30005	2.195	ng	#	92
75) Fluoranthene	19.622	202	654984	34.400	ng		99
78) Pyrene	19.986	202	1053210	56.763	ng		97
81) Benzo(a)anthracene	21.848	228	334757	17.731	ng		96
83) Chrysene	21.919	228	319038	17.750	ng		98
87) Indeno(1,2,3-cd)pyrene	29.163	276	82691	3.712	ng		92
88) Benzo(b)fluoranthene	24.181	252	356014	20.105	ng	#	95
89) Benzo(k)fluoranthene	24.181	252	356014	20.170	ng	#	95
90) Benzo(a)pyrene	25.098	252	278073	18.300	ng		96
92) Benzo(g,h,i)perylene	30.397	276	117192	6.388	ng		98

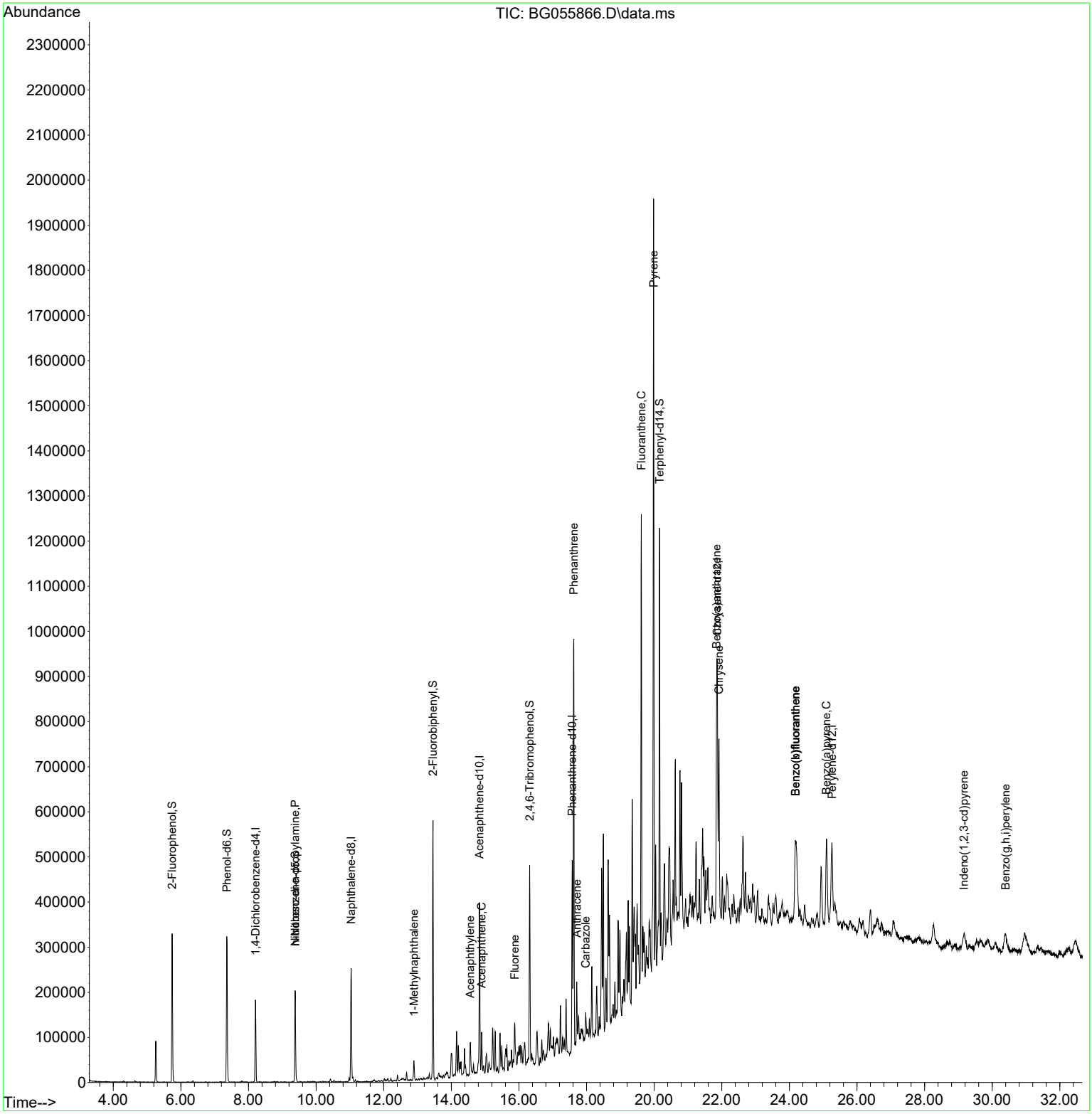
(#) = qualifier out of range (m) = manual integration (+) = signals summed

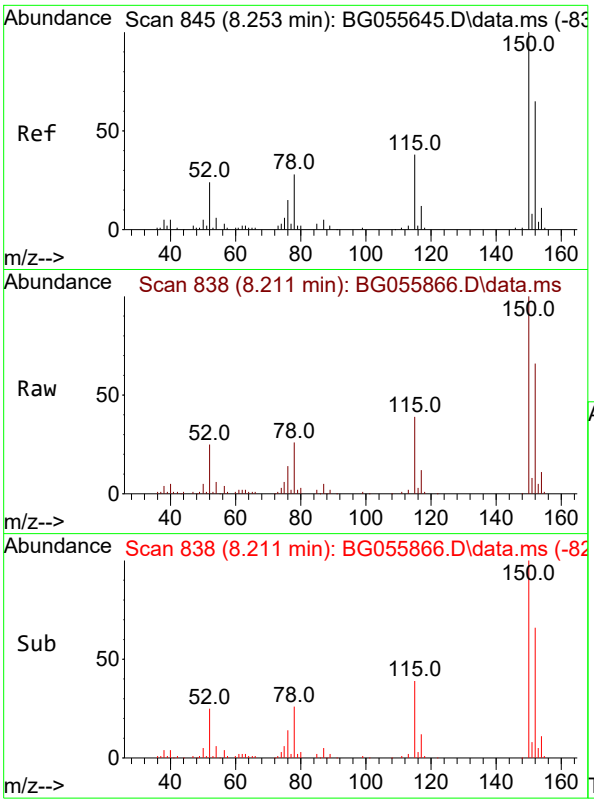
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055866.D
Acq On : 1 Dec 2022 22:05
Operator : CG/JU
Sample : N5817-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Quant Time: Dec 02 04:12:54 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



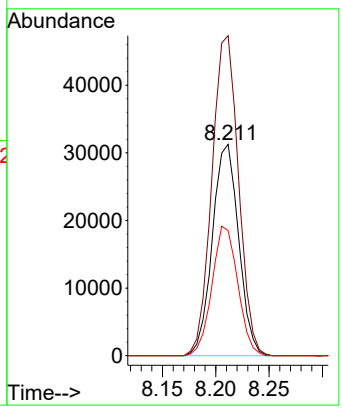


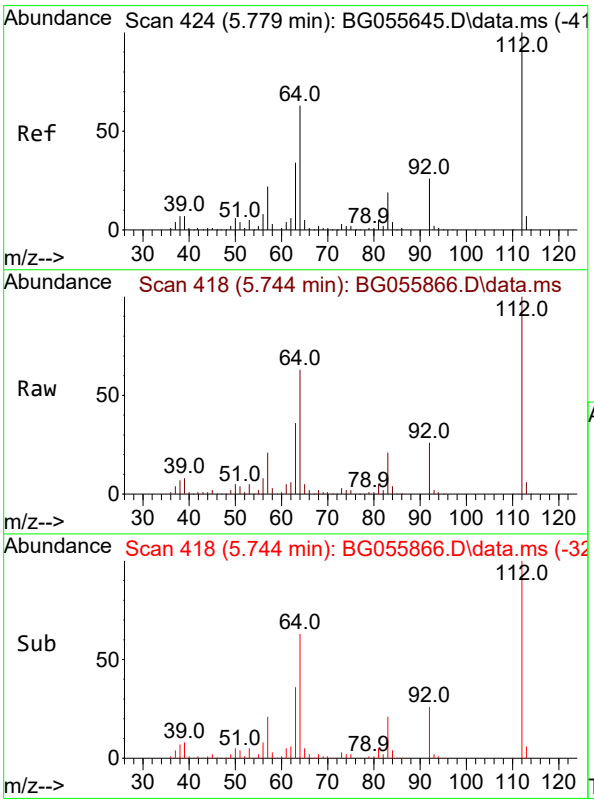
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 8
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:152 Resp: 53595

