Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054544.D
Acq On : 5 Aug 2022 21:11
Operator : CG/JU
Sample : N3961-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-185

Quant Time: Aug 06 05:40:46 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	7.981	152	19826	20.000	ng		0.00
21) Naphthalene-d8	10.790	136	75935	20.000	ng	#	0.00
39) Acenaphthene-d10	14.615	164	56306	20.000	ng		0.00
64) Phenanthrene-d10	17.364	188	132469	20.000	ng	#	0.00
76) Chrysene-d12	21.630	240	140712	20.000	ng	#	0.00
86) Perylene-d12	24.838	264	141082	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	110918	116.808	ng		0.00
7) Phenol-d6	7.182	99	147142	113.086	ng		0.01
23) Nitrobenzene-d5	9.145	82	98227	70.444	ng		0.00
42) 2,4,6-Tribromophenol	16.113	330	118805	100.493	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	287325	71.987	ng		-0.01
79) Terphenyl-d14	19.973	244	516748	72.853	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.099	88	1136	3.007	ng	#	1
9) Benzaldehyde	7.165	77	57	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.145	70	13936	16.039	ng	#	82
51) 2,6-Dinitrotoluene	14.615	165	7197	7.461	ng	#	18
57) 2,4-Dinitrotoluene	14.615	165	7197	5.204	ng	#	23
67) 4-Bromophenyl-phenylether	16.113	248	7006	3.766	ng	#	1
71) Phenanthrene	17.406	178	51674	7.833	ng		97
72) Anthracene	17.406	178	51674	7.982	ng		100
75) Fluoranthene	19.421	202	110584	12.297	ng		94
77) Benzidine	19.973	184	6723	2.638	ng	#	91
78) Pyrene	19.779	202	132341	16.391	ng		99
81) Benzo(a)anthracene	21.612	228	71304	7.983	ng		94
83) Chrysene	21.677	228	73141	8.667	ng		94
87) Indeno(1,2,3-cd)pyrene	28.516	276	36565	3.407	ng	#	91
88) Benzo(b)fluoranthene	23.822	252	120285	14.417	ng		98
89) Benzo(k)fluoranthene	23.822	252	120285	14.486	ng	#	98
90) Benzo(a)pyrene	24.685	252	66079	9.274	ng		99
92) Benzo(g,h,i)perylene	29.668	276	37434	4.298	ng	#	90

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

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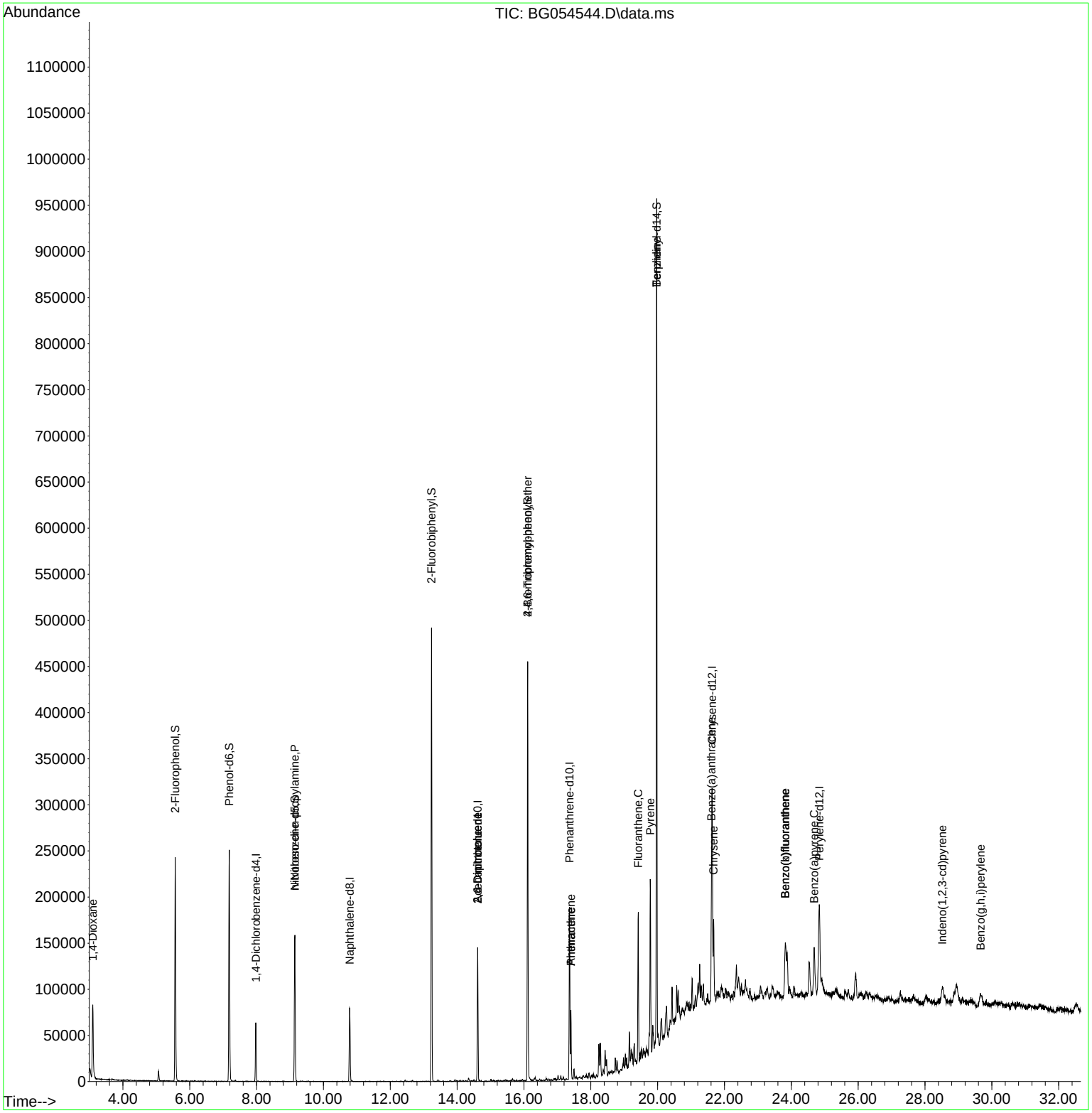
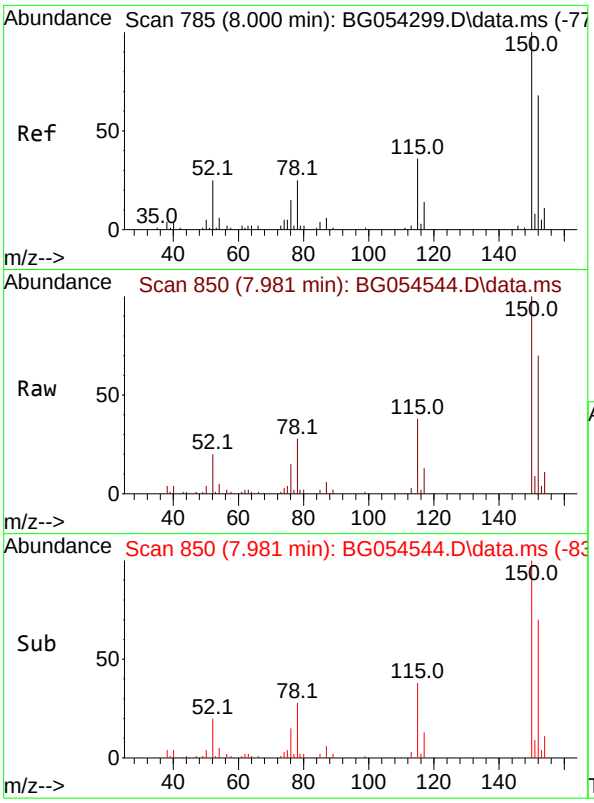


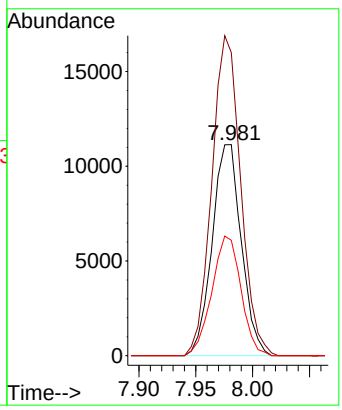


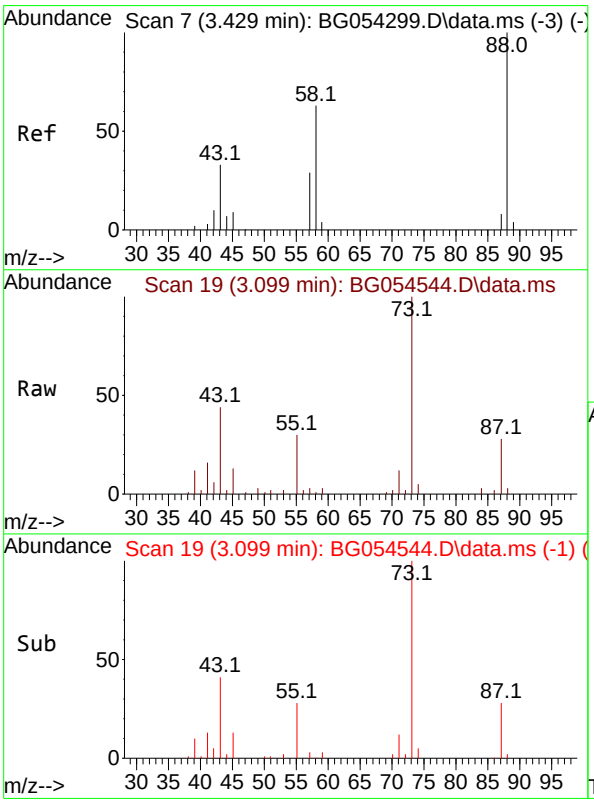
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:152 Resp: 19826

