Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056320.D
Acq On : 17 Jan 2023 19:29
Operator : CG/JU
Sample : 01167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Quant Time: Jan 18 02:41:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.317	152	64785	20.000	ng		0.00
21) Naphthalene-d8	11.149	136	234245	20.000	ng		0.00
39) Acenaphthene-d10	14.933	164	162259	20.000	ng		0.00
64) Phenanthrene-d10	17.671	188	357150	20.000	ng		0.00
76) Chrysene-d12	21.966	240	343255	20.000	ng	#	0.00
86) Perylene-d12	25.433	264	295336	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.838	112	86829	23.930	ng		0.01
7) Phenol-d6	7.454	99	122423	21.970	ng		0.00
23) Nitrobenzene-d5	9.492	82	68244	14.902	ng		0.00
42) 2,4,6-Tribromophenol	16.408	330	41329	20.112	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	184535	15.705	ng		0.00
79) Terphenyl-d14	20.244	244	289088	15.084	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.712	178	246249	13.305	ng		96
72) Anthracene	17.800	178	64697	3.389	ng		97
75) Fluoranthene	19.704	202	447318	18.528	ng		98
78) Pyrene	20.062	202	397647	16.436	ng		99
81) Benzo(a)anthracene	21.948	228	207010	8.586	ng		99
83) Chrysene	21.948	228	207010	9.167	ng		97
87) Indeno(1,2,3-cd)pyrene	29.387	276	50061	2.331	ng	#	97
88) Benzo(b)fluoranthene	24.328	252	202289	10.780	ng	#	85
89) Benzo(k)fluoranthene	24.328	252	202289	10.826	ng	#	86
90) Benzo(a)pyrene	25.262	252	142402	7.781	ng	#	86
92) Benzo(g,h,i)perylene	30.668	276	44672	2.558	ng	#	87

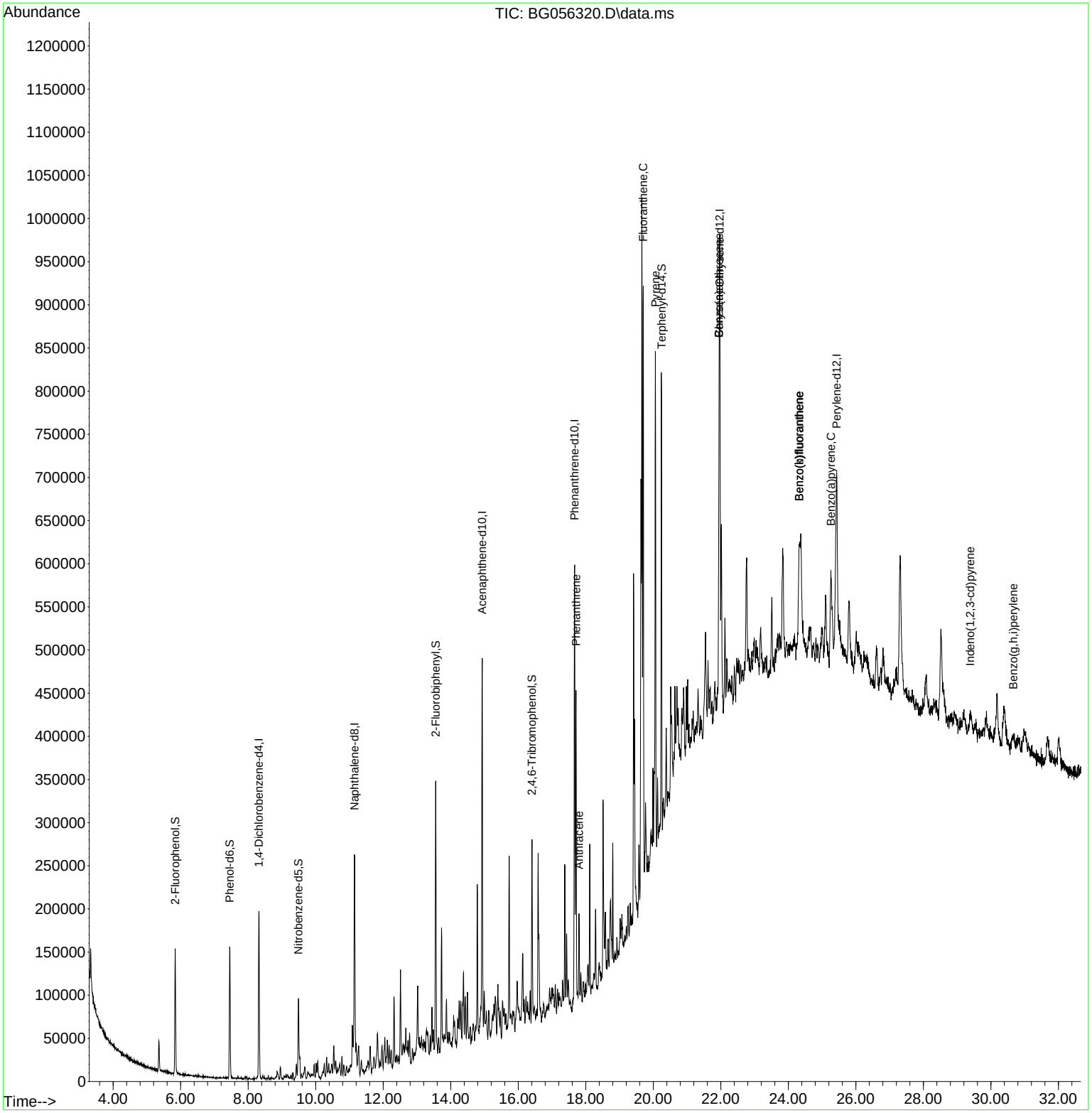
(#) = qualifier out of range (m) = manual integration (+) = signals summed

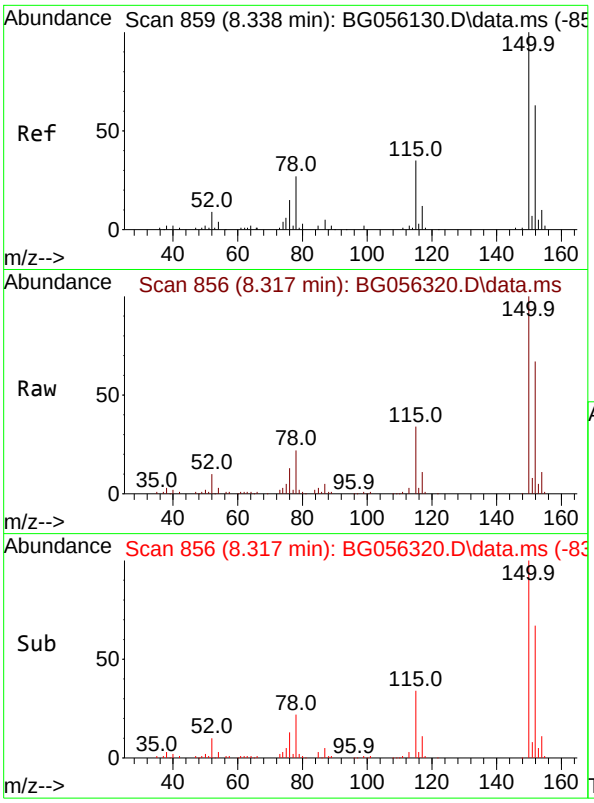
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056320.D
Acq On : 17 Jan 2023 19:29
Operator : CG/JU
Sample : 01167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Quant Time: Jan 18 02:41:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration



