Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056007.D
Acq On : 16 Dec 2022 23:59
Operator : CG/JU
Sample : N6037-07DL 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Quant Time: Dec 17 01:26:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.375	152	9359	20.000	ng		0.00
21) Naphthalene-d8	11.207	136	35023	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	29180	20.000	ng		0.00
64) Phenanthrene-d10	17.717	188	80475	20.000	ng		0.00
76) Chrysene-d12	22.024	240	80768	20.000	ng	#	0.00
86) Perylene-d12	25.526	264	100497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.884	112	1182	2.962	ng		0.00
7) Phenol-d6	7.494	99	1581	3.080	ng		0.00
23) Nitrobenzene-d5	9.545	82	890	1.776	ng		0.00
42) 2,4,6-Tribromophenol	16.454	330	1950	2.771	ng		0.00
45) 2-Fluorobiphenyl	13.605	172	3947	1.897	ng		0.00
79) Terphenyl-d14	20.291	244	9790	2.142	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.254	128	4080	2.208	ng	#	94
37) 2-Methylnaphthalene	12.835	142	8864	5.429	ng		96
38) 1-Methylnaphthalene	13.046	142	6632	4.170	ng	#	96
52) Acenaphthene	15.038	154	6724	3.904	ng	#	88
56) 4-Nitrophenol	15.367	139	1222	3.840	ng	#	1
58) Fluorene	16.019	166	8428	3.560	ng		95
71) Phenanthrene	17.759	178	202595	48.039	ng		99
72) Anthracene	17.853	178	24134	5.784	ng		99
75) Fluoranthene	19.744	202	86603	14.665	ng		96
78) Pyrene	20.109	202	131518	26.910	ng		99
81) Benzo(a)anthracene	22.007	228	52743	9.280	ng		99
83) Chrysene	22.077	228	48026	9.016	ng		98
88) Benzo(b)fluoranthene	24.410	252	35445	5.450	ng	#	92
89) Benzo(k)fluoranthene	24.410	252	35445	5.462	ng	#	94
90) Benzo(a)pyrene	25.356	252	27553	5.012	ng		99
92) Benzo(g,h,i)perylene	30.814	276	15210	2.326	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Quant Time: Dec 17 01:26:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
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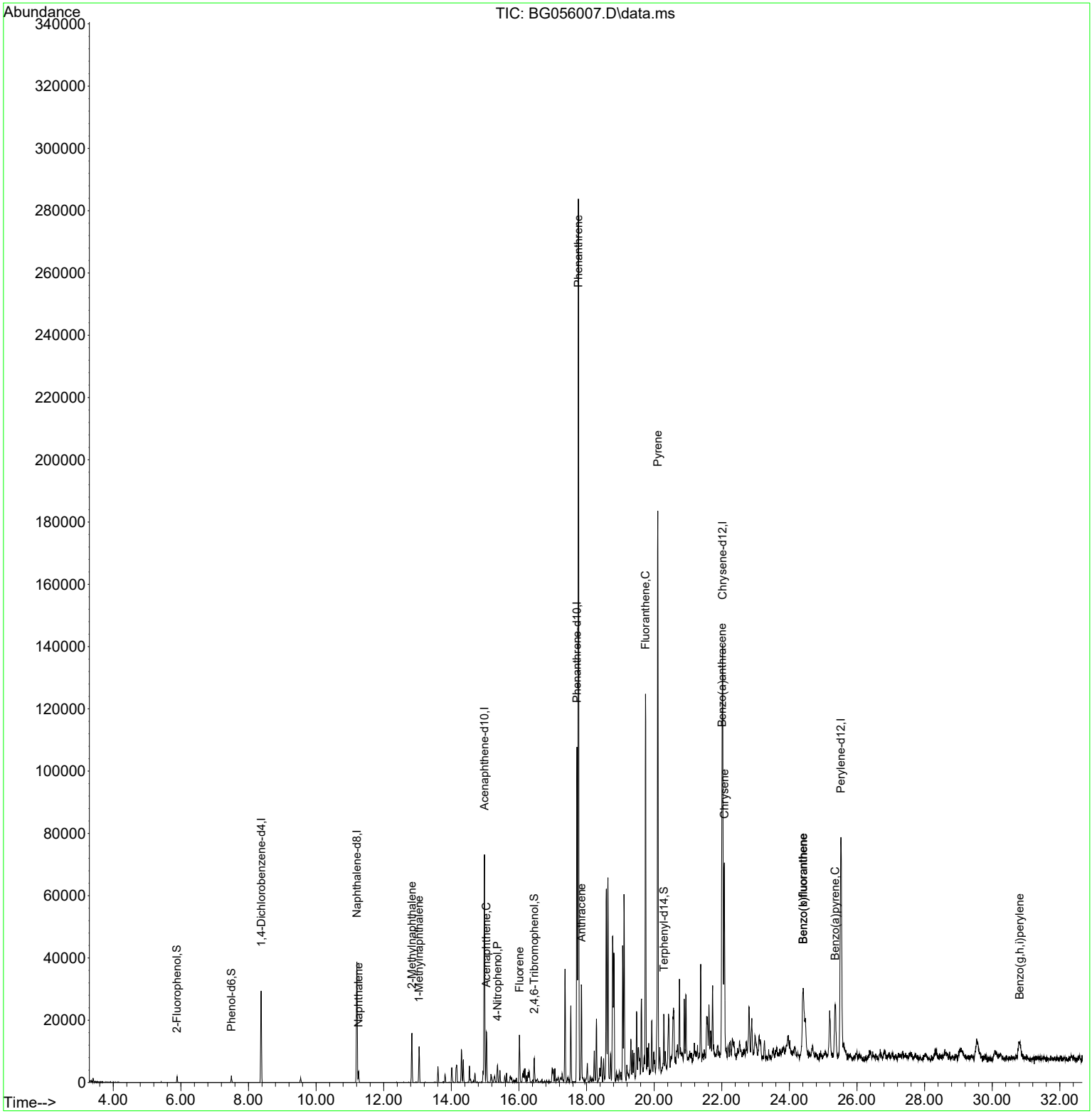
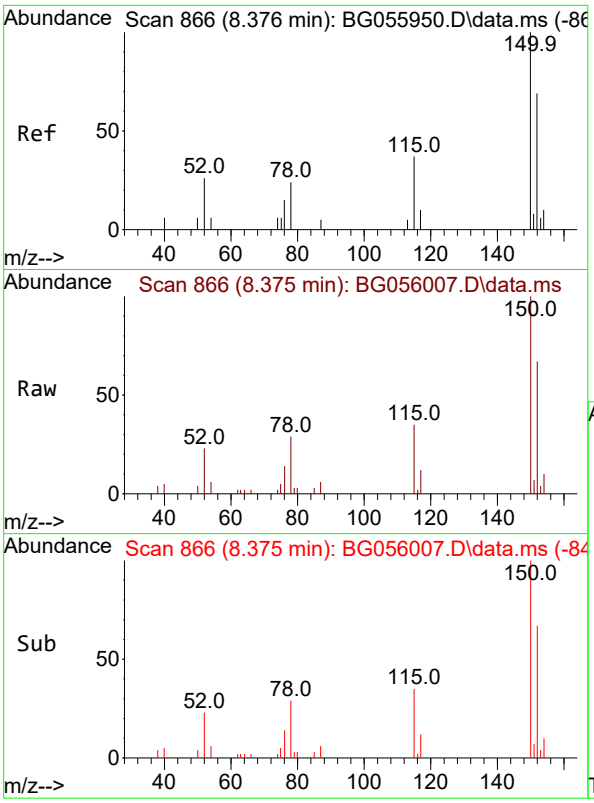


