Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054354.D
Acq On : 21 Jul 2022 21:20
Operator : CG/JU
Sample : N3815-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-190E

Quant Time: Jul 22 02:38:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.994	152	21521	20.000	ng		0.00
21) Naphthalene-d8	10.803	136	81921	20.000	ng	#	0.00
39) Acenaphthene-d10	14.634	164	62998	20.000	ng		0.00
64) Phenanthrene-d10	17.378	188	151815	20.000	ng	#	0.00
76) Chrysene-d12	21.643	240	161015	20.000	ng	#	0.00
86) Perylene-d12	24.863	264	173380	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.574	112	80744	78.335	ng		0.00
7) Phenol-d6	7.178	99	111320	78.817	ng		0.00
23) Nitrobenzene-d5	9.158	82	73924	49.141	ng		0.00
42) 2,4,6-Tribromophenol	16.120	330	97803	73.941	ng		0.00
45) 2-Fluorobiphenyl	13.253	172	220223	49.314	ng		0.00
79) Terphenyl-d14	19.986	244	407259	50.177	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.419	178	18172	2.404	ng		97
75) Fluoranthene	19.428	202	49535	4.806	ng		93
78) Pyrene	19.792	202	51750	5.601	ng		100
81) Benzo(a)anthracene	21.625	228	33154	3.244	ng		94
83) Chrysene	21.690	228	32347	3.350	ng	#	94
88) Benzo(b)fluoranthene	23.835	252	47544	4.637	ng	#	84
90) Benzo(a)pyrene	24.704	252	35264	4.027	ng	#	91
92) Benzo(g,h,i)perylene	29.687	276	22347	2.088	ng	#	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054354.D
Acq On : 21 Jul 2022 21:20
Operator : CG/JU
Sample : N3815-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-190E

Quant Time: Jul 22 02:38:10 2022
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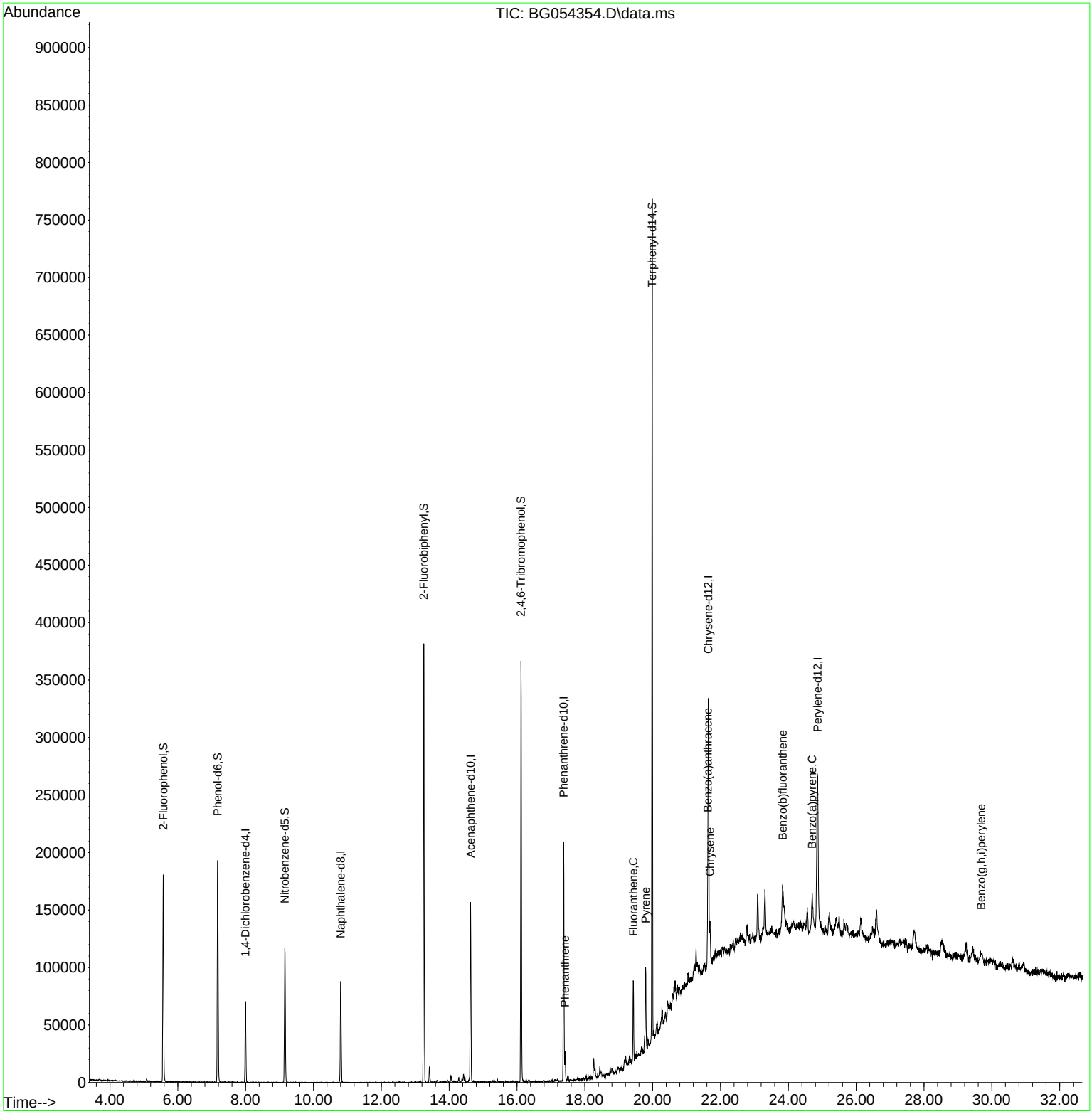
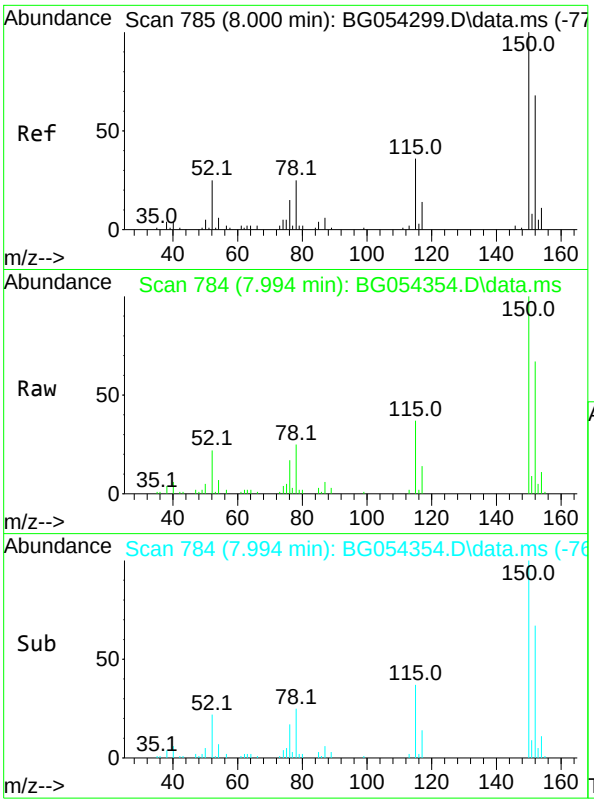
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