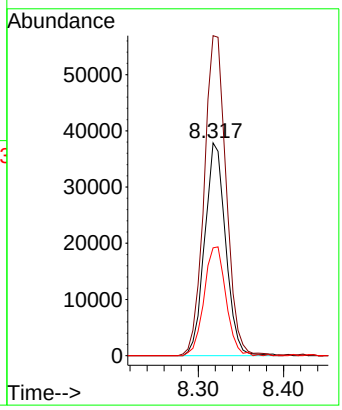


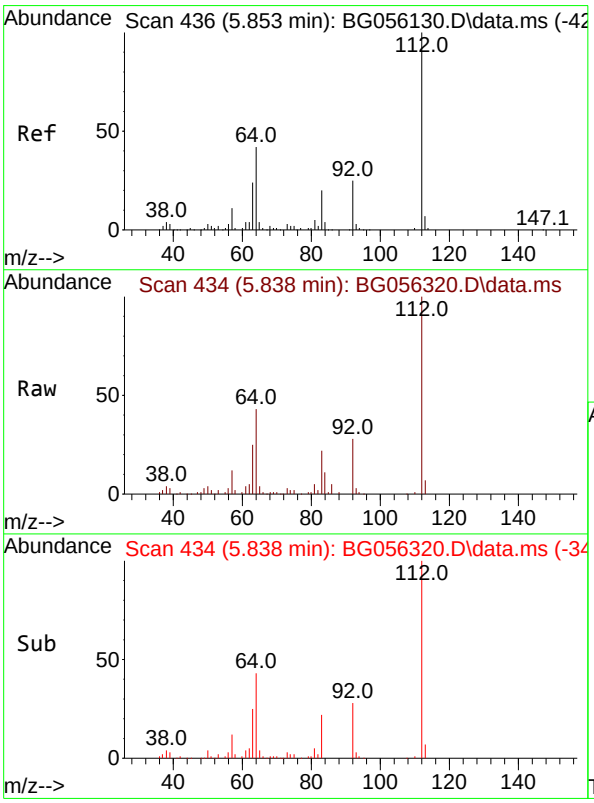
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:152 Resp: 64785

Ion	Ratio	Lower	Upper
152	100		
150	150.4	127.9	191.9
115	50.7	44.2	66.2

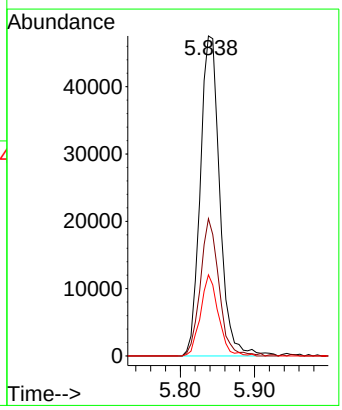


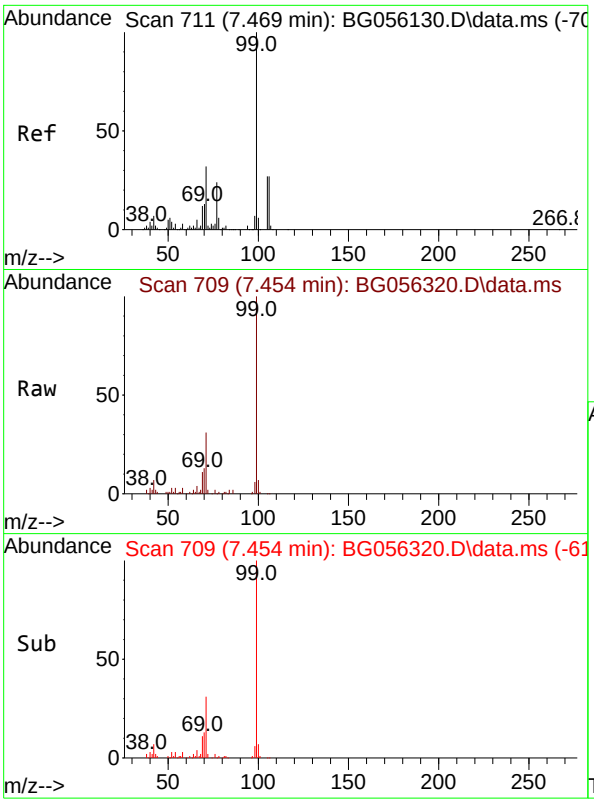


#5
2-Fluorophenol
Concen: 23.930 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:112 Resp: 86829

Ion	Ratio	Lower	Upper
112	100		
64	42.9	33.3	49.9
63	25.4	19.0	28.4



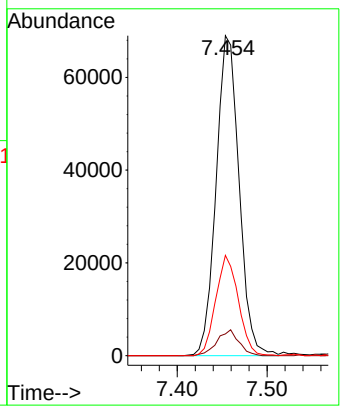


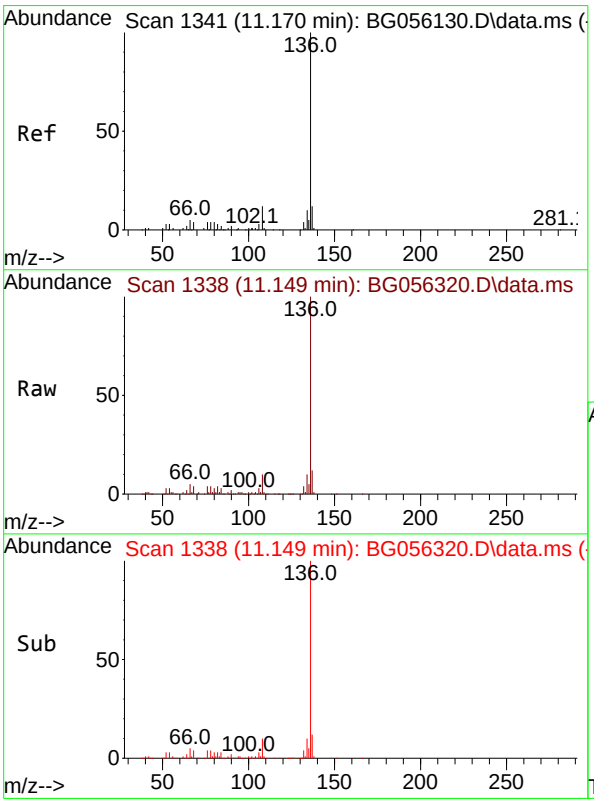
#7
Phenol-d6
Concen: 21.970 ng
RT: 7.454 min Scan# 7(
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion: 99 Resp: 122423

