Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
Data File : BG054550.D
Acq On : 8 Aug 2022 12:38
Operator : CG/JU
Sample : N3961-16RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-182

Quant Time: Aug 08 14:52:00 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	7.977	152	18267	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	72908	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	56181	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	138344	20.000	ng	# 0.00
76) Chrysene-d12	21.632	240	151665	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	158920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	93756	107.161	ng	0.00
7) Phenol-d6	7.178	99	125357	104.566	ng	0.00
23) Nitrobenzene-d5	9.140	82	84374	63.021	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	111287	94.344	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	254085	63.800	ng	0.00
79) Terphenyl-d14	19.969	244	503691	65.884	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	426	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	9.140	70	12041	15.041	ng	# 79
51) 2,6-Dinitrotoluene	14.616	165	7815	8.119	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	7815	5.664	ng	# 21
67) 4-Bromophenyl-phenylether	16.115	248	6889	3.546	ng	# 1
71) Phenanthrene	17.407	178	37865	5.496	ng	97
72) Anthracene	17.407	178	37865	5.601	ng	100
75) Fluoranthene	19.416	202	73654	7.843	ng	95
77) Benzidine	19.975	184	6552	2.385	ng	# 91
78) Pyrene	19.781	202	98259	11.291	ng	99
81) Benzo(a)anthracene	21.614	228	50780	5.274	ng	93
83) Chrysene	21.673	228	57732	6.347	ng	95
87) Indeno(1,2,3-cd)pyrene	28.512	276	39131	3.237	ng	# 76
88) Benzo(b)fluoranthene	23.823	252	68834	7.324	ng	97
89) Benzo(k)fluoranthene	23.823	252	68834	7.359	ng	98
90) Benzo(a)pyrene	24.681	252	53132	6.620	ng	99
92) Benzo(g,h,i)perylene	29.675	276	47664	4.858	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
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Misc :
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Quant Time: Aug 08 14:52:00 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
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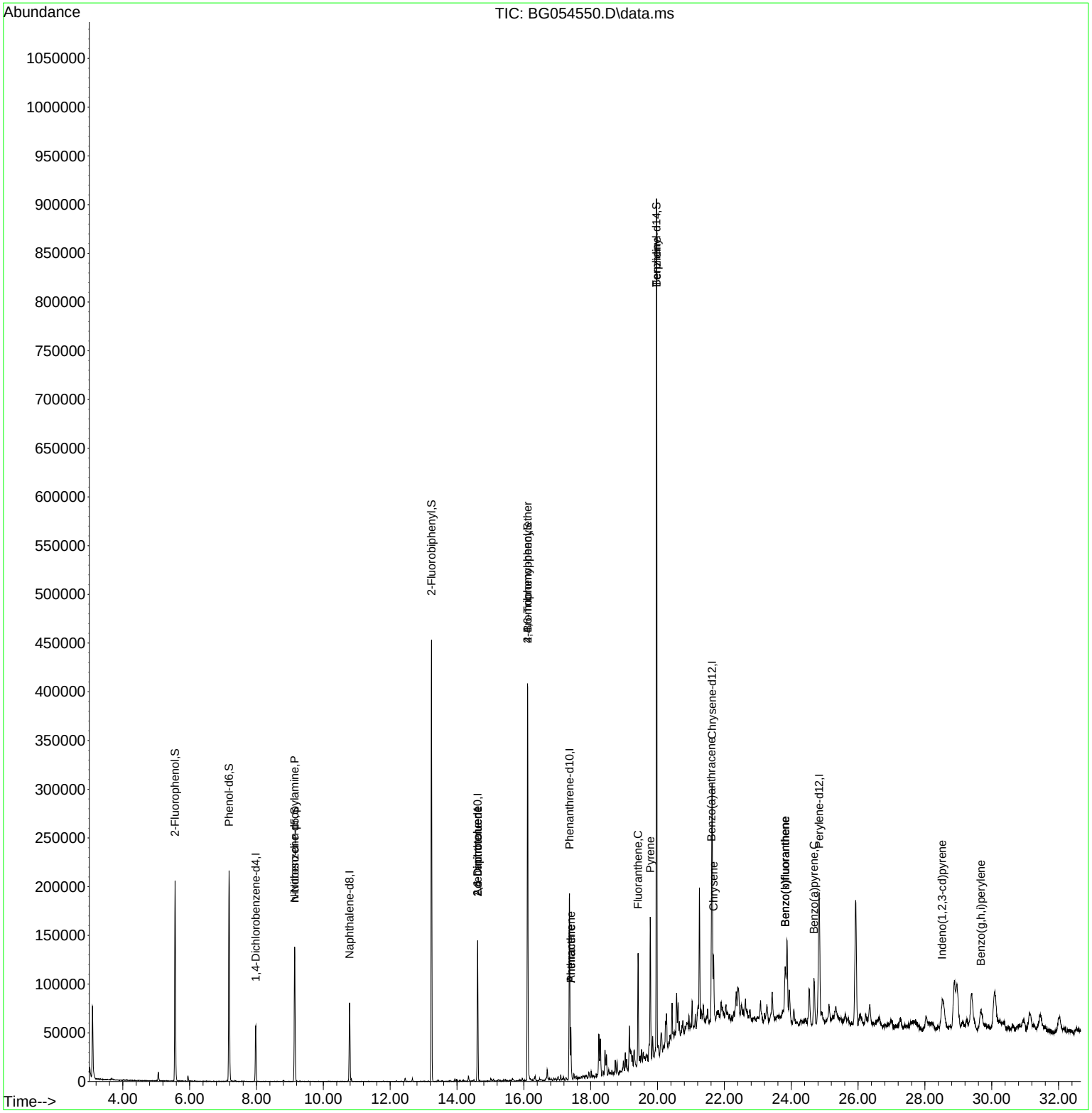
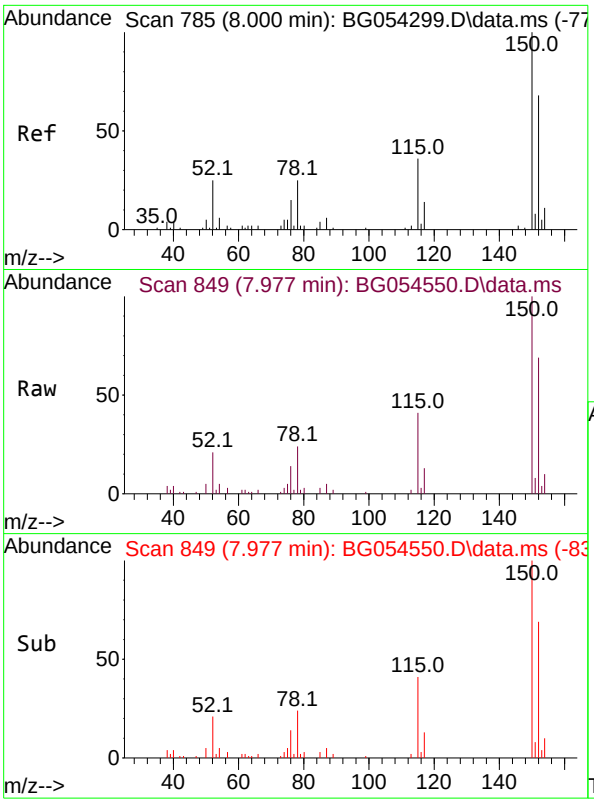


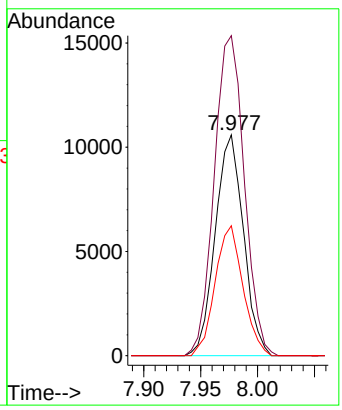


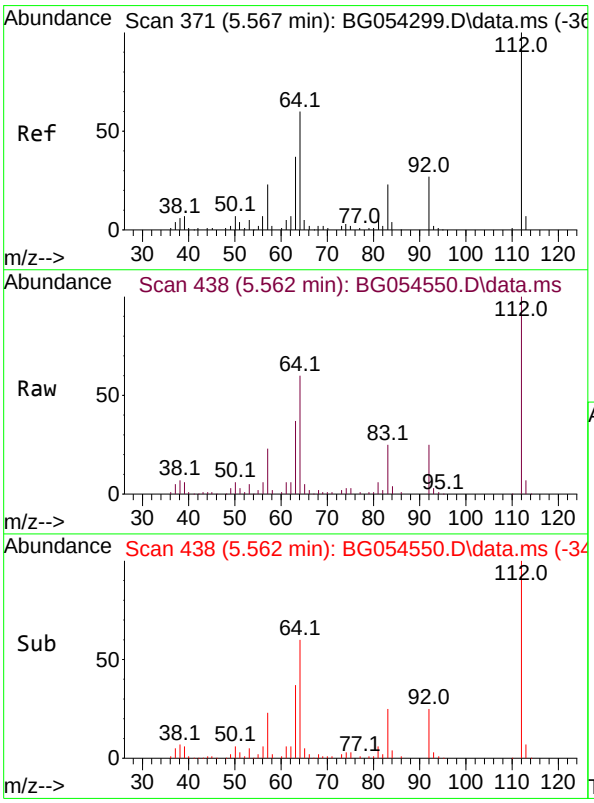
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.977 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:152 Resp: 18267

