Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054475.D
Acq On : 1 Aug 2022 22:10
Operator : CG/JU
Sample : N3895-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-53

Quant Time: Aug 02 05:47:13 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	7.986	152	23477	20.000	ng	# 0.00
21) Naphthalene-d8	10.794	136	82367	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	59271	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	139162	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	156068	20.000	ng	# 0.00
86) Perylene-d12	24.848	264	137997	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.577	112	102327	91.003	ng	0.01
7) Phenol-d6	7.187	99	135683	88.062	ng	0.01
23) Nitrobenzene-d5	9.149	82	93488	61.810	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	111461	89.565	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	267622	63.696	ng	0.00
79) Terphenyl-d14	19.977	244	497704	63.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.109	88	938	2.097	ng	# 1
9) Benzaldehyde	7.187	77	68	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.149	70	13328	12.954	ng	# 80
51) 2,6-Dinitrotoluene	14.619	165	8601	8.470	ng	# 16
57) 2,4-Dinitrotoluene	14.619	165	8601	5.908	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	6863	3.511	ng	# 1
71) Phenanthrene	17.410	178	30837	4.450	ng	96
72) Anthracene	17.410	178	30837	4.534	ng	99
75) Fluoranthene	19.425	202	86482	9.154	ng	95
78) Pyrene	19.784	202	147374	16.457	ng	98
81) Benzo(a)anthracene	21.617	228	70605	7.127	ng	93
83) Chrysene	21.681	228	91785	9.806	ng	95
87) Indeno(1,2,3-cd)pyrene	28.532	276	23138	2.204	ng	# 72
88) Benzo(b)fluoranthene	23.826	252	113712	13.934	ng	97
89) Benzo(k)fluoranthene	23.826	252	113999	14.036	ng	98
90) Benzo(a)pyrene	24.695	252	56593	8.120	ng	# 91
92) Benzo(g,h,i)perylene	29.684	276	26019	3.054	ng	# 84

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

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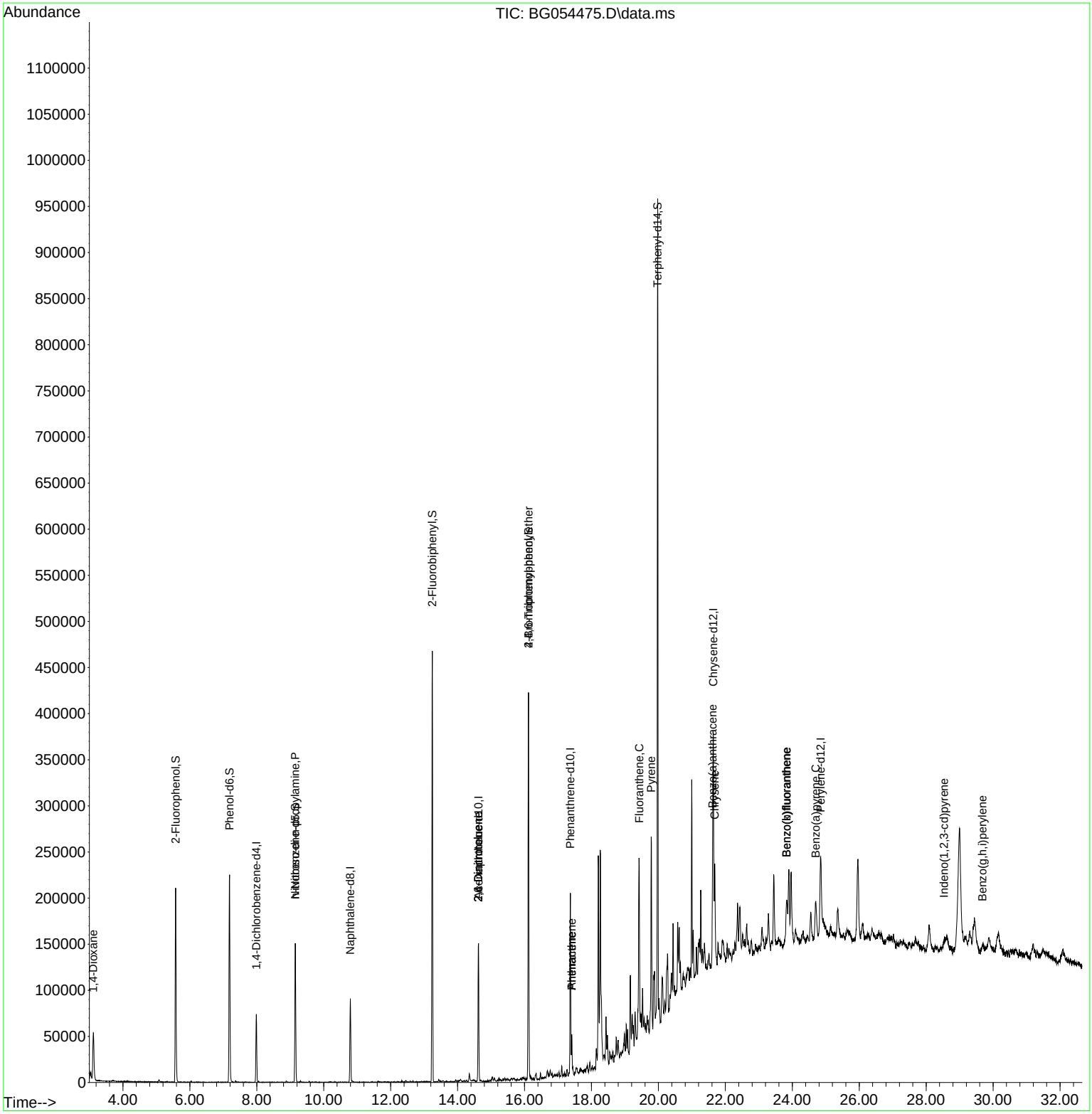
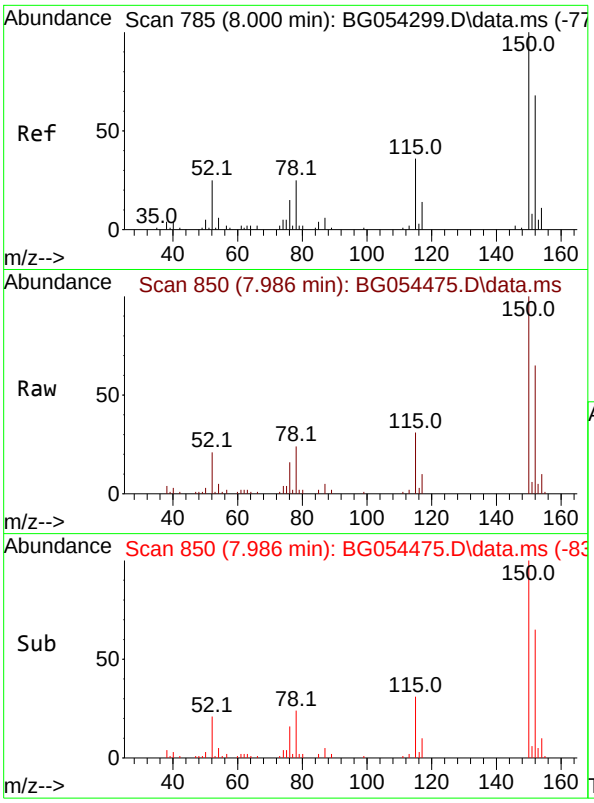


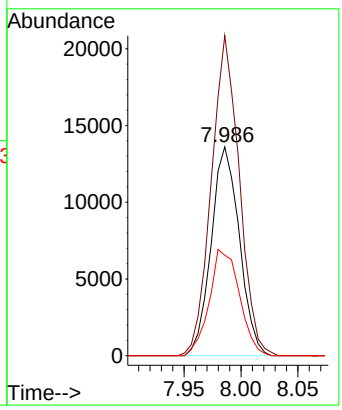


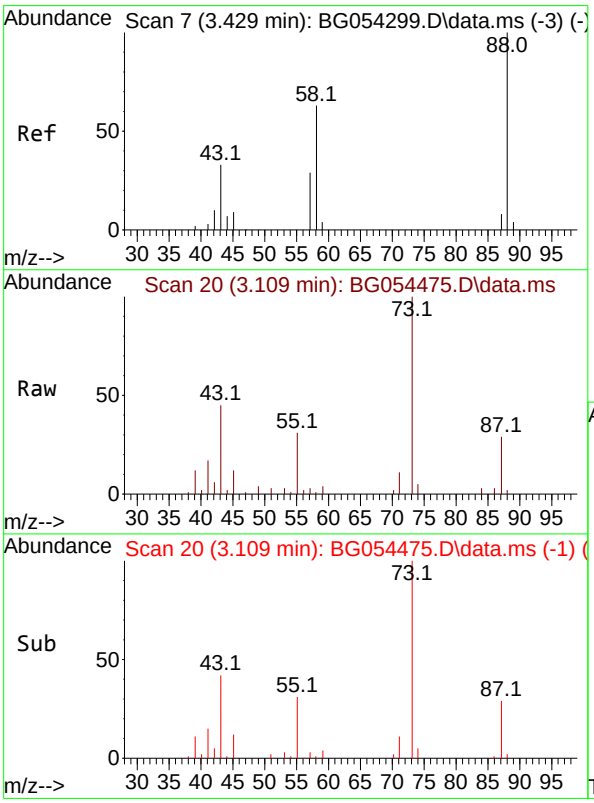
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:152 Resp: 23477

