Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054474.D
Acq On : 1 Aug 2022 21:29
Operator : CG/JU
Sample : N3894-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-33

Quant Time: Aug 02 05:47:03 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	7.982	152	20167	20.000	ng		0.00
21) Naphthalene-d8	10.791	136	77893	20.000	ng	#	0.00
39) Acenaphthene-d10	14.621	164	59204	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	140624	20.000	ng	#	0.00
76) Chrysene-d12	21.637	240	155780	20.000	ng	#	0.00
86) Perylene-d12	24.845	264	161663	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.567	112	100936	104.499	ng		0.00
7) Phenol-d6	7.183	99	137175	103.643	ng		0.01
23) Nitrobenzene-d5	9.151	82	94986	66.407	ng		0.00
42) 2,4,6-Tribromophenol	16.114	330	120891	97.252	ng		0.00
45) 2-Fluorobiphenyl	13.241	172	297260	70.830	ng		0.00
79) Terphenyl-d14	19.980	244	576002	73.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.105	88	889	2.313	ng	#	1
9) Benzaldehyde	7.177	77	134	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.151	70	13661	15.457	ng	#	80
51) 2,6-Dinitrotoluene	14.621	165	8012	7.899	ng	#	18
57) 2,4-Dinitrotoluene	14.621	165	8012	5.510	ng	#	23
67) 4-Bromophenyl-phenylether	16.114	248	7094	3.592	ng	#	1
71) Phenanthrene	17.412	178	25200	3.598	ng		94
72) Anthracene	17.412	178	25200	3.667	ng		97
75) Fluoranthene	19.422	202	64772	6.785	ng		94
77) Benzidine	19.980	184	7668	2.718	ng	#	93
78) Pyrene	19.786	202	62058	6.943	ng		99
81) Benzo(a)anthracene	21.613	228	41092	4.155	ng		96
83) Chrysene	21.613	228	41092	4.398	ng		97
88) Benzo(b)fluoranthene	23.828	252	63869	6.680	ng		93
89) Benzo(k)fluoranthene	23.828	252	63869	6.713	ng		94
90) Benzo(a)pyrene	24.686	252	39295	4.813	ng		98

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

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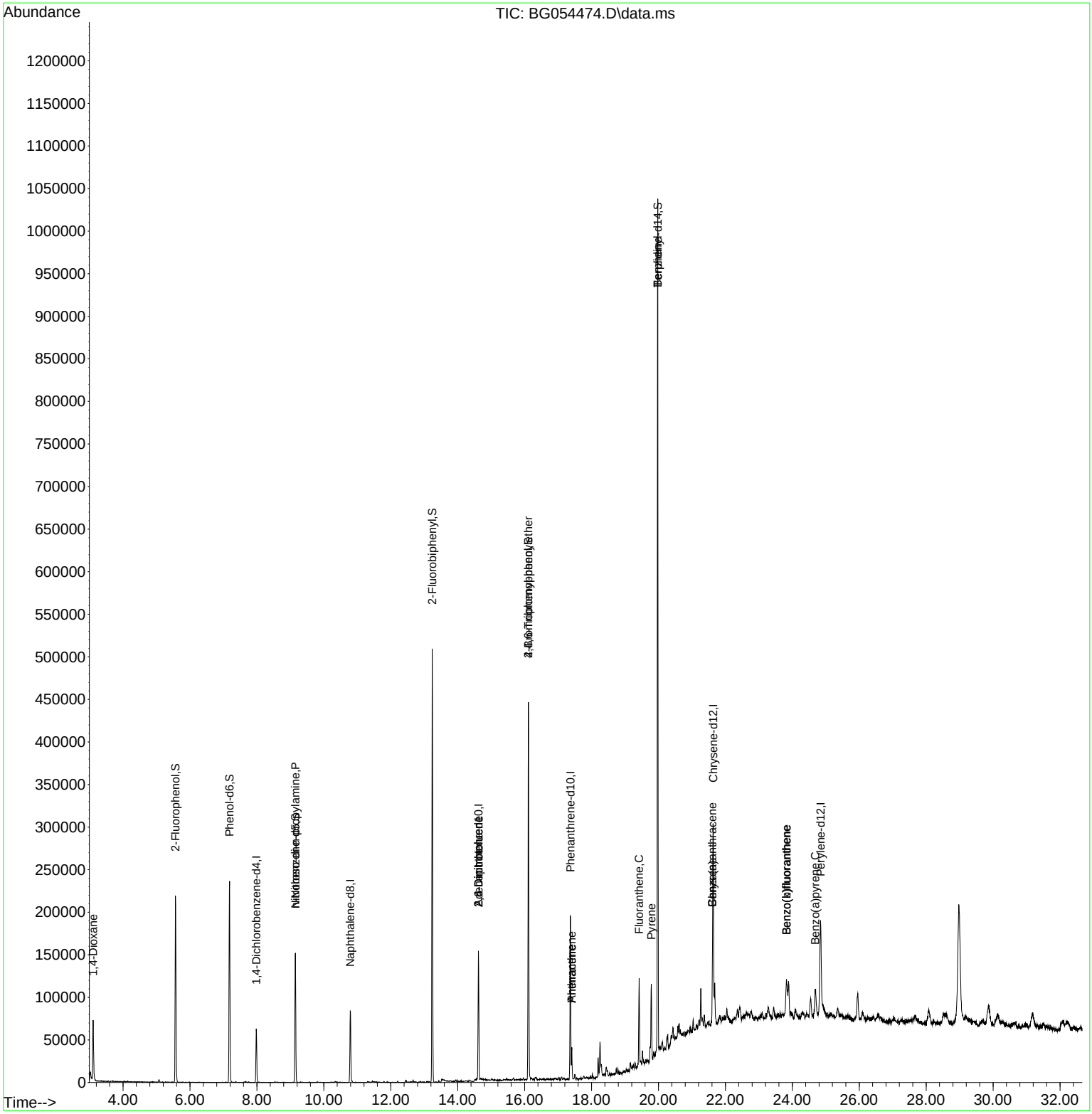
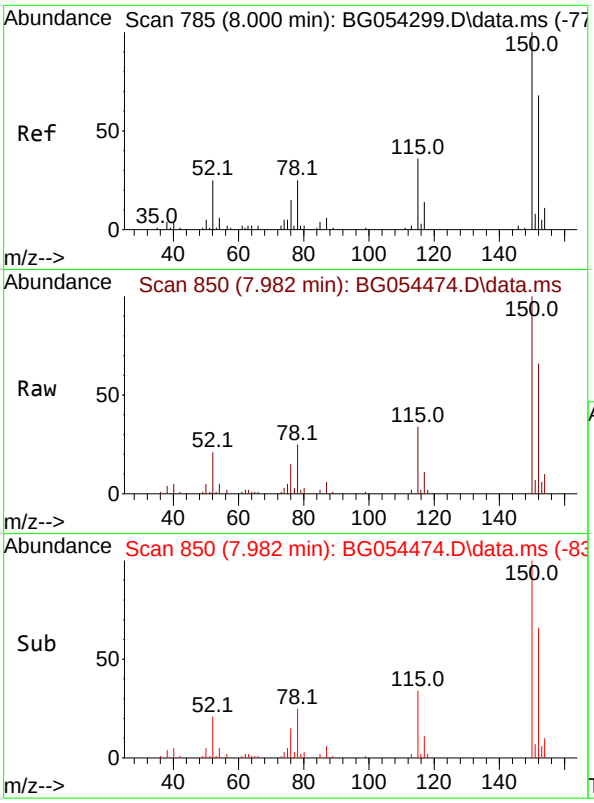


