Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054464.D
Acq On : 1 Aug 2022 14:36
Operator : CG/JU
Sample : N3896-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-70

Quant Time: Aug 02 05:45:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	16130	20.000	ng	-0.01
21) Naphthalene-d8	10.790	136	61588	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	50272	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	139897	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	156406	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	165489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	81222	105.135	ng	0.00
7) Phenol-d6	7.177	99	109089	103.051	ng	0.00
23) Nitrobenzene-d5	9.145	82	73579	65.060	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	116741	110.600	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	224364	62.959	ng	0.00
79) Terphenyl-d14	19.974	244	521217	66.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	827	2.691	ng	# 1
9) Benzaldehyde	7.171	77	58	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.145	70	10387	14.694	ng	# 81
51) 2,6-Dinitrotoluene	14.621	165	7047	8.182	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	7047	5.707	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	7128	3.628	ng	# 1
71) Phenanthrene	17.406	178	20098	2.885	ng	99
75) Fluoranthene	19.421	202	104054	10.957	ng	95
77) Benzidine	19.974	184	6784	2.395	ng	# 93
78) Pyrene	19.780	202	119687	13.336	ng	98
81) Benzo(a)anthracene	21.613	228	100955	10.168	ng	98
83) Chrysene	21.677	228	110669	11.798	ng	99
87) Indeno(1,2,3-cd)pyrene	28.511	276	155441	12.347	ng	# 98
88) Benzo(b)fluoranthene	23.822	252	231590	23.663	ng	# 97
89) Benzo(k)fluoranthene	23.822	252	231590	23.777	ng	# 98
90) Benzo(a)pyrene	24.539	252	136965	16.387	ng	99
92) Benzo(g,h,i)perylene	29.645	276	156423	15.310	ng	# 92

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

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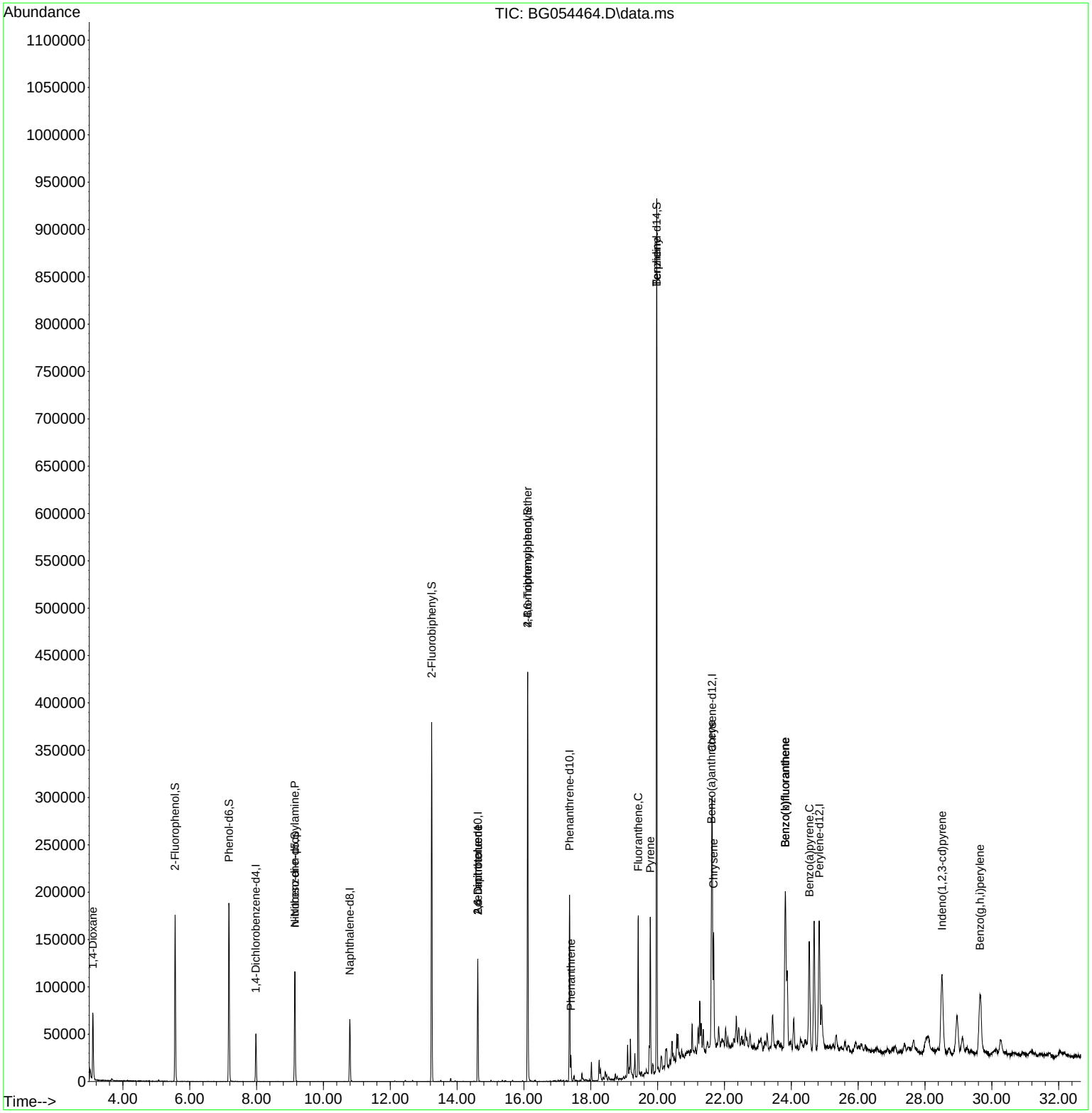
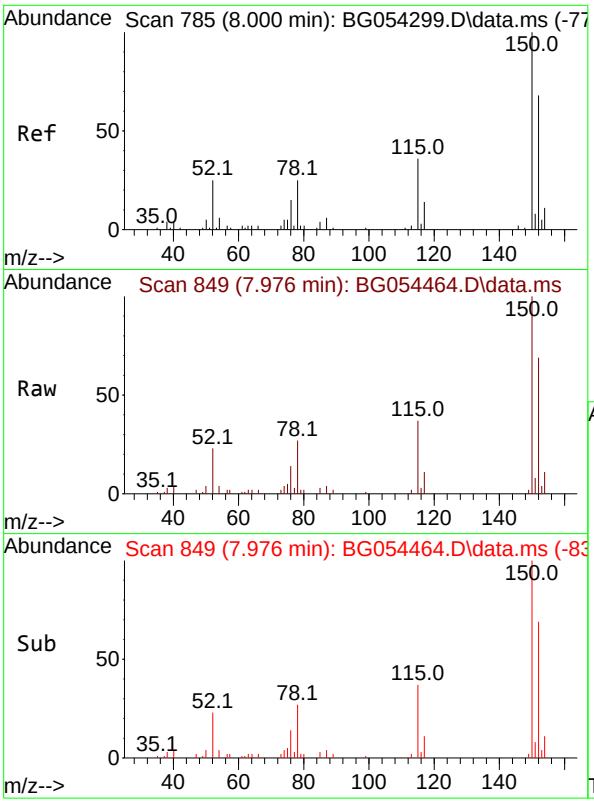


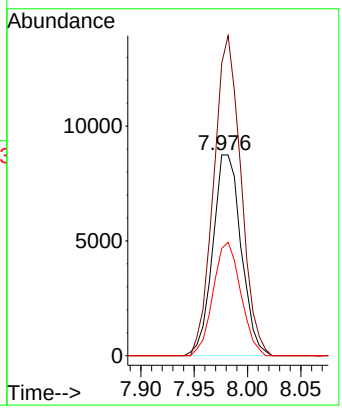


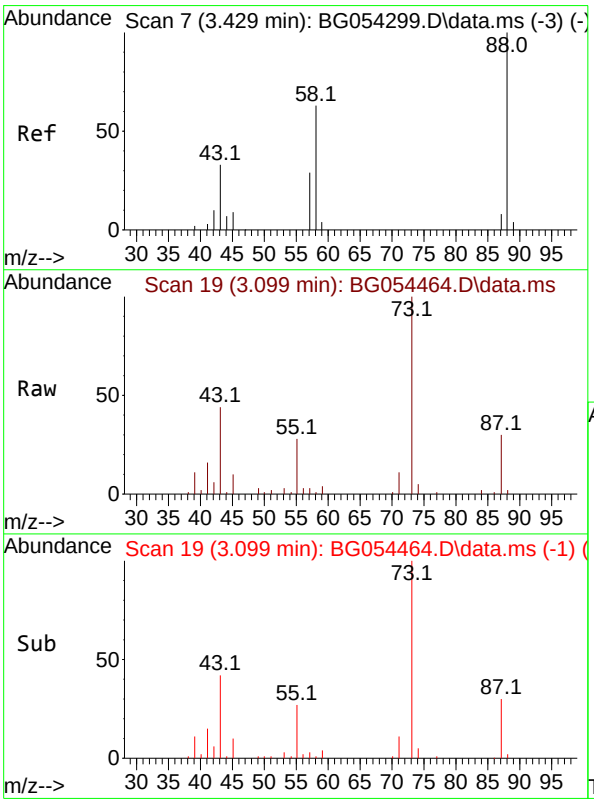
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:152 Resp: 16130

