Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054578.D
Acq On : 9 Aug 2022 20:49
Operator : CG/JU
Sample : N3963-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-215

Quant Time: Aug 10 07:15:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	21701	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	81558	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	58968	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	141107	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	155490	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	159539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	108904	104.778	ng	0.00
7) Phenol-d6	7.183	99	141893	99.630	ng	0.00
23) Nitrobenzene-d5	9.145	82	96873	64.683	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	111798	90.297	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	282485	67.579	ng	0.00
79) Terphenyl-d14	19.968	244	536214	68.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	1215	2.938	ng	# 1
9) Benzaldehyde	7.183	77	222	Below Cal		# 45
19) n-Nitroso-di-n-propyla...	9.139	70	13629	14.330	ng	# 82
51) 2,6-Dinitrotoluene	14.609	165	8229	8.145	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	8229	5.682	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	6537	3.299	ng	# 1
71) Phenanthrene	17.406	178	29666	4.222	ng	98
72) Anthracene	17.406	178	29666	4.302	ng	98
75) Fluoranthene	19.415	202	81374	8.495	ng	96
77) Benzidine	19.968	184	6623	2.352	ng	# 92
78) Pyrene	19.780	202	90236	10.114	ng	99
81) Benzo(a)anthracene	21.607	228	57899	5.866	ng	97
83) Chrysene	21.672	228	68292	7.323	ng	97
87) Indeno(1,2,3-cd)pyrene	28.516	276	37306	3.074	ng	# 92
88) Benzo(b)fluoranthene	23.822	252	100433	10.645	ng	97
89) Benzo(k)fluoranthene	23.822	252	100433	10.696	ng	98
90) Benzo(a)pyrene	24.680	252	64413	7.994	ng	99
92) Benzo(g,h,i)perylene	29.680	276	37470	3.804	ng	96

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

Quantitation Report (Not Reviewed)

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QLast Update : Mon Aug 08 14:48:51 2022
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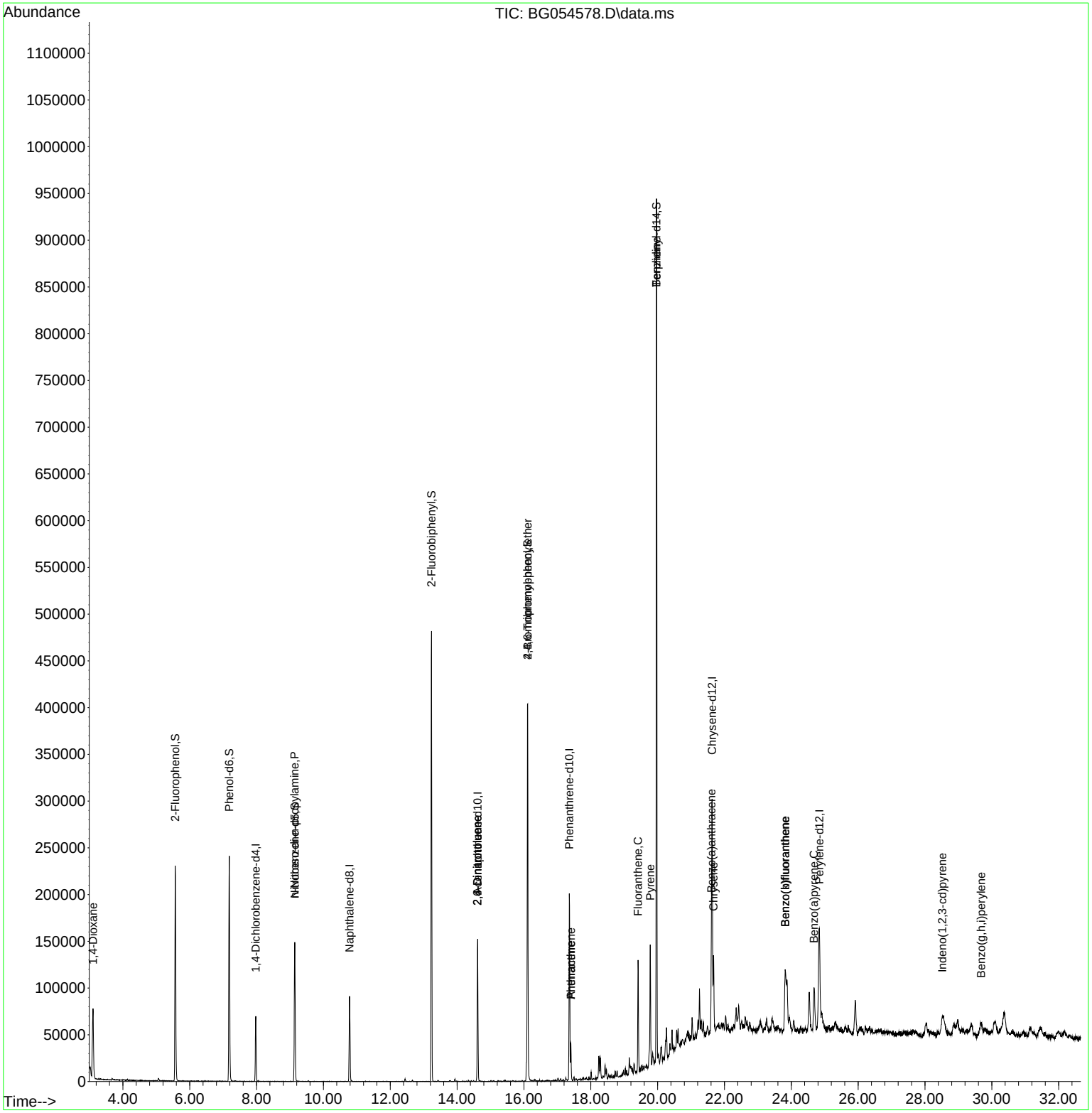
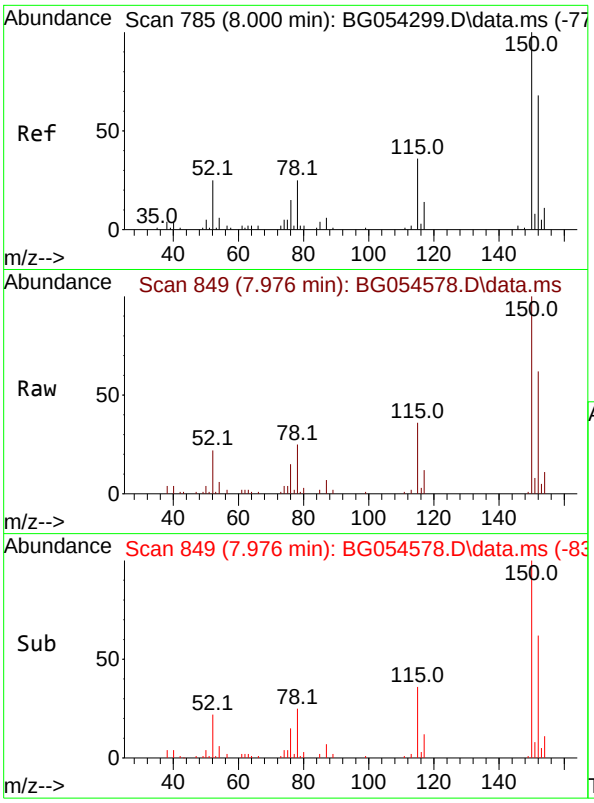


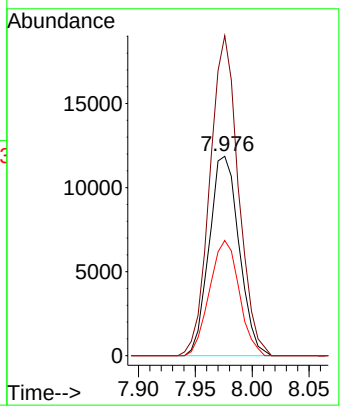


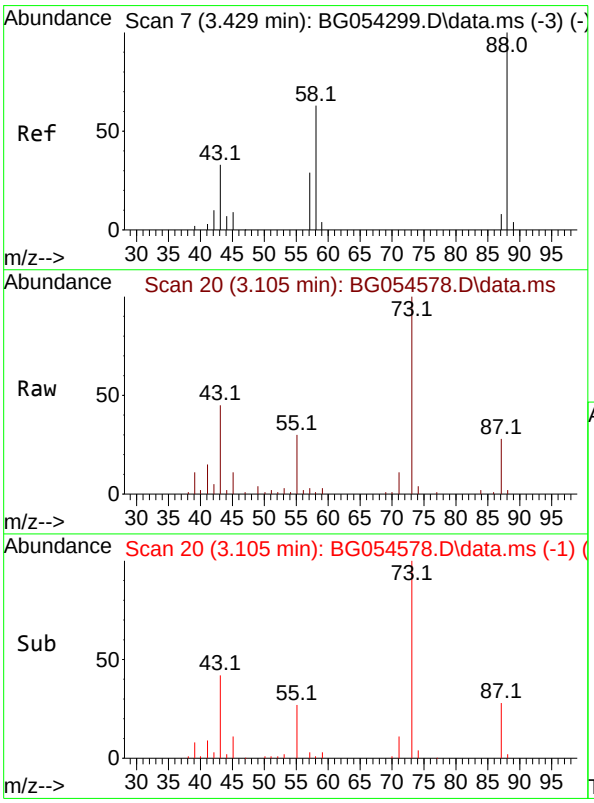
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:152 Resp: 21701