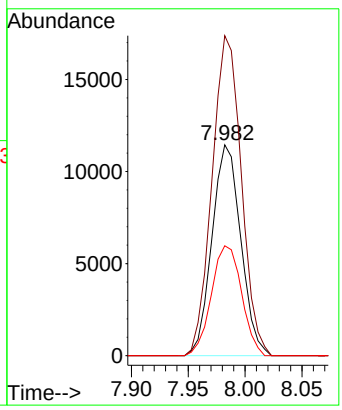


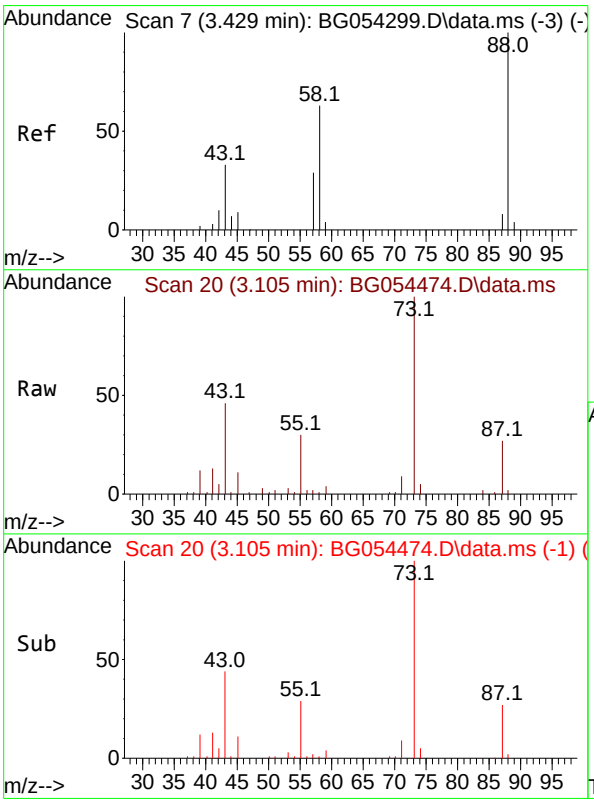
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:152 Resp: 20167

Ion	Ratio	Lower	Upper
152	100		
150	151.8	131.6	197.4
115	52.1	50.9	76.3

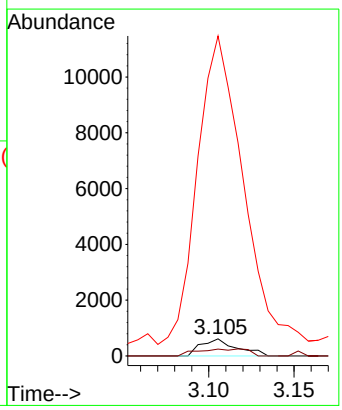


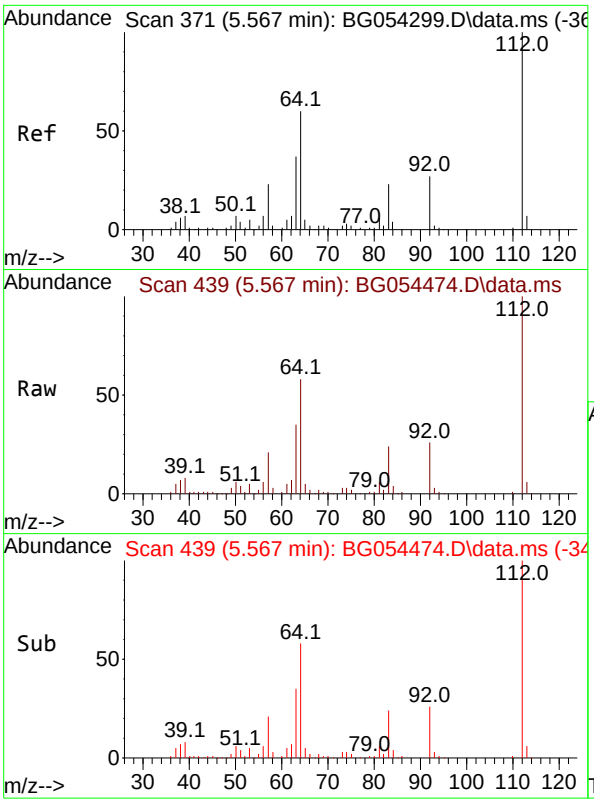


#2
1,4-Dioxane
Concen: 2.313 ng
RT: 3.105 min Scan# 20
Delta R.T. -0.312 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion: 88 Resp: 889

Ion	Ratio	Lower	Upper
88	100		
58	58.5	59.2	88.8#
43	2457.0	24.3	36.5#



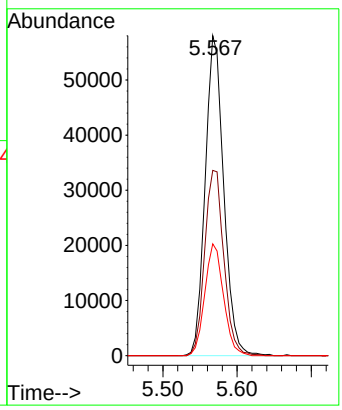


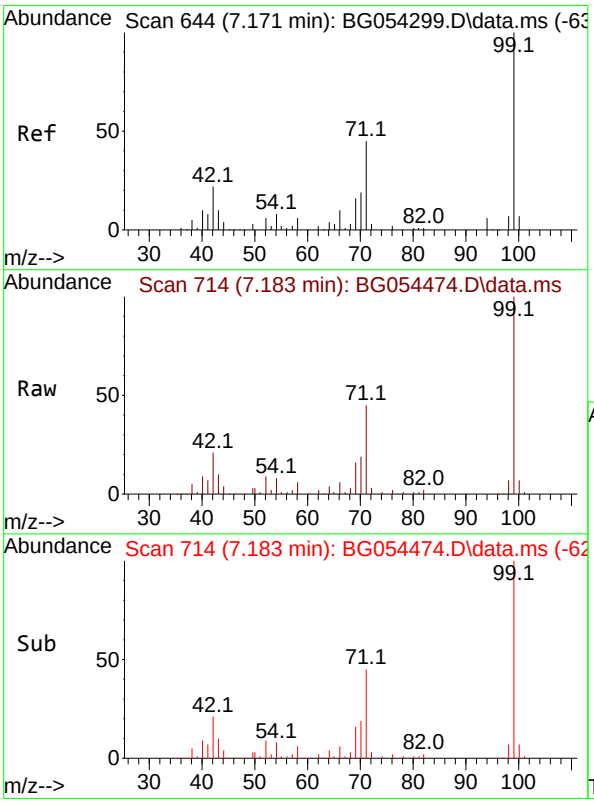
#5
2-Fluorophenol
Concen: 104.499 ng
RT: 5.567 min Scan# 4
Delta R.T. 0.005 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:112 Resp: 100936

Ion	Ratio	Lower	Upper
112	100		
64	57.9	55.1	82.7
63	35.0	30.4	45.6

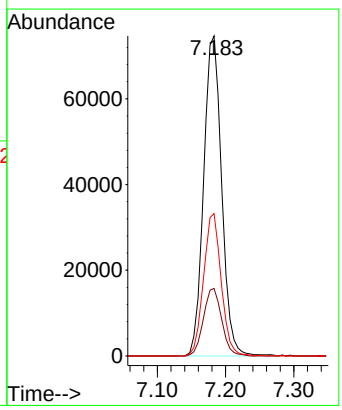


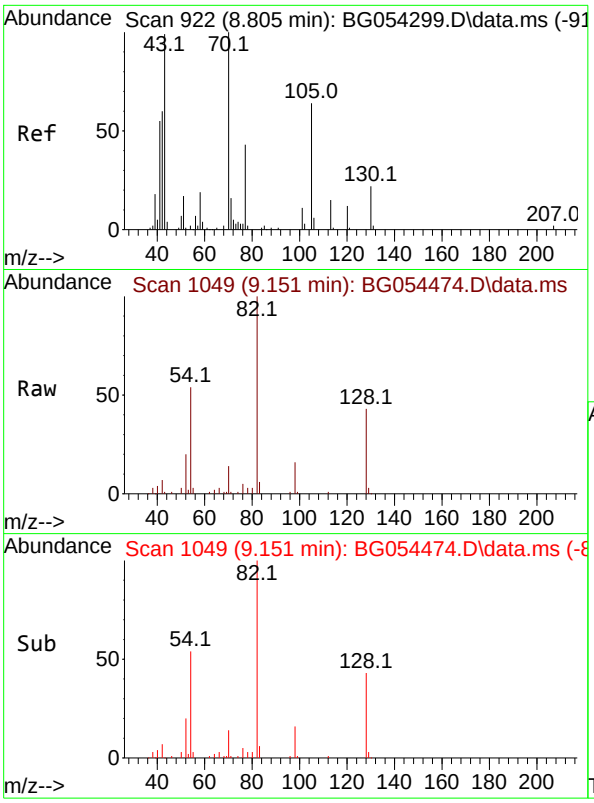


#7
Phenol-d6
Concen: 103.643 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.011 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion: 99 Resp: 137175

