Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054504.D
Acq On : 3 Aug 2022 18:05
Operator : CG/JU
Sample : N3935-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-143

Quant Time: Aug 04 00:44:15 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	7.977	152	19300	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	73362	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	55481	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	131178	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	148224	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	157347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	126278	136.608	ng	0.00
7) Phenol-d6	7.183	99	166461	131.420	ng	0.01
23) Nitrobenzene-d5	9.146	82	112206	83.291	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	141586	121.544	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	329661	83.822	ng	0.00
79) Terphenyl-d14	19.974	244	612701	82.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.094	88	815	2.216	ng	# 1
19) n-Nitroso-di-n-propyla...	9.146	70	16028	18.950	ng	# 76
51) 2,6-Dinitrotoluene	14.616	165	7765	8.169	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	7765	5.698	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	8565	4.649	ng	# 1
71) Phenanthrene	17.407	178	18787	2.876	ng	98
75) Fluoranthene	19.422	202	46899	5.267	ng	97
77) Benzidine	19.974	184	8065	3.004	ng	# 91
78) Pyrene	19.780	202	51817	6.093	ng	96
81) Benzo(a)anthracene	21.613	228	31101	3.305	ng	96
83) Chrysene	21.678	228	40127	4.514	ng	92
87) Indeno(1,2,3-cd)pyrene	28.511	276	32288	2.697	ng	# 94
88) Benzo(b)fluoranthene	23.823	252	55043	5.915	ng	97
89) Benzo(k)fluoranthene	23.823	252	55043	5.944	ng	# 98
90) Benzo(a)pyrene	24.686	252	38833	4.887	ng	# 95
92) Benzo(g,h,i)perylene	29.657	276	32845	3.381	ng	# 91

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

Quantitation Report (Not Reviewed)

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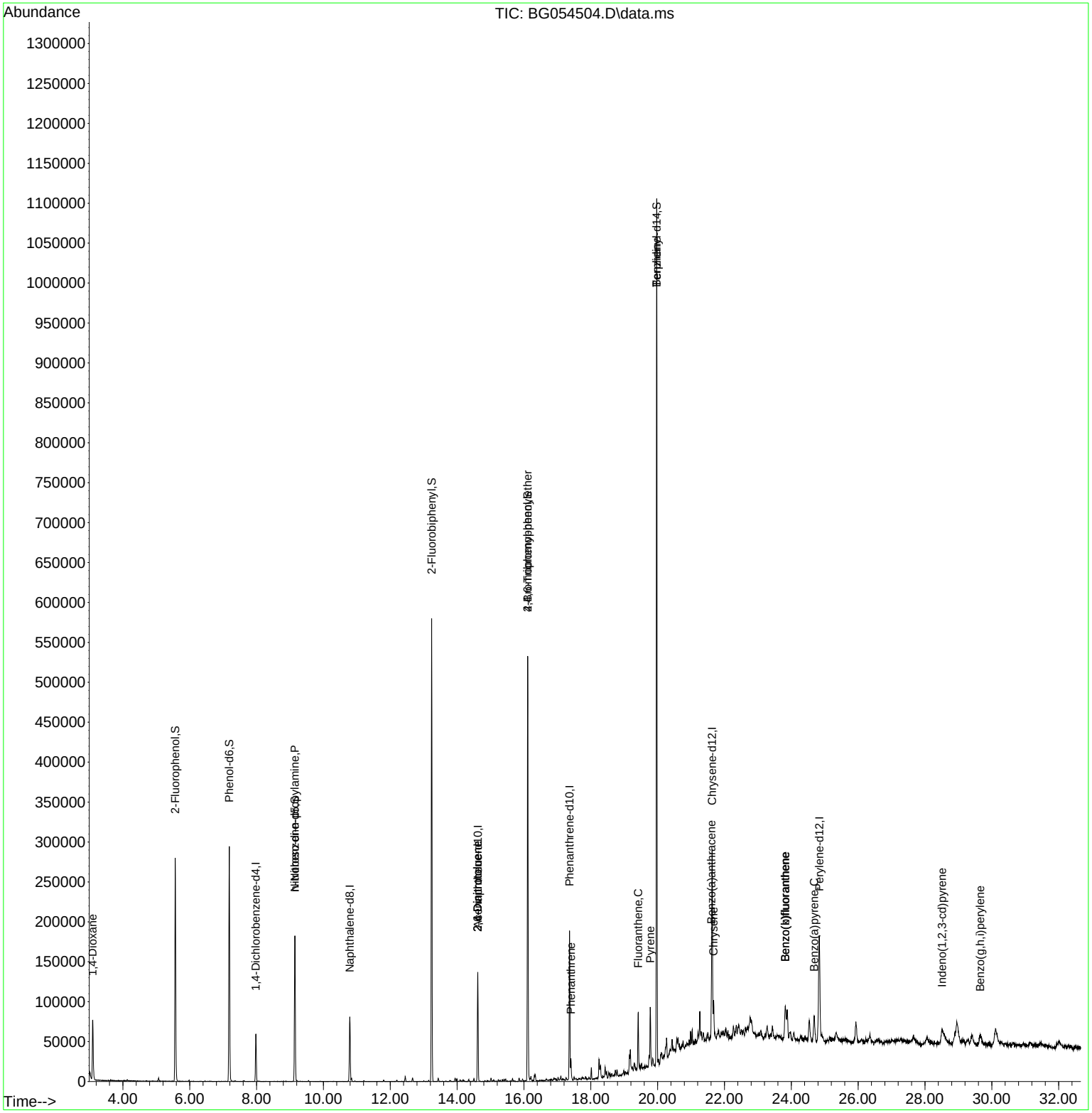
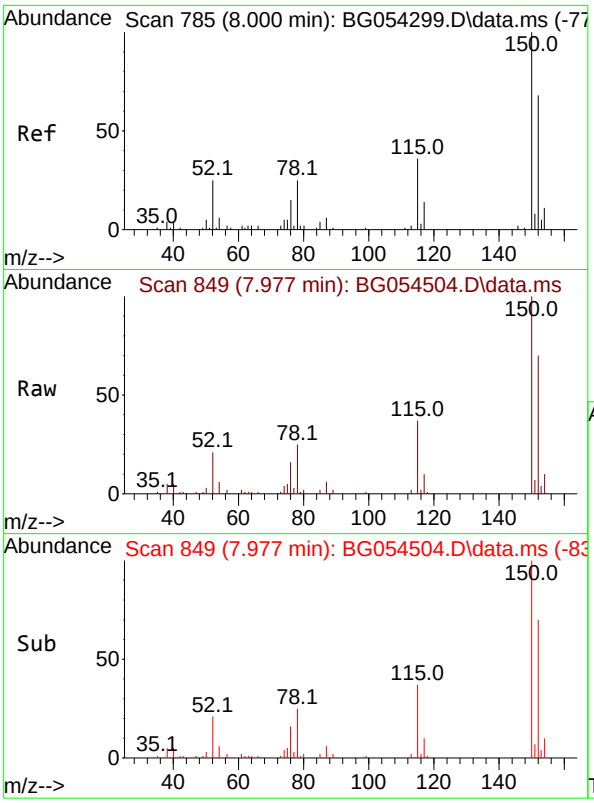


