Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054579.D
Acq On : 9 Aug 2022 21:32
Operator : CG/JU
Sample : N3963-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-214

Quant Time: Aug 10 07:15:47 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	7.973	152	19556	20.000	ng		0.00
21) Naphthalene-d8	10.782	136	74862	20.000	ng	#	0.00
39) Acenaphthene-d10	14.613	164	56016	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	133866	20.000	ng	#	0.00
76) Chrysene-d12	21.628	240	148965	20.000	ng	#	0.00
86) Perylene-d12	24.830	264	147234	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	113063	120.711	ng		0.00
7) Phenol-d6	7.180	99	148221	115.488	ng		0.00
23) Nitrobenzene-d5	9.142	82	99621	72.468	ng		0.00
42) 2,4,6-Tribromophenol	16.111	330	120176	102.179	ng		0.00
45) 2-Fluorobiphenyl	13.232	172	281019	70.771	ng		0.00
79) Terphenyl-d14	19.971	244	511233	68.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	1125	3.019	ng	#	1
9) Benzaldehyde	7.174	77	148	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.142	70	14303	16.689	ng	#	83
51) 2,6-Dinitrotoluene	14.613	165	7918	8.251	ng	#	16
57) 2,4-Dinitrotoluene	14.613	165	7918	5.755	ng	#	21
67) 4-Bromophenyl-phenylether	16.111	248	6996	3.721	ng	#	1
71) Phenanthrene	17.403	178	22809	3.421	ng		98
72) Anthracene	17.403	178	22809	3.487	ng		96
75) Fluoranthene	19.419	202	60163	6.620	ng		94
77) Benzidine	19.965	184	7028	2.605	ng	#	93
78) Pyrene	19.777	202	65185	7.626	ng		98
81) Benzo(a)anthracene	21.675	228	39775	4.206	ng		94
83) Chrysene	21.675	228	39775	4.452	ng		96
87) Indeno(1,2,3-cd)pyrene	28.526	276	26938	2.405	ng	#	56
88) Benzo(b)fluoranthene	23.819	252	80877	9.288	ng		98
89) Benzo(k)fluoranthene	23.819	252	80877	9.333	ng		99
90) Benzo(a)pyrene	24.683	252	41815	5.623	ng		98
92) Benzo(g,h,i)perylene	29.677	276	25742	2.832	ng	#	86

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

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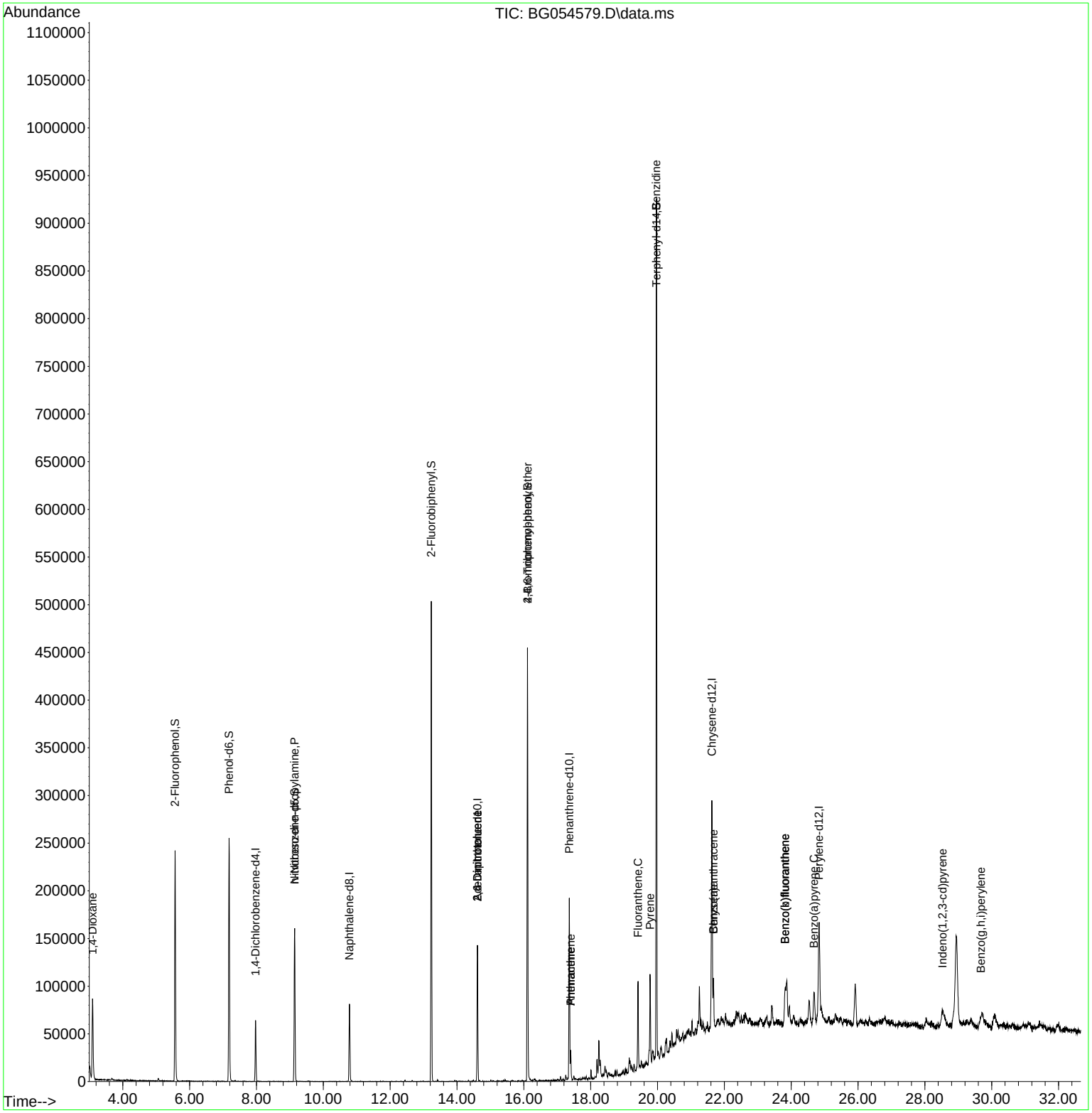
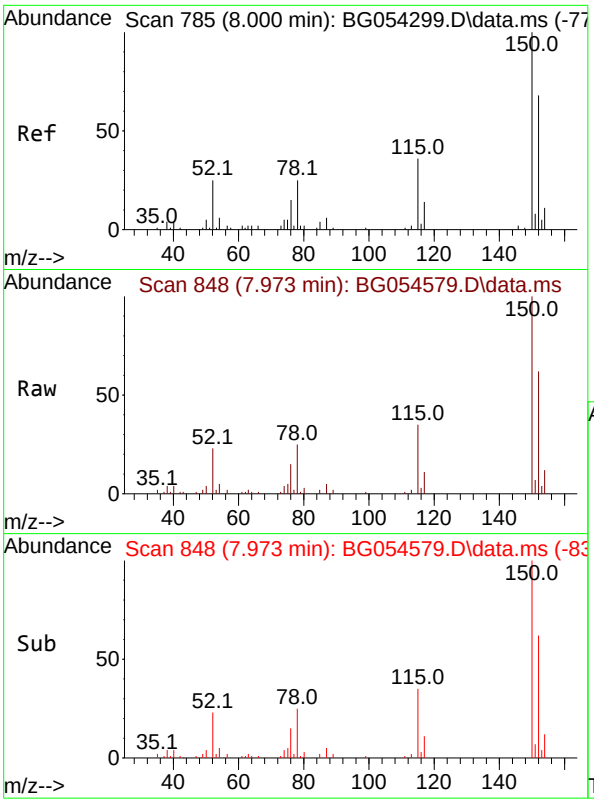


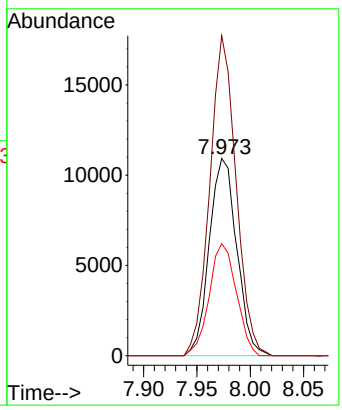


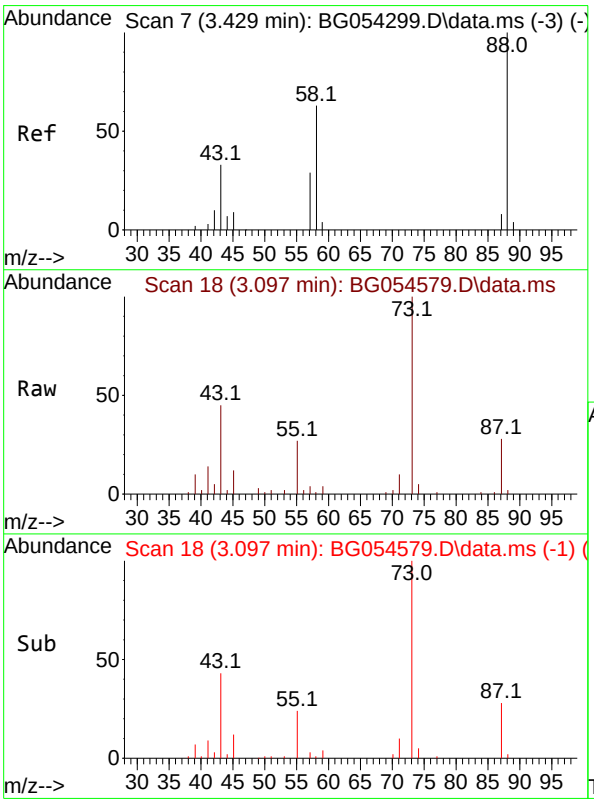
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:152 Resp: 19556