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.0	184.6
115	59.2	47.0	70.4

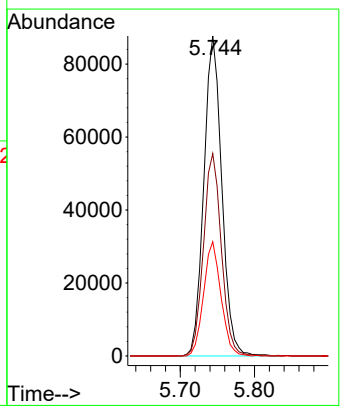


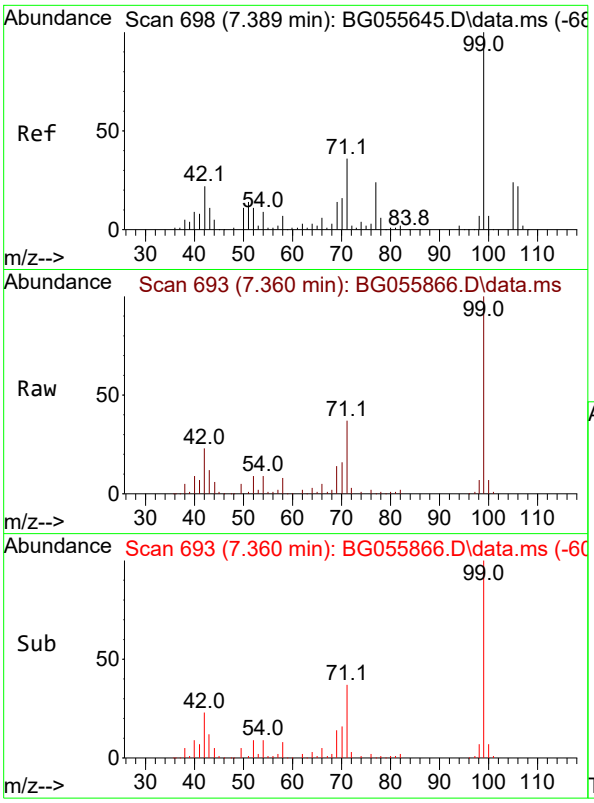


#5
2-Fluorophenol
Concen: 49.675 ng
RT: 5.744 min Scan# 418
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:112 Resp: 147292

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	76.0
63	35.7	27.5	41.3



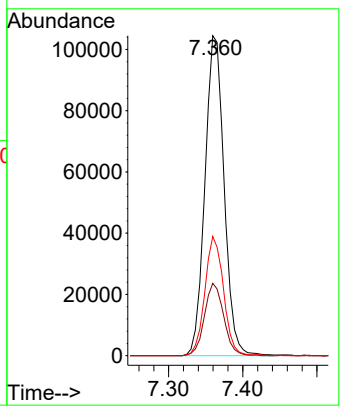


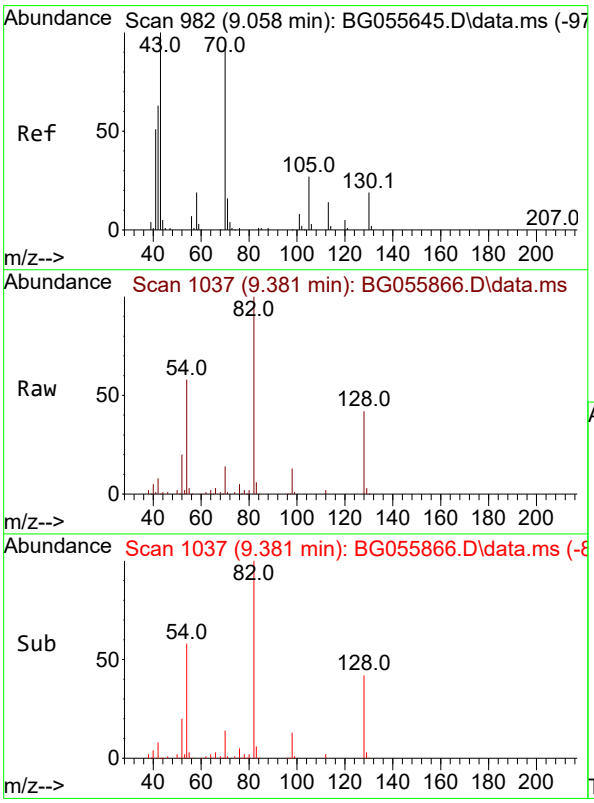
#7
Phenol-d6
Concen: 47.587 ng
RT: 7.360 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion: 99 Resp: 187829

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.0	27.0
71	37.2	29.0	43.6

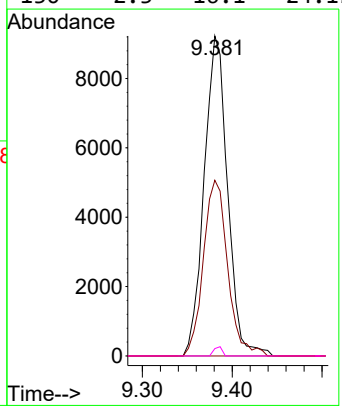


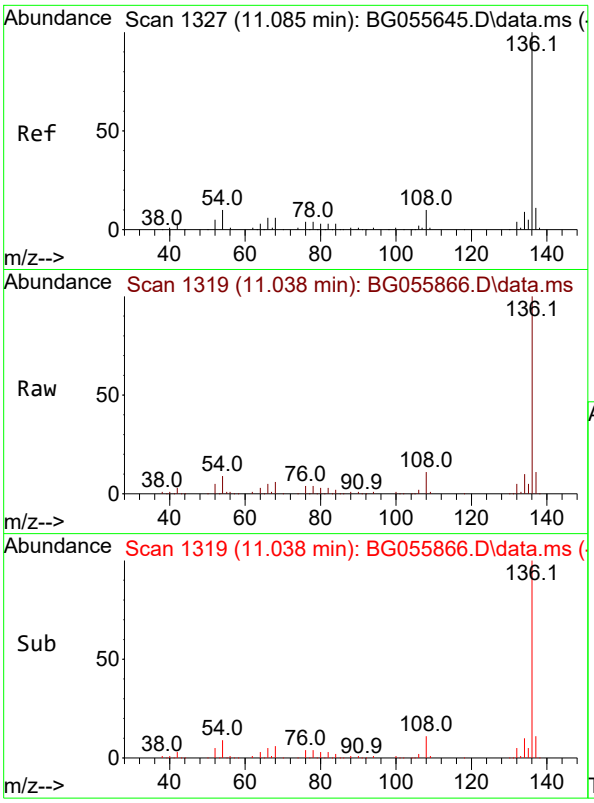


#19
n-Nitroso-di-n-propylamine
Concen: 5.493 ng
RT: 9.381 min Scan# 1037
Delta R.T. 0.370 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion: 70 Resp: 16658

Ion	Ratio	Lower	Upper
70	100		
42	54.9	55.2	82.8#
101	0.0	7.1	10.7#
130	2.3	16.1	24.1#



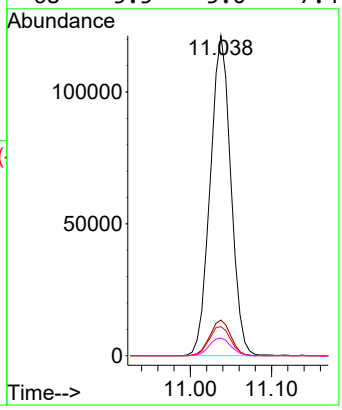


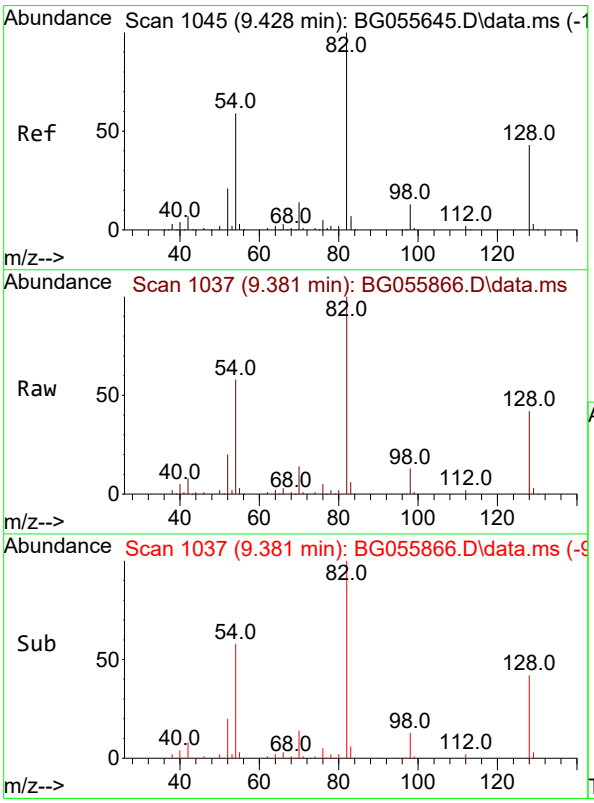
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:136 Resp: 213717

