Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054507.D
Acq On : 3 Aug 2022 20:13
Operator : CG/JU
Sample : N3935-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-147

Quant Time: Aug 04 00:44:38 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	7.979	152	21851	20.000	ng		0.00
21) Naphthalene-d8	10.788	136	83015	20.000	ng	#	0.00
39) Acenaphthene-d10	14.619	164	60178	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	144168	20.000	ng	#	0.00
76) Chrysene-d12	21.634	240	157686	20.000	ng	#	0.00
86) Perylene-d12	24.836	264	165396	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.570	112	154056	147.202	ng		0.00
7) Phenol-d6	7.186	99	200191	139.598	ng		0.01
23) Nitrobenzene-d5	9.149	82	134771	88.408	ng		0.00
42) 2,4,6-Tribromophenol	16.117	330	164483	130.179	ng		0.00
45) 2-Fluorobiphenyl	13.238	172	392747	92.068	ng		0.00
79) Terphenyl-d14	19.977	244	710340	89.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	890	2.138	ng	#	1
19) n-Nitroso-di-n-propyla...	9.149	70	19087	19.932	ng	#	84
51) 2,6-Dinitrotoluene	14.619	165	8461	8.207	ng	#	16
57) 2,4-Dinitrotoluene	14.619	165	8461	5.725	ng	#	21
67) 4-Bromophenyl-phenylether	16.111	248	9941	4.910	ng	#	1
71) Phenanthrene	17.404	178	24715	3.442	ng		98
72) Anthracene	17.404	178	24715	3.508	ng		99
75) Fluoranthene	19.419	202	63457	6.484	ng		94
77) Benzidine	19.971	184	9345	3.272	ng	#	93
78) Pyrene	19.783	202	93578	10.343	ng		98
81) Benzo(a)anthracene	21.616	228	48246	4.820	ng		92
83) Chrysene	21.675	228	57856	6.118	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.520	276	36893	2.932	ng	#	75
88) Benzo(b)fluoranthene	23.826	252	71535	7.313	ng		97
89) Benzo(k)fluoranthene	23.826	252	71535	7.349	ng		98
90) Benzo(a)pyrene	24.689	252	56755	6.794	ng		98
92) Benzo(g,h,i)perylene	29.672	276	43970	4.306	ng	#	92

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

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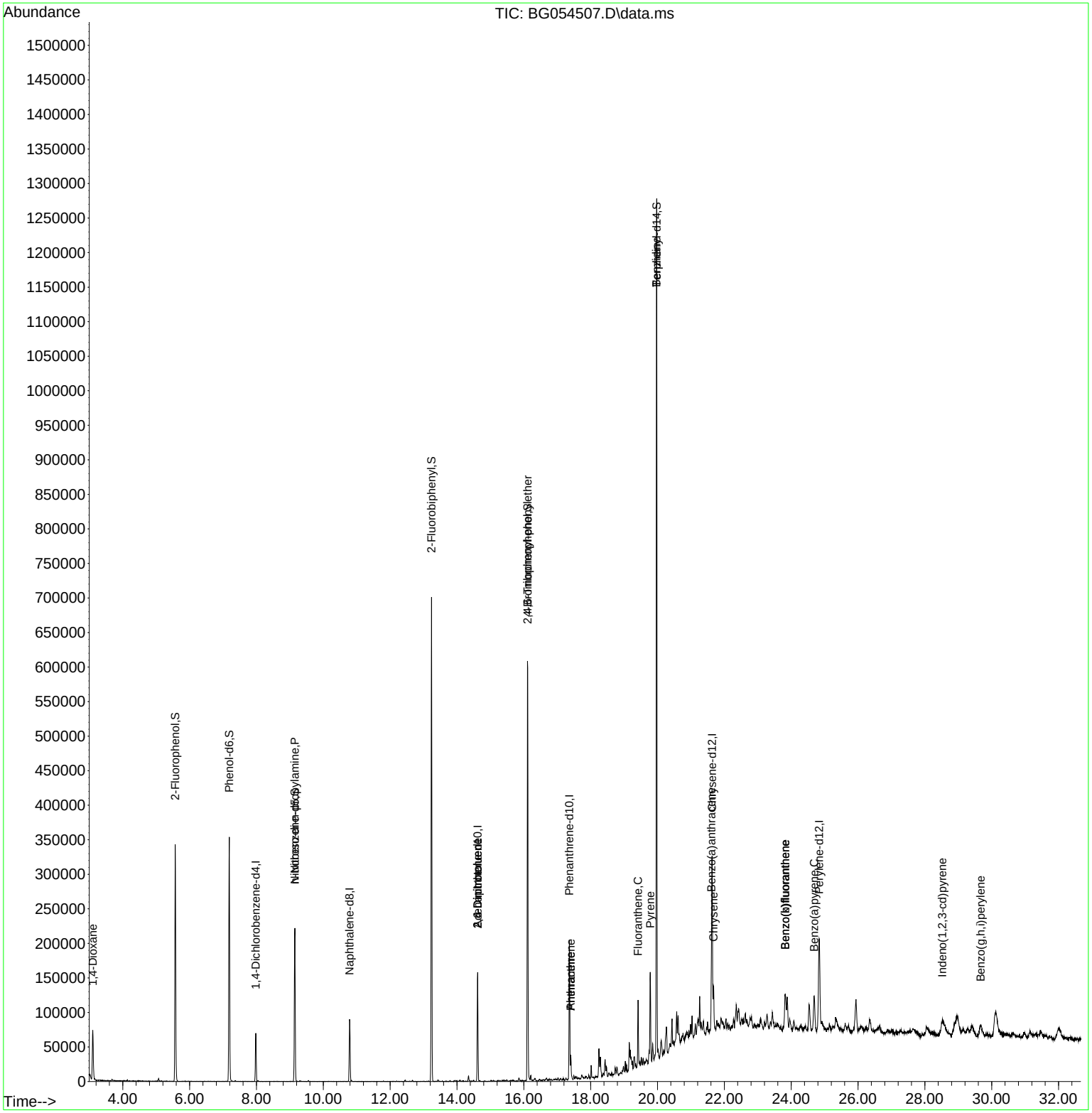
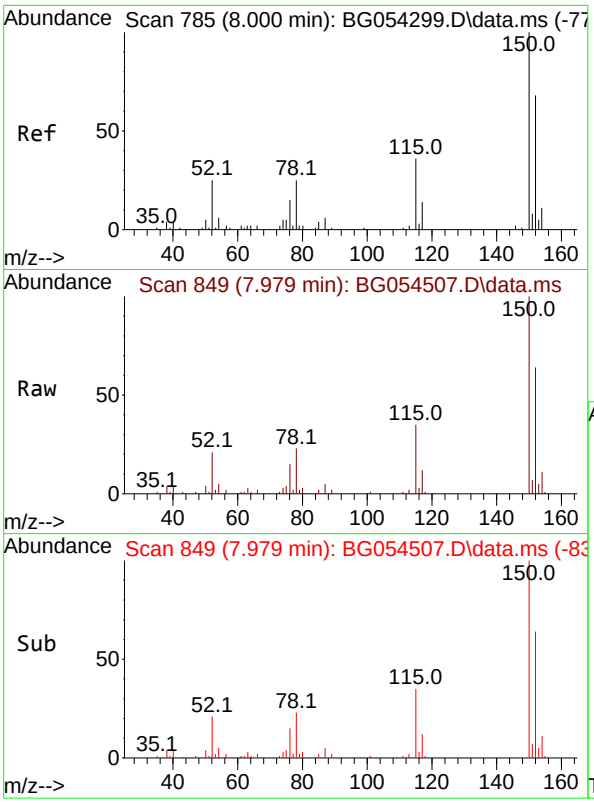


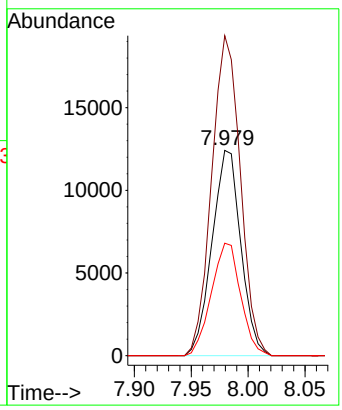


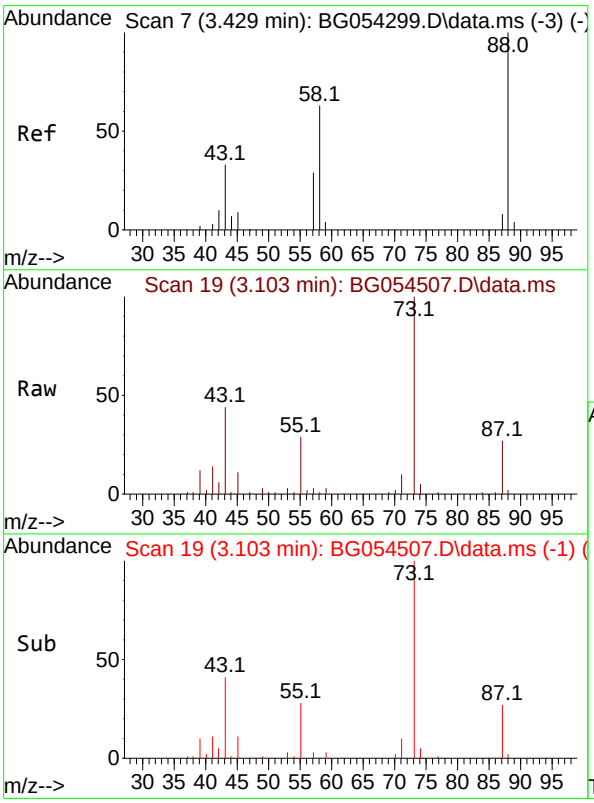
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:152 Resp: 21851