Ion	Ratio	Lower	Upper
152	100		
150	153.2	131.6	197.4
115	48.1	50.9	76.3#

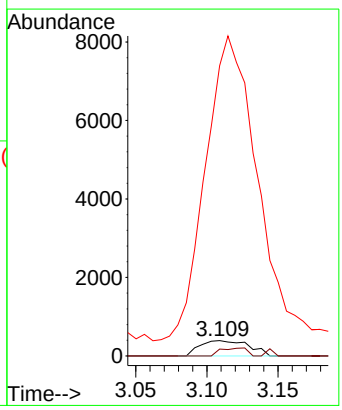


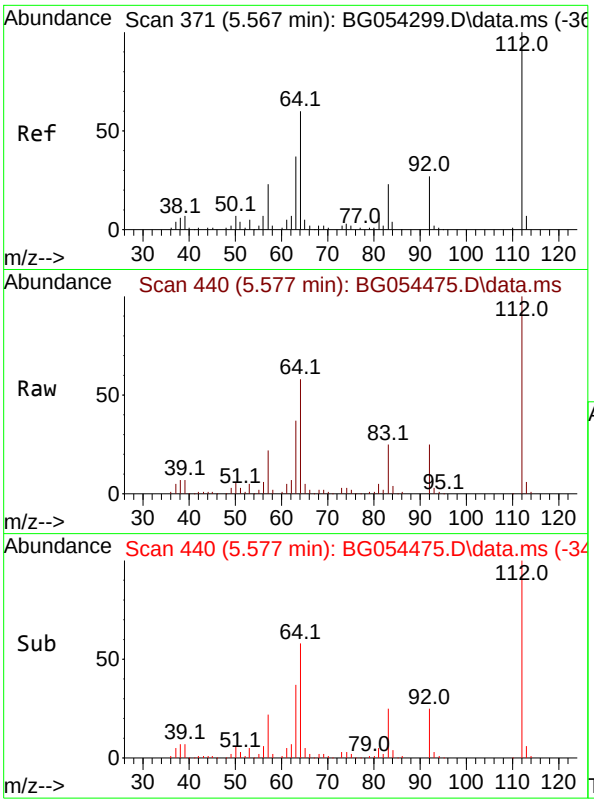


#2
1,4-Dioxane
Concen: 2.097 ng
RT: 3.109 min Scan# 20
Delta R.T. -0.308 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion: 88 Resp: 938

Ion	Ratio	Lower	Upper
88	100		
58	27.5	59.2	88.8#
43	2153.5	24.3	36.5#



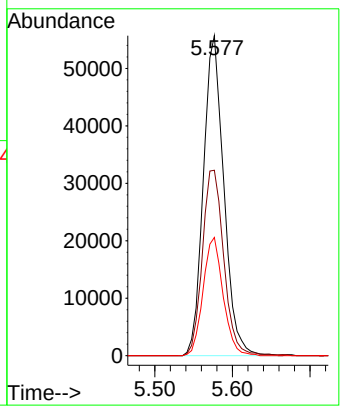


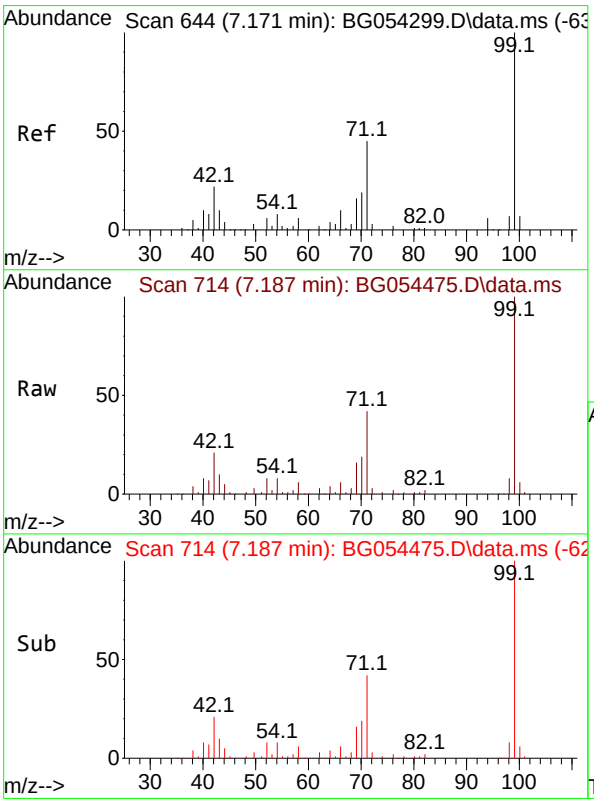
#5
2-Fluorophenol
Concen: 91.003 ng
RT: 5.577 min Scan# 44
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:112 Resp: 102327

Ion	Ratio	Lower	Upper
112	100		
64	58.0	55.1	82.7
63	36.9	30.4	45.6

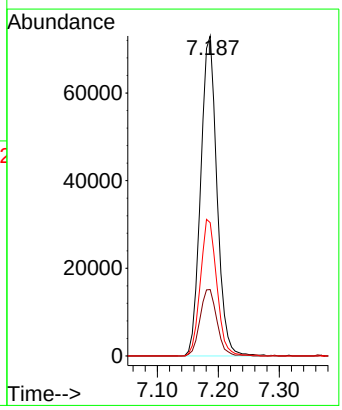


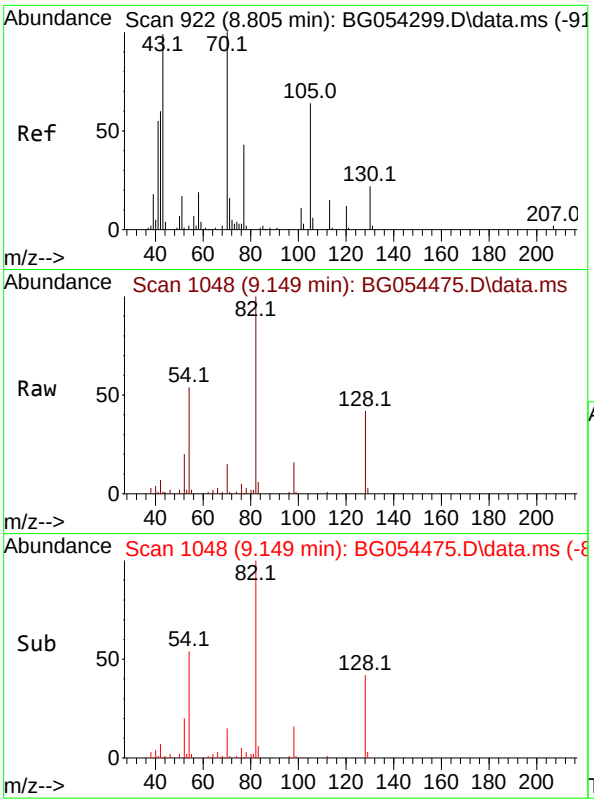


#7
Phenol-d6
Concen: 88.062 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion: 99 Resp: 135683