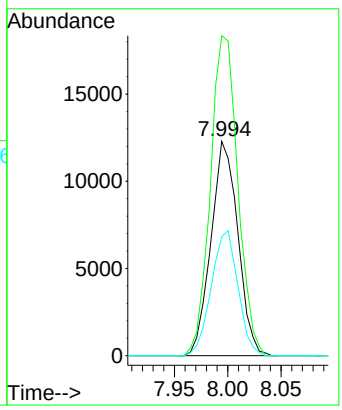


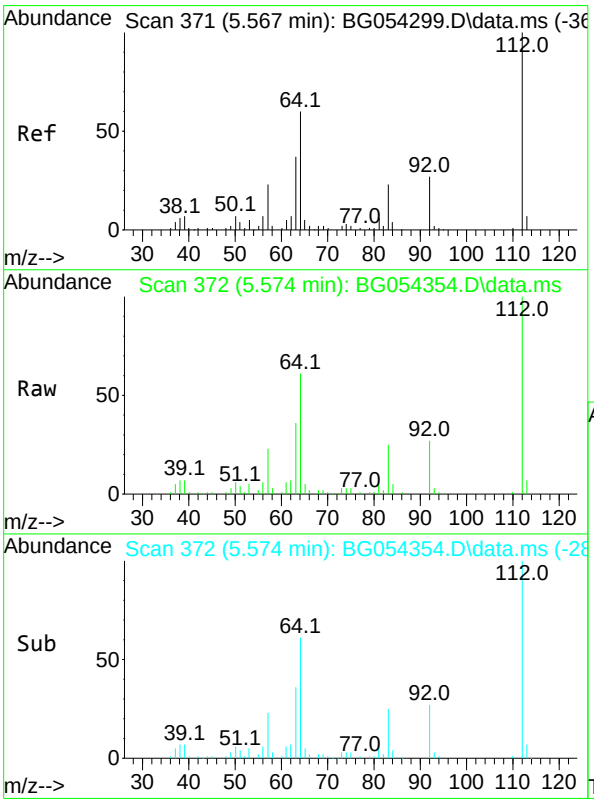
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 78
Delta R.T. -0.006 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:152 Resp: 21521

Ion	Ratio	Lower	Upper
152	100		
150	149.2	131.6	197.4
115	55.5	50.9	76.3

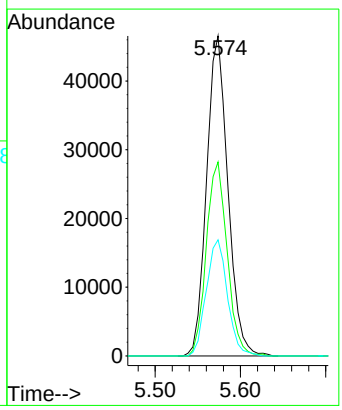


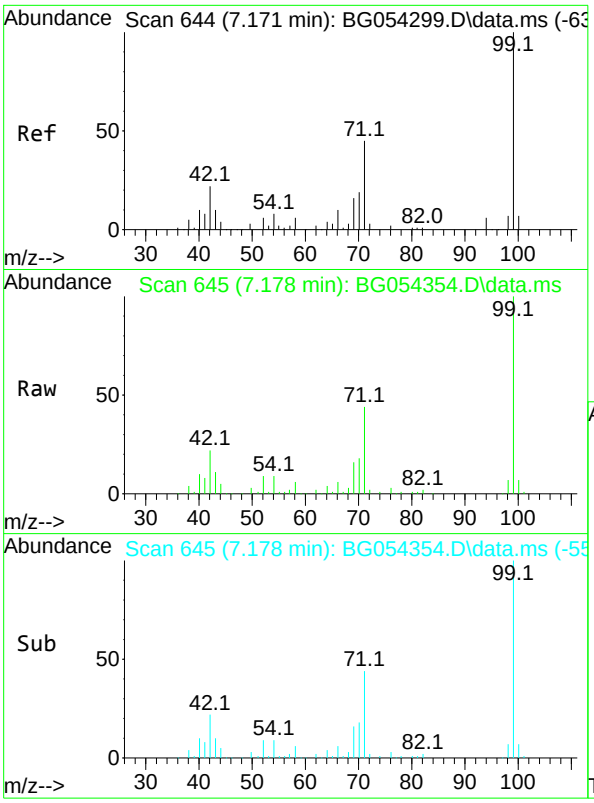


#5
2-Fluorophenol
Concen: 78.335 ng
RT: 5.574 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:112 Resp: 80744