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	44.5	33.8	50.8



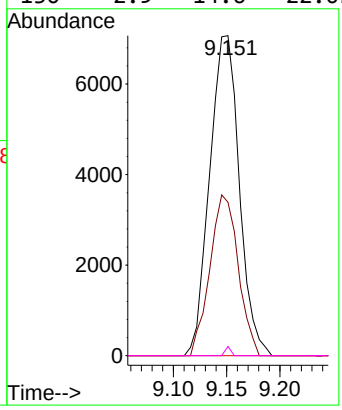


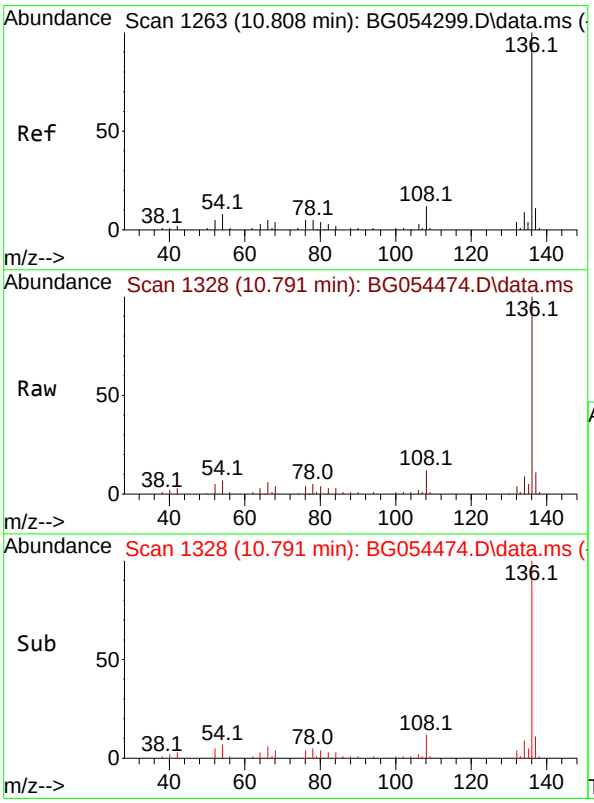
#19
n-Nitroso-di-n-propylamine
Concen: 15.457 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.358 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion: 70 Resp: 13661

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.3	70.9
101	0.0	7.0	10.4#
130	2.9	14.6	22.0#

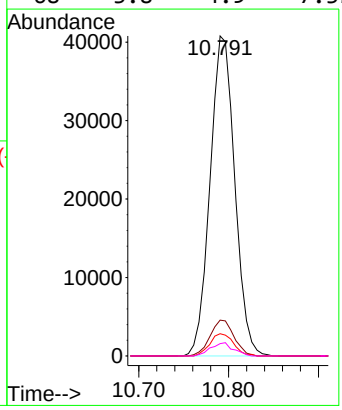


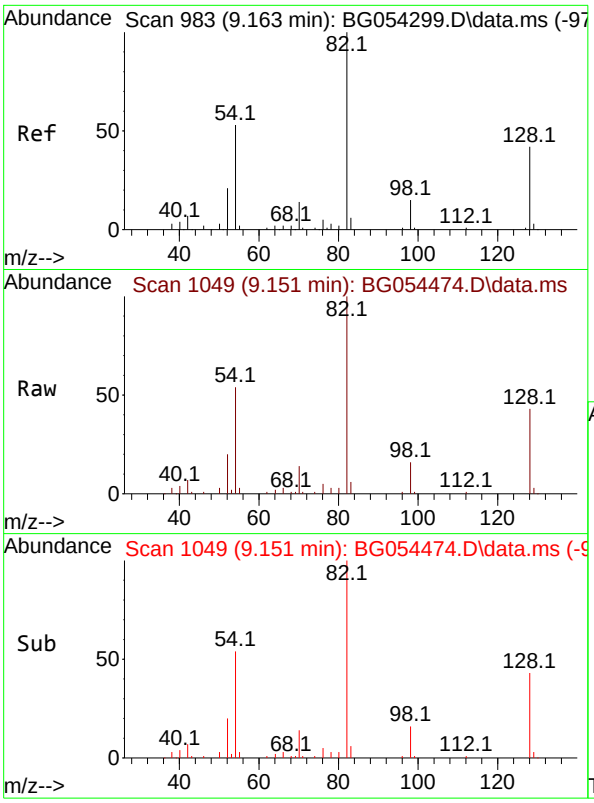


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:136 Resp: 77893

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



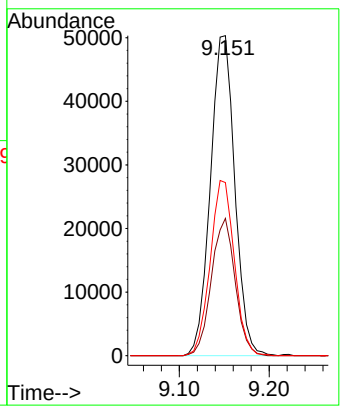


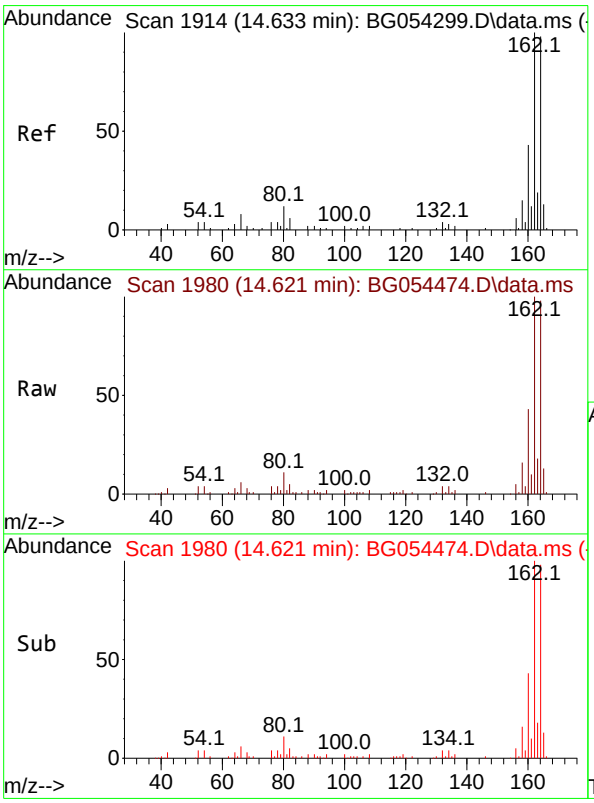
#23
Nitrobenzene-d5
Concen: 66.407 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion: 82 Resp: 94986

