Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
Data File : BG054551.D
Acq On : 8 Aug 2022 13:19
Operator : CG/JU
Sample : N3960-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-166

Quant Time: Aug 08 14:52:24 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	7.979	152	17580	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	65968	20.000	ng	#	0.00
39) Acenaphthene-d10	14.618	164	49566	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	126806	20.000	ng	#	0.00
76) Chrysene-d12	21.633	240	141606	20.000	ng	#	0.00
86) Perylene-d12	24.836	264	149596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.570	112	95163	113.020	ng		0.00
7) Phenol-d6	7.180	99	125588	108.852	ng		0.00
23) Nitrobenzene-d5	9.142	82	87650	72.356	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	112976	108.558	ng		0.00
45) 2-Fluorobiphenyl	13.237	172	254480	72.427	ng		0.00
79) Terphenyl-d14	19.971	244	551164	77.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.102	88	1184	3.535	ng	#	1
9) Benzaldehyde	7.186	77	61	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.142	70	12486	16.206	ng	#	85
51) 2,6-Dinitrotoluene	14.618	165	6702	7.892	ng	#	16
57) 2,4-Dinitrotoluene	14.618	165	6702	5.505	ng	#	21
67) 4-Bromophenyl-phenylether	16.116	248	6844	3.843	ng	#	1
71) Phenanthrene	17.403	178	18500	2.930	ng		97
72) Anthracene	17.403	178	18500	2.985	ng		99
75) Fluoranthene	19.418	202	50578	5.876	ng		97
77) Benzidine	19.971	184	7149	2.788	ng	#	95
78) Pyrene	19.783	202	68147	8.387	ng		96
81) Benzo(a)anthracene	21.675	228	42385	4.715	ng		92
83) Chrysene	21.675	228	42385	4.991	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.520	276	32189	2.828	ng	#	94
88) Benzo(b)fluoranthene	23.819	252	71109	8.038	ng		98
89) Benzo(k)fluoranthene	23.819	252	71109	8.076	ng		98
90) Benzo(a)pyrene	24.683	252	42393	5.611	ng		99
92) Benzo(g,h,i)perylene	29.671	276	38350	4.152	ng	#	90

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

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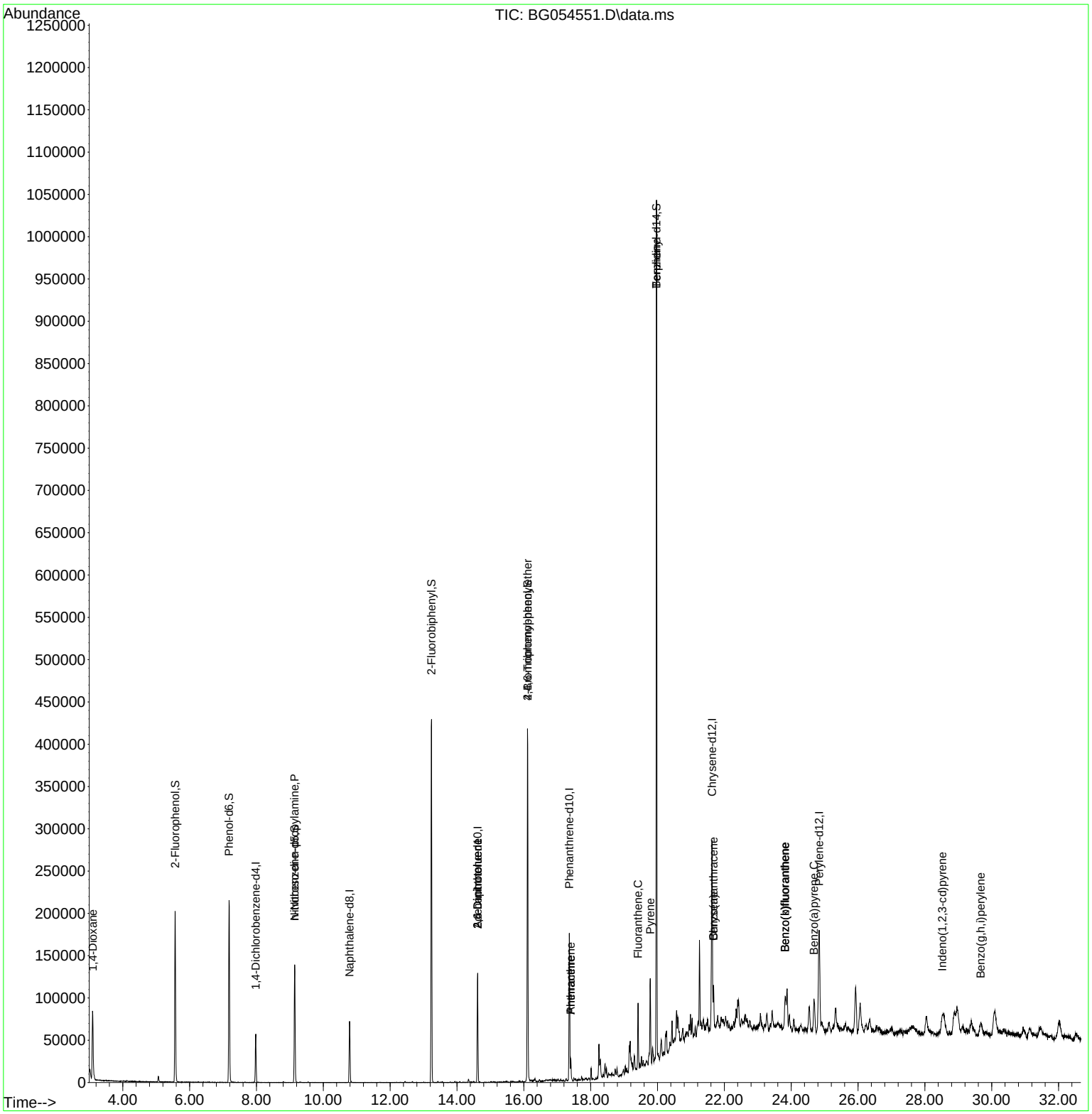
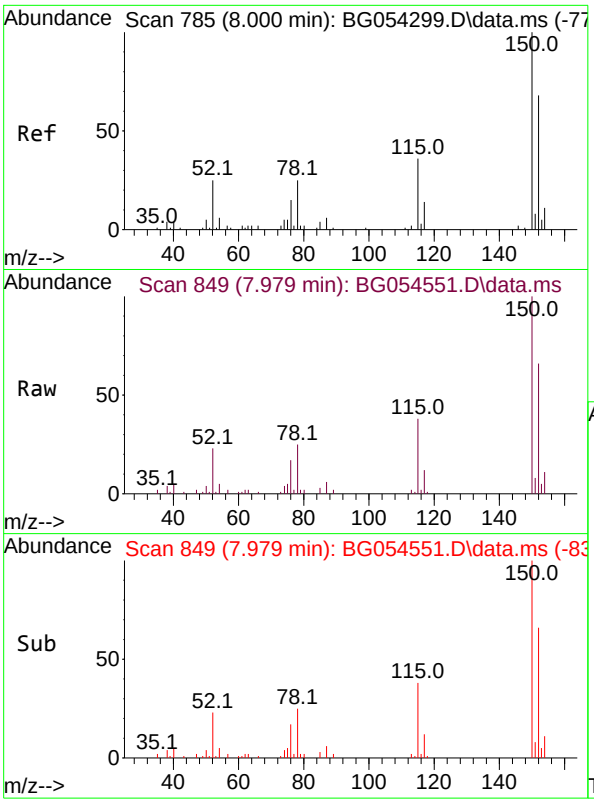


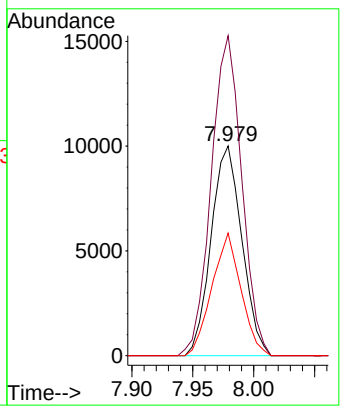


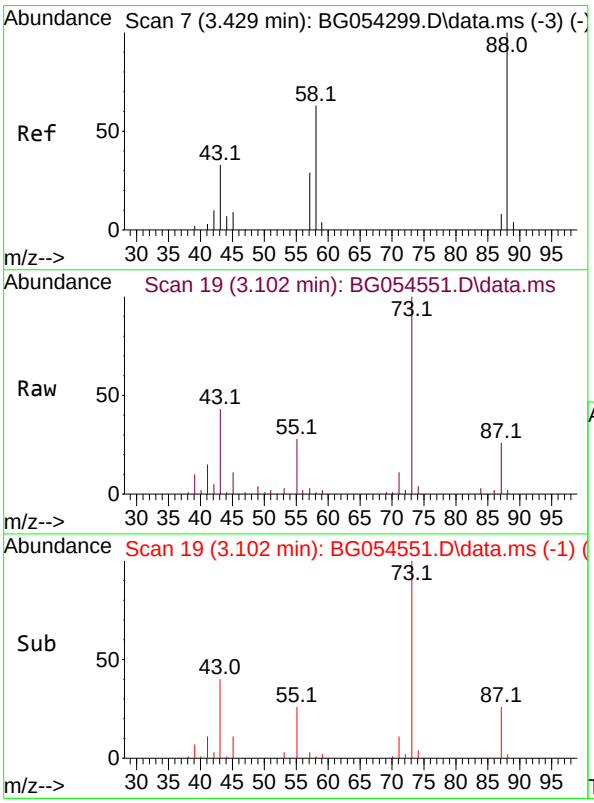
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:152 Resp: 17580