Ion	Ratio	Lower	Upper
152	100		
150	155.9	131.6	197.4
115	54.8	50.9	76.3

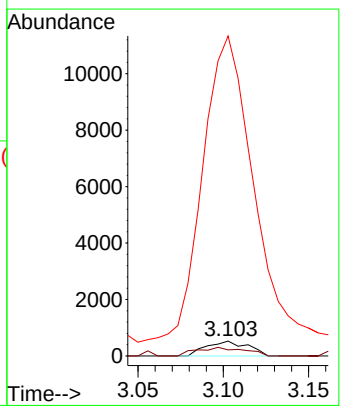


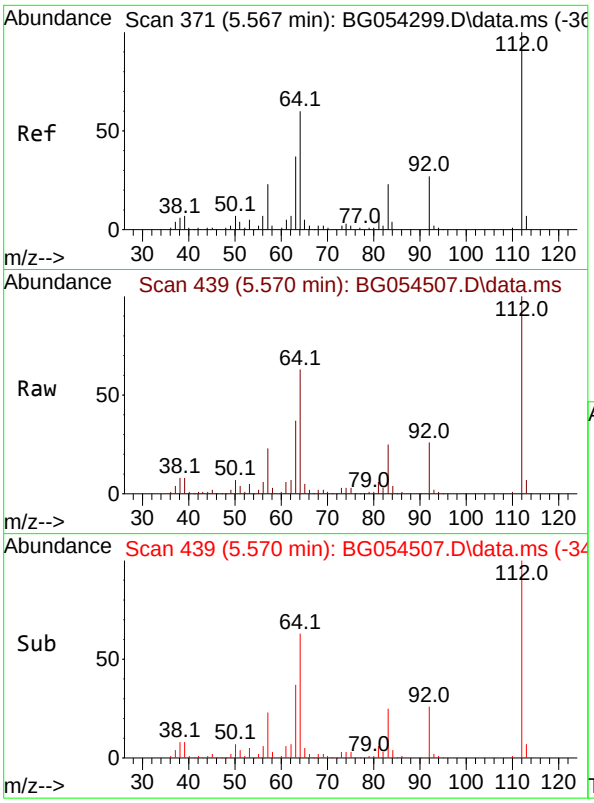


#2
1,4-Dioxane
Concen: 2.138 ng
RT: 3.103 min Scan# 19
Delta R.T. -0.315 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion: 88 Resp: 890

Ion	Ratio	Lower	Upper
88	100		
58	67.8	59.2	88.8
43	2548.4	24.3	36.5#



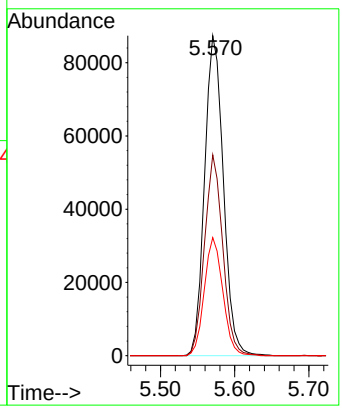


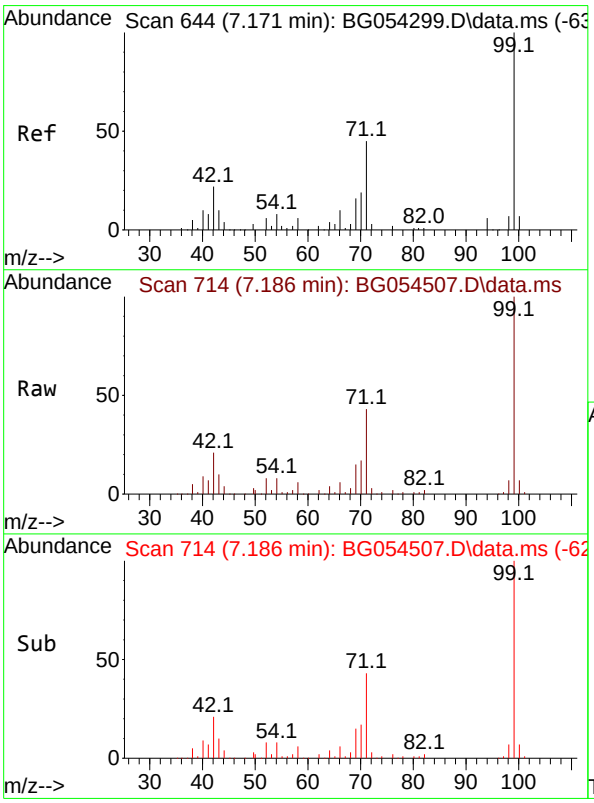
#5
2-Fluorophenol
Concen: 147.202 ng
RT: 5.570 min Scan# 4
Delta R.T. 0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:112 Resp: 154056

Ion	Ratio	Lower	Upper
112	100		
64	62.8	55.1	82.7
63	36.9	30.4	45.6

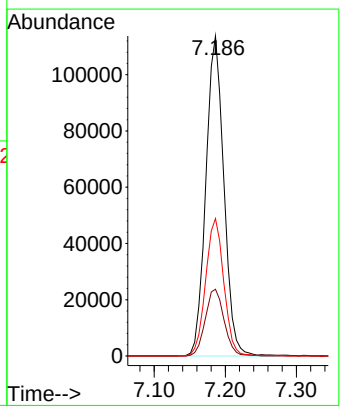


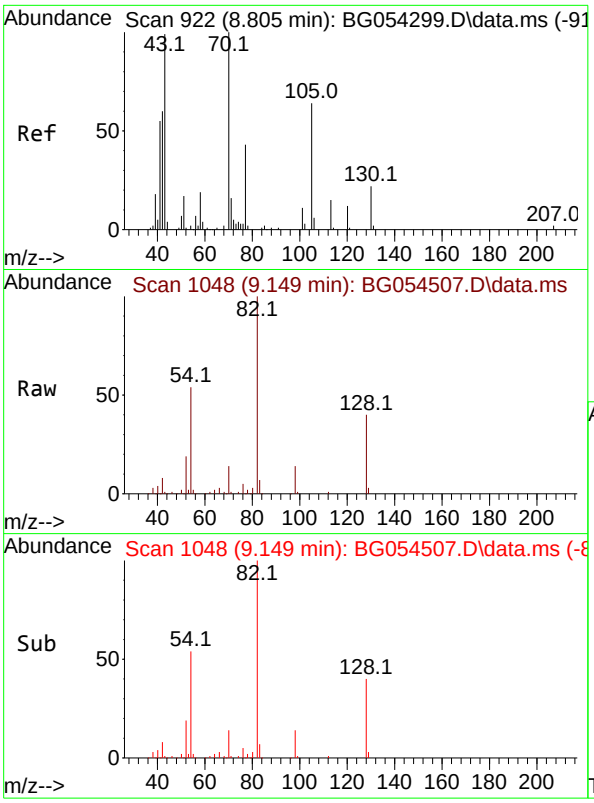


#7
Phenol-d6
Concen: 139.598 ng
RT: 7.186 min Scan# 714
Delta R.T. 0.015 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion: 99 Resp: 200191