Ion	Ratio	Lower	Upper
82	100		
128	42.9	27.9	41.9#
54	54.1	41.2	61.8

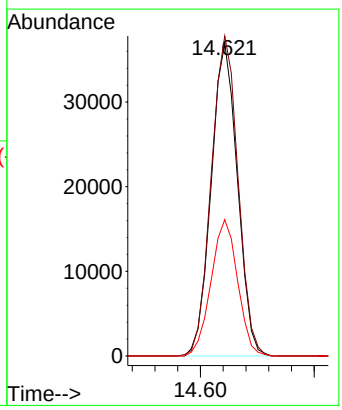


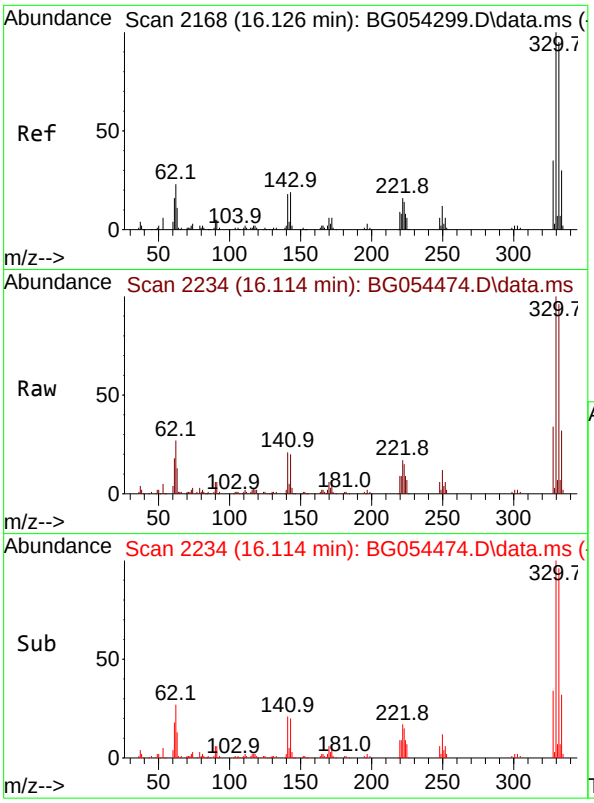


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:164 Resp: 59204

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.3	123.5
160	43.6	34.2	51.2



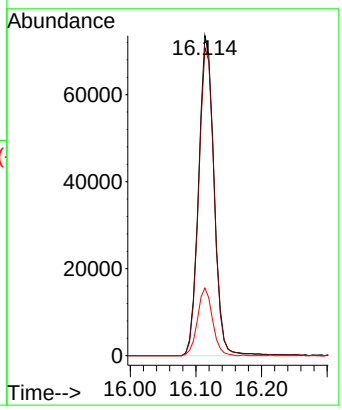


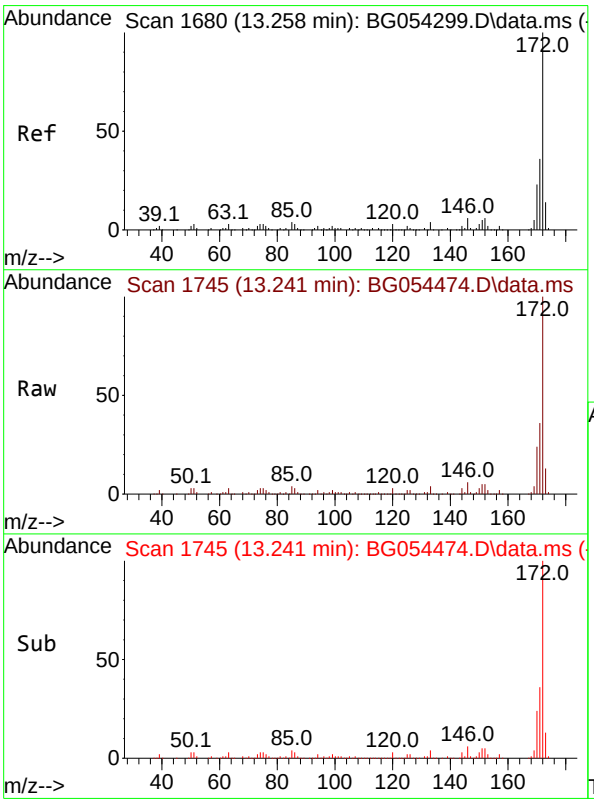
#42
2,4,6-Tribromophenol
Concen: 97.252 ng
RT: 16.114 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:330 Resp: 120891

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	20.5	27.1	40.7#

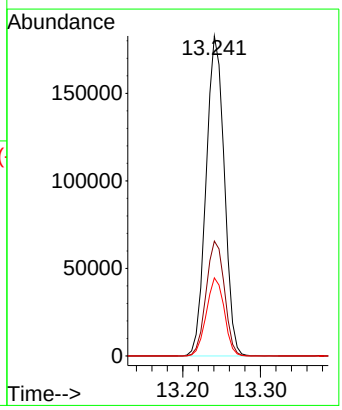


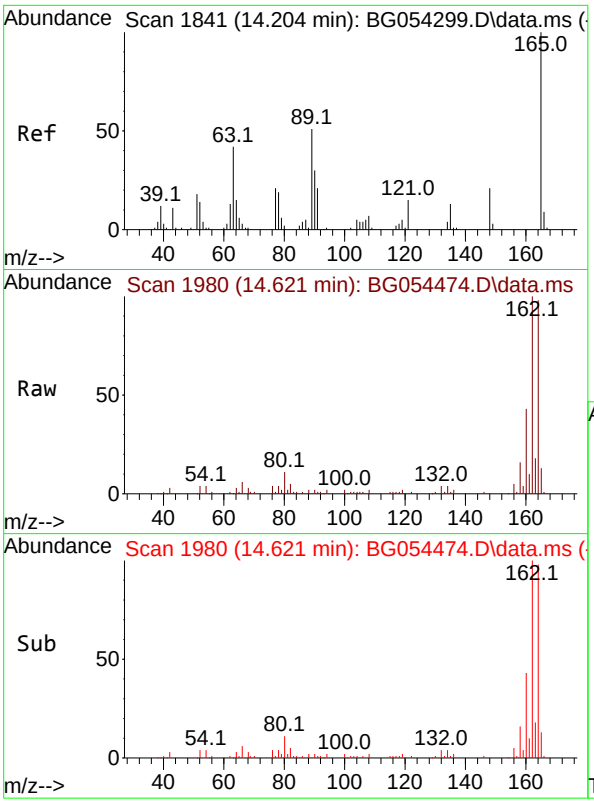


#45
2-Fluorobiphenyl
Concen: 70.830 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:172 Resp: 297260

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.4	18.9	28.3



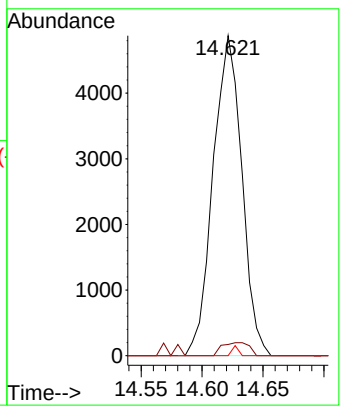


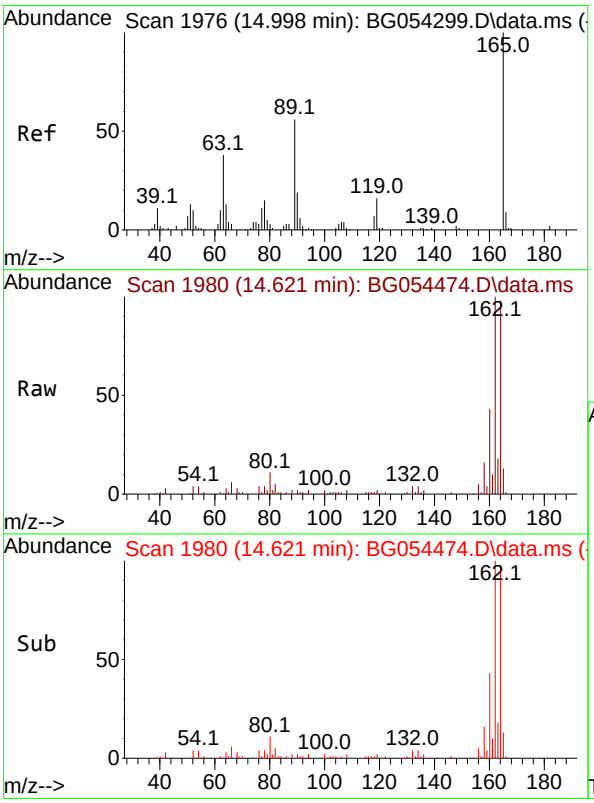
#51
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 14.621 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:165 Resp: 8012