Ion	Ratio	Lower	Upper
152	100		
150	144.9	131.6	197.4
115	58.9	50.9	76.3

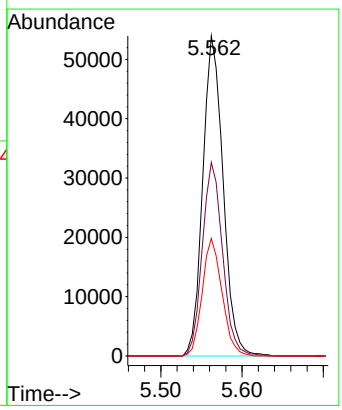


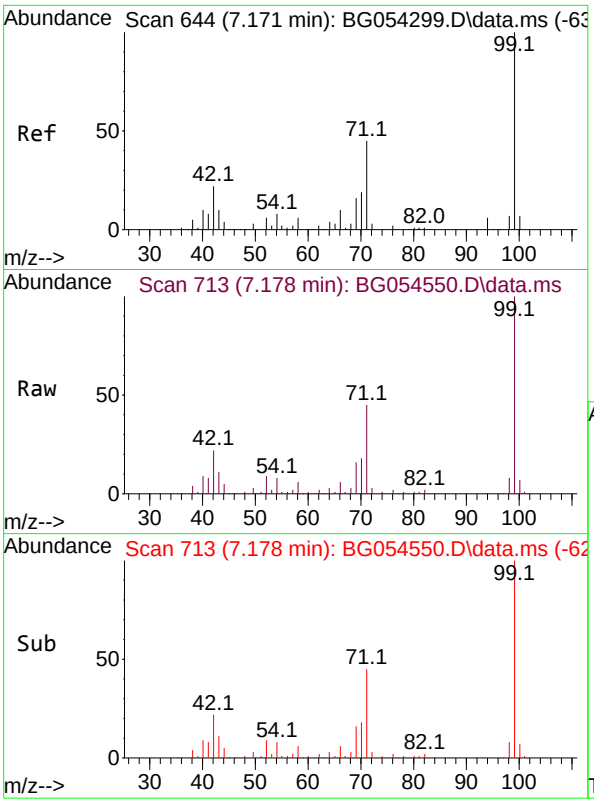


#5
2-Fluorophenol
Concen: 107.161 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:112 Resp: 93756

Ion	Ratio	Lower	Upper
112	100		
64	60.5	55.1	82.7
63	36.7	30.4	45.6



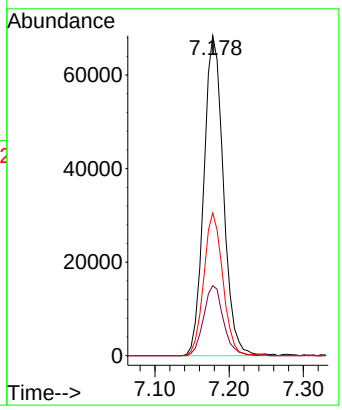


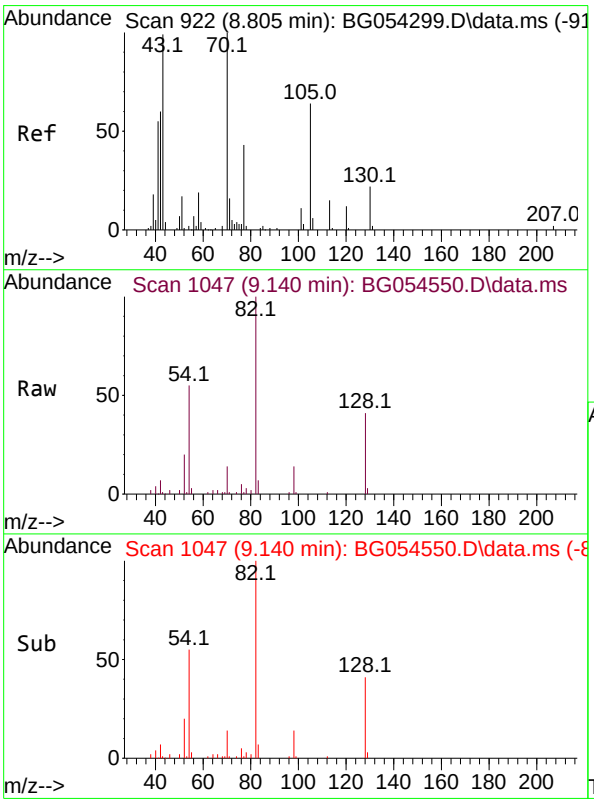
#7
Phenol-d6
Concen: 104.566 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion: 99 Resp: 125357

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	44.6	33.8	50.8

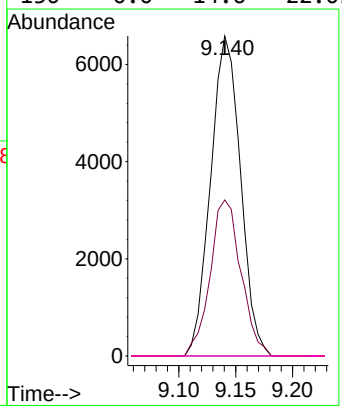


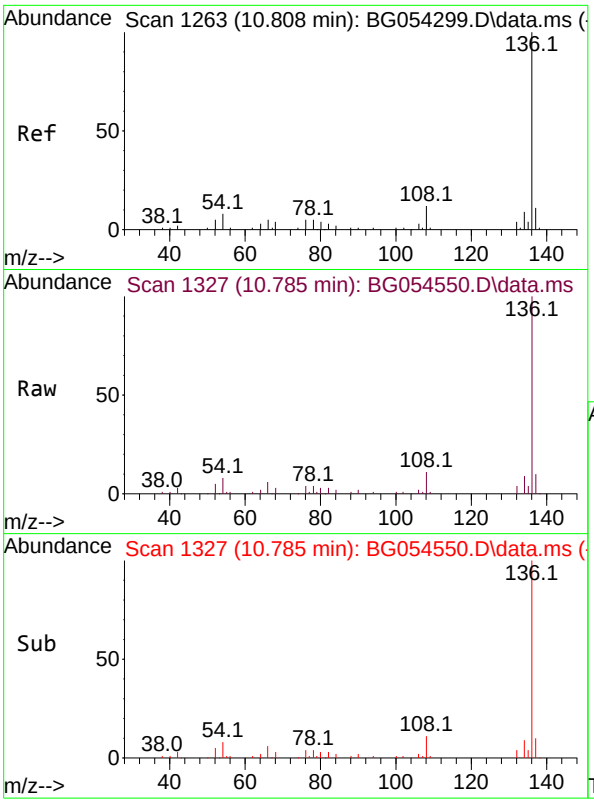


#19
n-Nitroso-di-n-propylamine
Concen: 15.041 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion: 70 Resp: 12041