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	41.7	33.8	50.8



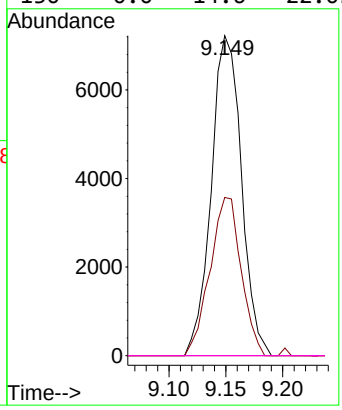


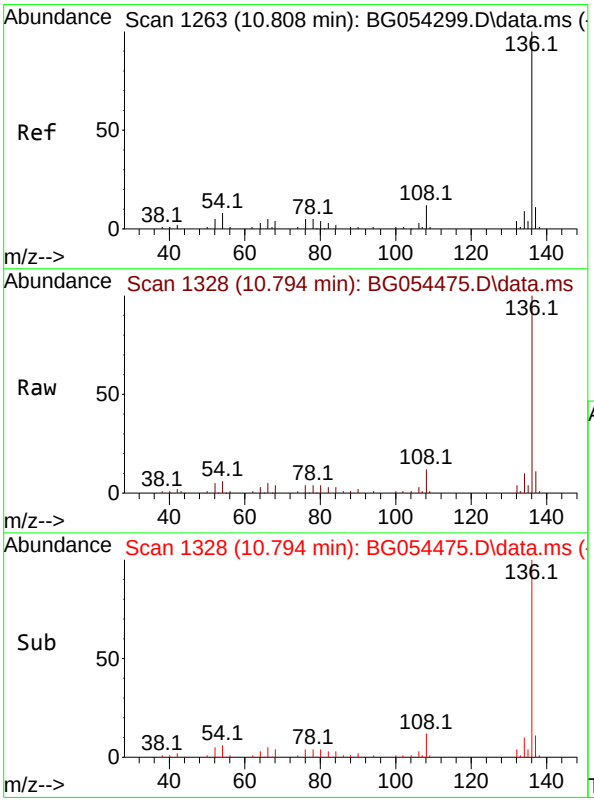
#19
n-Nitroso-di-n-propylamine
Concen: 12.954 ng
RT: 9.149 min Scan# 1
Delta R.T. 0.356 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion: 70 Resp: 13328

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

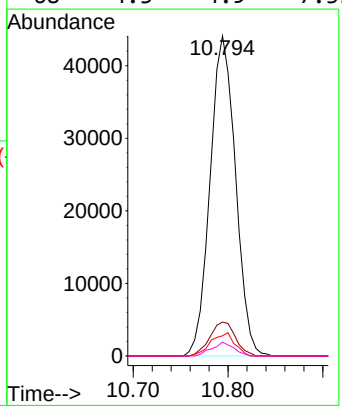


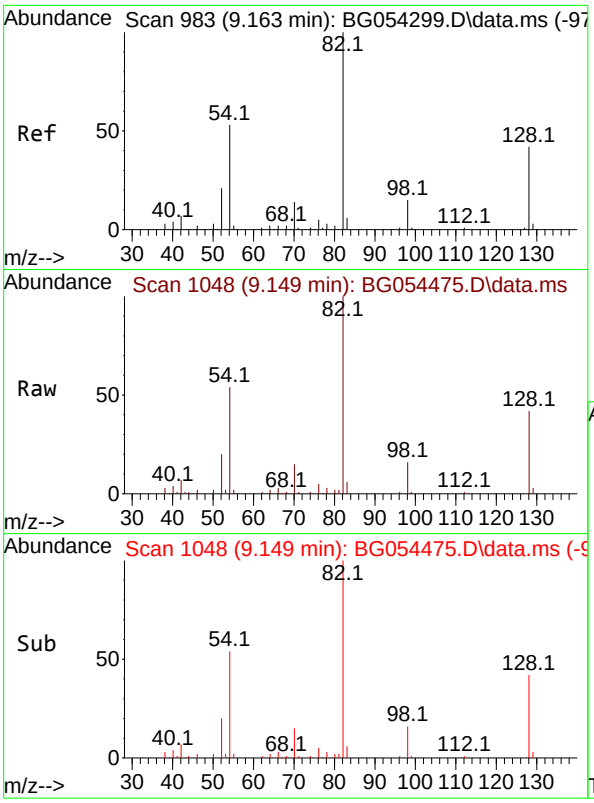


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:136 Resp: 82367

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.3	7.4	11.2#
68	4.3	4.9	7.3#



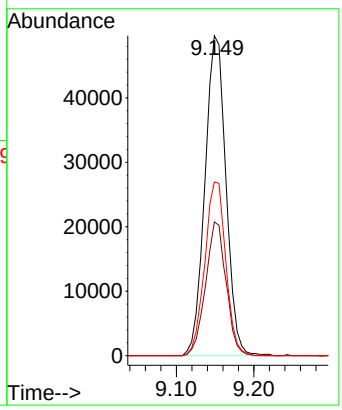


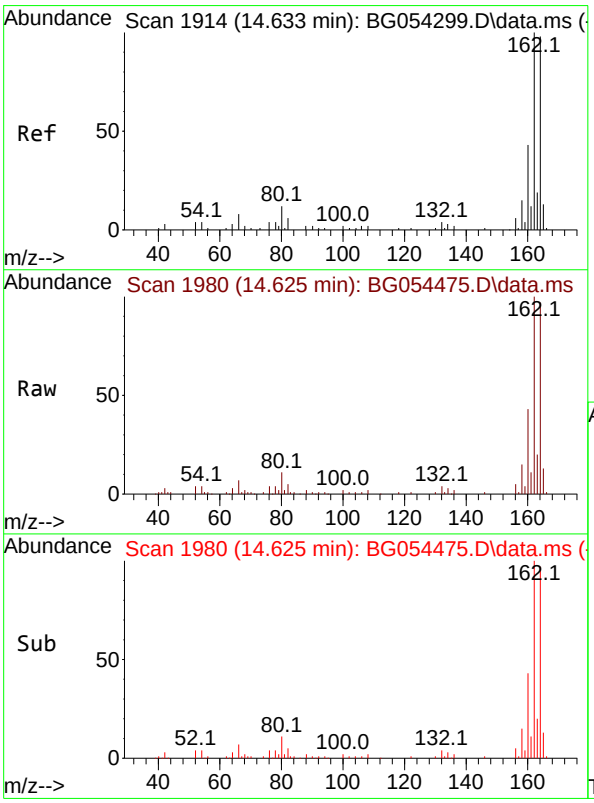
#23
Nitrobenzene-d5
Concen: 61.810 ng
RT: 9.149 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion: 82 Resp: 93488

Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	54.3	41.2	61.8

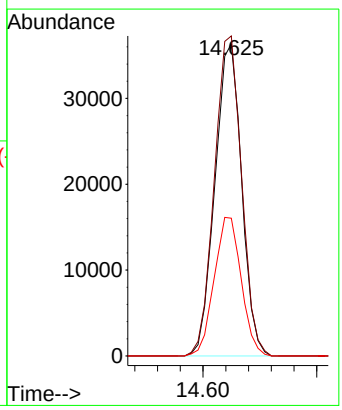


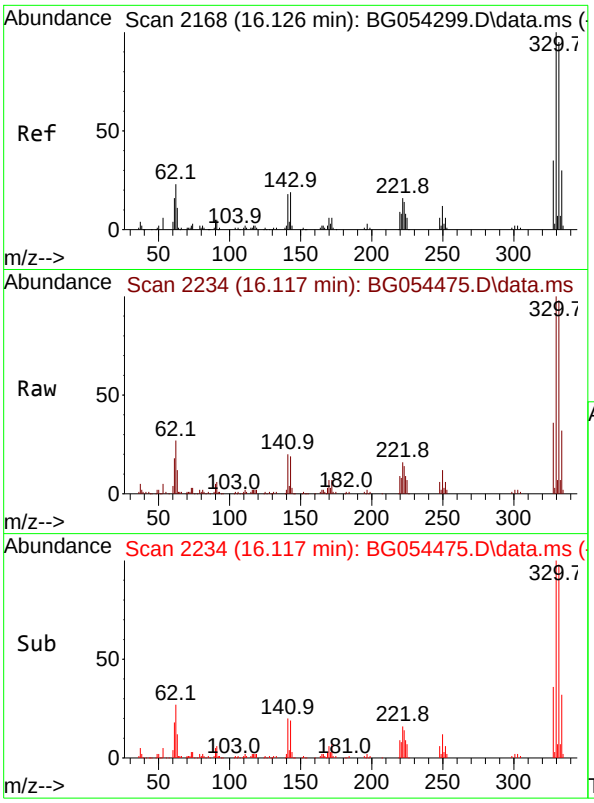


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:164 Resp: 59271

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.3	123.5
160	44.2	34.2	51.2



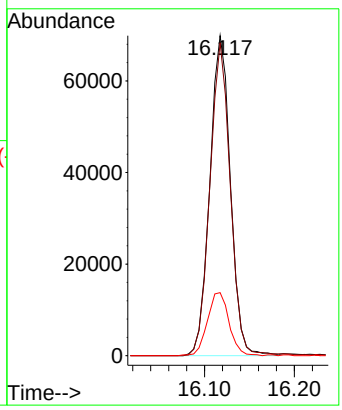


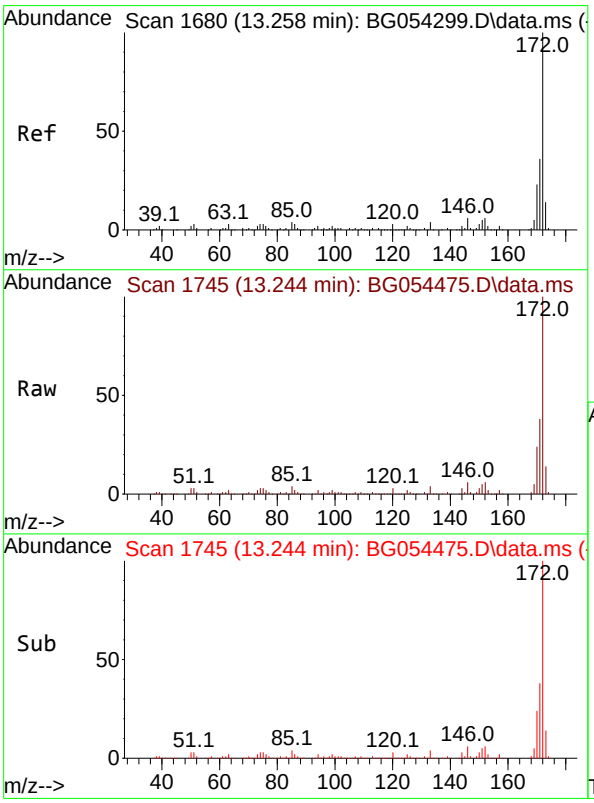
#42
2,4,6-Tribromophenol
Concen: 89.565 ng
RT: 16.117 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:330 Resp: 111461

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	20.7	27.1	40.7#

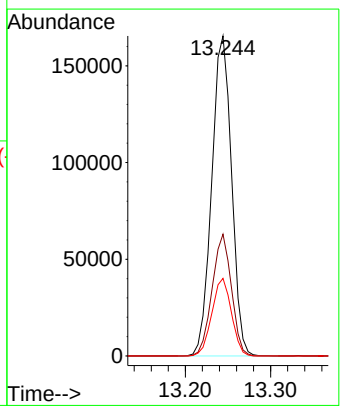


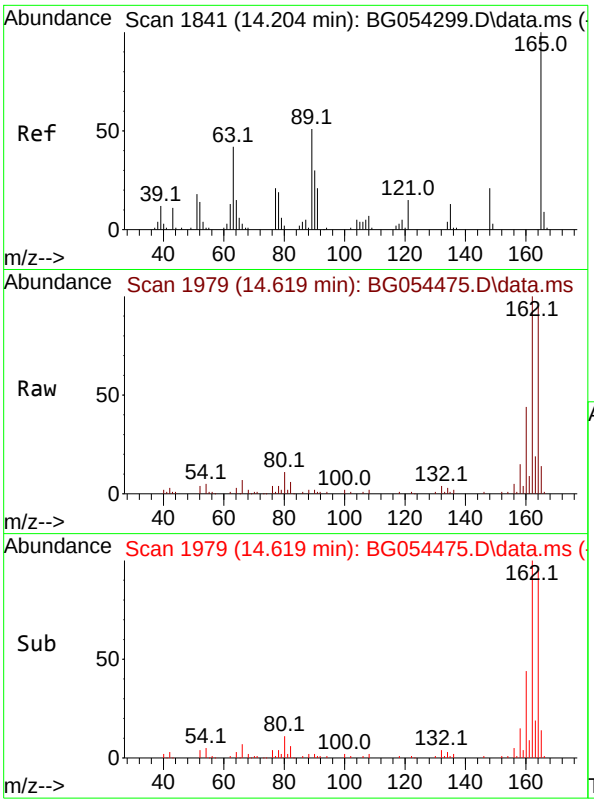


#45
2-Fluorobiphenyl
Concen: 63.696 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:172 Resp: 267622

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.5	42.7
170	24.3	18.9	28.3



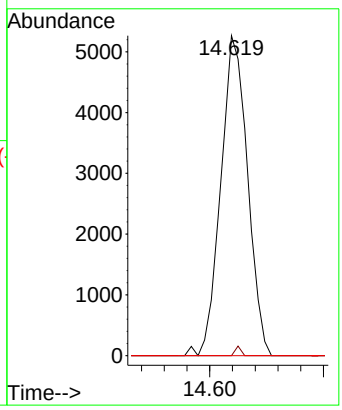


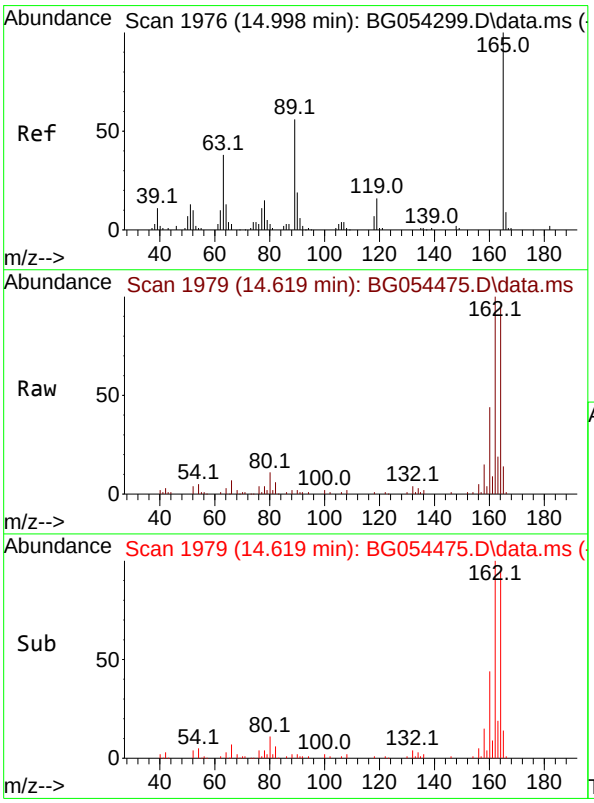
#51
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 14.619 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:165 Resp: 8601

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

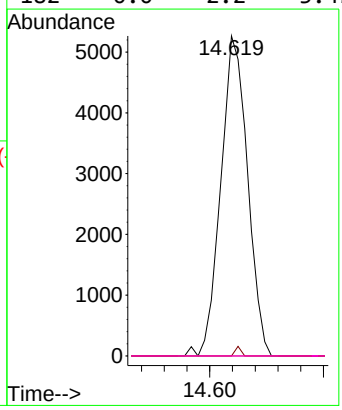


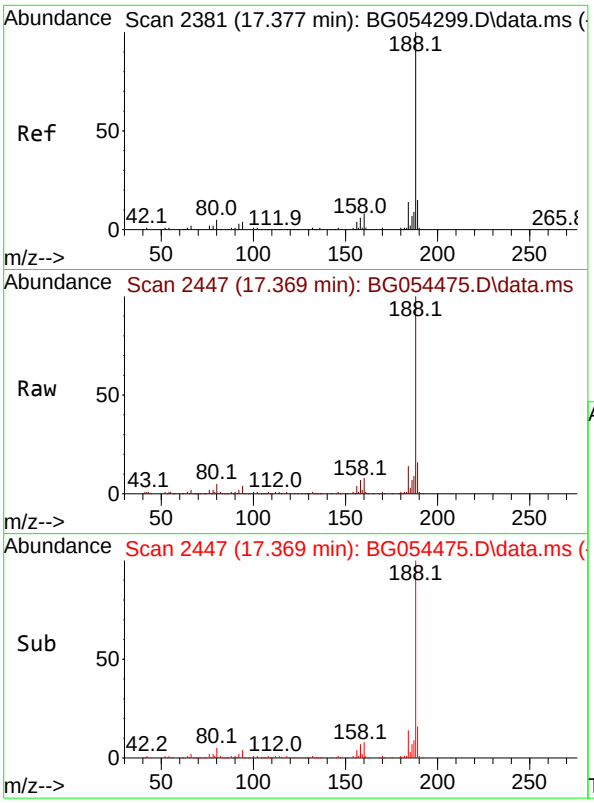


#57
2,4-Dinitrotoluene
Concen: 5.908 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.373 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:165 Resp: 8601