Ion	Ratio	Lower	Upper
165	100		
63	3.5	54.1	81.1#
89	0.0	54.8	82.2#

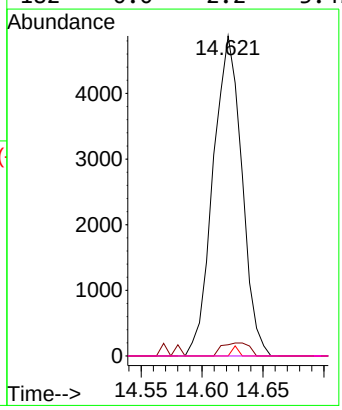


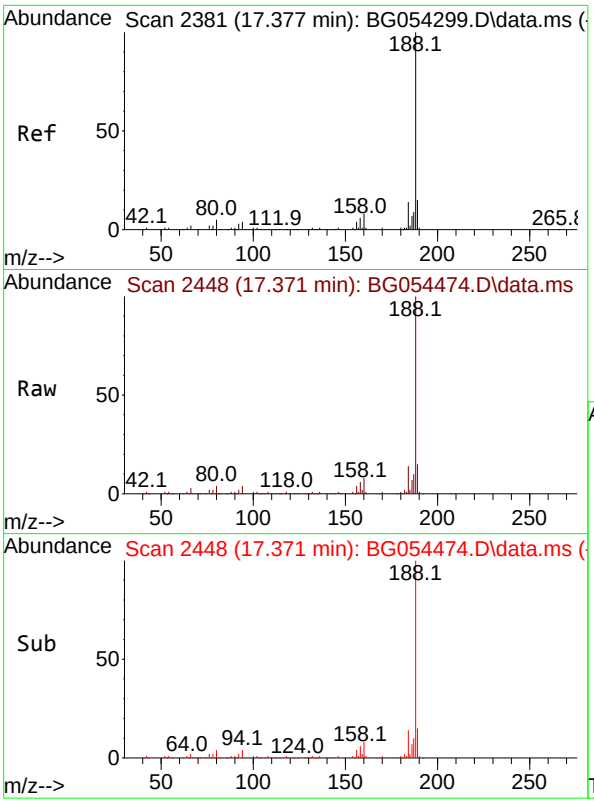


#57
2,4-Dinitrotoluene
Concen: 5.510 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:165 Resp: 8012

Ion	Ratio	Lower	Upper
165	100		
63	3.5	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



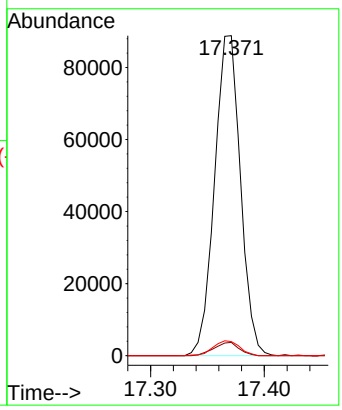


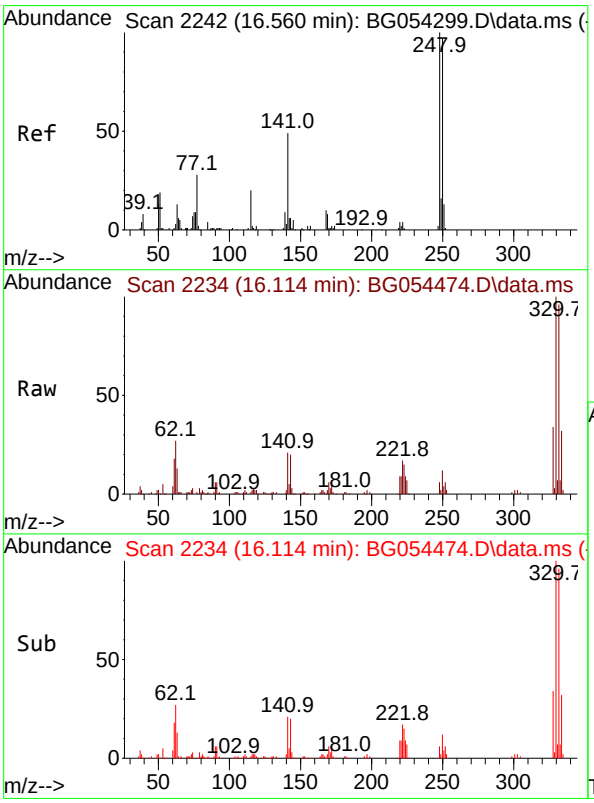
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:188 Resp: 140624

Ion	Ratio	Lower	Upper
188	100		
94	4.1	5.4	8.0#
80	4.4	6.8	10.2#

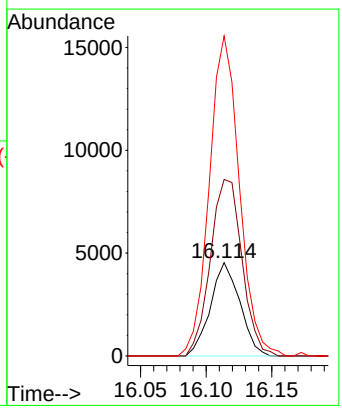


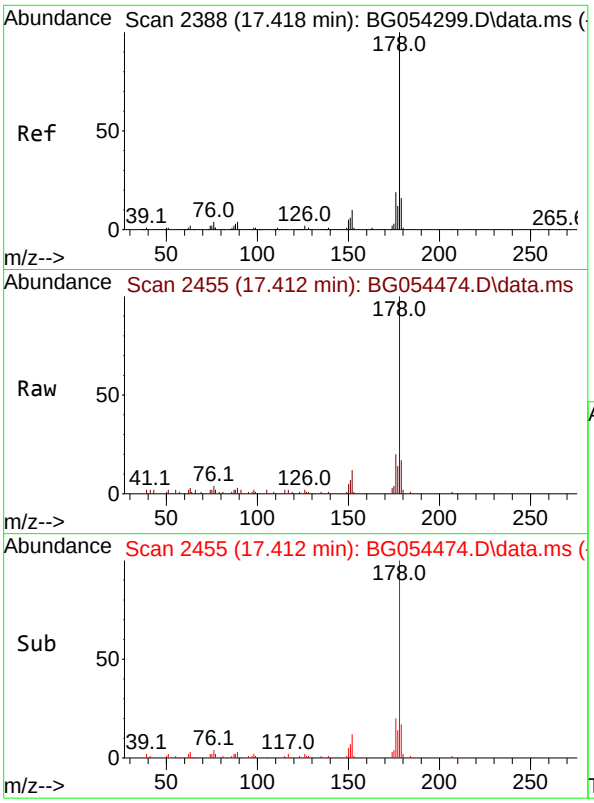


#67
4-Bromophenyl-phenylether
Concen: 3.592 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:248 Resp: 7094

Ion	Ratio	Lower	Upper
248	100		
250	139.9	75.2	112.8#
141	253.6	50.0	75.0#



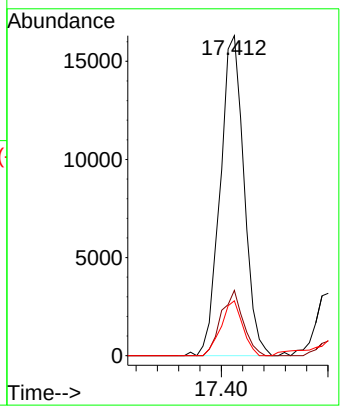


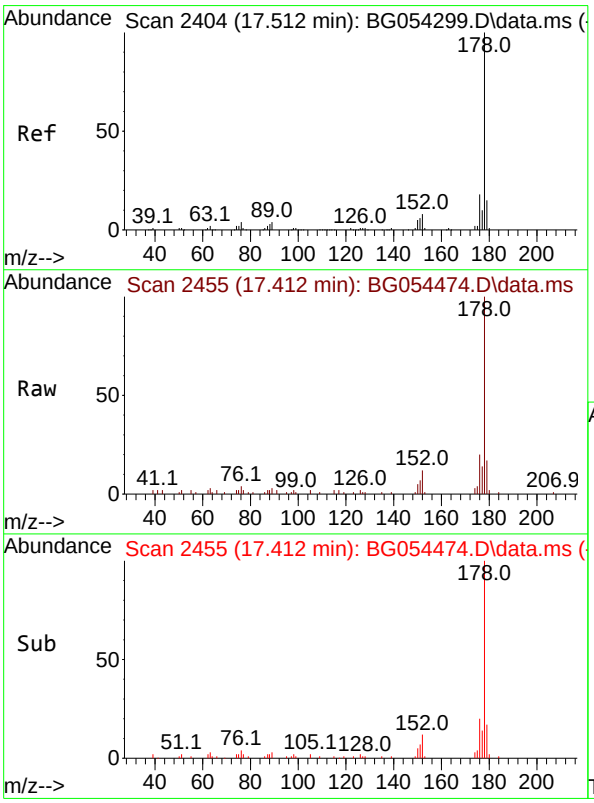
#71
Phenanthrene
Concen: 3.598 ng
RT: 17.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:178 Resp: 25200