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	42.9	33.8	50.8



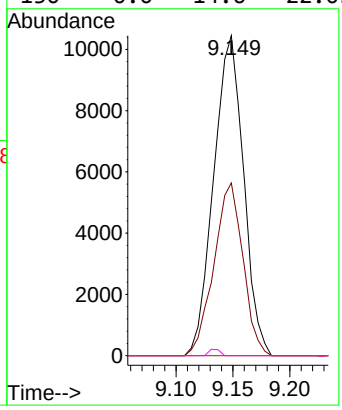


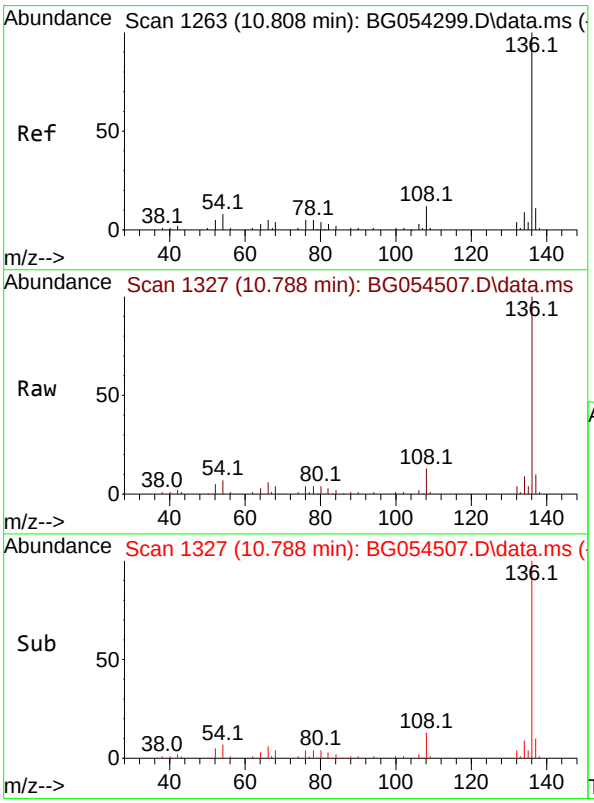
#19
n-Nitroso-di-n-propylamine
Concen: 19.932 ng
RT: 9.149 min Scan# 1
Delta R.T. 0.355 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion: 70 Resp: 19087

Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

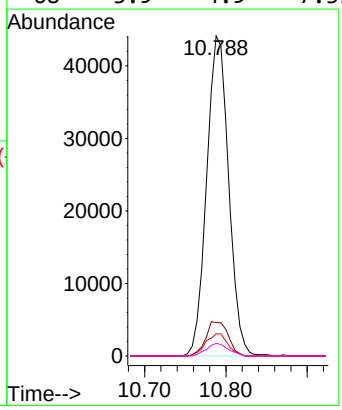


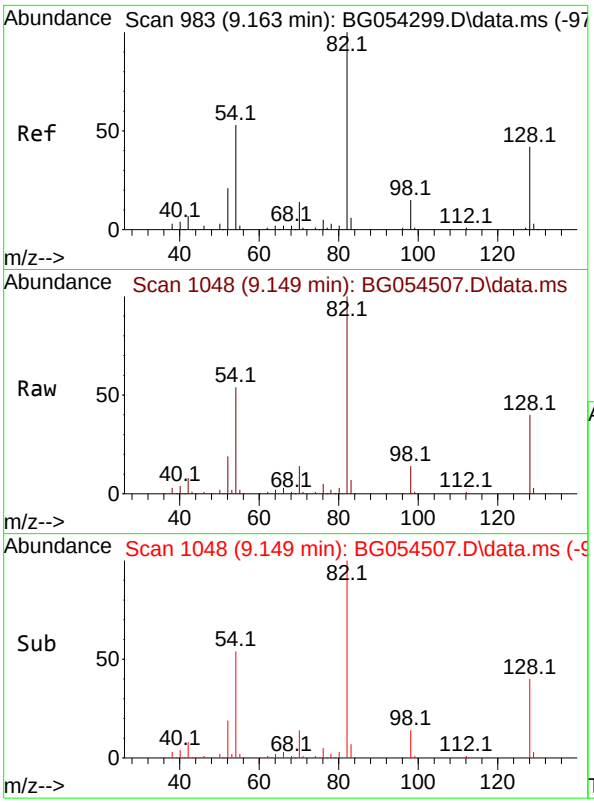


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.788 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:136 Resp: 83015

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.9	7.4	11.2#
68	3.9	4.9	7.3#



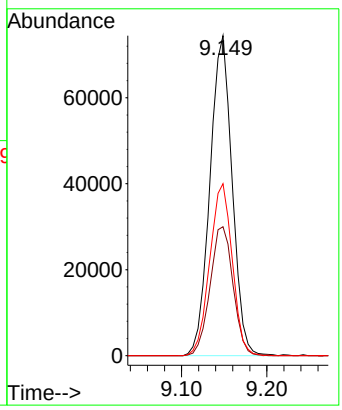


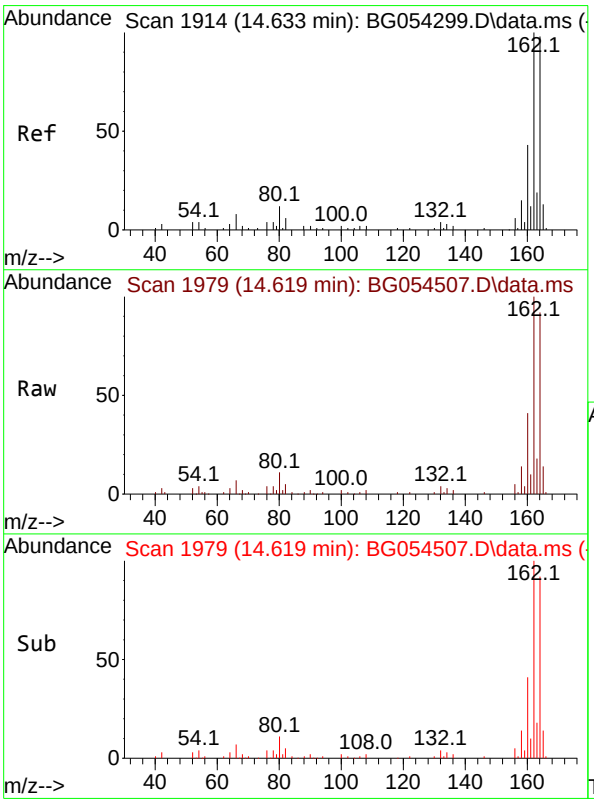
#23
Nitrobenzene-d5
Concen: 88.408 ng
RT: 9.149 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion: 82 Resp: 134771