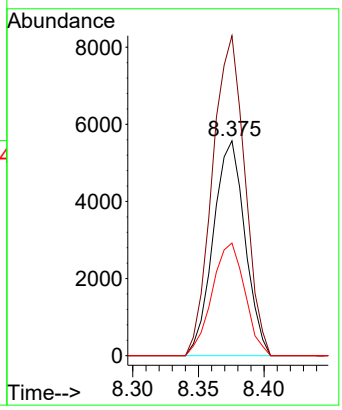


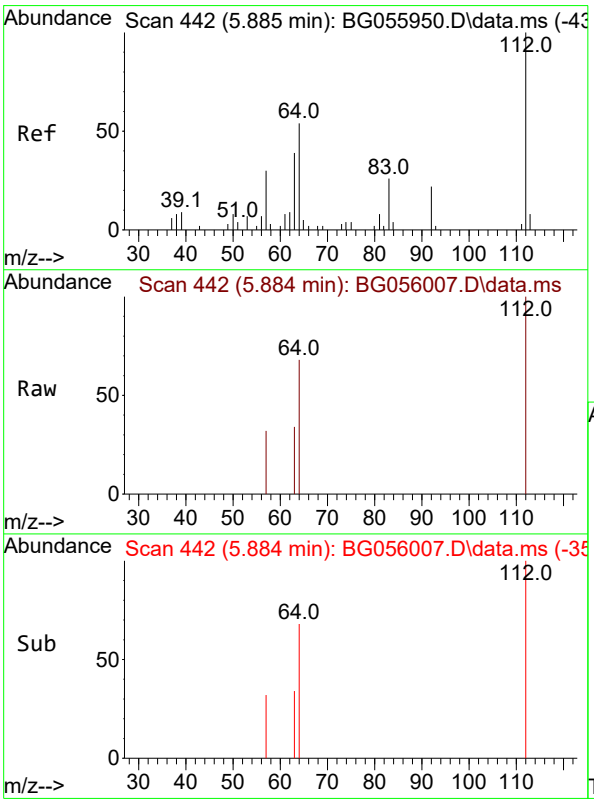
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.375 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:152 Resp: 9359

Ion	Ratio	Lower	Upper
152	100		
150	148.9	115.7	173.5
115	52.4	43.0	64.4

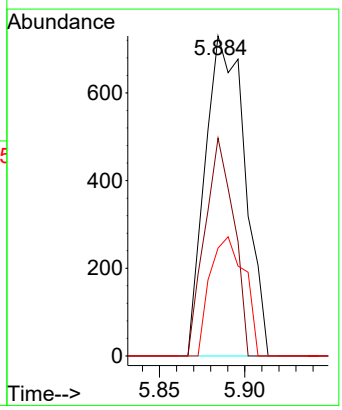


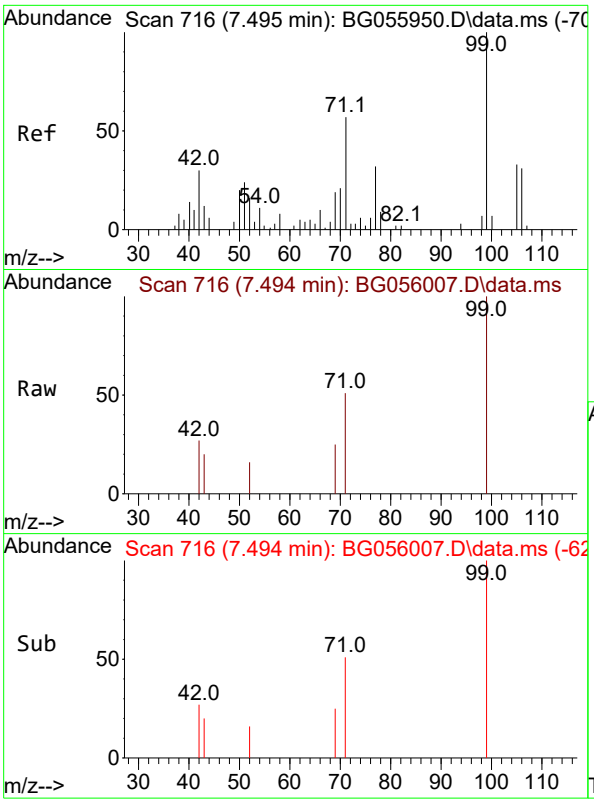


#5
2-Fluorophenol
Concen: 2.962 ng
RT: 5.884 min Scan# 442
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:112 Resp: 1182

Ion	Ratio	Lower	Upper
112	100		
64	68.1	43.0	64.4#
63	33.7	31.4	47.2



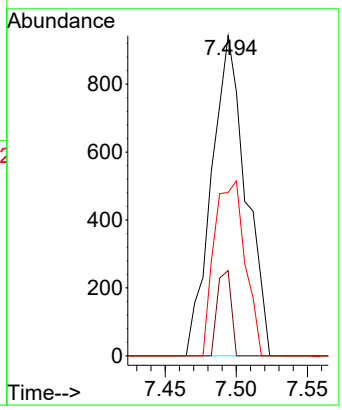


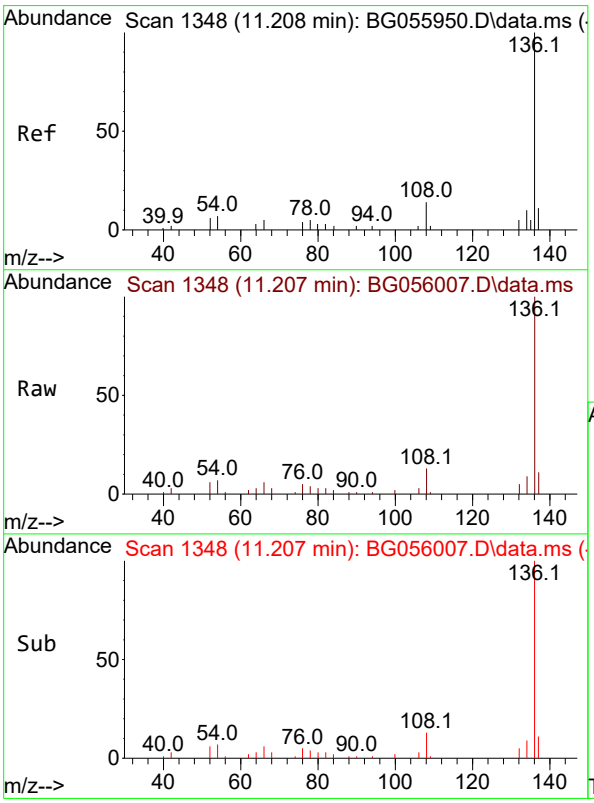
#7
Phenol-d6
Concen: 3.080 ng
RT: 7.494 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion: 99 Resp: 1581