Ion	Ratio	Lower	Upper
152	100		
150	145.6	131.6	197.4
115	53.4	50.9	76.3

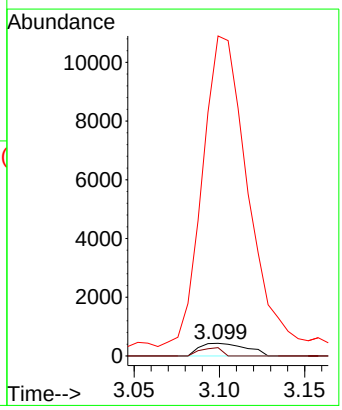


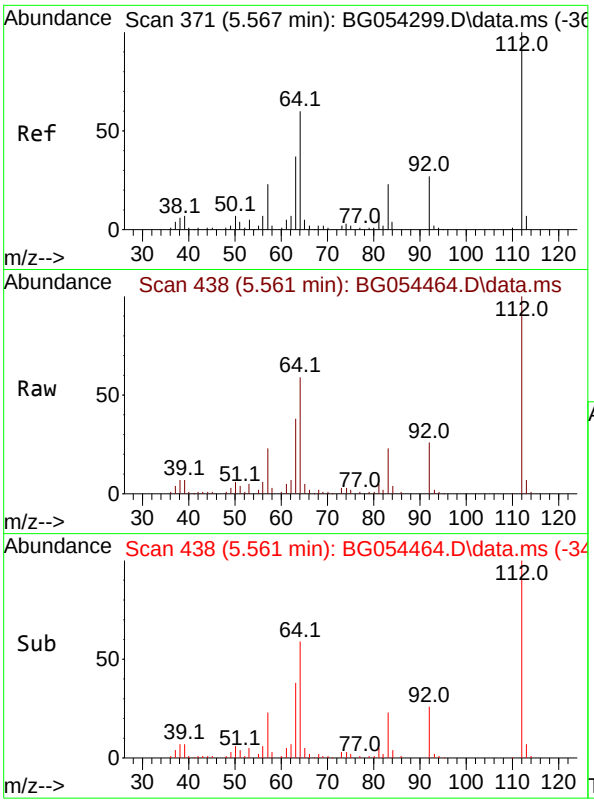


#2
1,4-Dioxane
Concen: 2.691 ng
RT: 3.099 min Scan# 19
Delta R.T. -0.318 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion: 88 Resp: 827

Ion	Ratio	Lower	Upper
88	100		
58	30.2	59.2	88.8#
43	2433.1	24.3	36.5#



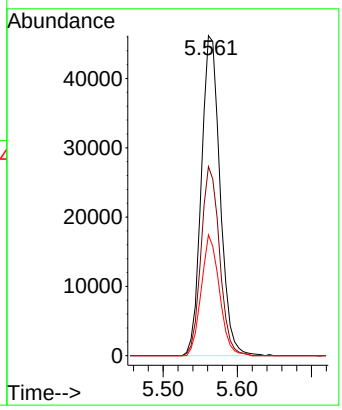


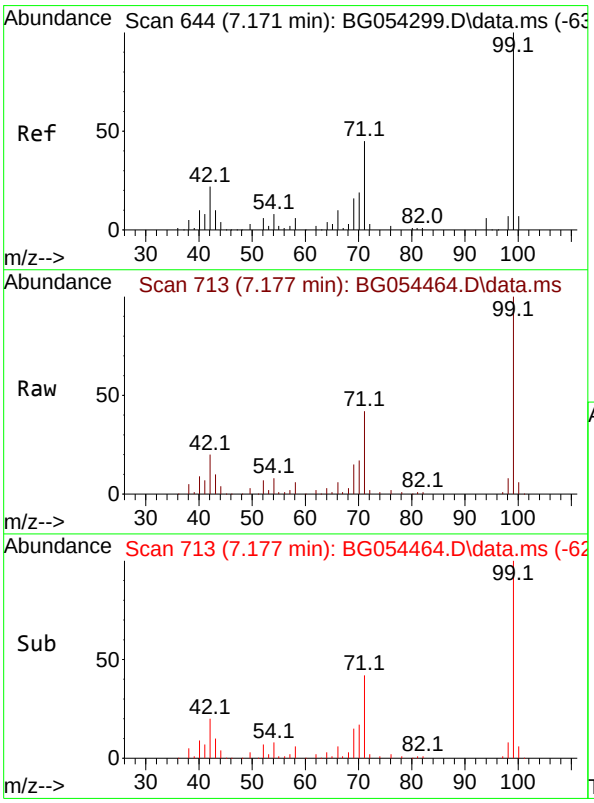
#5
2-Fluorophenol
Concen: 105.135 ng
RT: 5.561 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:112 Resp: 81222

Ion	Ratio	Lower	Upper
112	100		
64	59.1	55.1	82.7
63	37.8	30.4	45.6

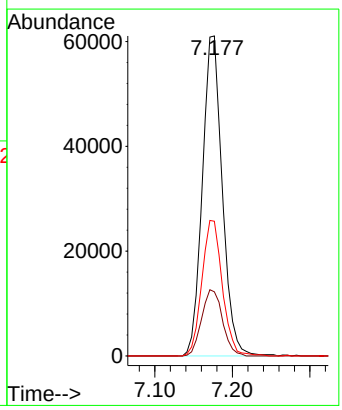


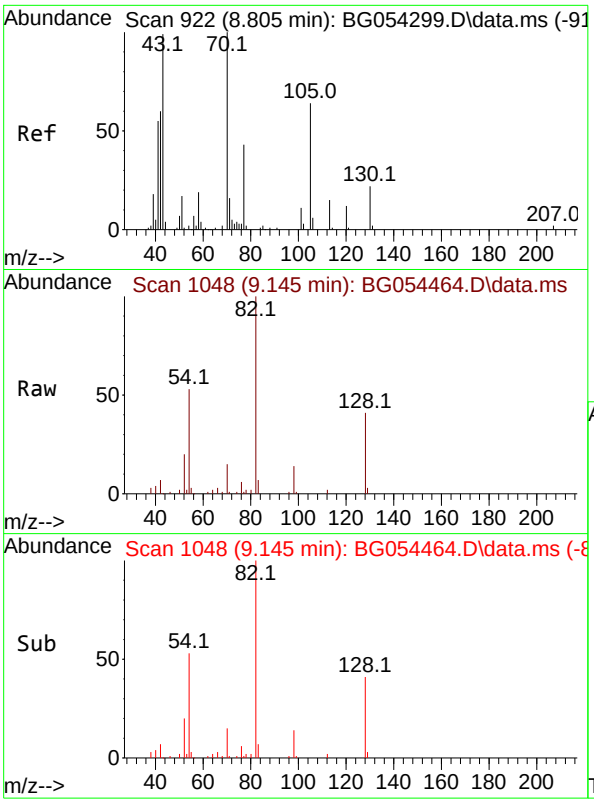


#7
Phenol-d6
Concen: 103.051 ng
RT: 7.177 min Scan# 713
Delta R.T. 0.005 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion: 99 Resp: 109089