Ion	Ratio	Lower	Upper
152	100		
150	162.3	131.6	197.4
115	56.8	50.9	76.3

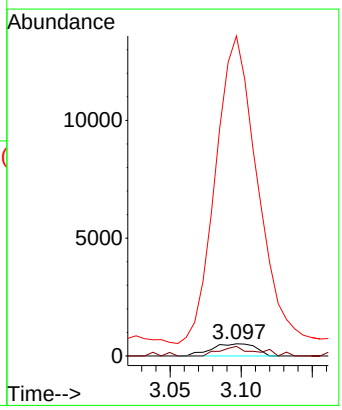


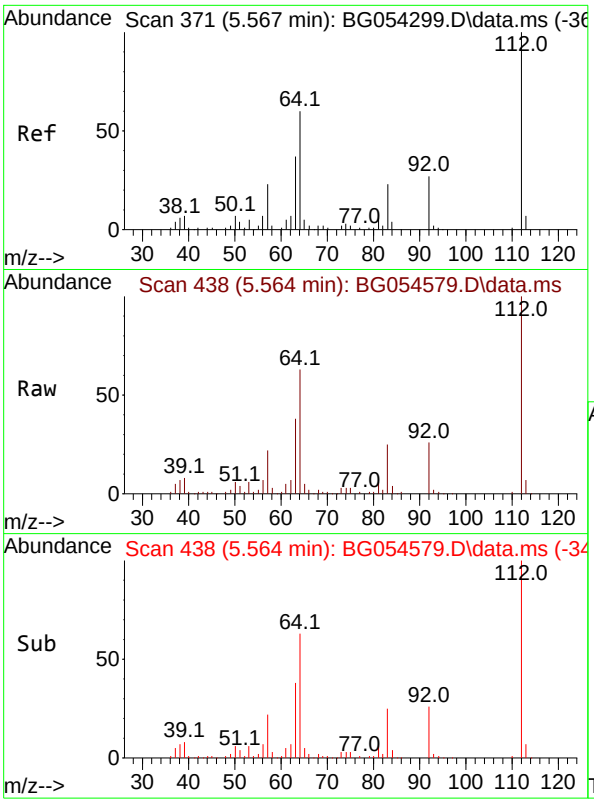


#2
1,4-Dioxane
Concen: 3.019 ng
RT: 3.097 min Scan# 18
Delta R.T. -0.299 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion: 88 Resp: 1125

Ion	Ratio	Lower	Upper
88	100		
58	66.2	59.2	88.8
43	2455.1	24.3	36.5#



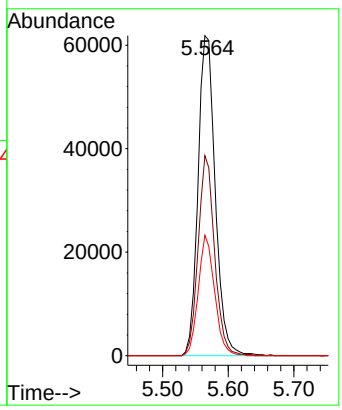


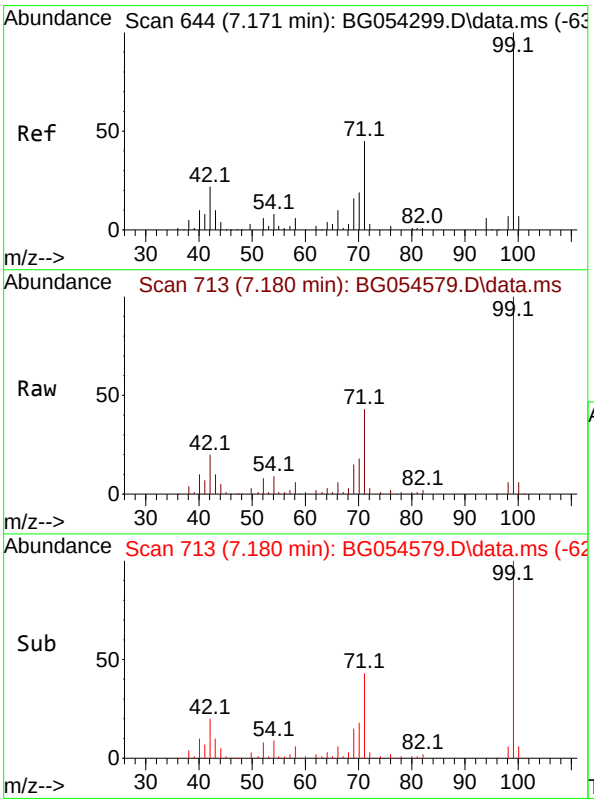
#5
2-Fluorophenol
Concen: 120.711 ng
RT: 5.564 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:112 Resp: 113063

Ion	Ratio	Lower	Upper
112	100		
64	62.5	55.1	82.7
63	37.6	30.4	45.6

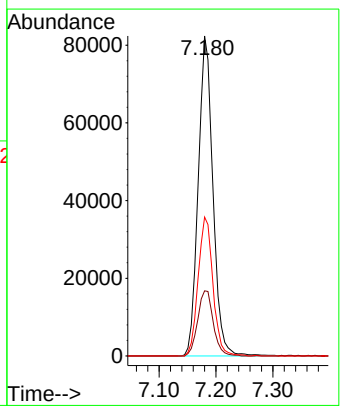


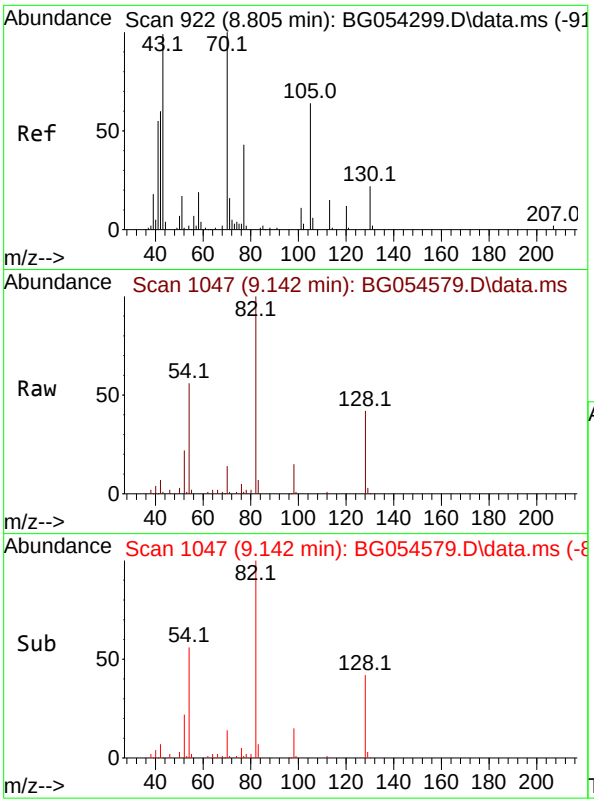


#7
Phenol-d6
Concen: 115.488 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion: 99 Resp: 148221