Ion	Ratio	Lower	Upper
152	100		
150	143.5	131.6	197.4
115	54.6	50.9	76.3

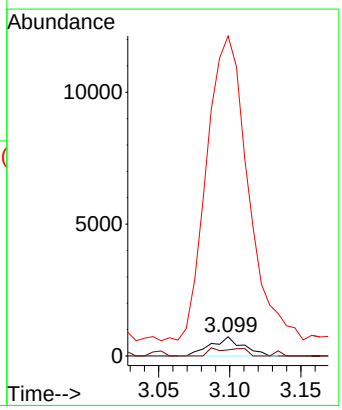


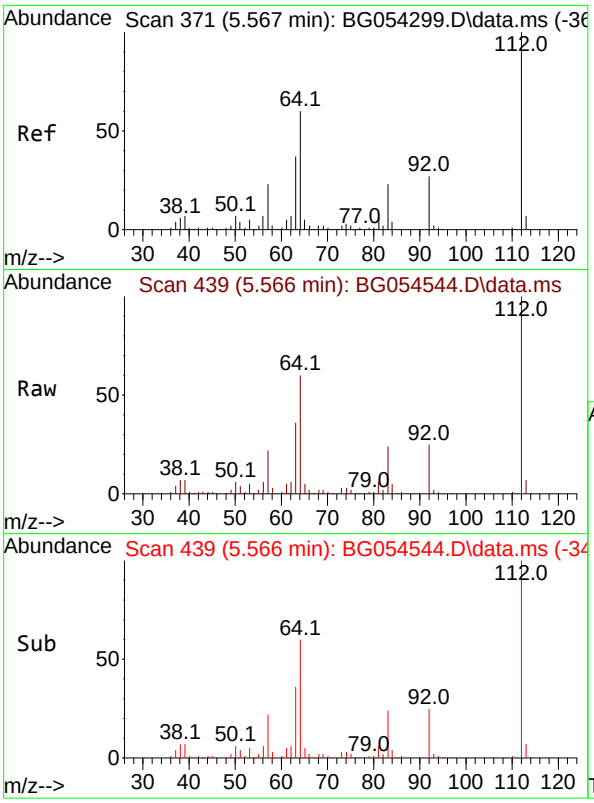


#2
1,4-Dioxane
Concen: 3.007 ng
RT: 3.099 min Scan# 19
Delta R.T. -0.318 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion: 88 Resp: 1136

Ion	Ratio	Lower	Upper
88	100		
58	40.1	59.2	88.8#
43	2238.8	24.3	36.5#



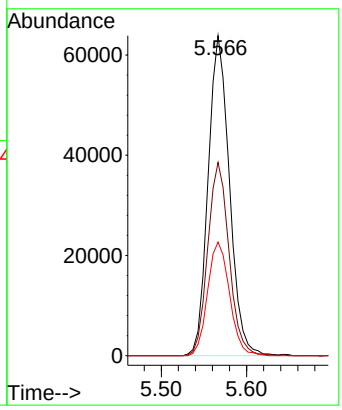


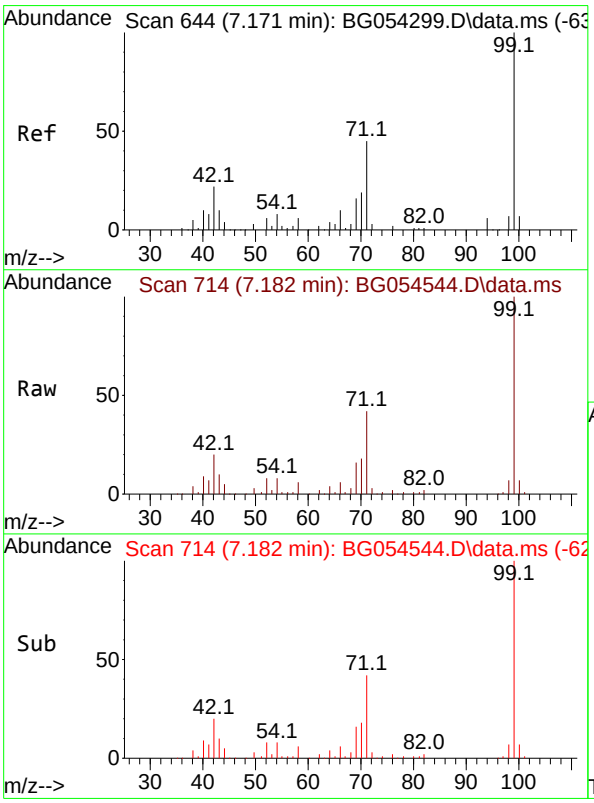
#5
2-Fluorophenol
Concen: 116.808 ng
RT: 5.566 min Scan# 4
Delta R.T. 0.005 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:112 Resp: 110918

Ion	Ratio	Lower	Upper
112	100		
64	60.4	55.1	82.7
63	35.5	30.4	45.6

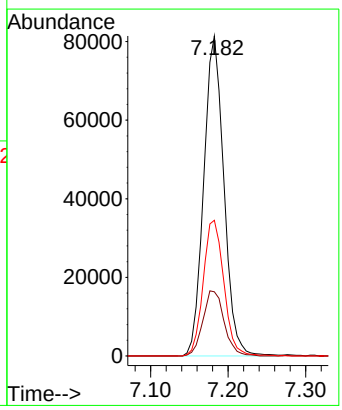


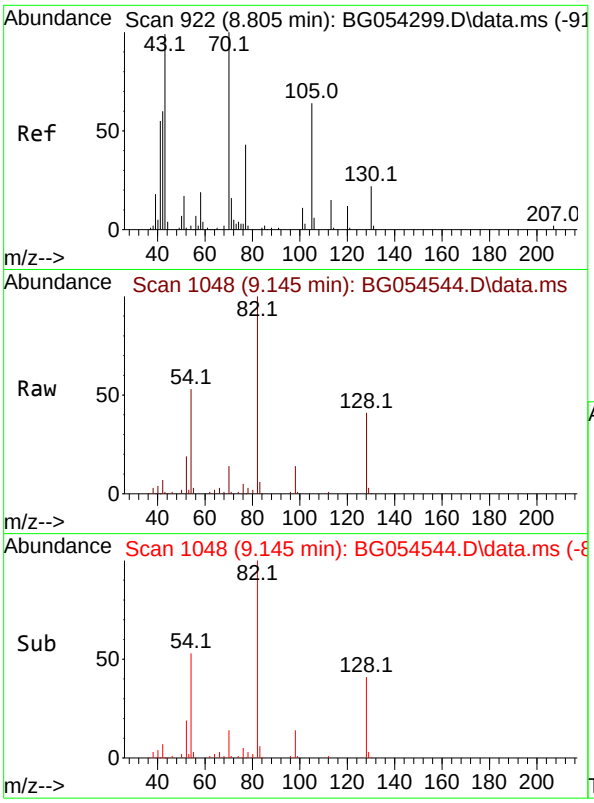


#7
Phenol-d6
Concen: 113.086 ng
RT: 7.182 min Scan# 714
Delta R.T. 0.011 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion: 99 Resp: 147142