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	42.1	33.8	50.8



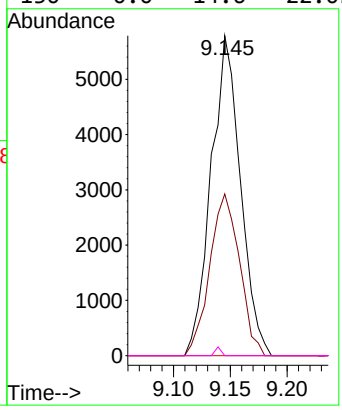


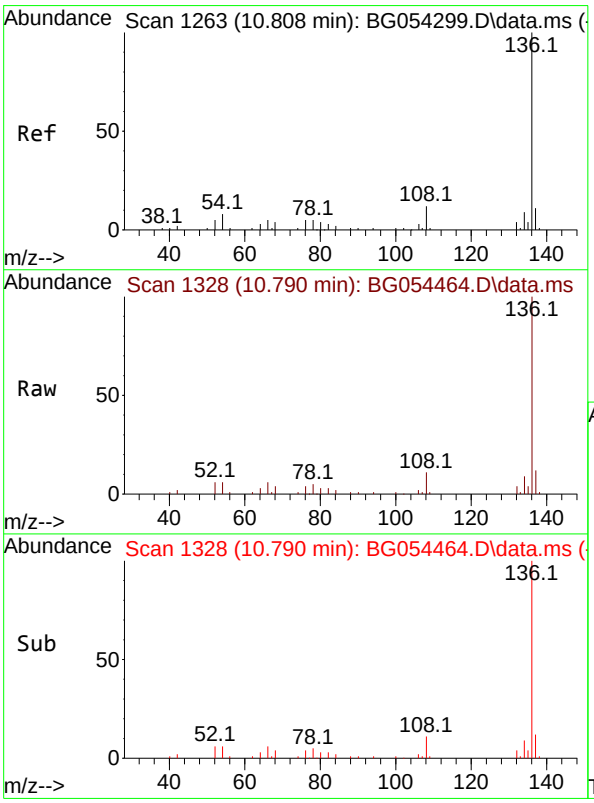
#19
n-Nitroso-di-n-propylamine
Concen: 14.694 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.352 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion: 70 Resp: 10387

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

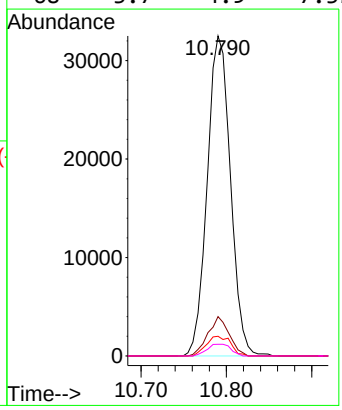


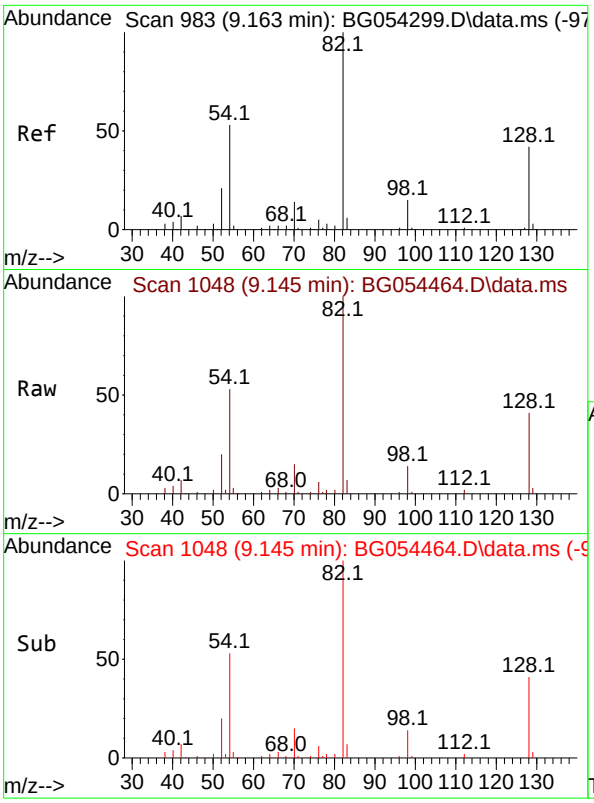


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:136 Resp: 61588

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.5	12.7
54	6.2	7.4	11.2#
68	3.7	4.9	7.3#



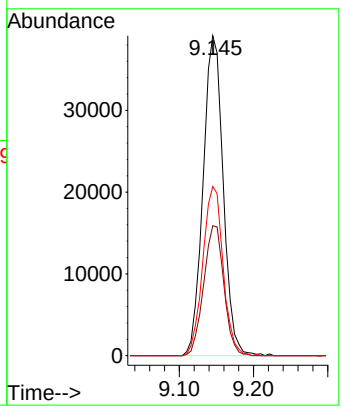


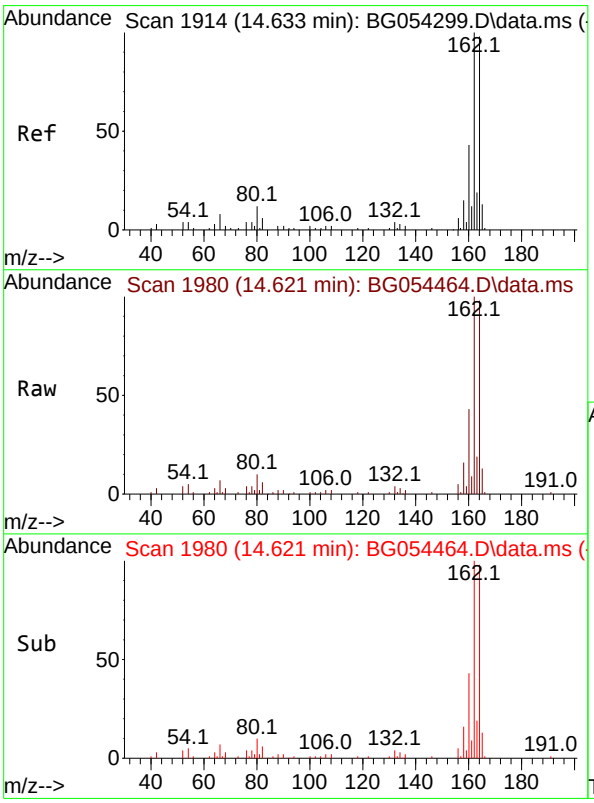
#23
Nitrobenzene-d5
Concen: 65.060 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion: 82 Resp: 73579