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



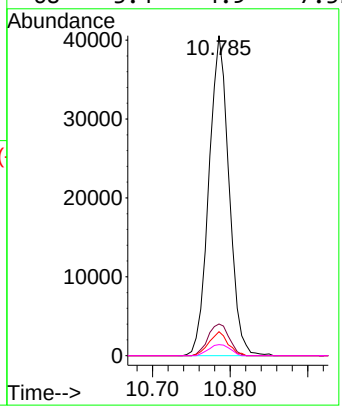


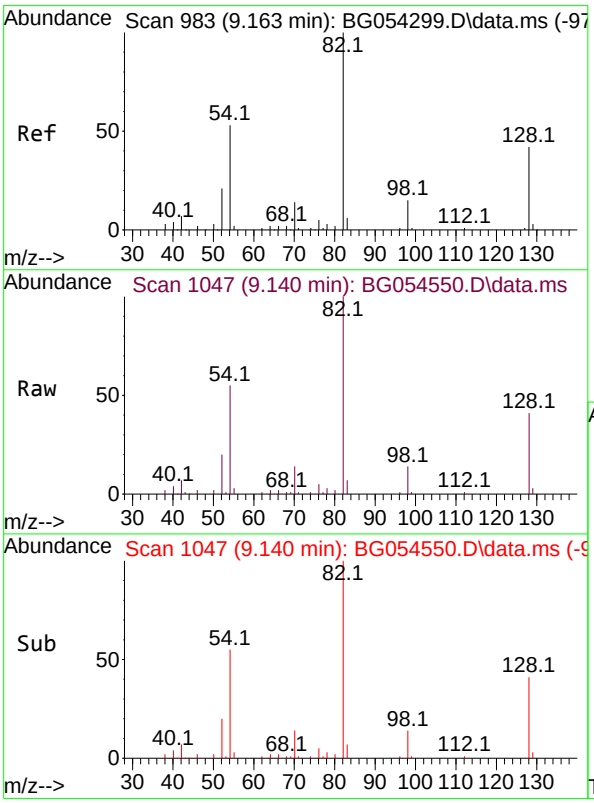
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:136 Resp: 72908

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	7.5	7.4	11.2
68	3.4	4.9	7.3#

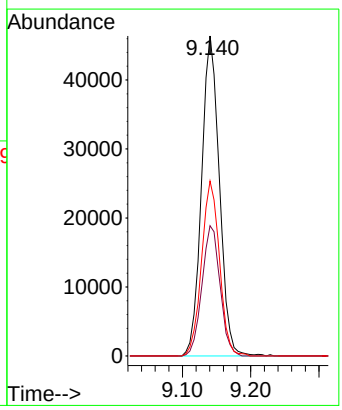


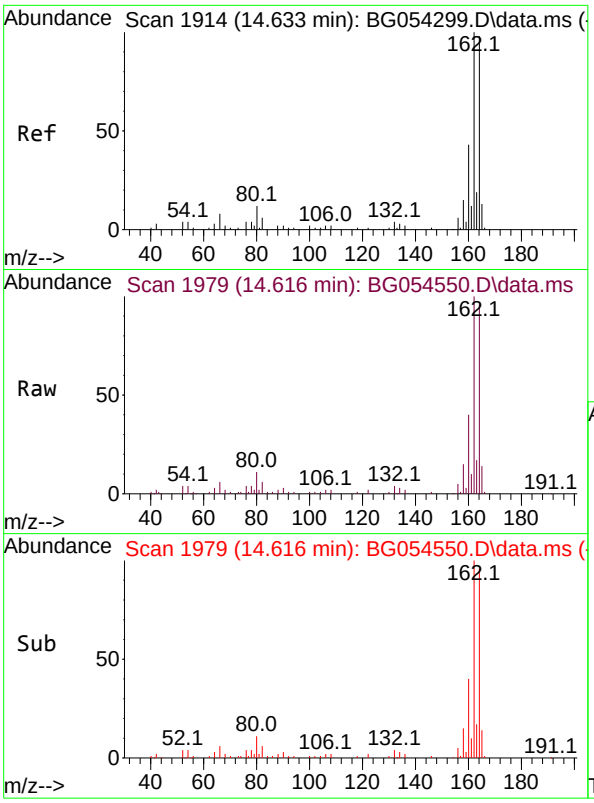


#23
Nitrobenzene-d5
Concen: 63.021 ng
RT: 9.140 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion: 82 Resp: 84374

Ion	Ratio	Lower	Upper
82	100		
128	40.7	27.9	41.9
54	54.7	41.2	61.8



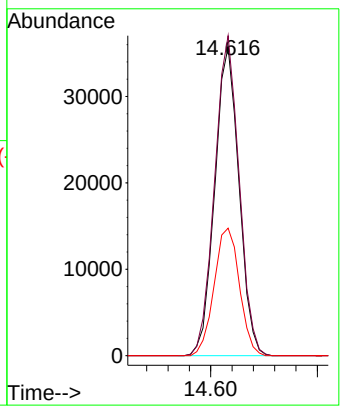


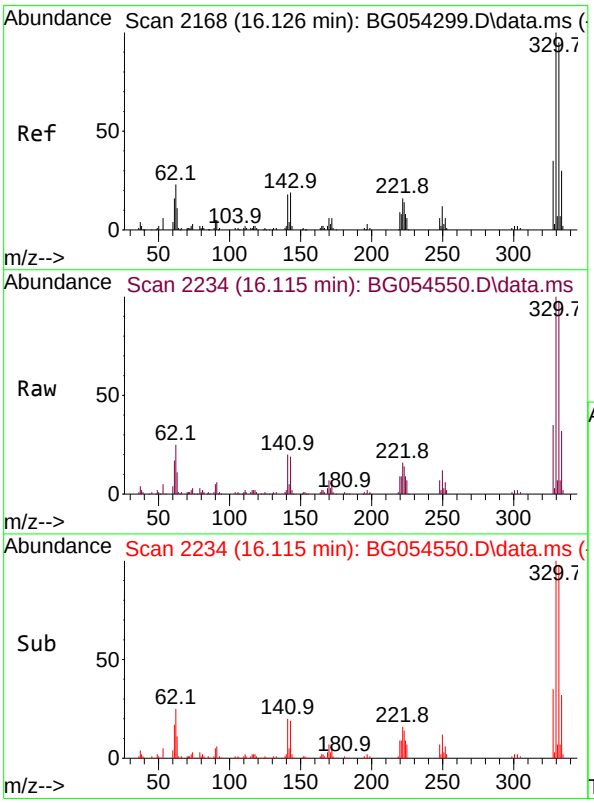
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:164 Resp: 56181

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.3	123.5
160	41.3	34.2	51.2

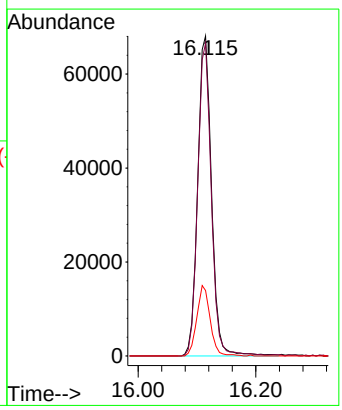


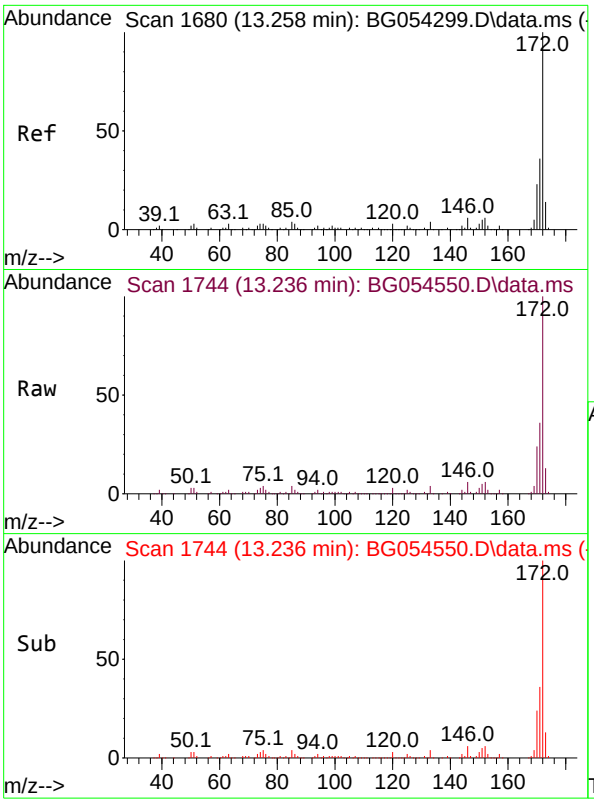


#42
2,4,6-Tribromophenol
Concen: 94.344 ng
RT: 16.115 min Scan# 2234
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:330 Resp: 111287