Ion	Ratio	Lower	Upper
99	100		
42	26.6	24.3	36.5
71	51.0	45.6	68.4

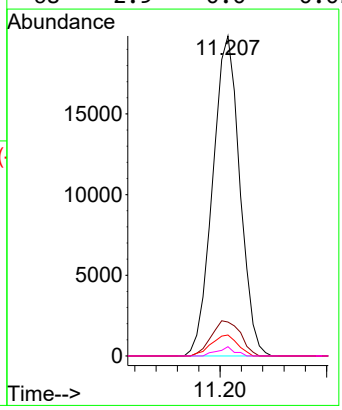


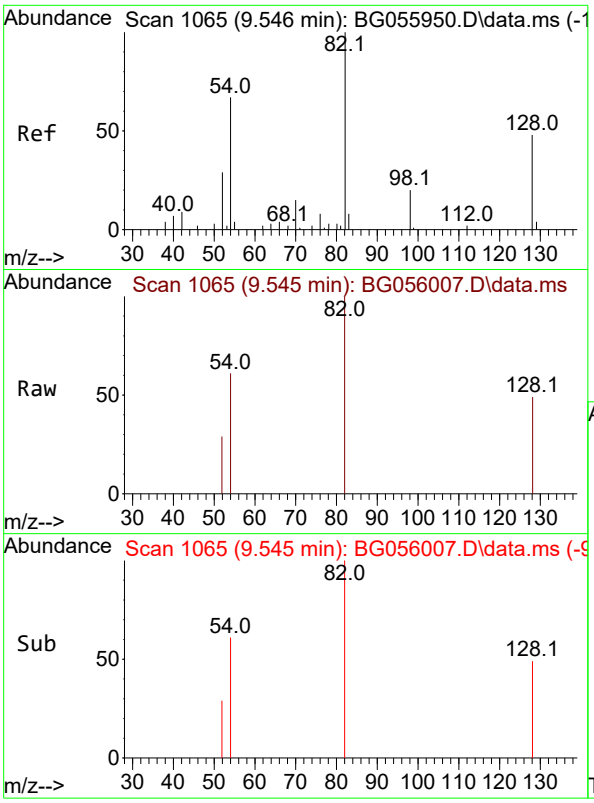


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:136 Resp: 35023

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.6	5.6	8.4
68	2.9	0.0	0.0#



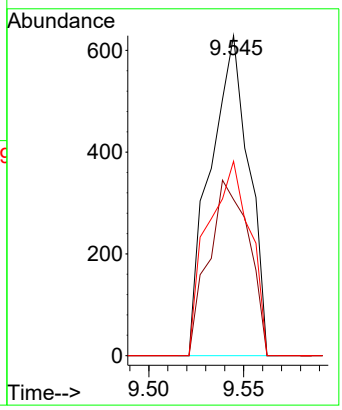


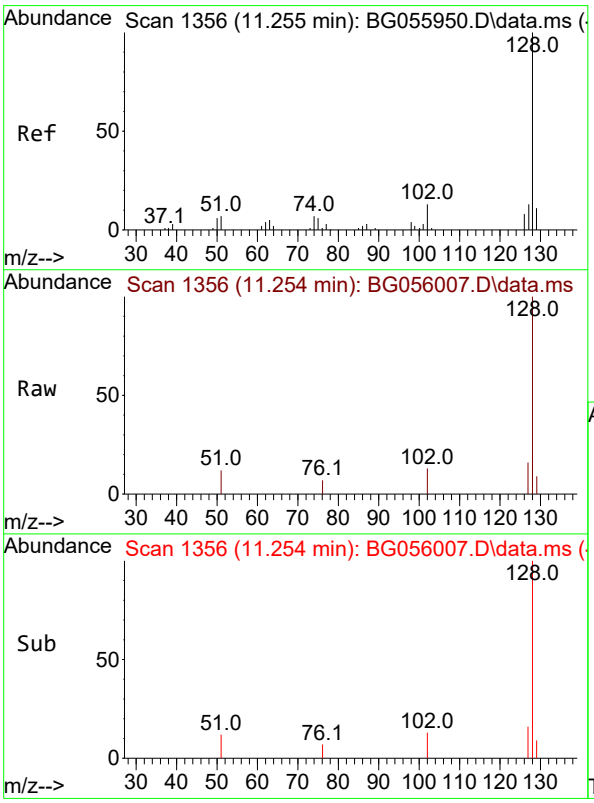
#23
Nitrobenzene-d5
Concen: 1.776 ng
RT: 9.545 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion: 82 Resp: 890

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.4	57.6
54	60.7	53.3	79.9

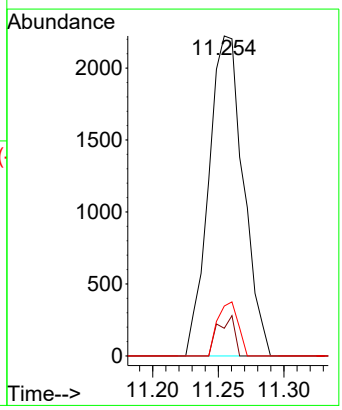


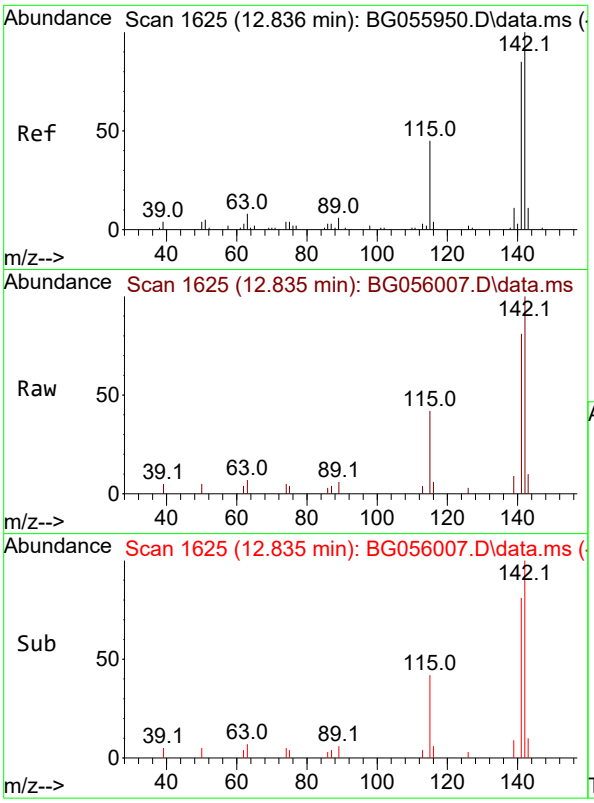


#31
Naphthalene
Concen: 2.208 ng
RT: 11.254 min Scan# 1356
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:128 Resp: 4080

Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.7	13.1#
127	15.6	10.3	15.5#



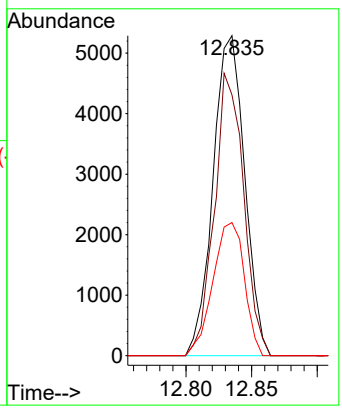


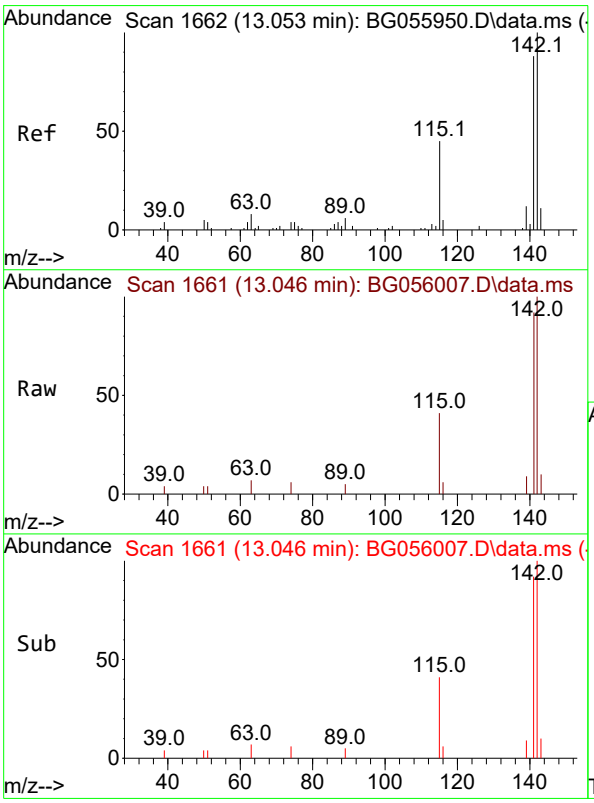
#37
2-Methylnaphthalene
Concen: 5.429 ng
RT: 12.835 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:142 Resp: 8864

Ion	Ratio	Lower	Upper
142	100		
141	81.5	67.8	101.6
115	41.6	35.7	53.5

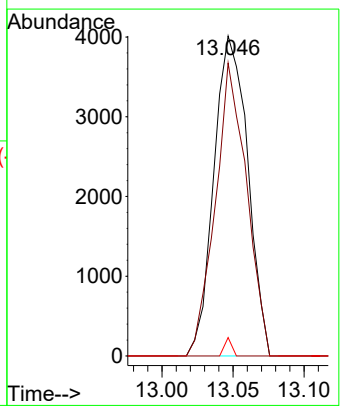


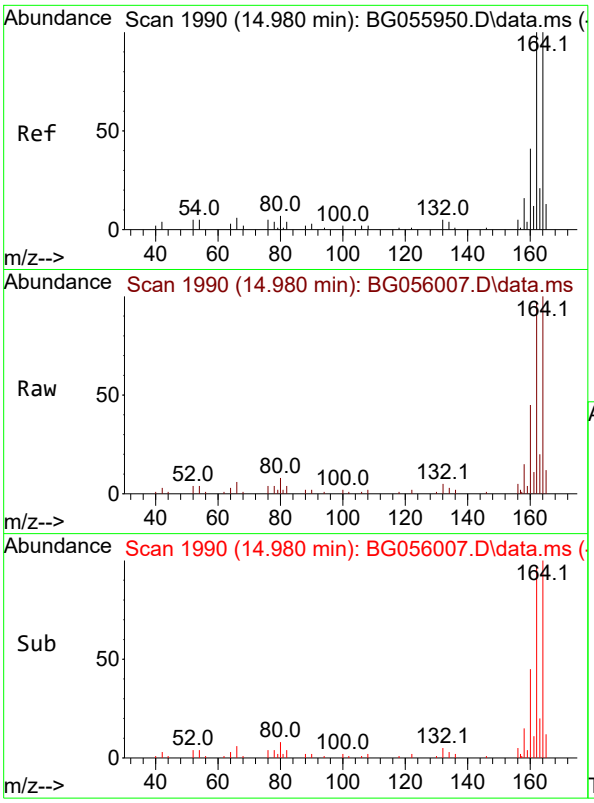


#38
1-Methylnaphthalene
Concen: 4.170 ng
RT: 13.046 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:142 Resp: 6632