Ion	Ratio	Lower	Upper
152	100		
150	152.5	131.6	197.4
115	58.4	50.9	76.3

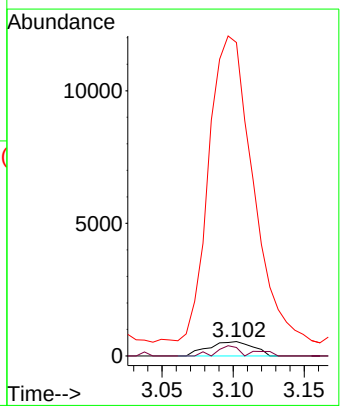


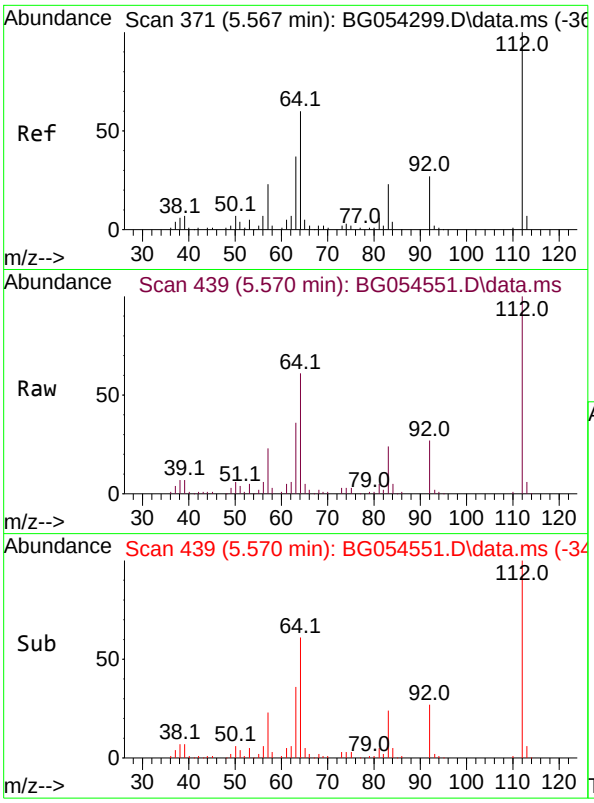


#2
1,4-Dioxane
Concen: 3.535 ng
RT: 3.102 min Scan# 19
Delta R.T. -0.293 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion: 88 Resp: 1184

Ion	Ratio	Lower	Upper
88	100		
58	33.0	59.2	88.8#
43	2109.9	24.3	36.5#



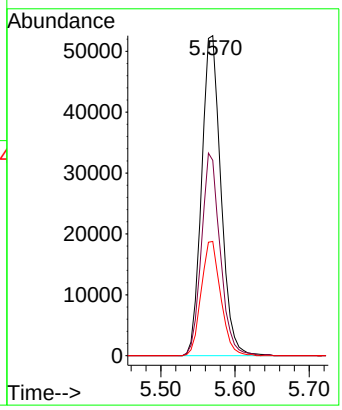


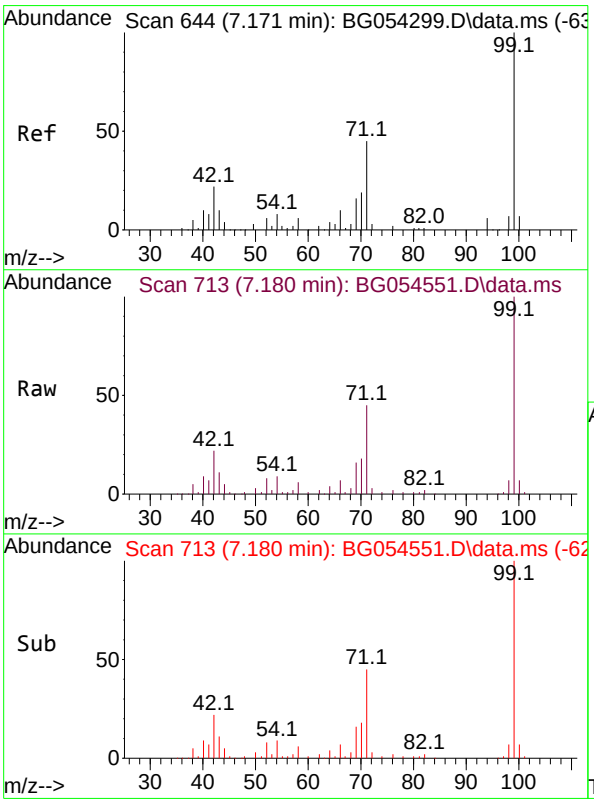
#5
2-Fluorophenol
Concen: 113.020 ng
RT: 5.570 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:112 Resp: 95163

Ion	Ratio	Lower	Upper
112	100		
64	61.1	55.1	82.7
63	35.7	30.4	45.6

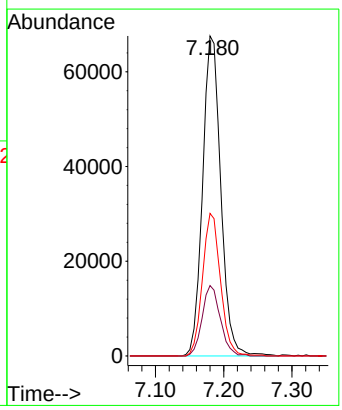


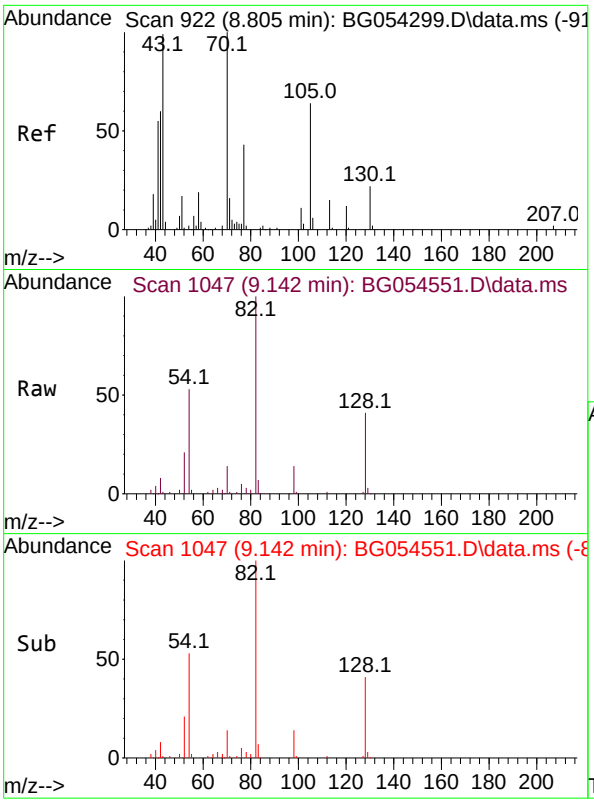


#7
Phenol-d6
Concen: 108.852 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion: 99 Resp: 125588