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.1	21.1
179	17.1	12.1	18.1

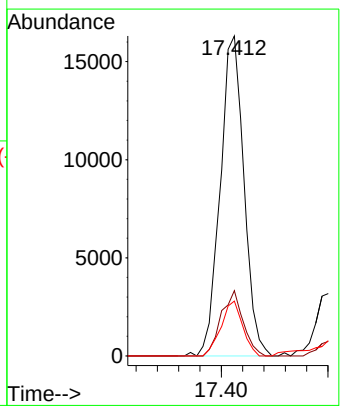


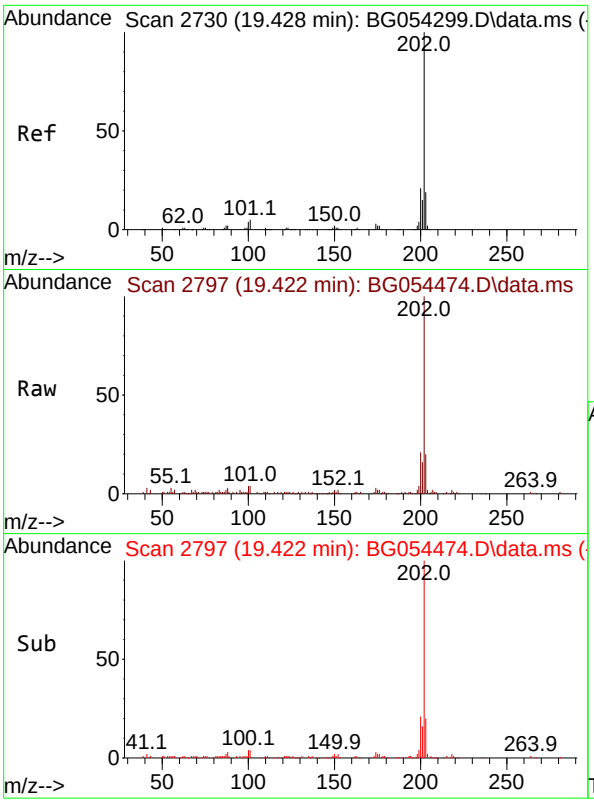


#72
Anthracene
Concen: 3.667 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.089 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:178 Resp: 25200

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.2	22.8
179	17.1	13.0	19.4



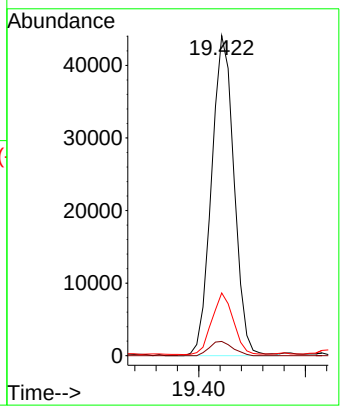


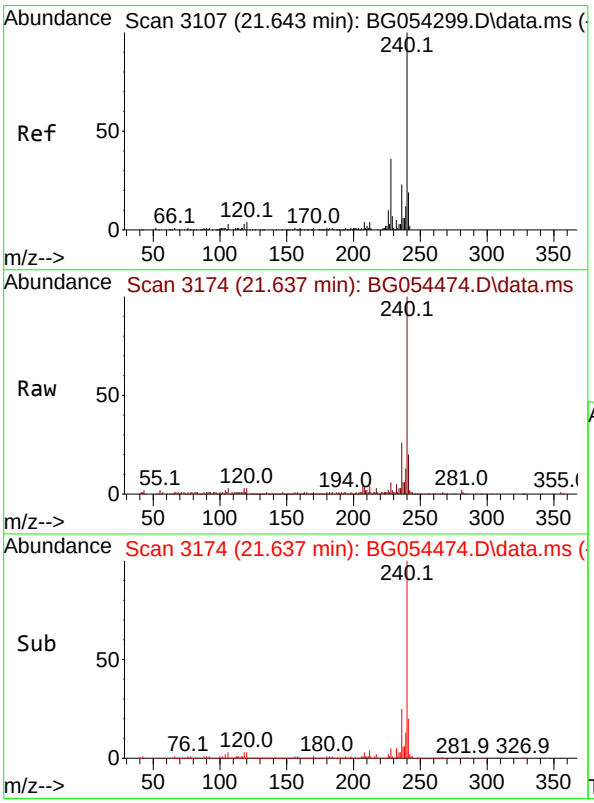
#75
Fluoranthene
Concen: 6.785 ng
RT: 19.422 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:202 Resp: 64772

Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	26.9
203	19.6	0.0	37.2

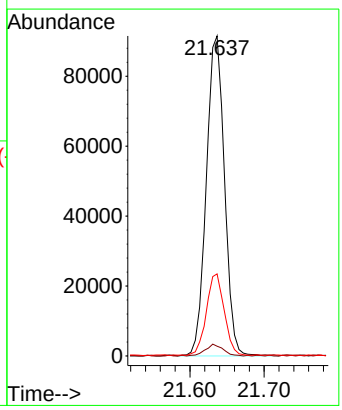


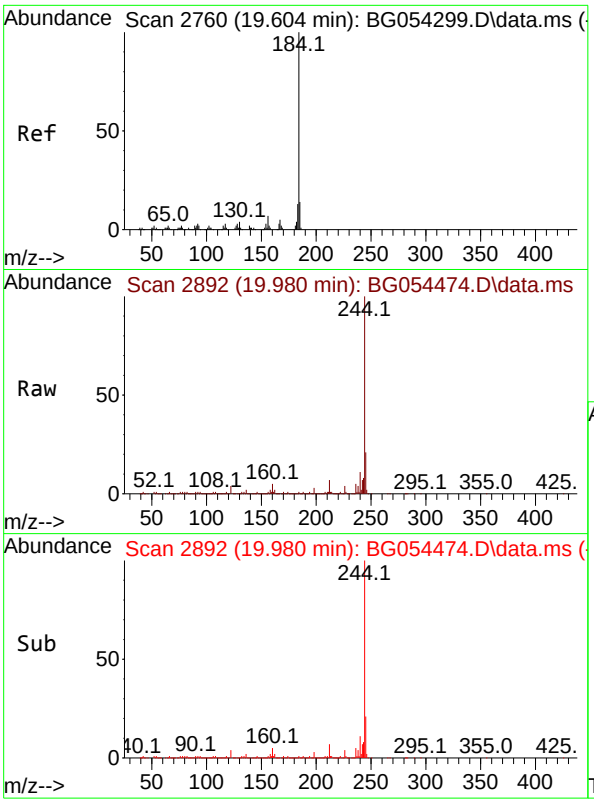


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:240 Resp: 155780

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.6	7.0#
236	25.7	20.2	30.4



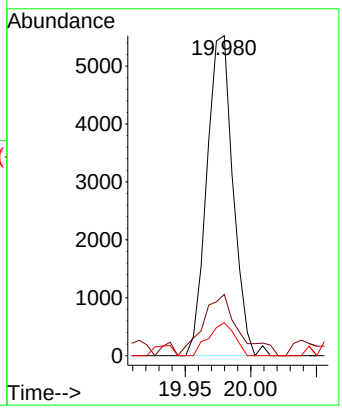


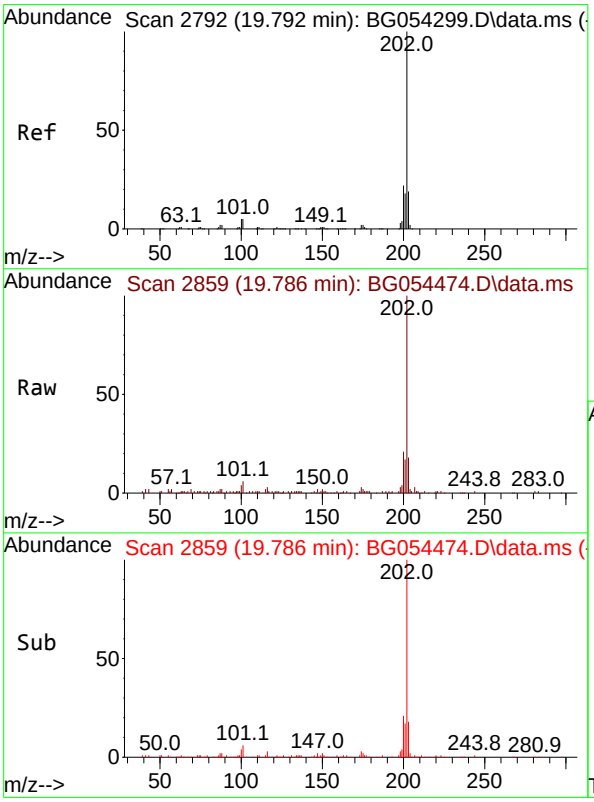
#77
Benzidine
Concen: 2.718 ng
RT: 19.980 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:184 Resp: 7668