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.0	7.8	11.6
68	5.5	5.0	7.4

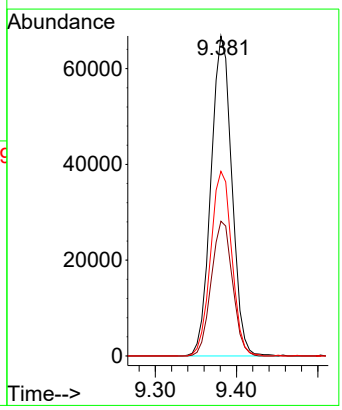


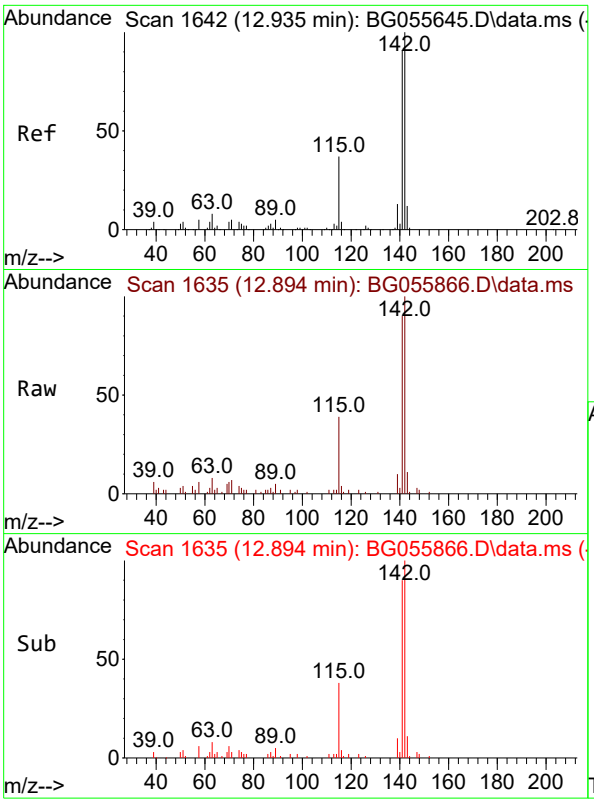


#23
Nitrobenzene-d5
Concen: 29.474 ng
RT: 9.381 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion: 82 Resp: 119178

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	57.7	47.3	70.9



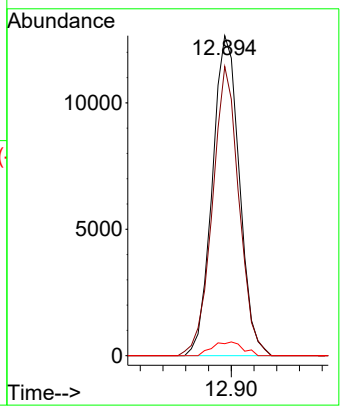


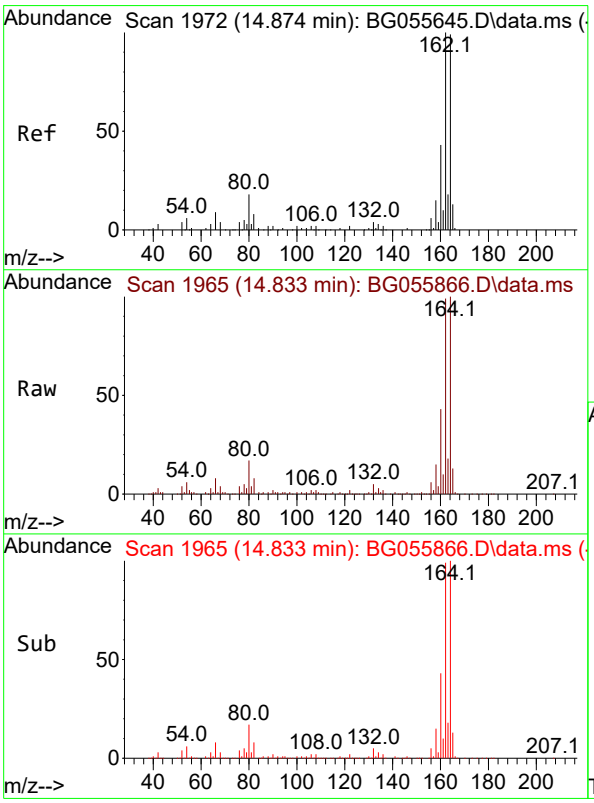
#38
1-Methylnaphthalene
Concen: 2.491 ng
RT: 12.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:142 Resp: 20920

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.0	109.4
116	3.8	3.1	4.7

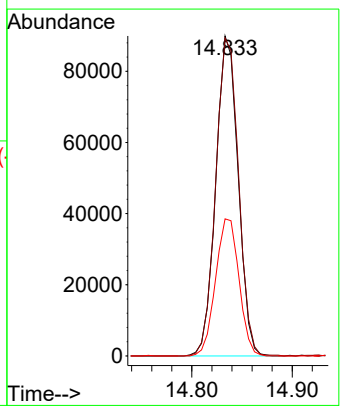


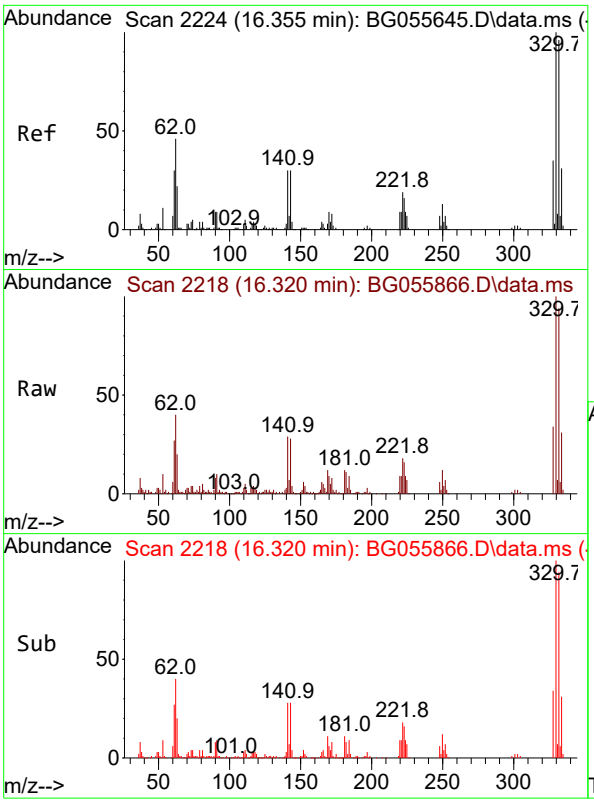


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:164 Resp: 138713

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.1	121.7
160	42.9	34.8	52.2



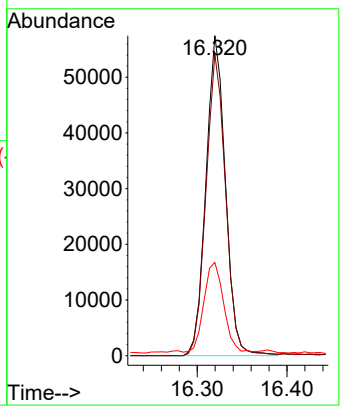


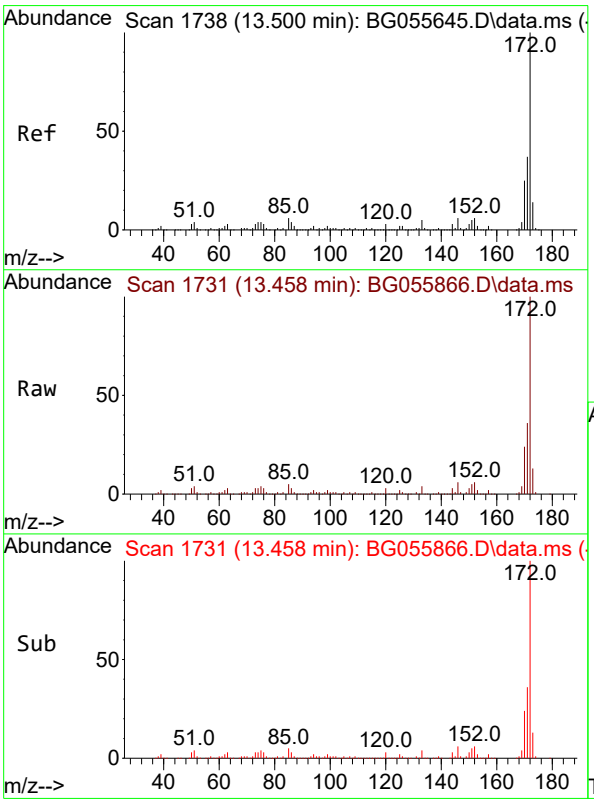
#42
2,4,6-Tribromophenol
Concen: 44.363 ng
RT: 16.320 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:330 Resp: 86653