Ion	Ratio	Lower	Upper
82	100		
128	40.3	27.9	41.9
54	53.8	41.2	61.8

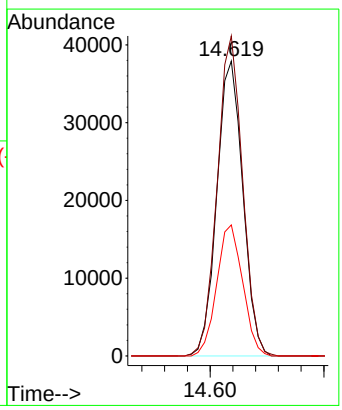


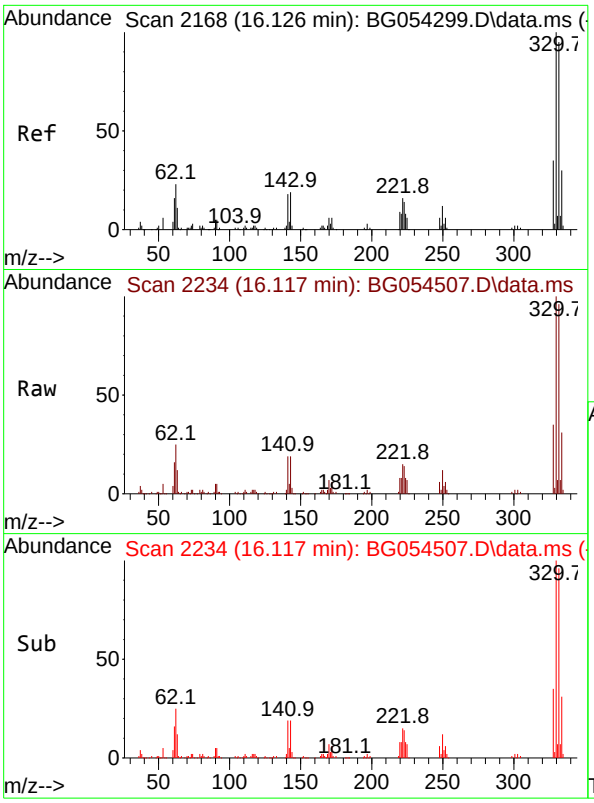


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:164 Resp: 60178

Ion	Ratio	Lower	Upper
164	100		
162	108.5	82.3	123.5
160	44.5	34.2	51.2



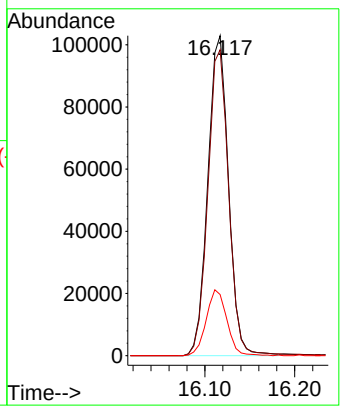


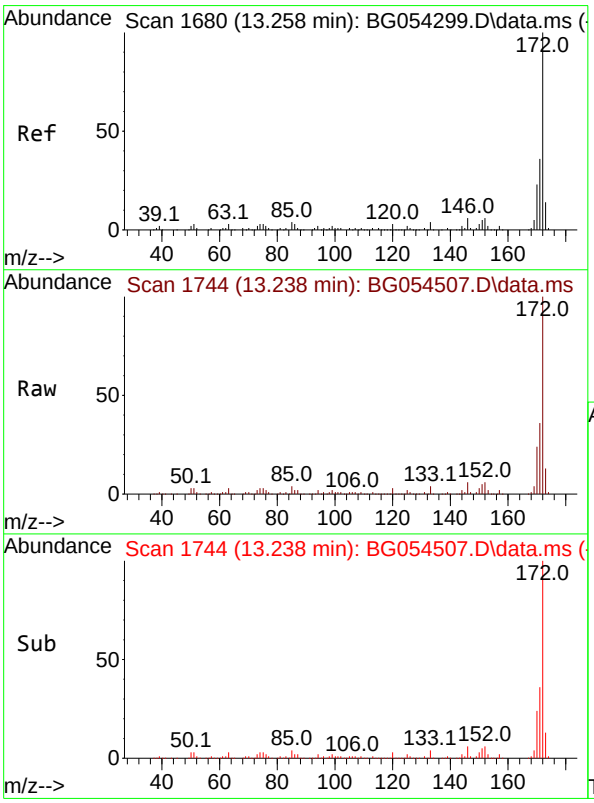
#42
2,4,6-Tribromophenol
Concen: 130.179 ng
RT: 16.117 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:330 Resp: 164483

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	20.7	27.1	40.7#

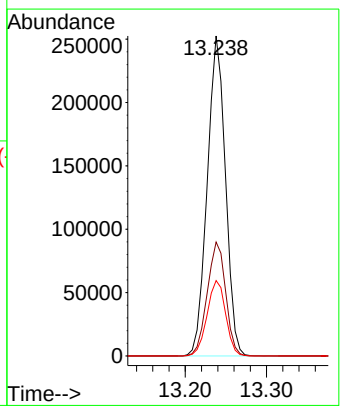


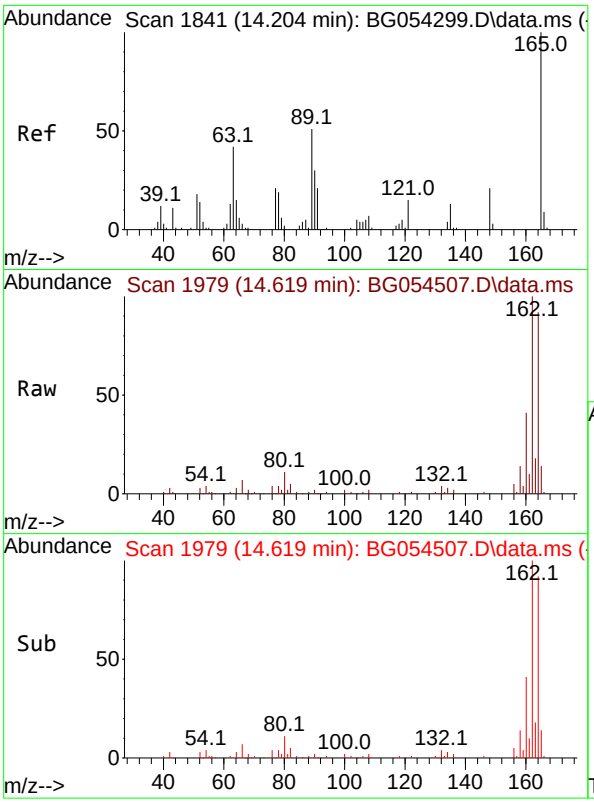


#45
2-Fluorobiphenyl
Concen: 92.068 ng
RT: 13.238 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:172 Resp: 392747

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.9	28.3



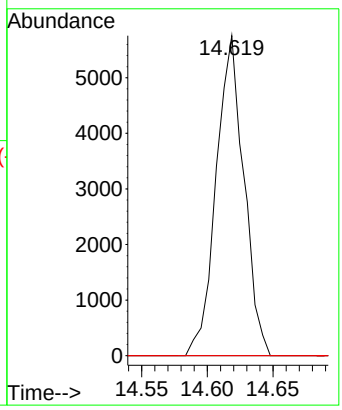


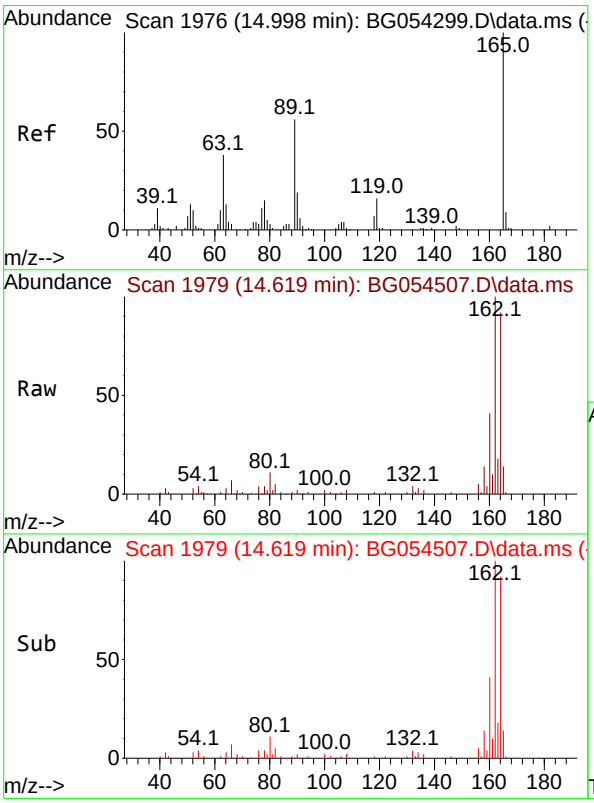
#51
2,6-Dinitrotoluene
Concen: 8.207 ng
RT: 14.619 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:165 Resp: 8461

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

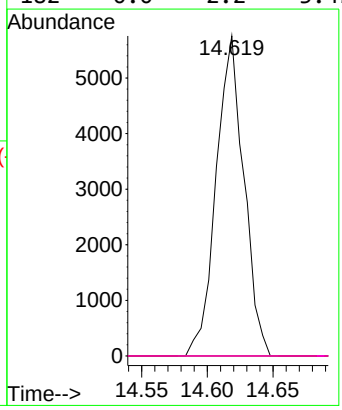


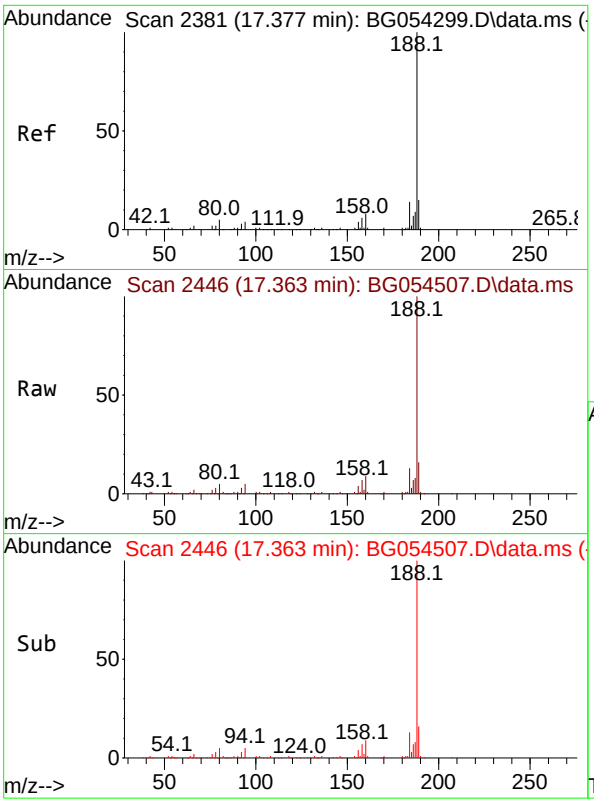


#57
2,4-Dinitrotoluene
Concen: 5.725 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.373 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:165 Resp: 8461