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.6
71	43.4	33.8	50.8



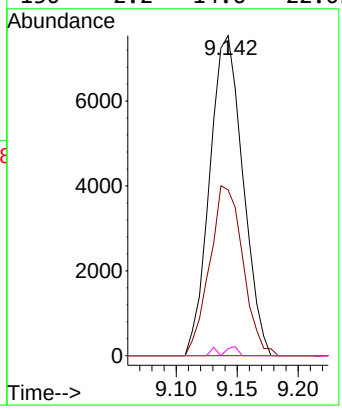


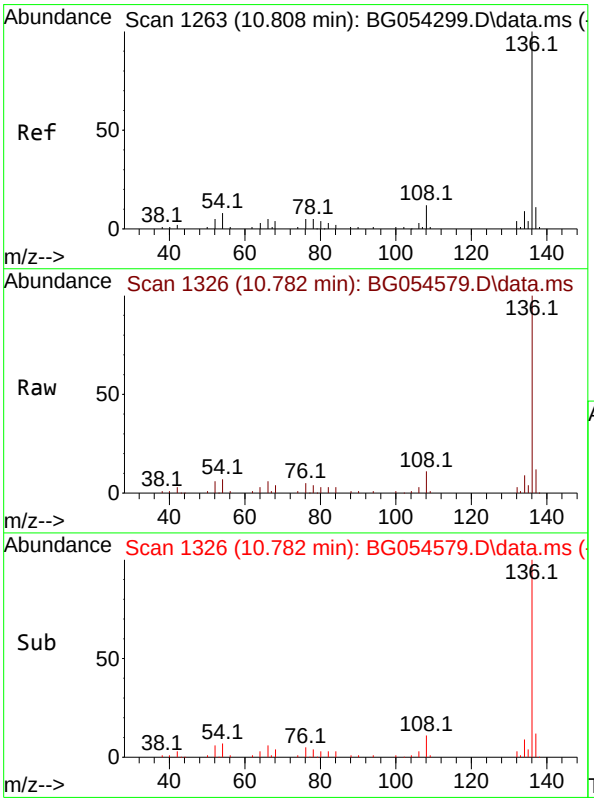
#19
n-Nitroso-di-n-propylamine
Concen: 16.689 ng
RT: 9.142 min Scan# 1
Delta R.T. 0.359 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion: 70 Resp: 14303

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.3	70.9
101	0.0	7.0	10.4#
130	2.2	14.6	22.0#

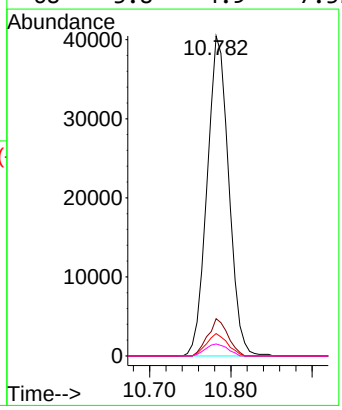


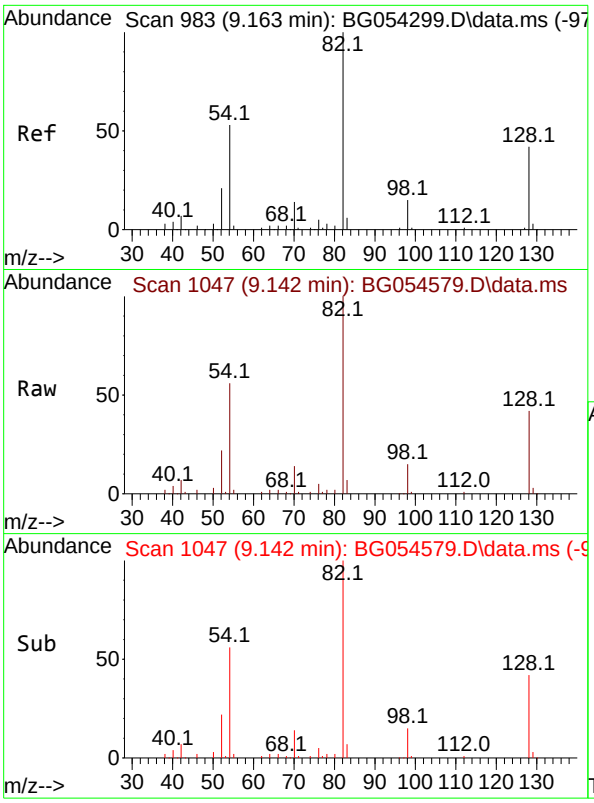


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.782 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:136 Resp: 74862

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	7.0	7.4	11.2#
68	3.8	4.9	7.3#



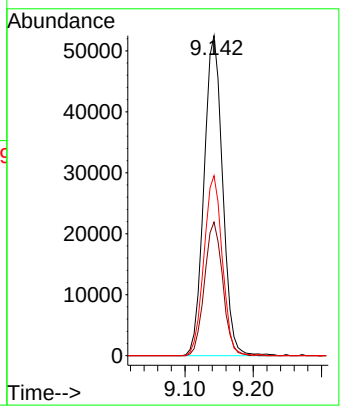


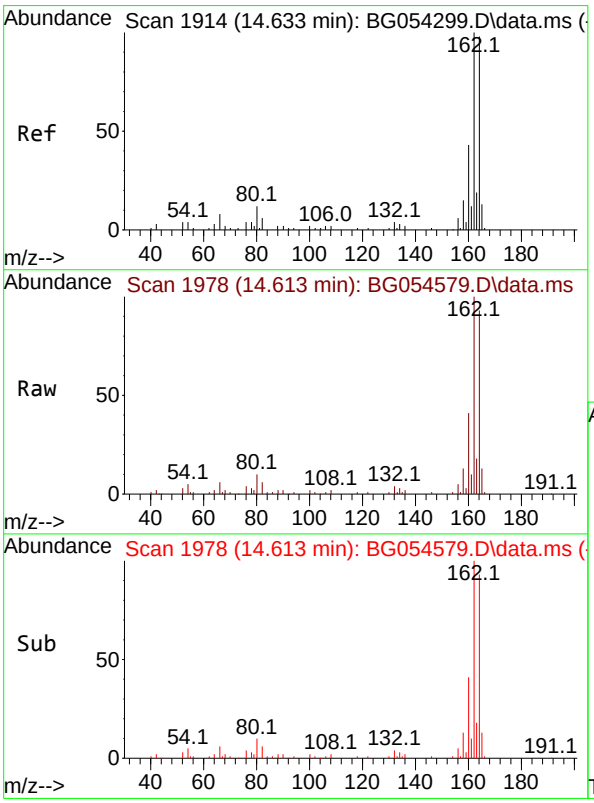
#23
Nitrobenzene-d5
Concen: 72.468 ng
RT: 9.142 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion: 82 Resp: 99621