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#



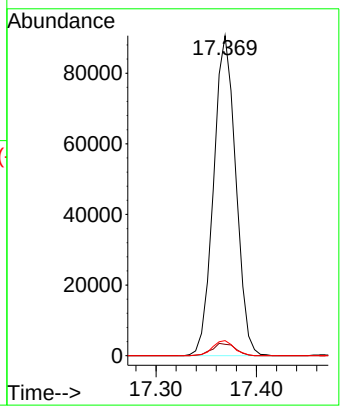


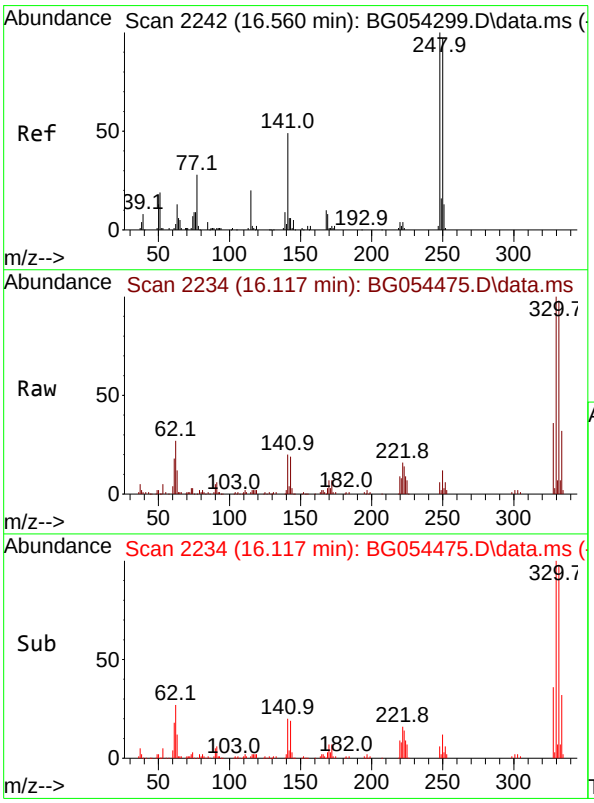
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:188 Resp: 139162

Ion	Ratio	Lower	Upper
188	100		
94	3.5	5.4	8.0#
80	4.7	6.8	10.2#

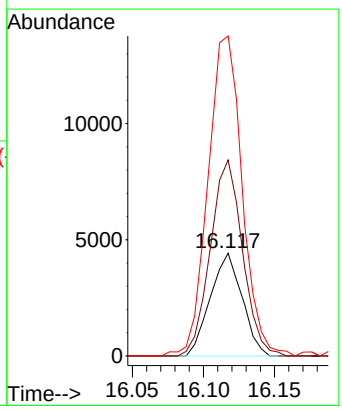


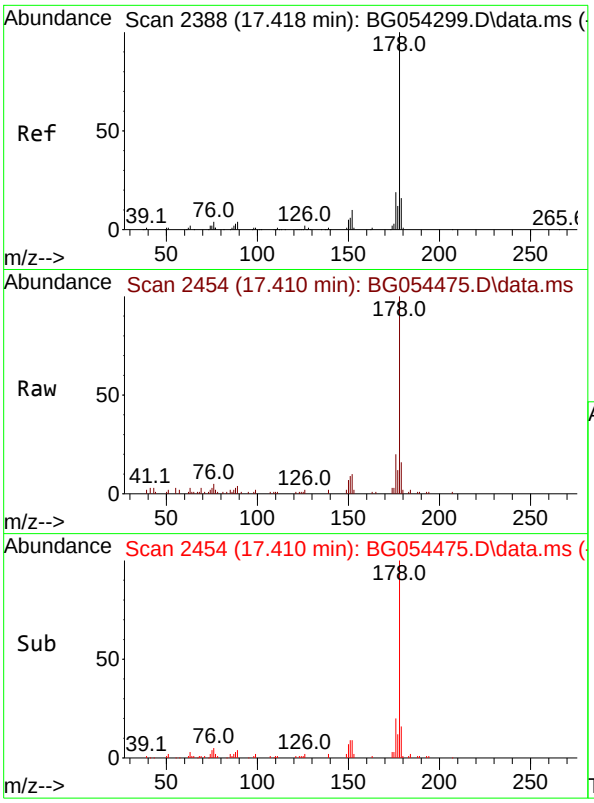


#67
4-Bromophenyl-phenylether
Concen: 3.511 ng
RT: 16.117 min Scan# 2234
Delta R.T. -0.438 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:248 Resp: 6863

Ion	Ratio	Lower	Upper
248	100		
250	190.7	75.2	112.8#
141	311.4	50.0	75.0#



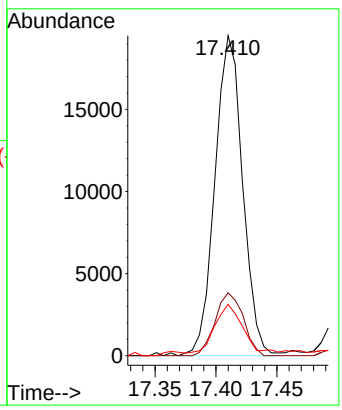


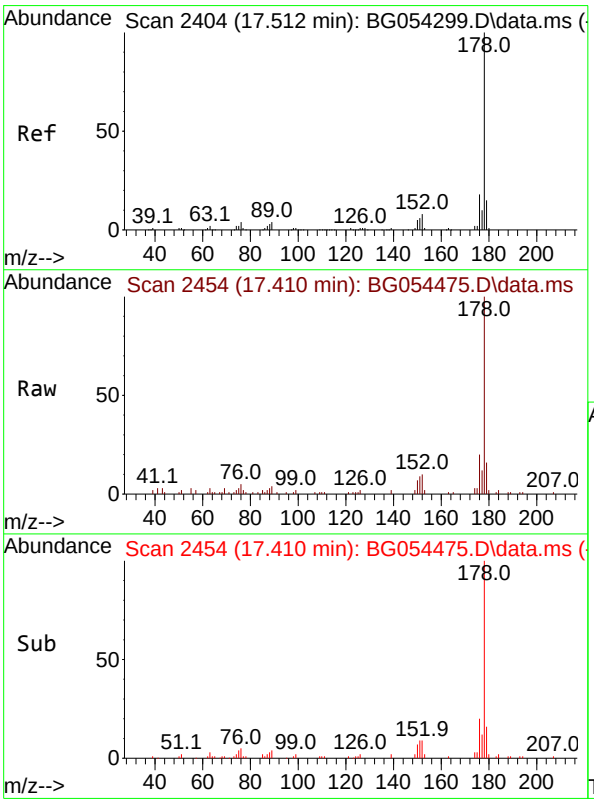
#71
Phenanthrene
Concen: 4.450 ng
RT: 17.410 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:178 Resp: 30837

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.1	21.1
179	16.0	12.1	18.1

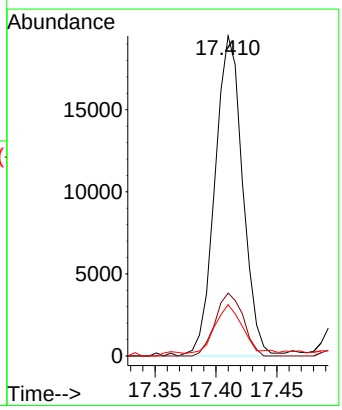


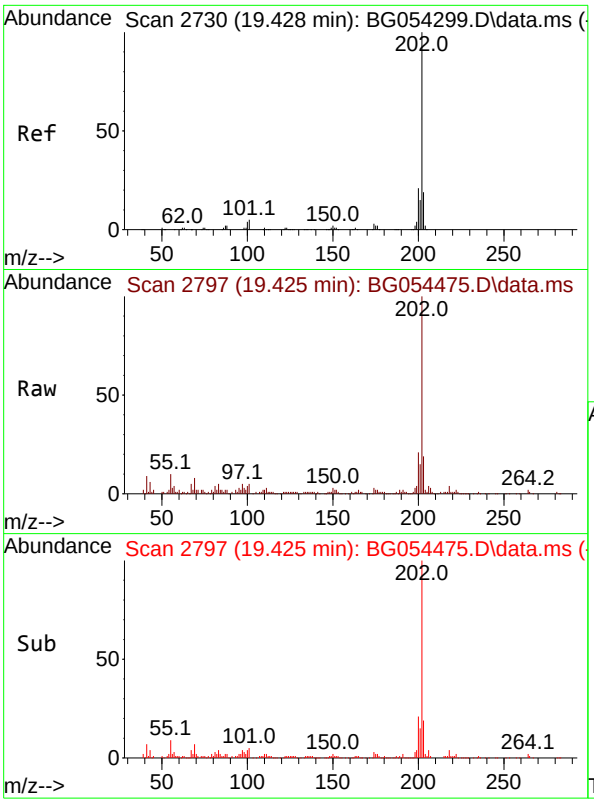


#72
Anthracene
Concen: 4.534 ng
RT: 17.410 min Scan# 2454
Delta R.T. -0.091 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:178 Resp: 30837