Ion	Ratio	Lower	Upper
82	100		
128	40.6	27.9	41.9
54	52.9	41.2	61.8

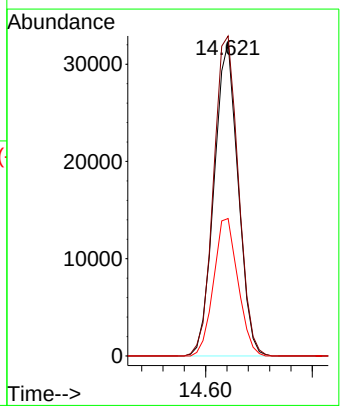


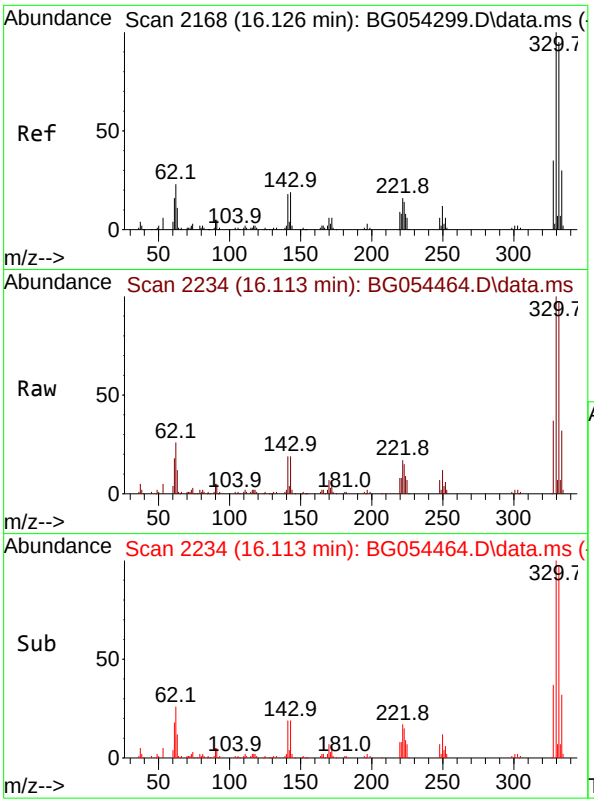


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:164 Resp: 50272

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	43.8	34.2	51.2



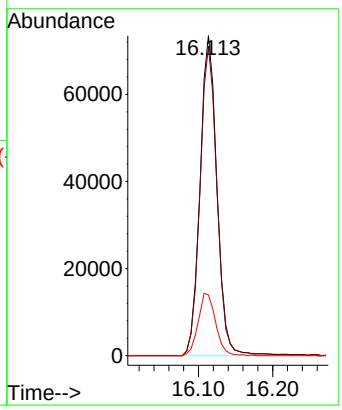


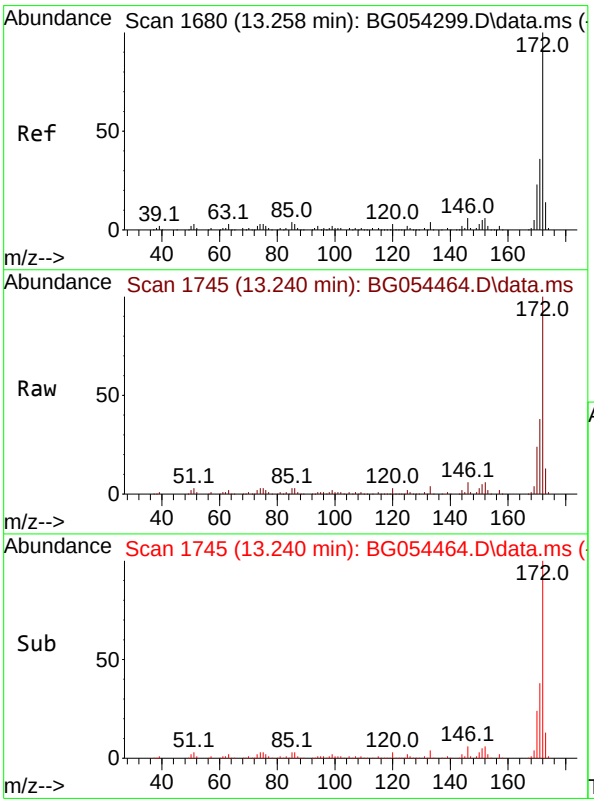
#42
2,4,6-Tribromophenol
Concen: 110.600 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:330 Resp: 116741

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	20.1	27.1	40.7#

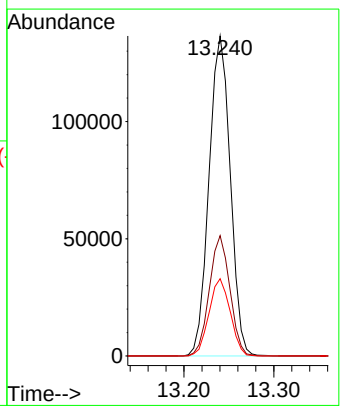


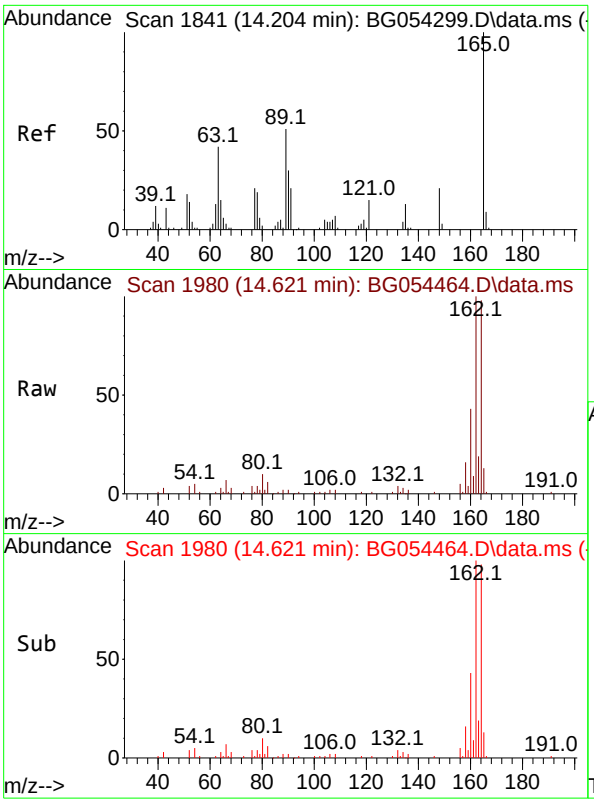


#45
2-Fluorobiphenyl
Concen: 62.959 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:172 Resp: 224364

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.5	42.7
170	24.2	18.9	28.3



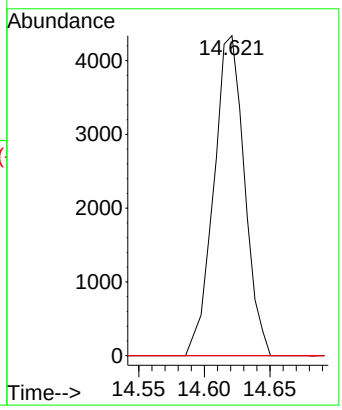


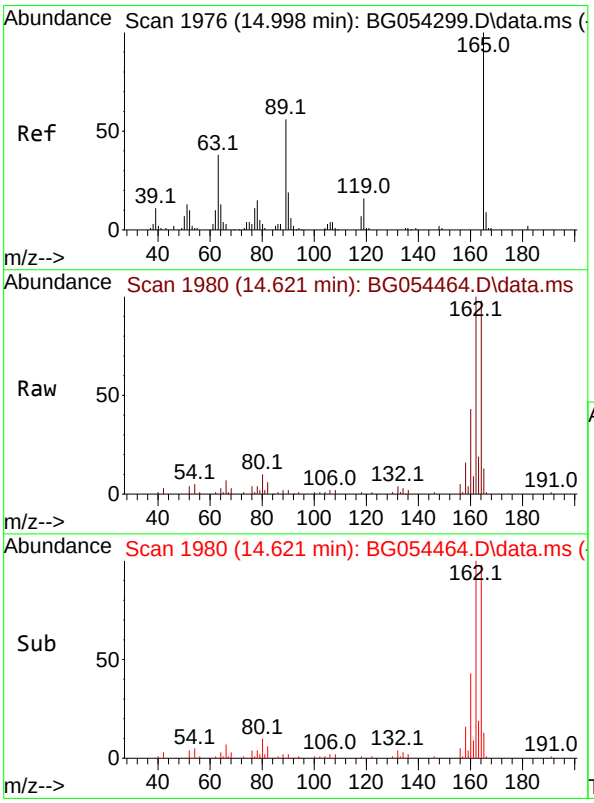
#51
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:165 Resp: 7047

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

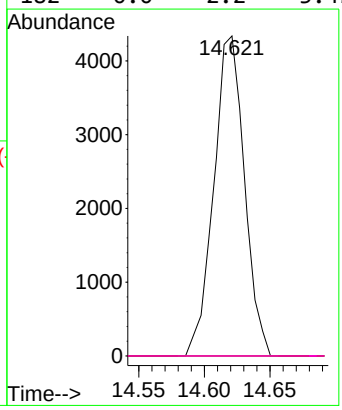


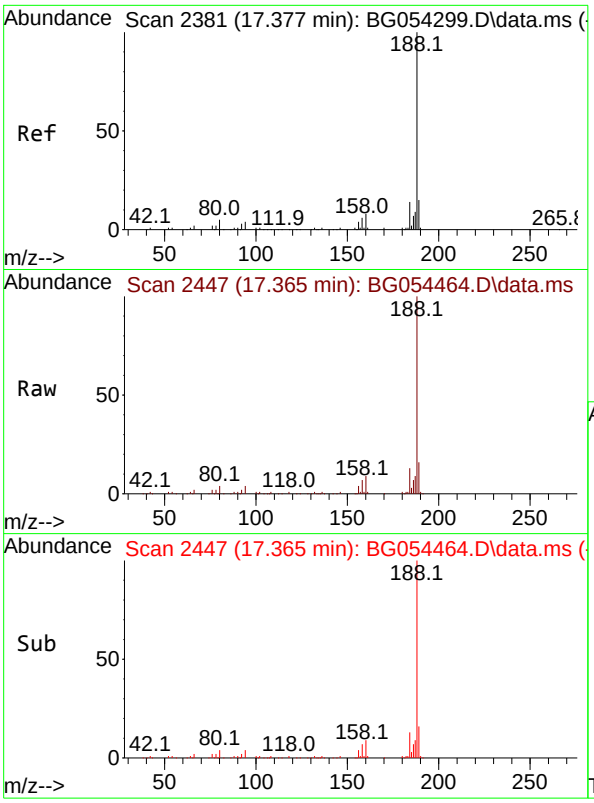


#57
2,4-Dinitrotoluene
Concen: 5.707 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:165 Resp: 7047