Ion	Ratio	Lower	Upper
112	100		
64	60.6	55.1	82.7
63	36.3	30.4	45.6



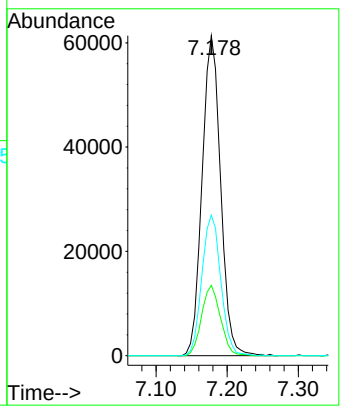


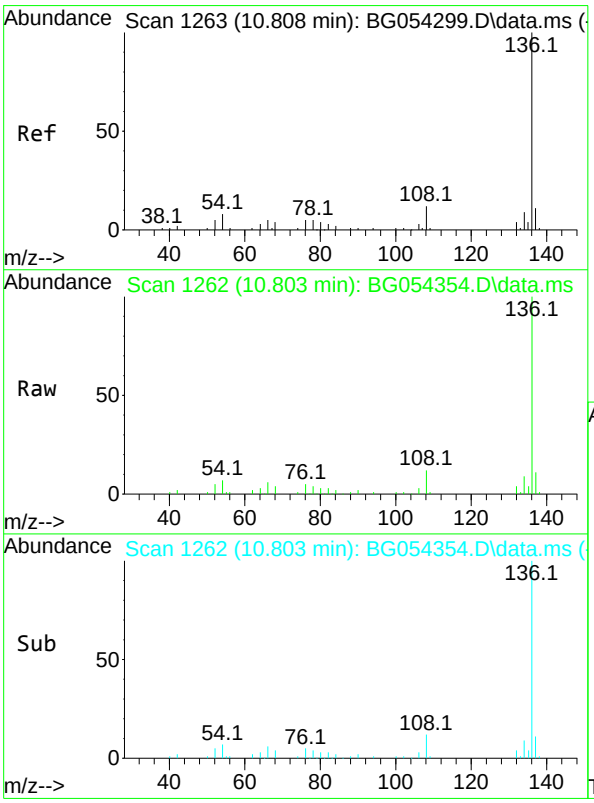
#7
Phenol-d6
Concen: 78.817 ng
RT: 7.178 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion: 99 Resp: 111320

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	43.9	33.8	50.8

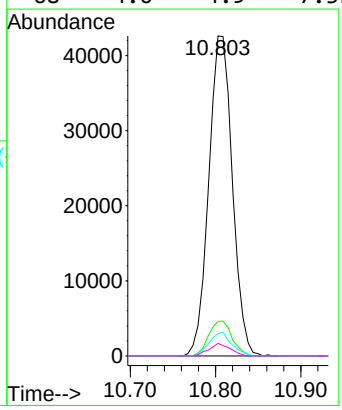


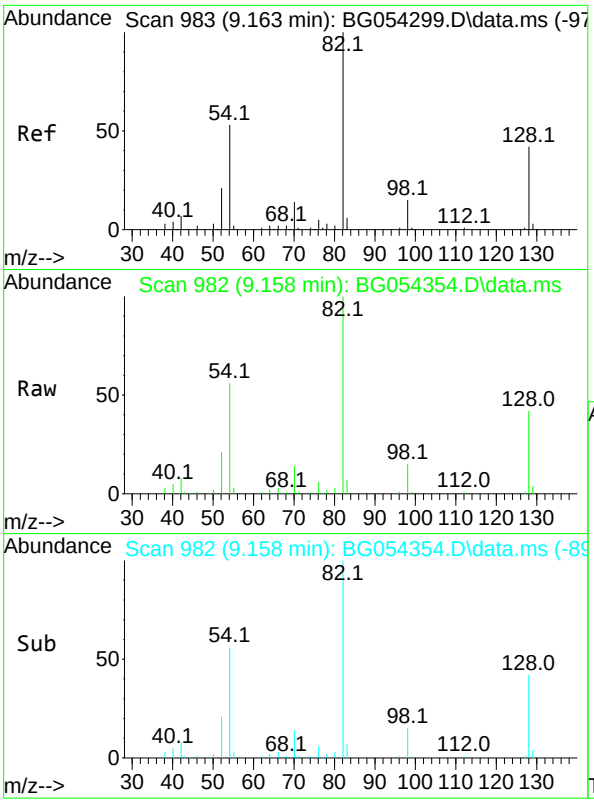


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:136 Resp: 81921

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	7.4	11.2#
68	4.0	4.9	7.3#



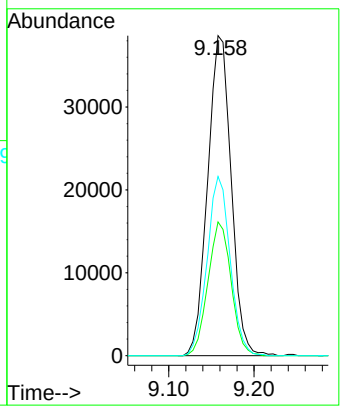


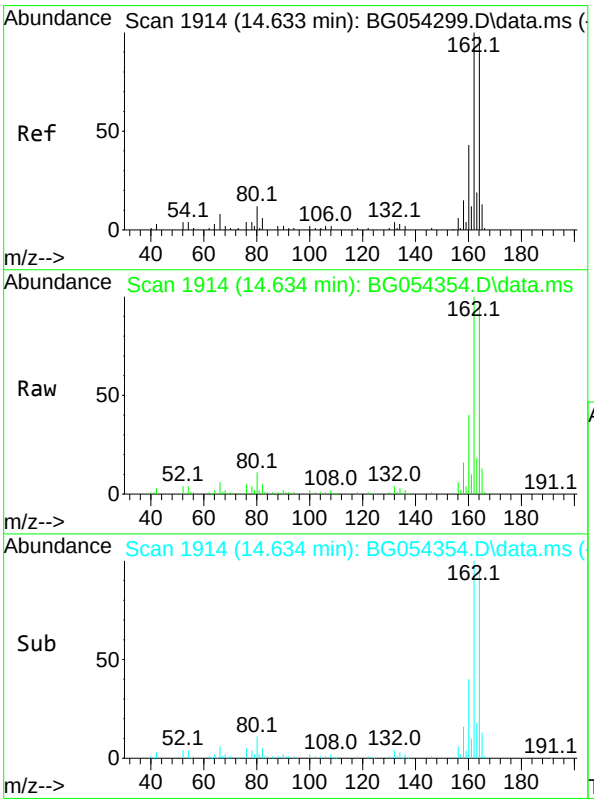
#23
Nitrobenzene-d5
Concen: 49.141 ng
RT: 9.158 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion: 82 Resp: 73924

Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	56.0	41.2	61.8

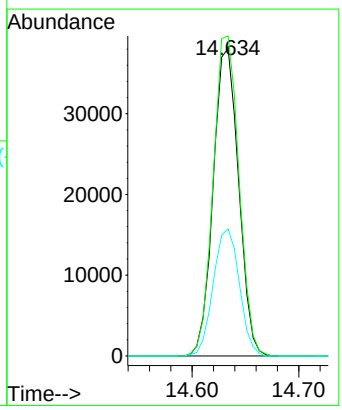


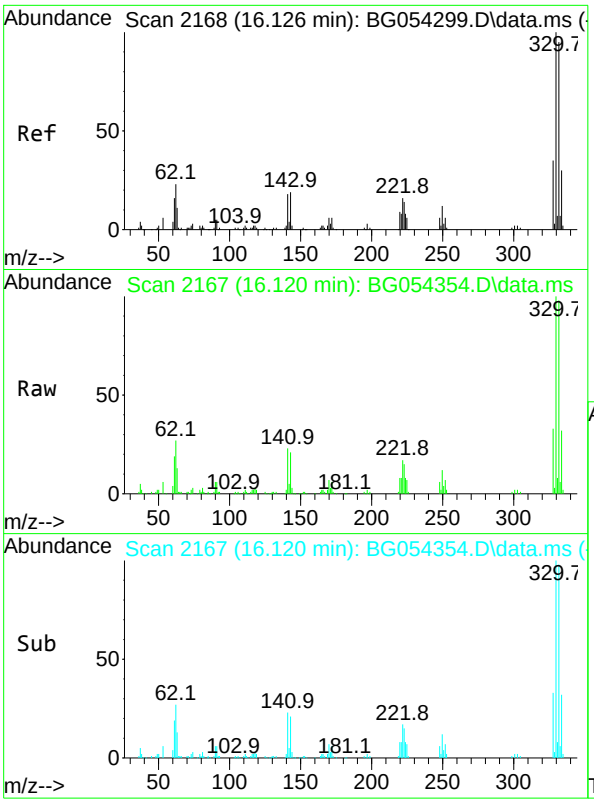


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:164 Resp: 62998

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.3	123.5
160	41.3	34.2	51.2



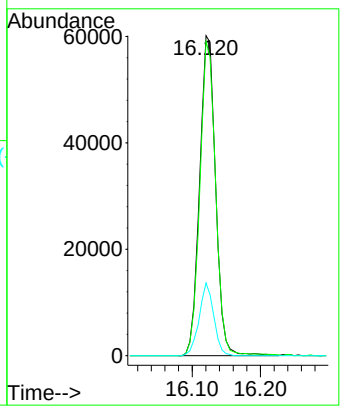


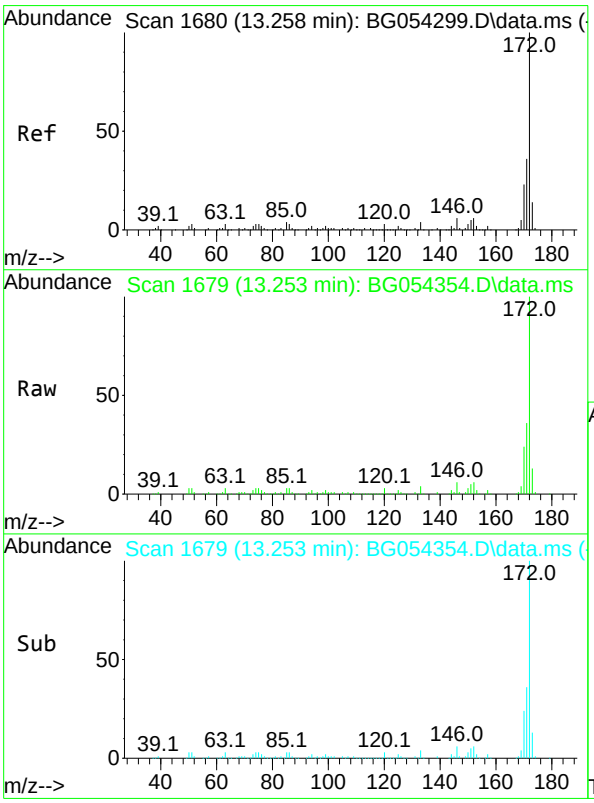
#42
2,4,6-Tribromophenol
Concen: 73.941 ng
RT: 16.120 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:330 Resp: 97803

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	20.7	27.1	40.7#

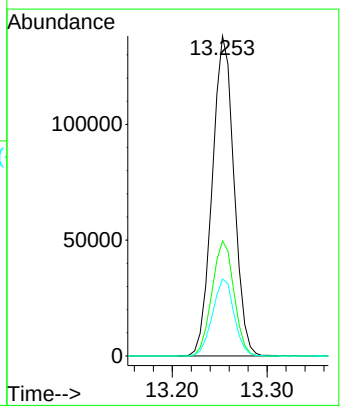


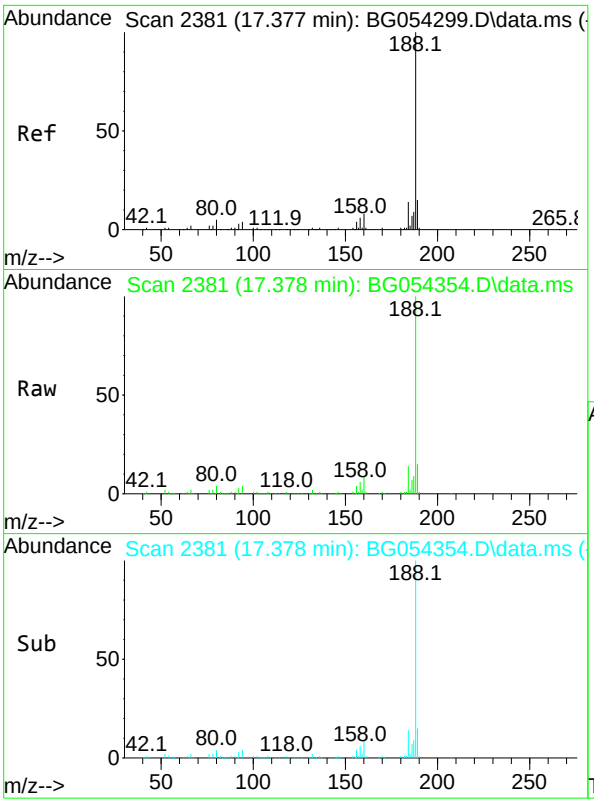


#45
2-Fluorobiphenyl
Concen: 49.314 ng
RT: 13.253 min Scan# 1679
Delta R.T. -0.005 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:172 Resp: 220223