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#



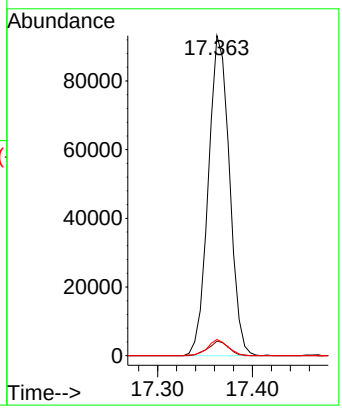


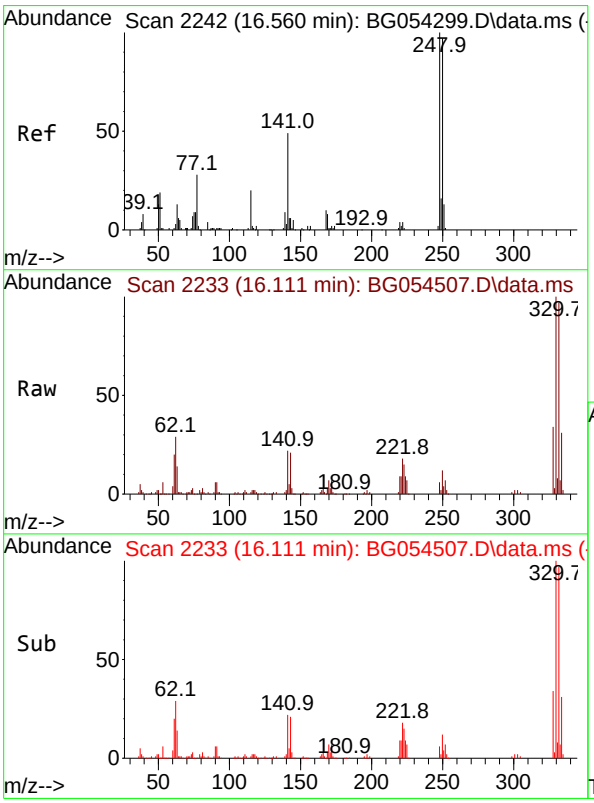
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:188 Resp: 144168

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.4	8.0#
80	5.1	6.8	10.2#

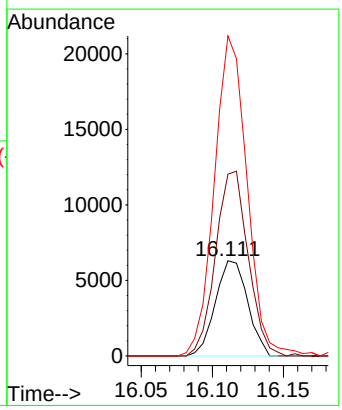


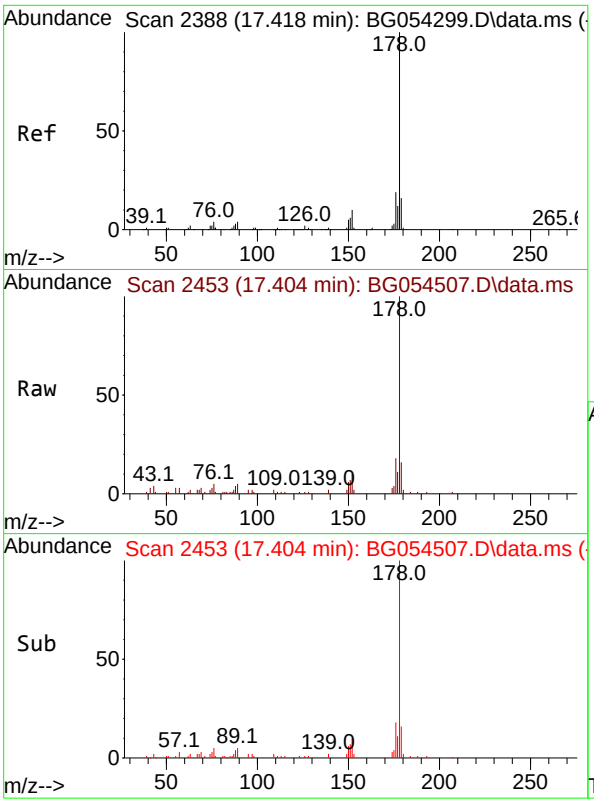


#67
4-Bromophenyl-phenylether
Concen: 4.910 ng
RT: 16.111 min Scan# 2233
Delta R.T. -0.444 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:248 Resp: 9941

Ion	Ratio	Lower	Upper
248	100		
250	249.7	75.2	112.8#
141	335.9	50.0	75.0#



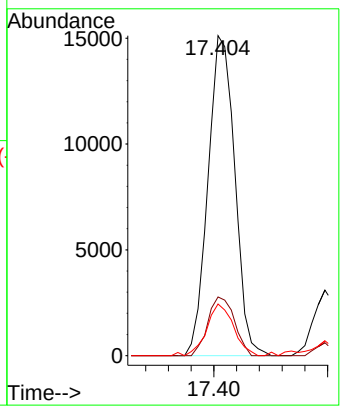


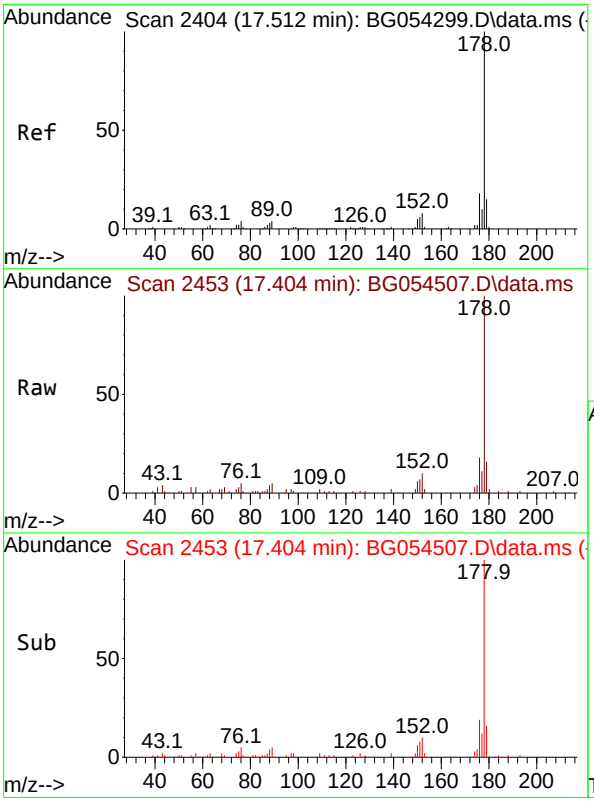
#71
Phenanthrene
Concen: 3.442 ng
RT: 17.404 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:178 Resp: 24715

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	16.2	12.1	18.1

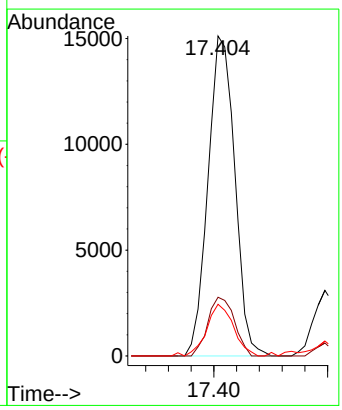


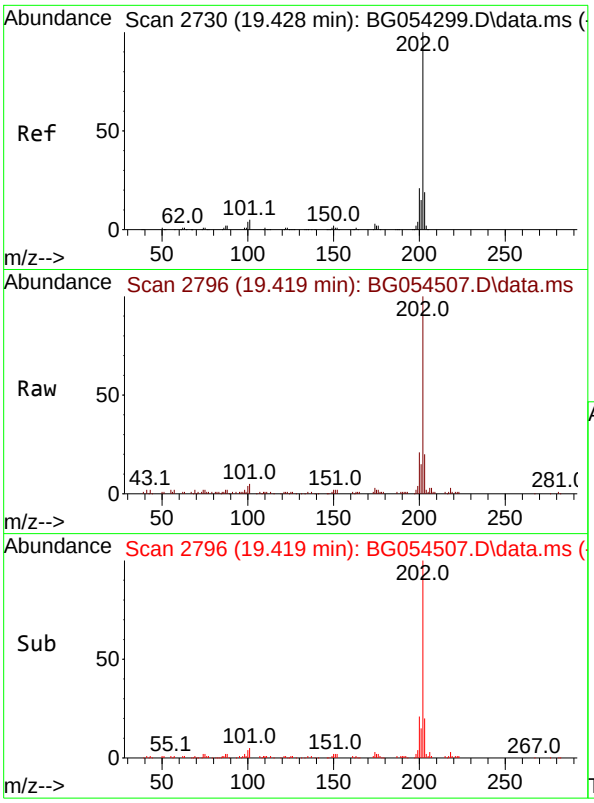


#72
Anthracene
Concen: 3.508 ng
RT: 17.404 min Scan# 2453
Delta R.T. -0.097 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:178 Resp: 24715