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	21.2	27.1	40.7#



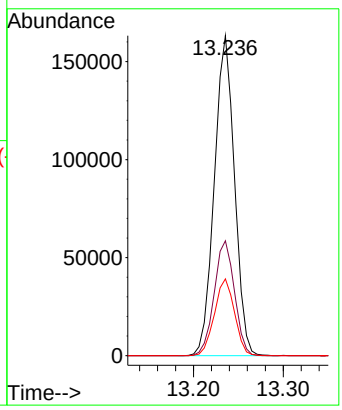


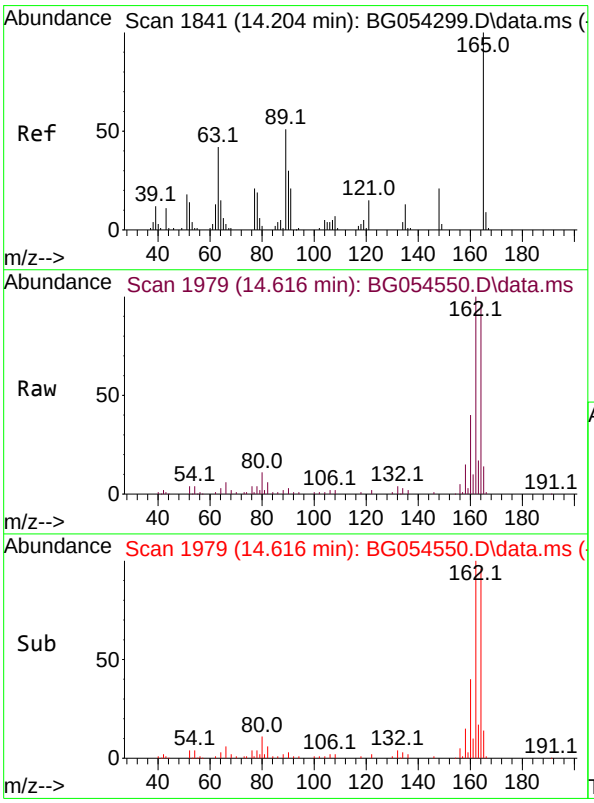
#45
2-Fluorobiphenyl
Concen: 63.800 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:172 Resp: 254085

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.0	18.9	28.3

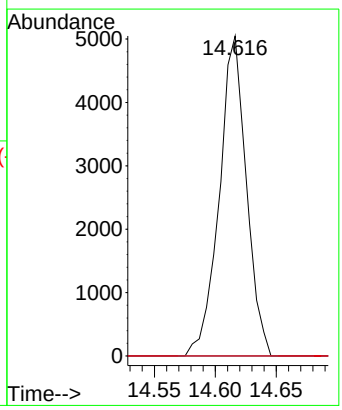


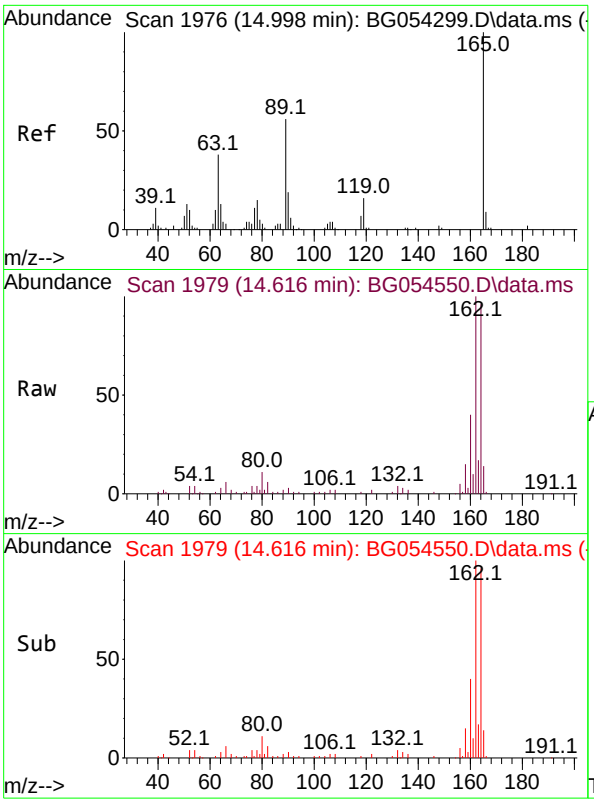


#51
2,6-Dinitrotoluene
Concen: 8.119 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.422 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:165 Resp: 7815

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



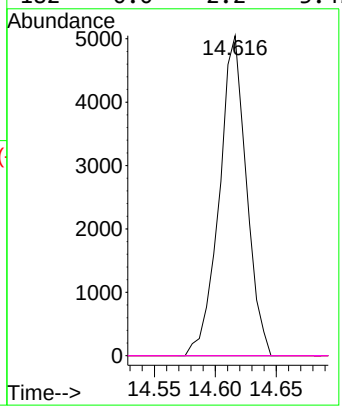


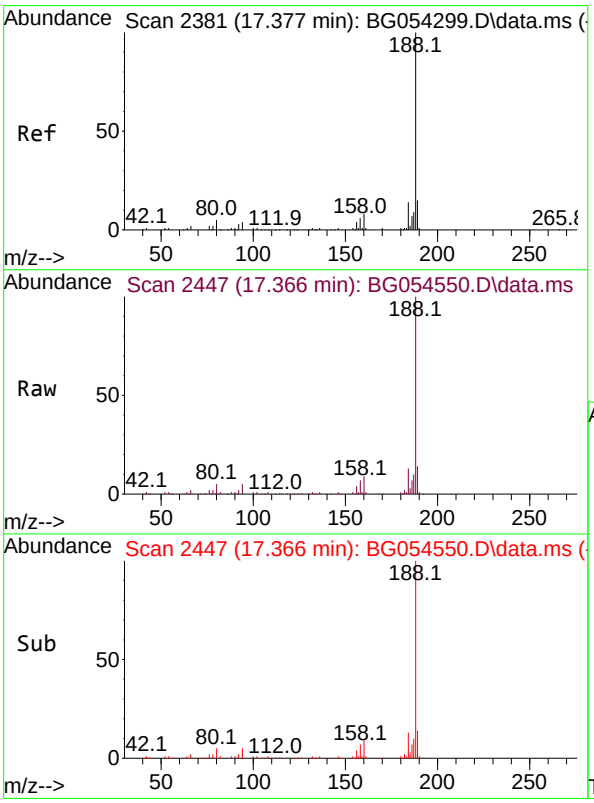
#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 14.616 min Scan# 1
Delta R.T. -0.377 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:165 Resp: 7815

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#

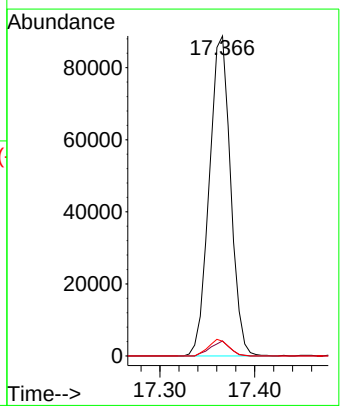


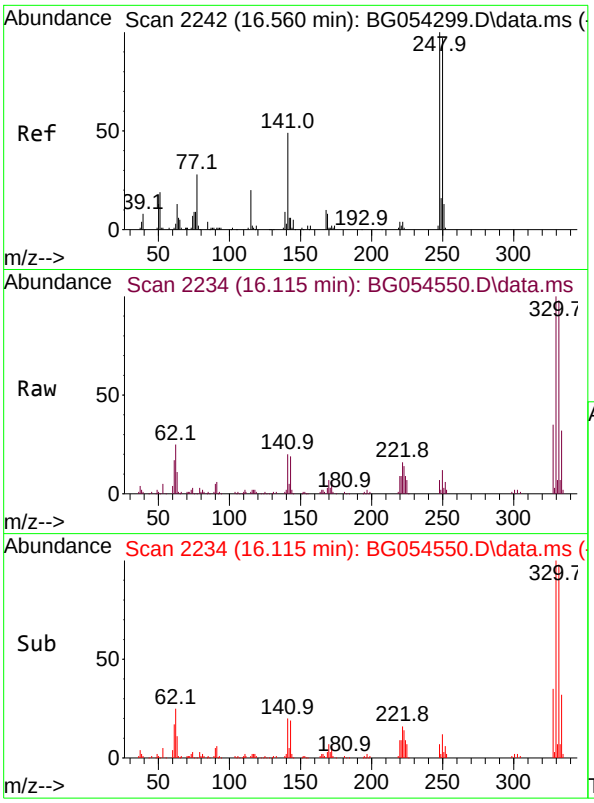


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. 0.005 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:188 Resp: 138344