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.1	18.9	28.3



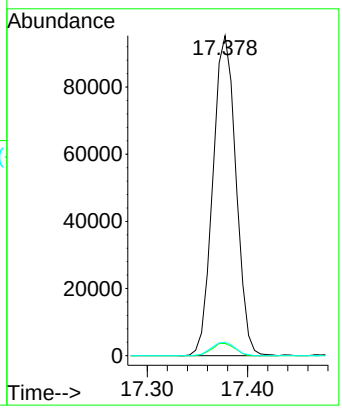


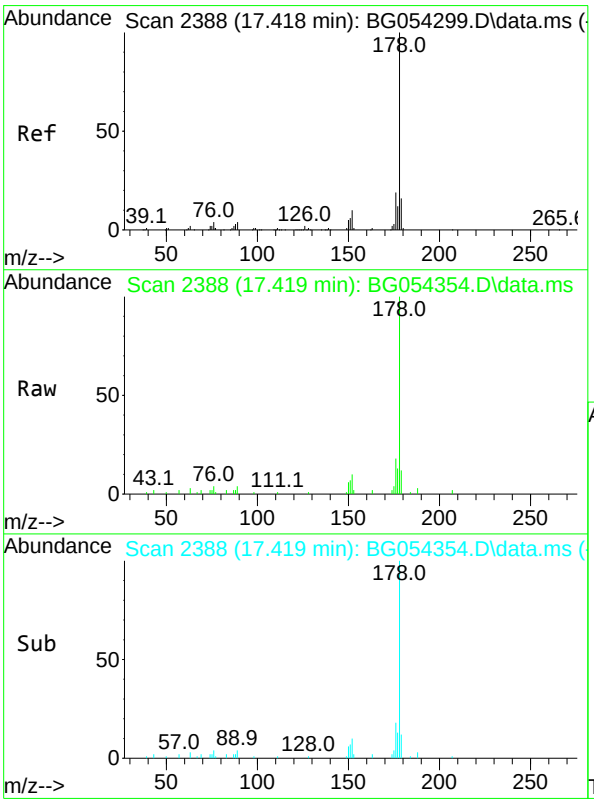
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.378 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:188 Resp: 151815

Ion	Ratio	Lower	Upper
188	100		
94	3.8	5.4	8.0#
80	4.2	6.8	10.2#

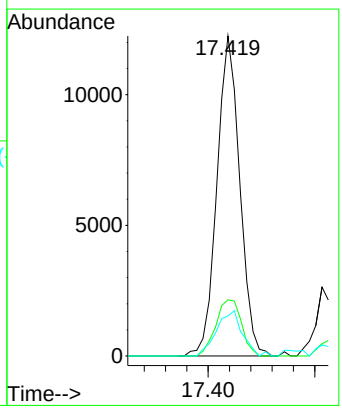


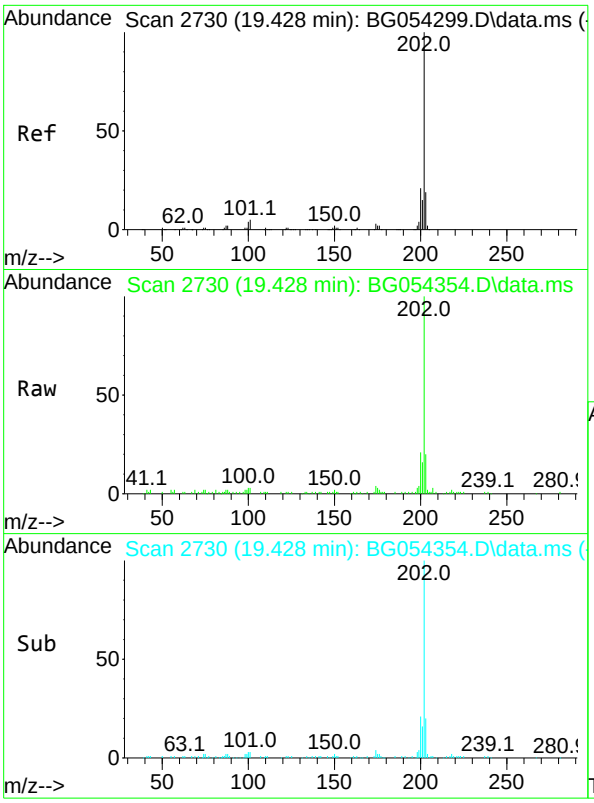


#71
Phenanthrene
Concen: 2.404 ng
RT: 17.419 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:178 Resp: 18172

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.1	21.1
179	12.5	12.1	18.1



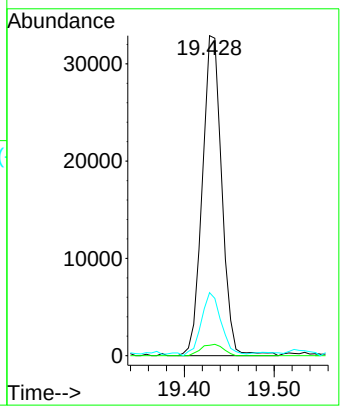


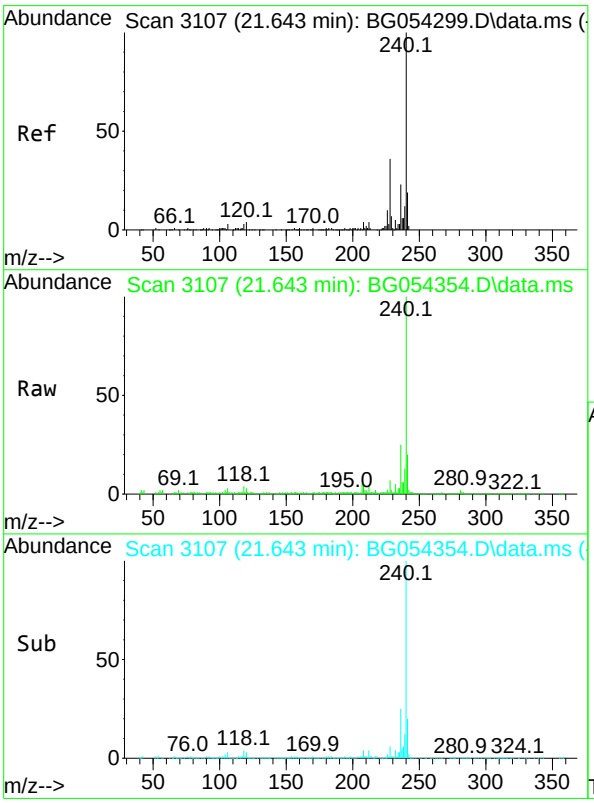
#75
Fluoranthene
Concen: 4.806 ng
RT: 19.428 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:202 Resp: 49535