Ion	Ratio	Lower	Upper
152	100		
150	160.5	131.6	197.4
115	57.8	50.9	76.3

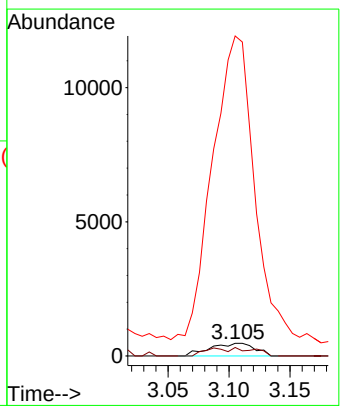


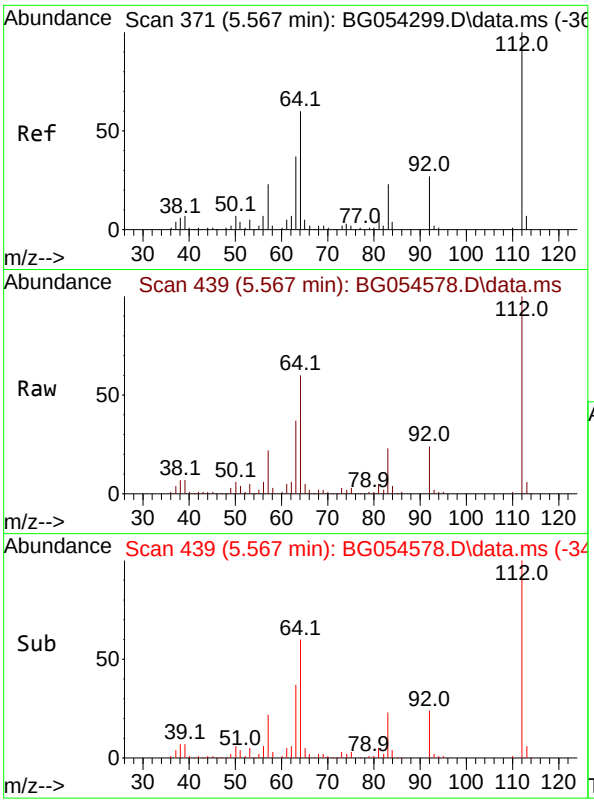


#2
1,4-Dioxane
Concen: 2.938 ng
RT: 3.105 min Scan# 20
Delta R.T. -0.290 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion: 88 Resp: 1215

Ion	Ratio	Lower	Upper
88	100		
58	31.2	59.2	88.8#
43	2256.5	24.3	36.5#



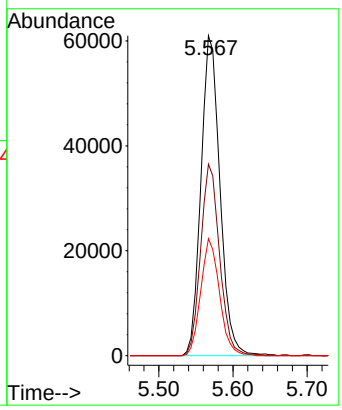


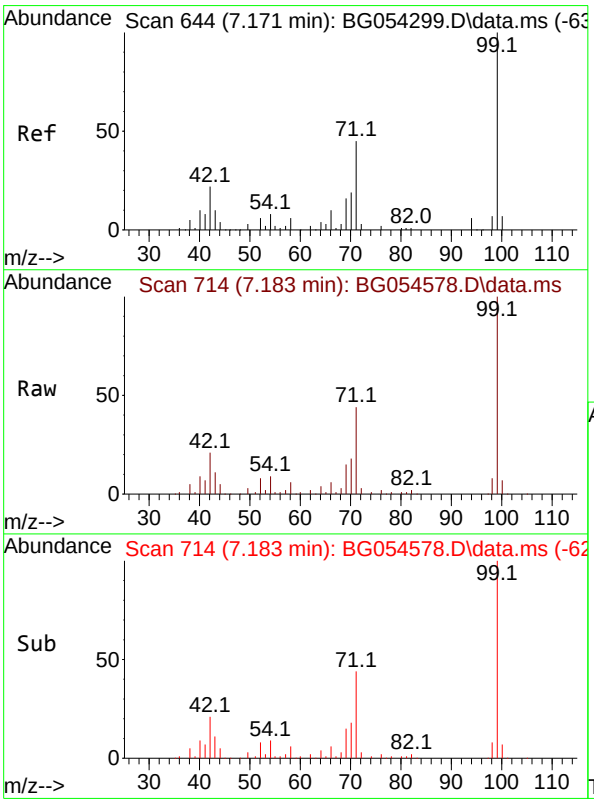
#5
2-Fluorophenol
Concen: 104.778 ng
RT: 5.567 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:112 Resp: 108904

Ion	Ratio	Lower	Upper
112	100		
64	59.8	55.1	82.7
63	36.6	30.4	45.6

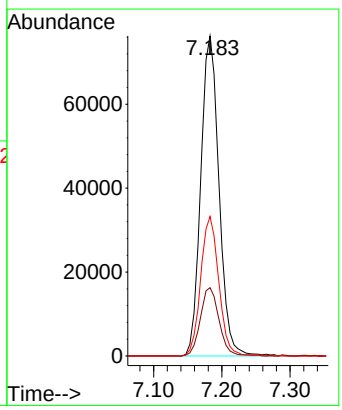


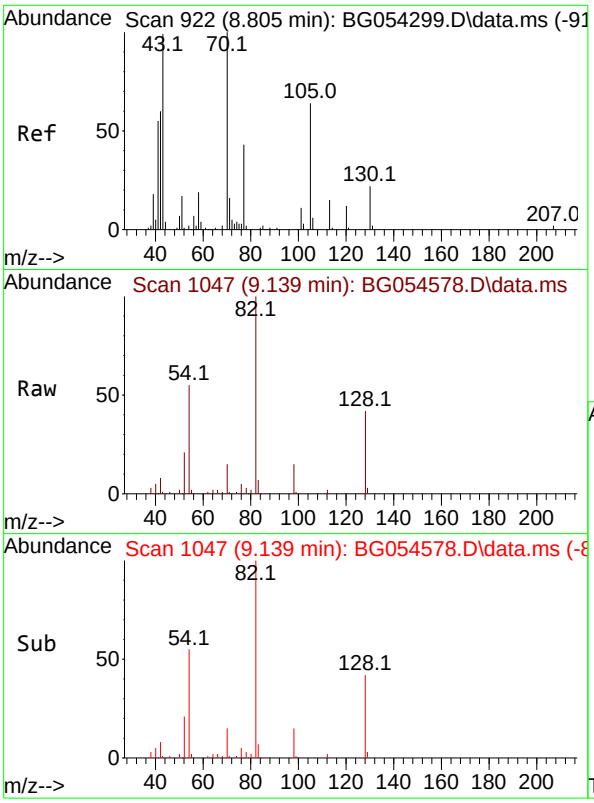


#7
Phenol-d6
Concen: 99.630 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion: 99 Resp: 141893