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.8	116.8
141	29.6	23.9	35.9

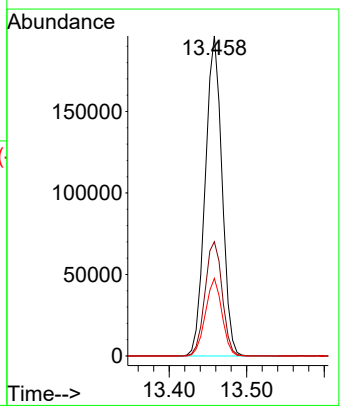


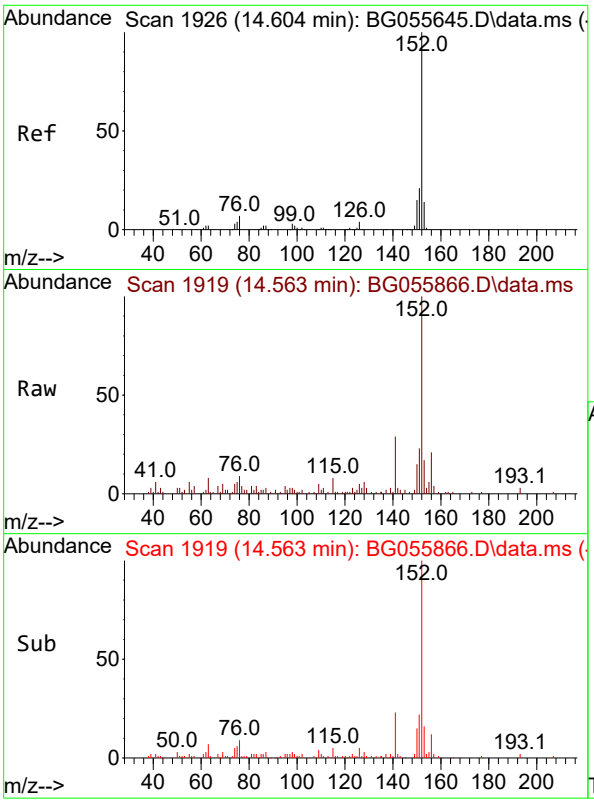


#45
2-Fluorobiphenyl
Concen: 31.751 ng
RT: 13.458 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:172 Resp: 293989

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	24.3	20.2	30.4



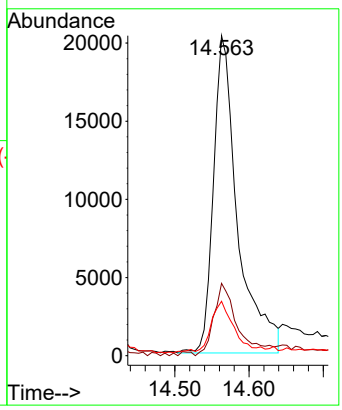


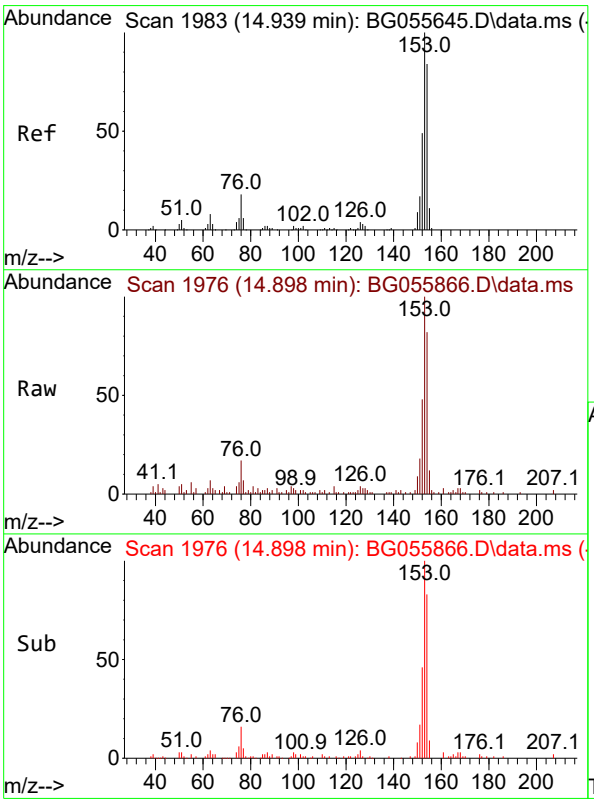
#49
Acenaphthylene
Concen: 3.563 ng
RT: 14.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:152 Resp: 46101

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.4	24.6
153	17.0	11.0	16.4#

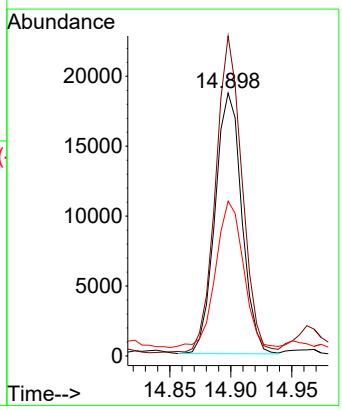


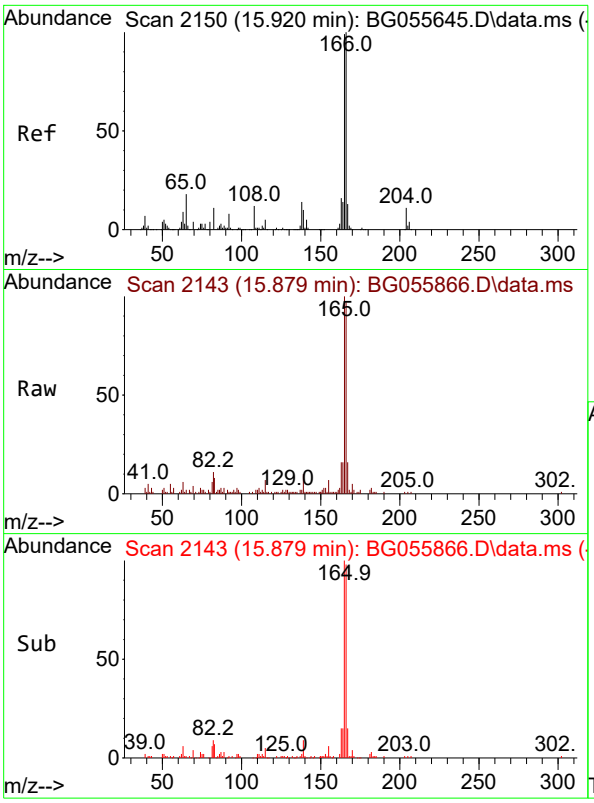


#52
Acenaphthene
Concen: 3.366 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:154 Resp: 28458

Ion	Ratio	Lower	Upper
154	100		
153	121.7	95.0	142.4
152	58.9	46.1	69.1



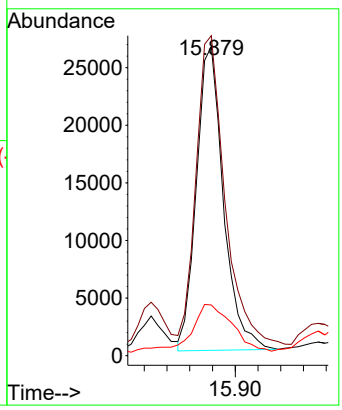


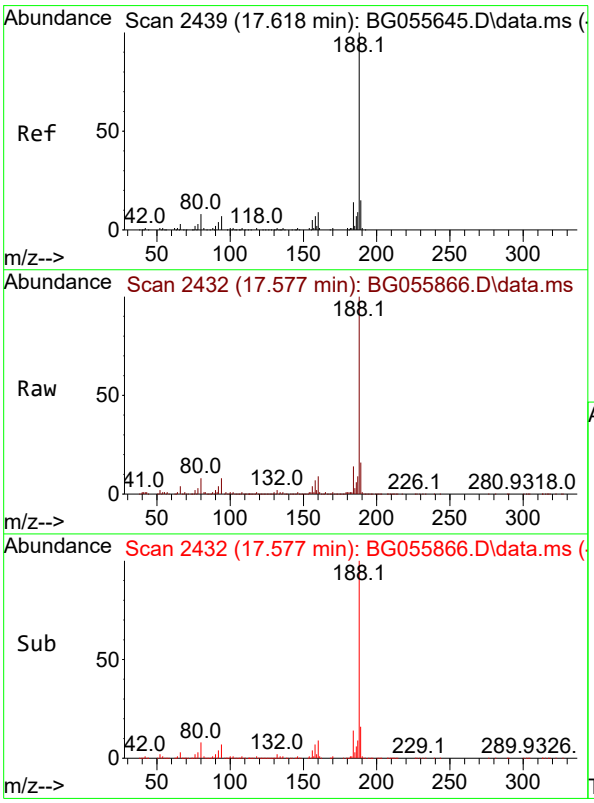
#58
Fluorene
Concen: 4.171 ng
RT: 15.879 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:166 Resp: 43454