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	44.6	33.8	50.8



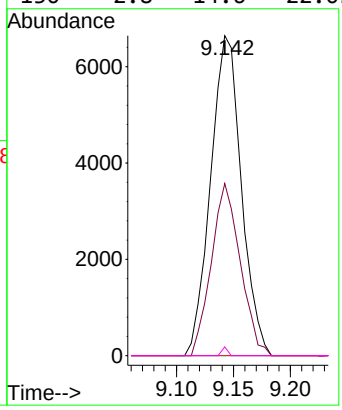


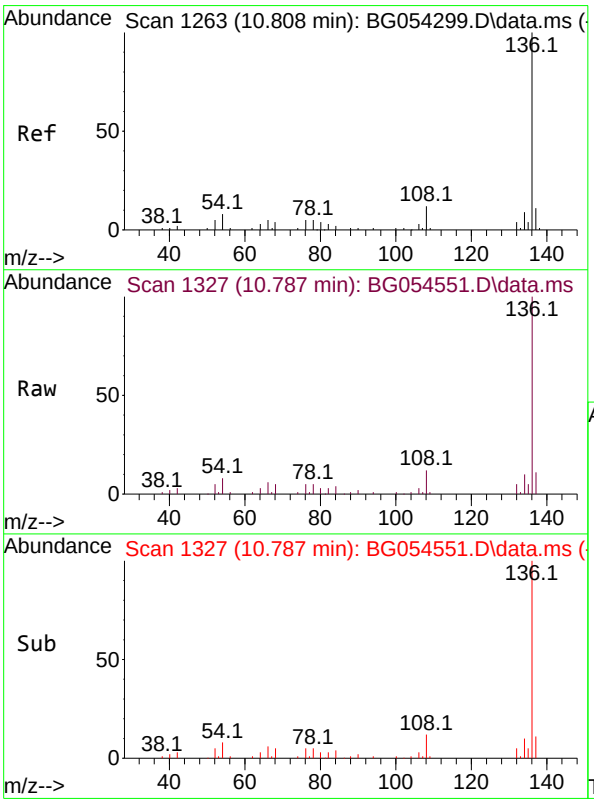
#19
n-Nitroso-di-n-propylamine
Concen: 16.206 ng
RT: 9.142 min Scan# 1
Delta R.T. 0.359 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion: 70 Resp: 12486

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.3	70.9
101	0.0	7.0	10.4#
130	2.8	14.6	22.0#

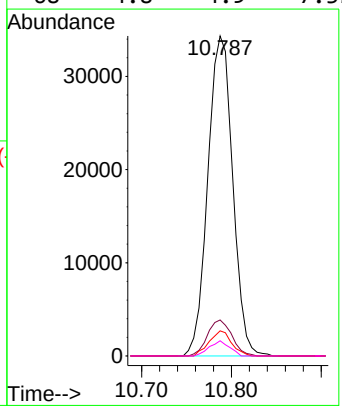


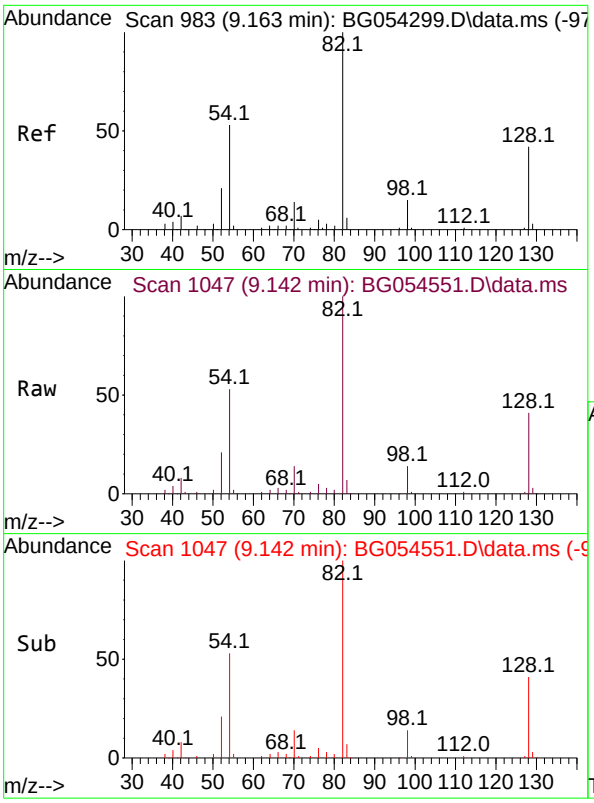


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:136 Resp: 65968

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.9	7.4	11.2
68	4.8	4.9	7.3#



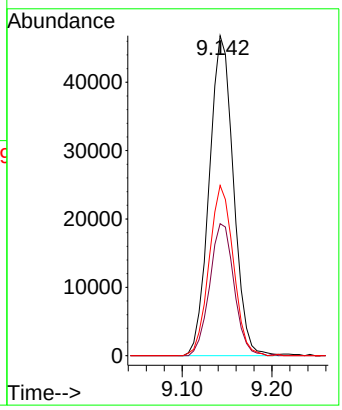


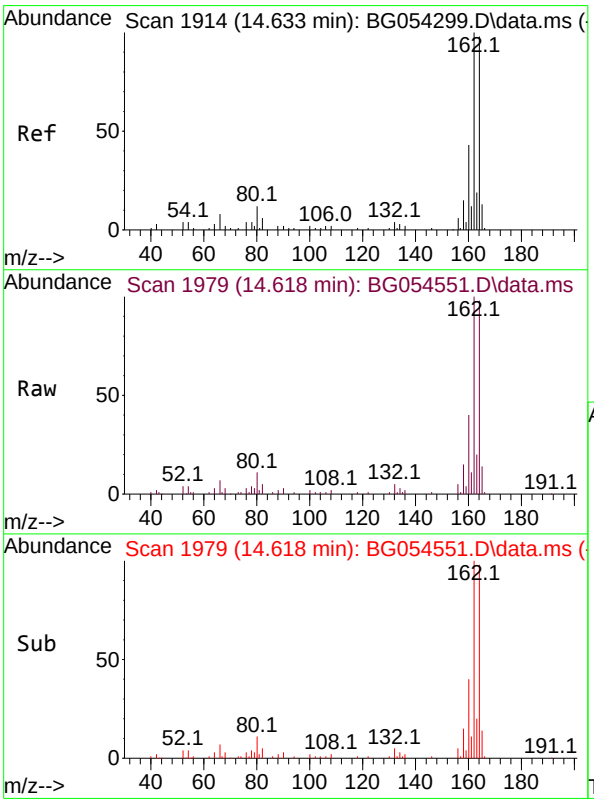
#23
Nitrobenzene-d5
Concen: 72.356 ng
RT: 9.142 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion: 82 Resp: 87650

Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.9	41.9
54	53.2	41.2	61.8

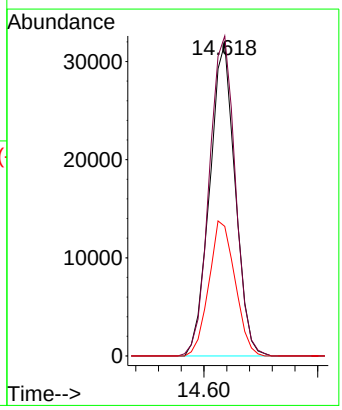


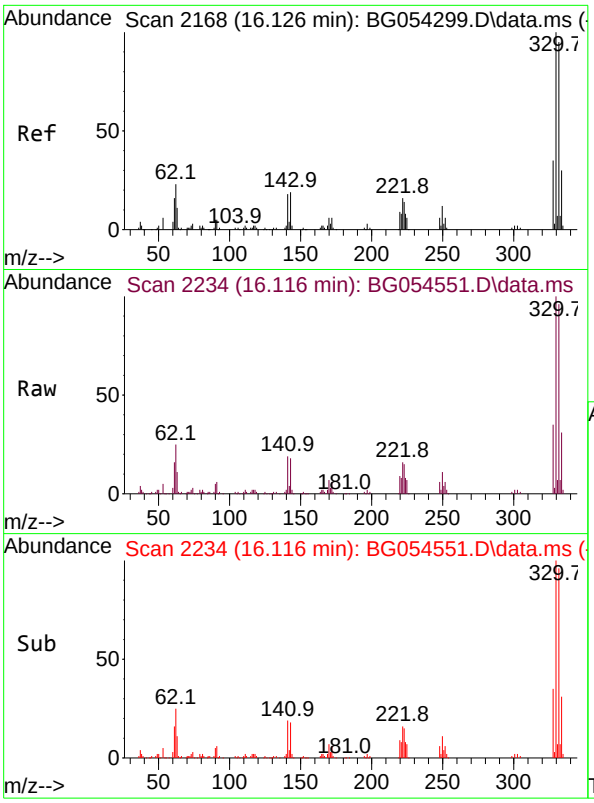


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:164 Resp: 49566

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.3	123.5
160	41.4	34.2	51.2



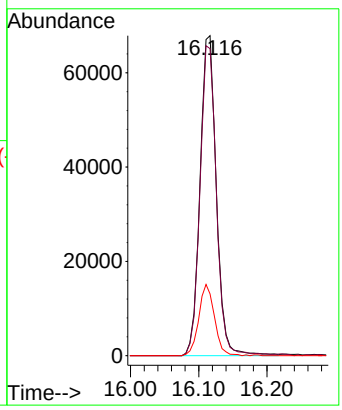


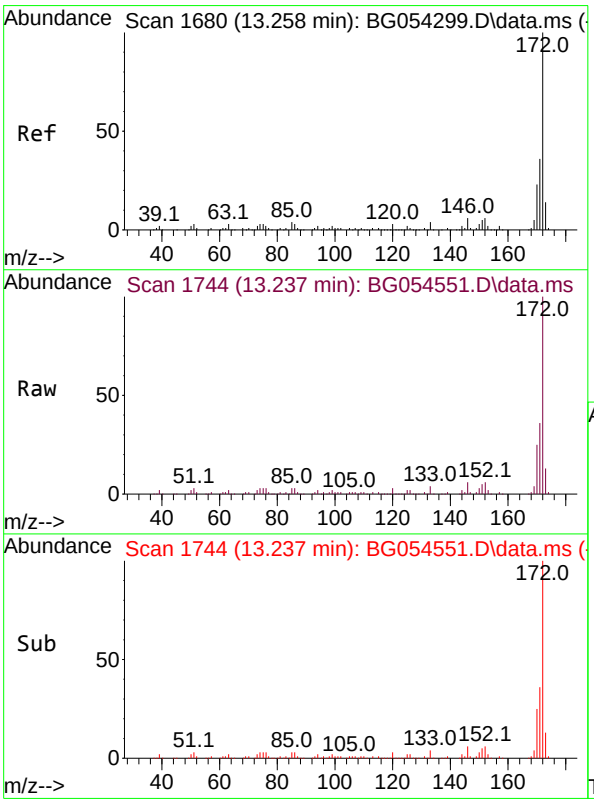
#42
2,4,6-Tribromophenol
Concen: 108.558 ng
RT: 16.116 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:330 Resp: 112976

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	21.3	27.1	40.7#

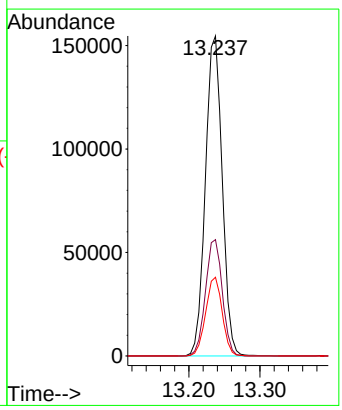


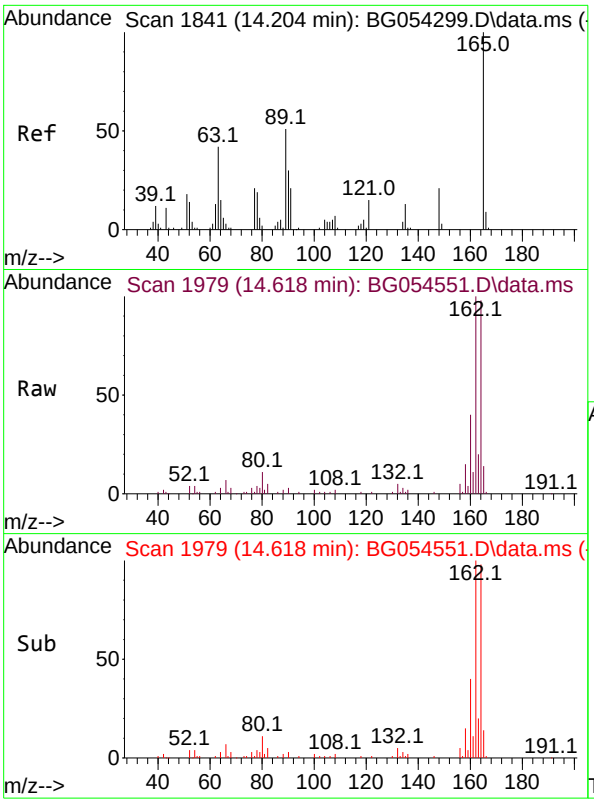


#45
2-Fluorobiphenyl
Concen: 72.427 ng
RT: 13.237 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:172 Resp: 254480

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	24.6	18.9	28.3



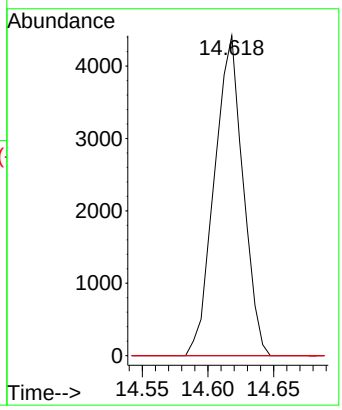


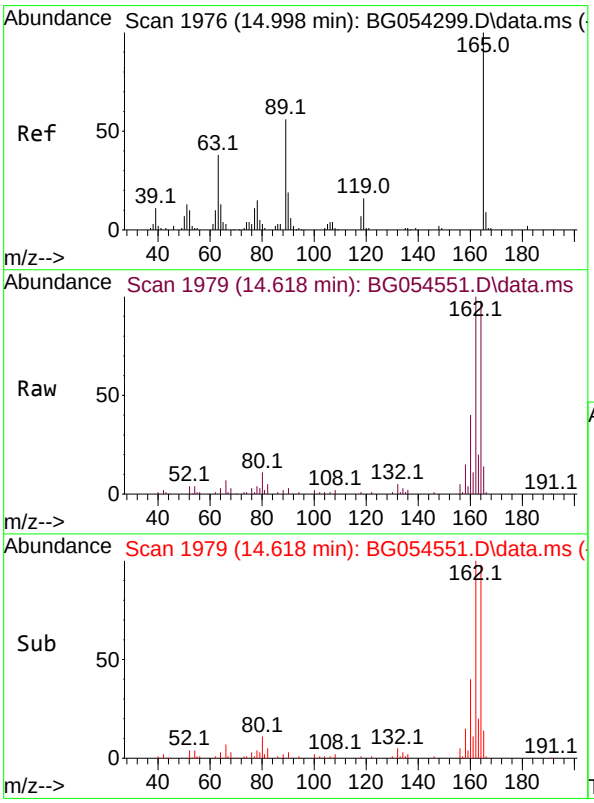
#51
2,6-Dinitrotoluene
Concen: 7.892 ng
RT: 14.618 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:165 Resp: 6702

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

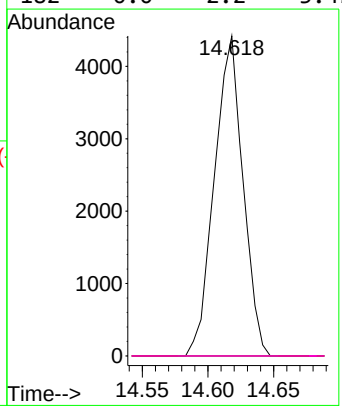


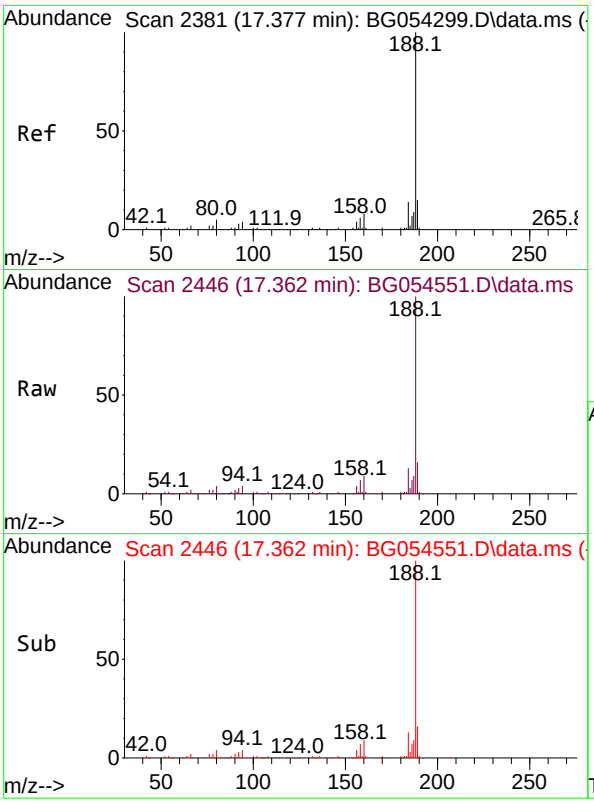


#57
2,4-Dinitrotoluene
Concen: 5.505 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.375 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:165 Resp: 6702