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.2	105.2
116	5.8	3.8	5.8#



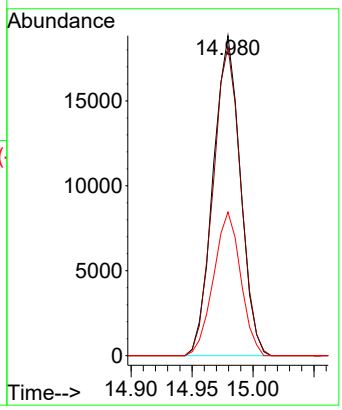


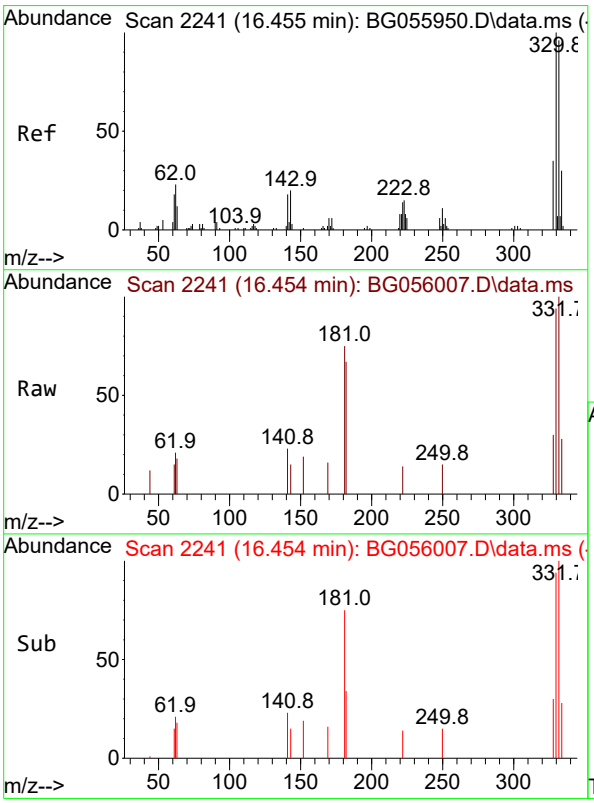
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:164 Resp: 29180

Ion	Ratio	Lower	Upper
164	100		
162	96.6	79.8	119.8
160	44.9	33.0	49.4

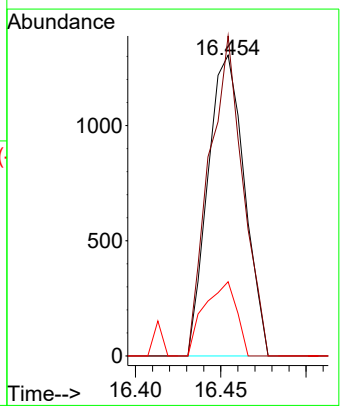


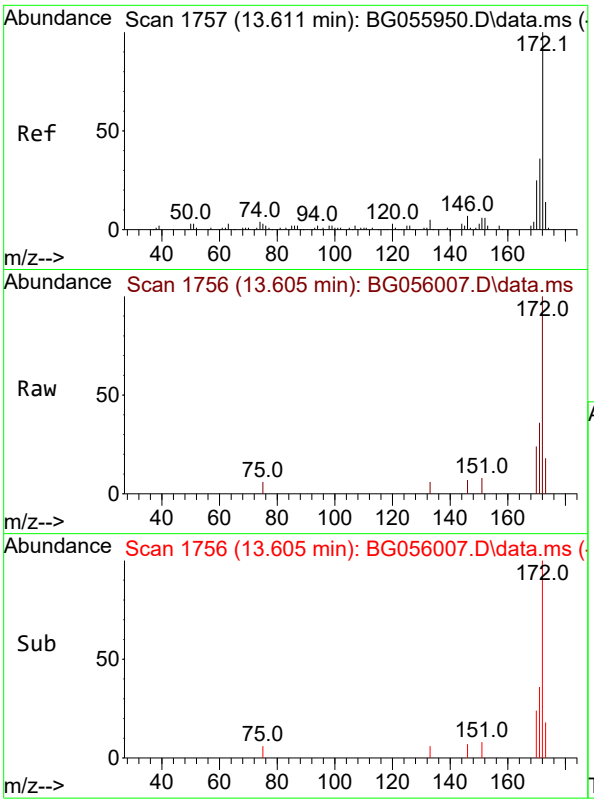


#42
2,4,6-Tribromophenol
Concen: 2.771 ng
RT: 16.454 min Scan# 2241
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:330 Resp: 1950

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	21.7	15.0	22.4



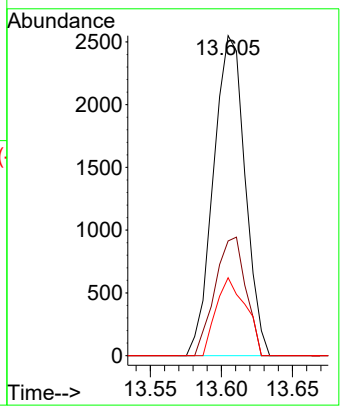


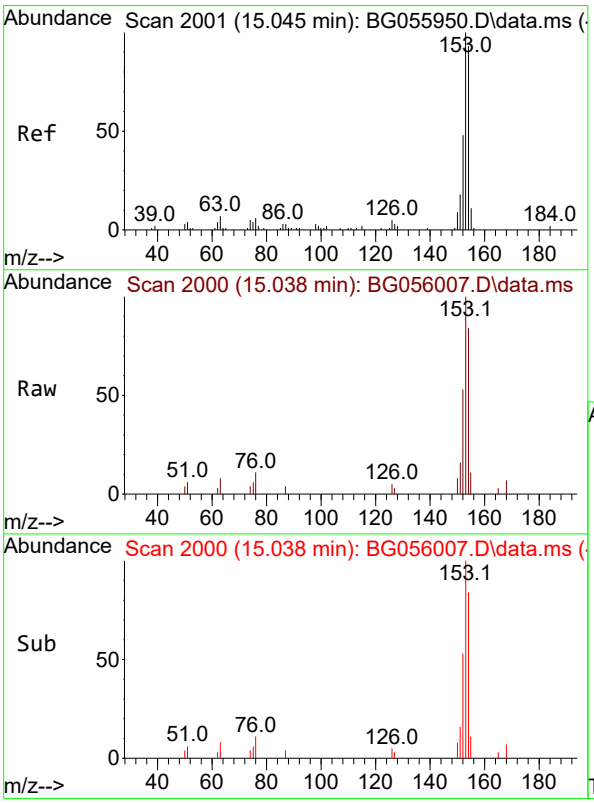
#45
2-Fluorobiphenyl
Concen: 1.897 ng
RT: 13.605 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:172 Resp: 3947

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.3	19.9	29.9

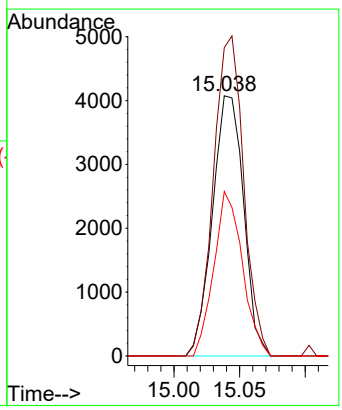


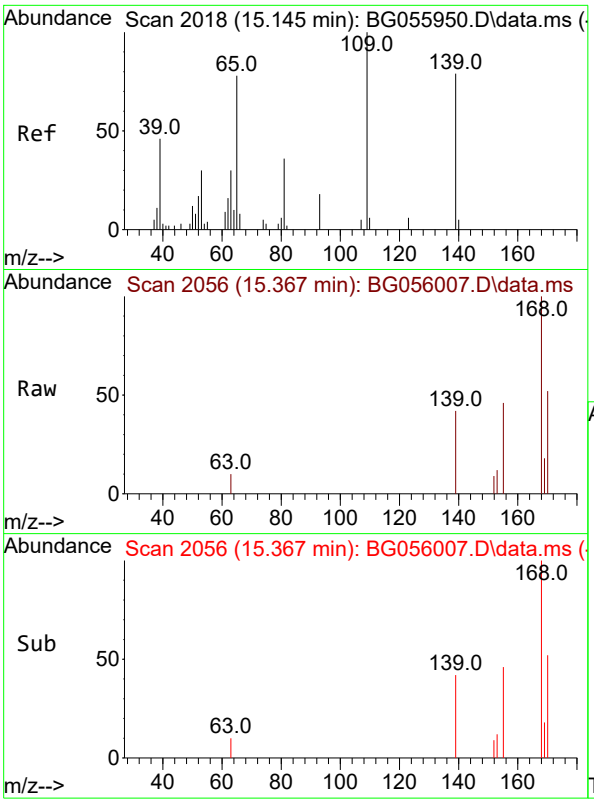


#52
Acenaphthene
Concen: 3.904 ng
RT: 15.038 min Scan# 2000
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:154 Resp: 6724