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.3	118.9
167	16.4	10.6	15.8#

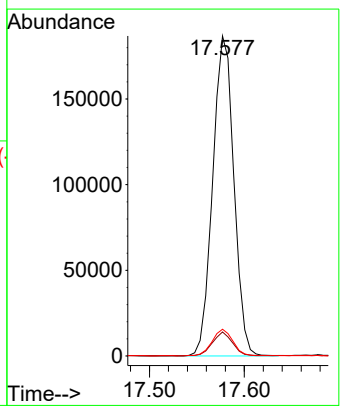


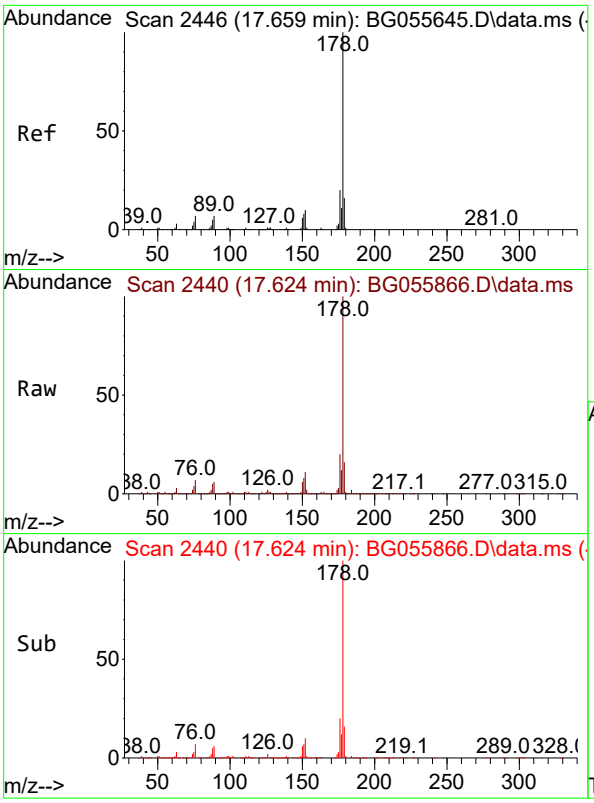


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:188 Resp: 290020

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.4	8.2
80	8.4	6.6	10.0



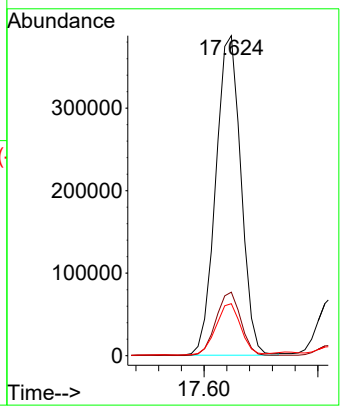


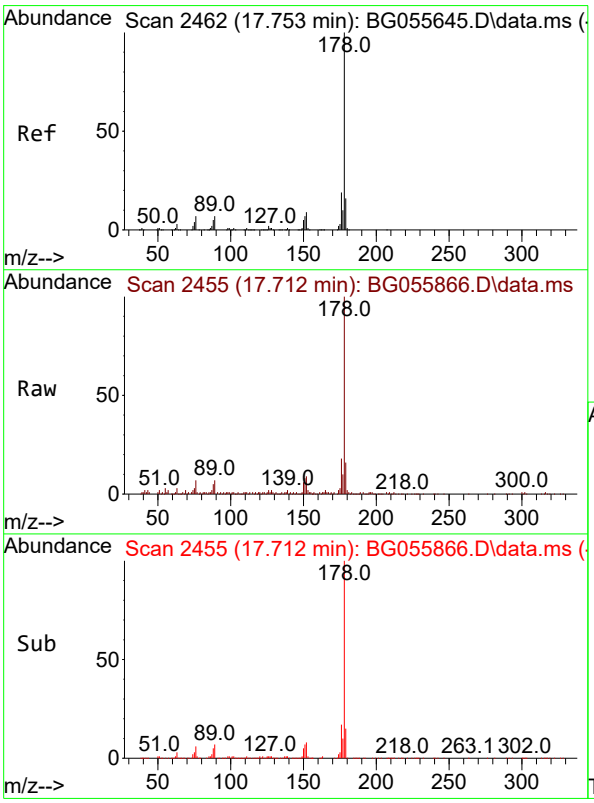
#71
Phenanthrene
Concen: 38.032 ng
RT: 17.624 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:178 Resp: 595224

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.2	12.7	19.1

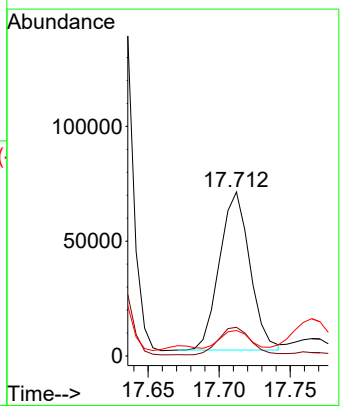


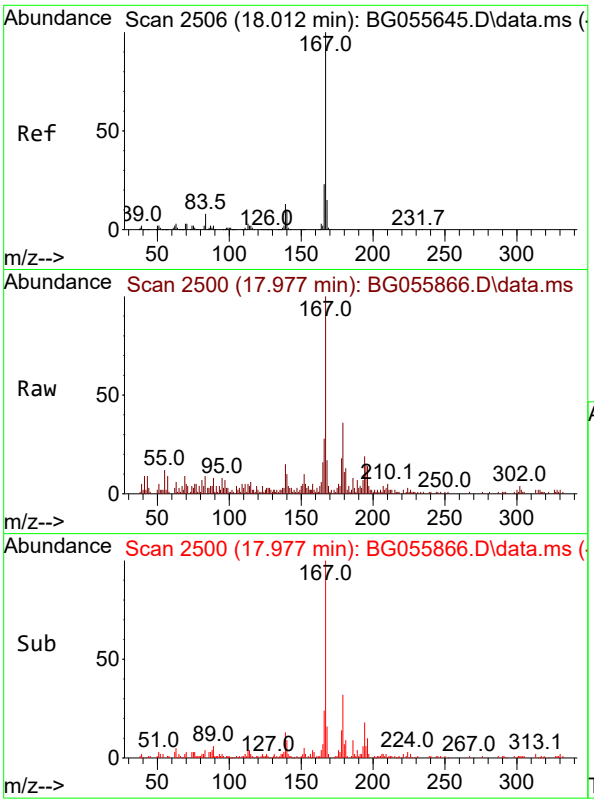


#72
Anthracene
Concen: 6.730 ng
RT: 17.712 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:178 Resp: 102346

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	15.5	12.5	18.7



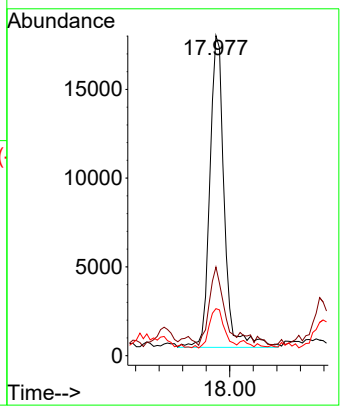


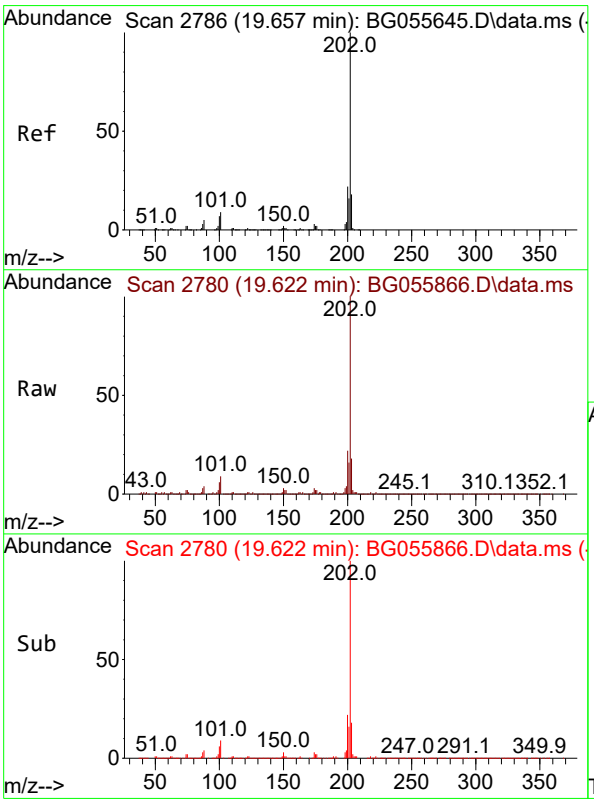
#73
Carbazole
Concen: 2.195 ng
RT: 17.977 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:167 Resp: 30005