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#



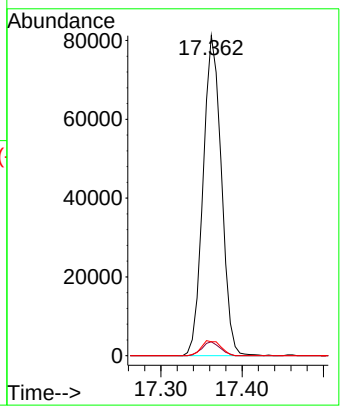


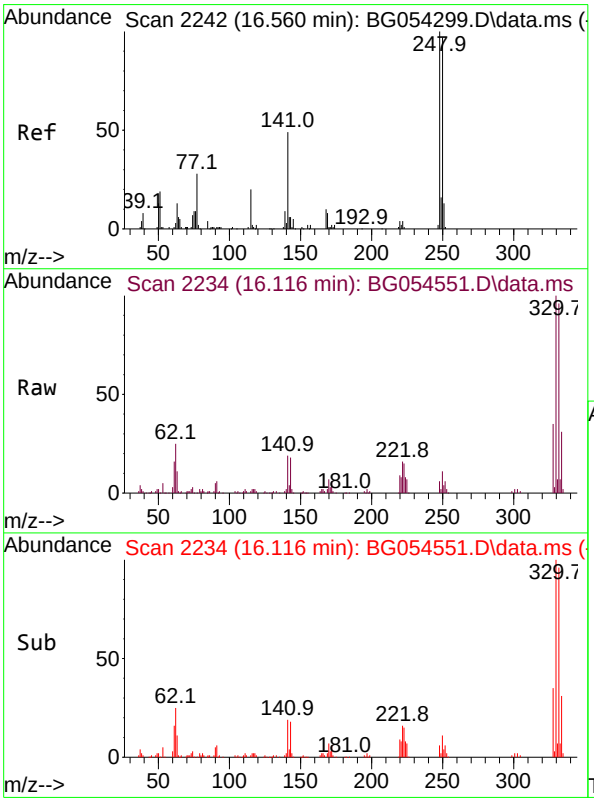
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:188 Resp: 126806

Ion	Ratio	Lower	Upper
188	100		
94	4.4	5.4	8.0#
80	4.4	6.8	10.2#

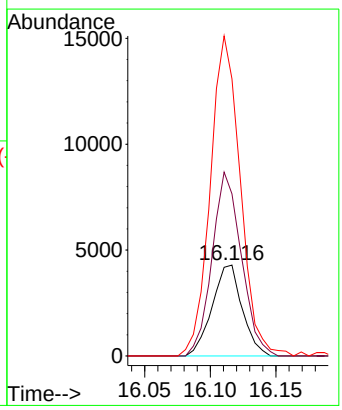


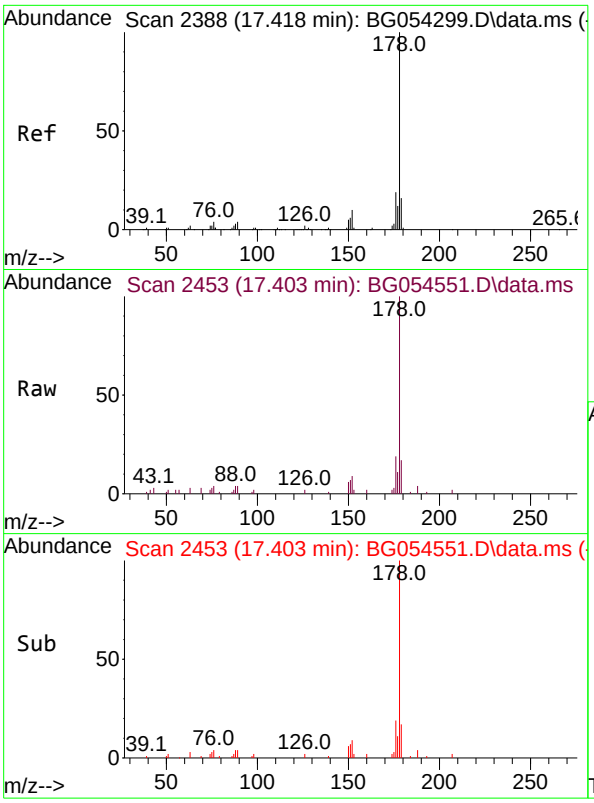


#67
4-Bromophenyl-phenylether
Concen: 3.843 ng
RT: 16.116 min Scan# 2234
Delta R.T. -0.428 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:248 Resp: 6844

Ion	Ratio	Lower	Upper
248	100		
250	178.4	75.2	112.8#
141	305.1	50.0	75.0#



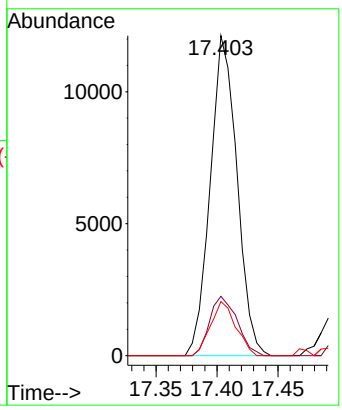


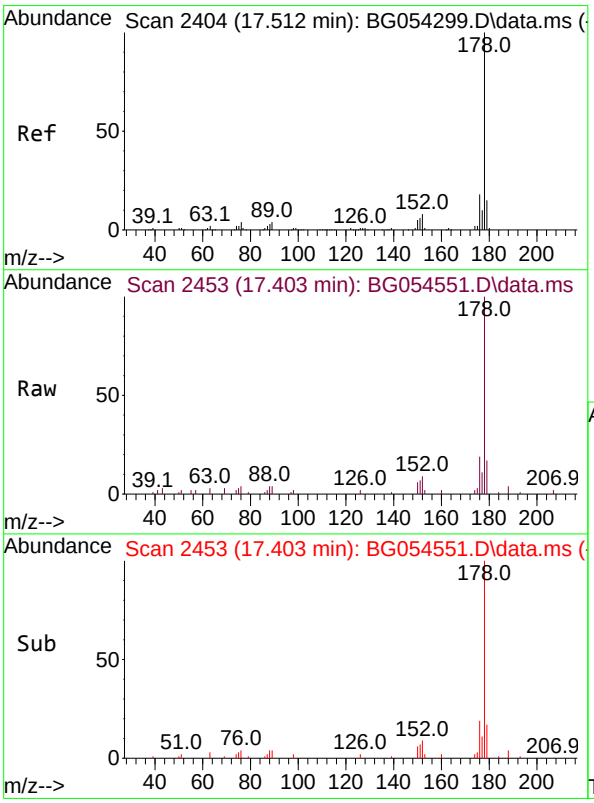
#71
Phenanthrene
Concen: 2.930 ng
RT: 17.403 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:178 Resp: 18500

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	16.9	12.1	18.1

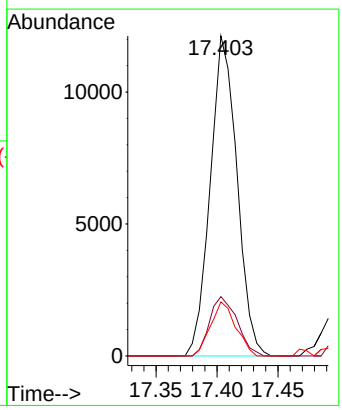


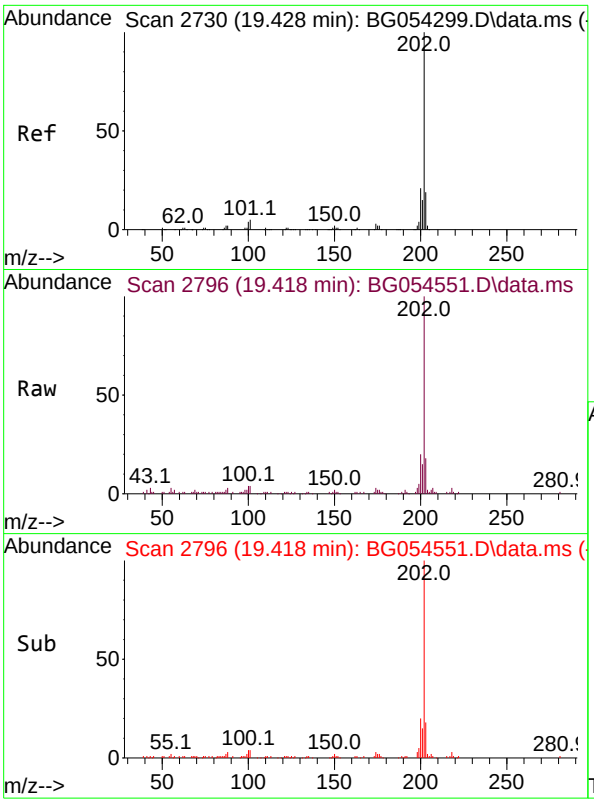


#72
Anthracene
Concen: 2.985 ng
RT: 17.403 min Scan# 2453
Delta R.T. -0.093 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:178 Resp: 18500