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	43.6	33.8	50.8



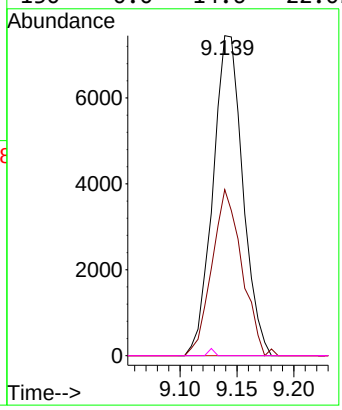


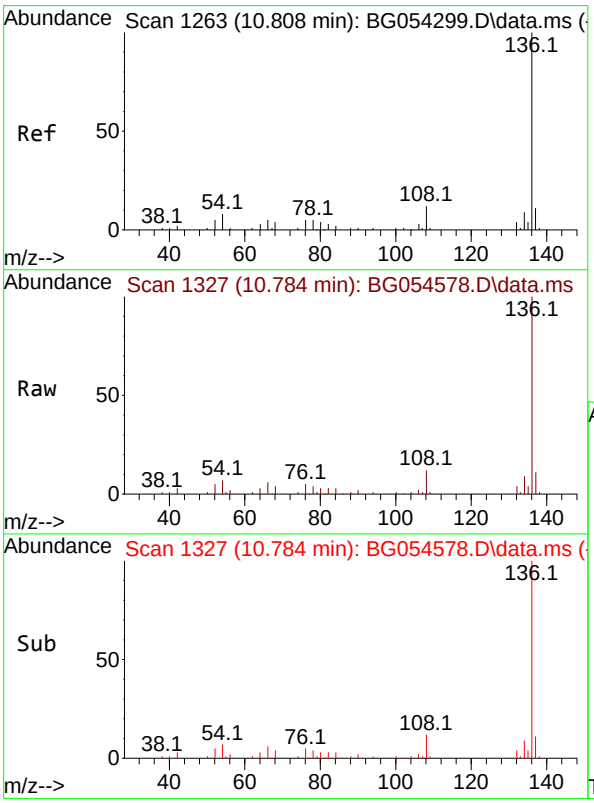
#19
n-Nitroso-di-n-propylamine
Concen: 14.330 ng
RT: 9.139 min Scan# 1
Delta R.T. 0.356 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion: 70 Resp: 13629

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

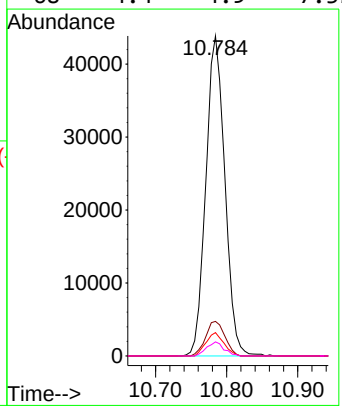


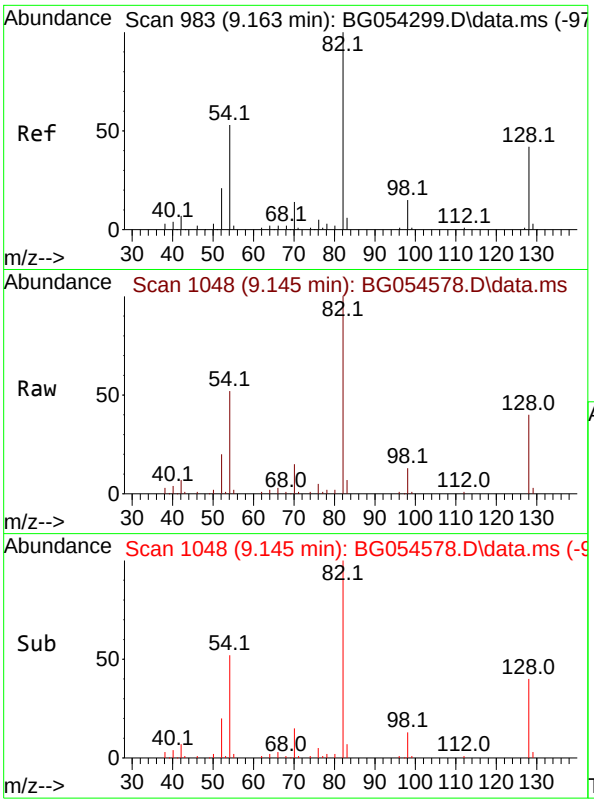


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:136 Resp: 81558

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.3	7.4	11.2#
68	4.4	4.9	7.3#



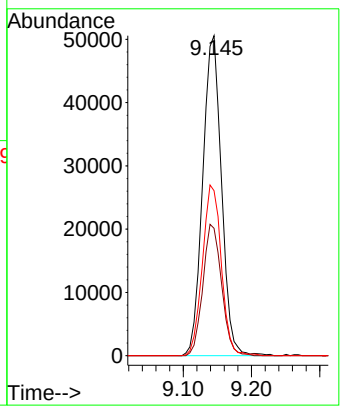


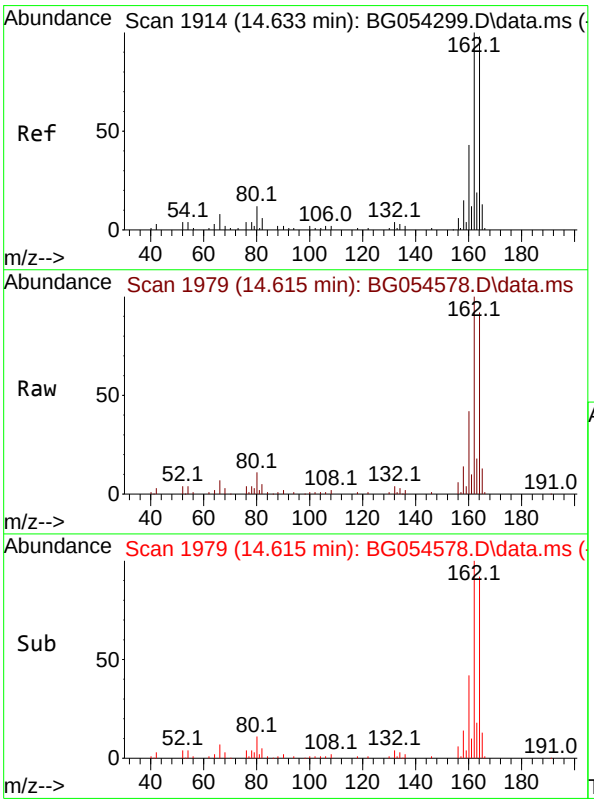
#23
Nitrobenzene-d5
Concen: 64.683 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion: 82 Resp: 96873

Ion	Ratio	Lower	Upper
82	100		
128	39.8	27.9	41.9
54	51.5	41.2	61.8

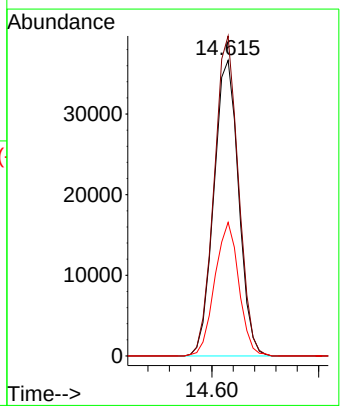


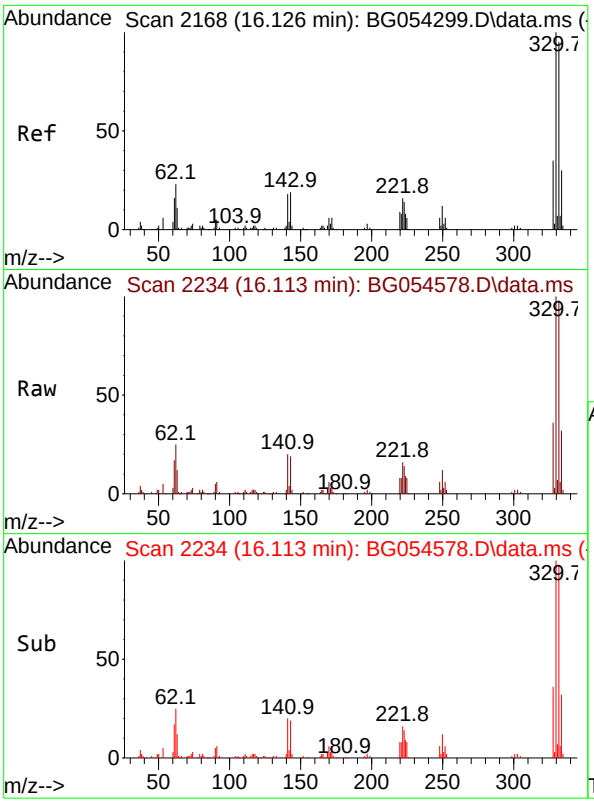


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:164 Resp: 58968

Ion	Ratio	Lower	Upper
164	100		
162	108.2	82.3	123.5
160	45.2	34.2	51.2



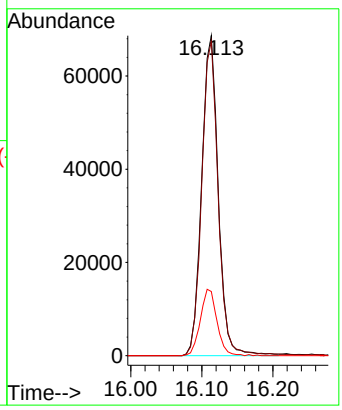


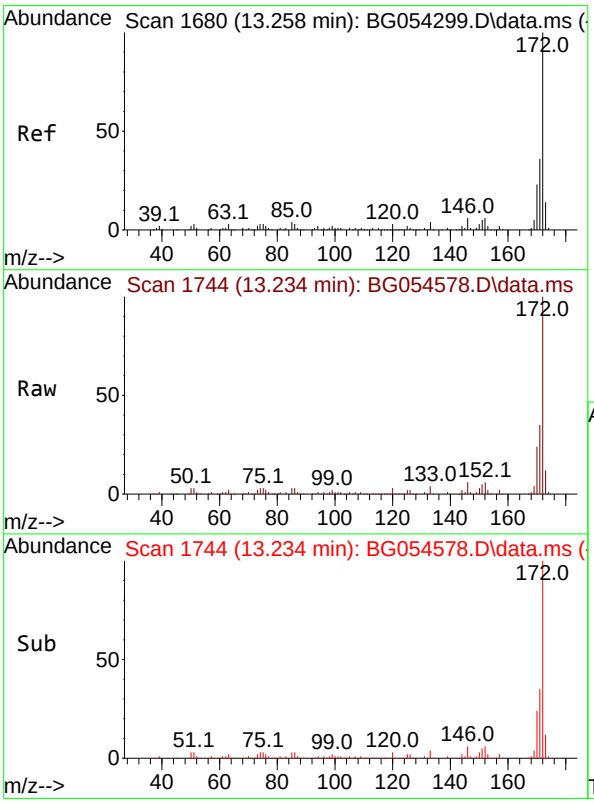
#42
2,4,6-Tribromophenol
Concen: 90.297 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:330 Resp: 111798