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#



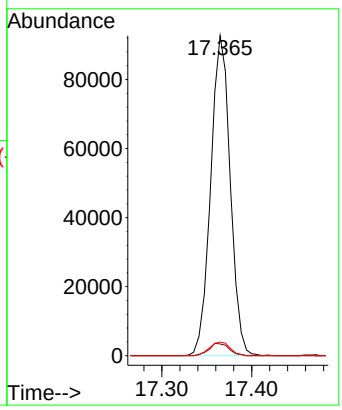


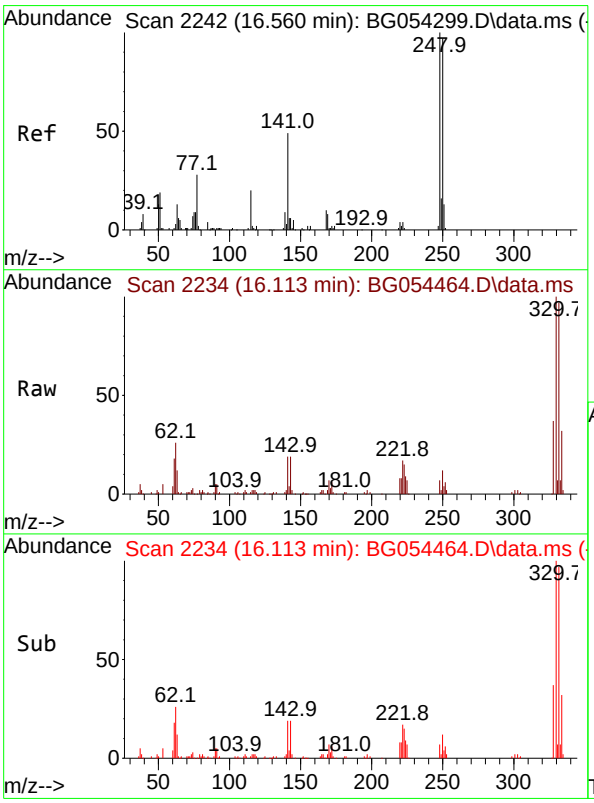
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:188 Resp: 139897

Ion	Ratio	Lower	Upper
188	100		
94	3.7	5.4	8.0#
80	4.2	6.8	10.2#

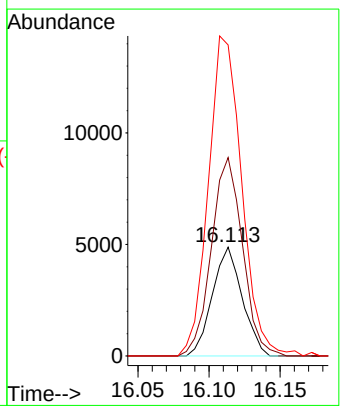


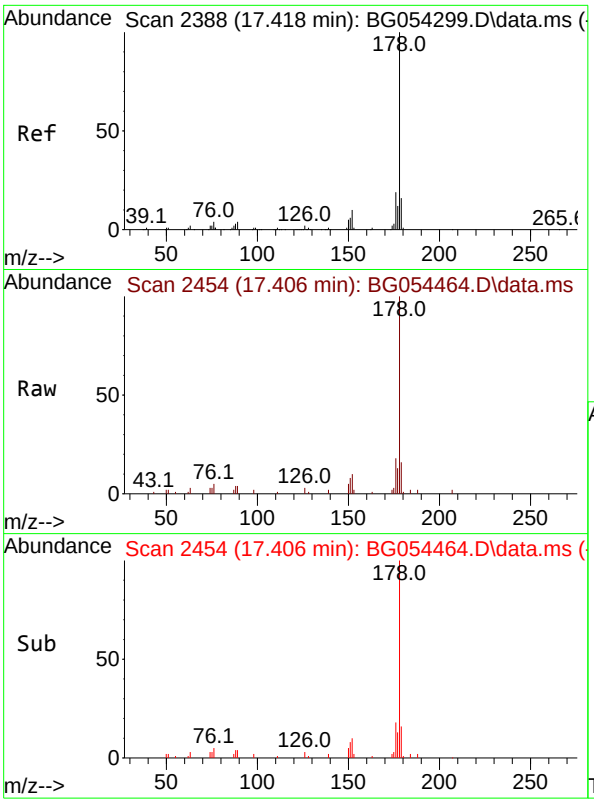


#67
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:248 Resp: 7128

Ion	Ratio	Lower	Upper
248	100		
250	182.4	75.2	112.8#
141	285.9	50.0	75.0#



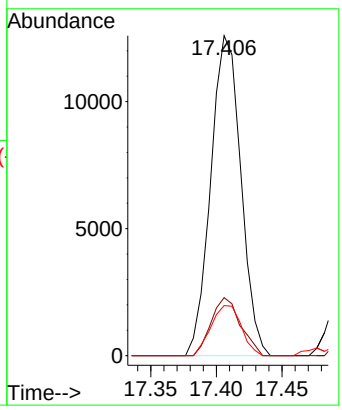


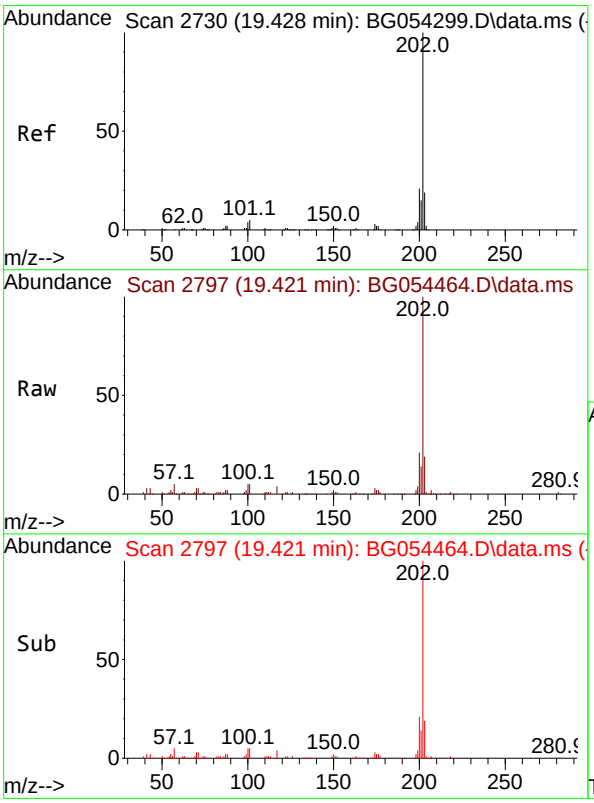
#71
Phenanthrene
Concen: 2.885 ng
RT: 17.406 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:178 Resp: 20098

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	15.6	12.1	18.1

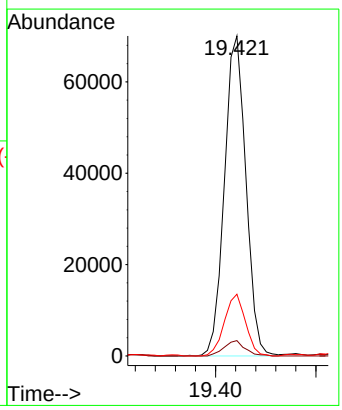


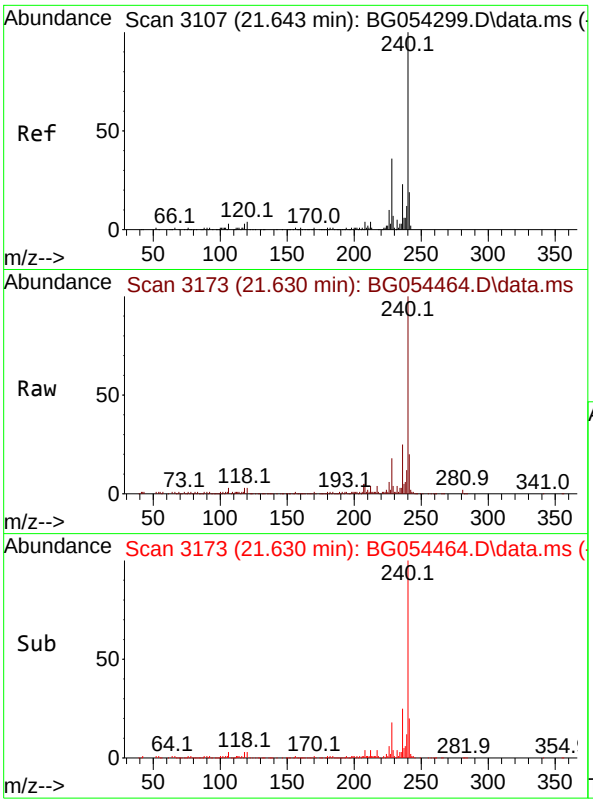


#75
Fluoranthene
Concen: 10.957 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:202 Resp: 104054