Ion	Ratio	Lower	Upper
167	100		
166	27.7	18.2	27.2#
139	14.7	10.2	15.4

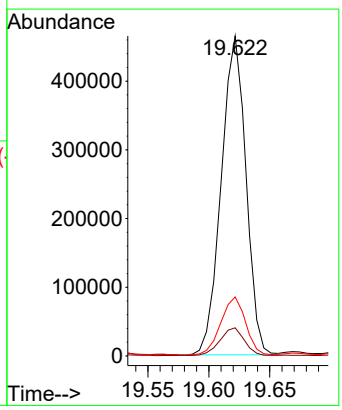


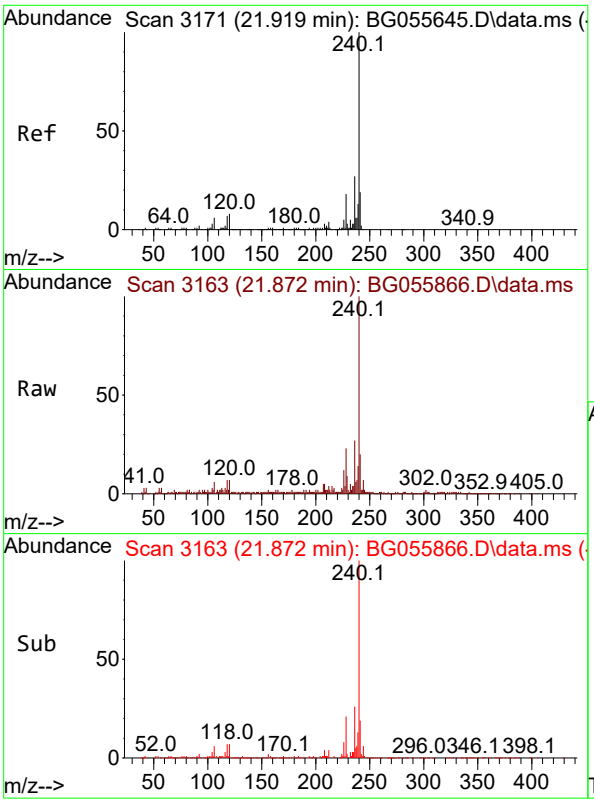


#75
Fluoranthene
Concen: 34.400 ng
RT: 19.622 min Scan# 2780
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:202 Resp: 654984

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.8
203	18.5	0.0	38.1



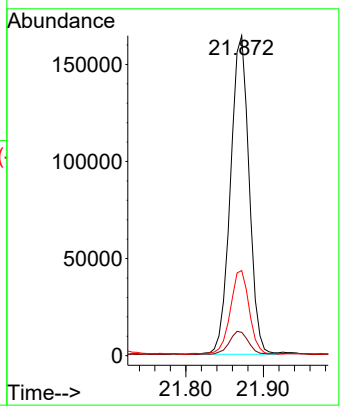


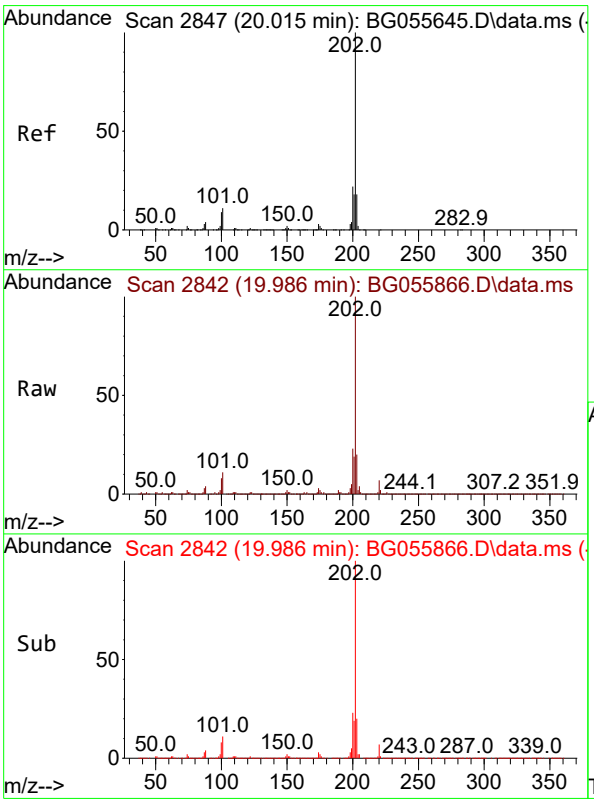
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:240 Resp: 274117

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.3	9.5
236	26.6	21.9	32.9

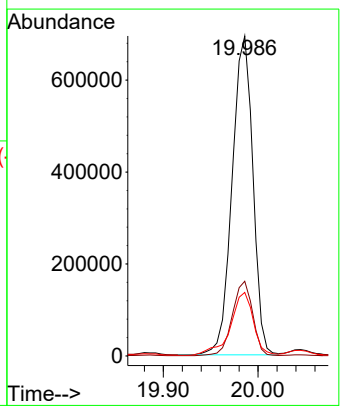


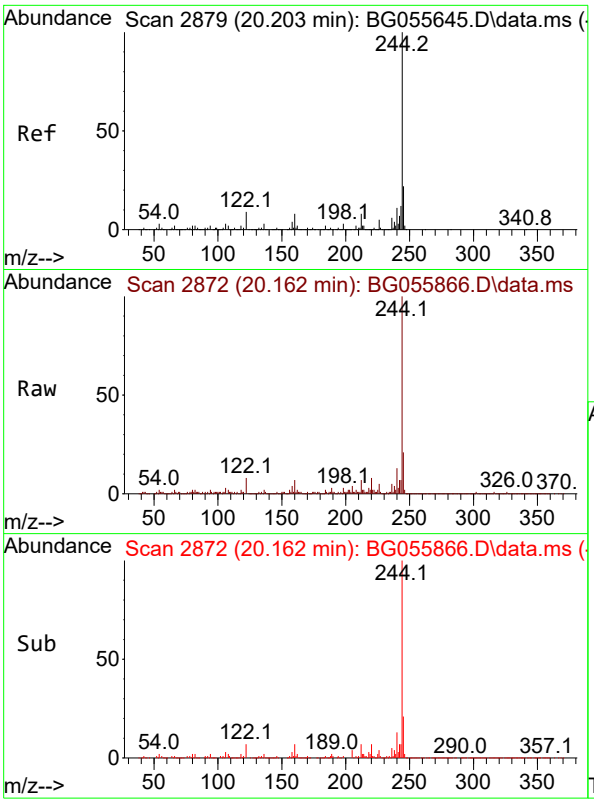


#78
Pyrene
Concen: 56.763 ng
RT: 19.986 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:202 Resp: 1053210