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	20.7	27.1	40.7#

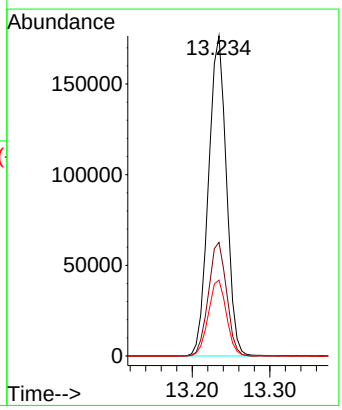


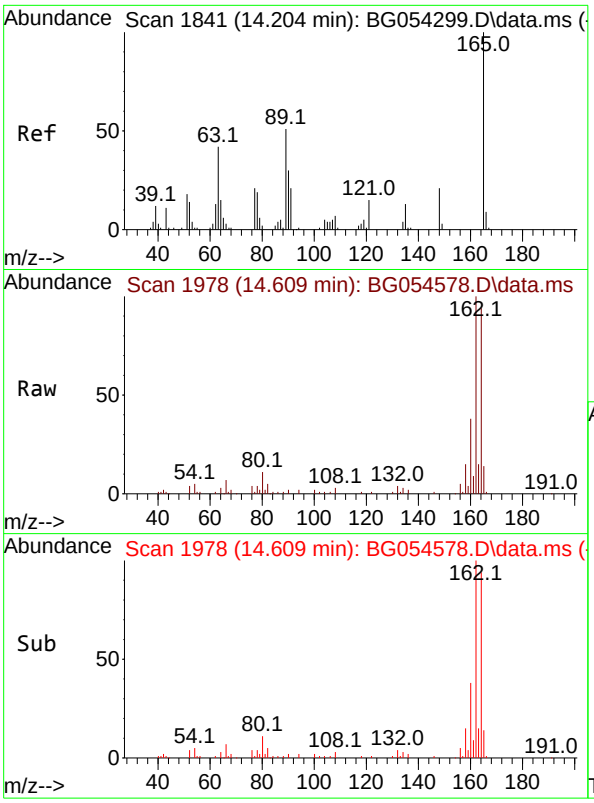


#45
2-Fluorobiphenyl
Concen: 67.579 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:172 Resp: 282485

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	18.9	28.3



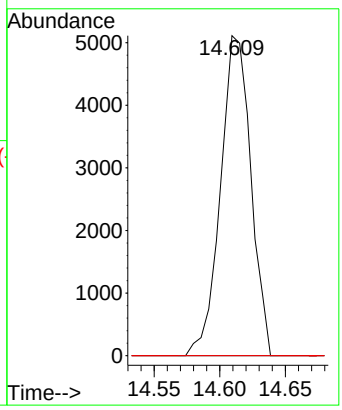


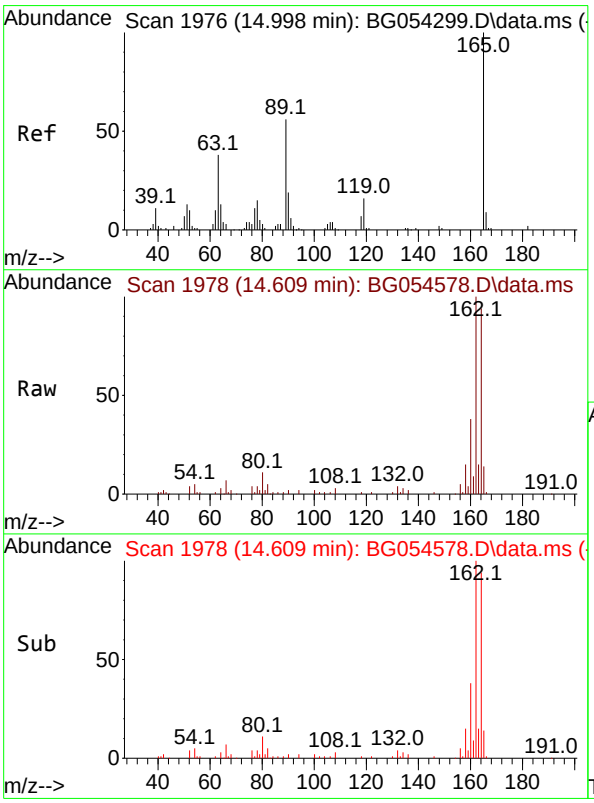
#51
2,6-Dinitrotoluene
Concen: 8.145 ng
RT: 14.609 min Scan# 1
Delta R.T. 0.415 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:165 Resp: 8229

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

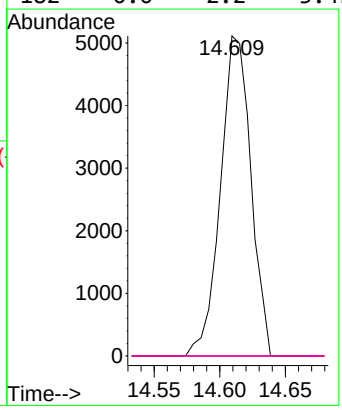


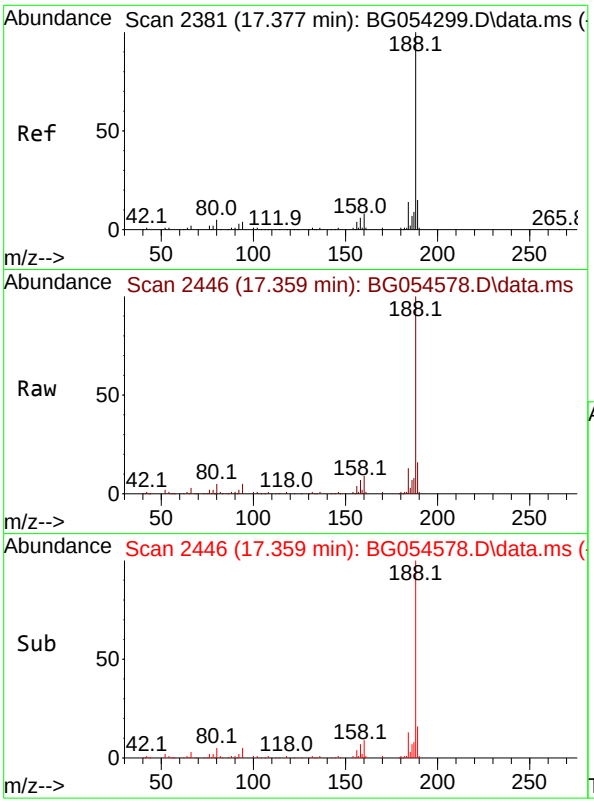


#57
2,4-Dinitrotoluene
Concen: 5.682 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.384 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:165 Resp: 8229