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	42.4	33.8	50.8



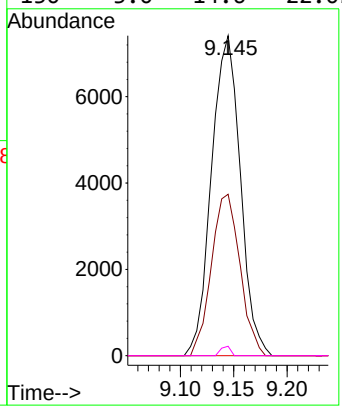


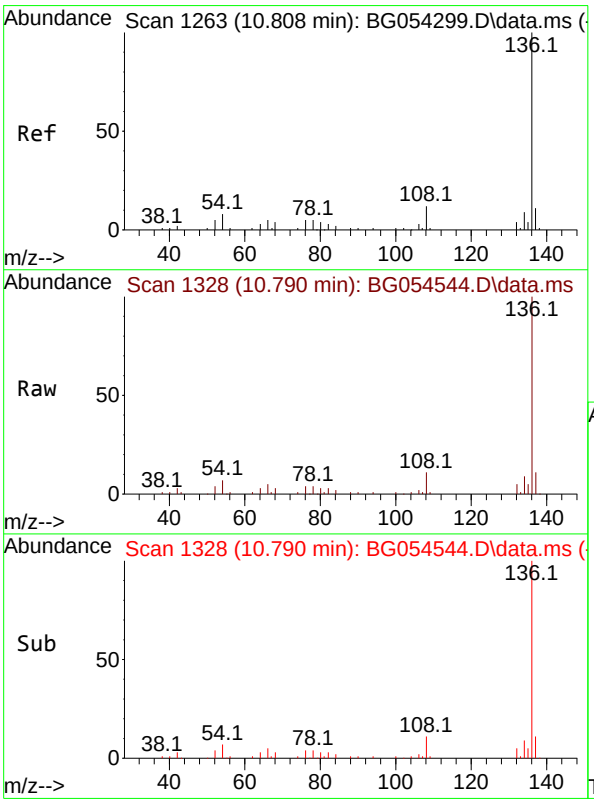
#19
n-Nitroso-di-n-propylamine
Concen: 16.039 ng
RT: 9.145 min Scan# 1
Delta R.T. 0.351 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion: 70 Resp: 13936

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.3	70.9
101	0.0	7.0	10.4#
130	3.0	14.6	22.0#

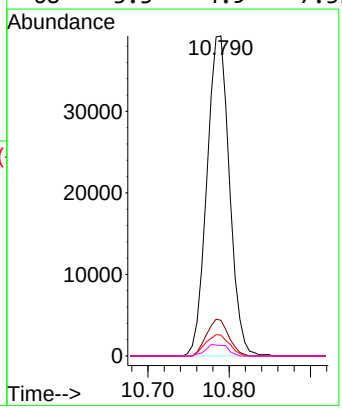


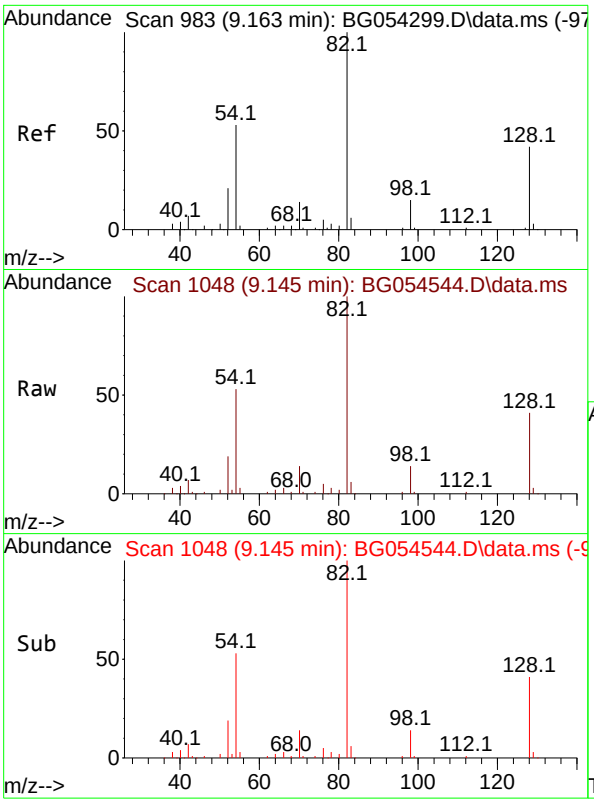


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:136 Resp: 75935

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.6	7.4	11.2#
68	3.3	4.9	7.3#



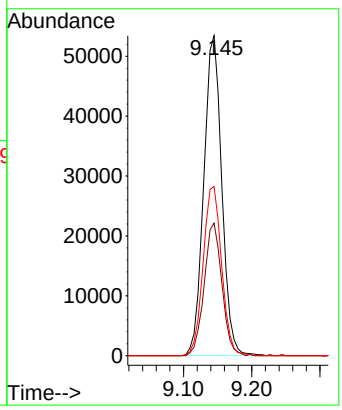


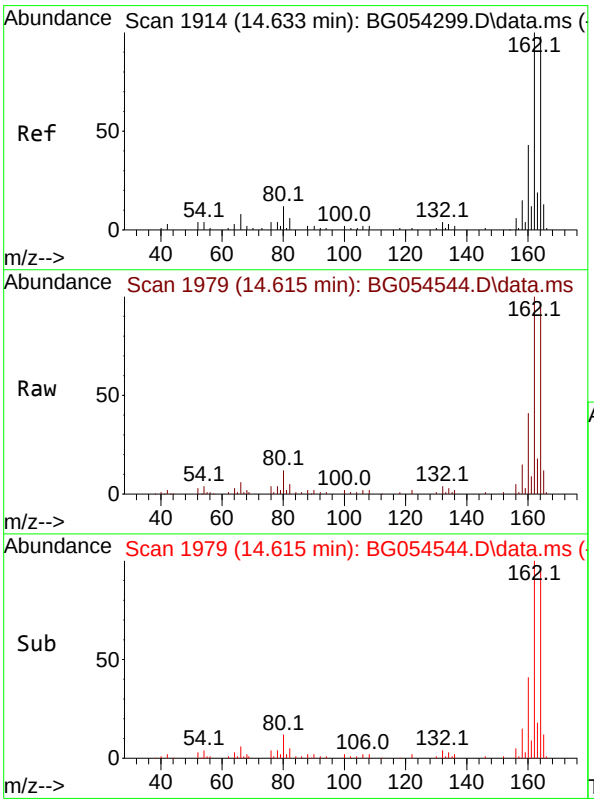
#23
Nitrobenzene-d5
Concen: 70.444 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion: 82 Resp: 98227