Ion	Ratio	Lower	Upper
82	100		
128	41.7	27.9	41.9
54	56.2	41.2	61.8

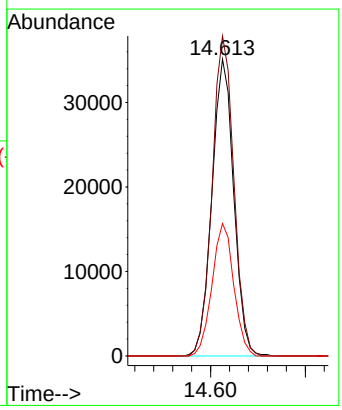


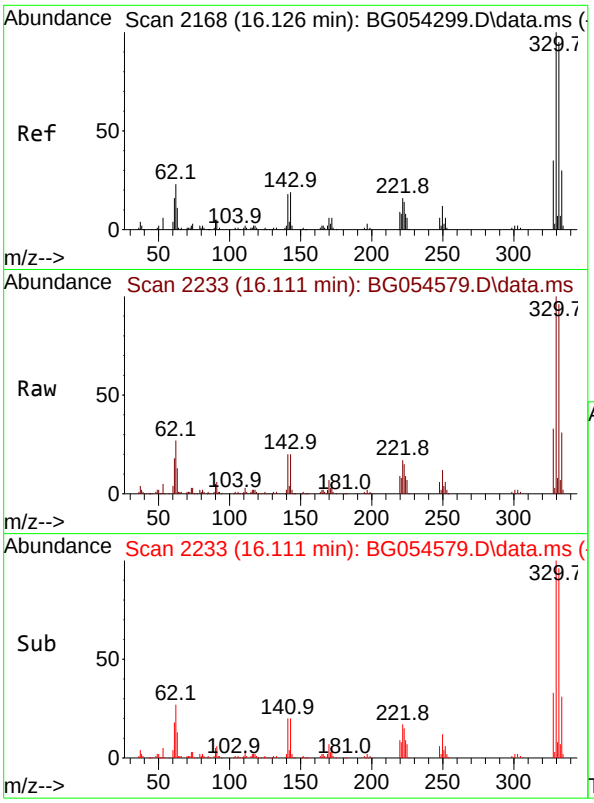


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:164 Resp: 56016

Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.3	123.5
160	44.6	34.2	51.2



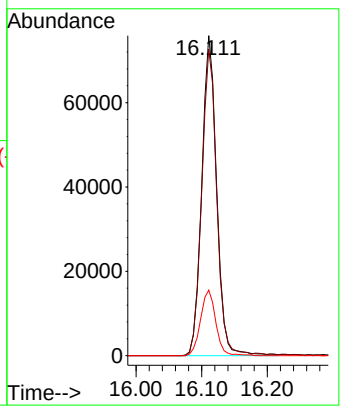


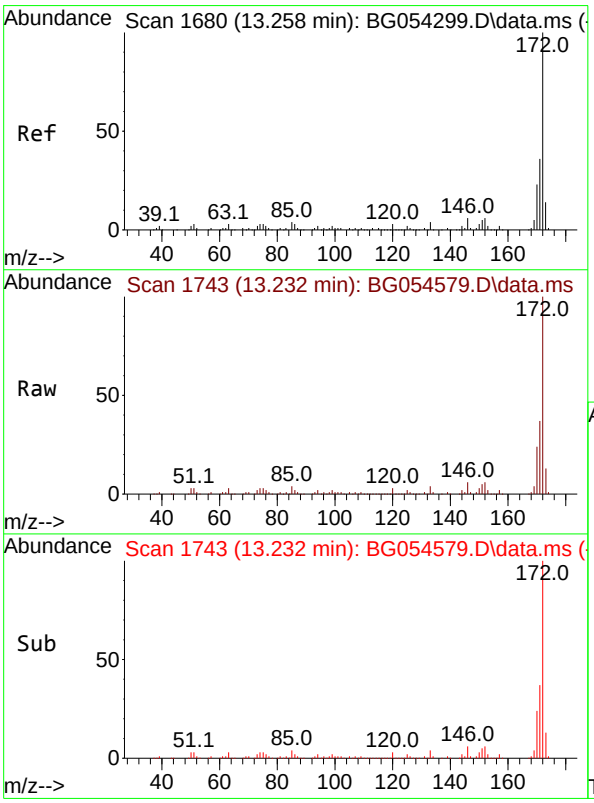
#42
2,4,6-Tribromophenol
Concen: 102.179 ng
RT: 16.111 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:330 Resp: 120176

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	20.9	27.1	40.7#

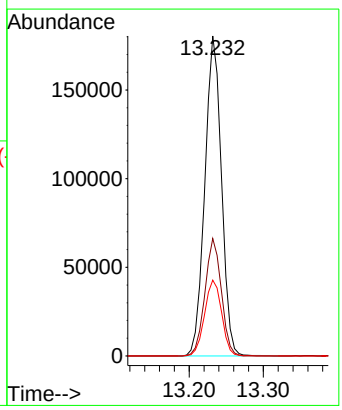


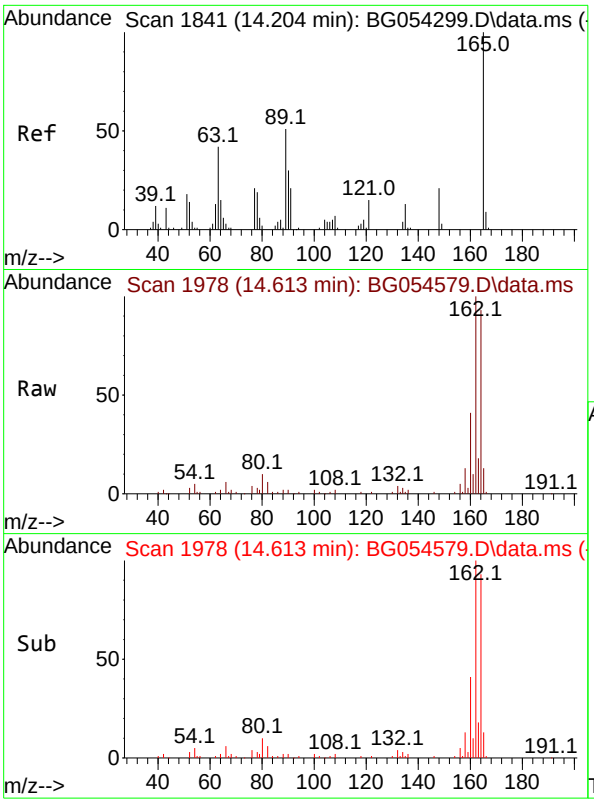


#45
2-Fluorobiphenyl
Concen: 70.771 ng
RT: 13.232 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:172 Resp: 281019

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	23.7	18.9	28.3



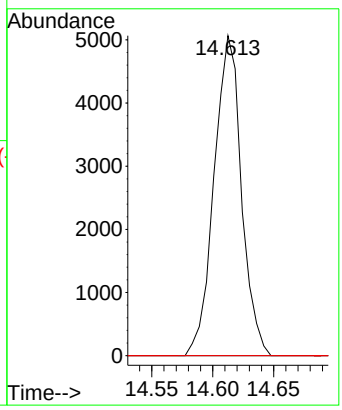


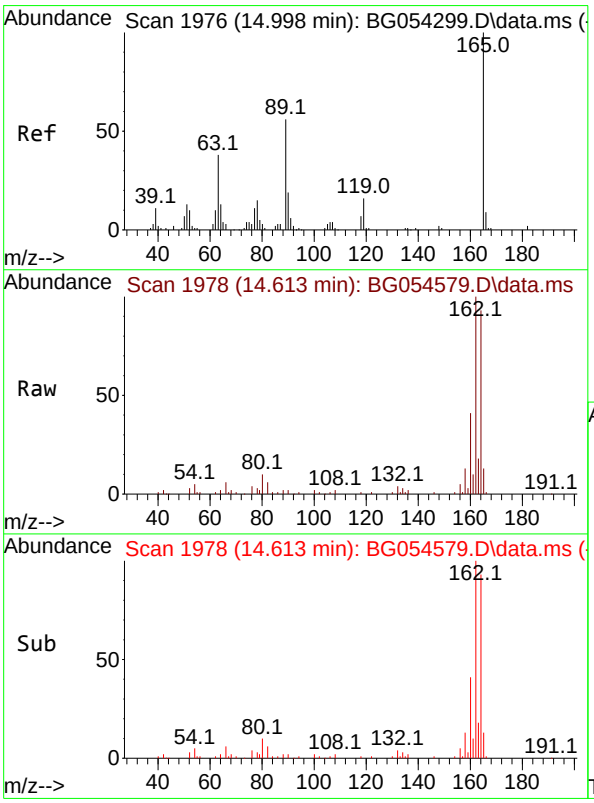
#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 14.613 min Scan# 1
Delta R.T. 0.418 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:165 Resp: 7918

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

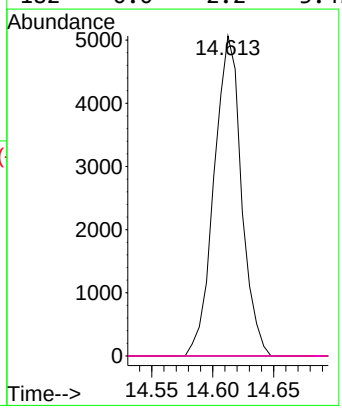


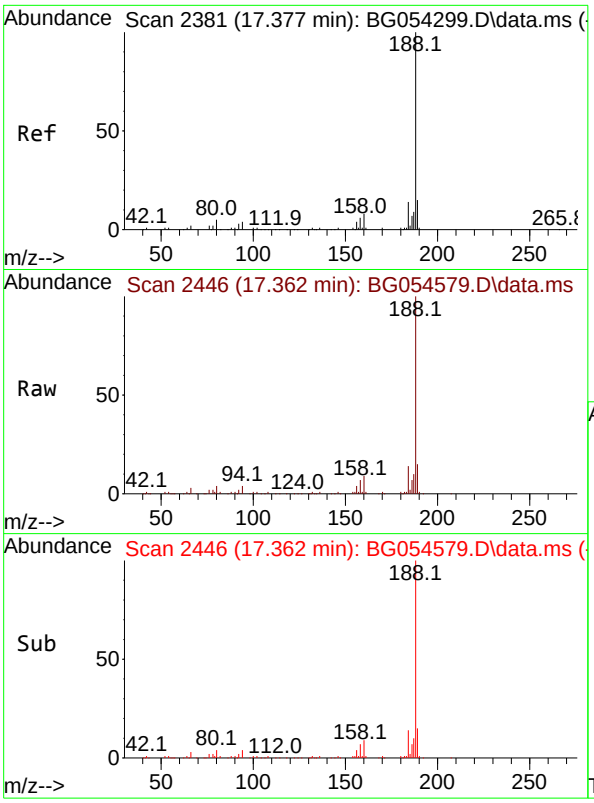


#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 14.613 min Scan# 1978
Delta R.T. -0.381 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:165 Resp: 7918