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



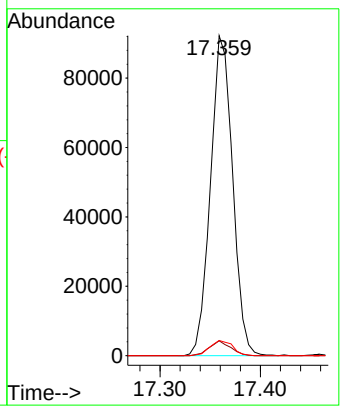


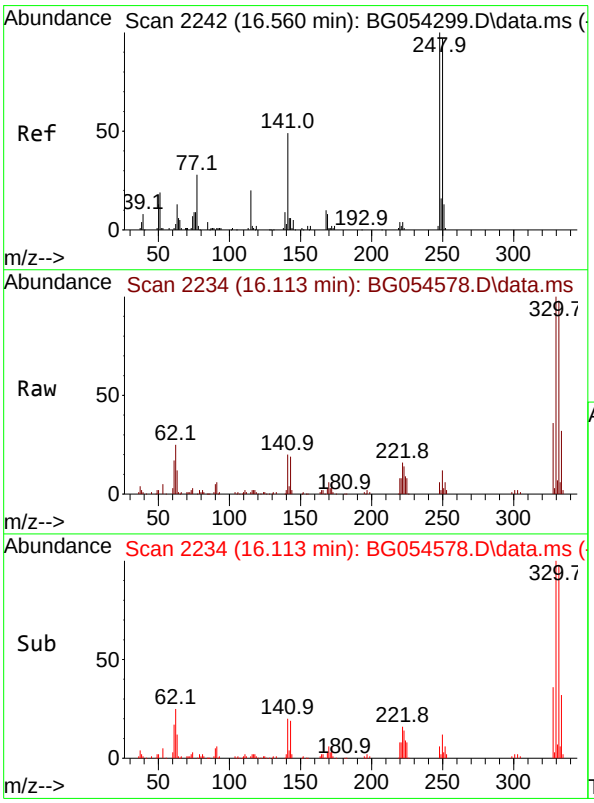
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:188 Resp: 141107

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.4	8.0#
80	4.8	6.8	10.2#

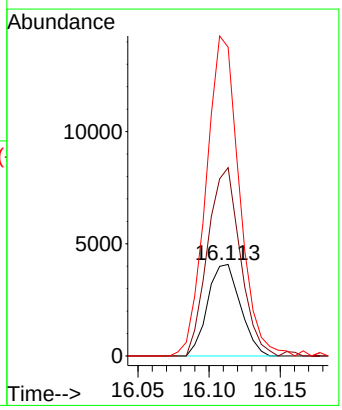


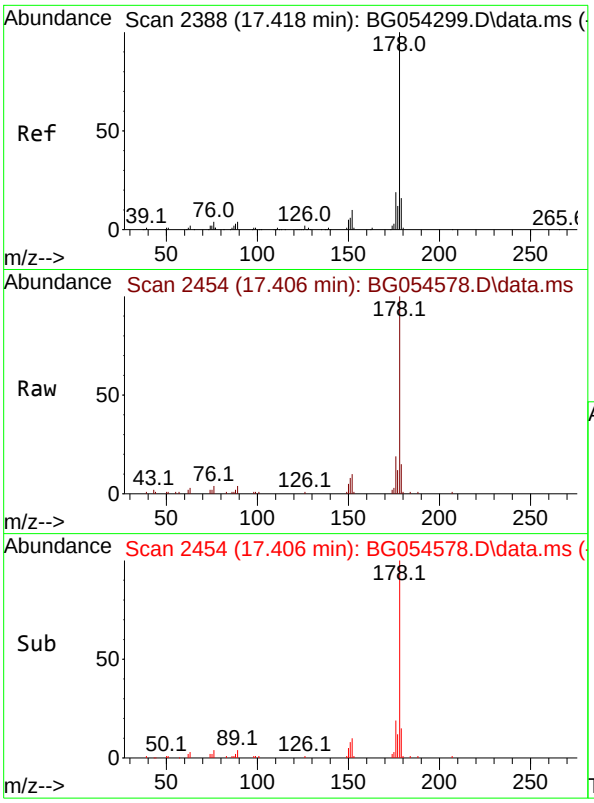


#67
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.431 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:248 Resp: 6537

Ion	Ratio	Lower	Upper
248	100		
250	263.8	75.2	112.8#
141	337.4	50.0	75.0#



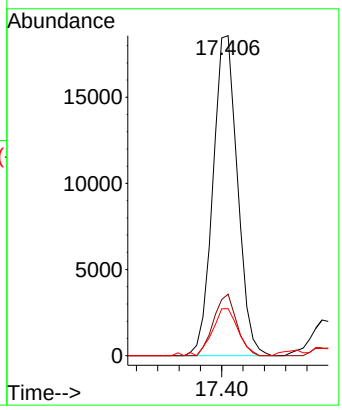


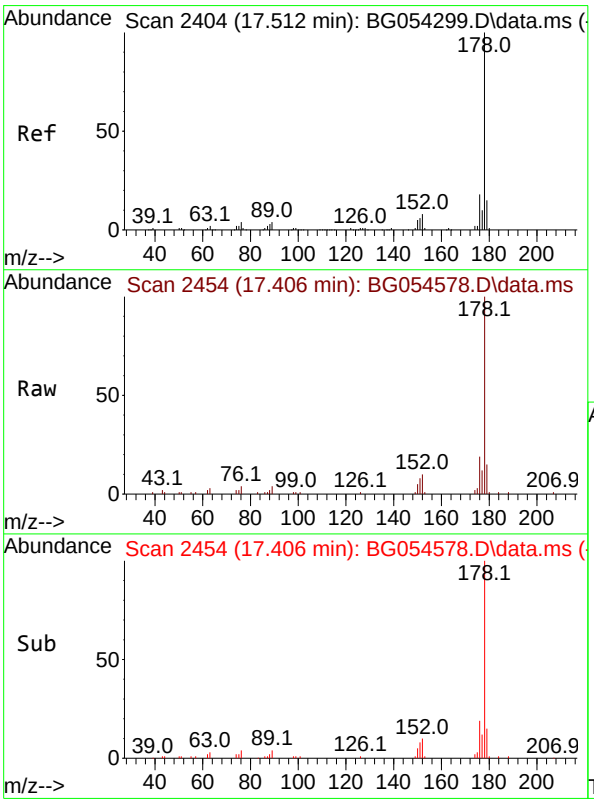
#71
Phenanthrene
Concen: 4.222 ng
RT: 17.406 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:178 Resp: 29666

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	14.7	12.1	18.1

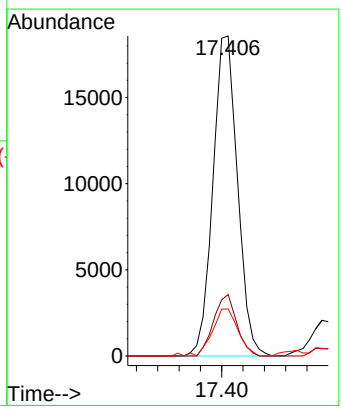


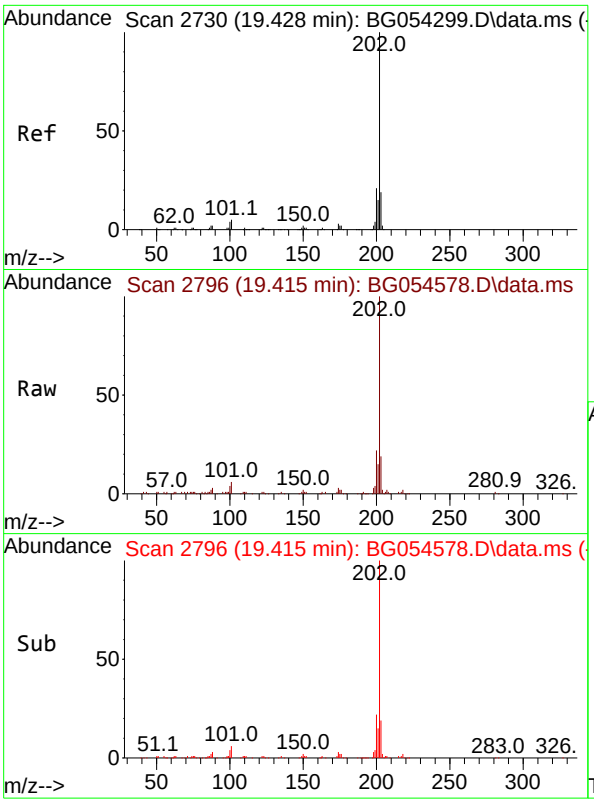


#72
Anthracene
Concen: 4.302 ng
RT: 17.406 min Scan# 2454
Delta R.T. -0.091 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:178 Resp: 29666