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	16.2	13.0	19.4



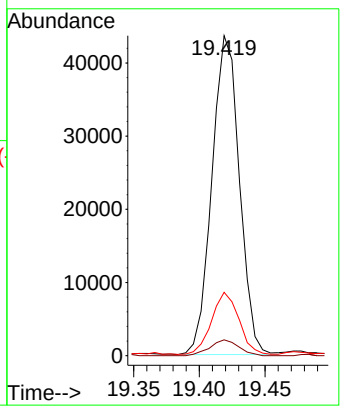


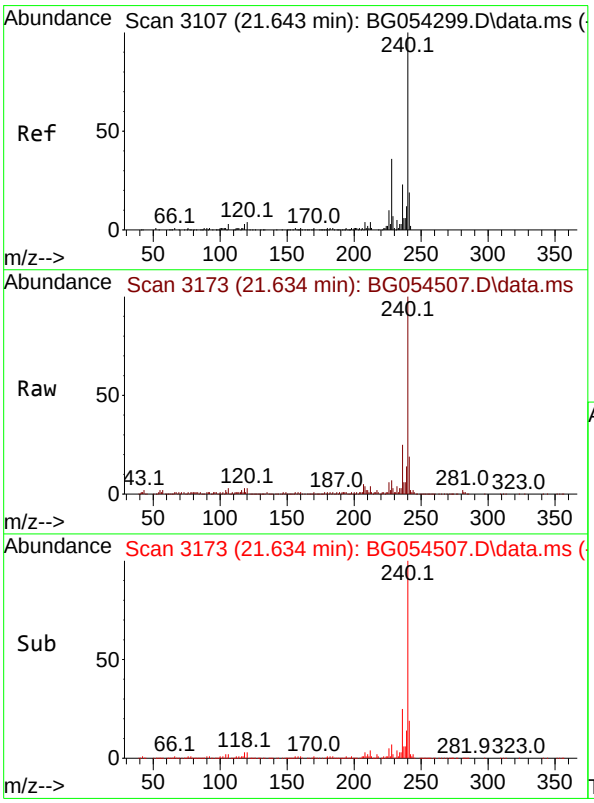
#75
Fluoranthene
Concen: 6.484 ng
RT: 19.419 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:202 Resp: 63457

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	26.9
203	19.8	0.0	37.2

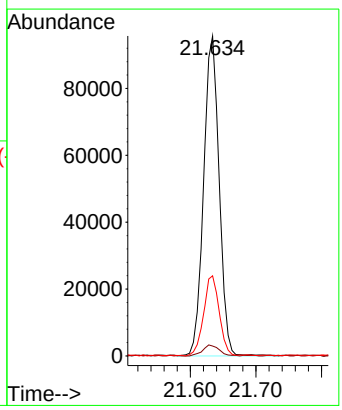


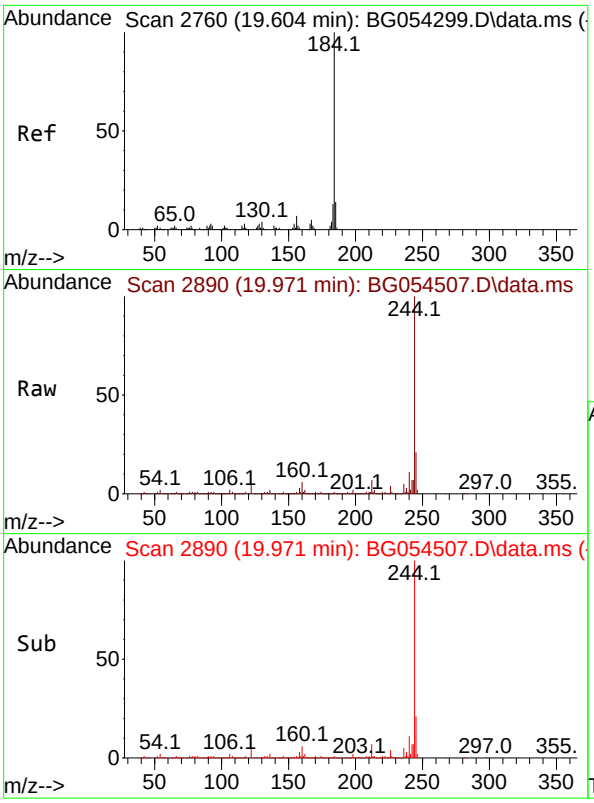


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:240 Resp: 157686

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.6	7.0#
236	25.0	20.2	30.4



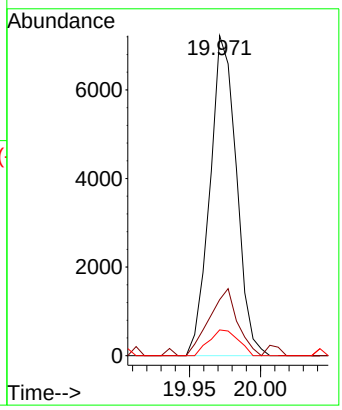


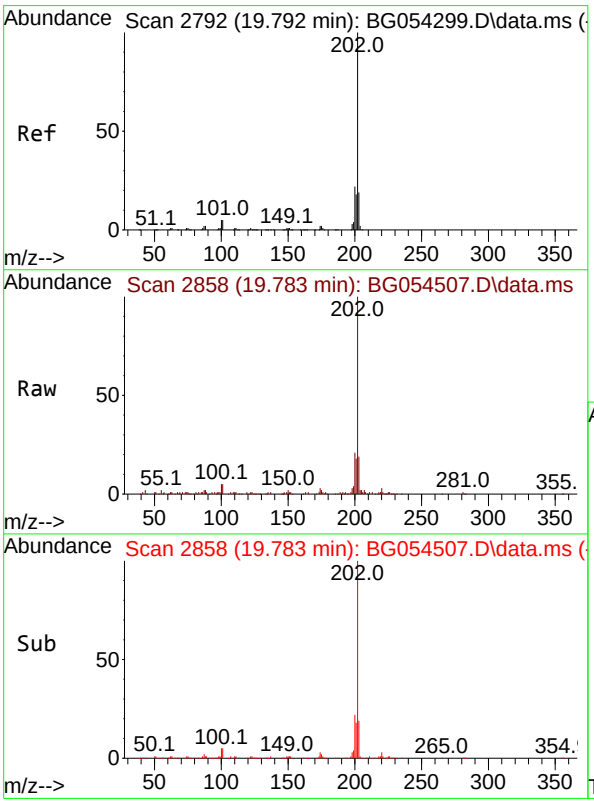
#77
Benzidine
Concen: 3.272 ng
RT: 19.971 min Scan# 2
Delta R.T. 0.373 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:184 Resp: 9345

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.8	17.6
183	8.0	8.9	13.3#

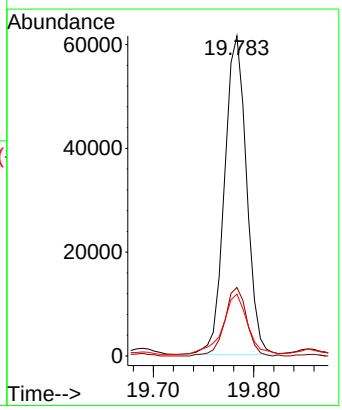


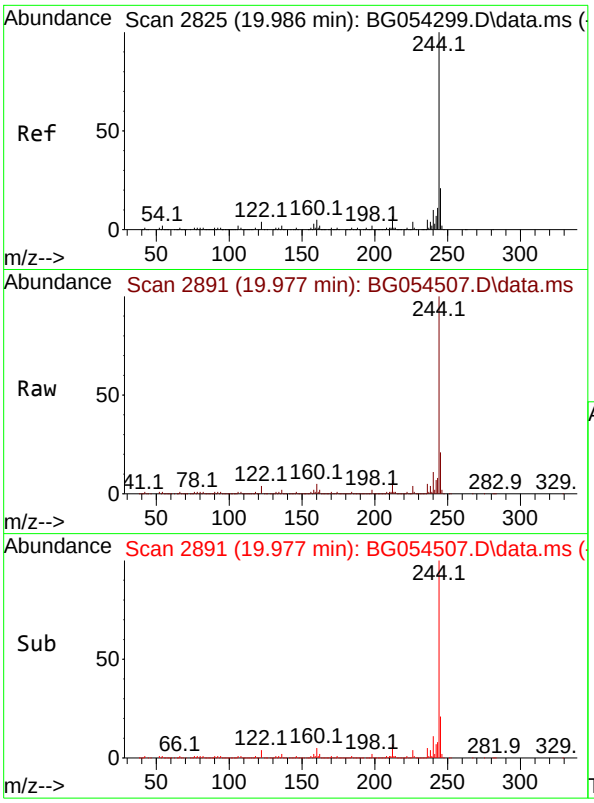


#78
Pyrene
Concen: 10.343 ng
RT: 19.783 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:202 Resp: 93578