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.8	17.6#
183	10.3	8.9	13.3

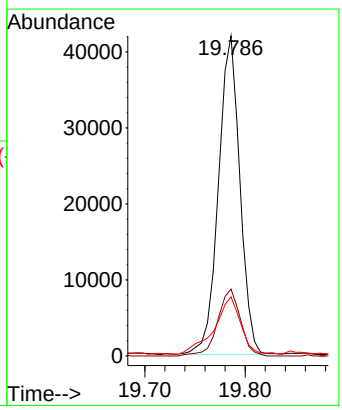


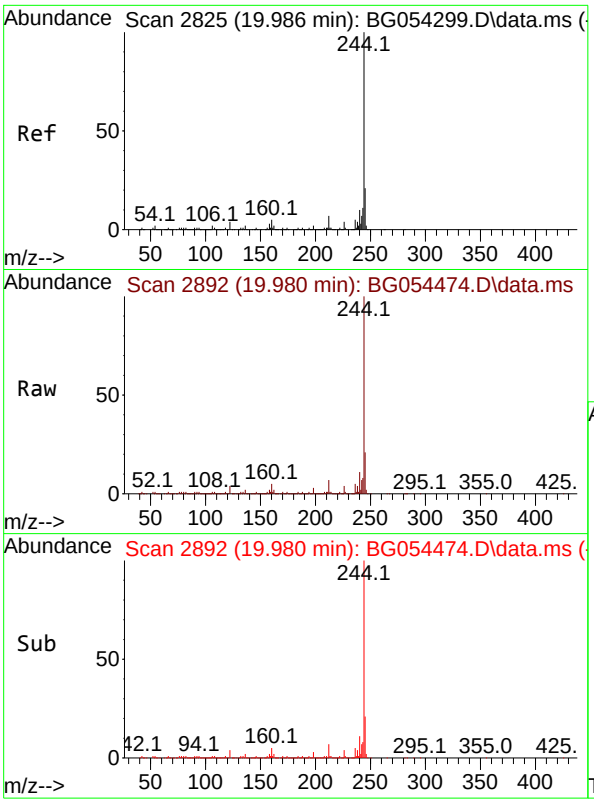


#78
Pyrene
Concen: 6.943 ng
RT: 19.786 min Scan# 2859
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:202 Resp: 62058

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.5	14.6	21.8



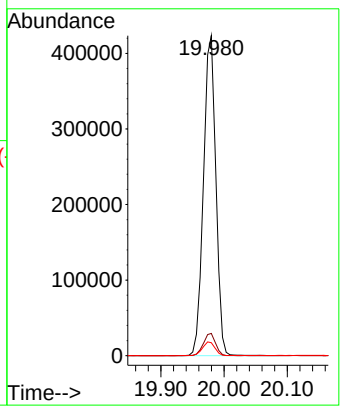


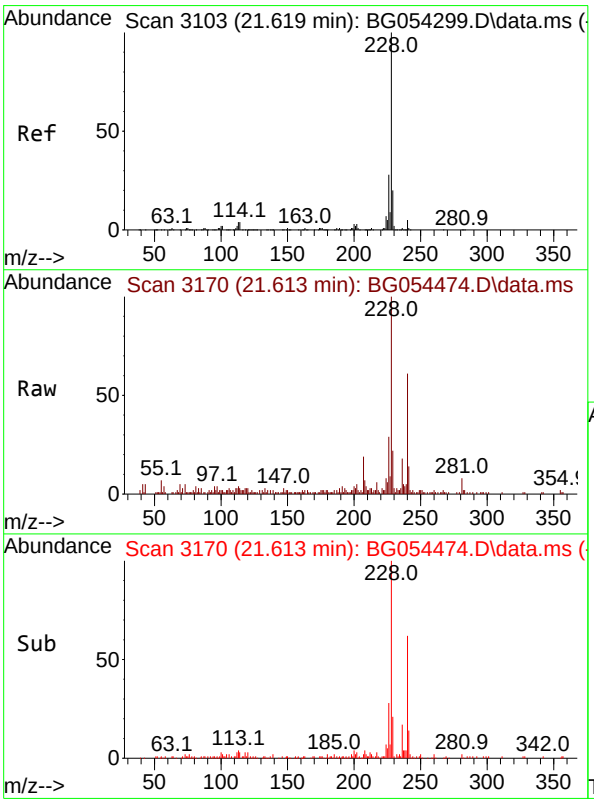
#79
Terphenyl-d14
Concen: 73.352 ng
RT: 19.980 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:244 Resp: 576002

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	4.1	5.0	7.4#

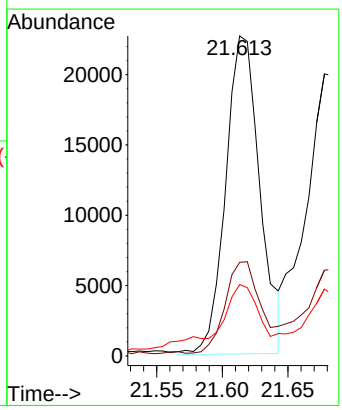


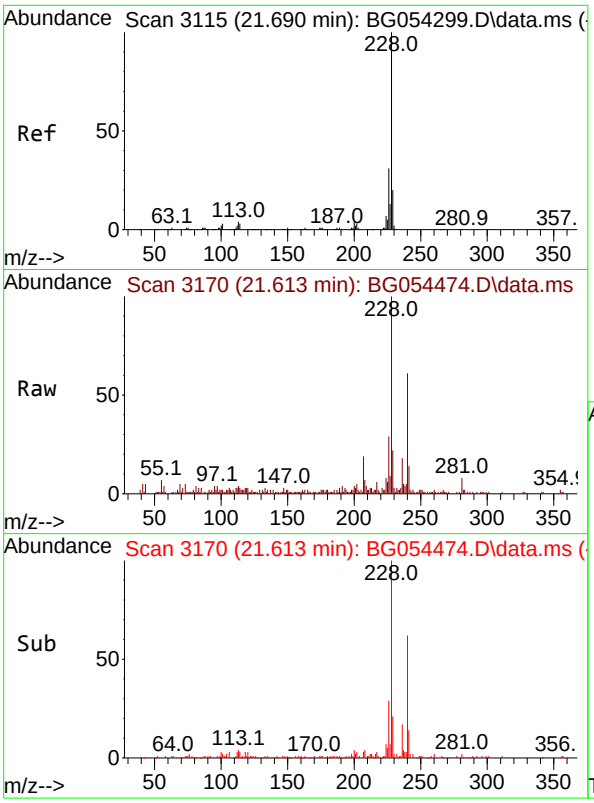


#81
Benzo(a)anthracene
Concen: 4.155 ng
RT: 21.613 min Scan# 3170
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:228 Resp: 41092