Ion	Ratio	Lower	Upper
154	100		
153	118.5	86.2	129.2
152	63.2	41.4	62.0#



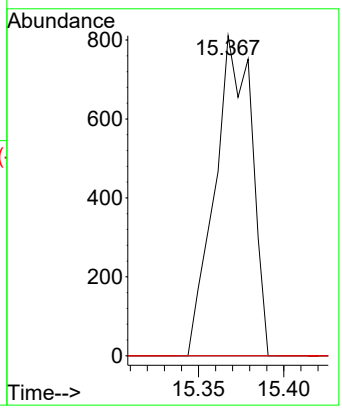


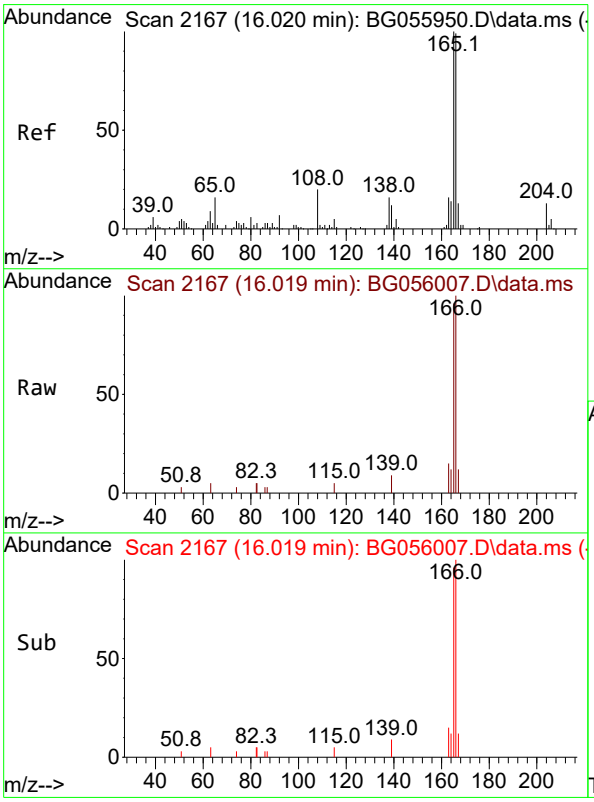
#56
4-Nitrophenol
Concen: 3.840 ng
RT: 15.367 min Scan# 2
Delta R.T. 0.217 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:139 Resp: 1222

Ion	Ratio	Lower	Upper
139	100		
109	0.0	106.7	146.7#
65	0.0	79.2	119.2#

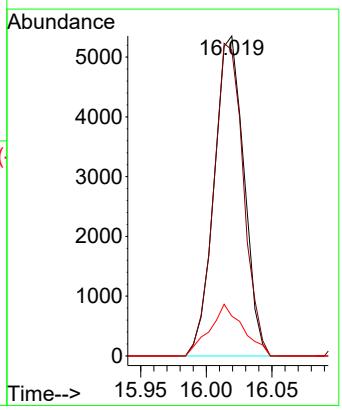


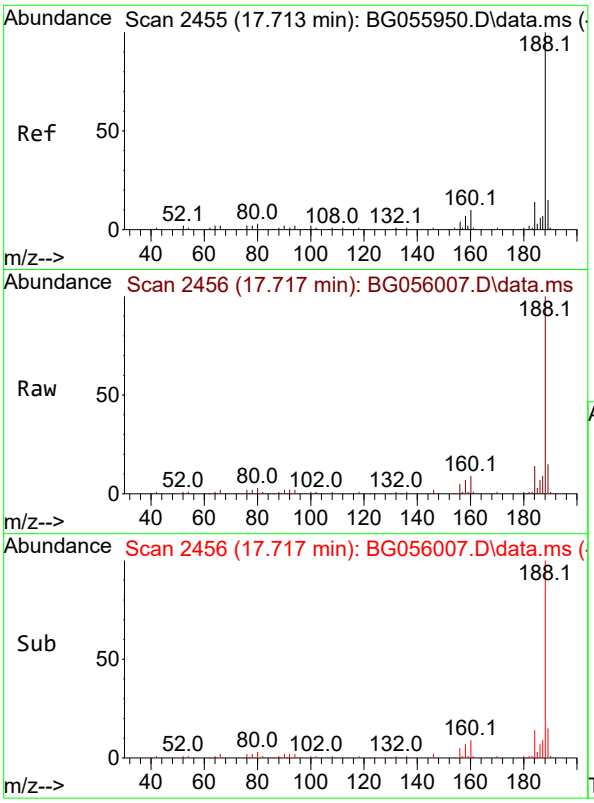


#58
Fluorene
Concen: 3.560 ng
RT: 16.019 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:166 Resp: 8428

Ion	Ratio	Lower	Upper
166	100		
165	95.6	81.1	121.7
167	12.4	10.5	15.7



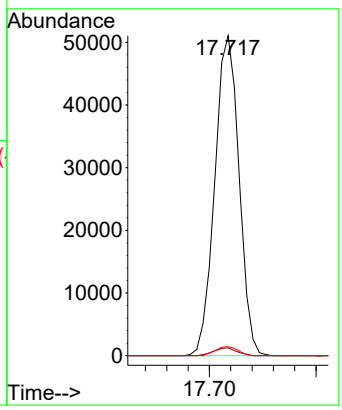


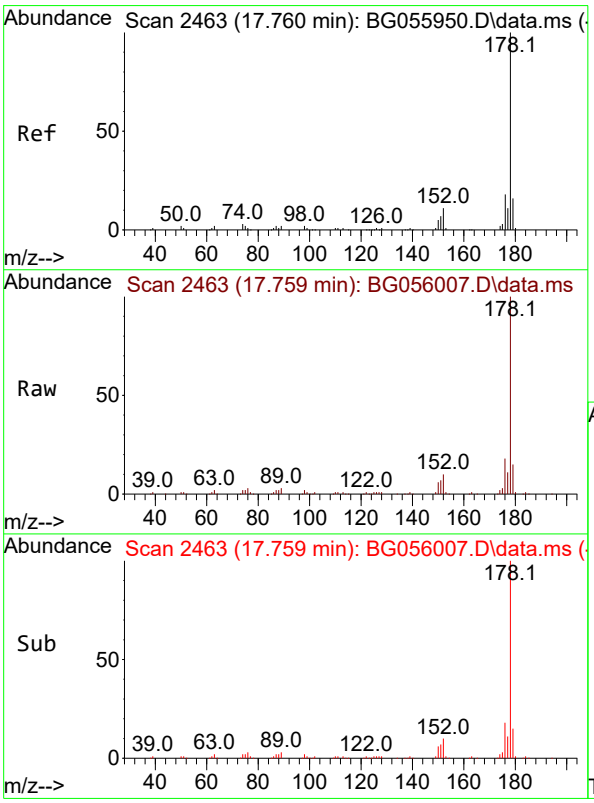
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.717 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:188 Resp: 80475

Ion	Ratio	Lower	Upper
188	100		
94	2.5	1.8	2.8
80	2.8	2.4	3.6

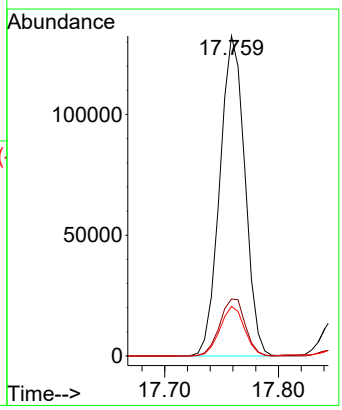


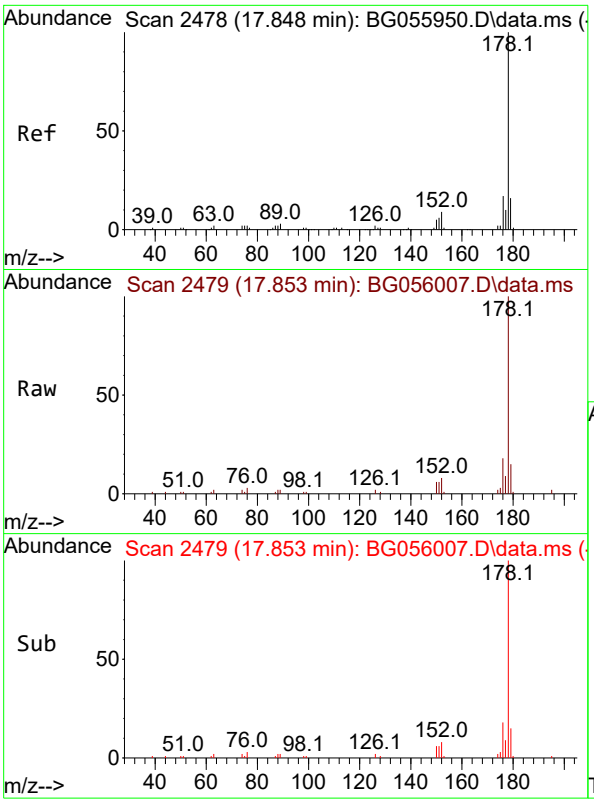


#71
Phenanthrene
Concen: 48.039 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:178 Resp: 202595