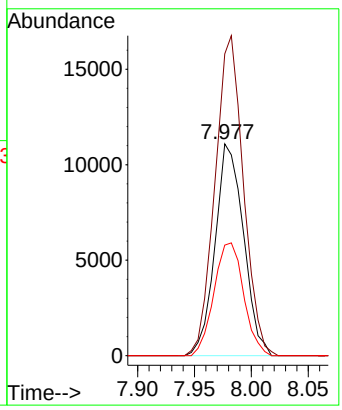


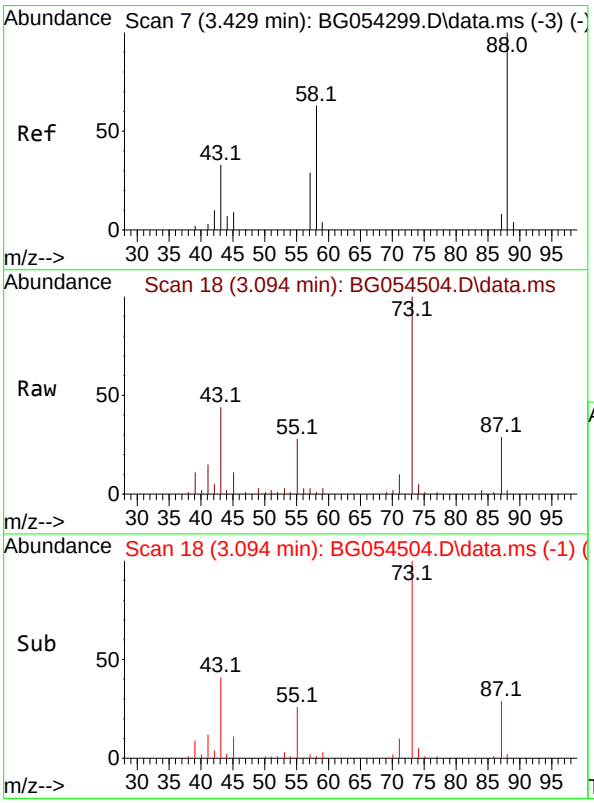
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.977 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:152 Resp: 19300

Ion	Ratio	Lower	Upper
152	100		
150	142.4	131.6	197.4
115	52.2	50.9	76.3

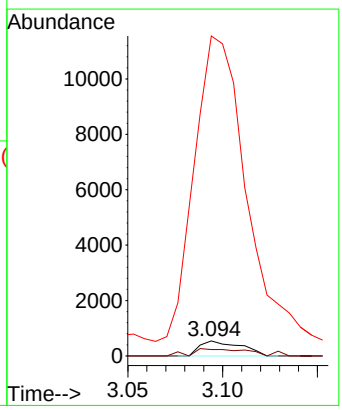


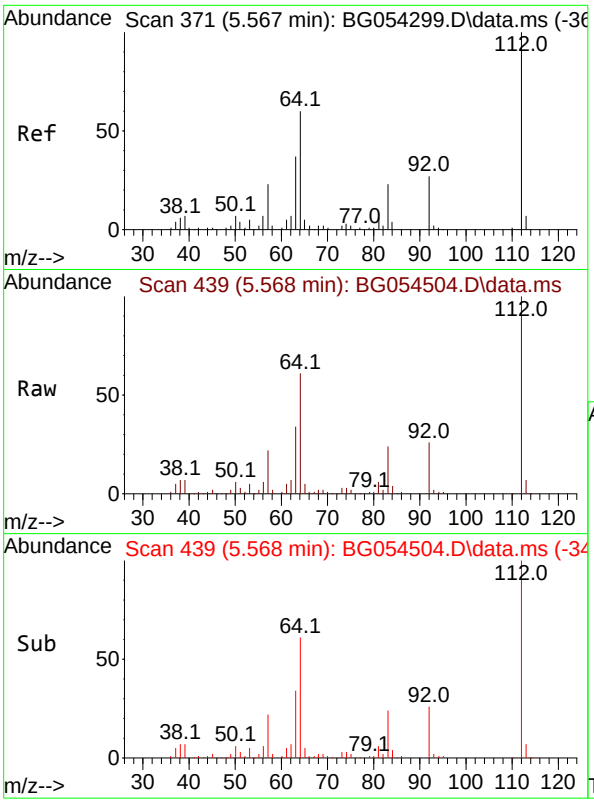


#2
1,4-Dioxane
Concen: 2.216 ng
RT: 3.094 min Scan# 18
Delta R.T. -0.323 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion: 88 Resp: 815

Ion	Ratio	Lower	Upper
88	100		
58	69.7	59.2	88.8
43	2651.3	24.3	36.5#



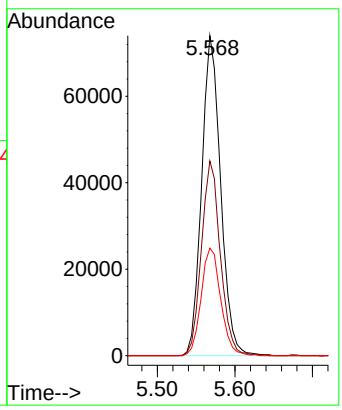


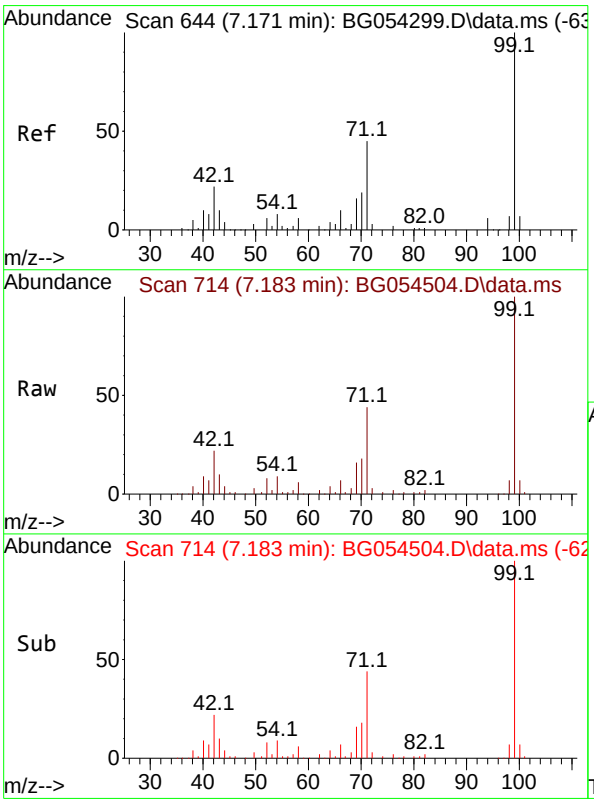
#5
2-Fluorophenol
Concen: 136.608 ng
RT: 5.568 min Scan# 4
Delta R.T. 0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:112 Resp: 126278

Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.1	82.7
63	33.6	30.4	45.6

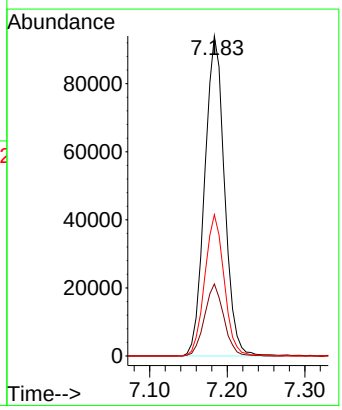


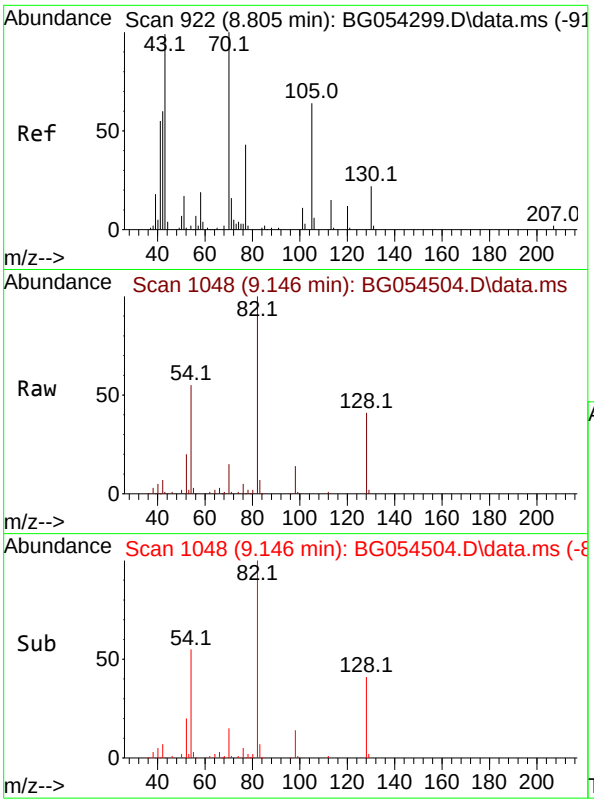


#7
Phenol-d6
Concen: 131.420 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.012 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion: 99 Resp: 166461

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.0	25.6
71	44.2	33.8	50.8



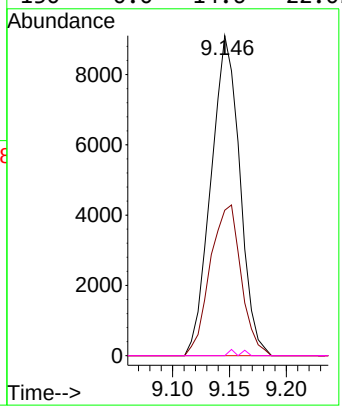


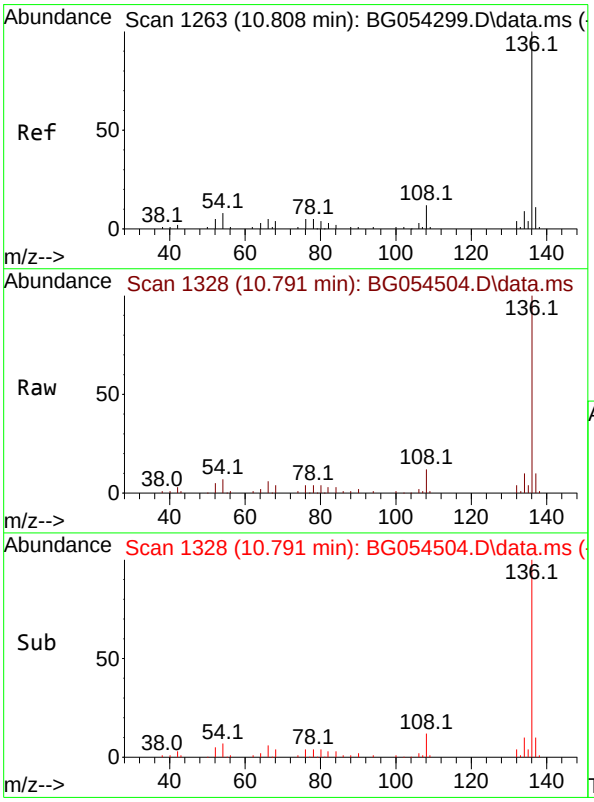
#19
n-Nitroso-di-n-propylamine
Concen: 18.950 ng
RT: 9.146 min Scan# 1
Delta R.T. 0.352 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion: 70 Resp: 16028

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.3	70.9#
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

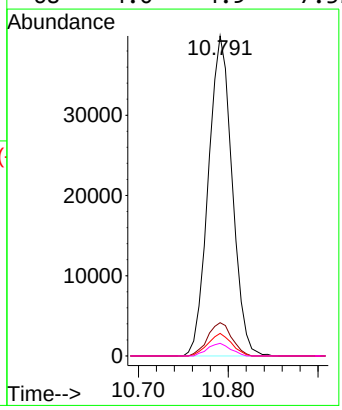


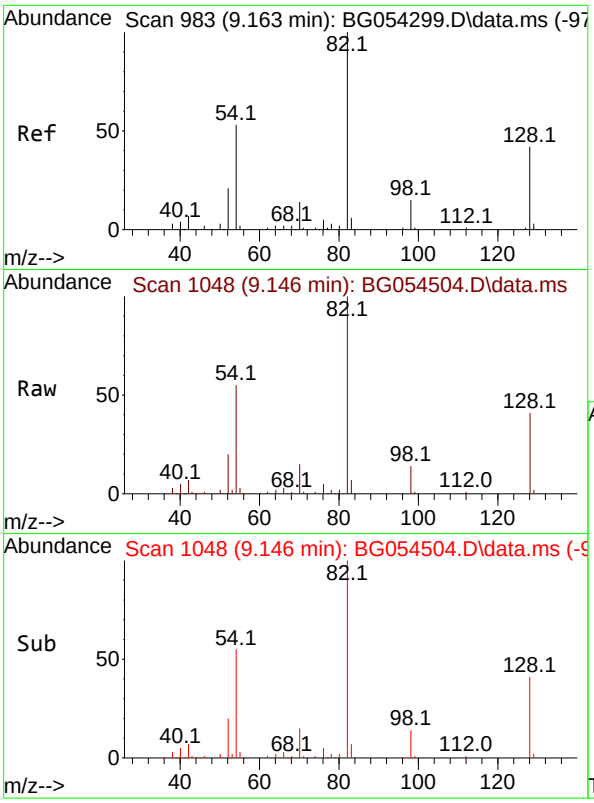


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:136 Resp: 73362

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.1	7.4	11.2#
68	4.0	4.9	7.3#