Ion	Ratio	Lower	Upper
202	100		
101	3.3	0.0	26.9
203	19.7	0.0	37.2

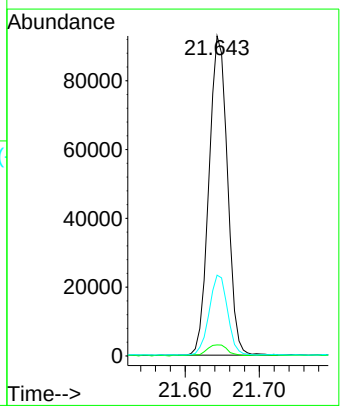


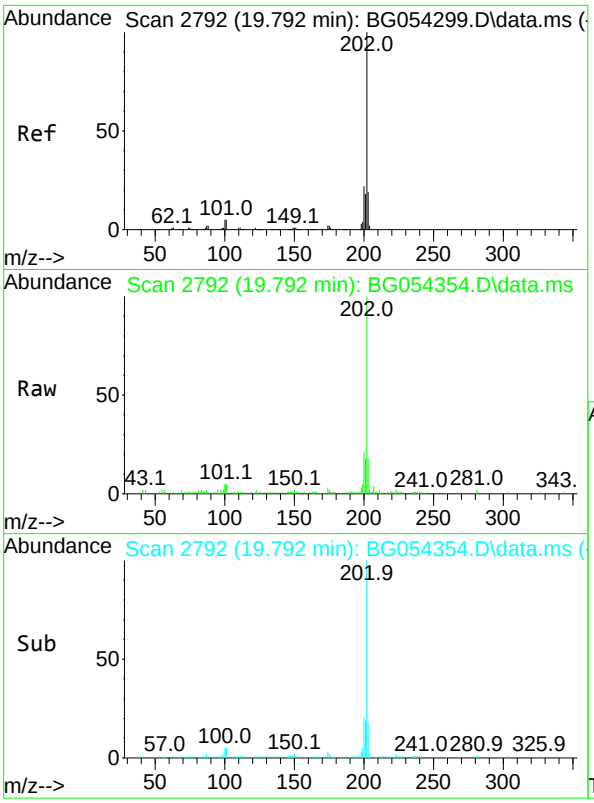


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:240 Resp: 161015

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.6	7.0#
236	25.2	20.2	30.4



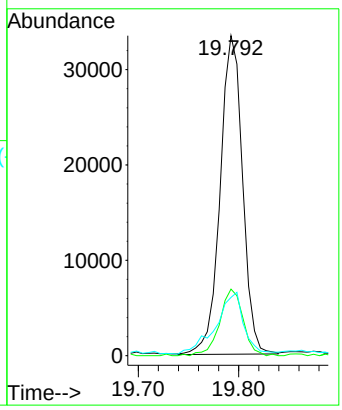


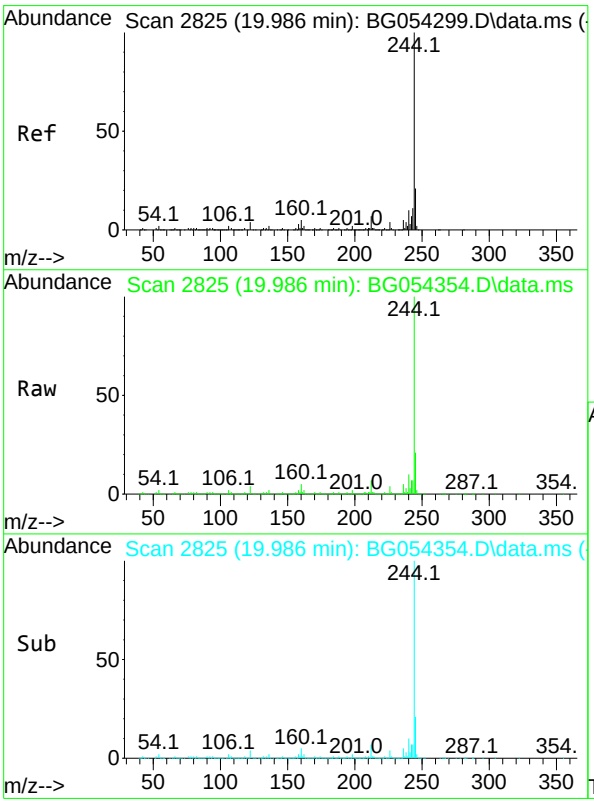
#78
Pyrene
Concen: 5.601 ng
RT: 19.792 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:202 Resp: 51750

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.2	14.6	21.8

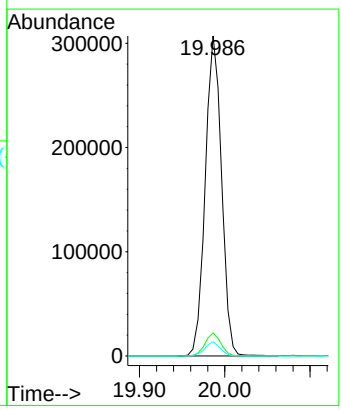


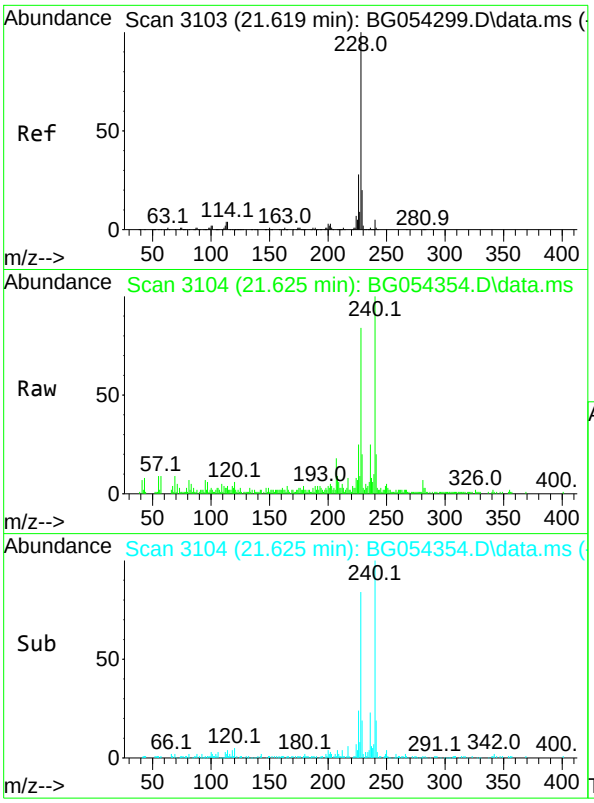


#79
Terphenyl-d14
Concen: 50.177 ng
RT: 19.986 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:244 Resp: 407259