Ion	Ratio	Lower	Upper
99	100		
42	6.8	5.9	8.9
71	31.3	25.4	38.2

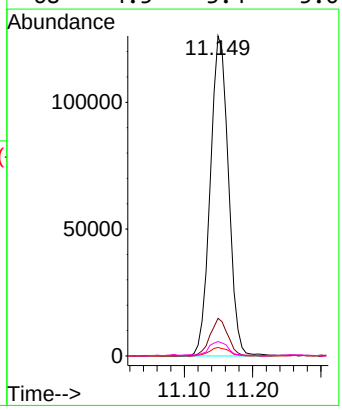


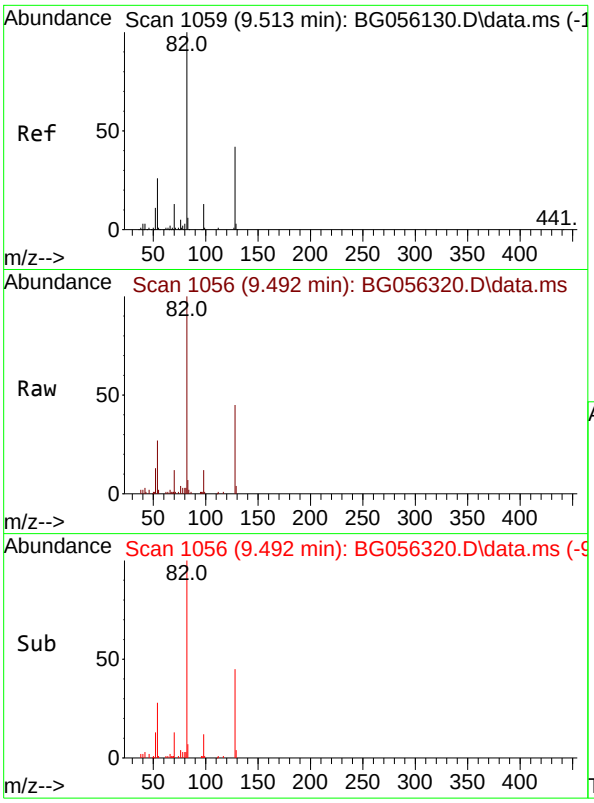


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:136 Resp: 234245

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	2.6	2.2	3.2
68	4.5	3.4	5.0



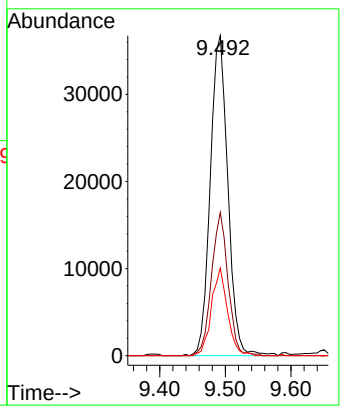


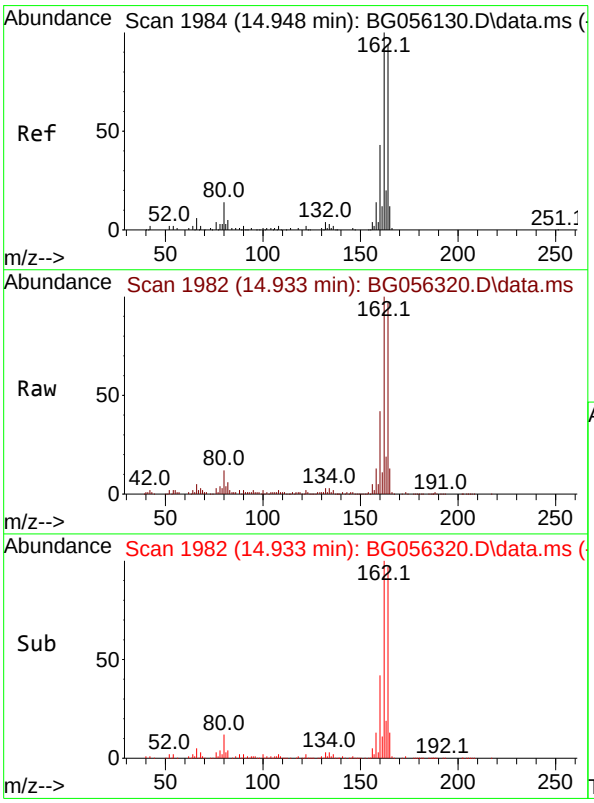
#23
Nitrobenzene-d5
Concen: 14.902 ng
RT: 9.492 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion: 82 Resp: 68244

Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.4	50.2
54	27.4	20.3	30.5

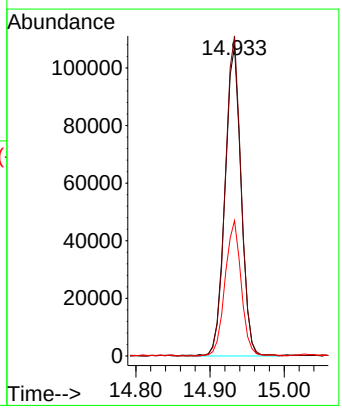


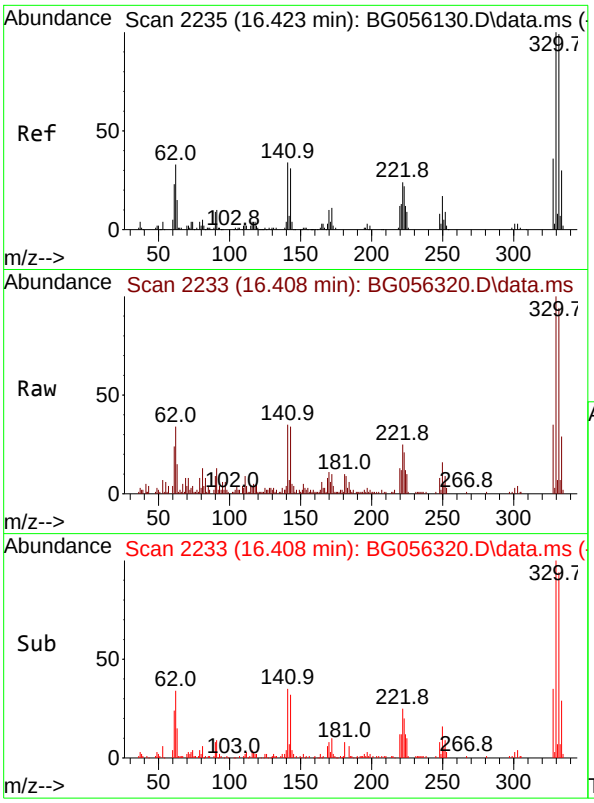


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:164 Resp: 162259

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.7	127.1
160	43.7	36.3	54.5



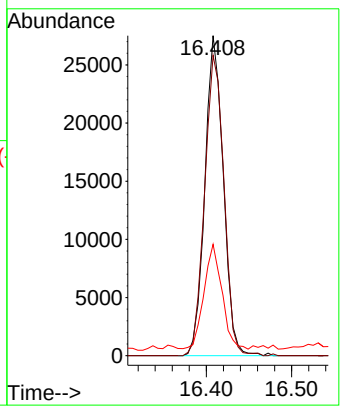


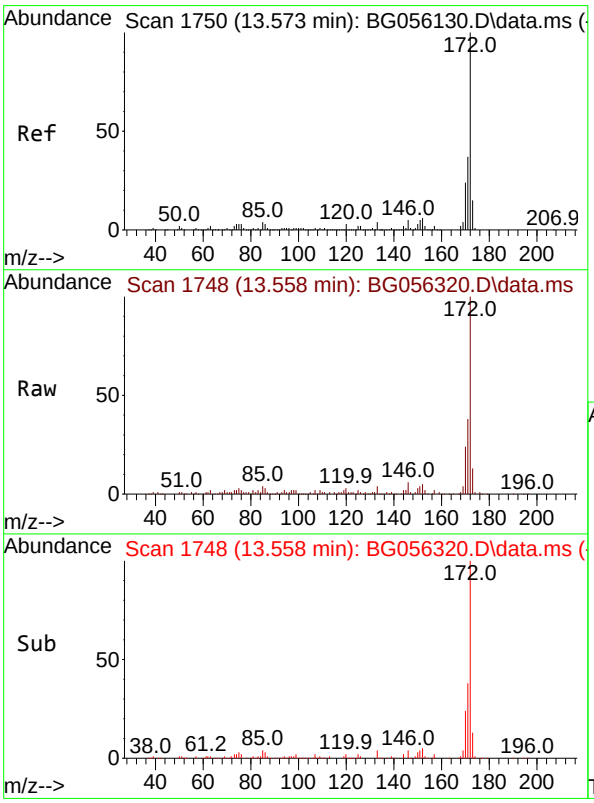
#42
2,4,6-Tribromophenol
Concen: 20.112 ng
RT: 16.408 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:330 Resp: 41329

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	31.8	27.9	41.9

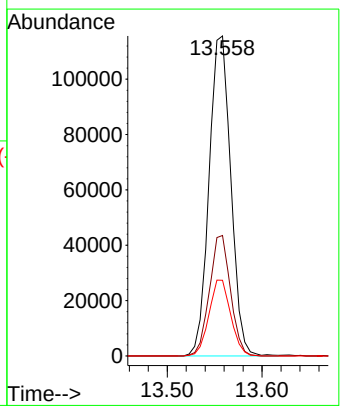


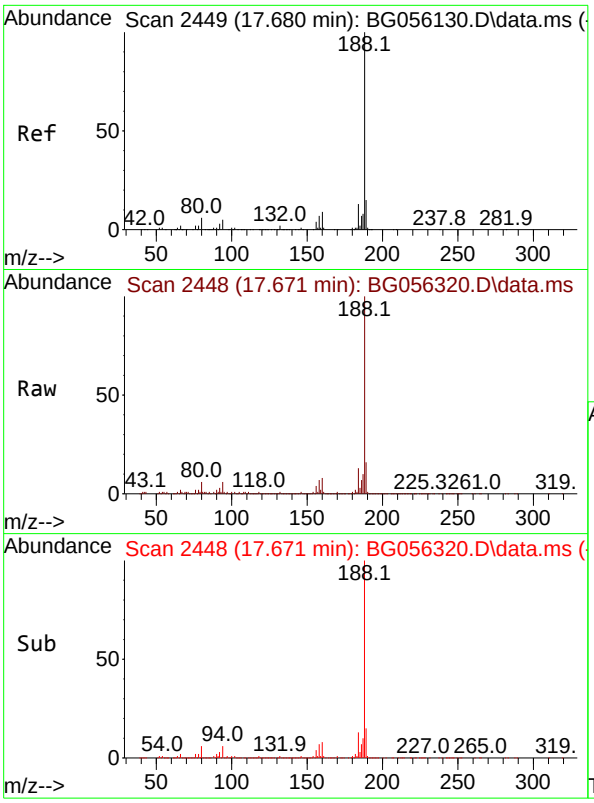


#45
2-Fluorobiphenyl
Concen: 15.705 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:172 Resp: 184535

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	23.7	19.4	29.2



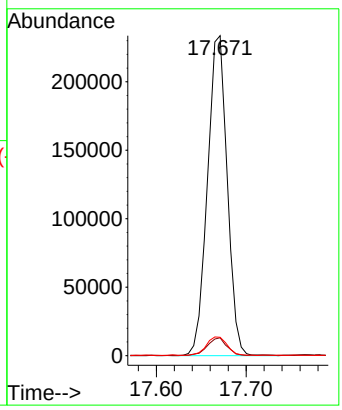


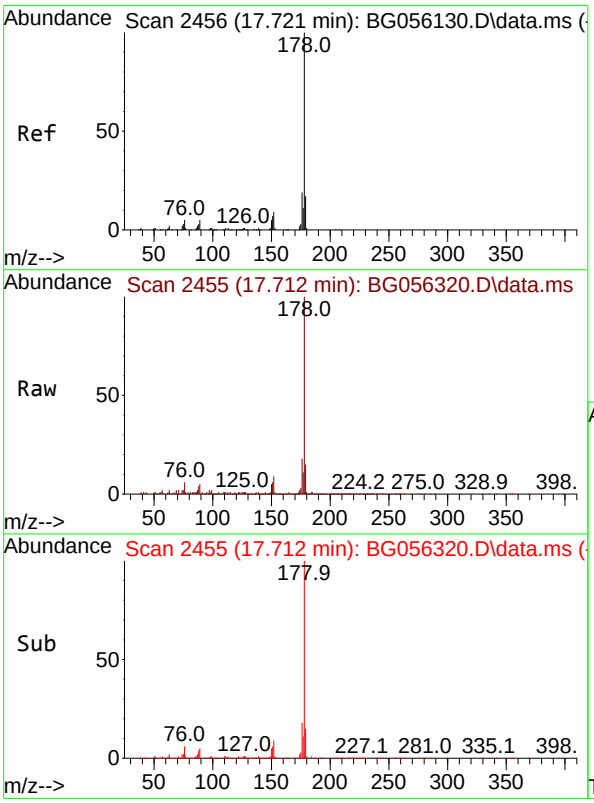
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:188 Resp: 357150

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	5.8	5.0	7.4

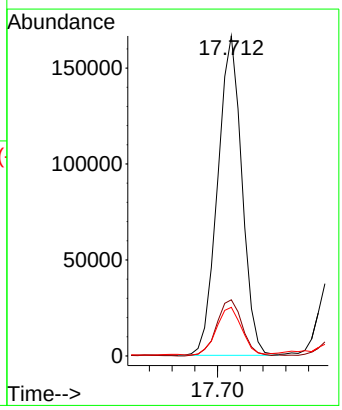


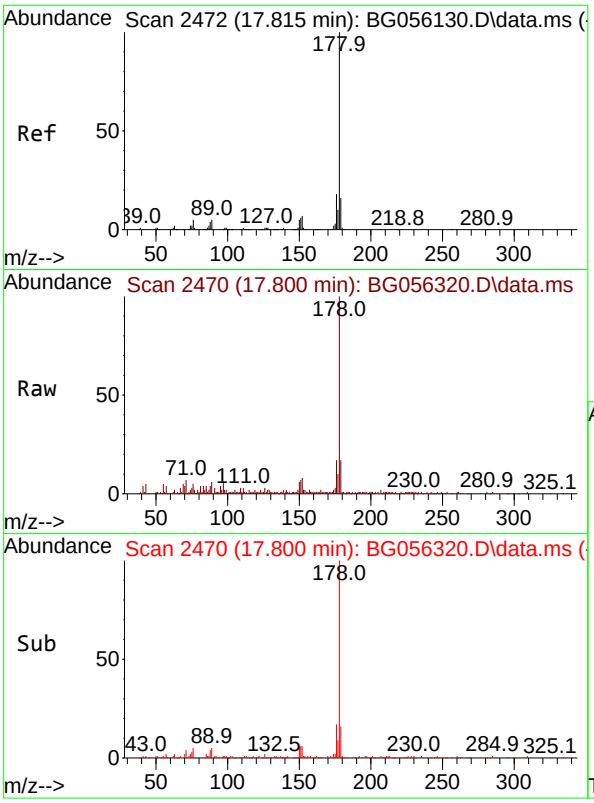


#71
Phenanthrene
Concen: 13.305 ng
RT: 17.712 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:178 Resp: 246249