Ion	Ratio	Lower	Upper
82	100		
128	41.5	27.9	41.9
54	52.9	41.2	61.8

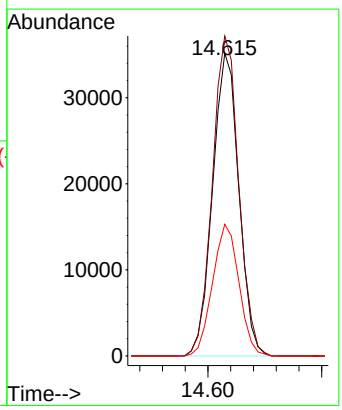


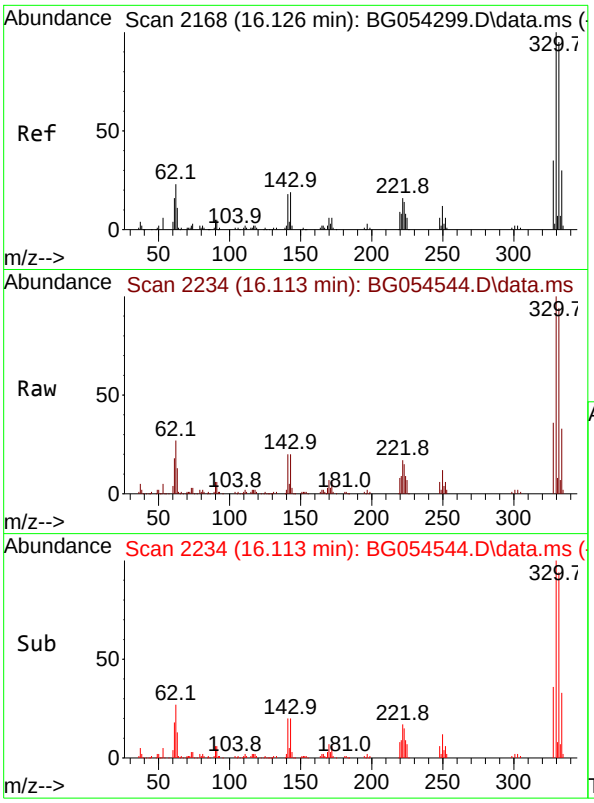


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:164 Resp: 56306

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.3	123.5
160	43.5	34.2	51.2



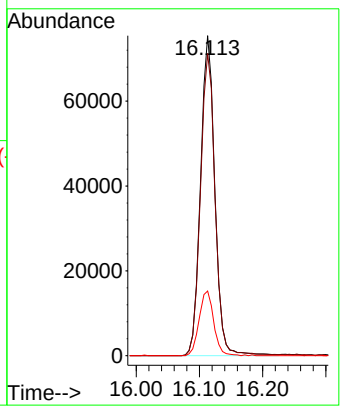


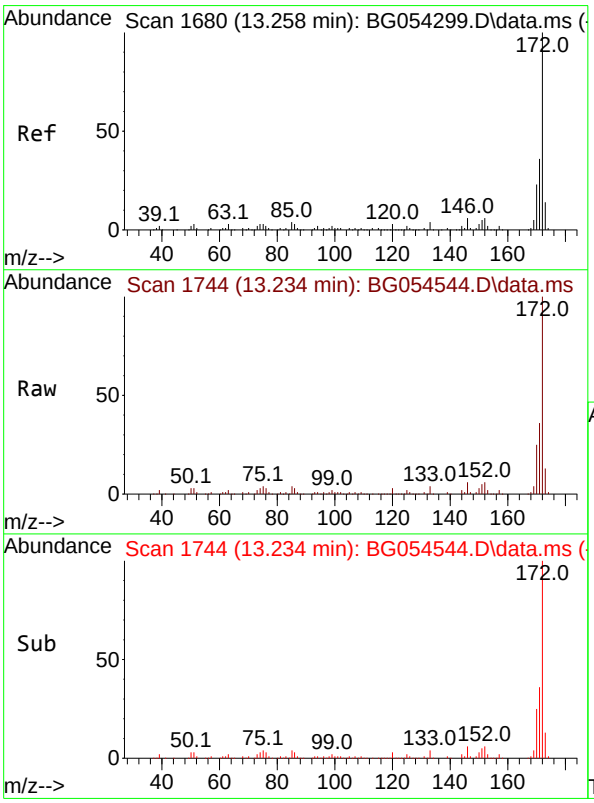
#42
2,4,6-Tribromophenol
Concen: 100.493 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:330 Resp: 118805

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	20.6	27.1	40.7#

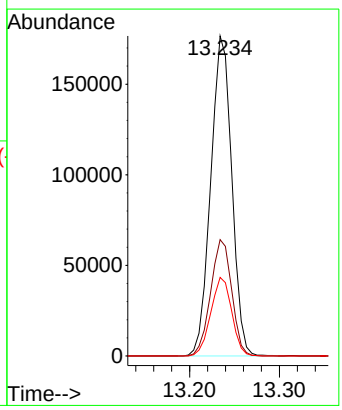


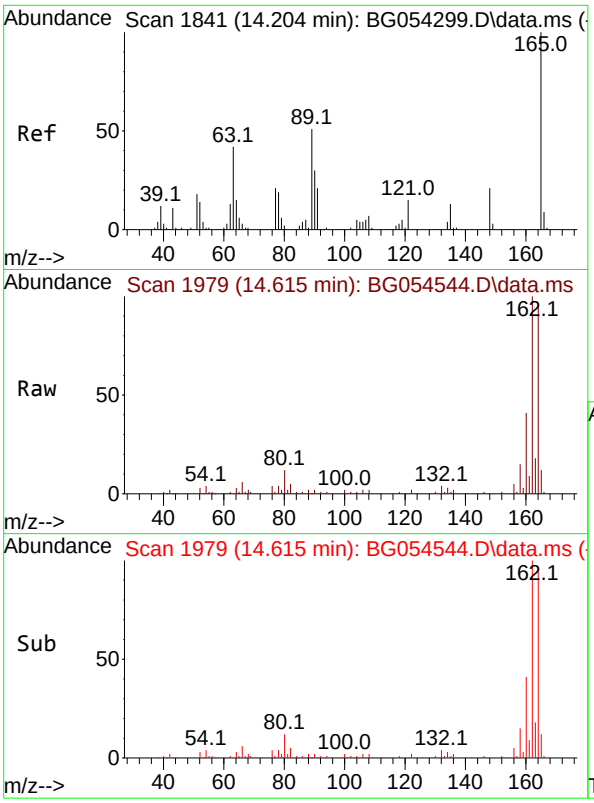


#45
2-Fluorobiphenyl
Concen: 71.987 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.013 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:172 Resp: 287325

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



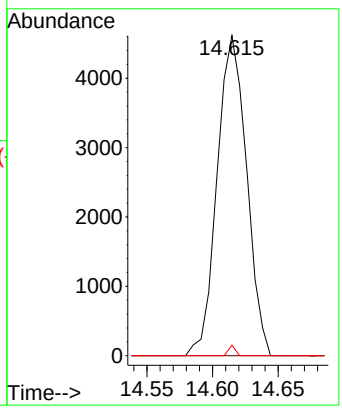


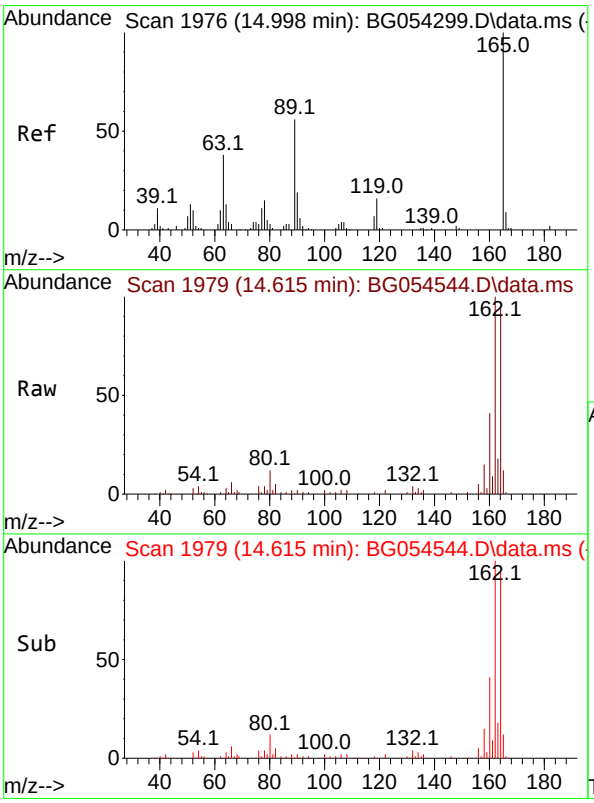
#51
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 14.615 min Scan# 1
Delta R.T. 0.416 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:165 Resp: 7197

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	3.3	54.8	82.2#

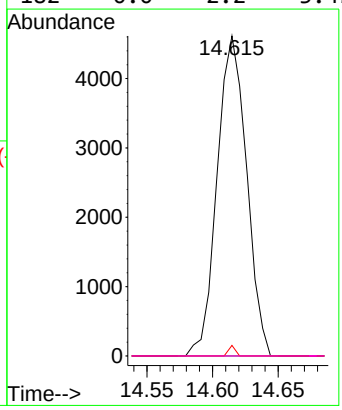


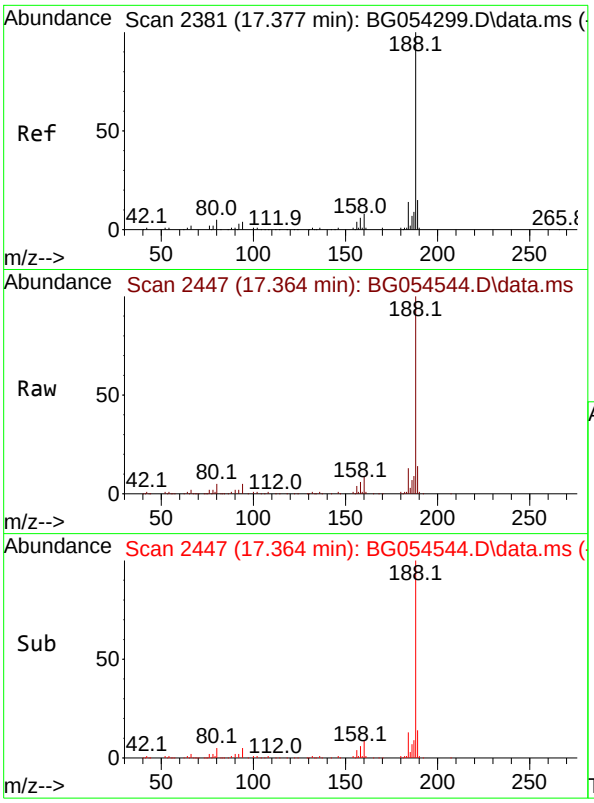


#57
2,4-Dinitrotoluene
Concen: 5.204 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.377 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:165 Resp: 7197

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	3.3	60.3	90.5#
182	0.0	2.2	3.4#