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.4	5.0	7.4#



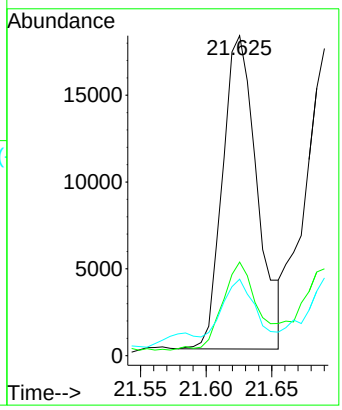


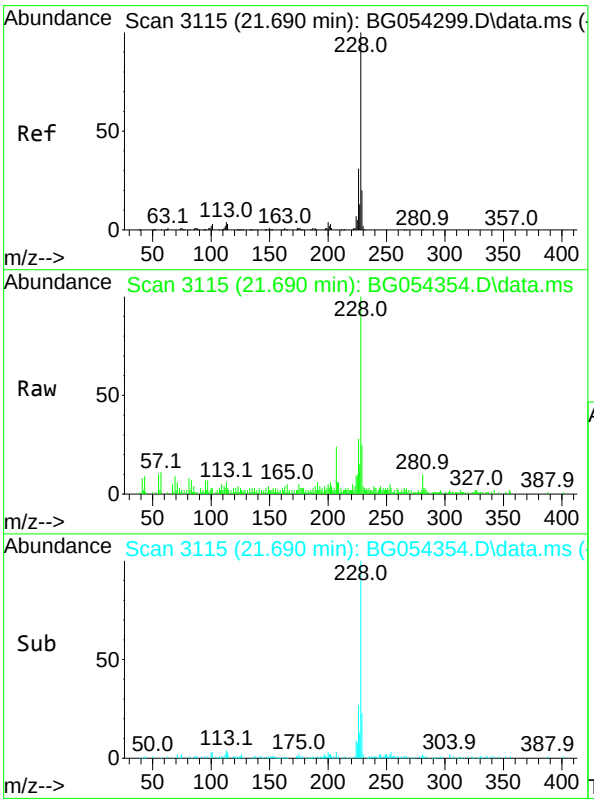
#81
Benzo(a)anthracene
Concen: 3.244 ng
RT: 21.625 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:228 Resp: 33154

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.6	32.4
229	23.9	16.2	24.2

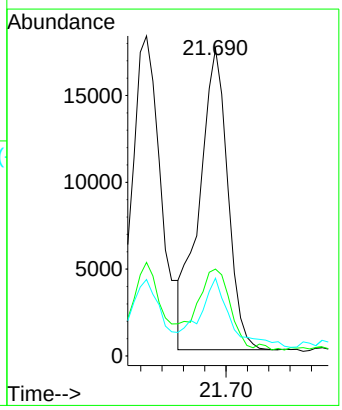


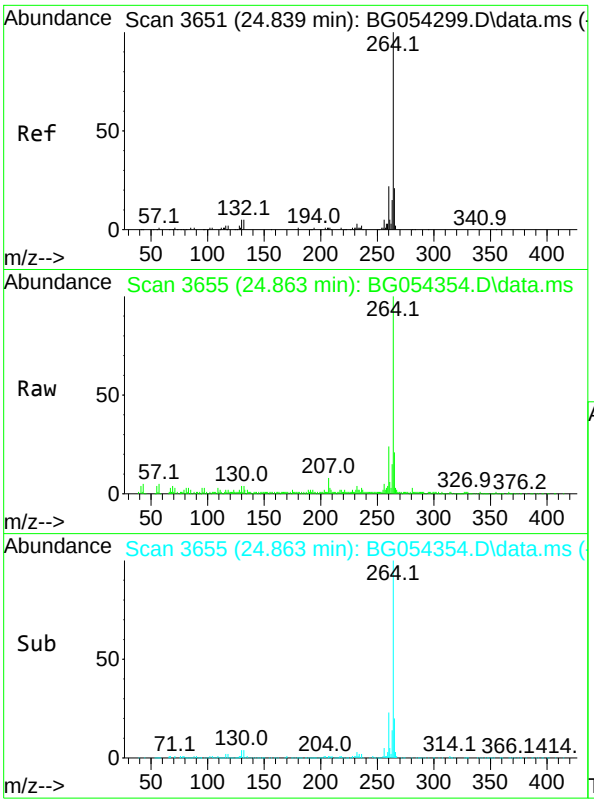


#83
Chrysene
Concen: 3.350 ng
RT: 21.690 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:228 Resp: 32347