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	14.7	13.0	19.4



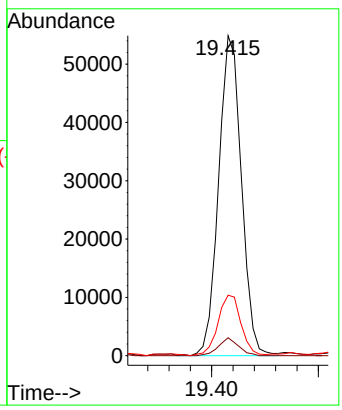


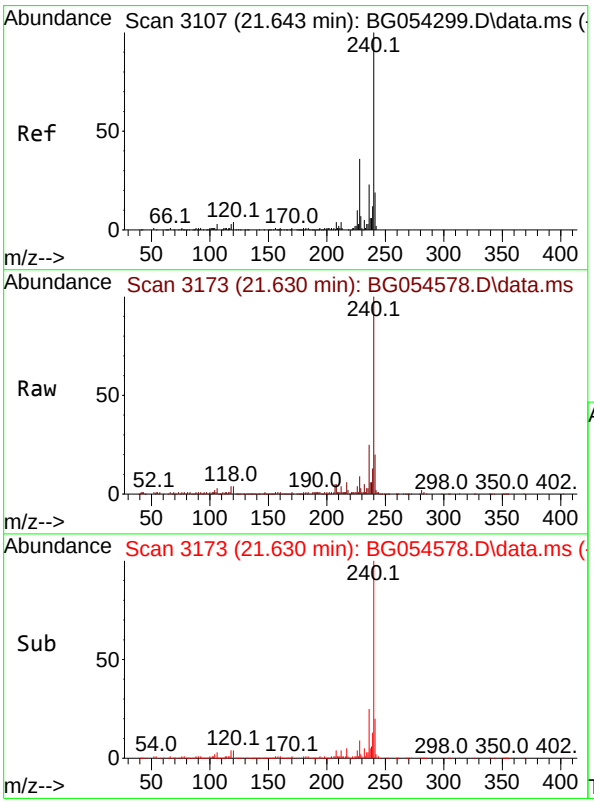
#75
Fluoranthene
Concen: 8.495 ng
RT: 19.415 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:202 Resp: 81374

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	26.9
203	18.9	0.0	37.2

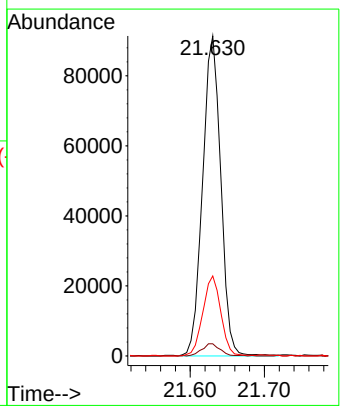


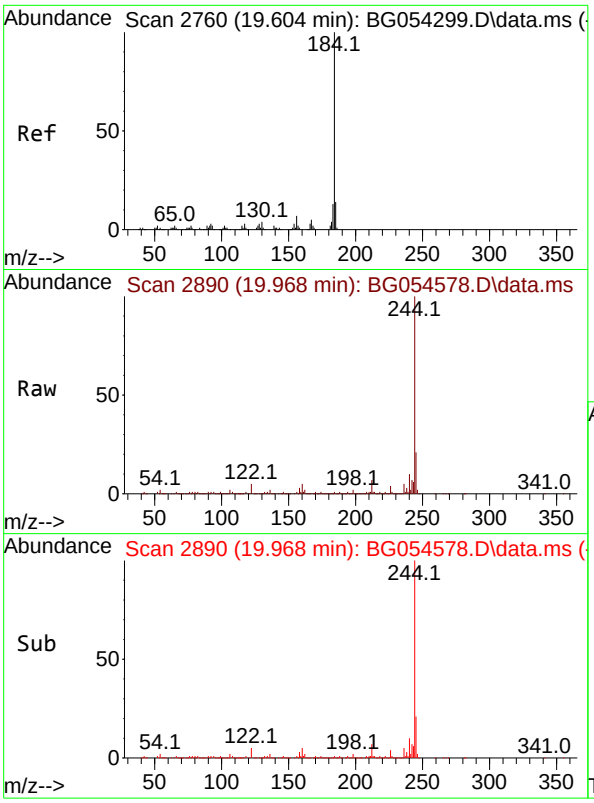


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:240 Resp: 155490

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.6	7.0#
236	25.0	20.2	30.4



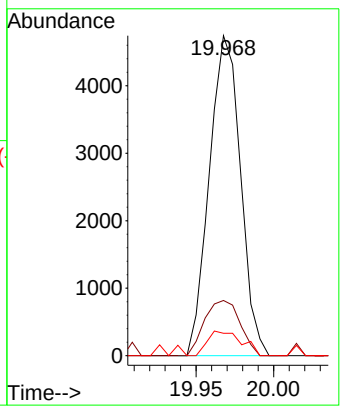


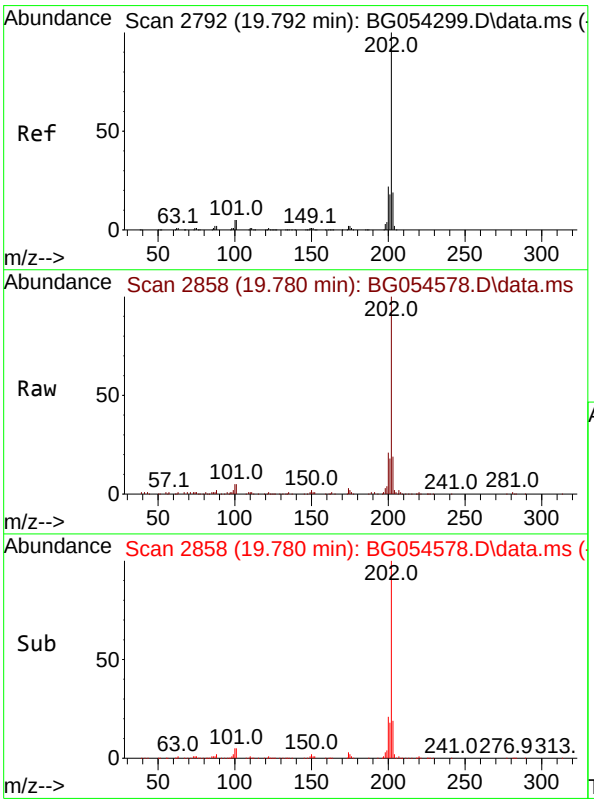
#77
Benzidine
Concen: 2.352 ng
RT: 19.968 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:184 Resp: 6623

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.8	17.6
183	7.0	8.9	13.3#

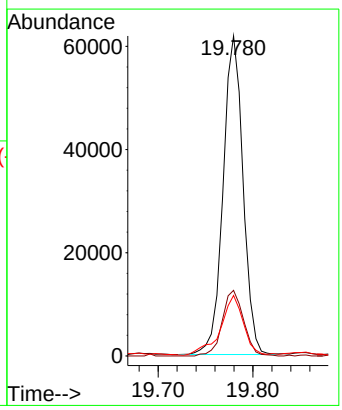


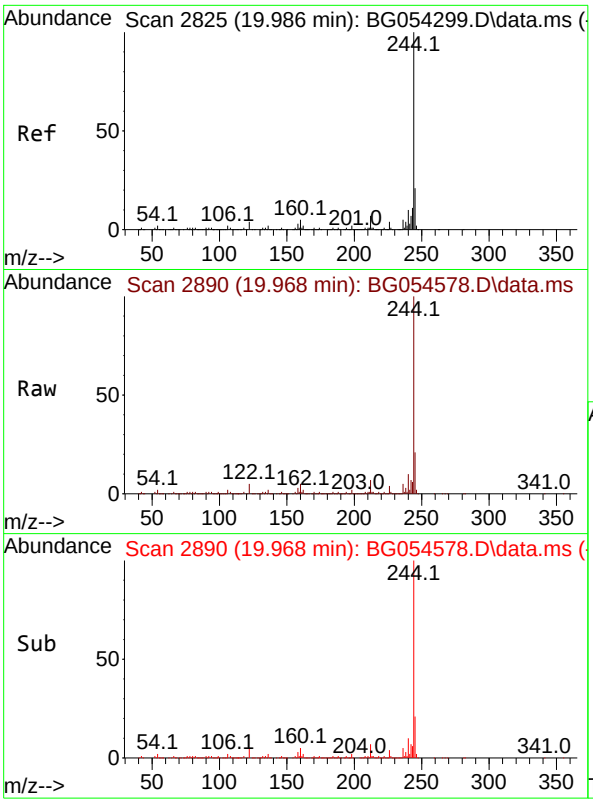


#78
Pyrene
Concen: 10.114 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:202 Resp: 90236