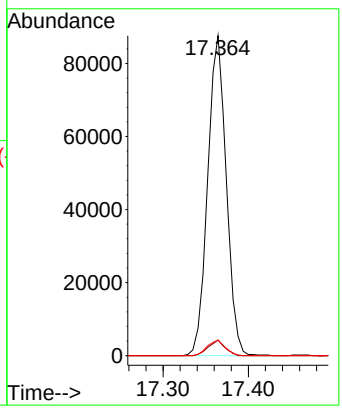


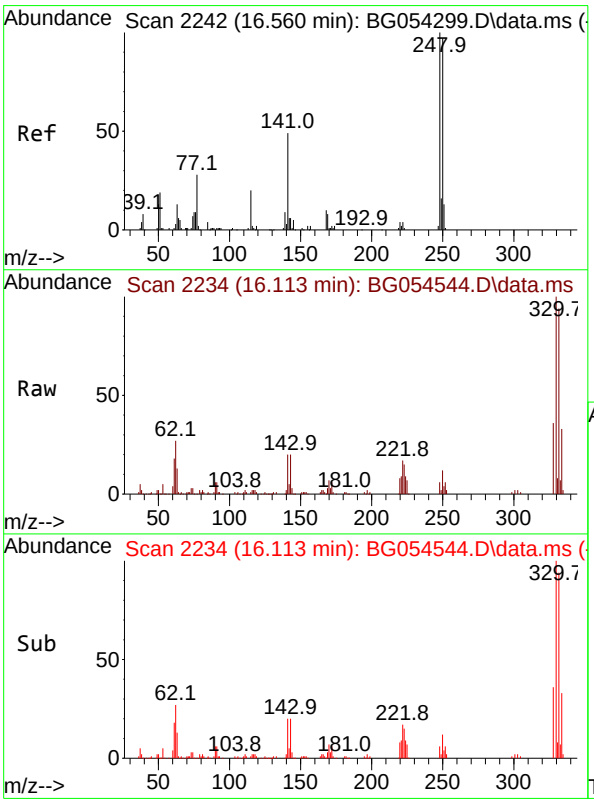
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:188 Resp: 132469

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.4	8.0#
80	4.8	6.8	10.2#

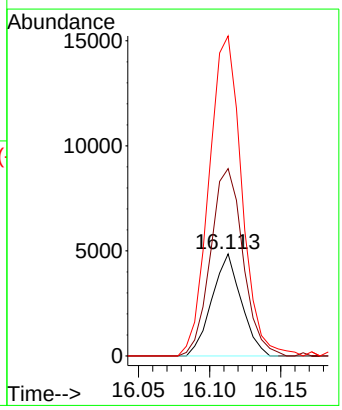


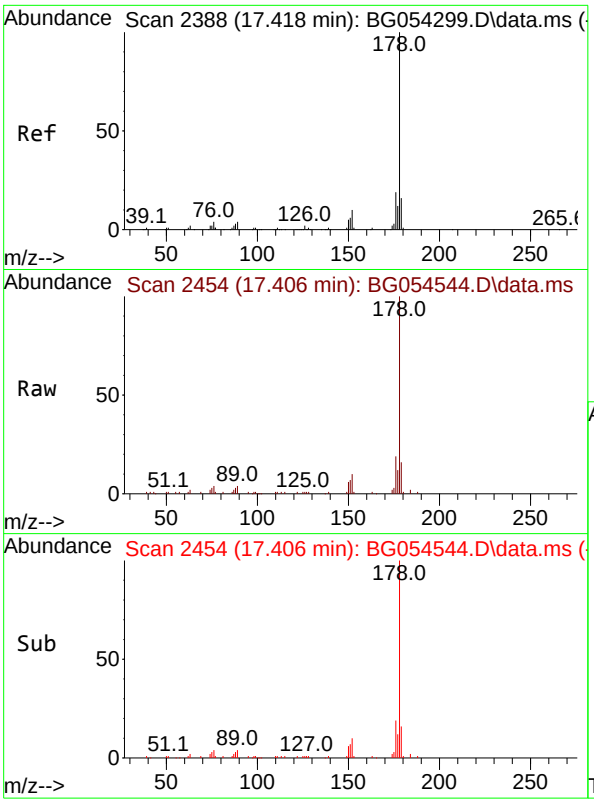


#67
4-Bromophenyl-phenylether
Concen: 3.766 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:248 Resp: 7006

Ion	Ratio	Lower	Upper
248	100		
250	183.5	75.2	112.8#
141	313.4	50.0	75.0#



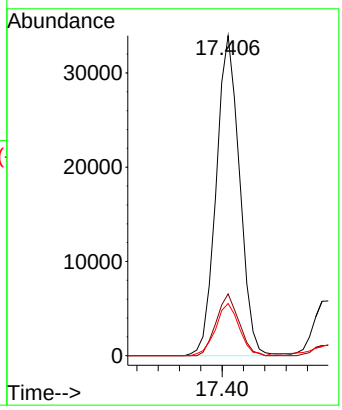


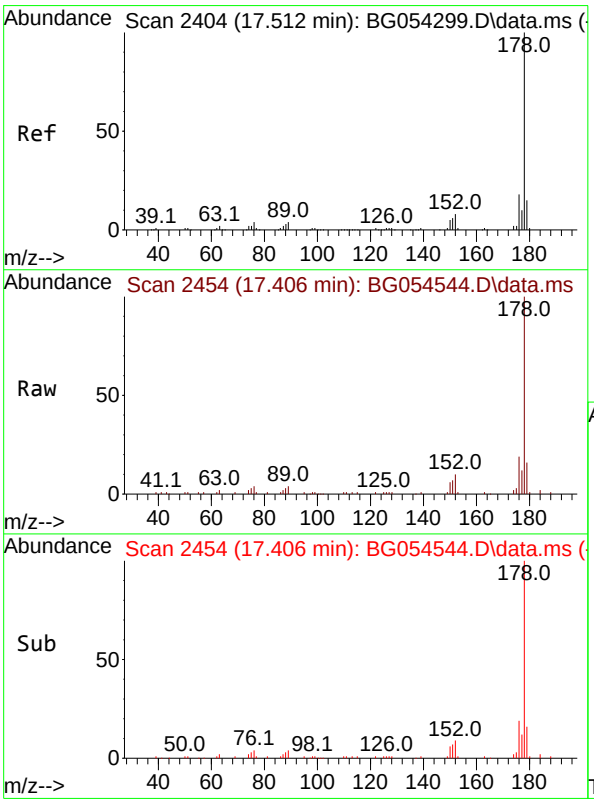
#71
Phenanthrene
Concen: 7.833 ng
RT: 17.406 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:178 Resp: 51674

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	16.3	12.1	18.1

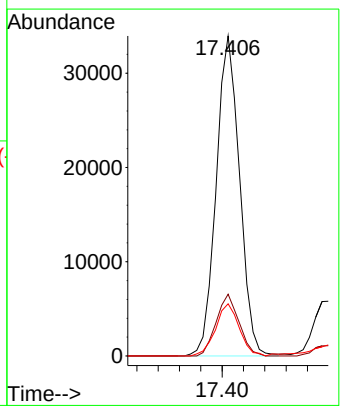


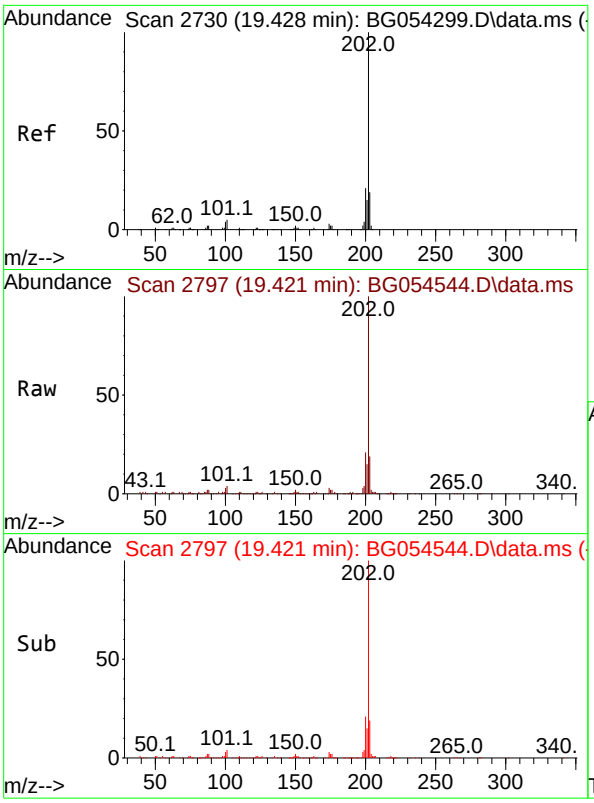


#72
Anthracene
Concen: 7.982 ng
RT: 17.406 min Scan# 2454
Delta R.T. -0.095 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:178 Resp: 51674