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.0
179	15.2	13.6	20.4



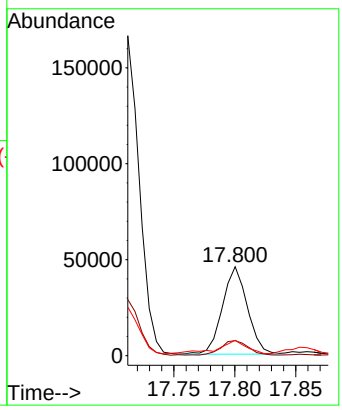


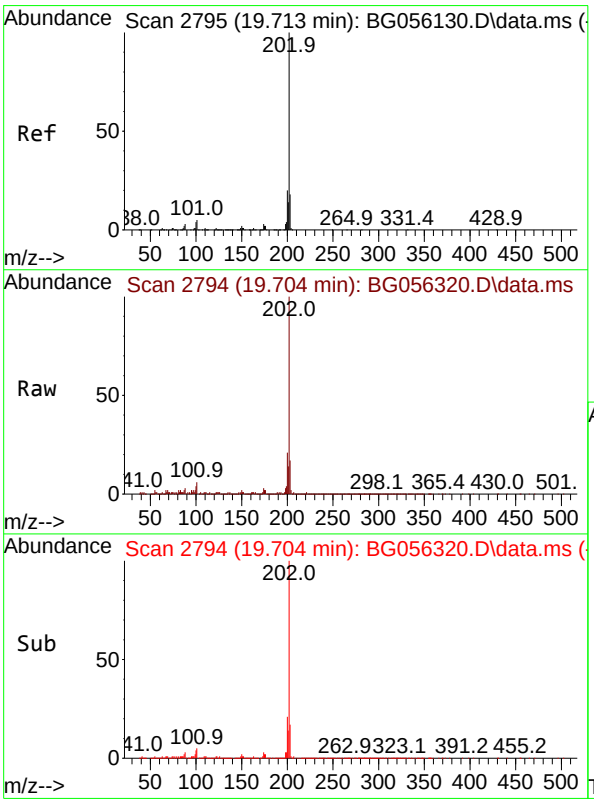
#72
Anthracene
Concen: 3.389 ng
RT: 17.800 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:178 Resp: 64697

Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.6	22.0
179	17.3	12.7	19.1

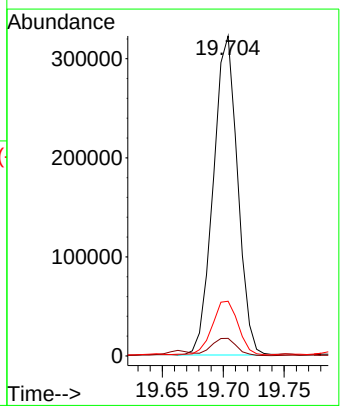


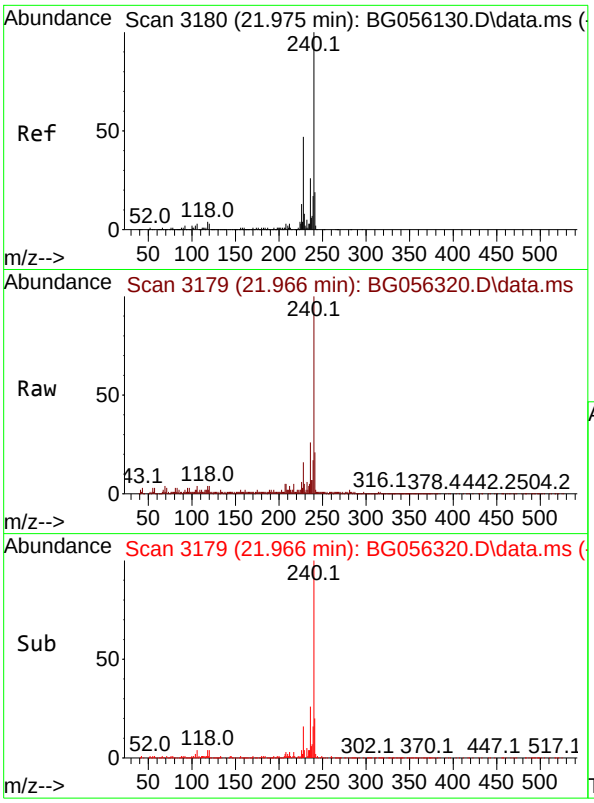


#75
Fluoranthene
Concen: 18.528 ng
RT: 19.704 min Scan# 2794
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:202 Resp: 447318

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	25.0
203	17.1	0.0	38.0



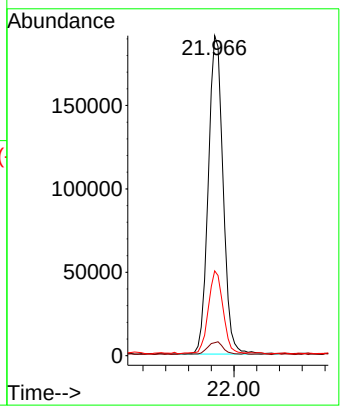


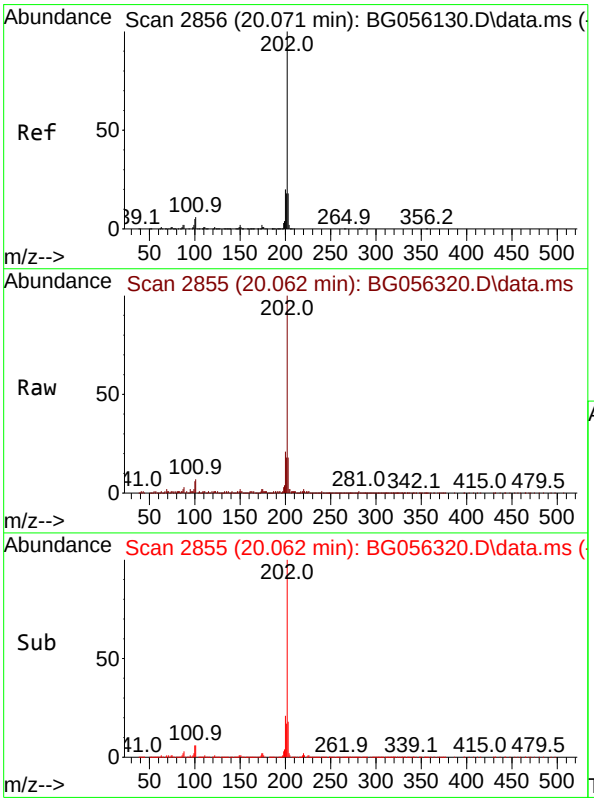
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:240 Resp: 343255