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	18.9	14.6	21.8



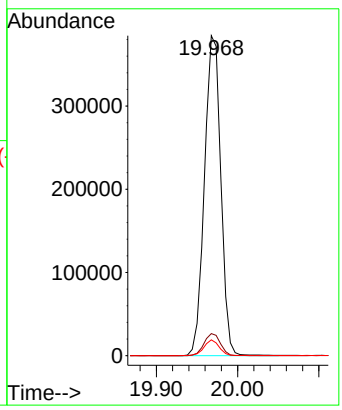


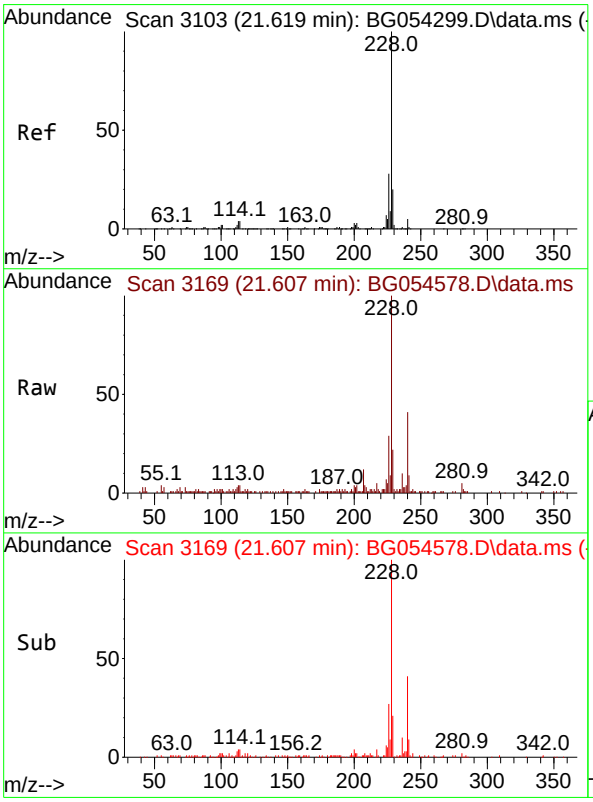
#79
Terphenyl-d14
Concen: 68.412 ng
RT: 19.968 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:244 Resp: 536214

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	4.9	5.0	7.4#

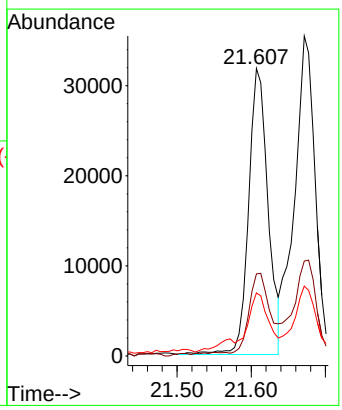


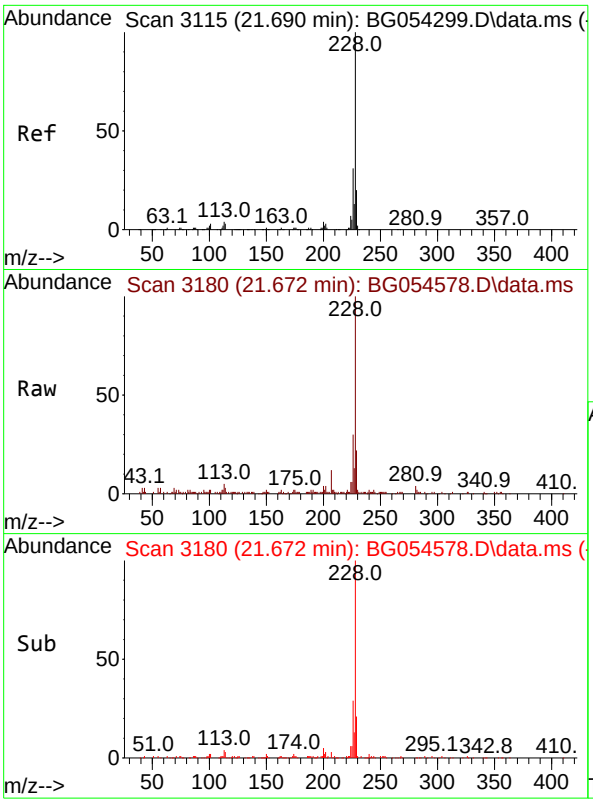


#81
Benzo(a)anthracene
Concen: 5.866 ng
RT: 21.607 min Scan# 3169
Delta R.T. -0.008 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:228 Resp: 57899

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.6	32.4
229	22.0	16.2	24.2



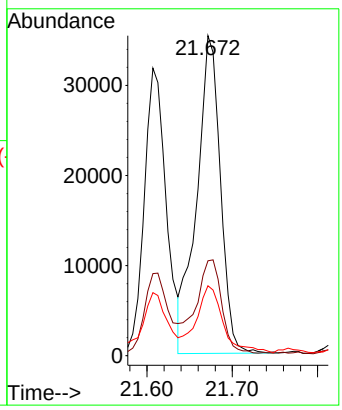


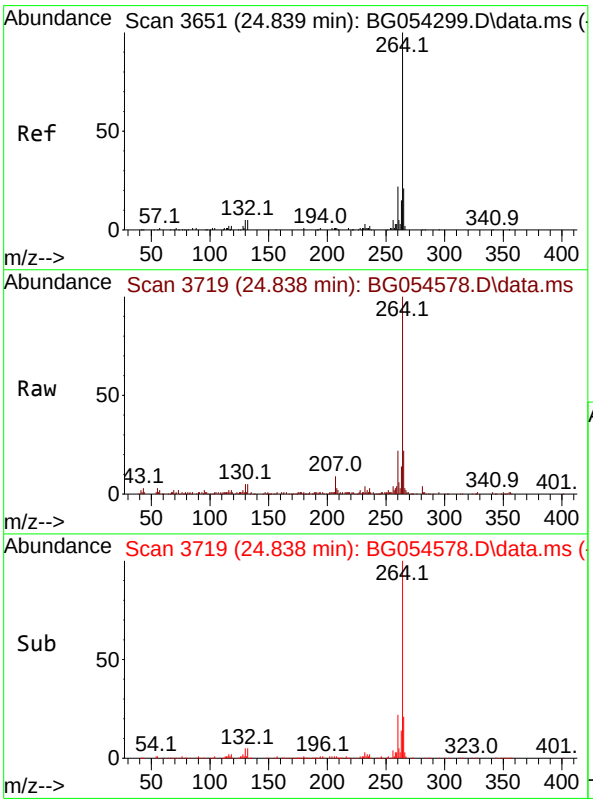
#83
Chrysene
Concen: 7.323 ng
RT: 21.672 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:228 Resp: 68292

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.8	15.5	23.3

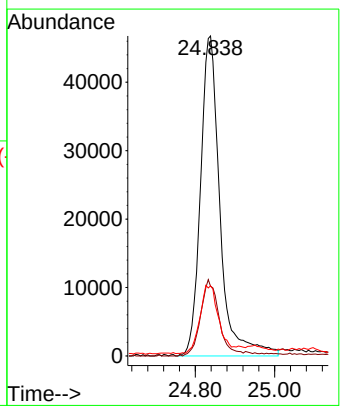


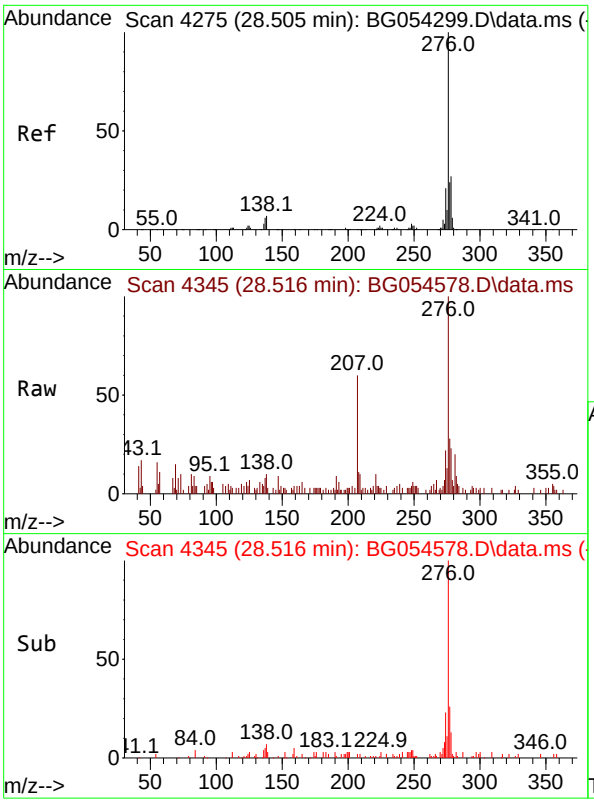


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3719
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:264 Resp: 159539