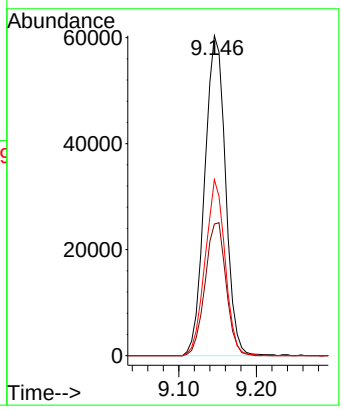


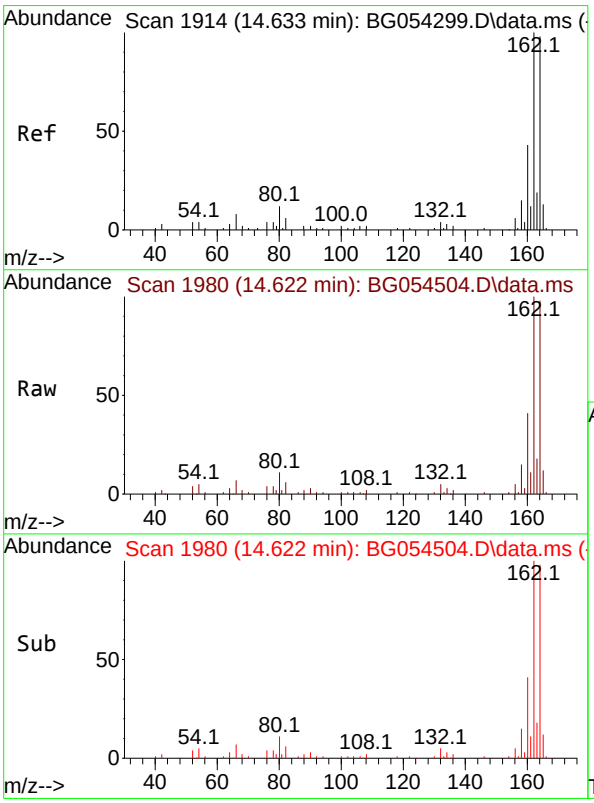
#23
Nitrobenzene-d5
Concen: 83.291 ng
RT: 9.146 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion: 82 Resp: 112206

Ion	Ratio	Lower	Upper
82	100		
128	41.1	27.9	41.9
54	55.0	41.2	61.8

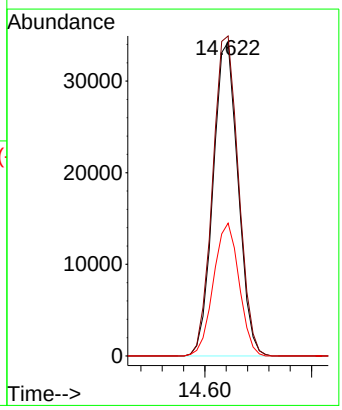


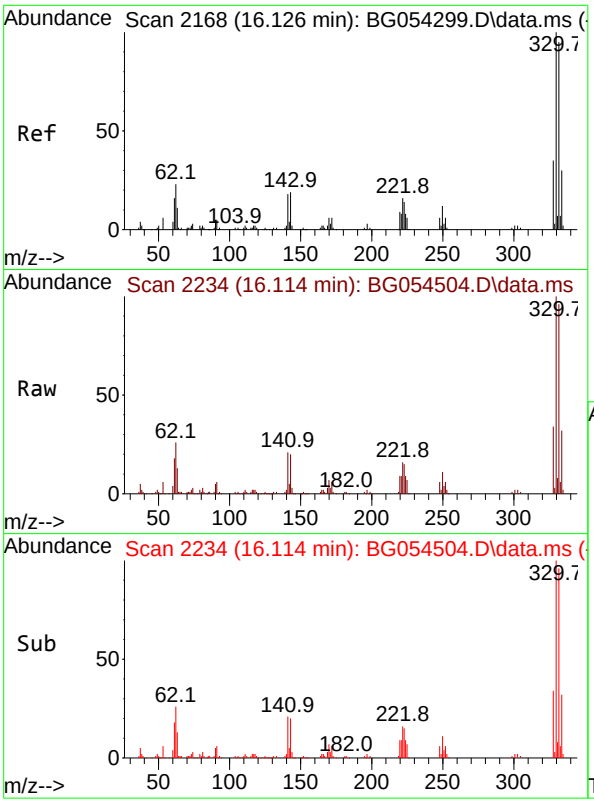


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:164 Resp: 55481

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	42.3	34.2	51.2



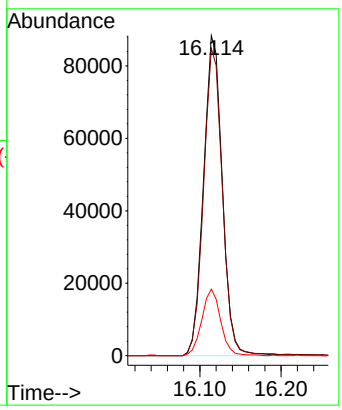


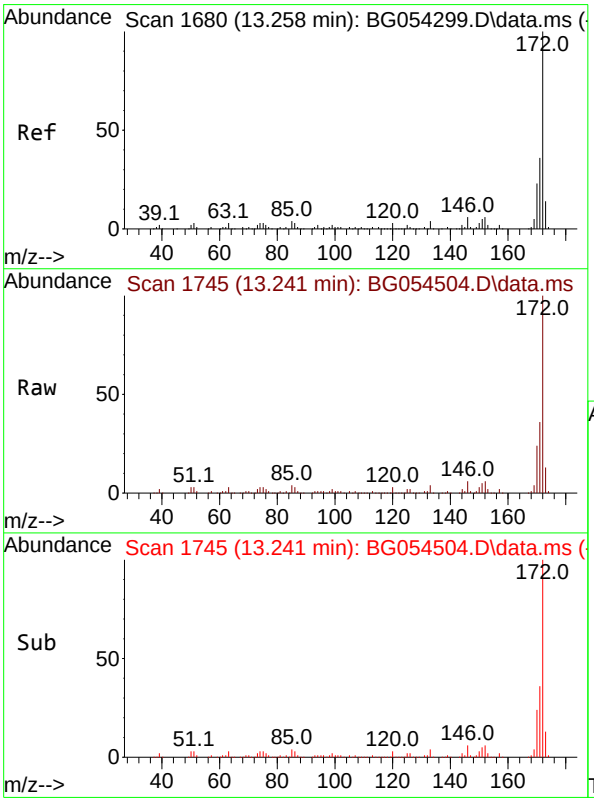
#42
2,4,6-Tribromophenol
Concen: 121.544 ng
RT: 16.114 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:330 Resp: 141586