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#



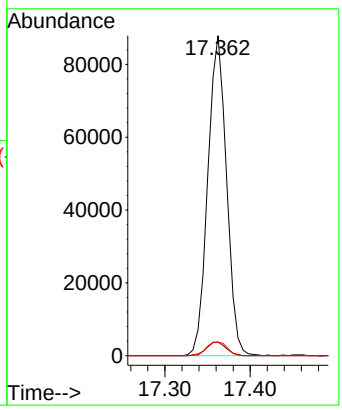


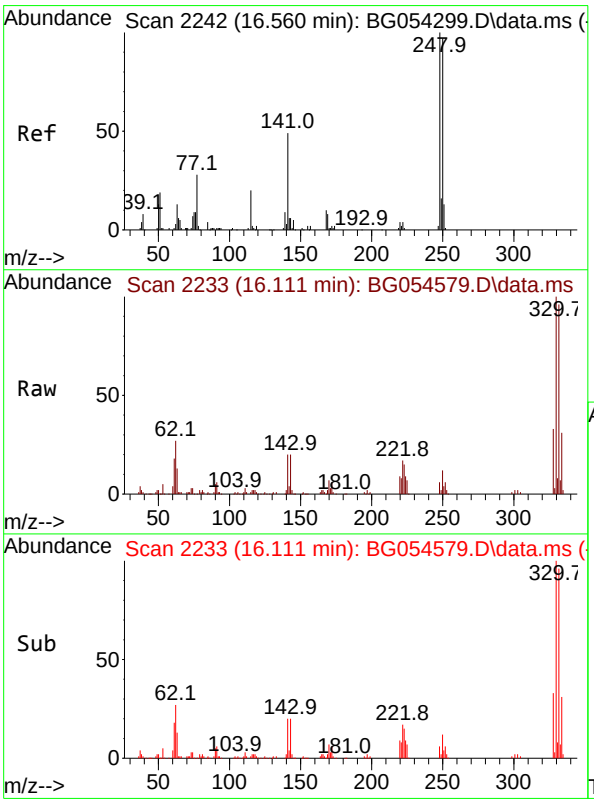
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:188 Resp: 133866

Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	4.3	6.8	10.2#

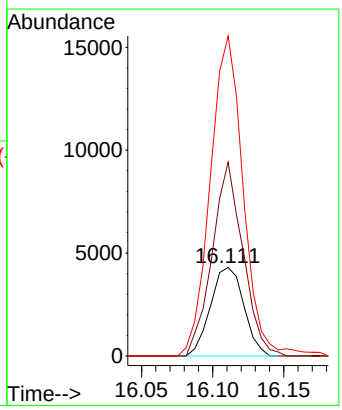


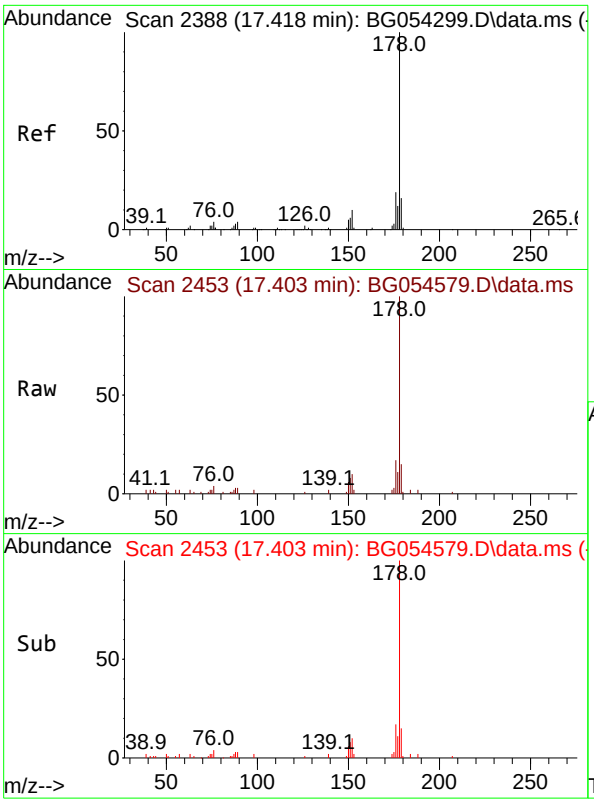


#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 16.111 min Scan# 2233
Delta R.T. -0.434 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:248 Resp: 6996

Ion	Ratio	Lower	Upper
248	100		
250	282.1	75.2	112.8#
141	361.9	50.0	75.0#



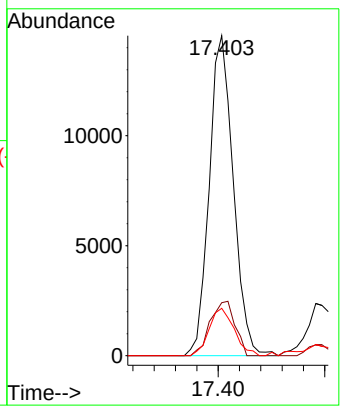


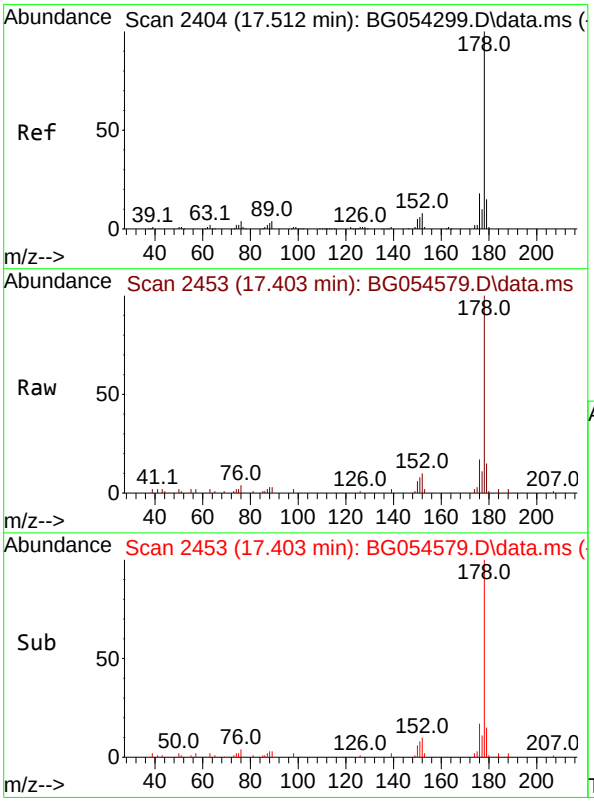
#71
Phenanthrene
Concen: 3.421 ng
RT: 17.403 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:178 Resp: 22809

Ion	Ratio	Lower	Upper
178	100		
176	16.6	14.1	21.1
179	14.8	12.1	18.1

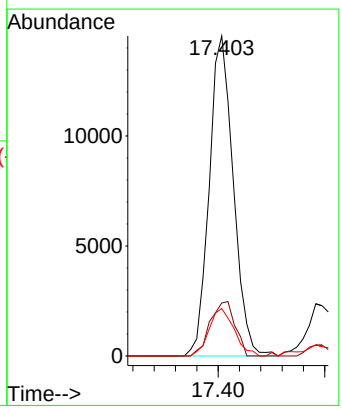


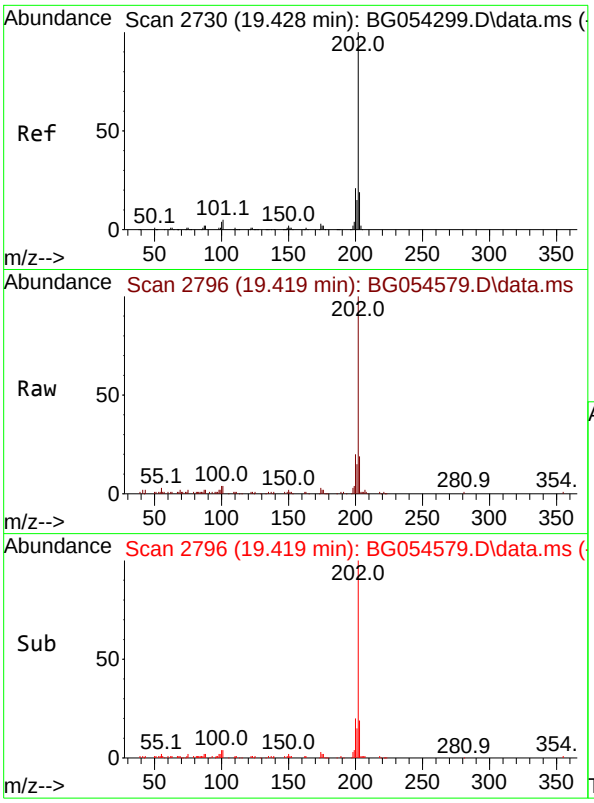


#72
Anthracene
Concen: 3.487 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.093 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:178 Resp: 22809