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	25.3	15.5	23.3#



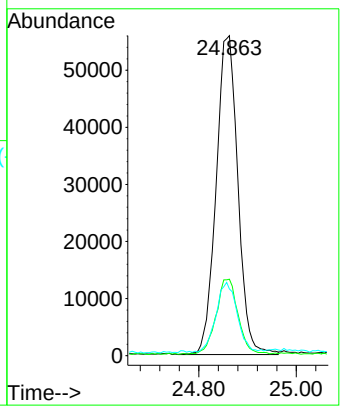


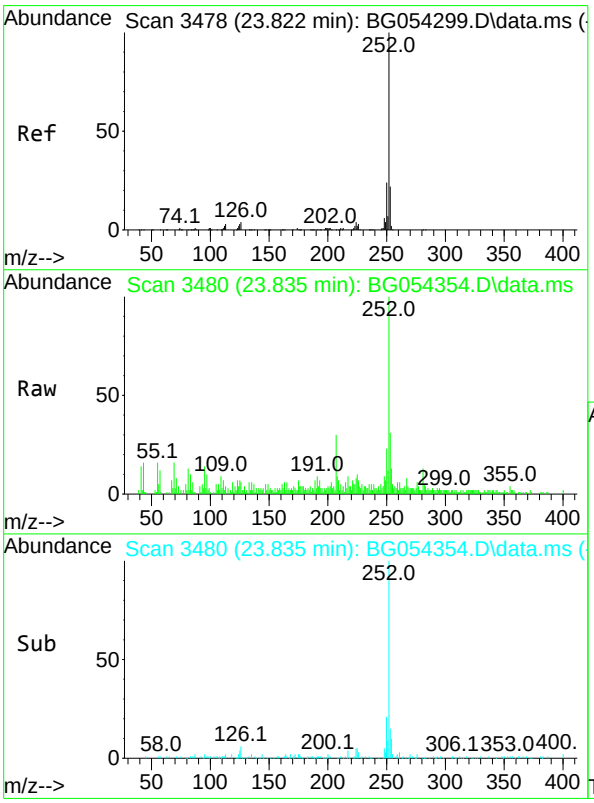
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 3
Delta R.T. 0.024 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:264 Resp: 173380

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.9	17.4	26.2

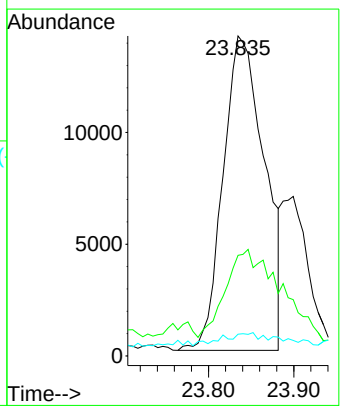


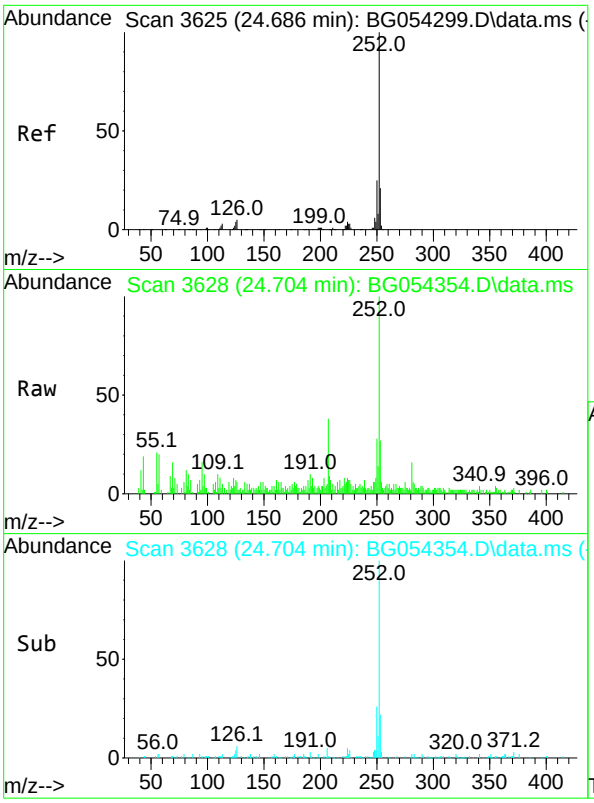


#88
Benzo(b)fluoranthene
Concen: 4.637 ng
RT: 23.835 min Scan# 3480
Delta R.T. 0.012 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:252 Resp: 47544

Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.0	27.0#
125	6.8	4.6	6.8



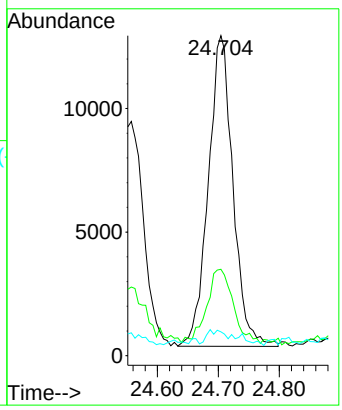


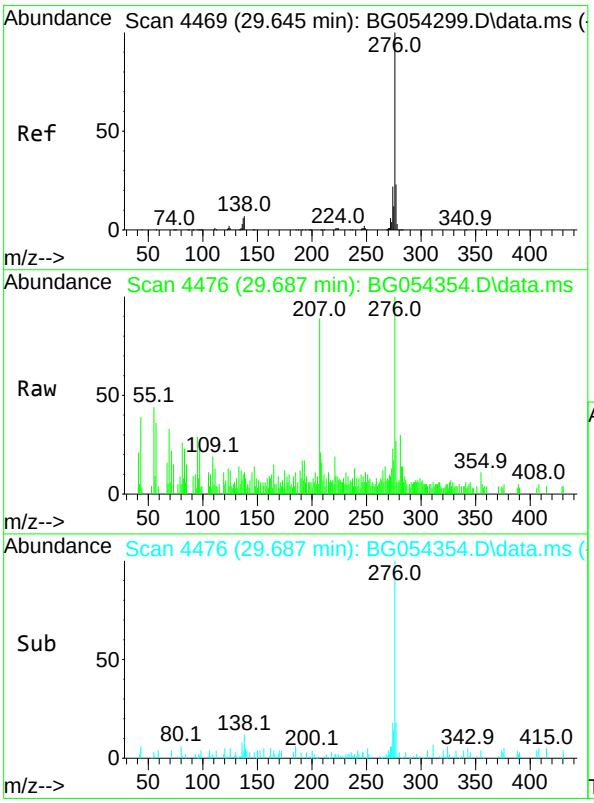
#90
Benzo(a)pyrene
Concen: 4.027 ng
RT: 24.704 min Scan# 3
Delta R.T. 0.018 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Instrument :
BNA_G
ClientSampleId :
MH-190E

Tgt Ion:252 Resp: 35264

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.8	26.8#
125	7.5	4.3	6.5#





#92
Benzo(g,h,i)perylene
Concen: 2.088 ng
RT: 29.687 min Scan# 4476
Delta R.T. 0.042 min
Lab File: BG054354.D
Acq: 21 Jul 2022 21:20

Tgt Ion:276 Resp: 22347

Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.3	25.9#
138	11.1	9.6	14.4