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.5	12.7	19.1



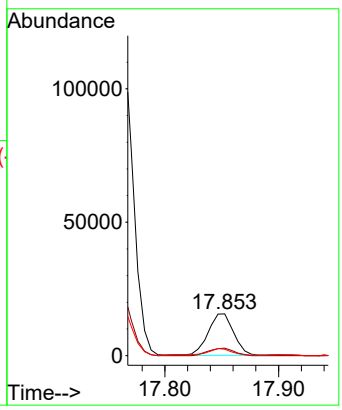


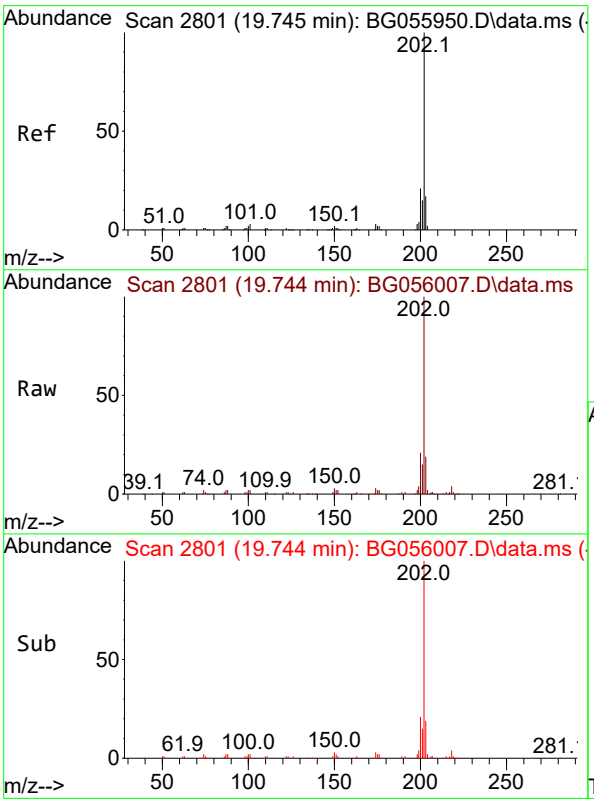
#72
Anthracene
Concen: 5.784 ng
RT: 17.853 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:178 Resp: 24134

Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.9	20.9
179	15.2	12.7	19.1

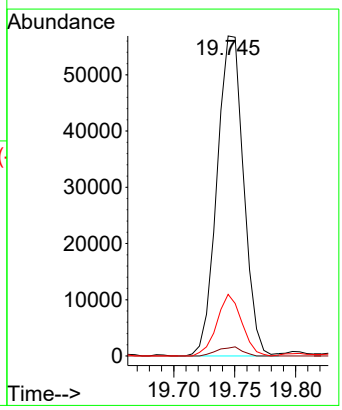


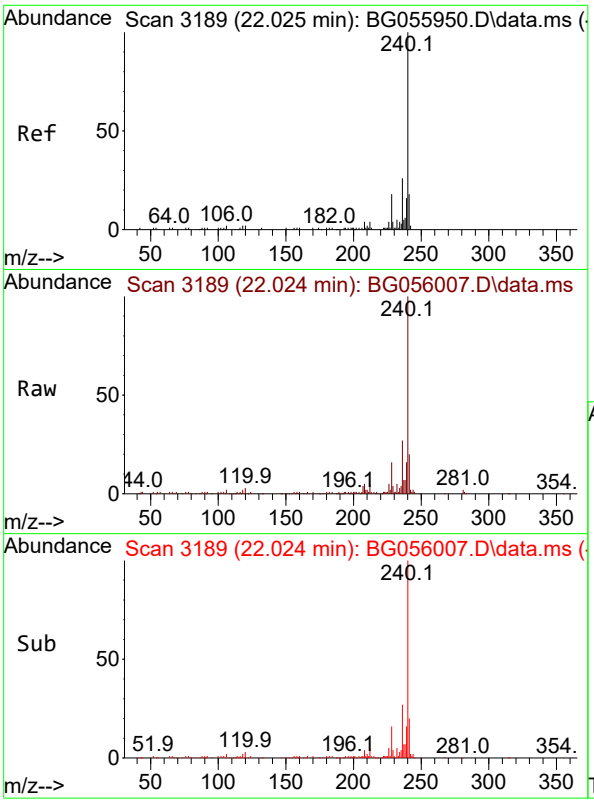


#75
Fluoranthene
Concen: 14.665 ng
RT: 19.744 min Scan# 2801
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:202 Resp: 86603

Ion	Ratio	Lower	Upper
202	100		
101	2.5	0.0	22.6
203	19.3	0.0	37.1



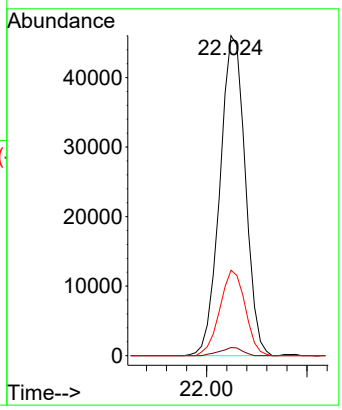


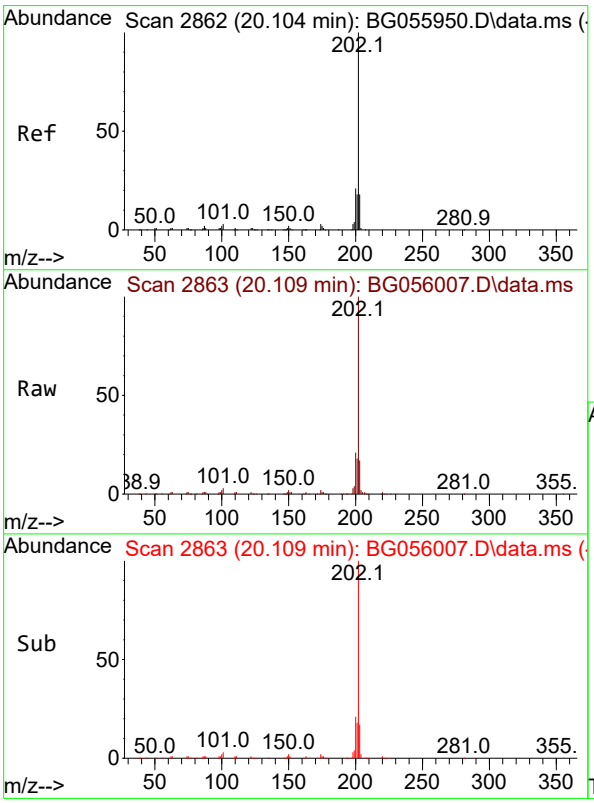
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:240 Resp: 80768