Ion	Ratio	Lower	Upper
240	100		
120	4.0	2.6	4.0#
236	26.5	20.8	31.2

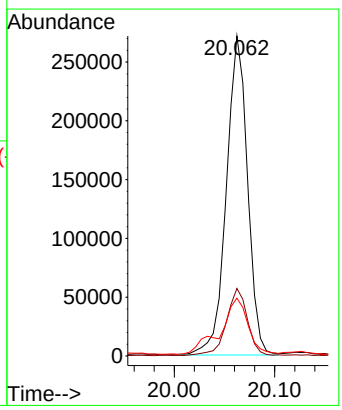


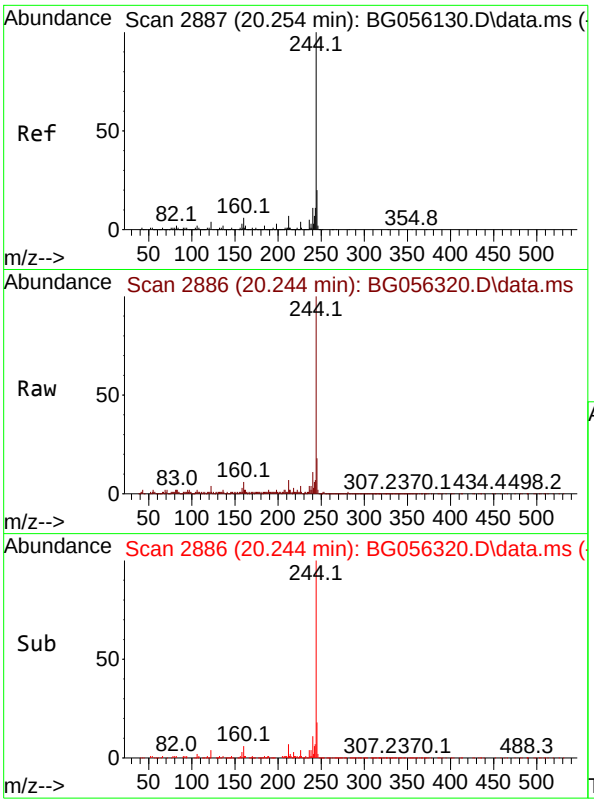


#78
Pyrene
Concen: 16.436 ng
RT: 20.062 min Scan# 2855
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:202 Resp: 397647

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	18.1	14.3	21.5



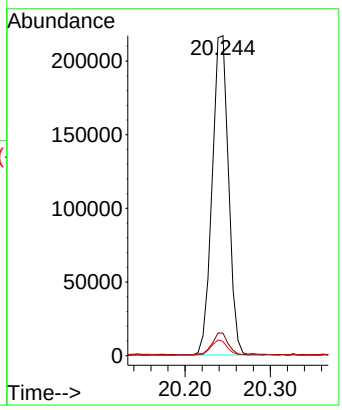


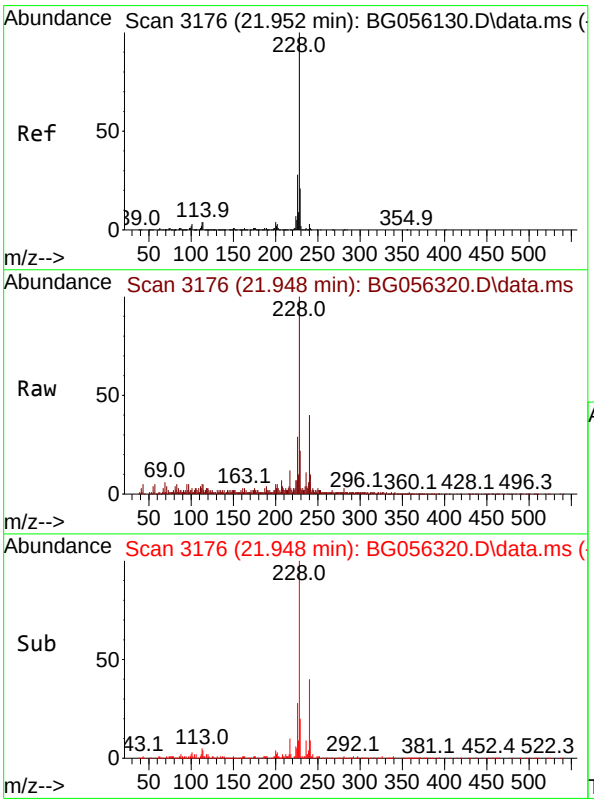
#79
Terphenyl-d14
Concen: 15.084 ng
RT: 20.244 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:244 Resp: 289088

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	4.4	3.5	5.3

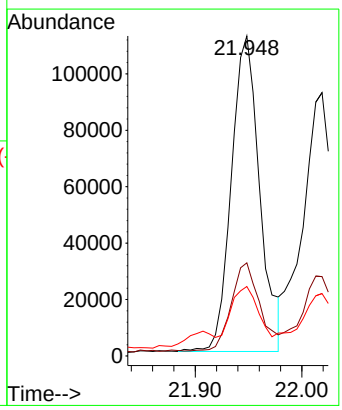


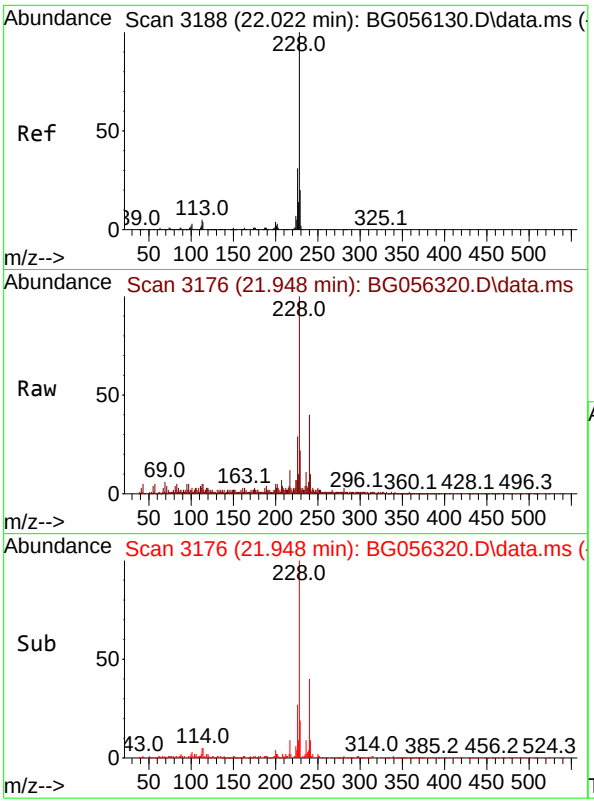


#81
Benzo(a)anthracene
Concen: 8.586 ng
RT: 21.948 min Scan# 3176
Delta R.T. 0.006 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:228 Resp: 207010