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	26.9
203	19.3	0.0	37.2



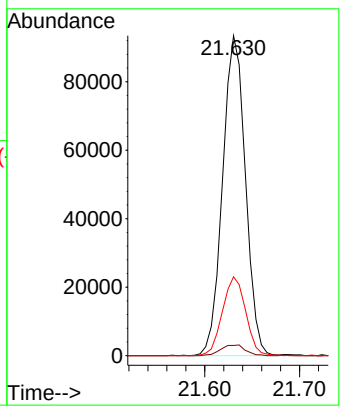


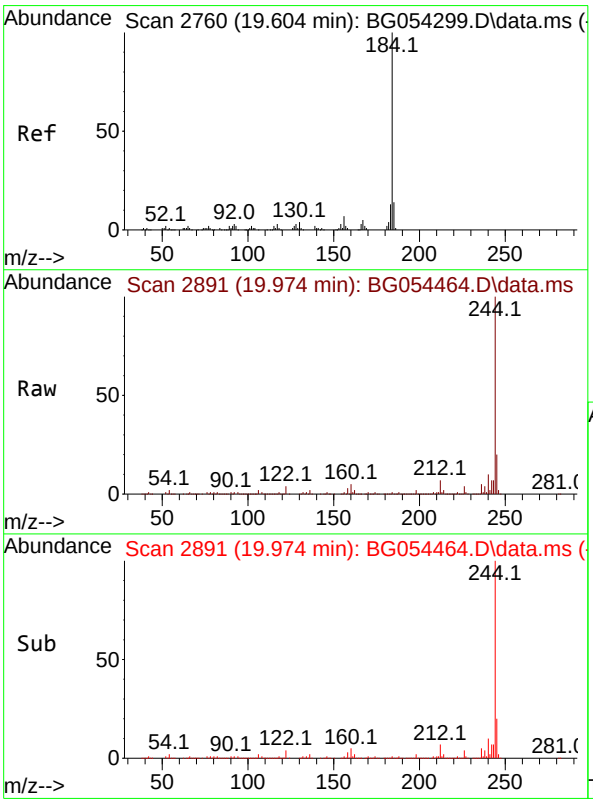
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:240 Resp: 156406

Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.6	7.0#
236	24.7	20.2	30.4

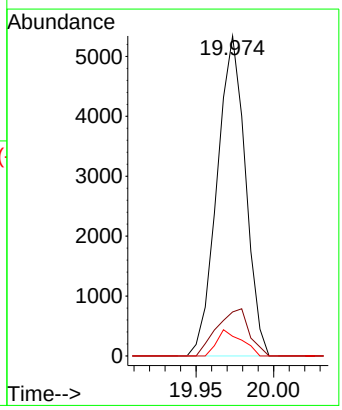


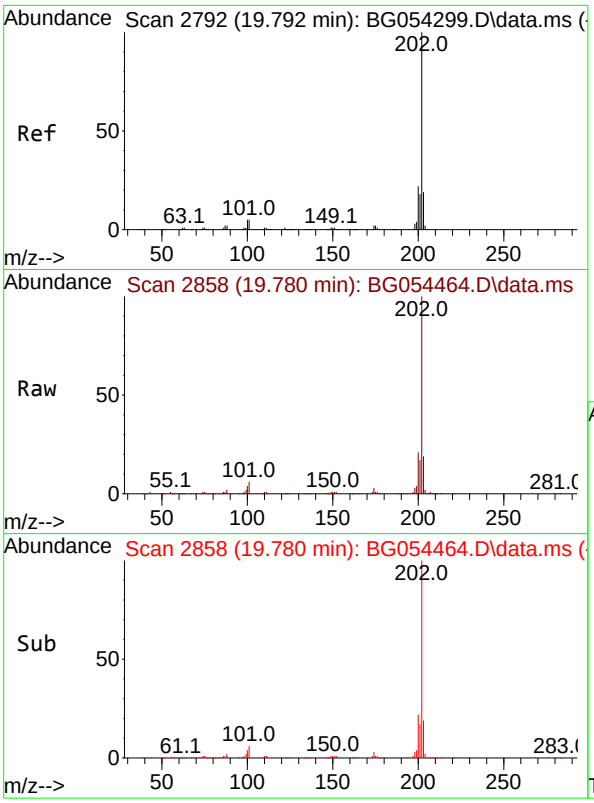


#77
Benzidine
Concen: 2.395 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:184 Resp: 6784

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.6
183	6.2	8.9	13.3#



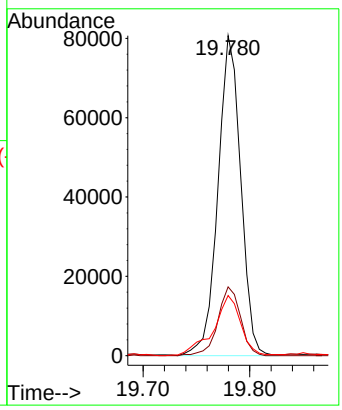


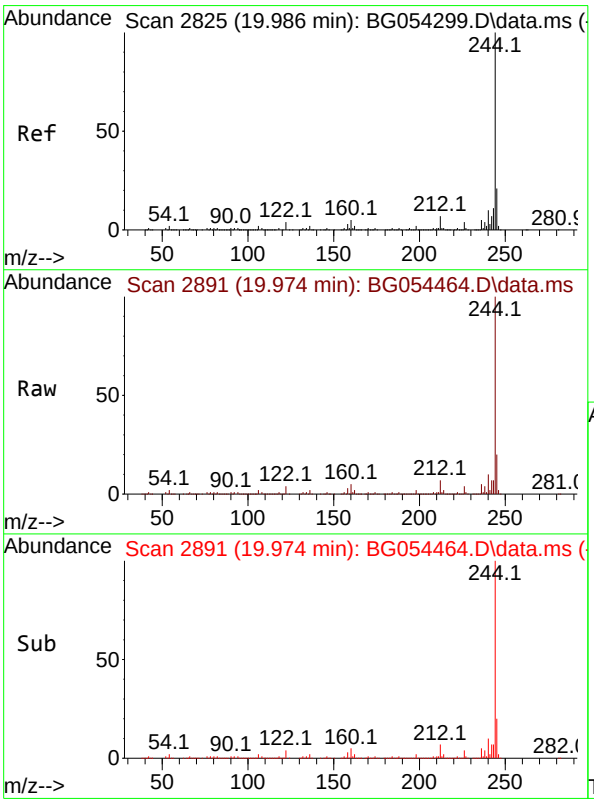
#78
Pyrene
Concen: 13.336 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:202 Resp: 119687

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.8	14.6	21.8

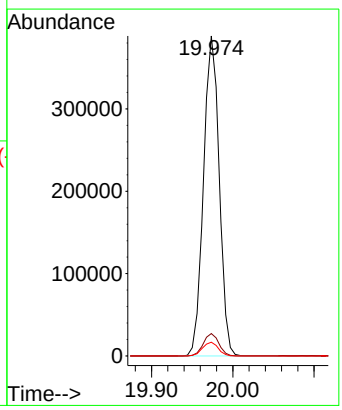


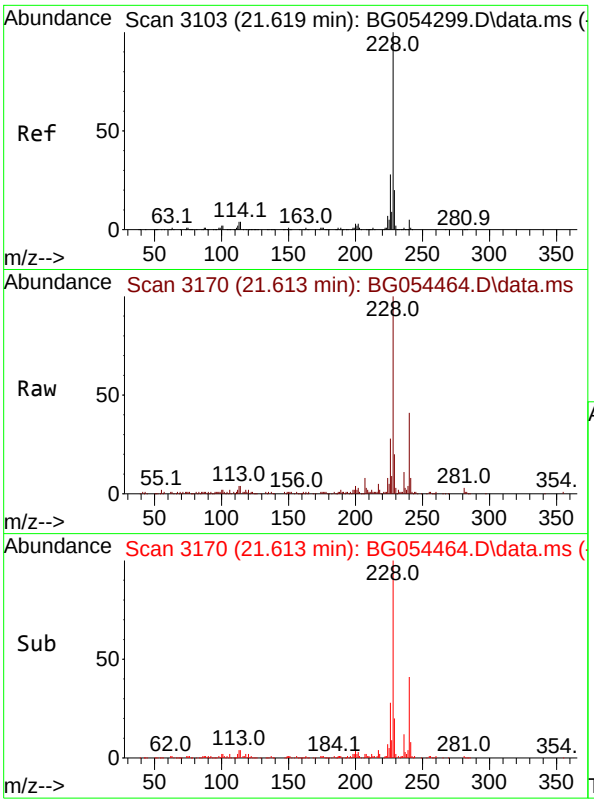


#79
Terphenyl-d14
Concen: 66.109 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:244 Resp: 521217