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.8	26.6
203	19.8	14.4	21.6



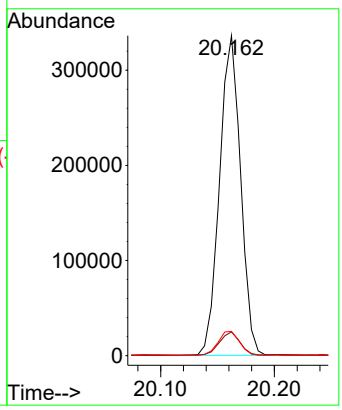


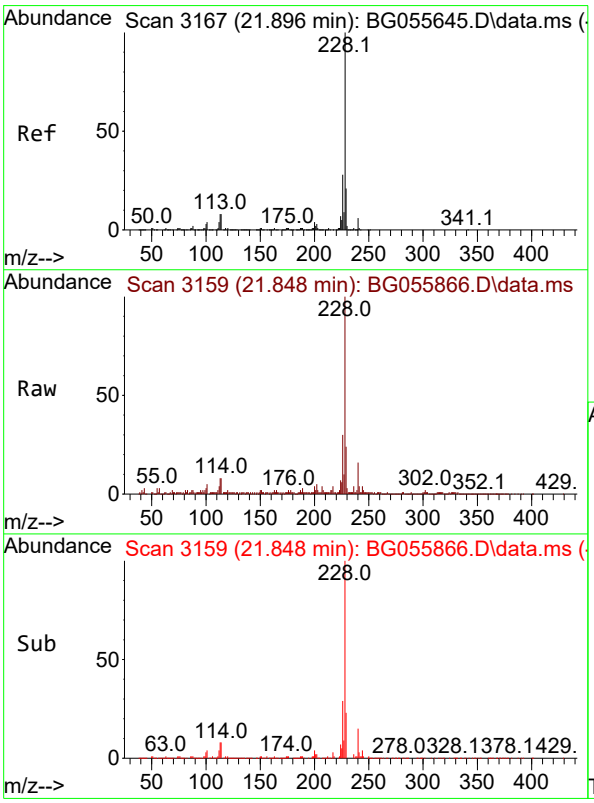
#79
Terphenyl-d14
Concen: 31.525 ng
RT: 20.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:244 Resp: 432049

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	7.6	6.9	10.3

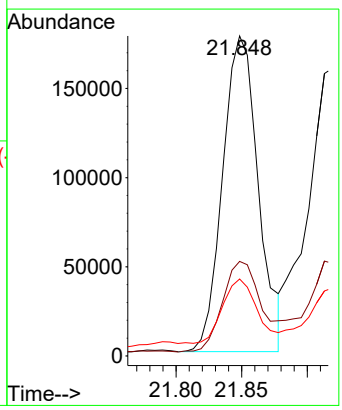


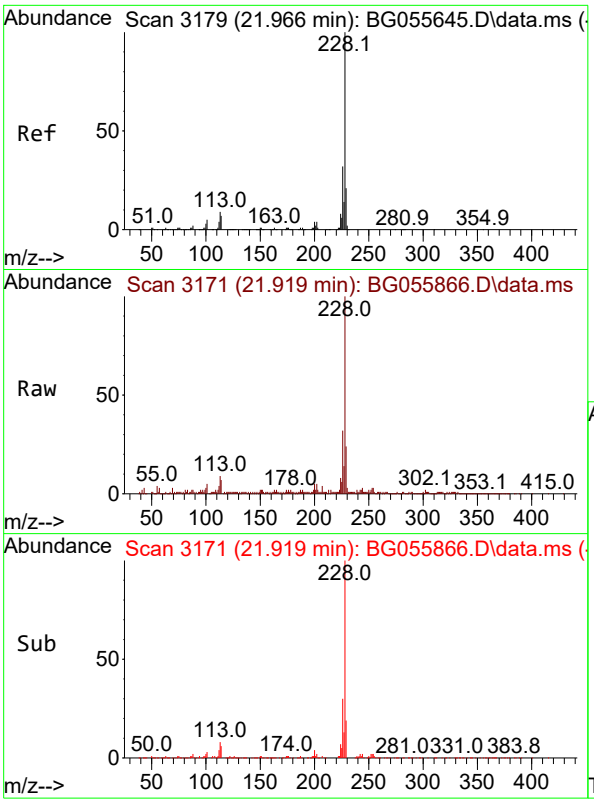


#81
Benzo(a)anthracene
Concen: 17.731 ng
RT: 21.848 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:228 Resp: 334757

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	24.1	16.5	24.7



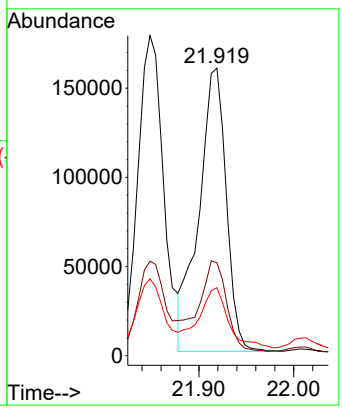


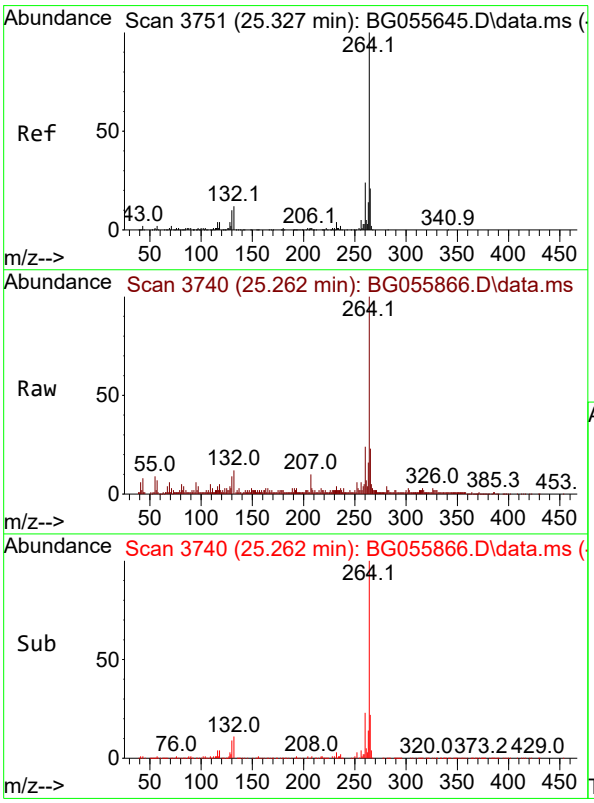
#83
Chrysene
Concen: 17.750 ng
RT: 21.919 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:228 Resp: 319038

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.2
229	23.6	17.1	25.7

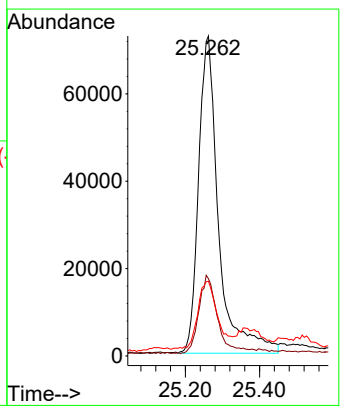


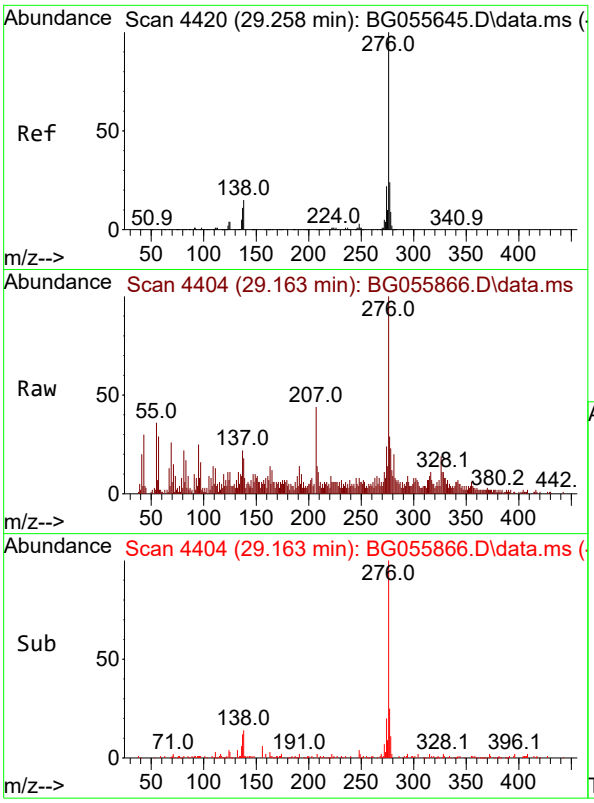


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.262 min Scan# 3740
Delta R.T. 0.012 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:264 Resp: 271896