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.6	32.4
229	22.3	16.2	24.2



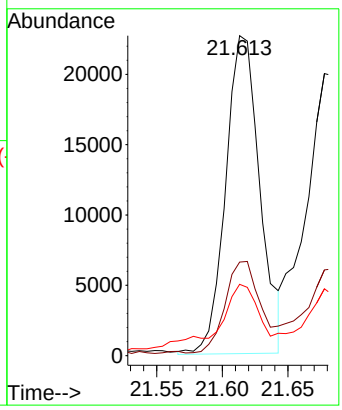


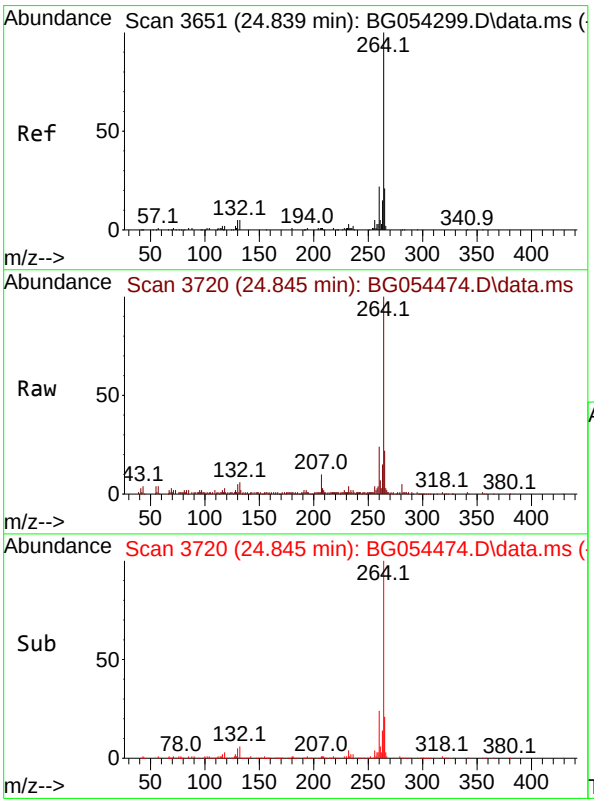
#83
Chrysene
Concen: 4.398 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.071 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:228 Resp: 41092

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.3	15.5	23.3

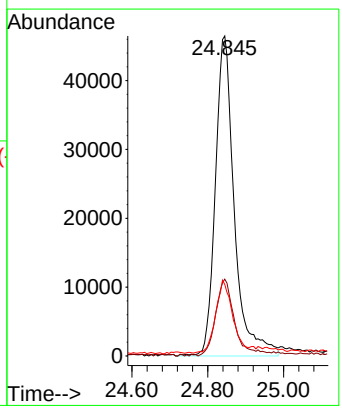


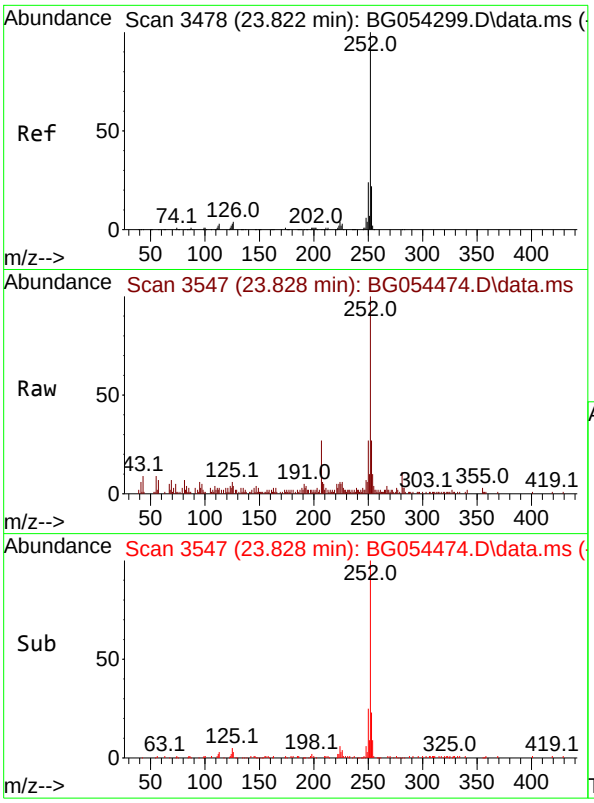


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3720
Delta R.T. 0.011 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:264 Resp: 161663

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.3	17.4	26.2



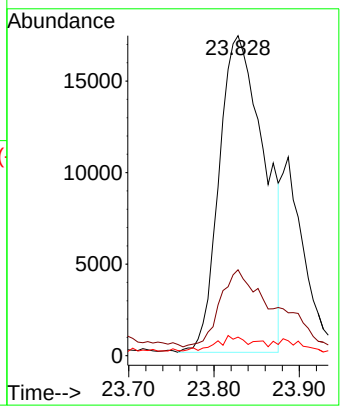


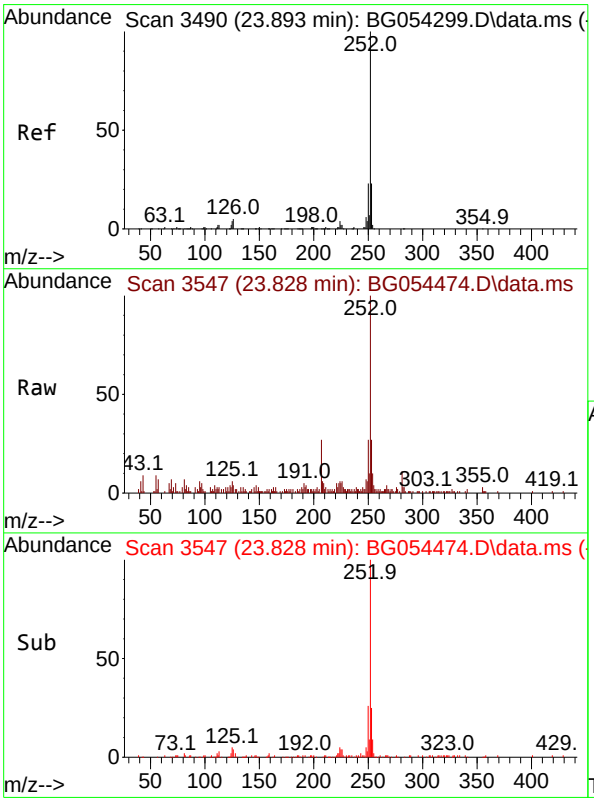
#88
Benzo(b)fluoranthene
Concen: 6.680 ng
RT: 23.828 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:252 Resp: 63869

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.0	27.0
125	5.8	4.6	6.8

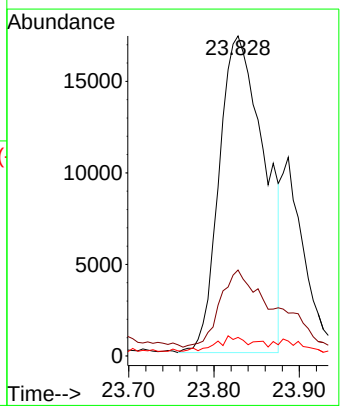


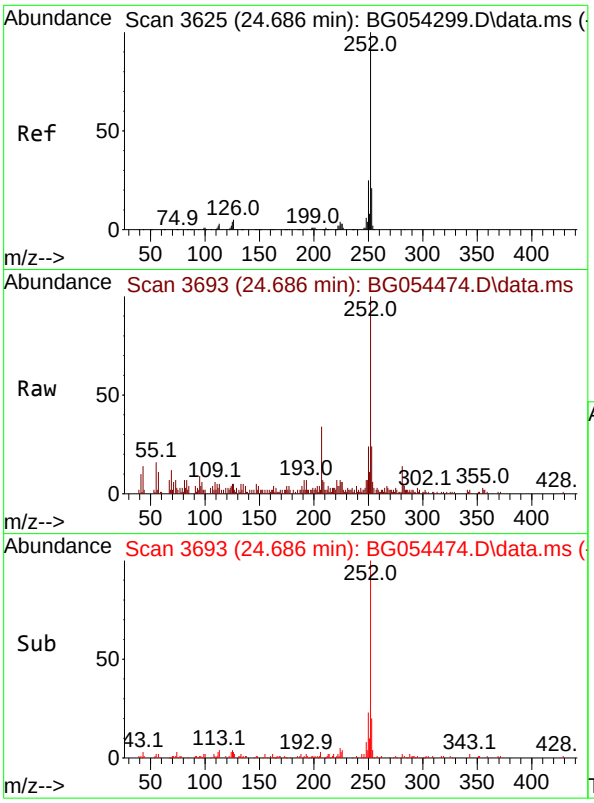


#89
Benzo(k)fluoranthene
Concen: 6.713 ng
RT: 23.828 min Scan# 3547
Delta R.T. -0.059 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Tgt Ion:252 Resp: 63869

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.4	27.6
125	5.8	4.8	7.2





#90
Benzo(a)pyrene
Concen: 4.813 ng
RT: 24.686 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054474.D
Acq: 1 Aug 2022 21:29

Instrument :
BNA_G
ClientSampleId :
RVE-33

Tgt Ion:252 Resp: 39295

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	5.5	4.3	6.5