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	16.3	13.0	19.4



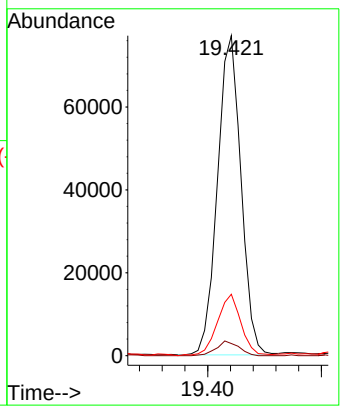


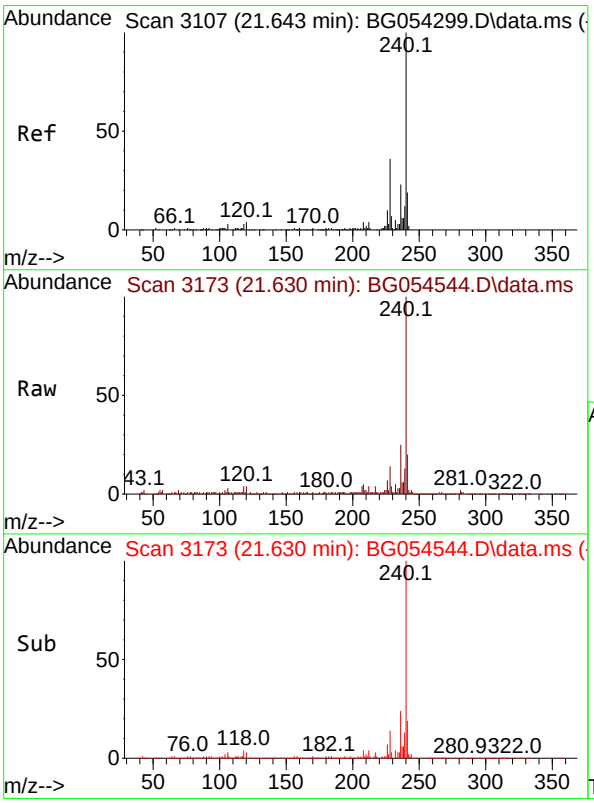
#75
Fluoranthene
Concen: 12.297 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:202 Resp: 110584

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	26.9
203	19.2	0.0	37.2

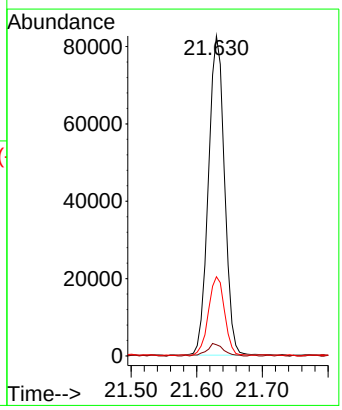


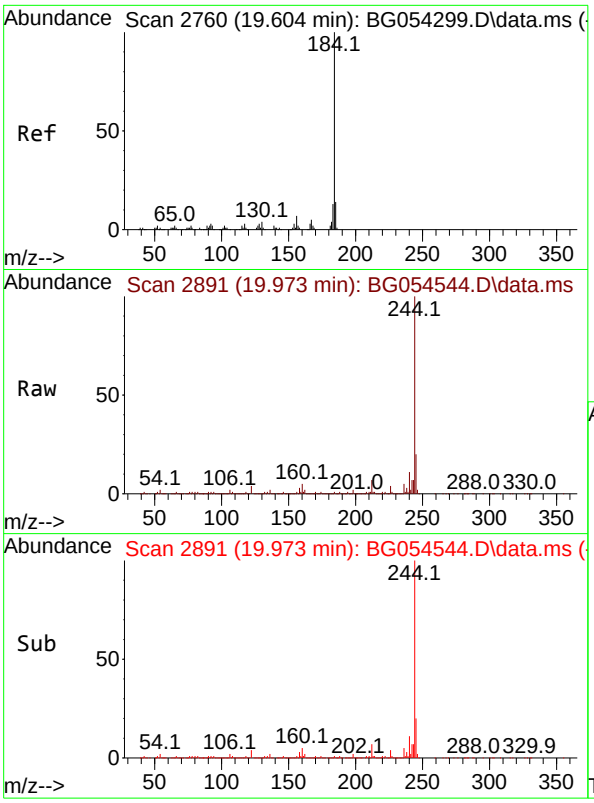


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:240 Resp: 140712

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.6	7.0#
236	24.7	20.2	30.4



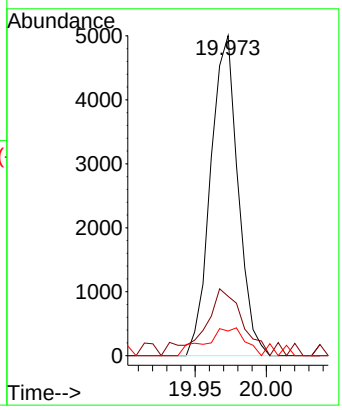


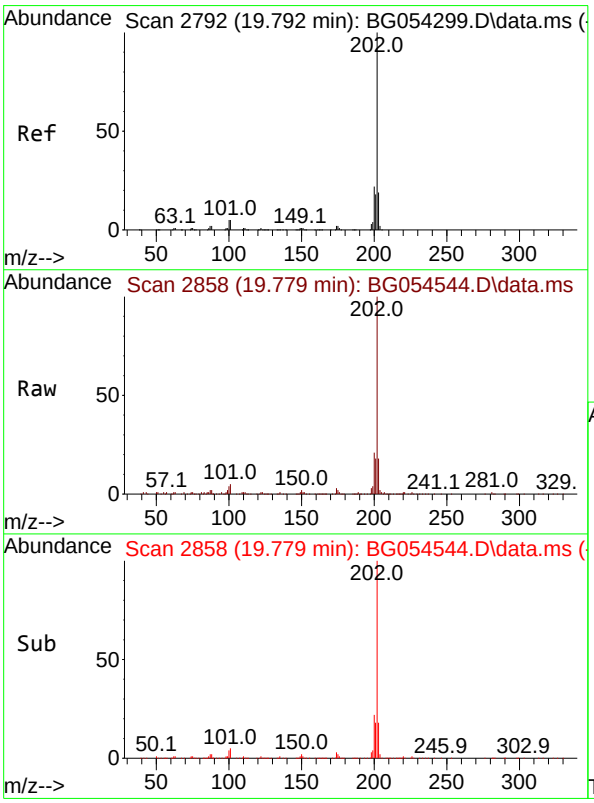
#77
Benzidine
Concen: 2.638 ng
RT: 19.973 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:184 Resp: 6723

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.8	17.6#
183	7.7	8.9	13.3#

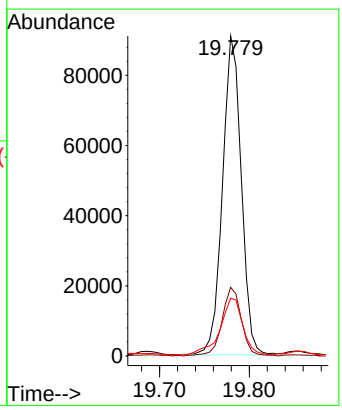


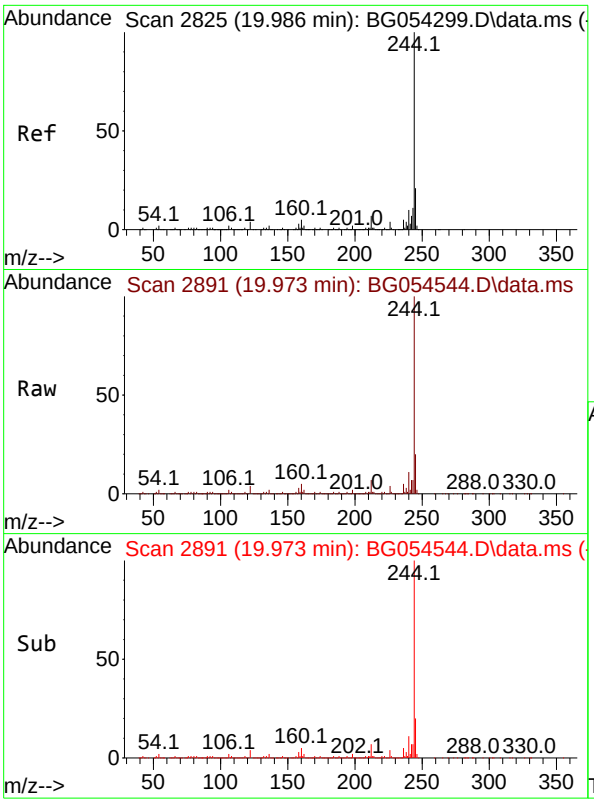


#78
Pyrene
Concen: 16.391 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:202 Resp: 132341