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.7	16.9	25.3



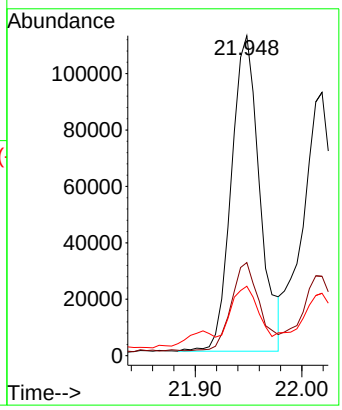


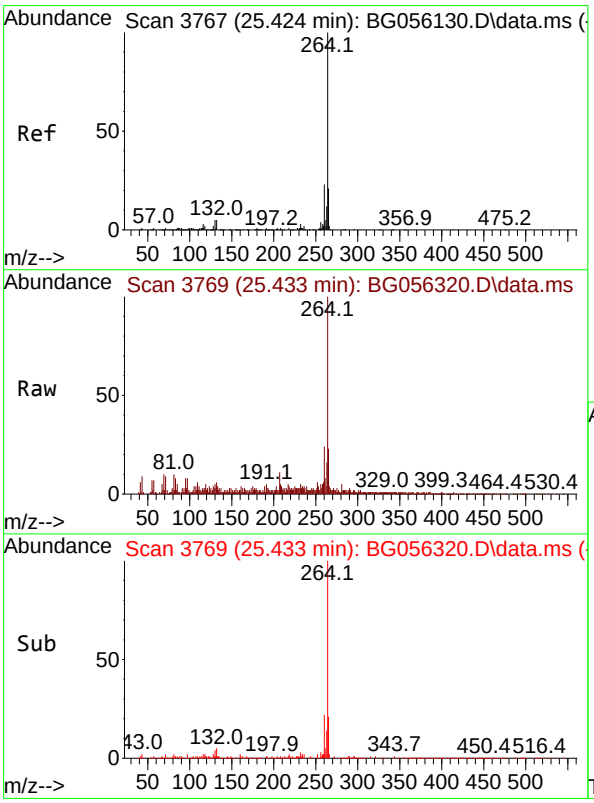
#83
Chrysene
Concen: 9.167 ng
RT: 21.948 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:228 Resp: 207010

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	36.8
229	21.7	15.8	23.6

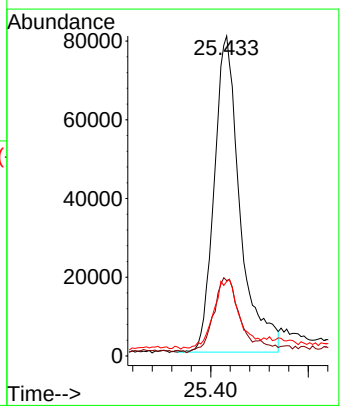


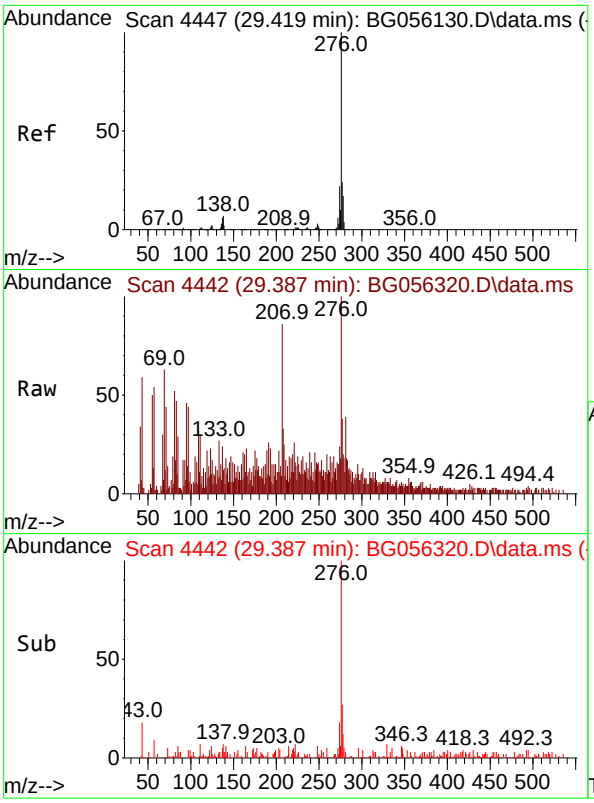


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.433 min Scan# 3769
Delta R.T. 0.030 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:264 Resp: 295336

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	23.3	16.7	25.1



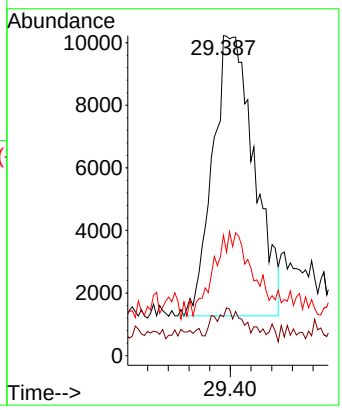


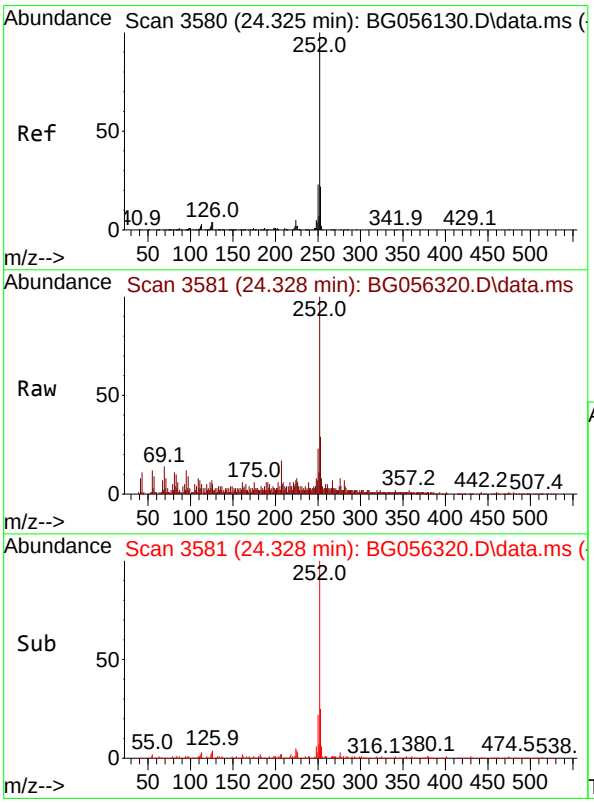
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.331 ng
RT: 29.387 min Scan# 44
Delta R.T. 0.024 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:276 Resp: 50061