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.2	22.8
179	14.8	13.0	19.4



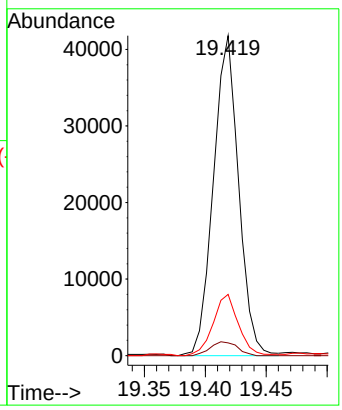


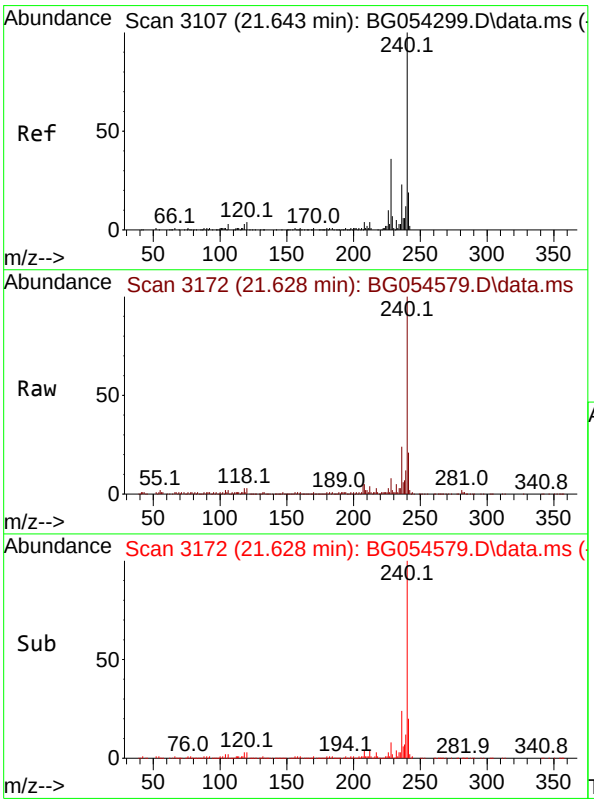
#75
Fluoranthene
Concen: 6.620 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:202 Resp: 60163

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	26.9
203	19.2	0.0	37.2

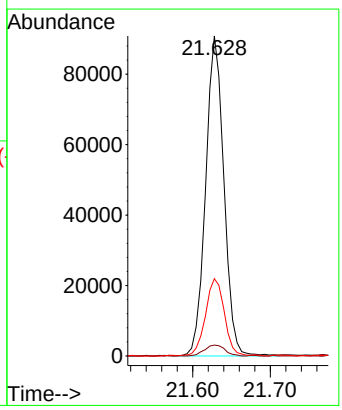


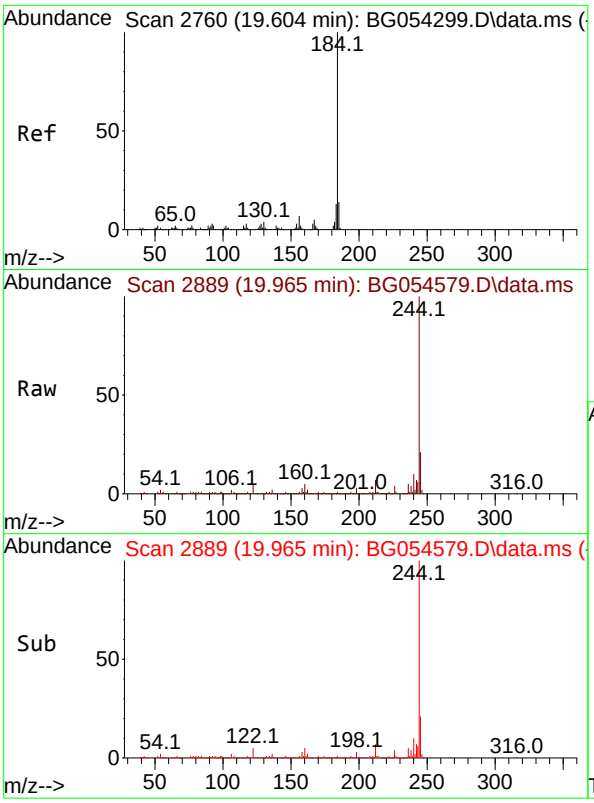


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:240 Resp: 148965

Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.6	7.0#
236	24.2	20.2	30.4



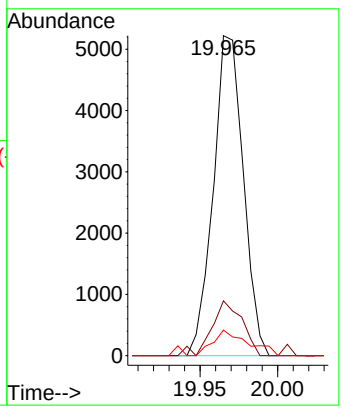


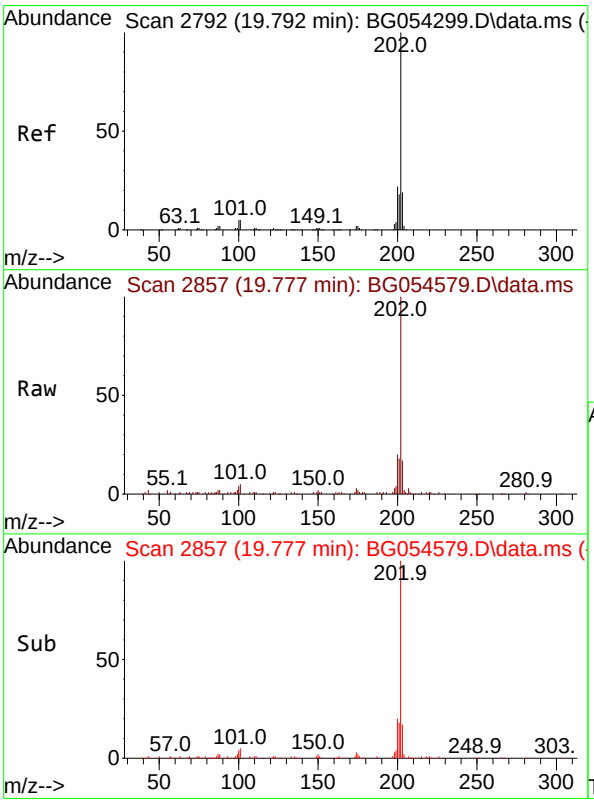
#77
Benzidine
Concen: 2.605 ng
RT: 19.965 min Scan# 2
Delta R.T. 0.371 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:184 Resp: 7028

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.6
183	8.0	8.9	13.3#

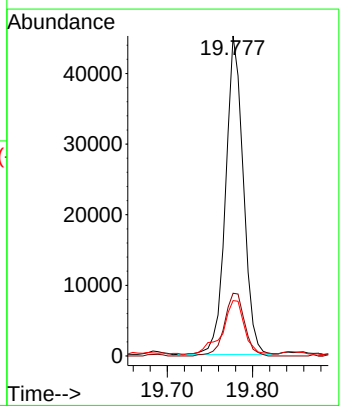


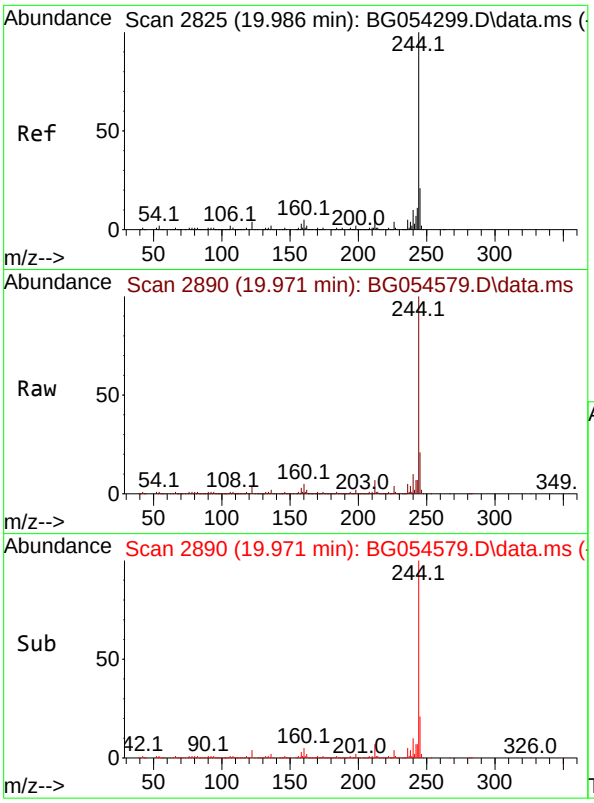


#78
Pyrene
Concen: 7.626 ng
RT: 19.777 min Scan# 2857
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:202 Resp: 65185