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.1	14.6	21.8



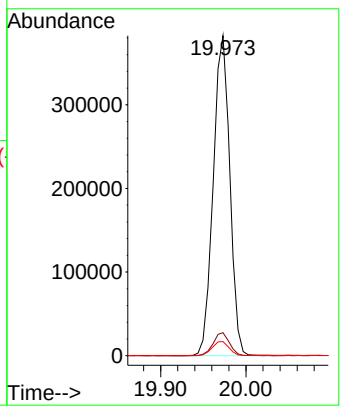


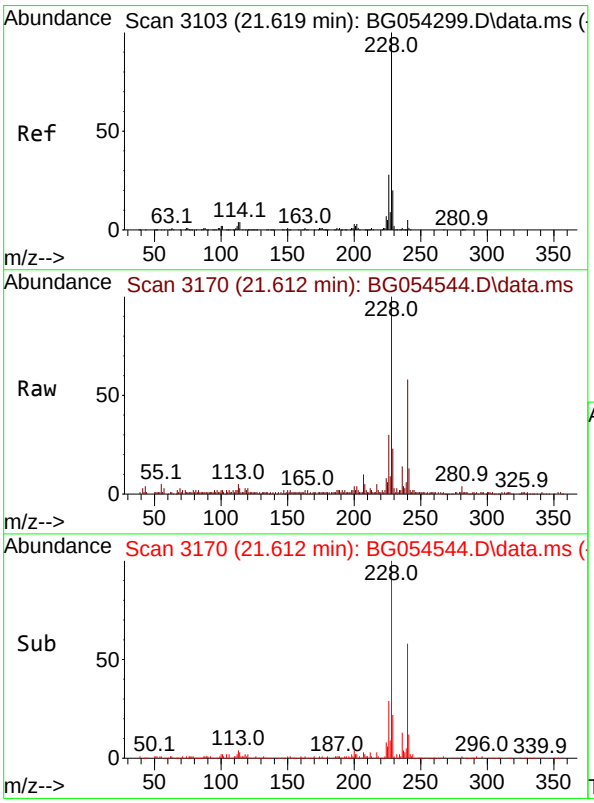
#79
Terphenyl-d14
Concen: 72.853 ng
RT: 19.973 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:244 Resp: 516748

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.4	5.0	7.4#

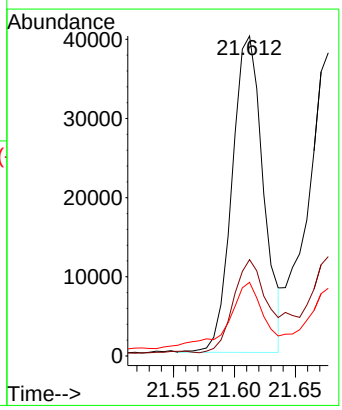


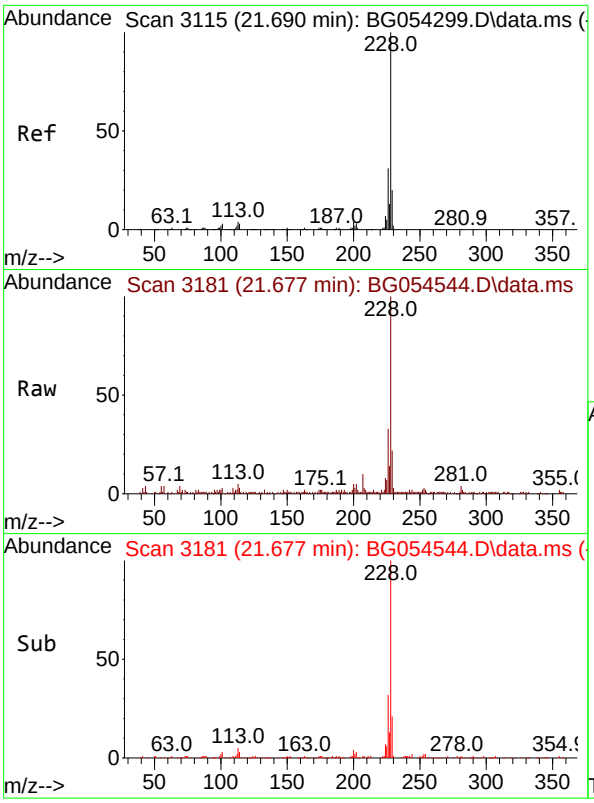


#81
Benzo(a)anthracene
Concen: 7.983 ng
RT: 21.612 min Scan# 3170
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:228 Resp: 71304

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.6	32.4
229	23.0	16.2	24.2



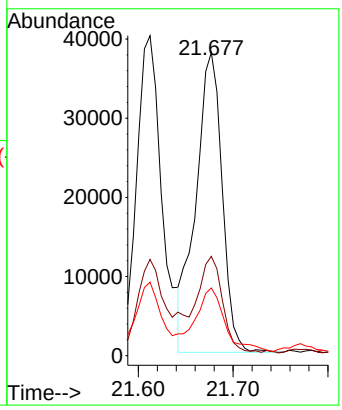


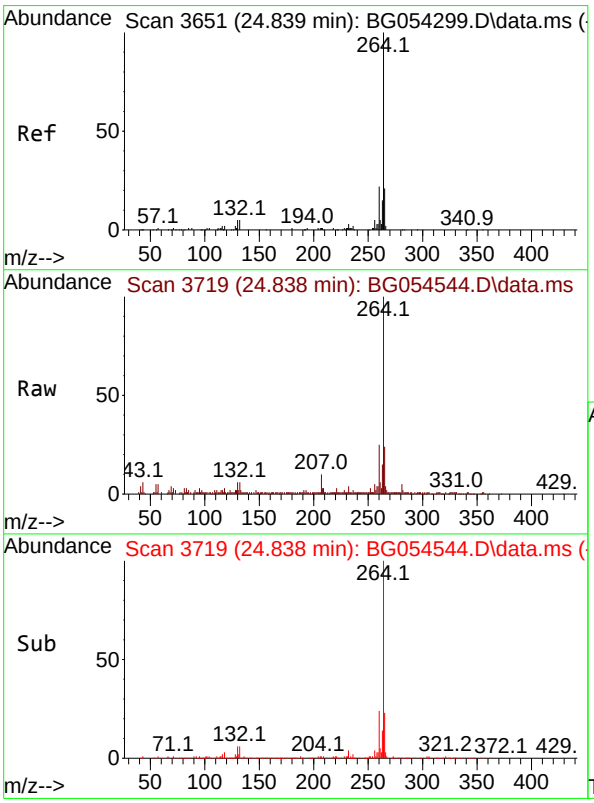
#83
Chrysene
Concen: 8.667 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:228 Resp: 73141