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	16.0	13.0	19.4



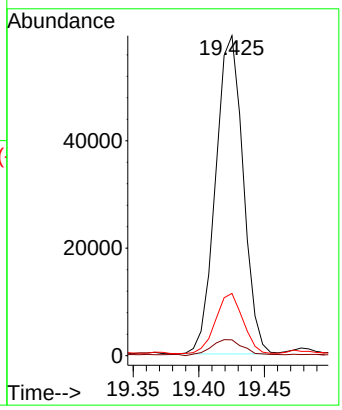


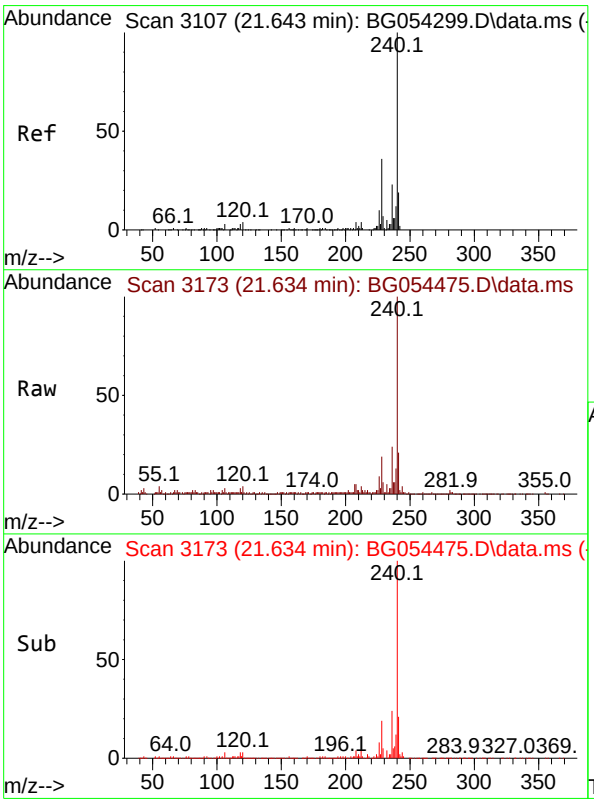
#75
Fluoranthene
Concen: 9.154 ng
RT: 19.425 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:202 Resp: 86482

Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	26.9
203	19.5	0.0	37.2

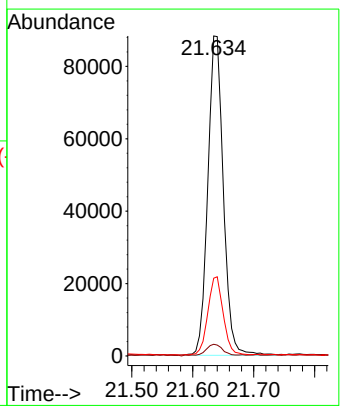


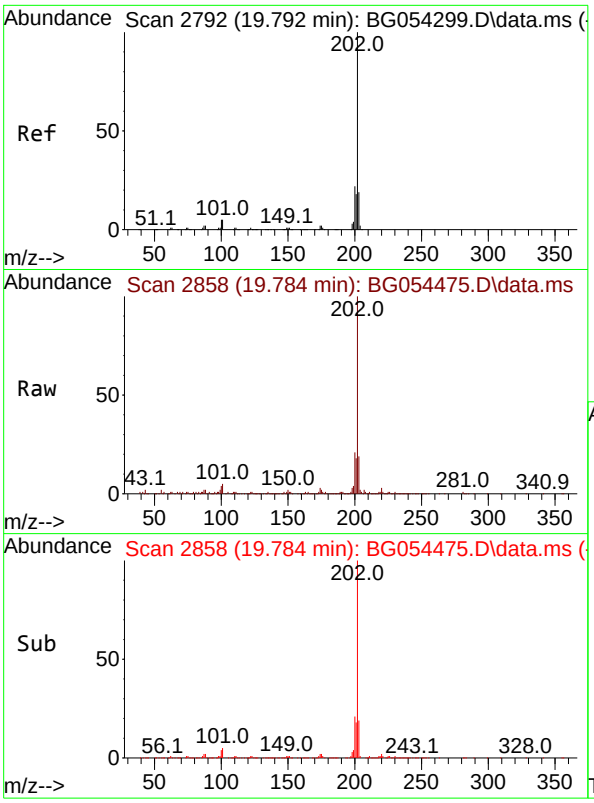


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:240 Resp: 156068

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.3	20.2	30.4



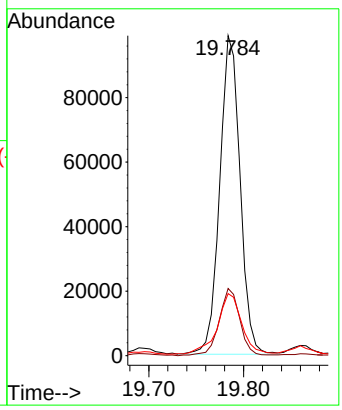


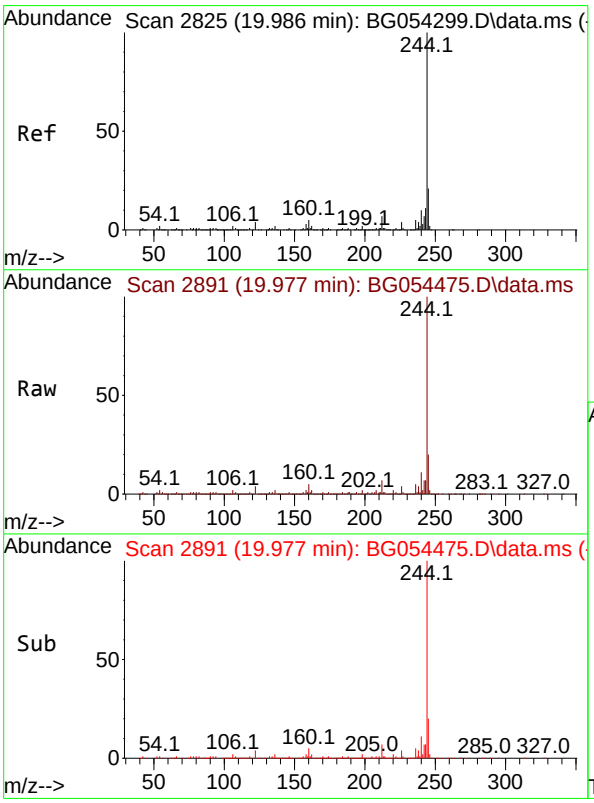
#78
Pyrene
Concen: 16.457 ng
RT: 19.784 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:202 Resp: 147374

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	19.4	14.6	21.8

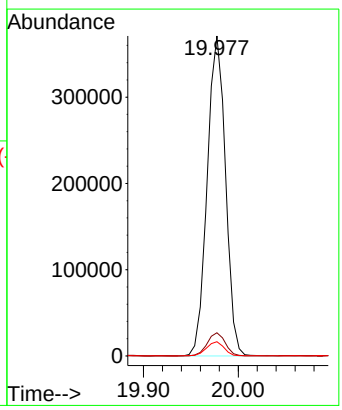


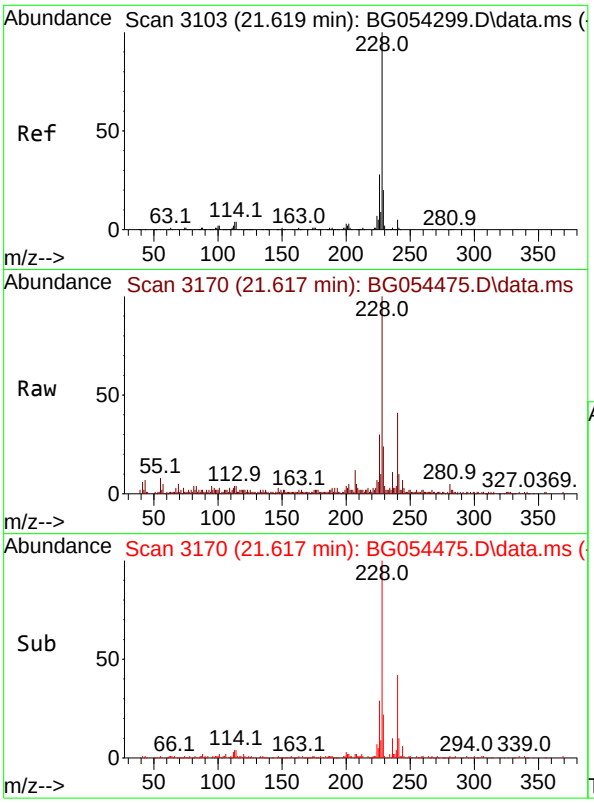


#79
Terphenyl-d14
Concen: 63.264 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:244 Resp: 497704