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	19.3	14.6	21.8



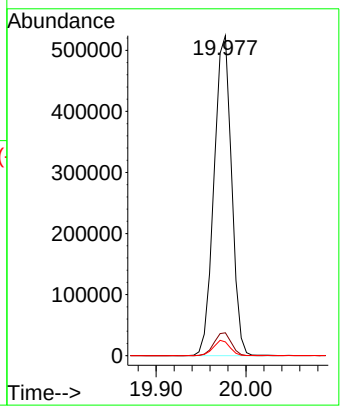


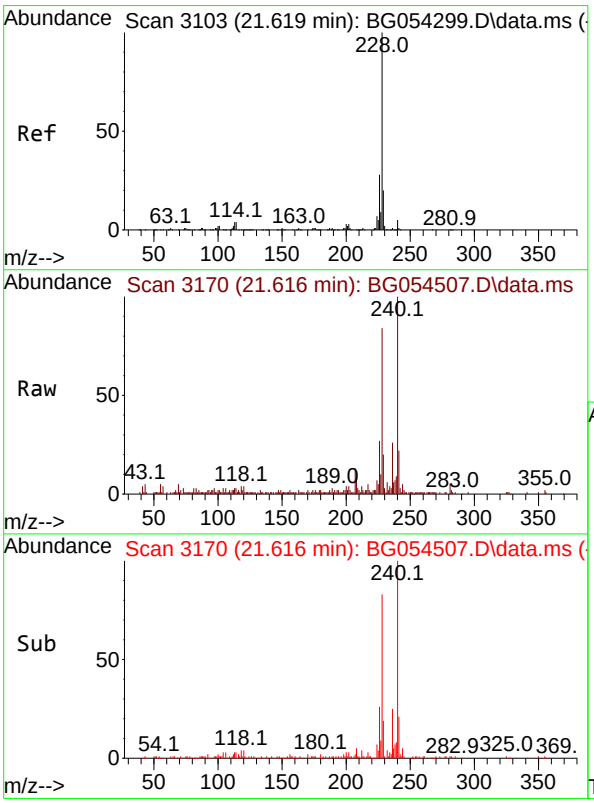
#79
Terphenyl-d14
Concen: 89.366 ng
RT: 19.977 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:244 Resp: 710340

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.3	5.0	7.4#

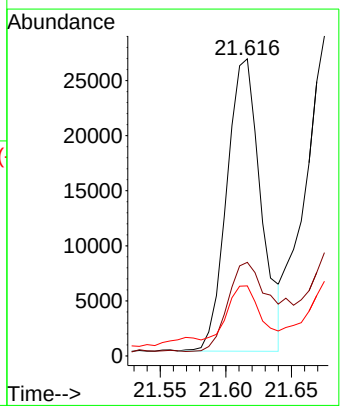


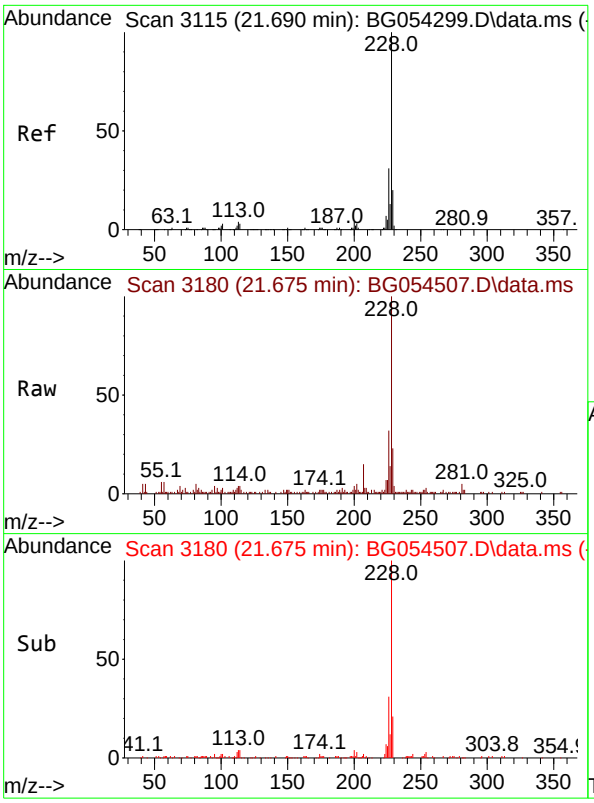


#81
Benzo(a)anthracene
Concen: 4.820 ng
RT: 21.616 min Scan# 3170
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:228 Resp: 48246

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.6	32.4
229	23.6	16.2	24.2



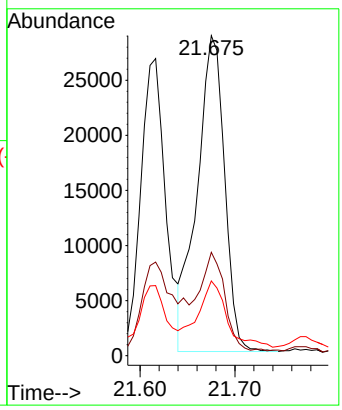


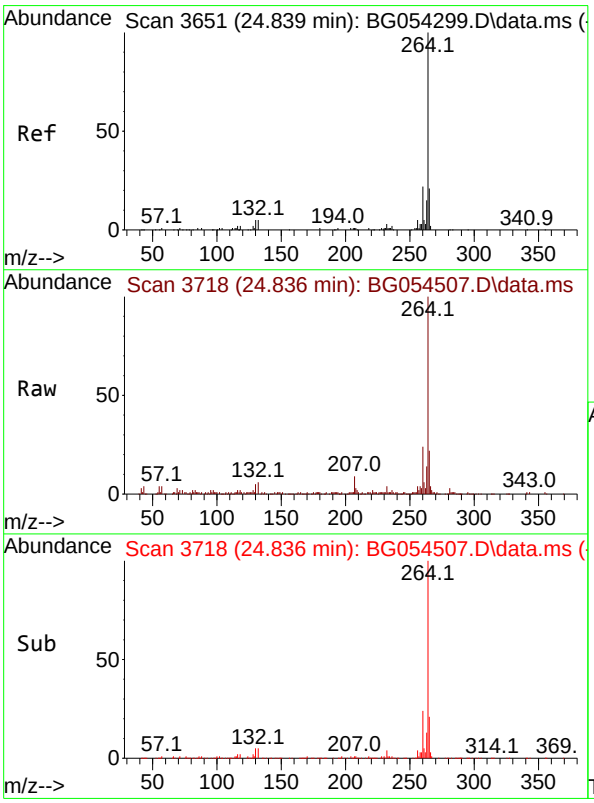
#83
Chrysene
Concen: 6.118 ng
RT: 21.675 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:228 Resp: 57856