Ion	Ratio	Lower	Upper
276	100		
138	4.0	5.0	7.4#
277	26.7	20.5	30.7

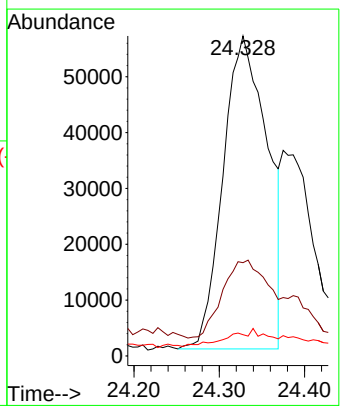


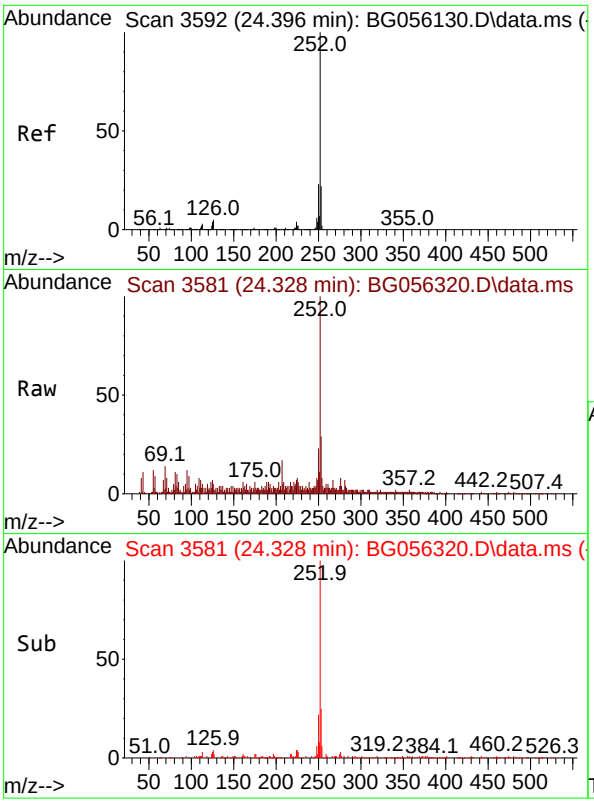


#88
Benzo(b)fluoranthene
Concen: 10.780 ng
RT: 24.328 min Scan# 3581
Delta R.T. 0.030 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:252 Resp: 202289

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.4	26.2#
125	6.7	3.0	4.4#



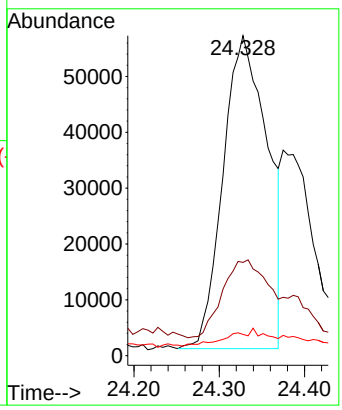


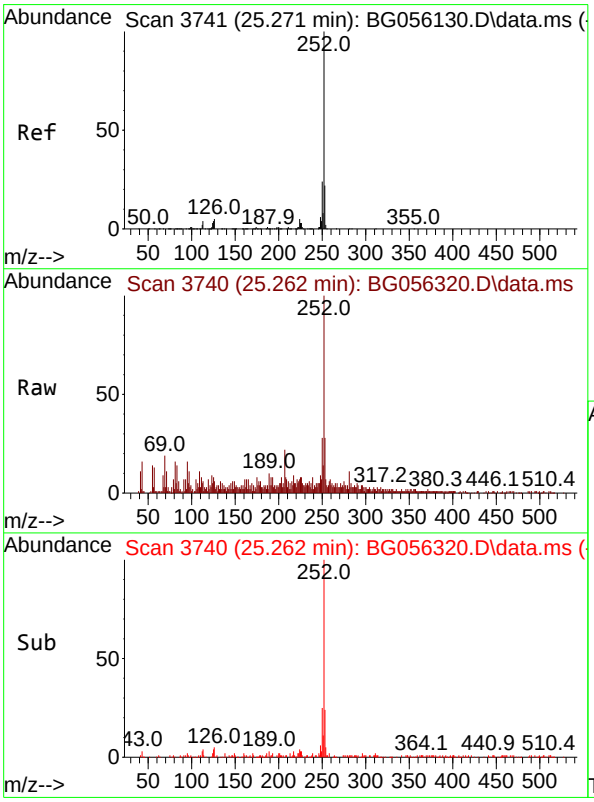
#89
Benzo(k)fluoranthene
Concen: 10.826 ng
RT: 24.328 min Scan# 3
Delta R.T. -0.046 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:252 Resp: 202289

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.5	26.3#
125	6.7	3.4	5.0#

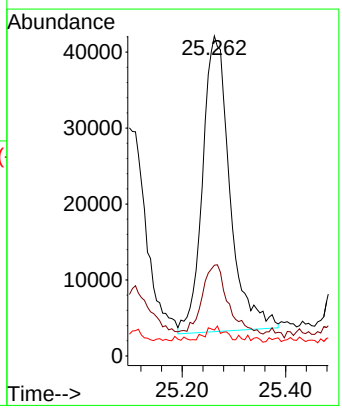


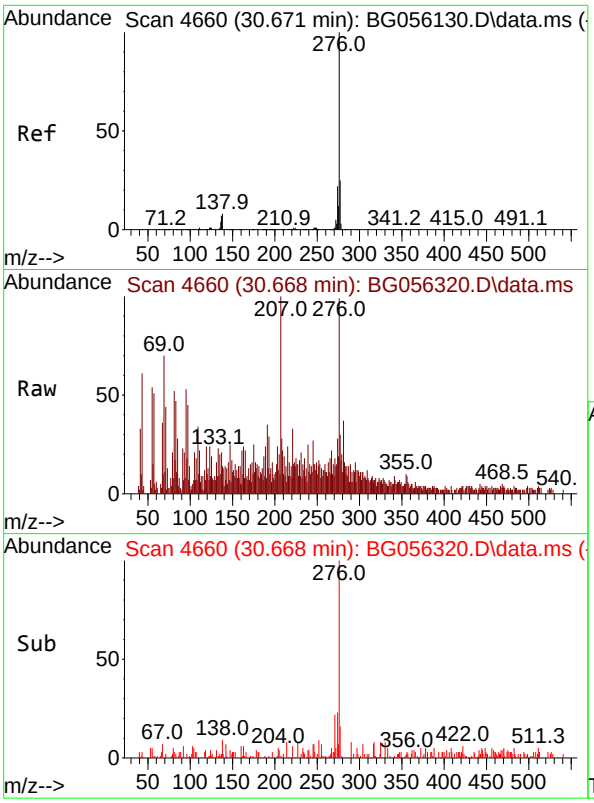


#90
Benzo(a)pyrene
Concen: 7.781 ng
RT: 25.262 min Scan# 3740
Delta R.T. 0.018 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Tgt Ion:252 Resp: 142402

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.4	26.2#
125	8.1	3.2	4.8#





#92
Benzo(g,h,i)perylene
Concen: 2.558 ng
RT: 30.668 min Scan# 4
Delta R.T. 0.053 min
Lab File: BG056320.D
Acq: 17 Jan 2023 19:29

Instrument :
BNA_G
ClientSampleId :
EO-3-011623

Tgt Ion:276 Resp: 44672

Ion	Ratio	Lower	Upper
276	100		
277	30.6	19.7	29.5#
138	14.4	6.7	10.1#