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	16.9	13.0	19.4



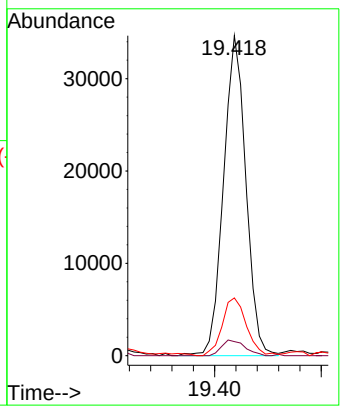


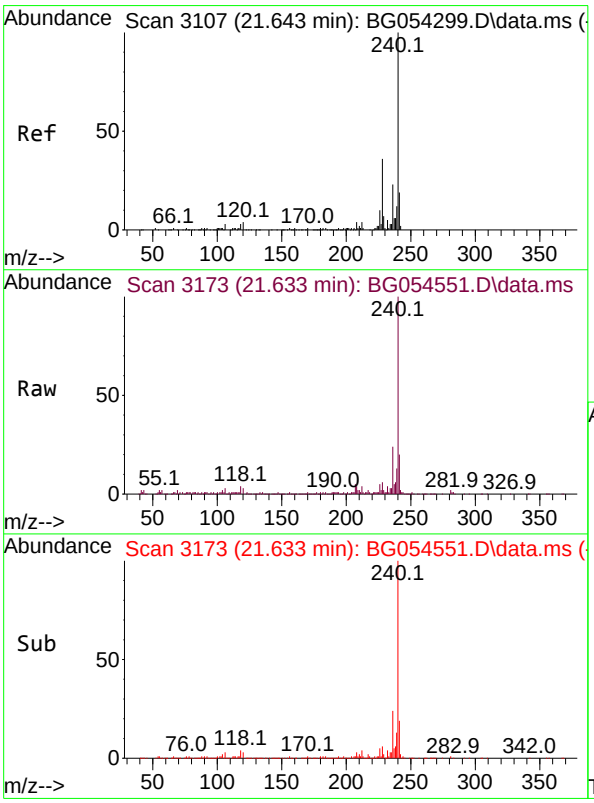
#75
Fluoranthene
Concen: 5.876 ng
RT: 19.418 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:202 Resp: 50578

Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	26.9
203	18.1	0.0	37.2

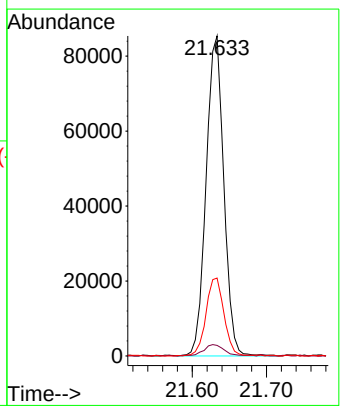


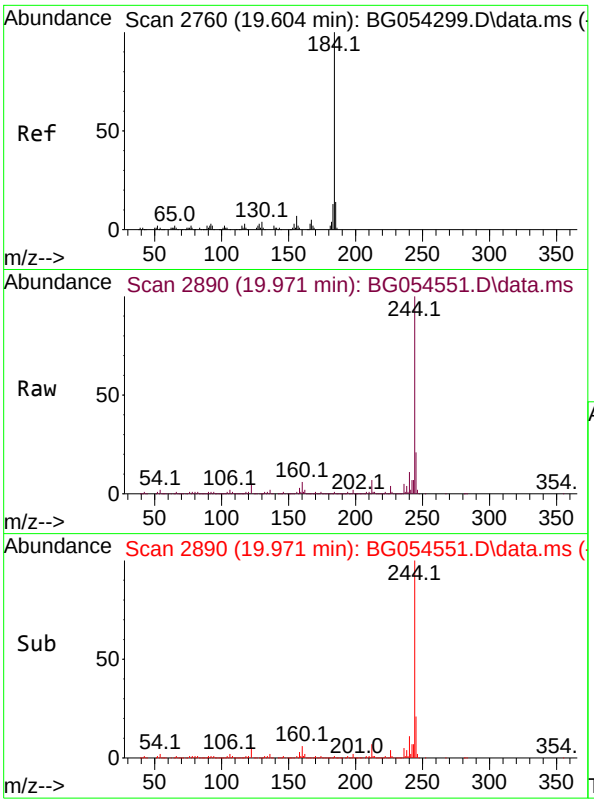


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:240 Resp: 141606

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.4	20.2	30.4



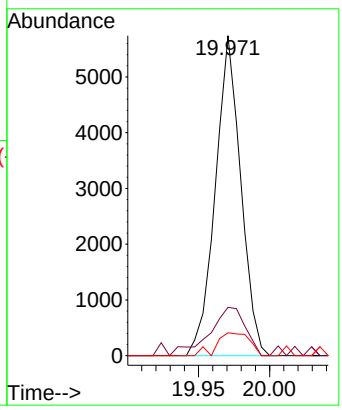


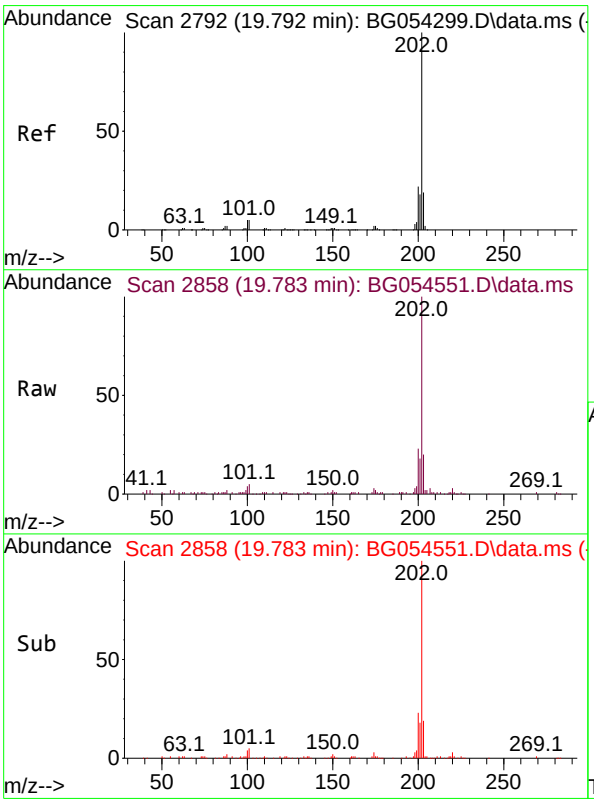
#77
Benzidine
Concen: 2.788 ng
RT: 19.971 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:184 Resp: 7149

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	7.2	8.9	13.3#

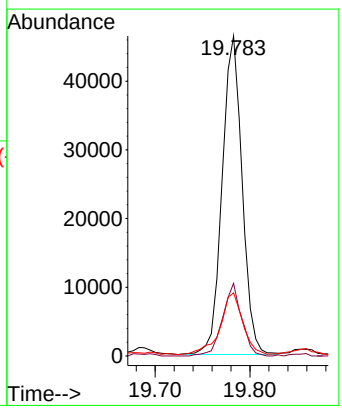


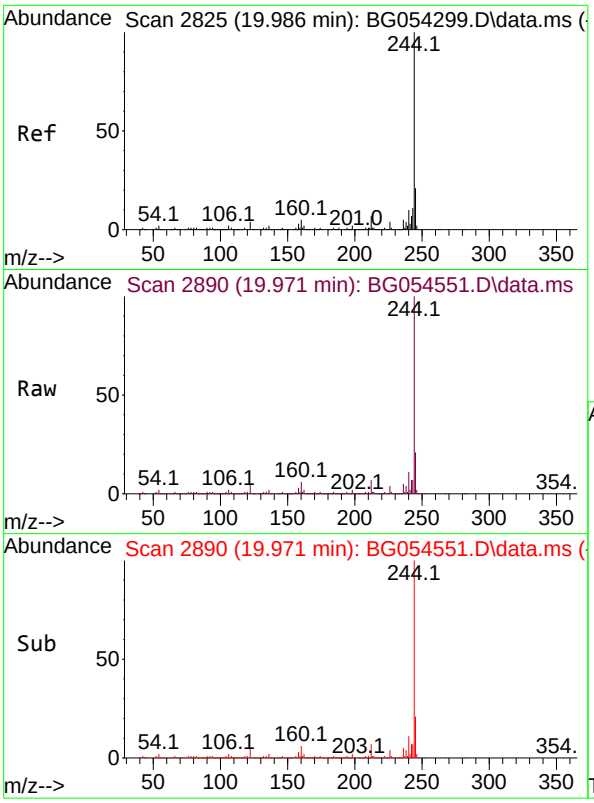


#78
Pyrene
Concen: 8.387 ng
RT: 19.783 min Scan# 2858
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:202 Resp: 68147