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	20.8	27.1	40.7#

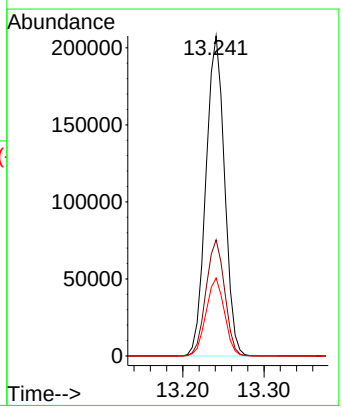


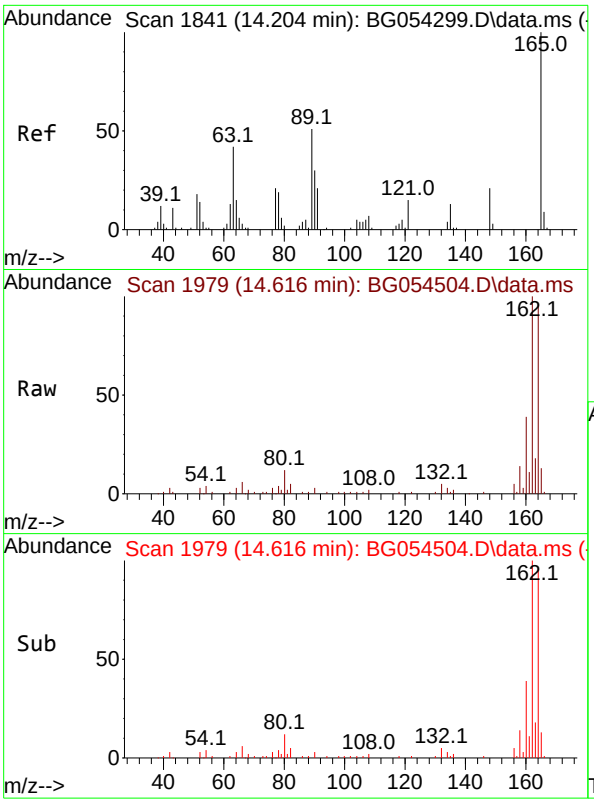


#45
2-Fluorobiphenyl
Concen: 83.822 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:172 Resp: 329661

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	24.3	18.9	28.3



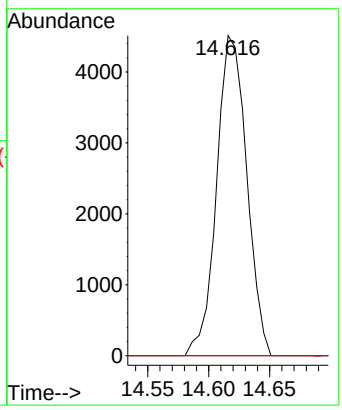


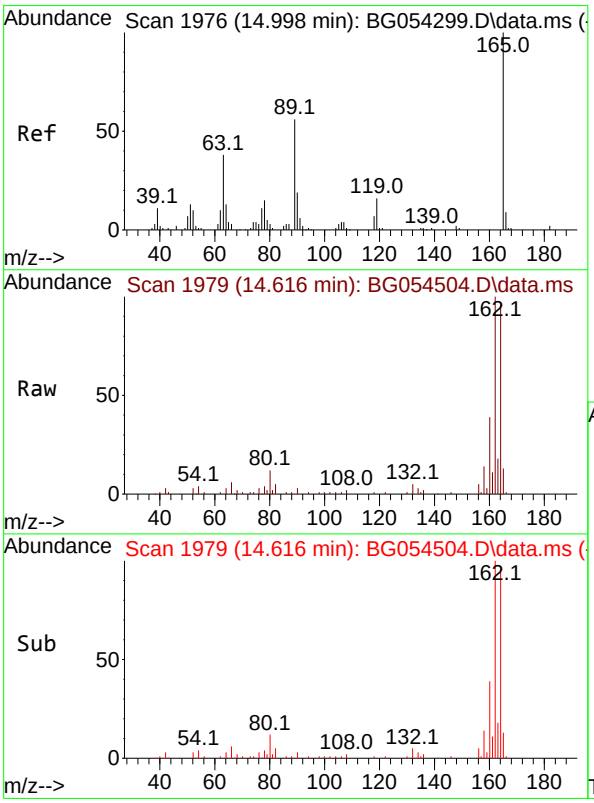
#51
2,6-Dinitrotoluene
Concen: 8.169 ng
RT: 14.616 min Scan# 1
Delta R.T. 0.417 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:165 Resp: 7765

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

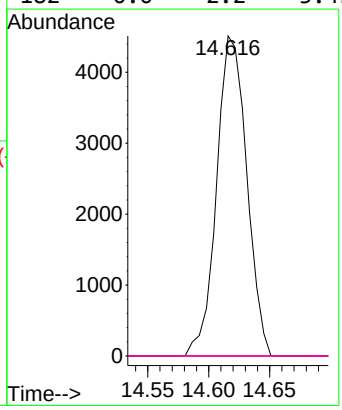


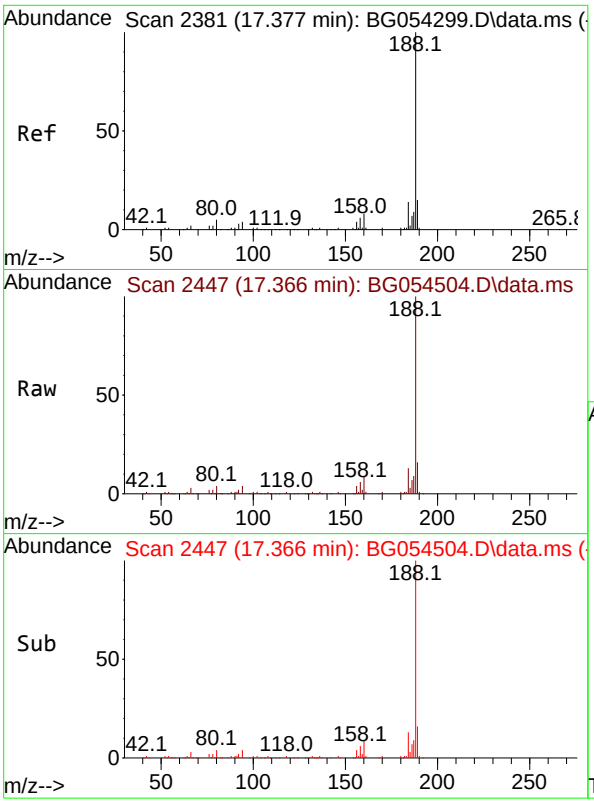


#57
2,4-Dinitrotoluene
Concen: 5.698 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.376 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:165 Resp: 7765