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.2
229	22.3	15.5	23.3

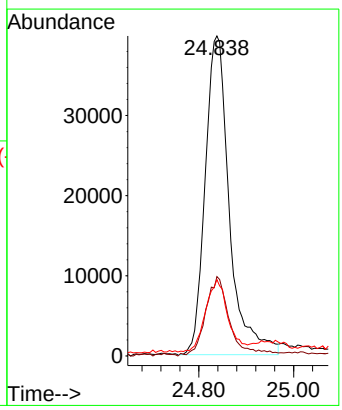


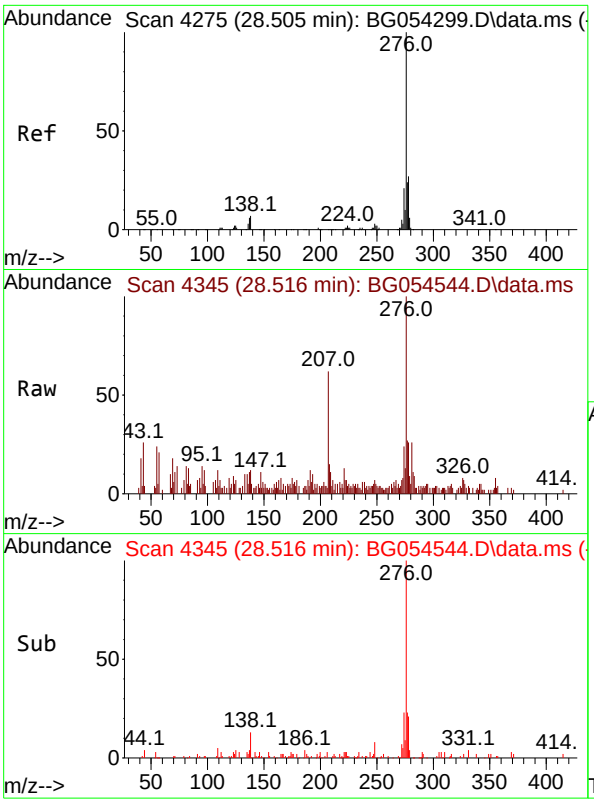


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:264 Resp: 141082

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.6
265	23.8	17.4	26.2



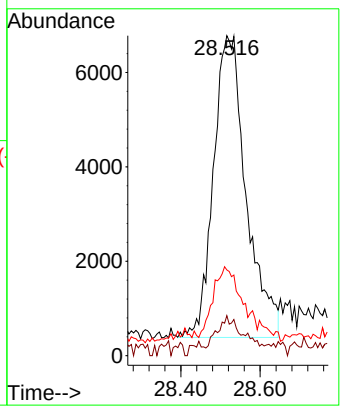


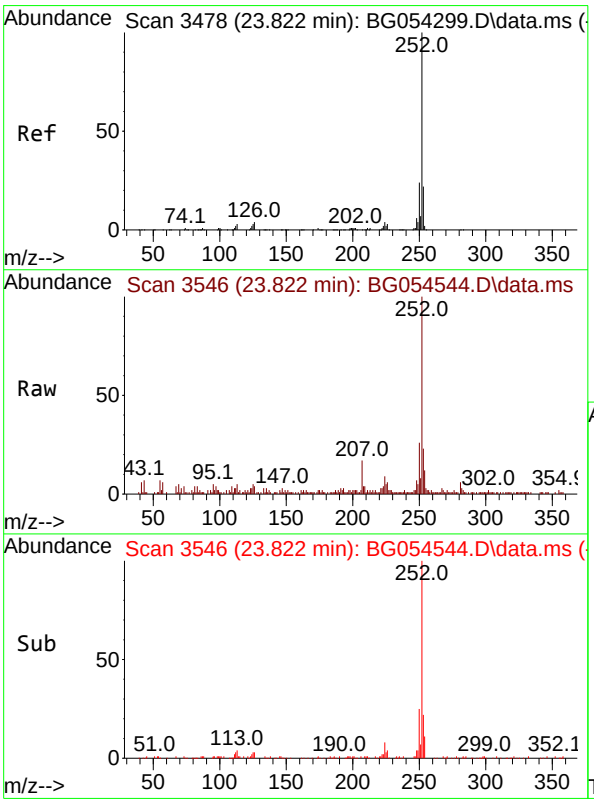
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.407 ng
RT: 28.516 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:276 Resp: 36565

Ion	Ratio	Lower	Upper
276	100		
138	7.7	5.0	7.4#
277	20.0	20.3	30.5#

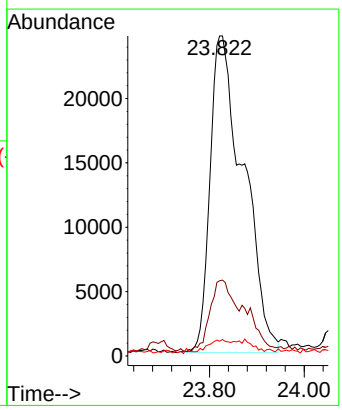


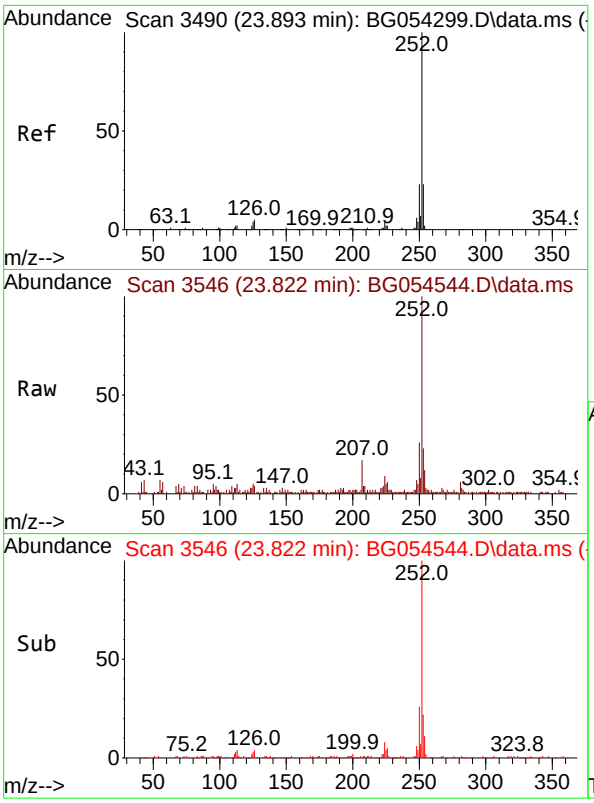


#88
Benzo(b)fluoranthene
Concen: 14.417 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:252 Resp: 120285

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	4.6	4.6	6.8



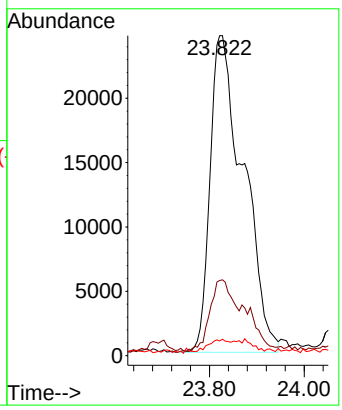


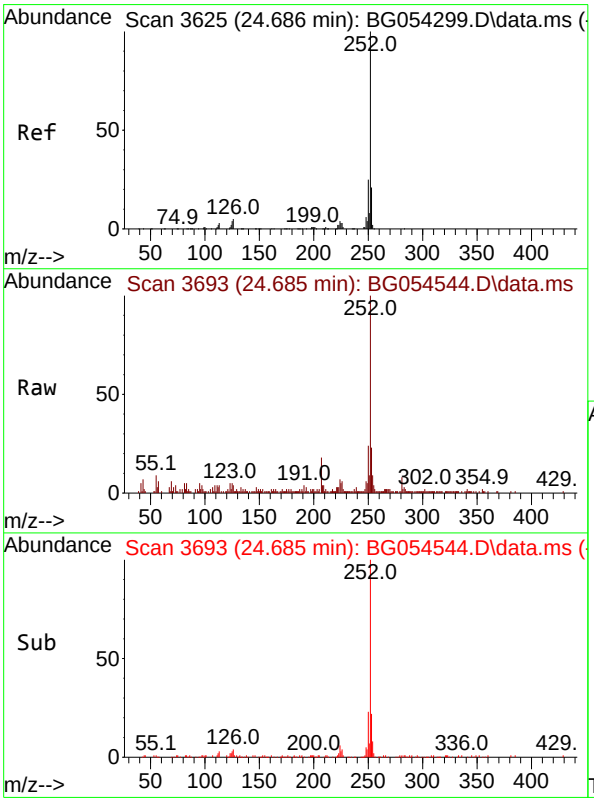
#89
Benzo(k)fluoranthene
Concen: 14.486 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.066 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:252 Resp: 120285

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	4.6	4.8	7.2#

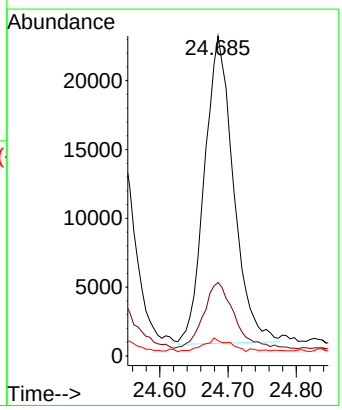


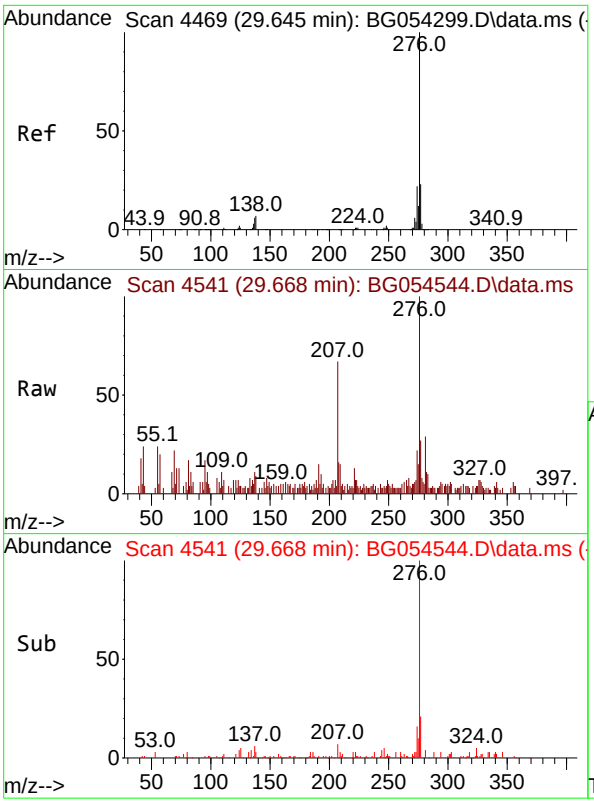


#90
Benzo(a)pyrene
Concen: 9.274 ng
RT: 24.685 min Scan# 3693
Delta R.T. -0.001 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Tgt Ion:252 Resp: 66079

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	4.8	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 4.298 ng
RT: 29.668 min Scan# 4
Delta R.T. 0.005 min
Lab File: BG054544.D
Acq: 5 Aug 2022 21:11

Instrument :
BNA_G
ClientSampleId :
RVE-185

Tgt Ion:276 Resp: 37434

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.3	25.9#
138	8.8	9.6	14.4#