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.3	17.1	25.7



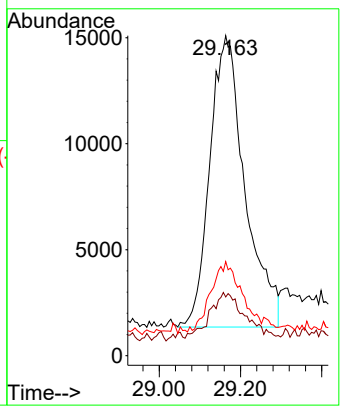


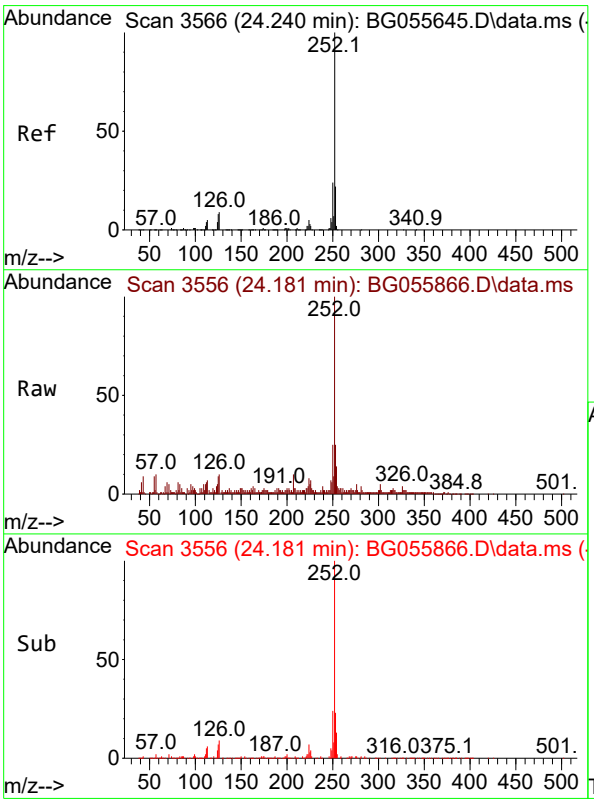
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.712 ng
RT: 29.163 min Scan# 4
Delta R.T. 0.012 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:276 Resp: 82691

Ion	Ratio	Lower	Upper
276	100		
138	15.5	10.4	15.6
277	21.1	20.2	30.4

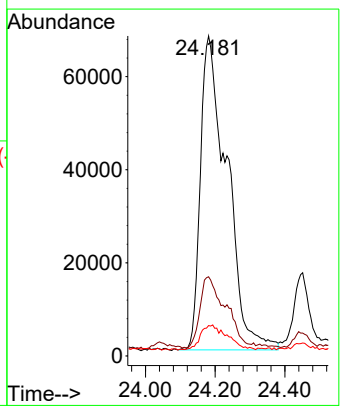


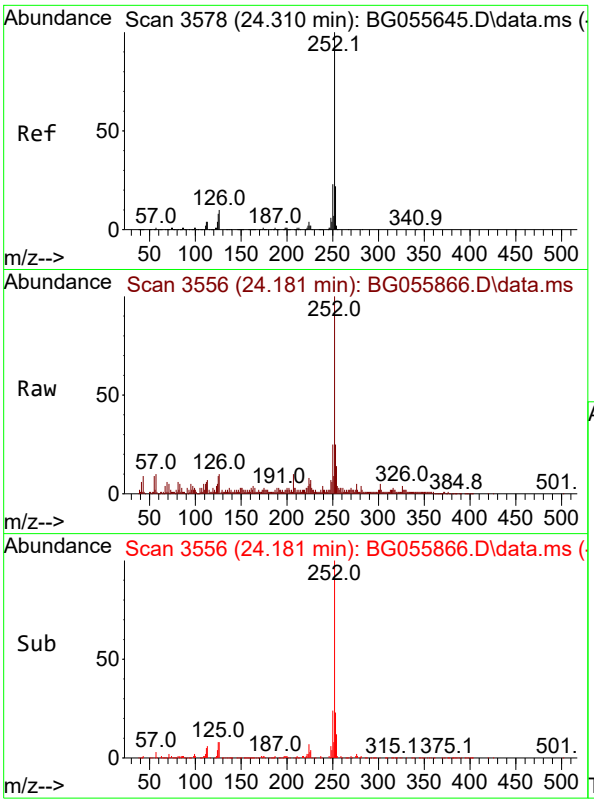


#88
Benzo(b)fluoranthene
Concen: 20.105 ng
RT: 24.181 min Scan# 3556
Delta R.T. 0.012 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:252 Resp: 356014

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	9.5	6.2	9.2#



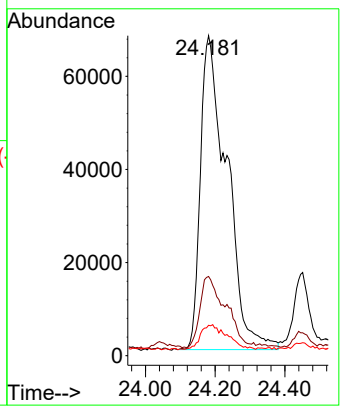


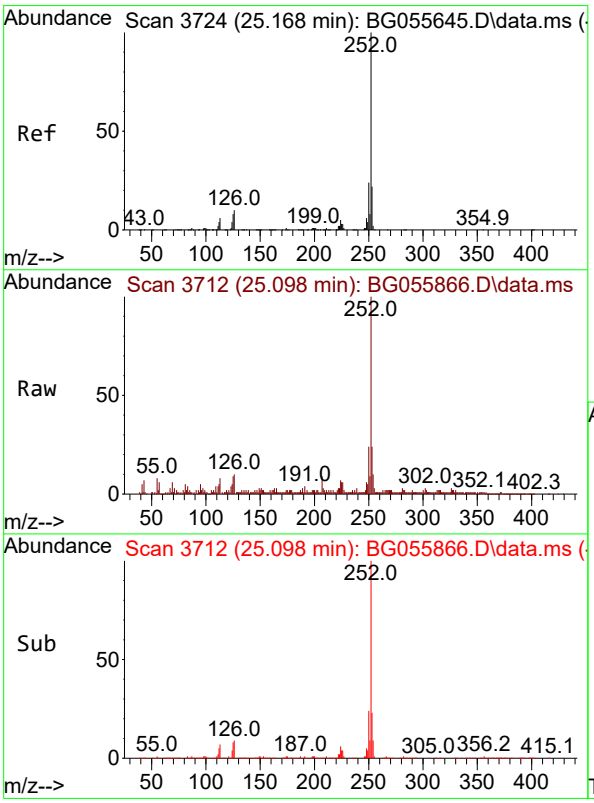
#89
Benzo(k)fluoranthene
Concen: 20.170 ng
RT: 24.181 min Scan# 3
Delta R.T. -0.059 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:252 Resp: 356014

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	9.5	6.1	9.1#

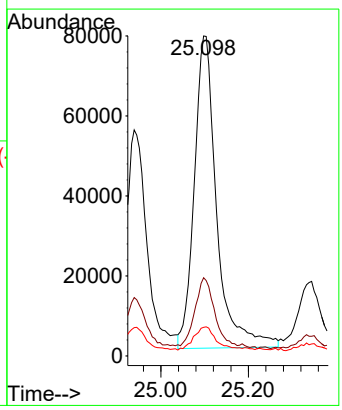


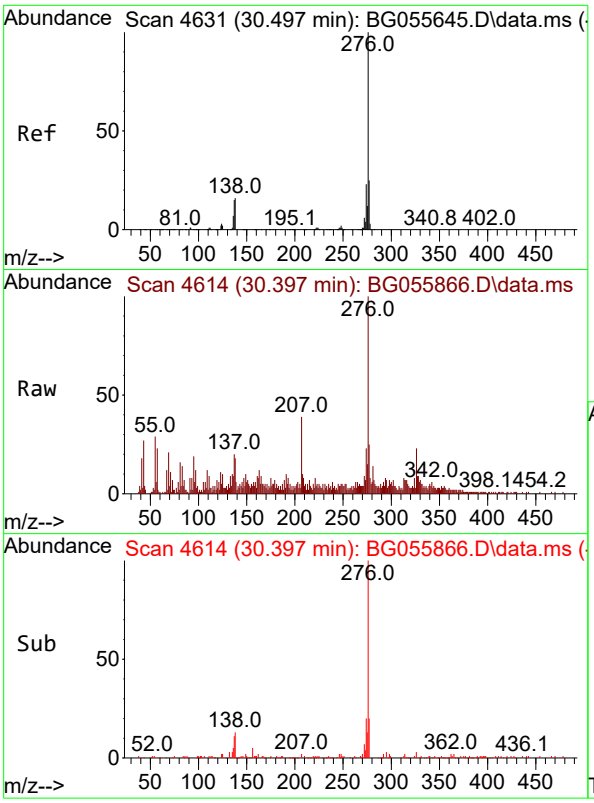


#90
Benzo(a)pyrene
Concen: 18.300 ng
RT: 25.098 min Scan# 3712
Delta R.T. 0.006 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Tgt Ion:252 Resp: 278073

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	9.0	6.4	9.6





#92
Benzo(g,h,i)perylene
Concen: 6.388 ng
RT: 30.397 min Scan# 4
Delta R.T. 0.024 min
Lab File: BG055866.D
Acq: 1 Dec 2022 22:05

Instrument :
BNA_G
ClientSampleId :
OK-3-113022

Tgt Ion:276 Resp: 117192

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	18.5	13.1	19.7