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.5	5.0	7.4#



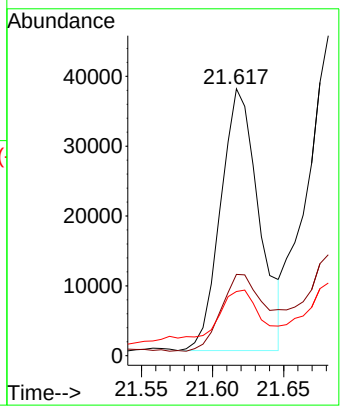


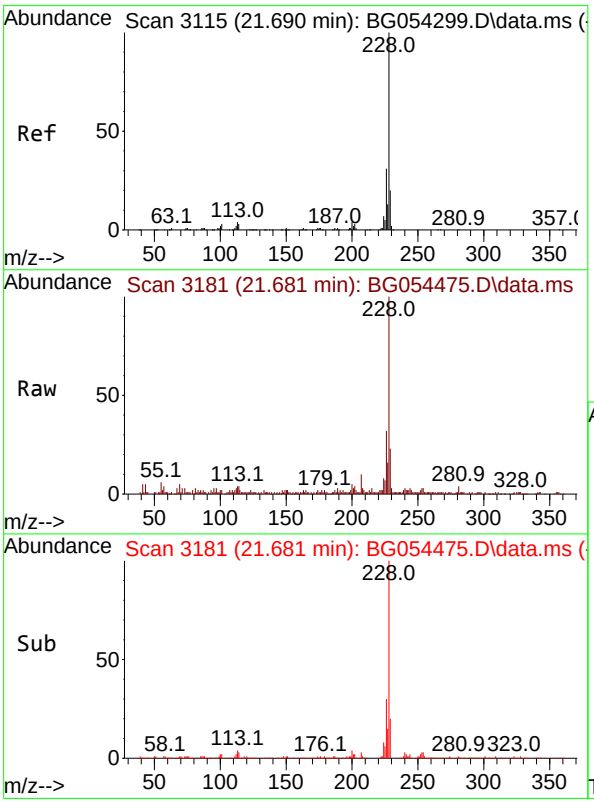
#81
Benzo(a)anthracene
Concen: 7.127 ng
RT: 21.617 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:228 Resp: 70605

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.6	32.4
229	24.0	16.2	24.2

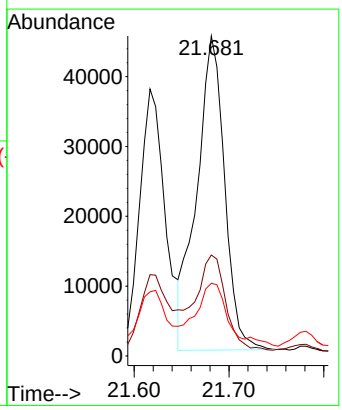


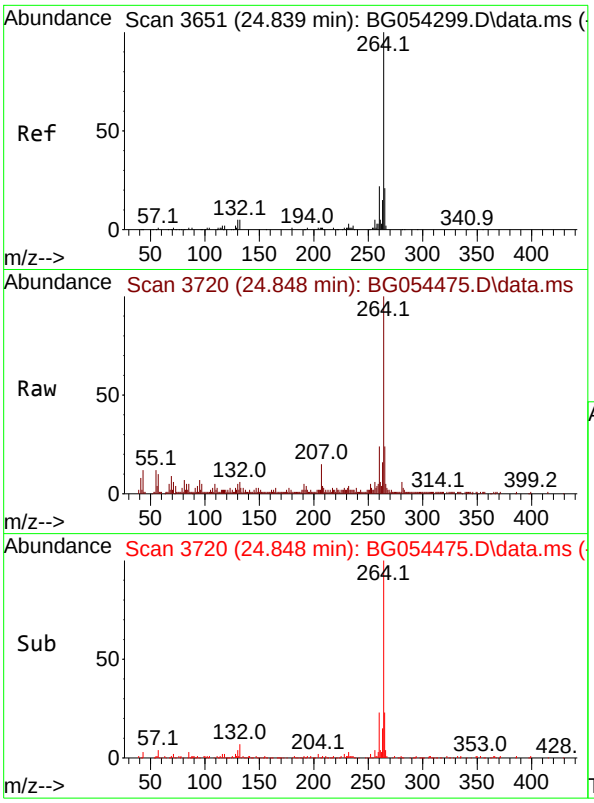


#83
Chrysene
Concen: 9.806 ng
RT: 21.681 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:228 Resp: 91785

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	22.7	15.5	23.3



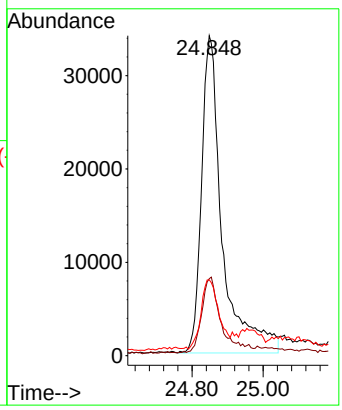


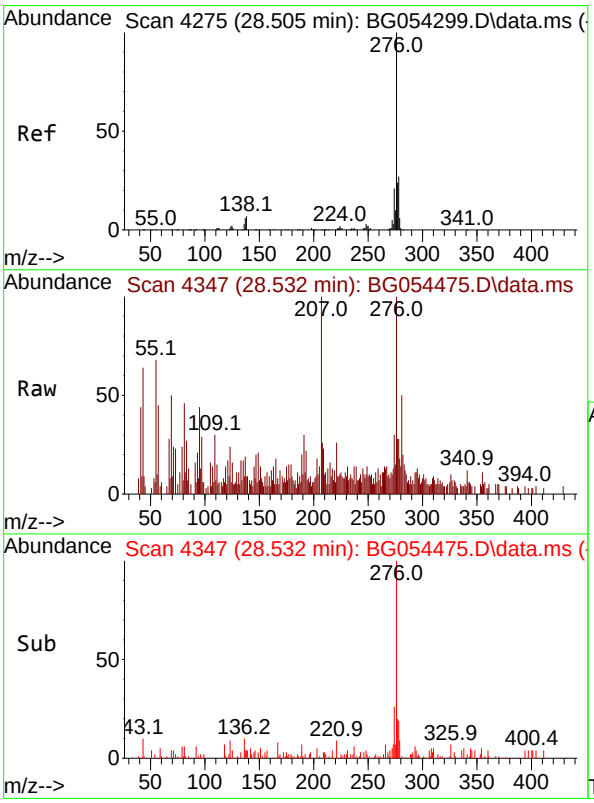
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.848 min Scan# 3
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:264 Resp: 137997