Ion	Ratio	Lower	Upper
188	100		
94	4.7	5.4	8.0#
80	4.6	6.8	10.2#



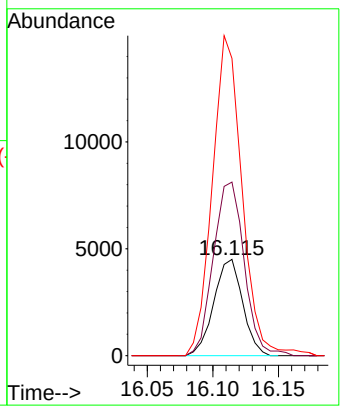


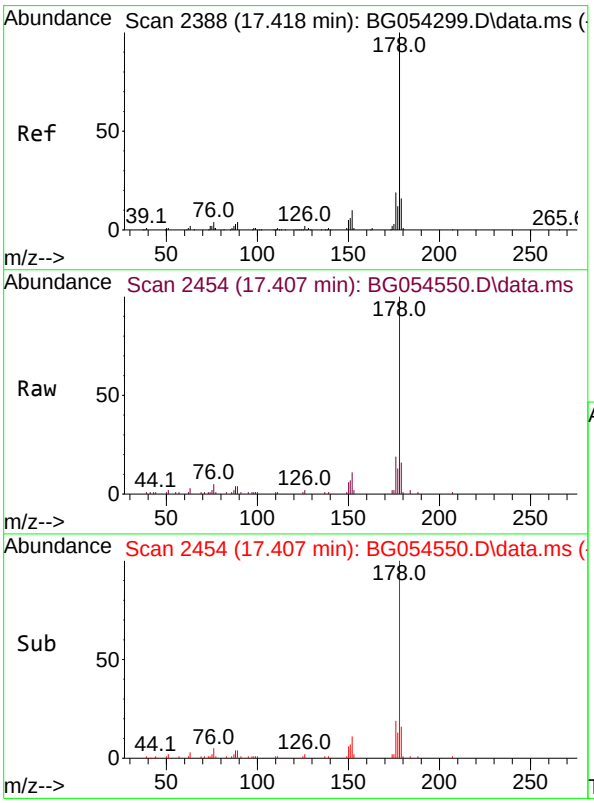
#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 16.115 min Scan# 2
Delta R.T. -0.430 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:248 Resp: 6889

Ion	Ratio	Lower	Upper
248	100		
250	140.3	75.2	112.8#
141	240.4	50.0	75.0#

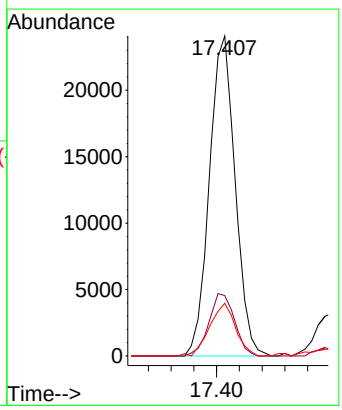


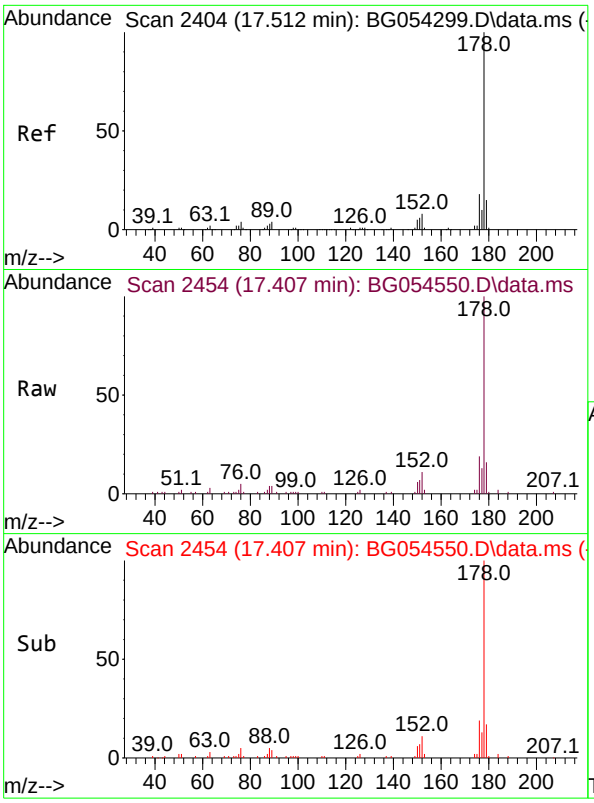


#71
Phenanthrene
Concen: 5.496 ng
RT: 17.407 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:178 Resp: 37865

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	16.5	12.1	18.1



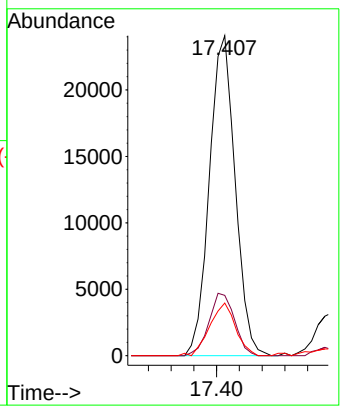


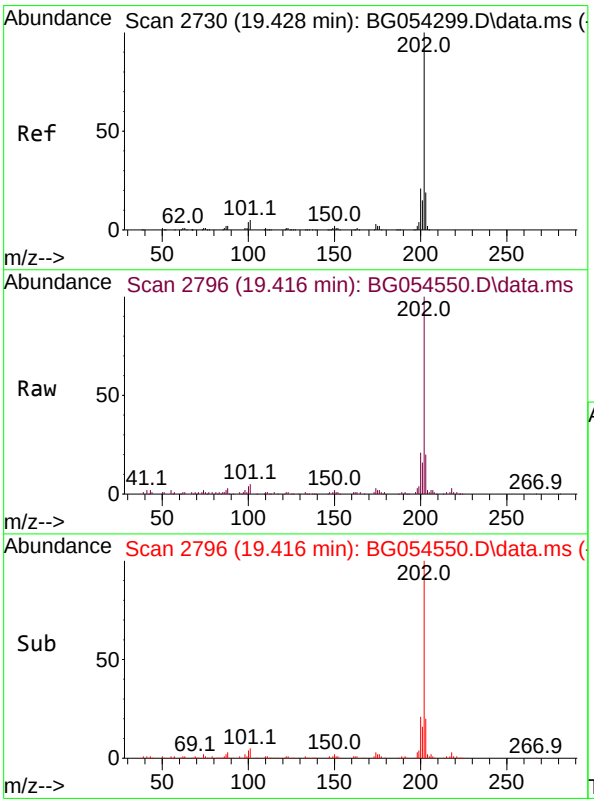
#72
Anthracene
Concen: 5.601 ng
RT: 17.407 min Scan# 24
Delta R.T. -0.089 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:178 Resp: 37865

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	16.5	13.0	19.4

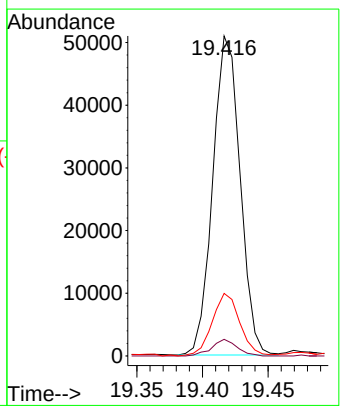


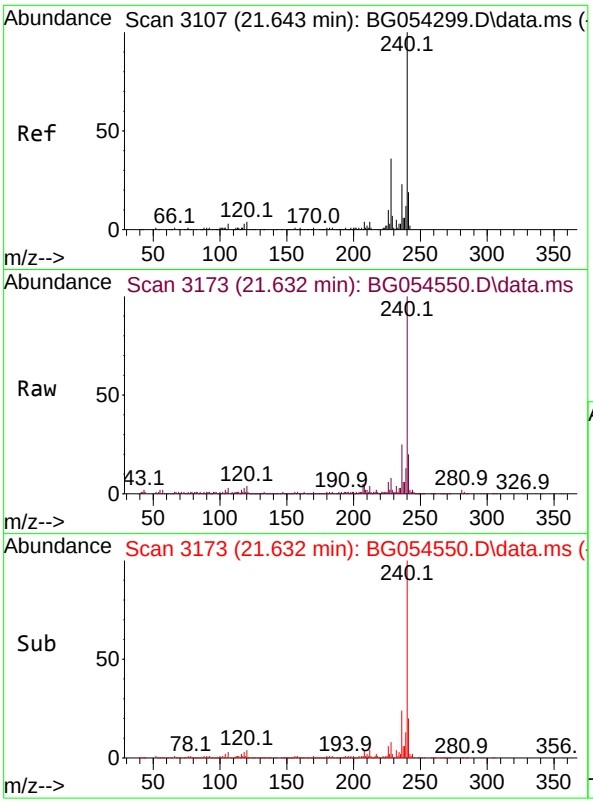


#75
Fluoranthene
Concen: 7.843 ng
RT: 19.416 min Scan# 2796
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:202 Resp: 73654

Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	26.9
203	19.6	0.0	37.2



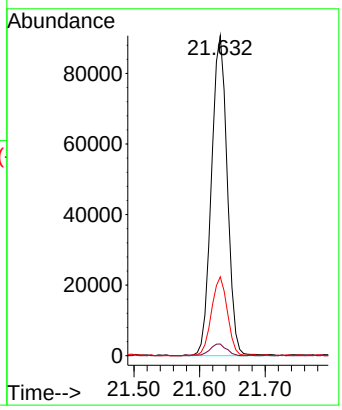


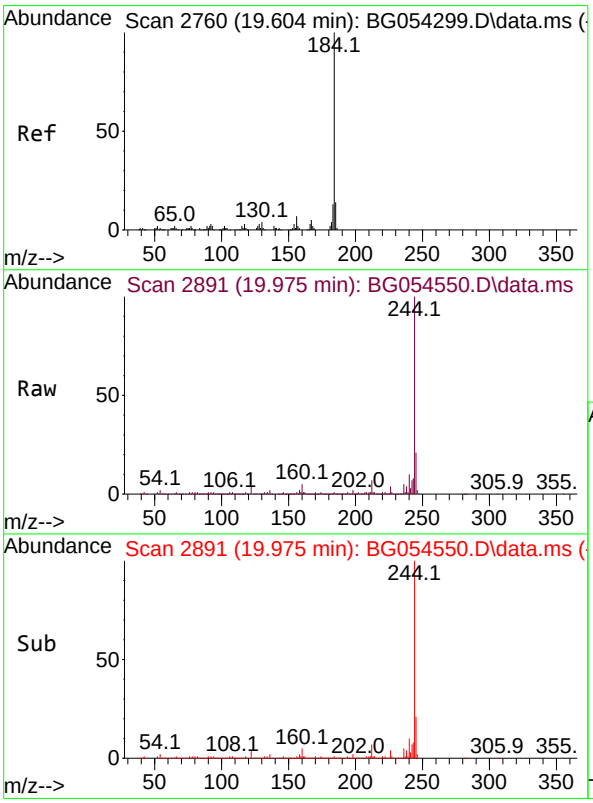
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:240 Resp: 151665

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.7	20.2	30.4

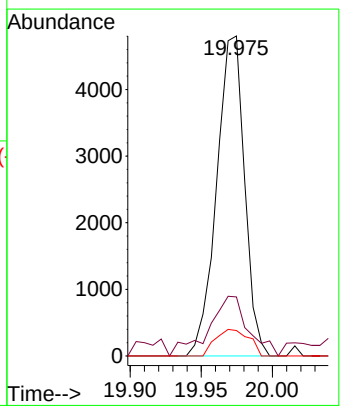


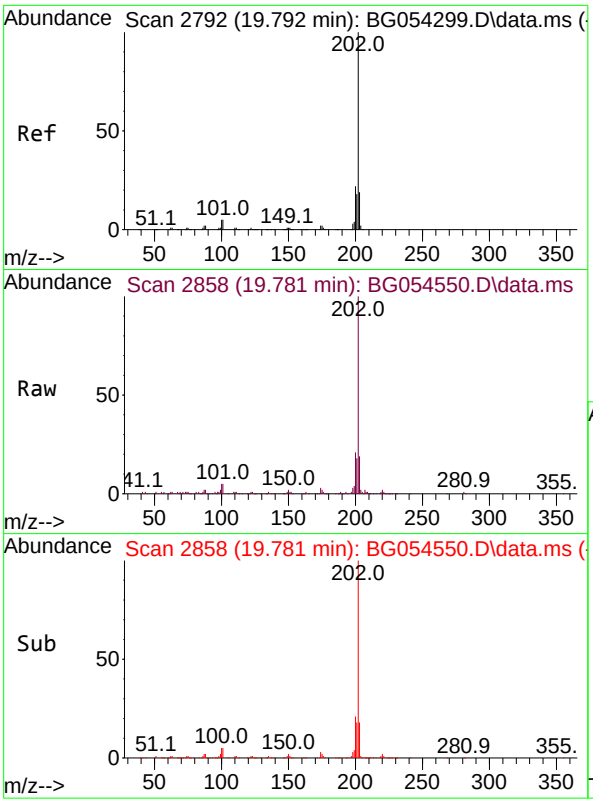


#77
Benzidine
Concen: 2.385 ng
RT: 19.975 min Scan# 2891
Delta R.T. 0.381 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:184 Resp: 6552

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.8	17.6#
183	8.0	8.9	13.3#



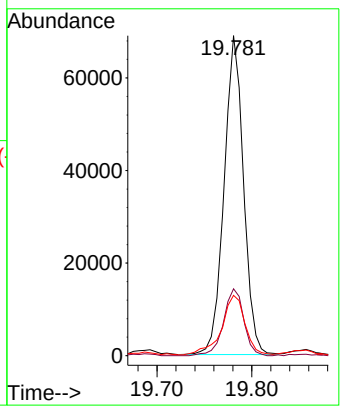


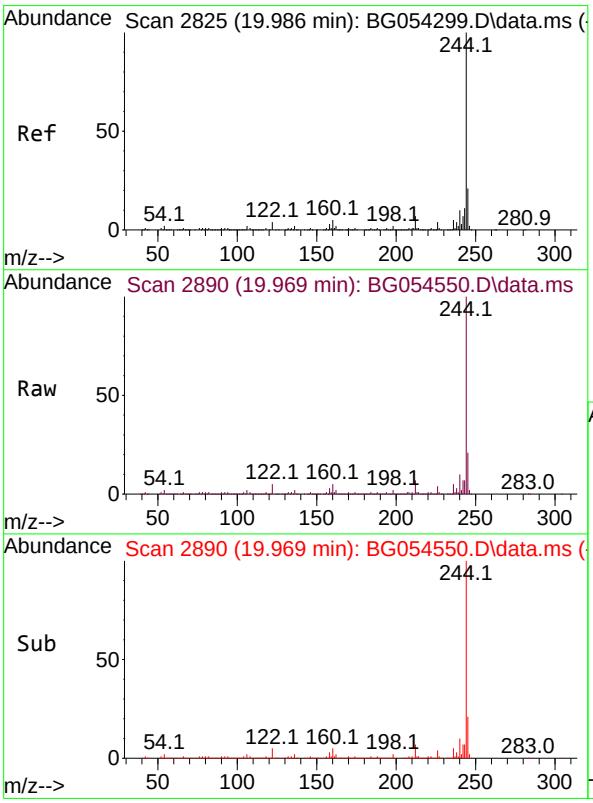
#78
Pyrene
Concen: 11.291 ng
RT: 19.781 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:202 Resp: 98259

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.9	14.6	21.8

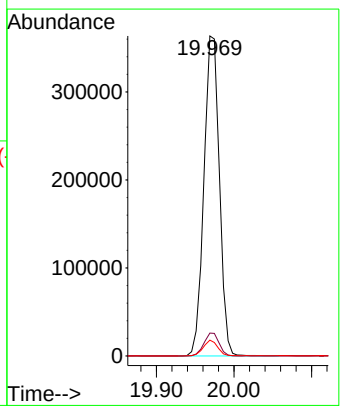


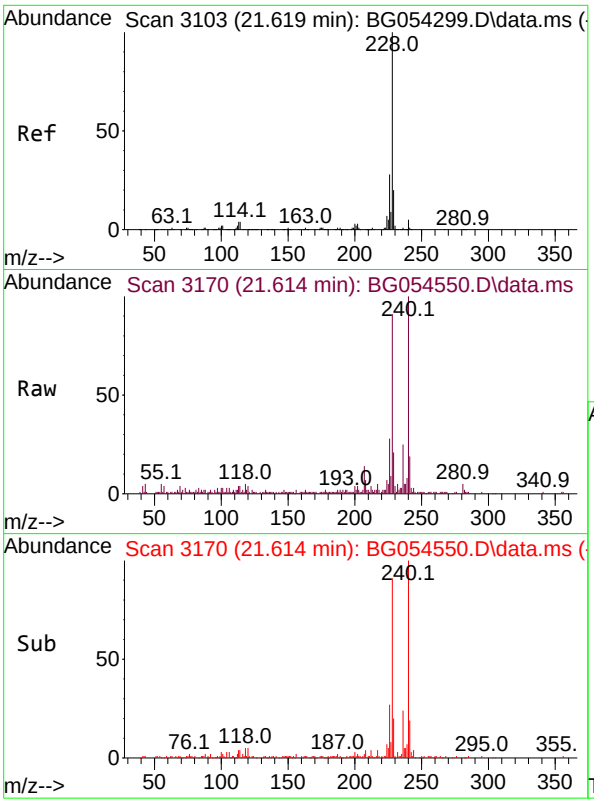


#79
Terphenyl-d14
Concen: 65.884 ng
RT: 19.969 min Scan# 2890
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:244 Resp: 503691