Ion	Ratio	Lower	Upper
240	100		
120	2.6	1.7	2.5#
236	26.7	21.1	31.7

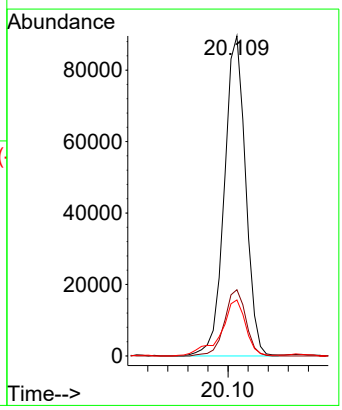


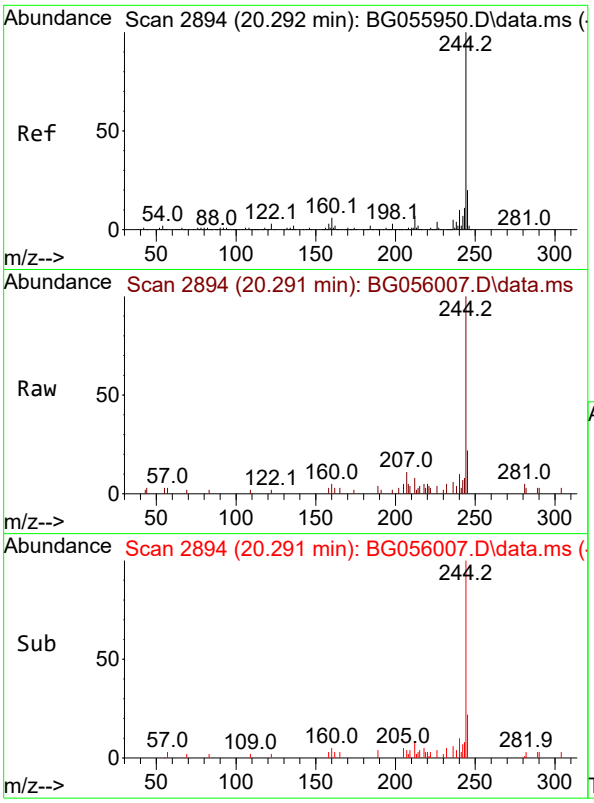


#78
Pyrene
Concen: 26.910 ng
RT: 20.109 min Scan# 2863
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:202 Resp: 131518

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	14.6	21.8



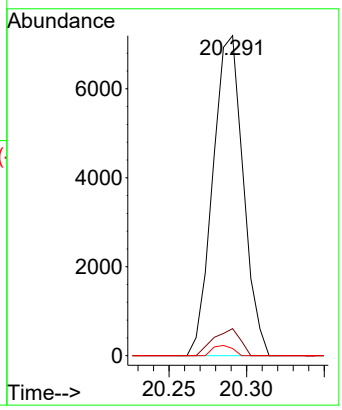


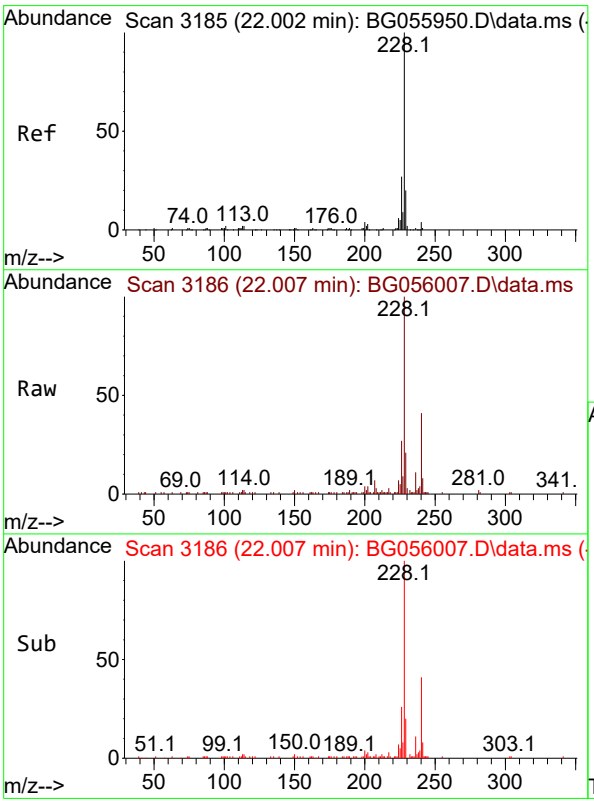
#79
Terphenyl-d14
Concen: 2.142 ng
RT: 20.291 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:244 Resp: 9790

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	2.2	2.5	3.7#

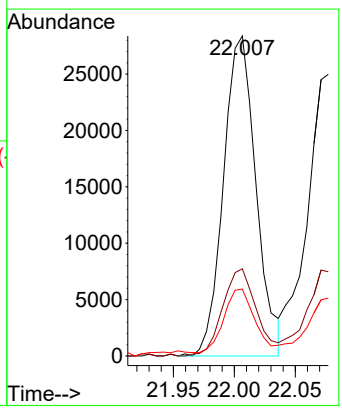


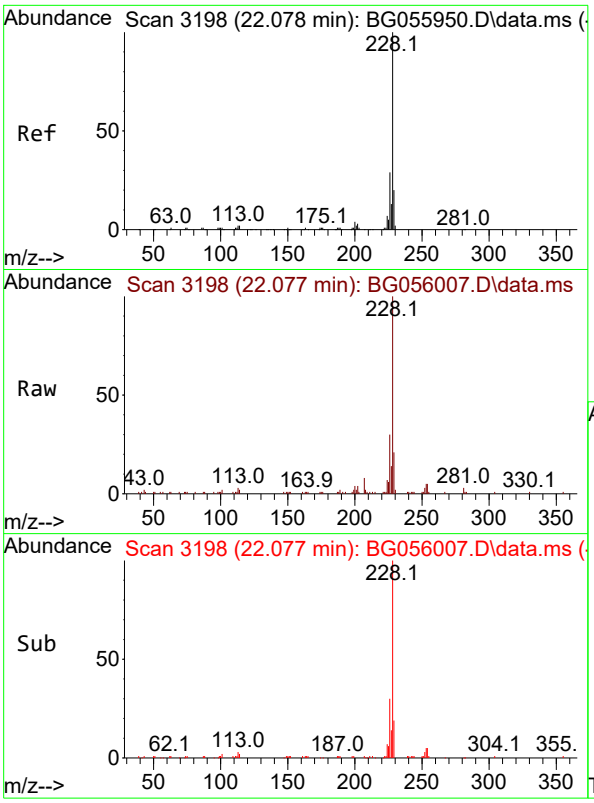


#81
Benzo(a)anthracene
Concen: 9.280 ng
RT: 22.007 min Scan# 3186
Delta R.T. -0.001 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:228 Resp: 52743

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.9	15.9	23.9



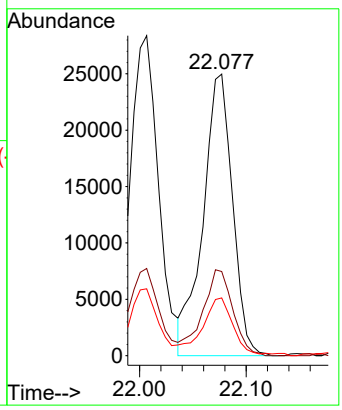


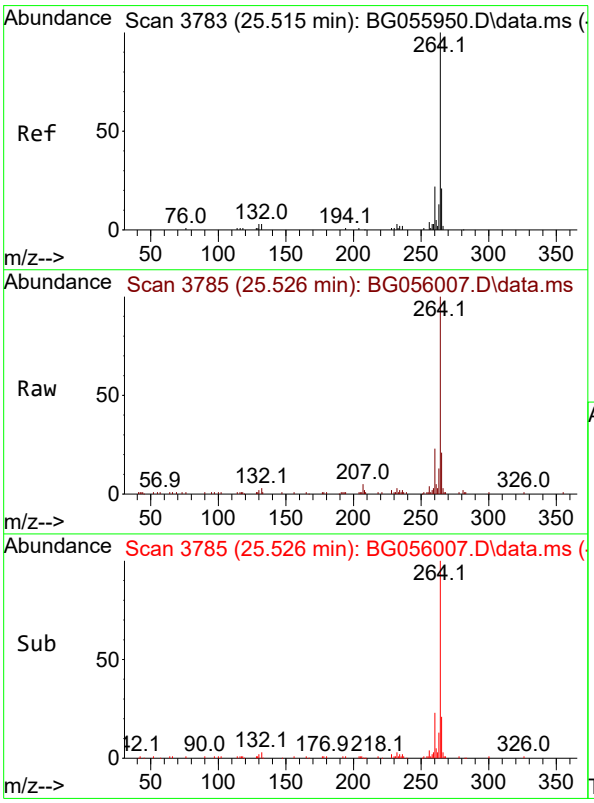
#83
Chrysene
Concen: 9.016 ng
RT: 22.077 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:228 Resp: 48026