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#



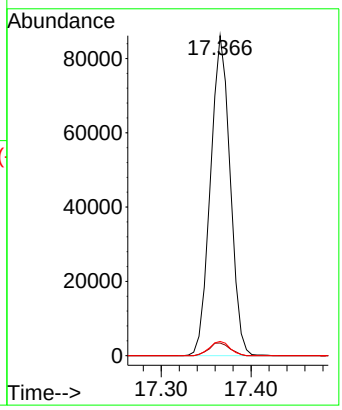


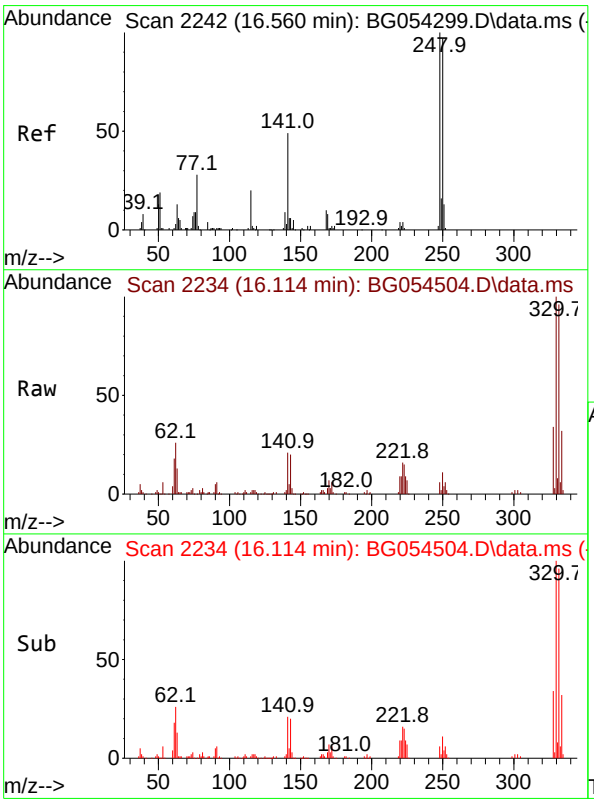
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:188 Resp: 131178

Ion	Ratio	Lower	Upper
188	100		
94	3.9	5.4	8.0#
80	4.4	6.8	10.2#

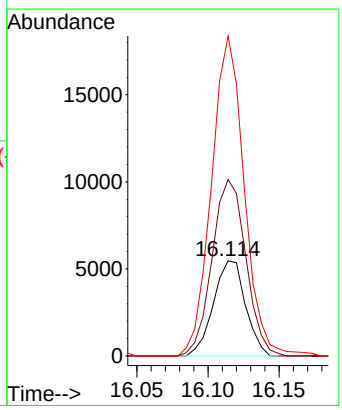


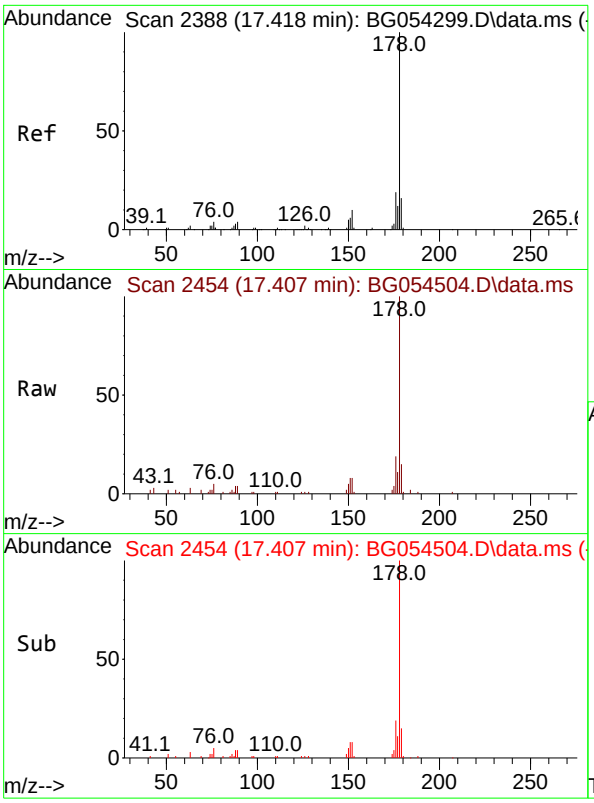


#67
4-Bromophenyl-phenylether
Concen: 4.649 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:248 Resp: 8565

Ion	Ratio	Lower	Upper
248	100		
250	185.2	75.2	112.8#
141	336.0	50.0	75.0#



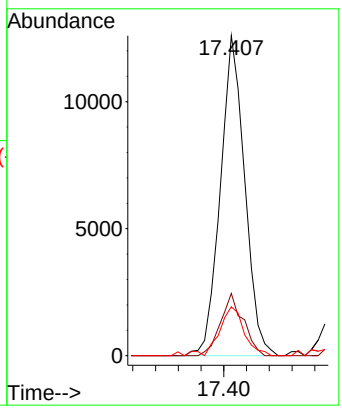


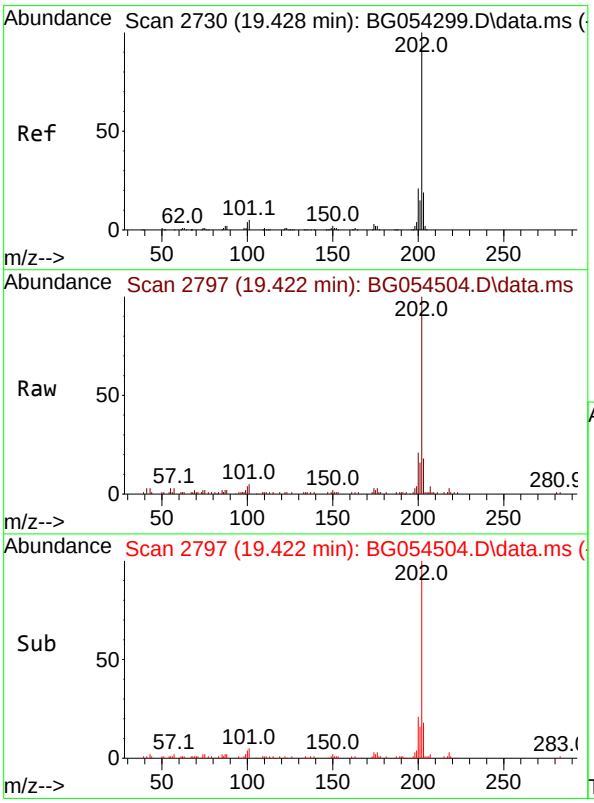
#71
Phenanthrene
Concen: 2.876 ng
RT: 17.407 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:178 Resp: 18787