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.6	24.8
203	19.7	14.6	21.8



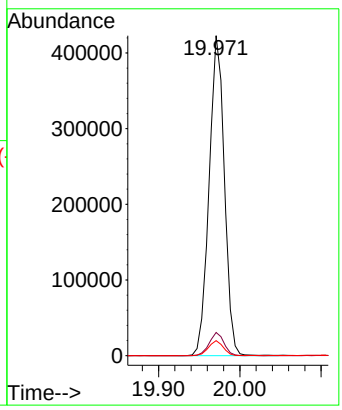


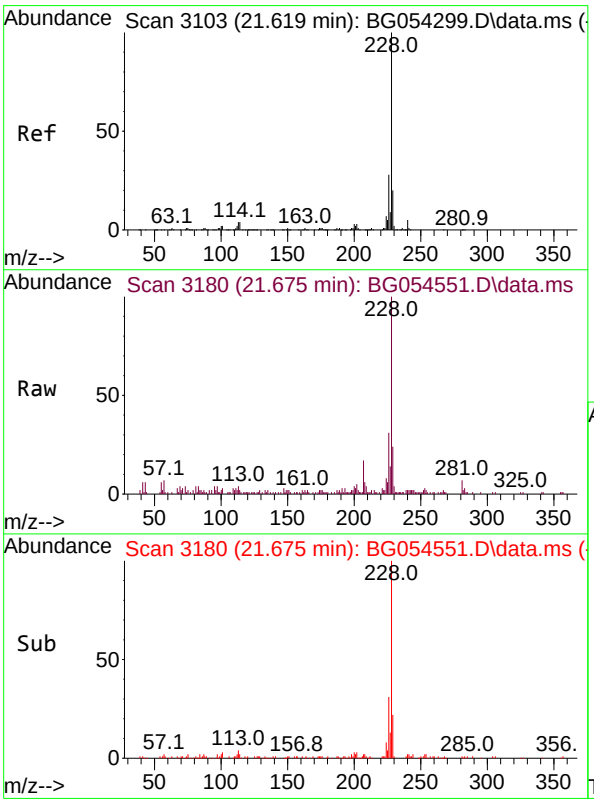
#79
Terphenyl-d14
Concen: 77.214 ng
RT: 19.971 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:244 Resp: 551164

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.7	5.0	7.4#

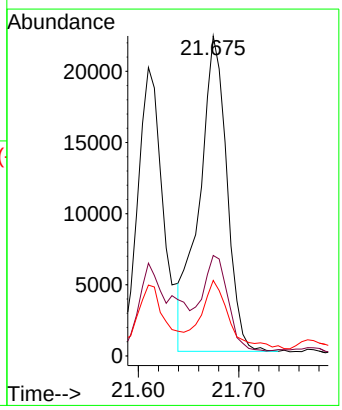


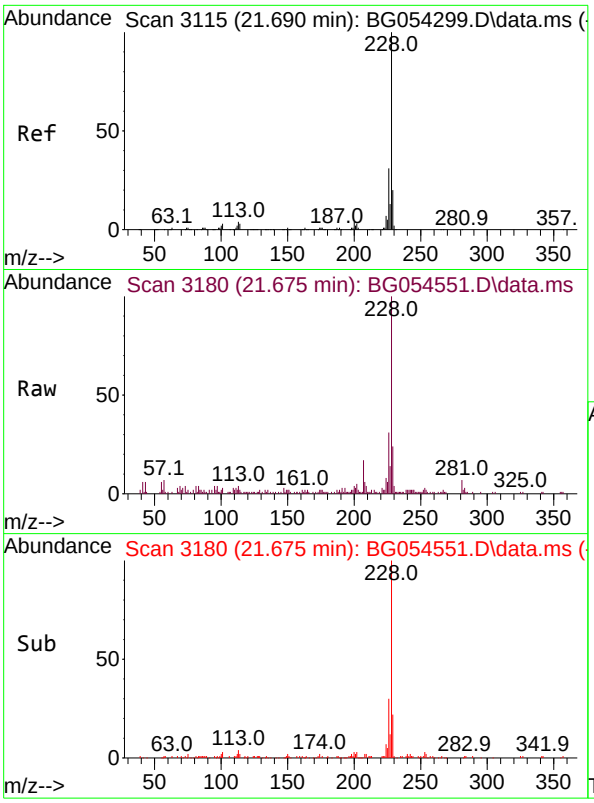


#81
Benzo(a)anthracene
Concen: 4.715 ng
RT: 21.675 min Scan# 3180
Delta R.T. 0.059 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:228 Resp: 42385

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.6	32.4
229	23.6	16.2	24.2



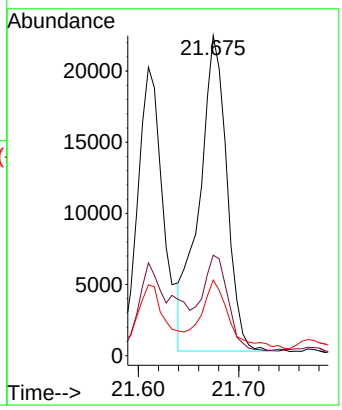


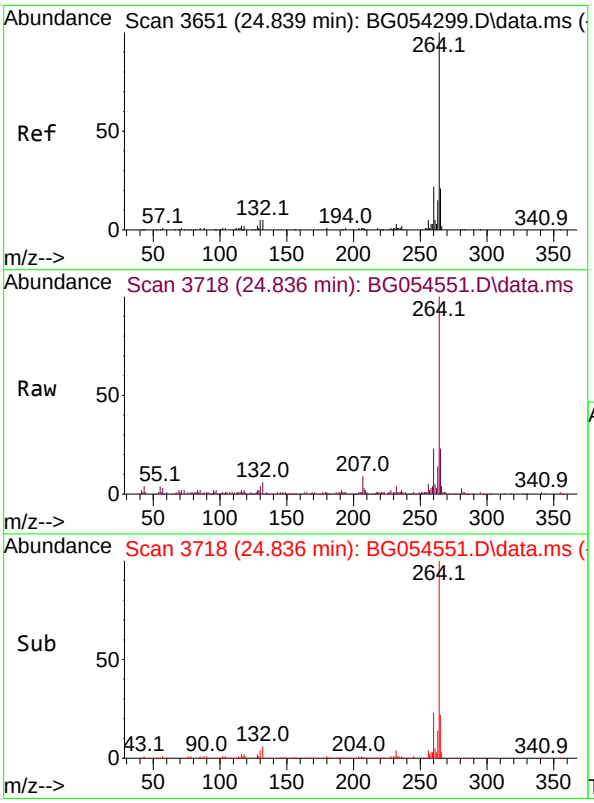
#83
Chrysene
Concen: 4.991 ng
RT: 21.675 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:228 Resp: 42385

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.6	15.5	23.3#

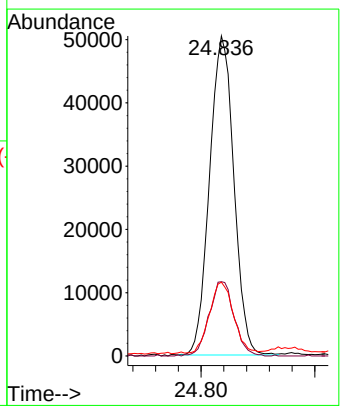


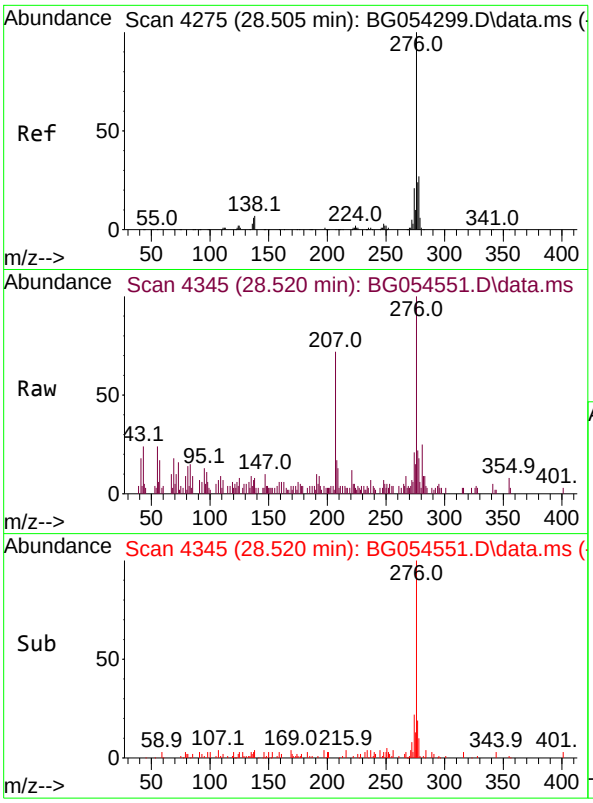


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 3718
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:264 Resp: 149596