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	4.3	5.0	7.4#



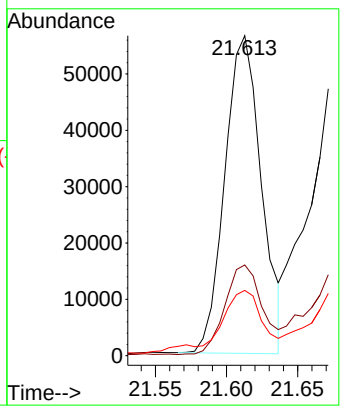


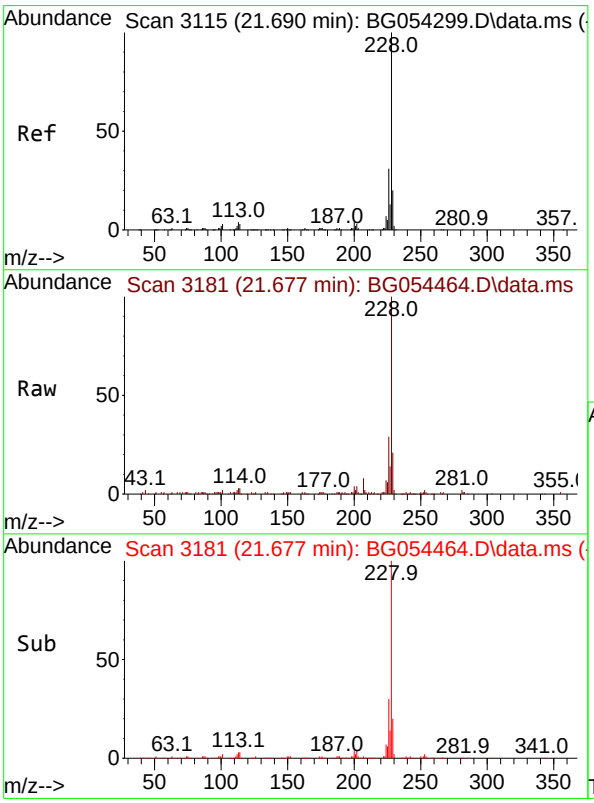
#81
Benzo(a)anthracene
Concen: 10.168 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:228 Resp: 100955

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.6	32.4
229	20.4	16.2	24.2

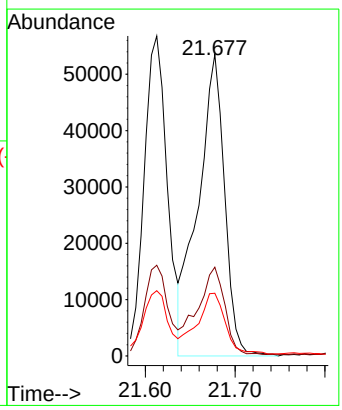


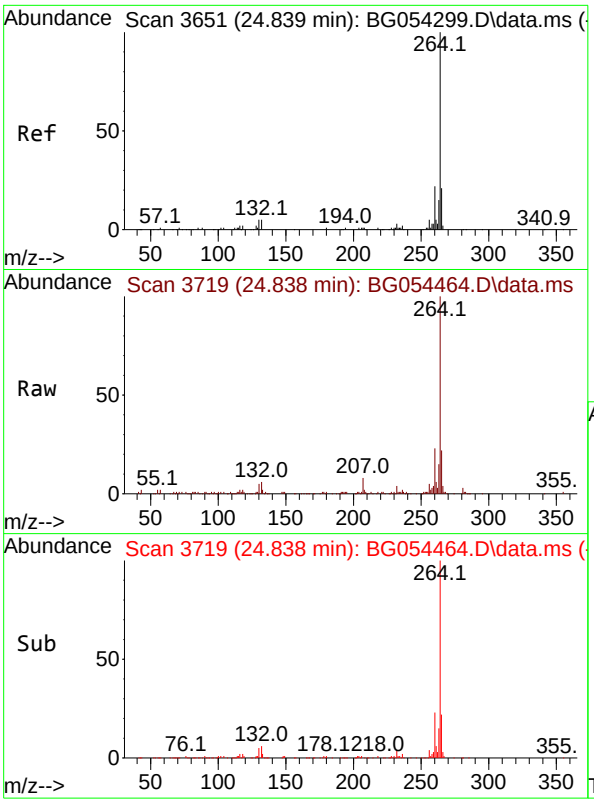


#83
Chrysene
Concen: 11.798 ng
RT: 21.677 min Scan# 3181
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:228 Resp: 110669

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	20.8	15.5	23.3



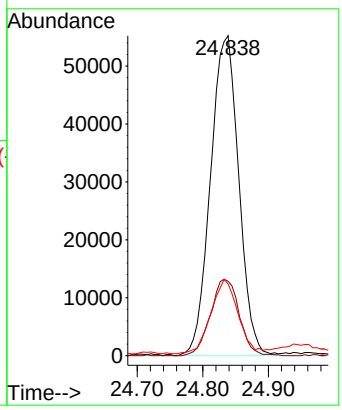


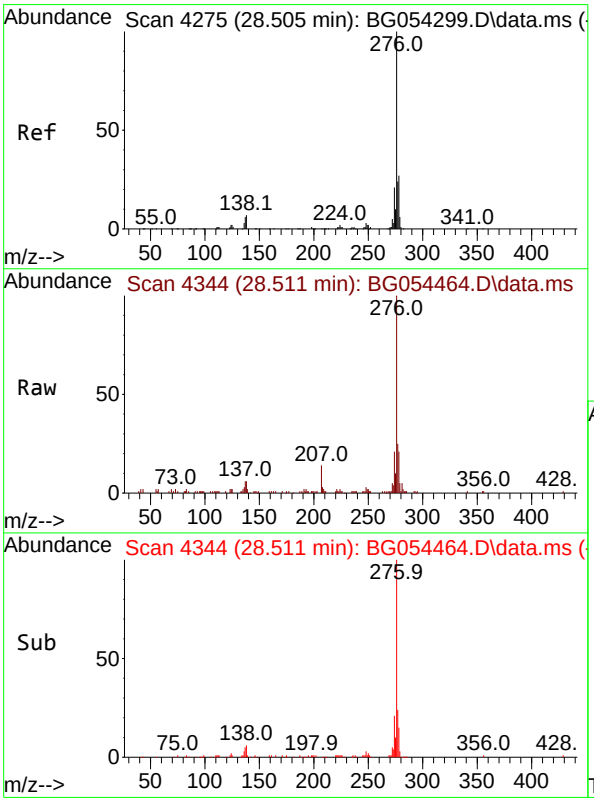
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:264 Resp: 165489