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	24.8
203	17.3	14.6	21.8



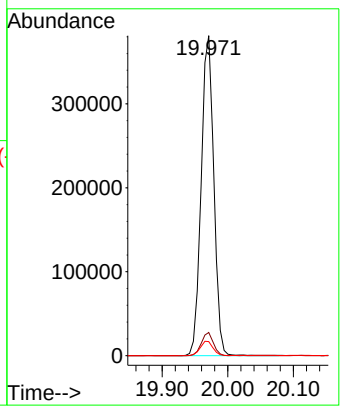


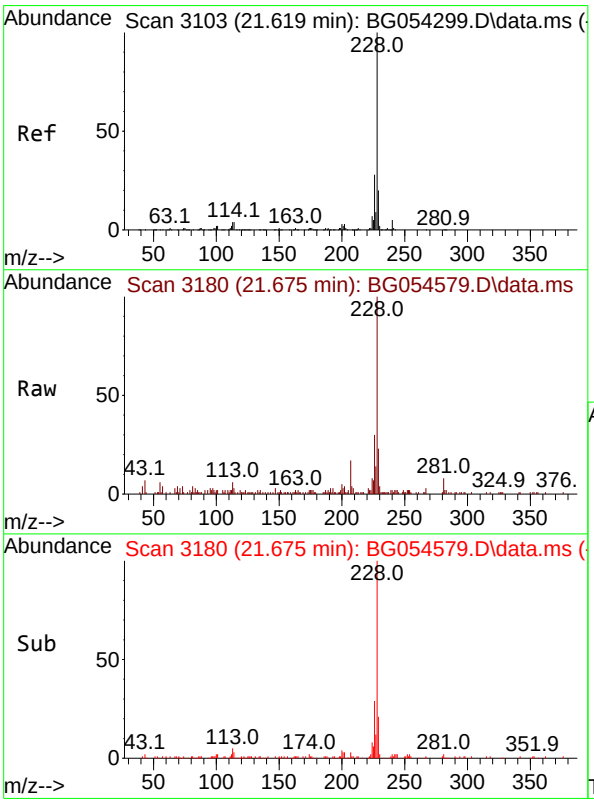
#79
Terphenyl-d14
Concen: 68.082 ng
RT: 19.971 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:244 Resp: 511233

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

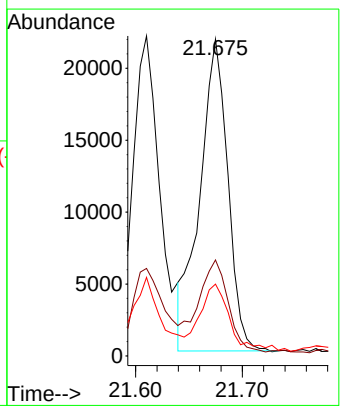


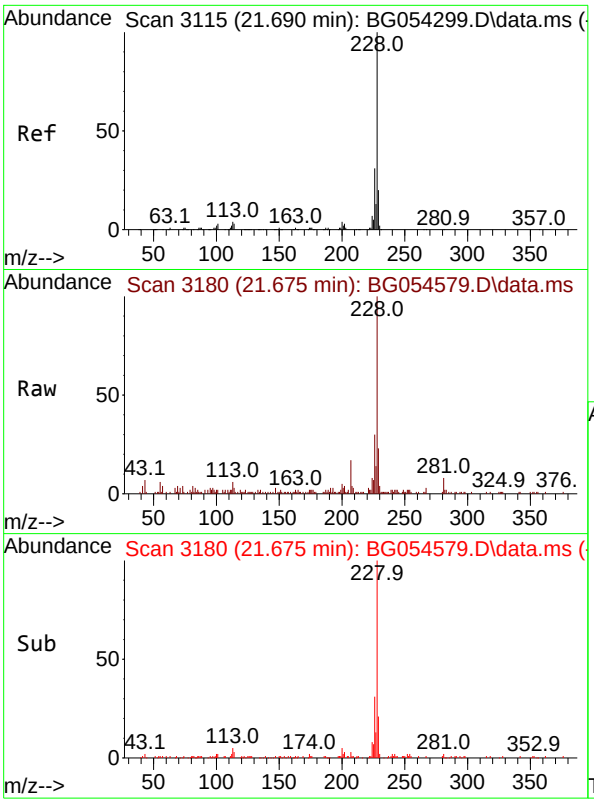


#81
Benzo(a)anthracene
Concen: 4.206 ng
RT: 21.675 min Scan# 3180
Delta R.T. 0.060 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:228 Resp: 39775

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.6	32.4
229	22.7	16.2	24.2



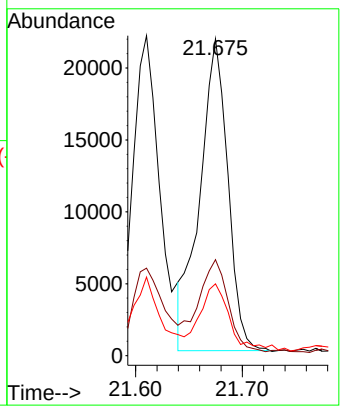


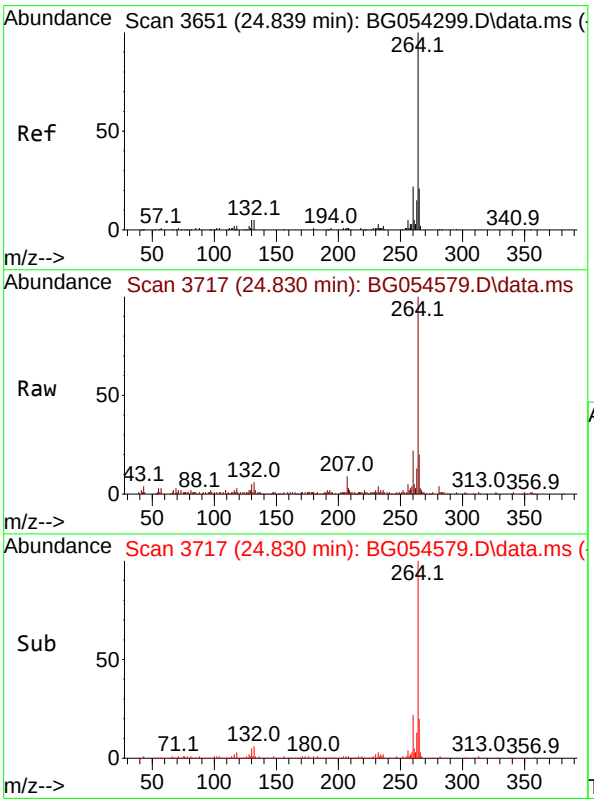
#83
Chrysene
Concen: 4.452 ng
RT: 21.675 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:228 Resp: 39775