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



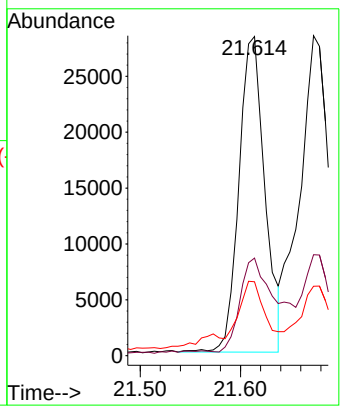


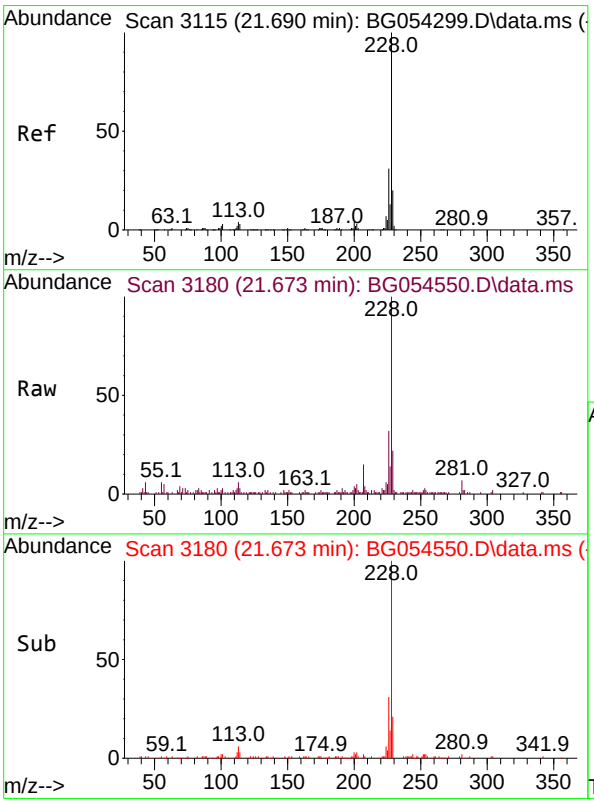
#81
Benzo(a)anthracene
Concen: 5.274 ng
RT: 21.614 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:228 Resp: 50780

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.6	32.4
229	23.2	16.2	24.2

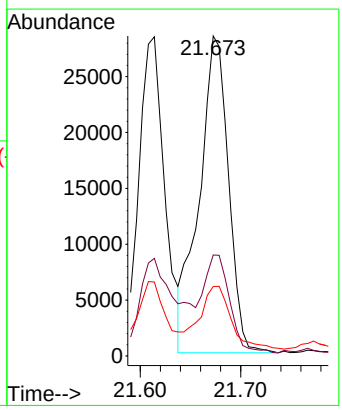


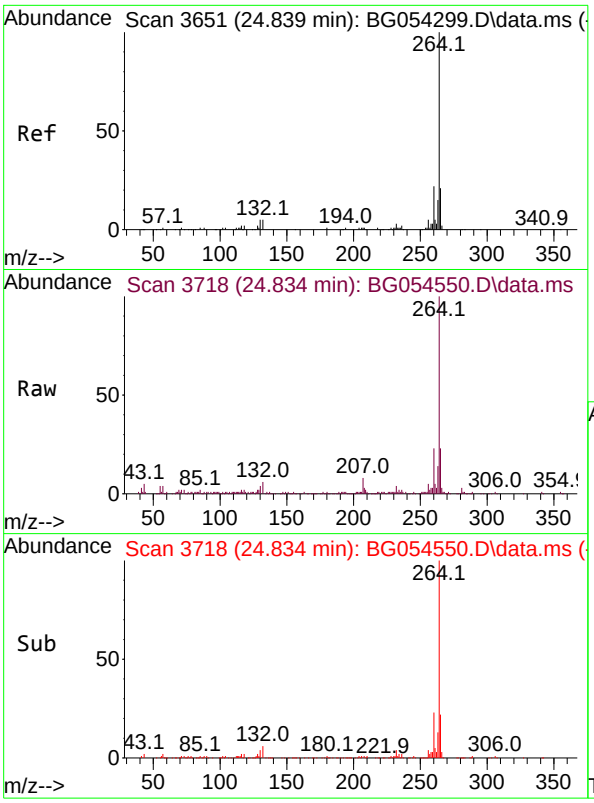


#83
Chrysene
Concen: 6.347 ng
RT: 21.673 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:228 Resp: 57732

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	21.7	15.5	23.3



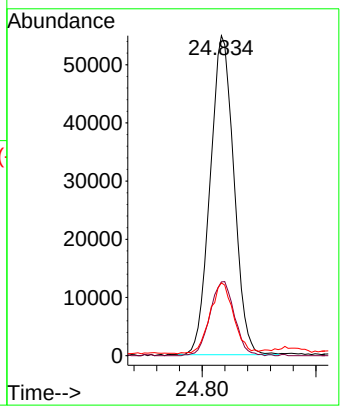


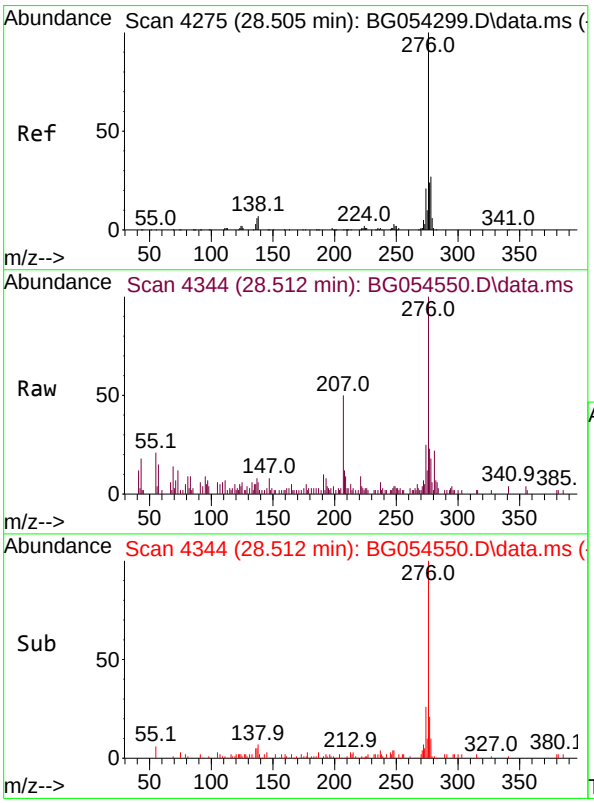
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.834 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:264 Resp: 158920