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	20.5	15.7	23.5

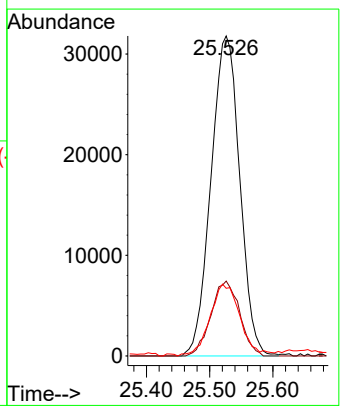


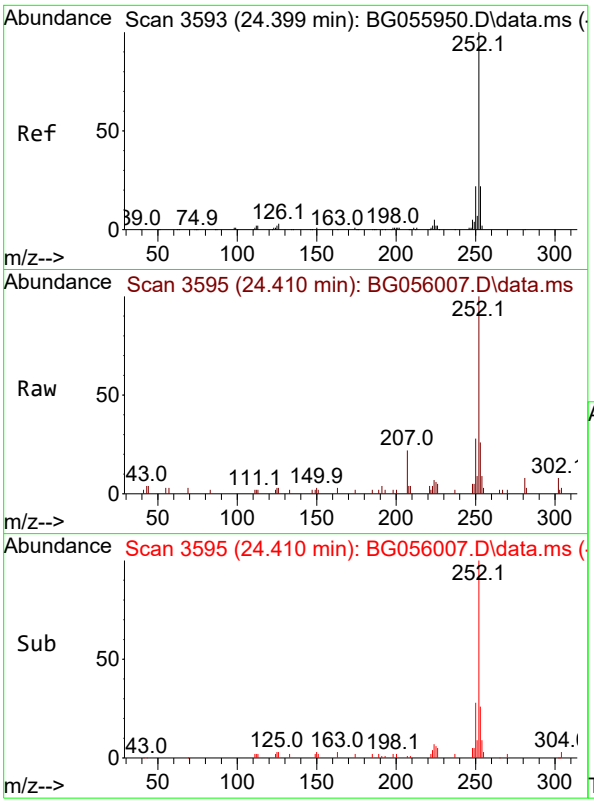


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.526 min Scan# 3785
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:264 Resp: 100497

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.8
265	21.2	16.6	25.0



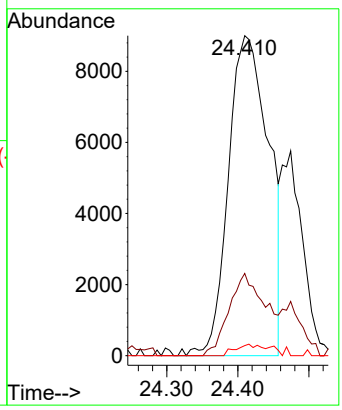


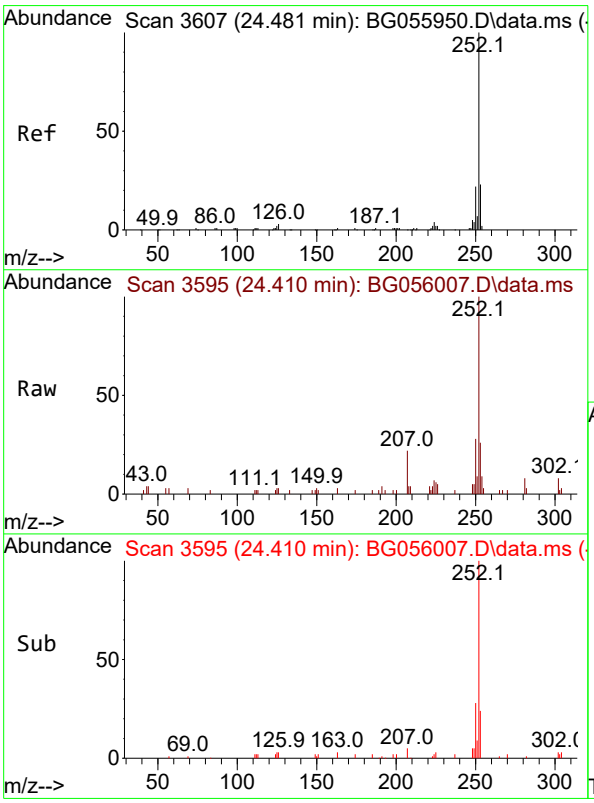
#88
Benzo(b)fluoranthene
Concen: 5.450 ng
RT: 24.410 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:252 Resp: 35445

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	3.2	1.8	2.8#

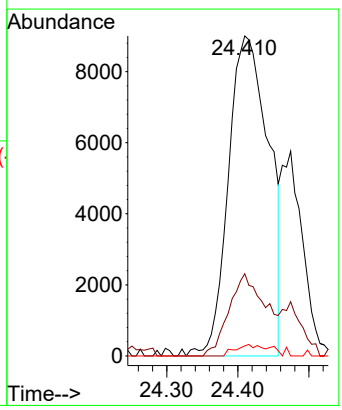


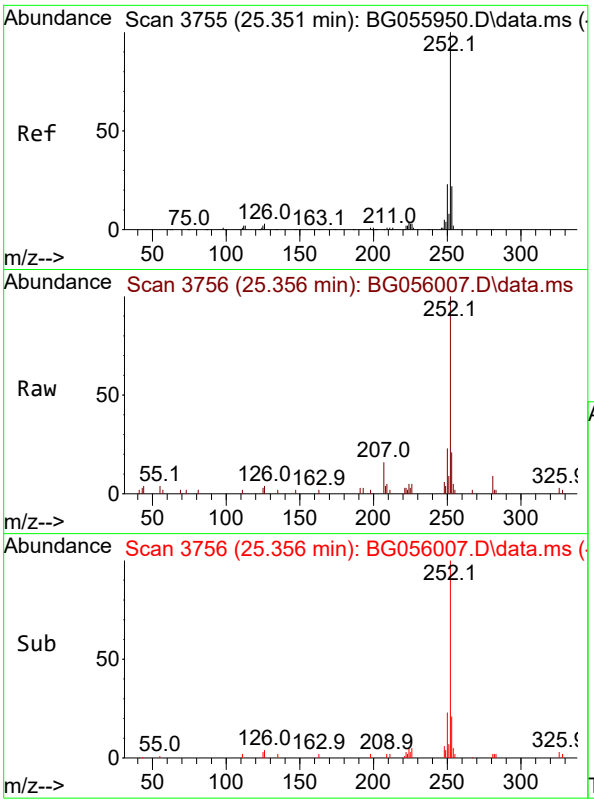


#89
Benzo(k)fluoranthene
Concen: 5.462 ng
RT: 24.410 min Scan# 3595
Delta R.T. -0.077 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:252 Resp: 35445

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.2
125	3.2	2.0	3.0#



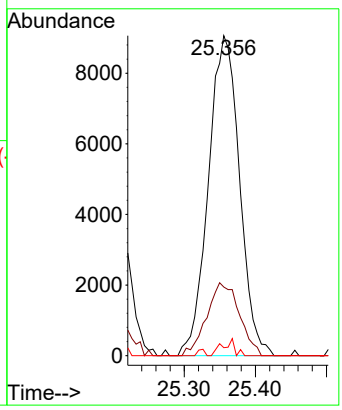


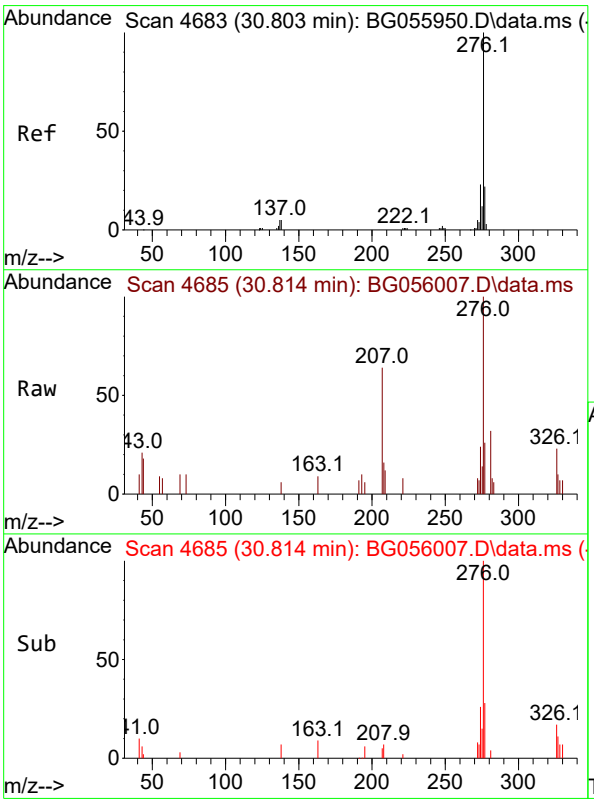
#90
Benzo(a)pyrene
Concen: 5.012 ng
RT: 25.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)DL

Tgt Ion:252 Resp: 27553

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	2.5	1.9	2.9





#92
Benzo(g,h,i)perylene
Concen: 2.326 ng
RT: 30.814 min Scan# 4685
Delta R.T. -0.024 min
Lab File: BG056007.D
Acq: 16 Dec 2022 23:59

Tgt Ion:276 Resp: 15210

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.8	26.6
138	6.3	3.8	5.6#