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	15.3	12.1	18.1

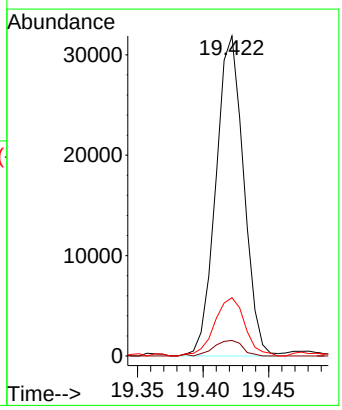


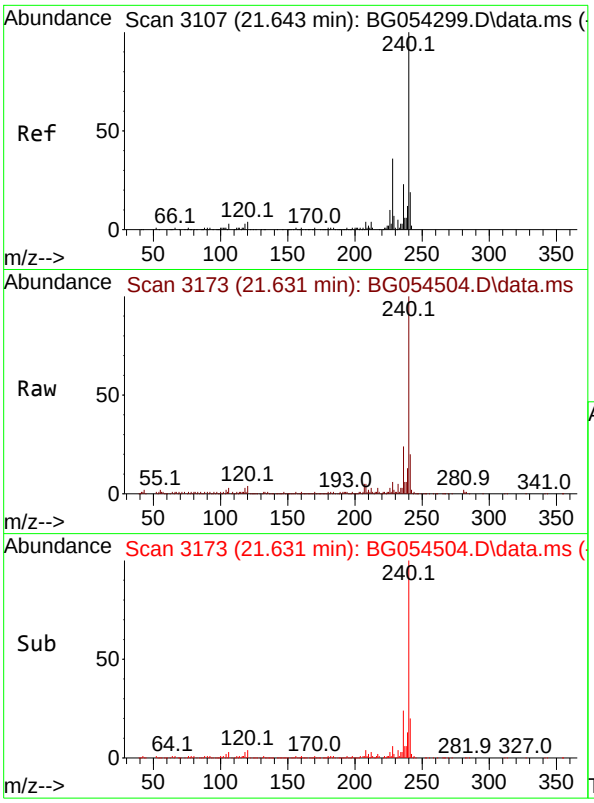


#75
Fluoranthene
Concen: 5.267 ng
RT: 19.422 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:202 Resp: 46899

Ion	Ratio	Lower	Upper
202	100		
101	4.8	0.0	26.9
203	18.2	0.0	37.2



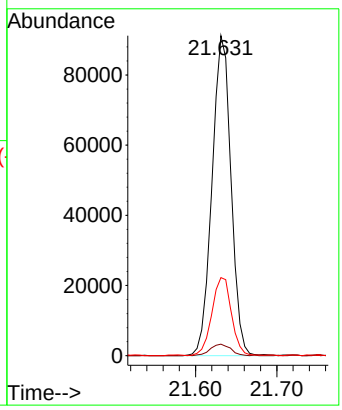


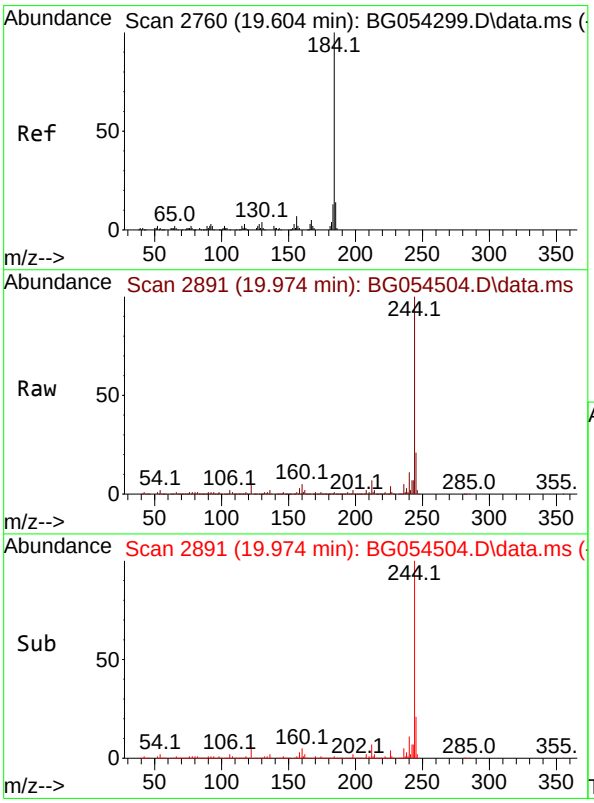
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:240 Resp: 148224

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.4	20.2	30.4

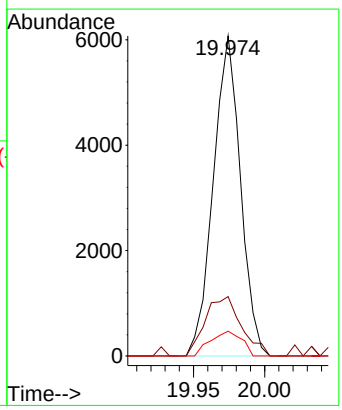


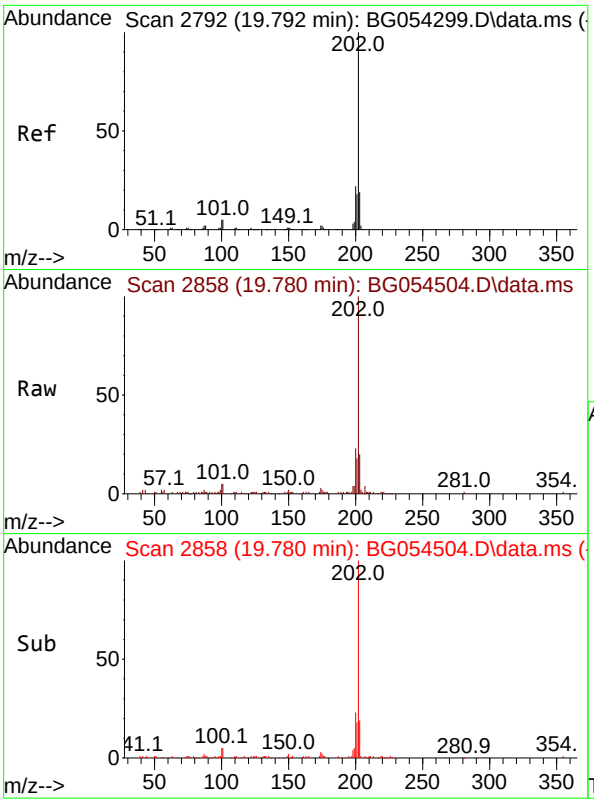


#77
Benzidine
Concen: 3.004 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:184 Resp: 8065