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	22.5	17.4	26.2

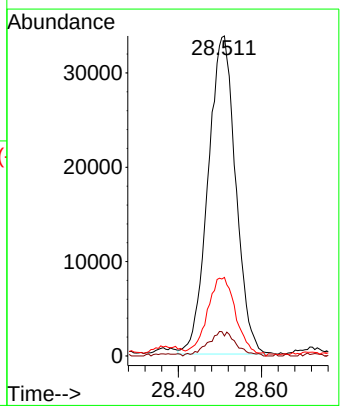


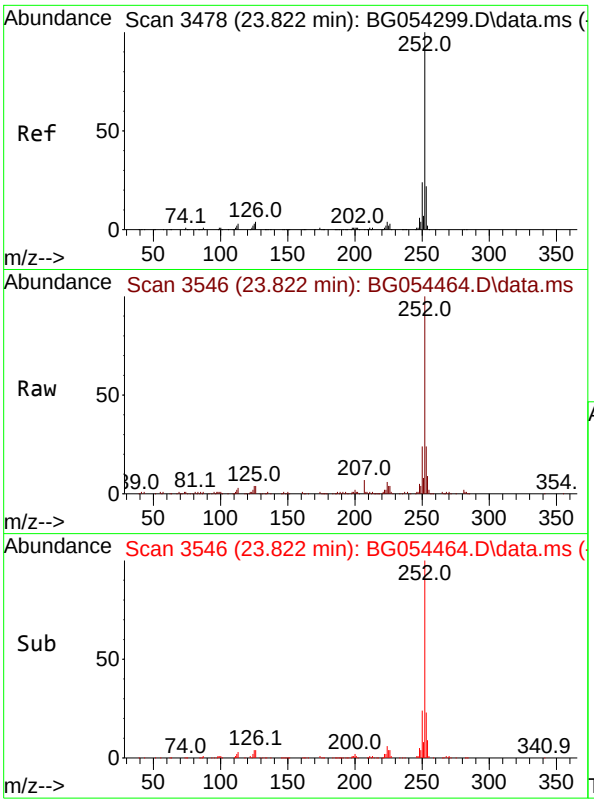


#87
Indeno(1,2,3-cd)pyrene
Concen: 12.347 ng
RT: 28.511 min Scan# 4344
Delta R.T. -0.007 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:276 Resp: 155441

Ion	Ratio	Lower	Upper
276	100		
138	7.8	5.0	7.4#
277	25.8	20.3	30.5



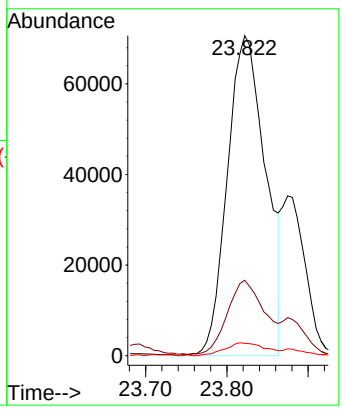


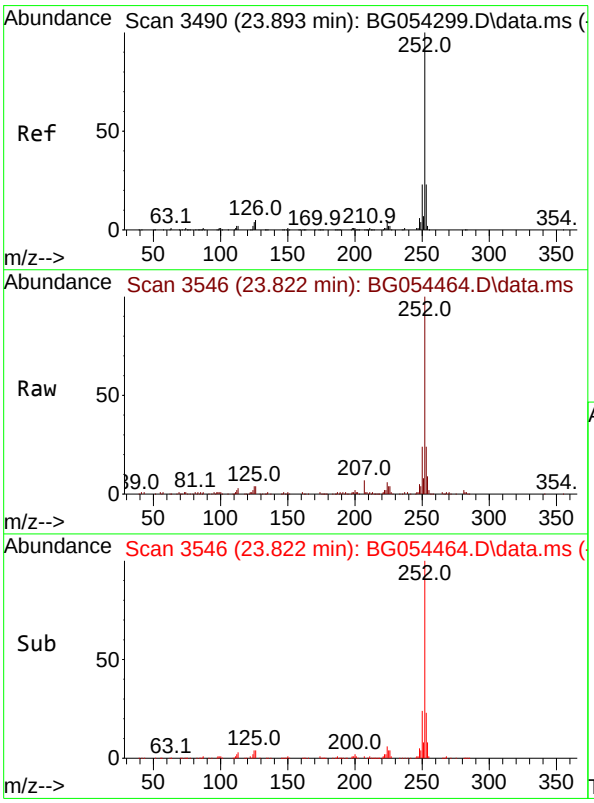
#88
Benzo(b)fluoranthene
Concen: 23.663 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:252 Resp: 231590

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	3.9	4.6	6.8#

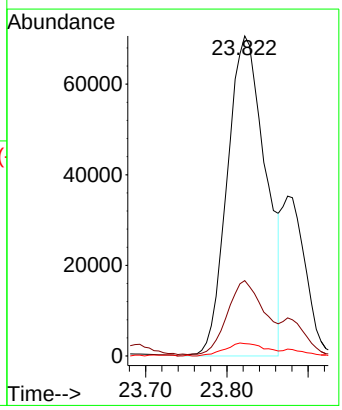


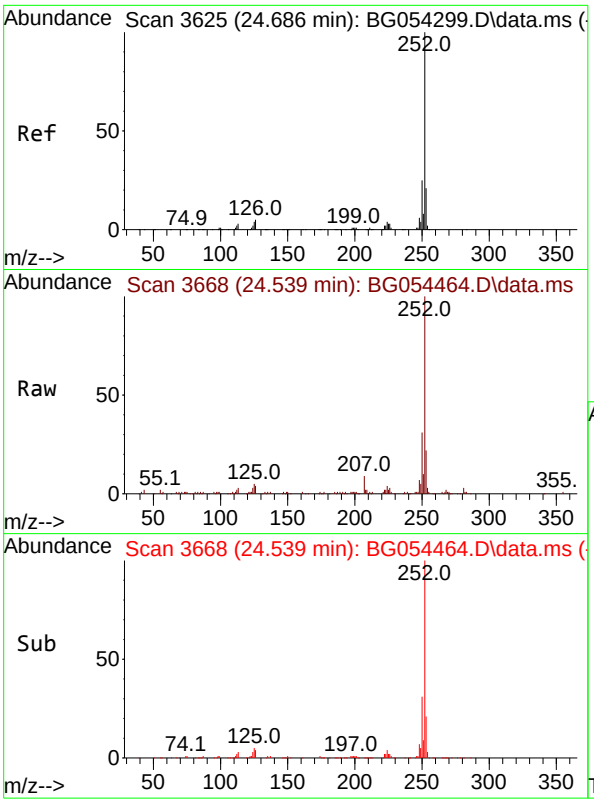


#89
Benzo(k)fluoranthene
Concen: 23.777 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.065 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:252 Resp: 231590

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	3.9	4.8	7.2#



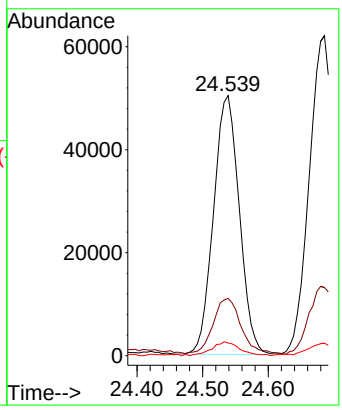


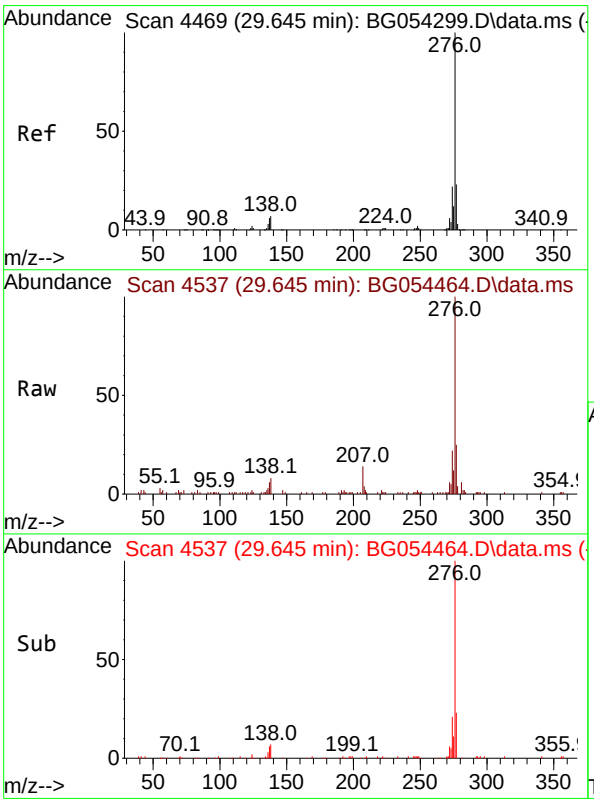
#90
Benzo(a)pyrene
Concen: 16.387 ng
RT: 24.539 min Scan# 3
Delta R.T. -0.148 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Instrument :
BNA_G
ClientSampleId :
RVE-70

Tgt Ion:252 Resp: 136965

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	4.9	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 15.310 ng
RT: 29.645 min Scan# 4537
Delta R.T. -0.018 min
Lab File: BG054464.D
Acq: 1 Aug 2022 14:36

Tgt Ion:276 Resp: 156423

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.3	25.9
138	7.6	9.6	14.4#