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	23.4	15.5	23.3#

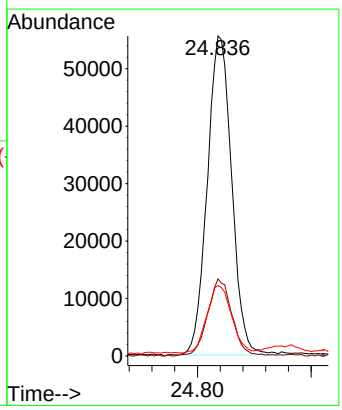


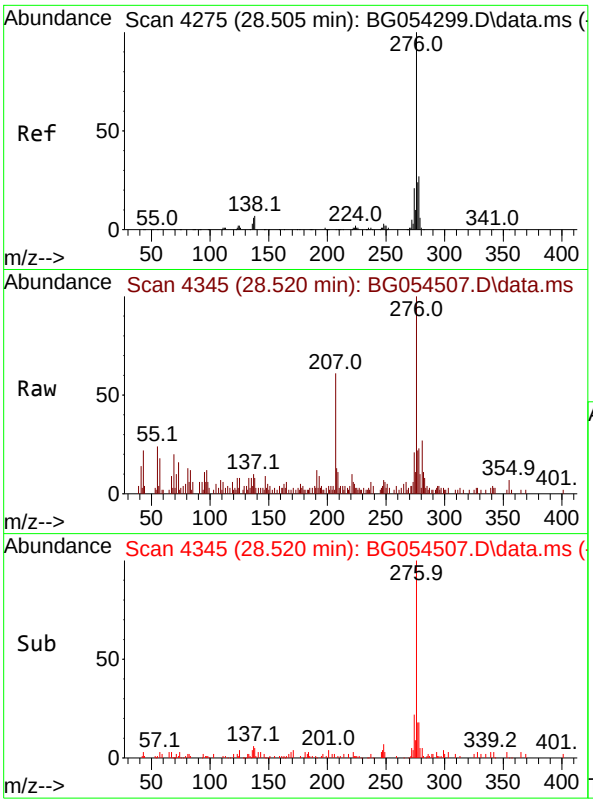


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:264 Resp: 165396

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.1	17.4	26.2



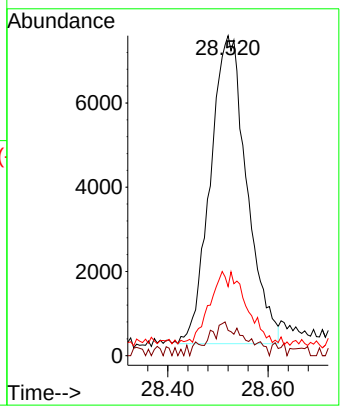


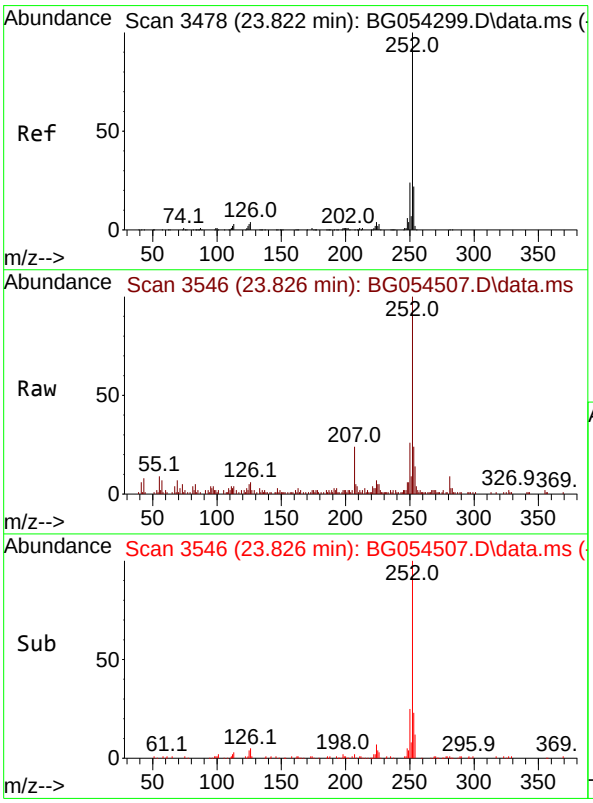
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.932 ng
RT: 28.520 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:276 Resp: 36893

Ion	Ratio	Lower	Upper
276	100		
138	3.3	5.0	7.4#
277	10.9	20.3	30.5#

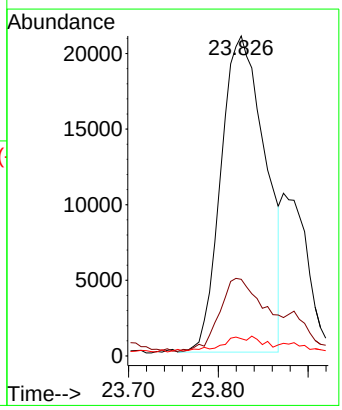


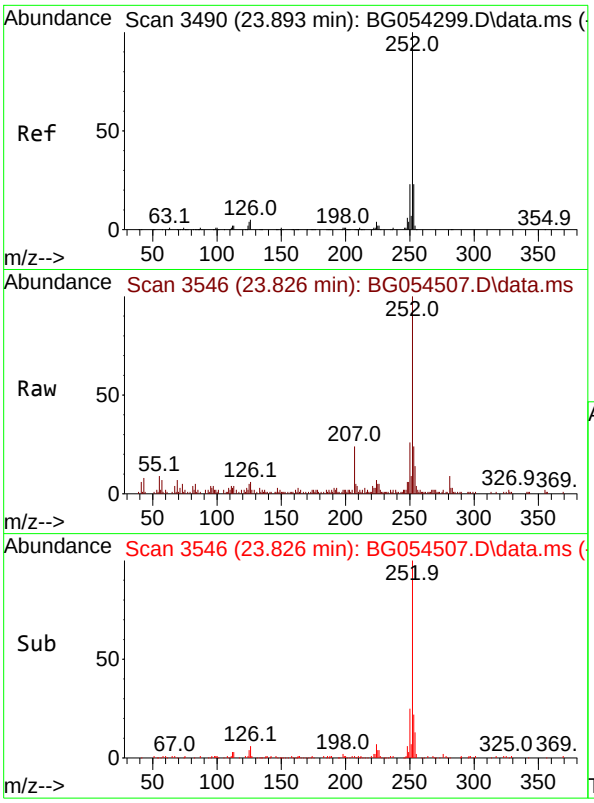


#88
Benzo(b)fluoranthene
Concen: 7.313 ng
RT: 23.826 min Scan# 3546
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:252 Resp: 71535

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	5.4	4.6	6.8



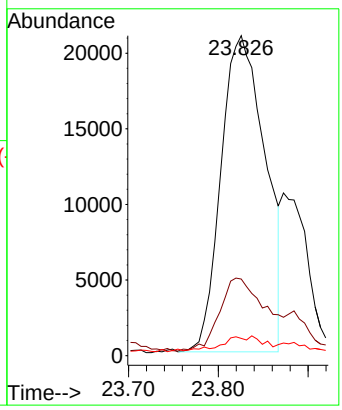


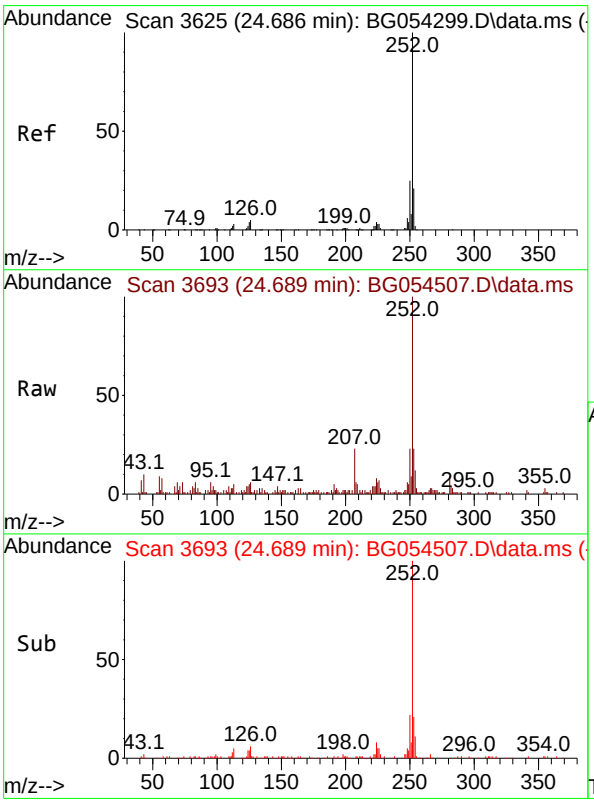
#89
Benzo(k)fluoranthene
Concen: 7.349 ng
RT: 23.826 min Scan# 3
Delta R.T. -0.062 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:252 Resp: 71535

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	5.4	4.8	7.2

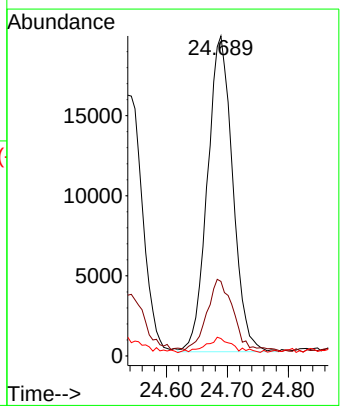


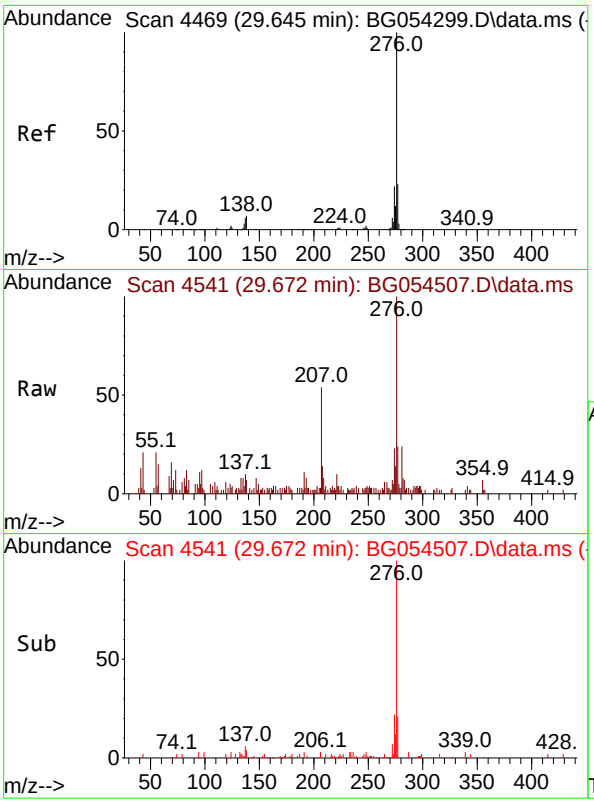


#90
Benzo(a)pyrene
Concen: 6.794 ng
RT: 24.689 min Scan# 3693
Delta R.T. 0.003 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Tgt Ion:252 Resp: 56755

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	5.4	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 4.306 ng
RT: 29.672 min Scan# 4
Delta R.T. 0.009 min
Lab File: BG054507.D
Acq: 3 Aug 2022 20:13

Instrument :
BNA_G
ClientSampleId :
RVE-147

Tgt Ion:276 Resp: 43970

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.3	25.9
138	7.0	9.6	14.4#