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	23.7	17.4	26.2

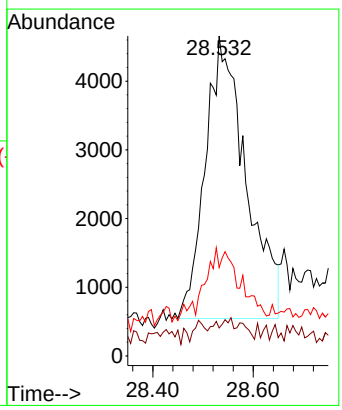


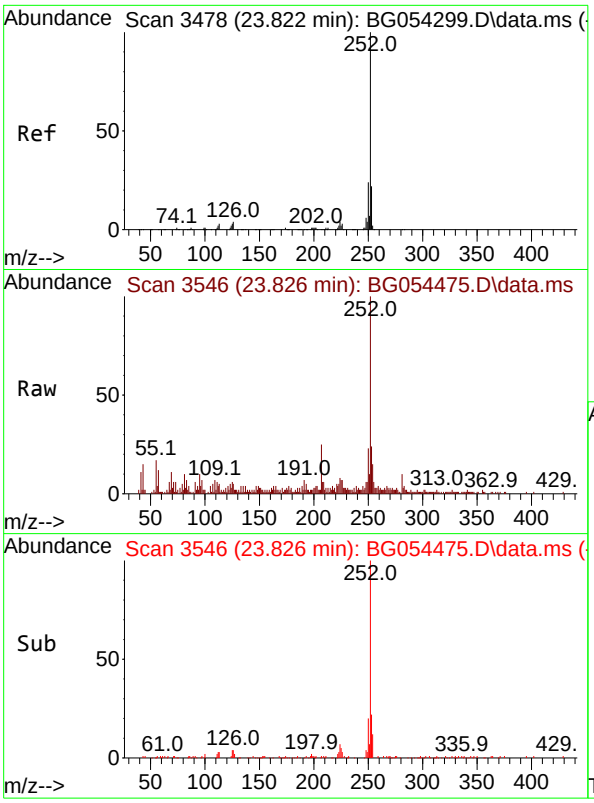


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.204 ng
RT: 28.532 min Scan# 4347
Delta R.T. 0.015 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:276 Resp: 23138

Ion	Ratio	Lower	Upper
276	100		
138	1.2	5.0	7.4#
277	9.9	20.3	30.5#



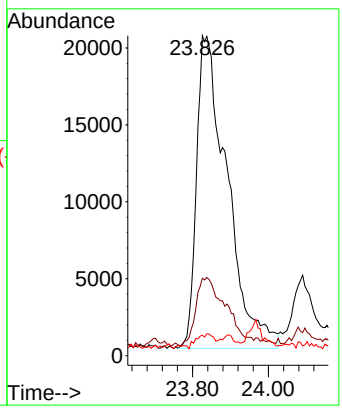


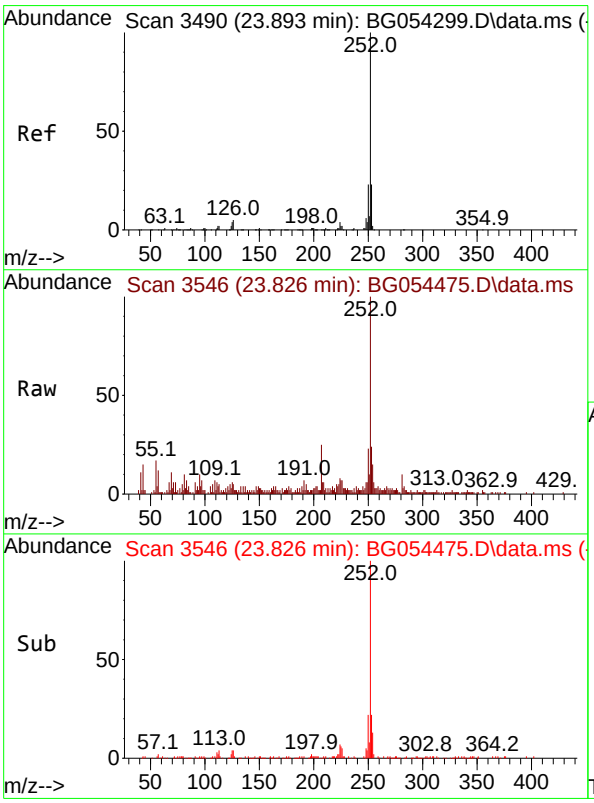
#88
Benzo(b)fluoranthene
Concen: 13.934 ng
RT: 23.826 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:252 Resp: 113712

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	6.4	4.6	6.8

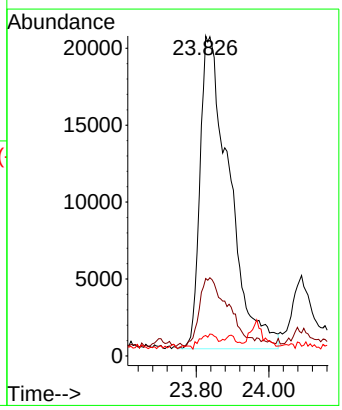


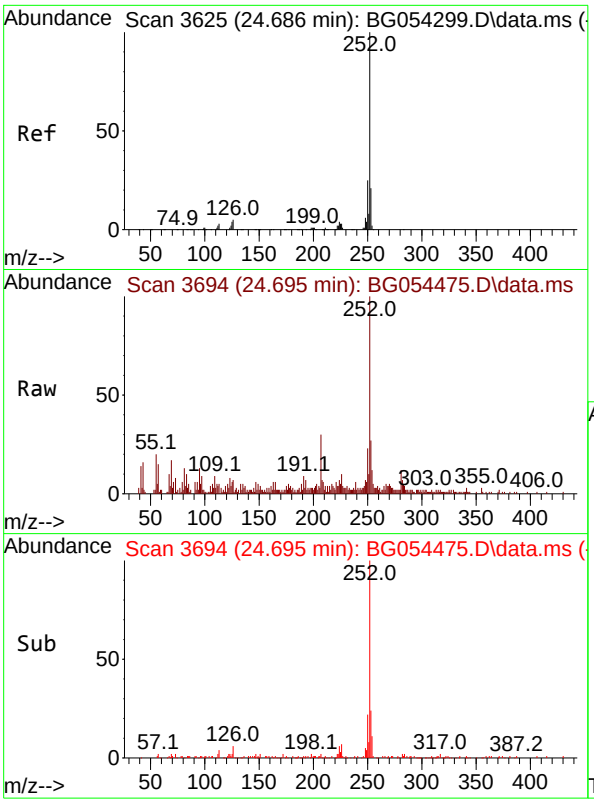


#89
Benzo(k)fluoranthene
Concen: 14.036 ng
RT: 23.826 min Scan# 3546
Delta R.T. -0.061 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:252 Resp: 113999

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	6.4	4.8	7.2



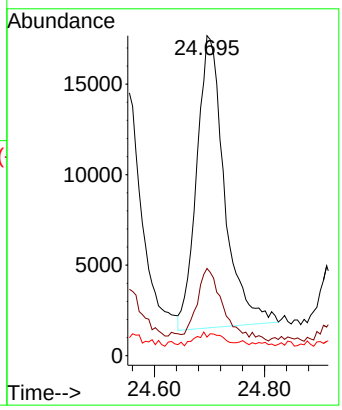


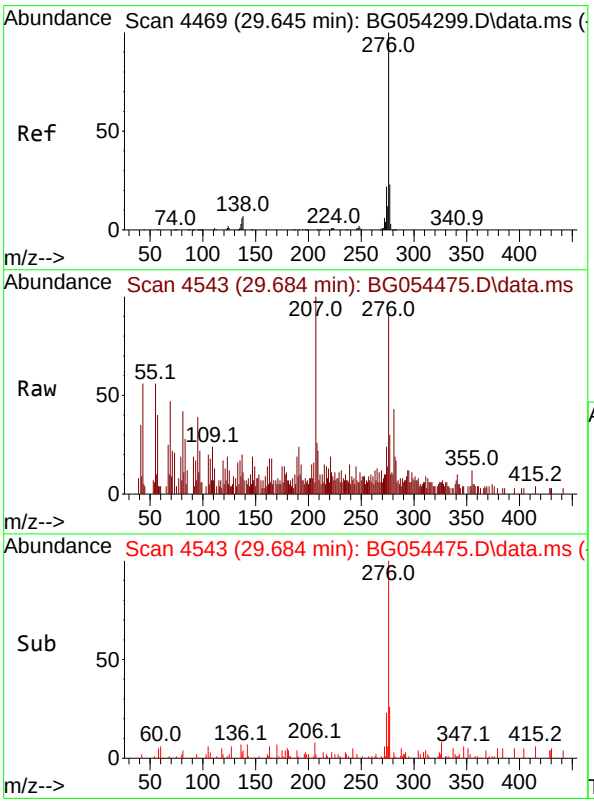
#90
Benzo(a)pyrene
Concen: 8.120 ng
RT: 24.695 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Instrument :
BNA_G
ClientSampleId :
RVE-53

Tgt Ion:252 Resp: 56593

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.8	26.8#
125	5.8	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 3.054 ng
RT: 29.684 min Scan# 4543
Delta R.T. 0.021 min
Lab File: BG054475.D
Acq: 1 Aug 2022 22:10

Tgt Ion:276 Resp: 26019

Ion	Ratio	Lower	Upper
276	100		
277	32.9	17.3	25.9#
138	12.4	9.6	14.4