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	22.8	17.4	26.2

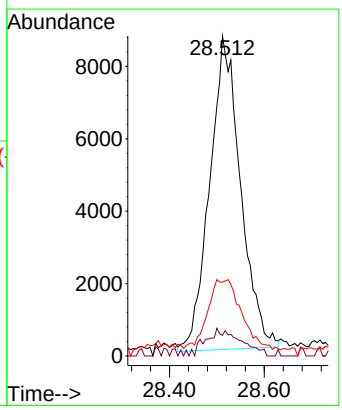


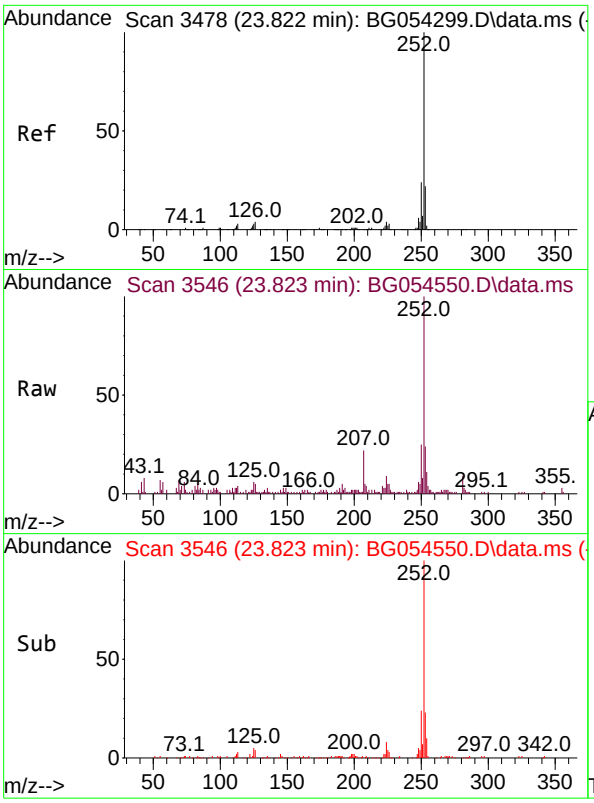


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.237 ng
RT: 28.512 min Scan# 4344
Delta R.T. -0.019 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:276 Resp: 39131

Ion	Ratio	Lower	Upper
276	100		
138	4.7	5.0	7.4#
277	11.0	20.3	30.5#



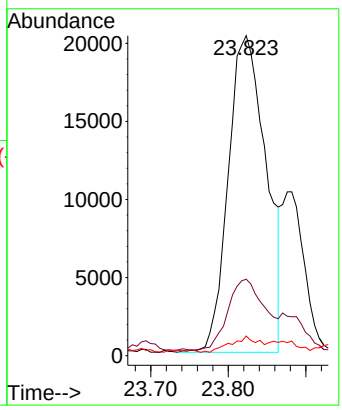


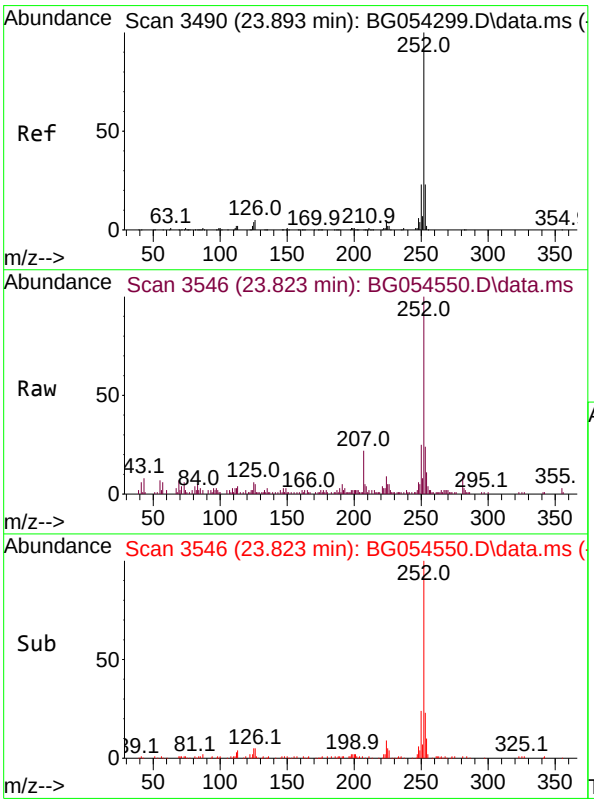
#88
Benzo(b)fluoranthene
Concen: 7.324 ng
RT: 23.823 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:252 Resp: 68834

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	6.2	4.6	6.8

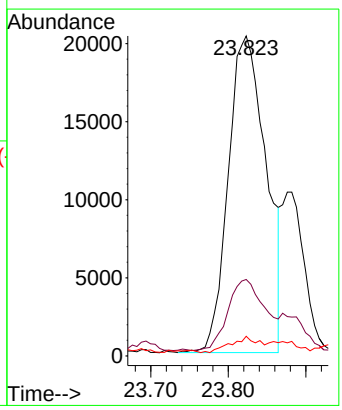


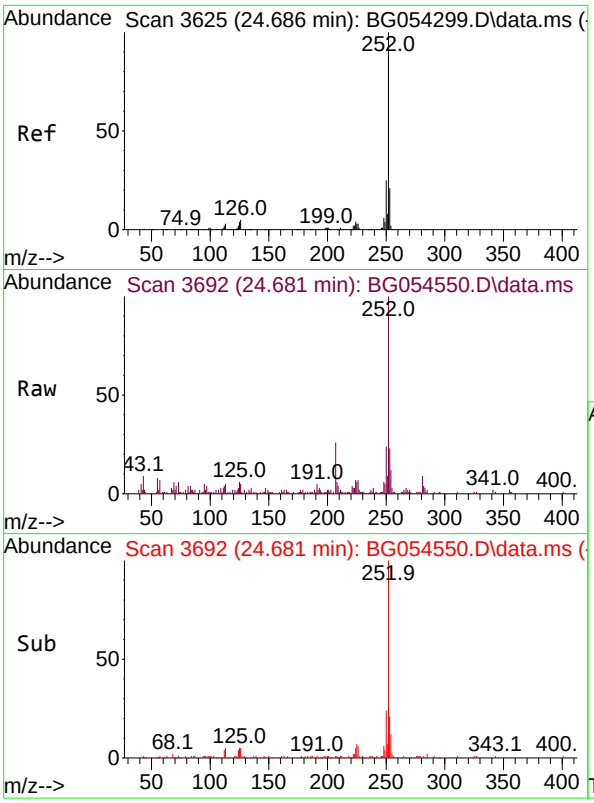


#89
Benzo(k)fluoranthene
Concen: 7.359 ng
RT: 23.823 min Scan# 3546
Delta R.T. -0.060 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:252 Resp: 68834

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	6.2	4.8	7.2



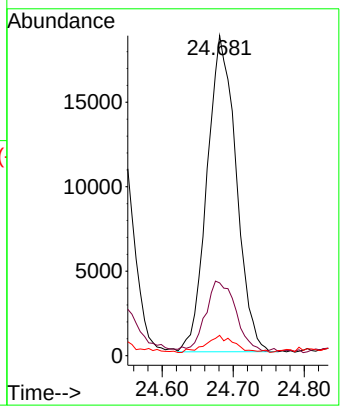


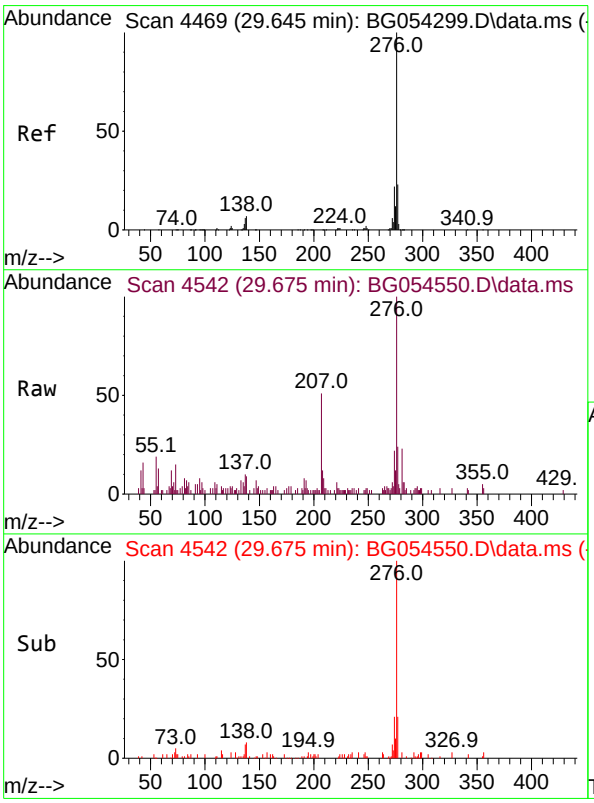
#90
Benzo(a)pyrene
Concen: 6.620 ng
RT: 24.681 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Instrument :
BNA_G
ClientSampleId :
RVE-182

Tgt Ion:252 Resp: 53132

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	6.3	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 4.858 ng
RT: 29.675 min Scan# 4542
Delta R.T. -0.001 min
Lab File: BG054550.D
Acq: 8 Aug 2022 12:38

Tgt Ion:276 Resp: 47664

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.3	25.9
138	9.0	9.6	14.4#