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	23.0	17.4	26.2



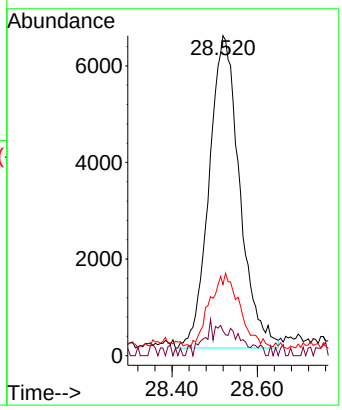


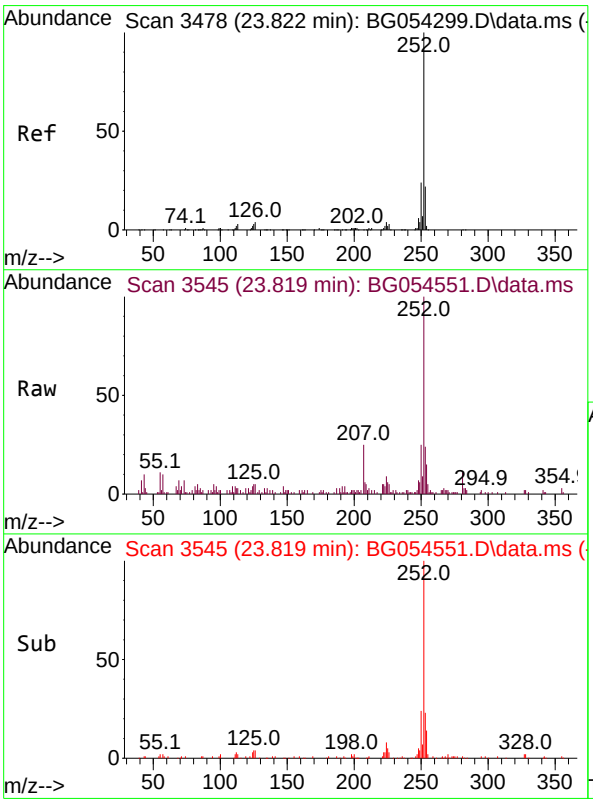
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.828 ng
RT: 28.520 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:276 Resp: 32189

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.0	7.4#
277	23.8	20.3	30.5

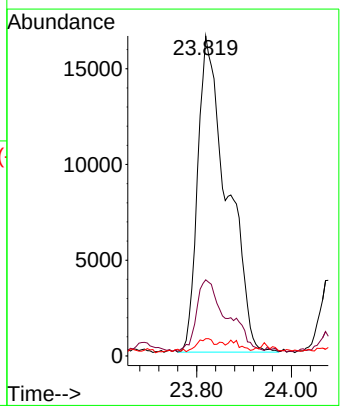


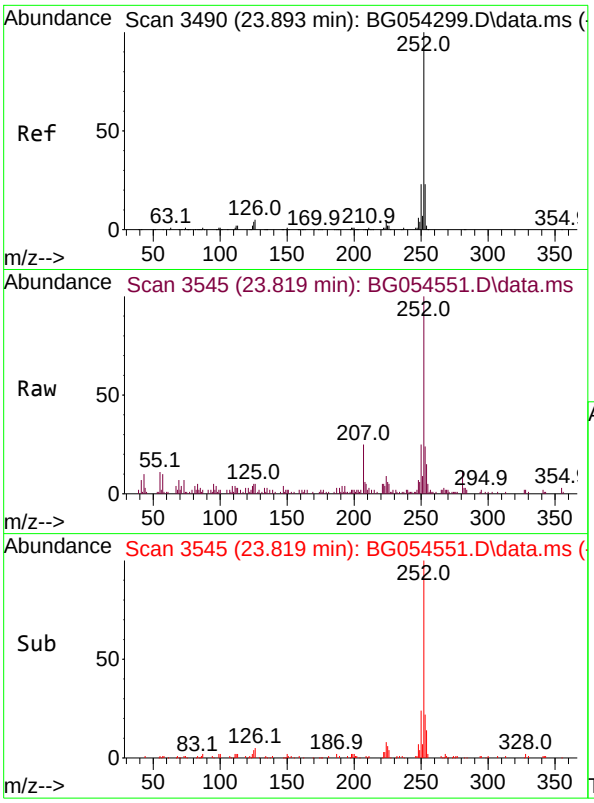


#88
Benzo(b)fluoranthene
Concen: 8.038 ng
RT: 23.819 min Scan# 3545
Delta R.T. 0.001 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:252 Resp: 71109

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	5.4	4.6	6.8



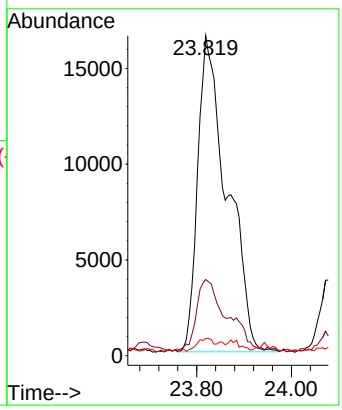


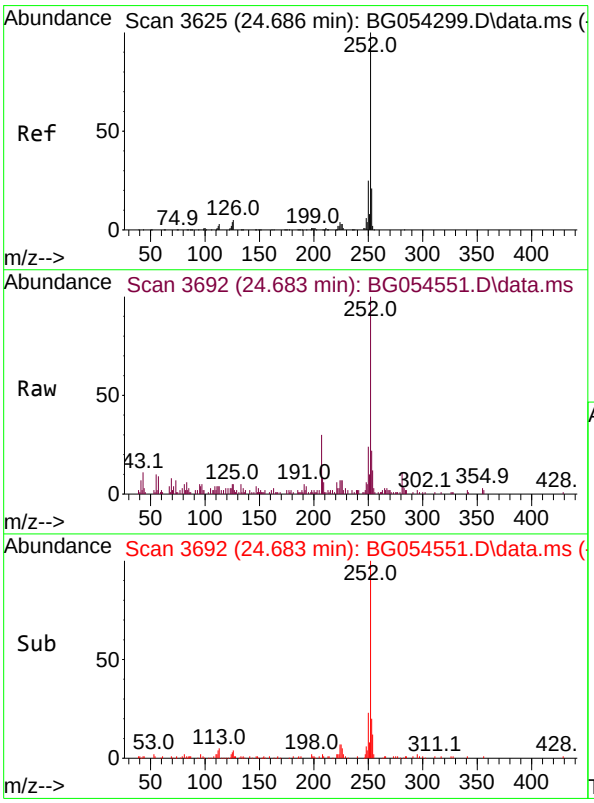
#89
Benzo(k)fluoranthene
Concen: 8.076 ng
RT: 23.819 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:252 Resp: 71109

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	5.4	4.8	7.2

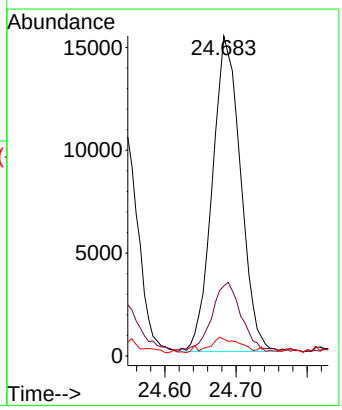


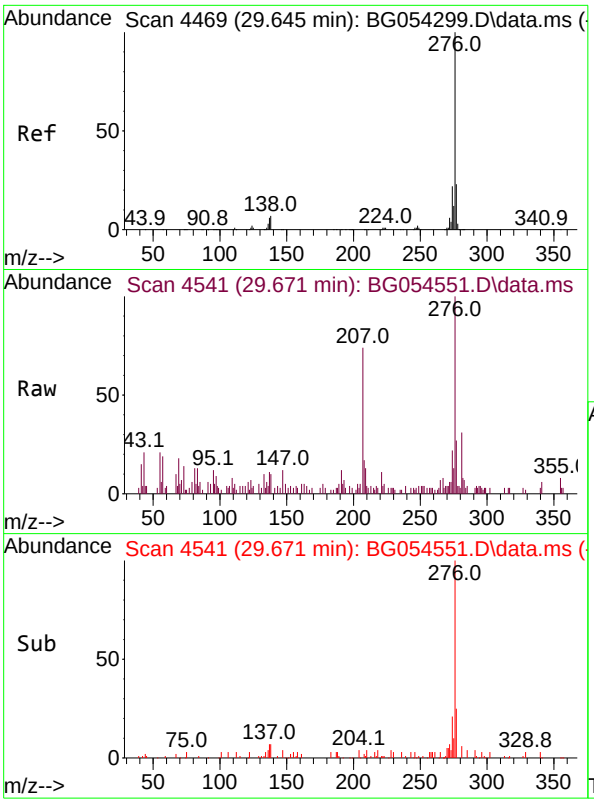


#90
Benzo(a)pyrene
Concen: 5.611 ng
RT: 24.683 min Scan# 3692
Delta R.T. -0.005 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Tgt Ion:252 Resp: 42393

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.3	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 4.152 ng
RT: 29.671 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG054551.D
Acq: 8 Aug 2022 13:19

Instrument :
BNA_G
ClientSampleId :
RVE-166

Tgt Ion:276 Resp: 38350

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.3	25.9#
138	9.8	9.6	14.4