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.7	15.5	23.3

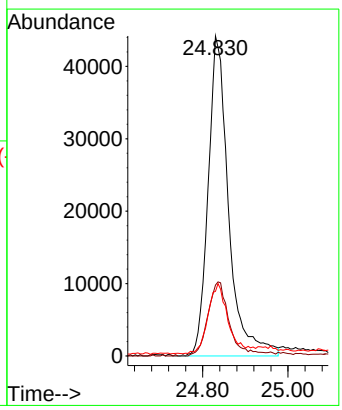


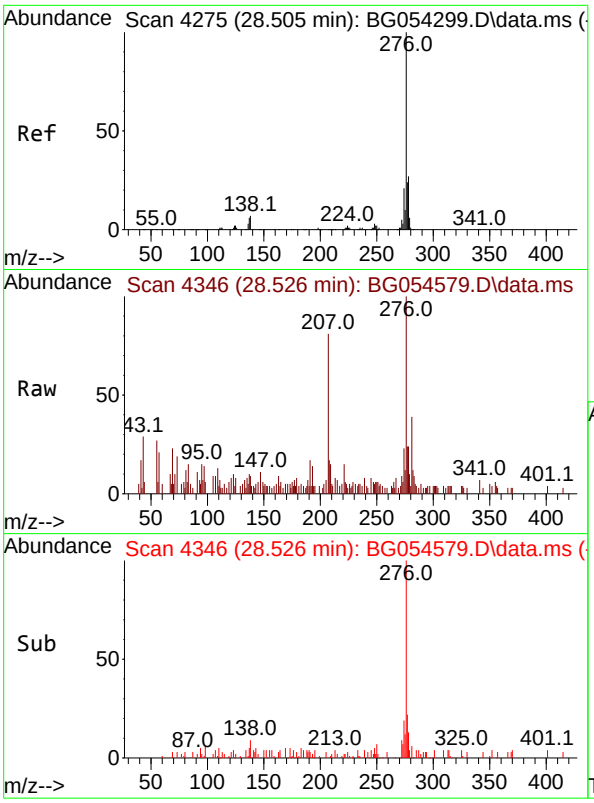


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:264 Resp: 147234

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.6
265	20.2	17.4	26.2



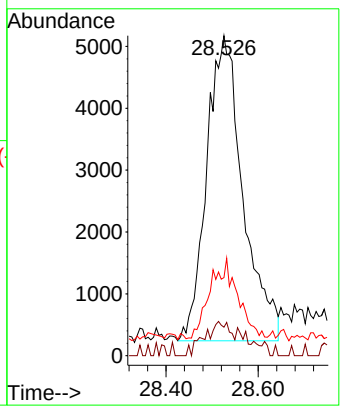


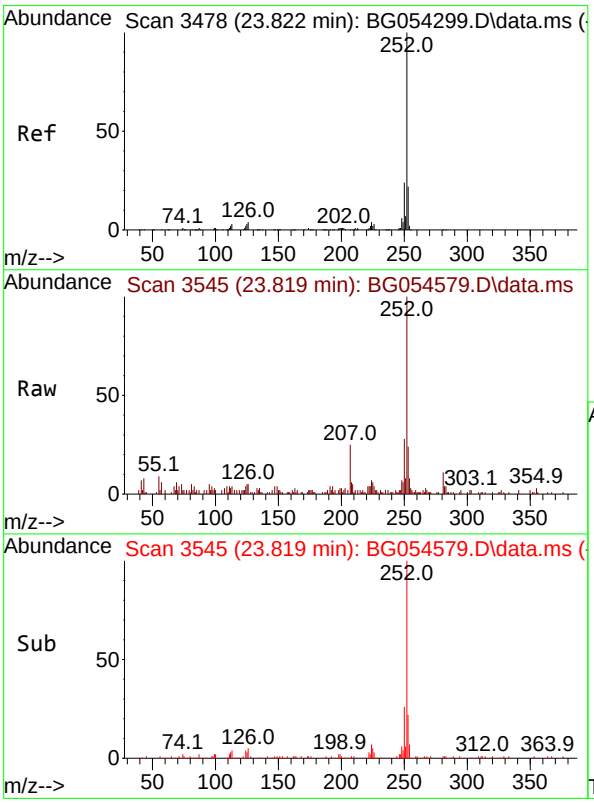
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.405 ng
RT: 28.526 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:276 Resp: 26938

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

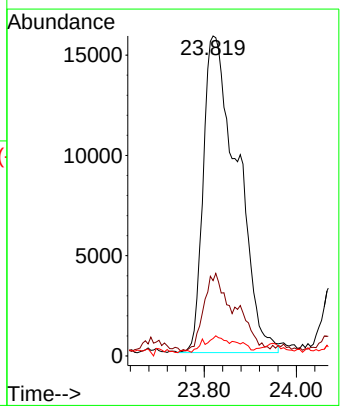


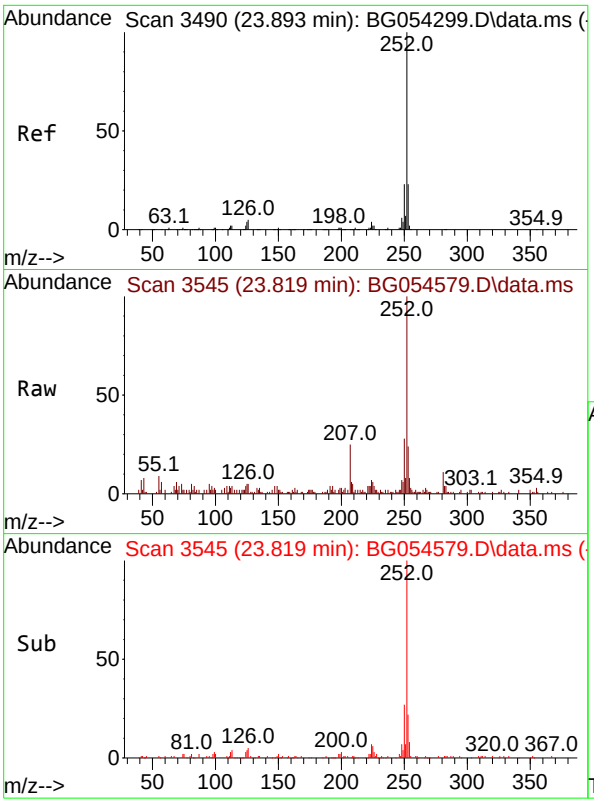


#88
Benzo(b)fluoranthene
Concen: 9.288 ng
RT: 23.819 min Scan# 3545
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:252 Resp: 80877

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	5.5	4.6	6.8



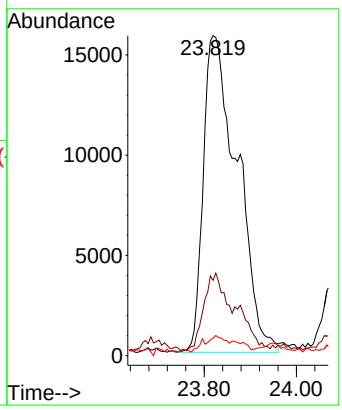


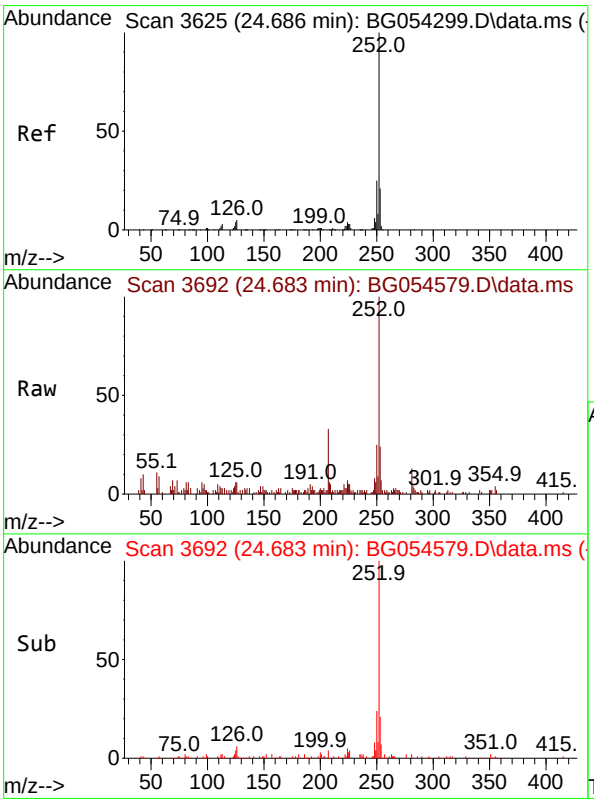
#89
Benzo(k)fluoranthene
Concen: 9.333 ng
RT: 23.819 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:252 Resp: 80877

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	5.5	4.8	7.2

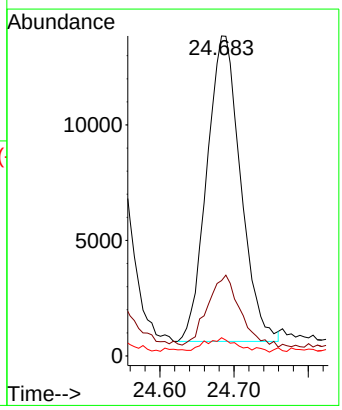


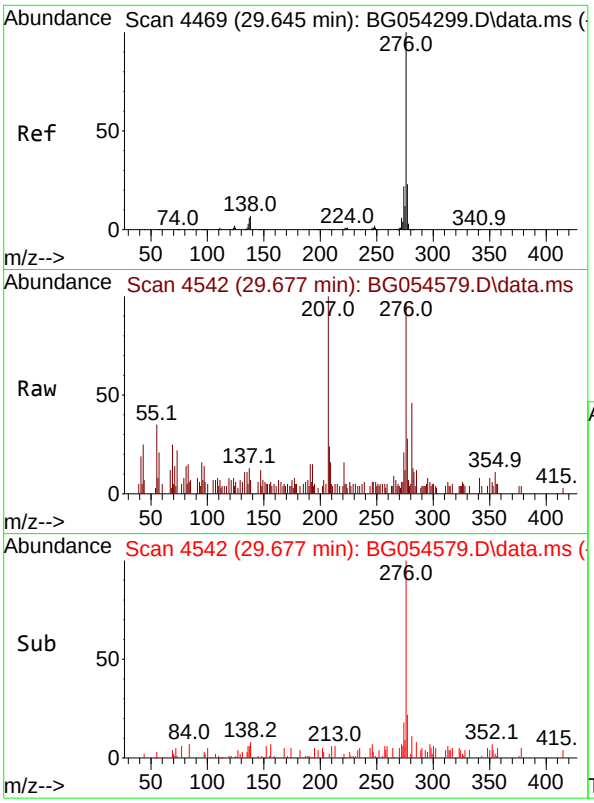


#90
Benzo(a)pyrene
Concen: 5.623 ng
RT: 24.683 min Scan# 3692
Delta R.T. -0.005 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Tgt Ion:252 Resp: 41815

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	5.7	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 2.832 ng
RT: 29.677 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG054579.D
Acq: 9 Aug 2022 21:32

Instrument :
BNA_G
ClientSampleId :
RVE-214

Tgt Ion:276 Resp: 25742

Ion	Ratio	Lower	Upper
276	100		
277	28.9	17.3	25.9#
138	7.1	9.6	14.4#