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.0	28.6
265	21.9	17.4	26.2



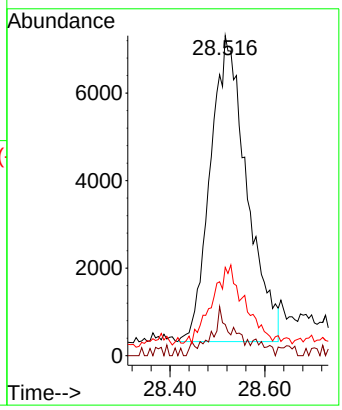


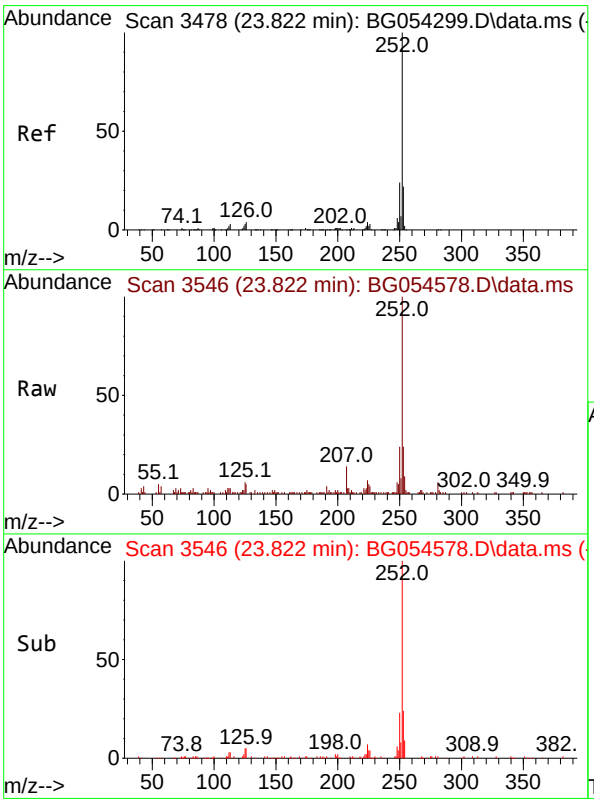
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.074 ng
RT: 28.516 min Scan# 4
Delta R.T. -0.014 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:276 Resp: 37306

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.0	7.4#
277	22.7	20.3	30.5

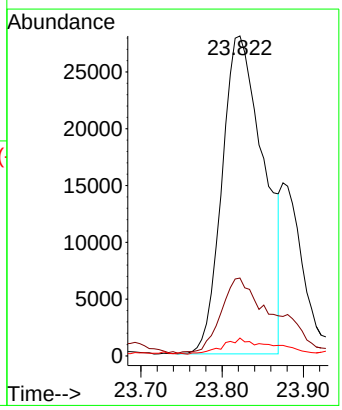


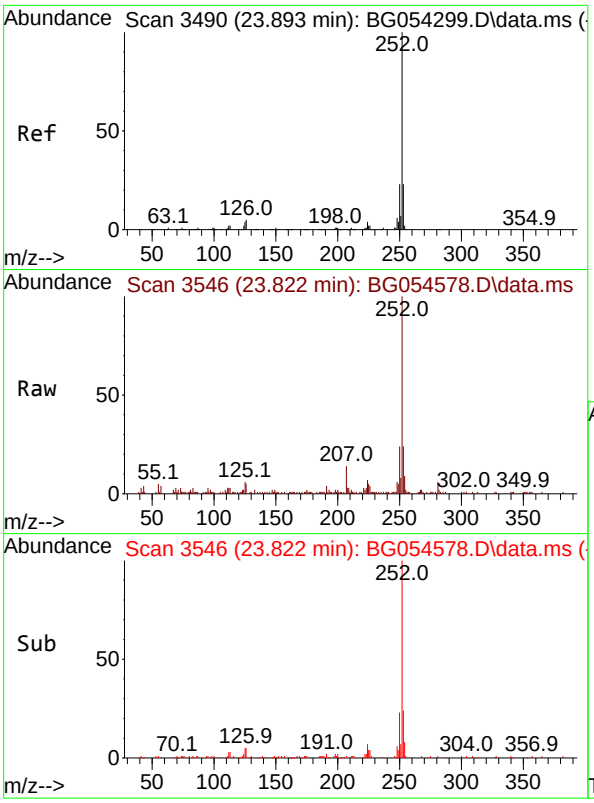


#88
Benzo(b)fluoranthene
Concen: 10.645 ng
RT: 23.822 min Scan# 3546
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:252 Resp: 100433

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	5.6	4.6	6.8



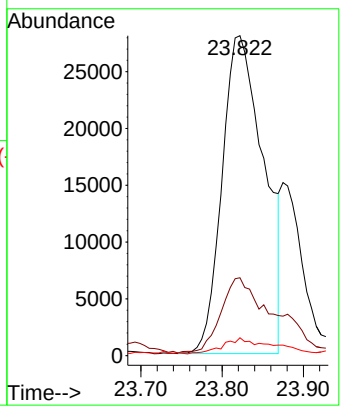


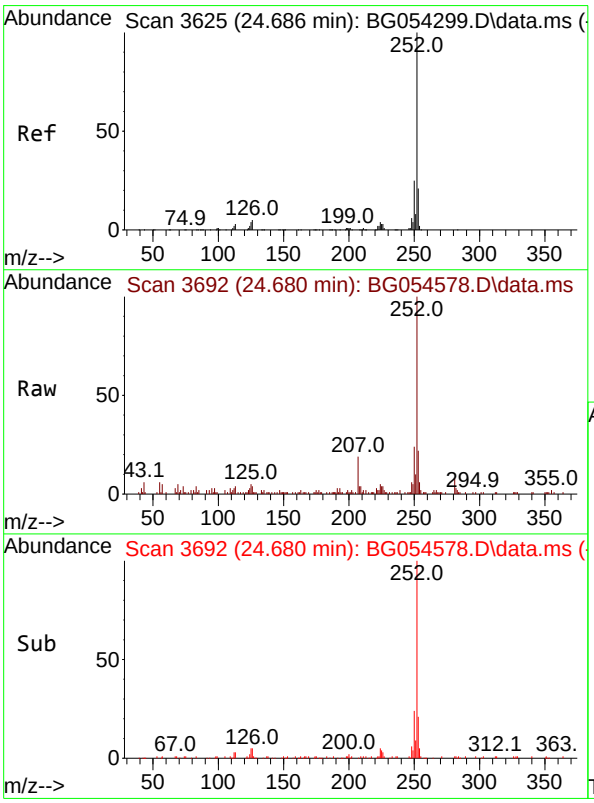
#89
Benzo(k)fluoranthene
Concen: 10.696 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.061 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:252 Resp: 100433

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	5.6	4.8	7.2

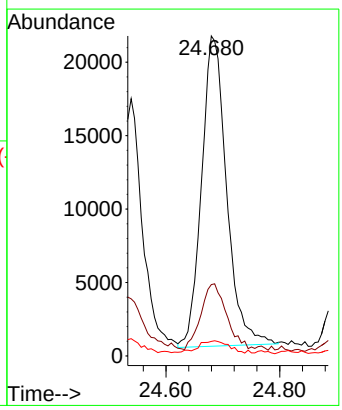


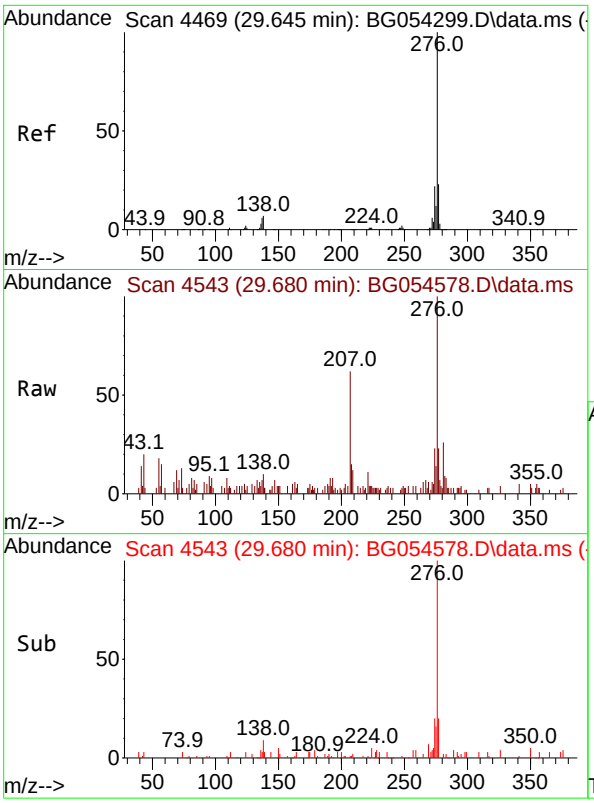


#90
Benzo(a)pyrene
Concen: 7.994 ng
RT: 24.680 min Scan# 3692
Delta R.T. -0.008 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Tgt Ion:252 Resp: 64413

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	4.5	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 3.804 ng
RT: 29.680 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG054578.D
Acq: 9 Aug 2022 20:49

Instrument :
BNA_G
ClientSampleId :
RVE-215

Tgt Ion:276 Resp: 37470

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.3	25.9
138	10.3	9.6	14.4