Ion	Ratio	Lower	Upper
184	100		
185	18.6	11.8	17.6#
183	7.8	8.9	13.3#



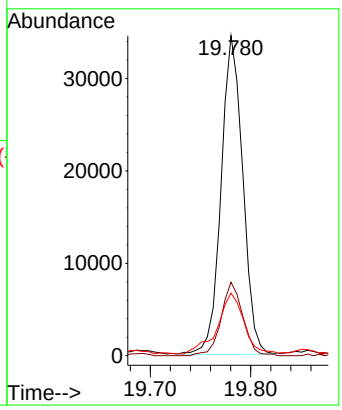


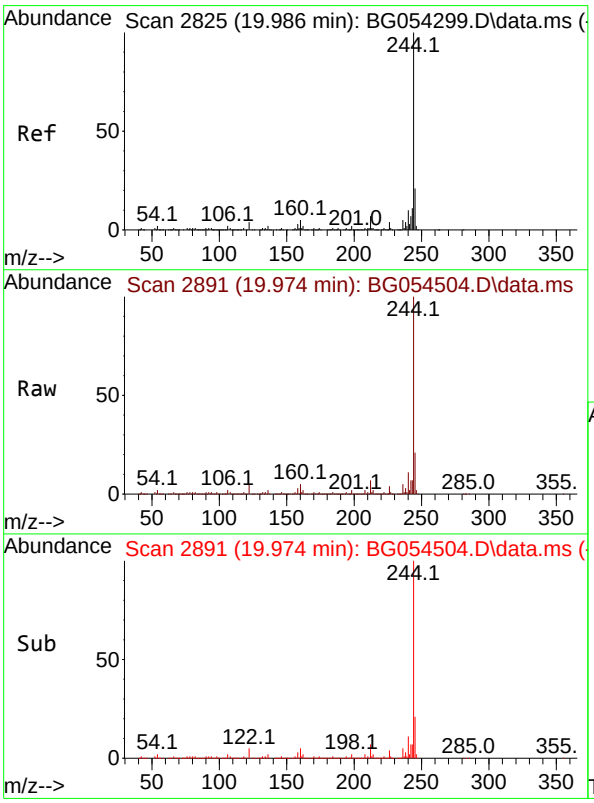
#78
Pyrene
Concen: 6.093 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:202 Resp: 51817

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.6	24.8
203	19.6	14.6	21.8

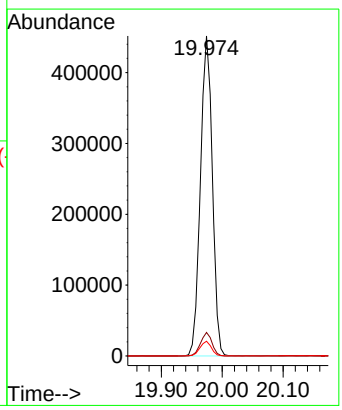


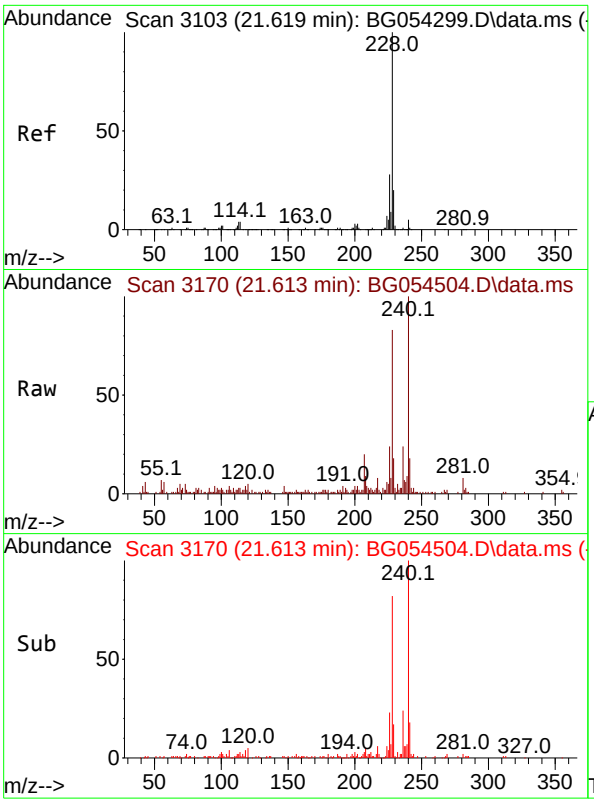


#79
Terphenyl-d14
Concen: 82.003 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:244 Resp: 612701

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	4.6	5.0	7.4#



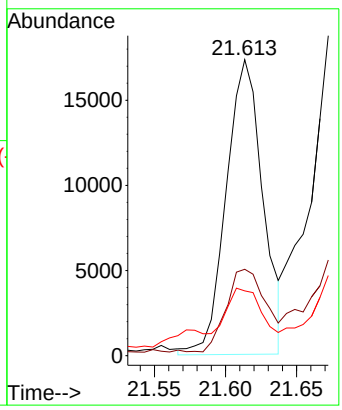


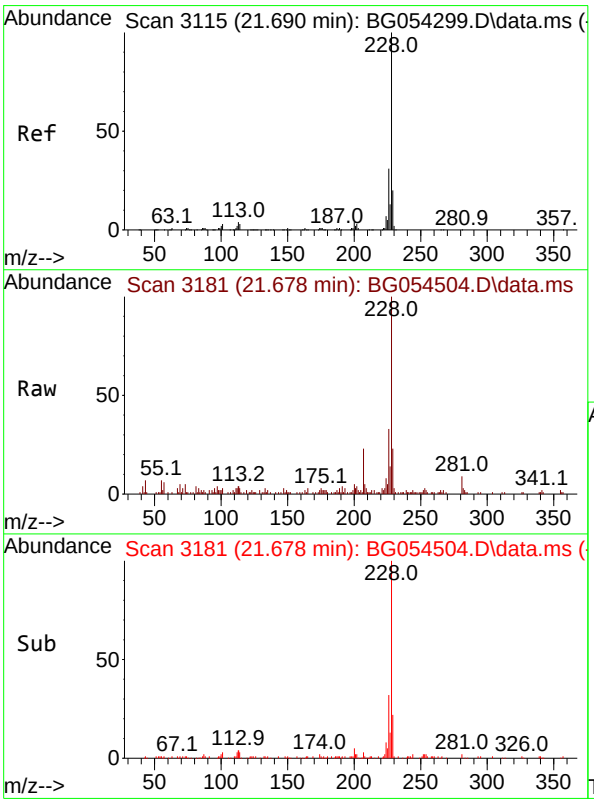
#81
Benzo(a)anthracene
Concen: 3.305 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:228 Resp: 31101

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.6	32.4
229	21.9	16.2	24.2

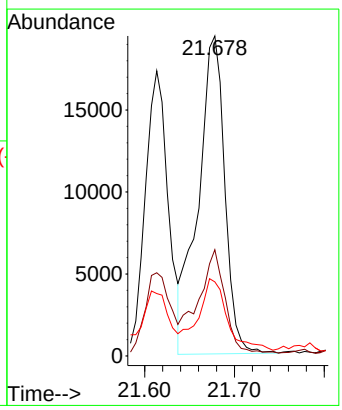


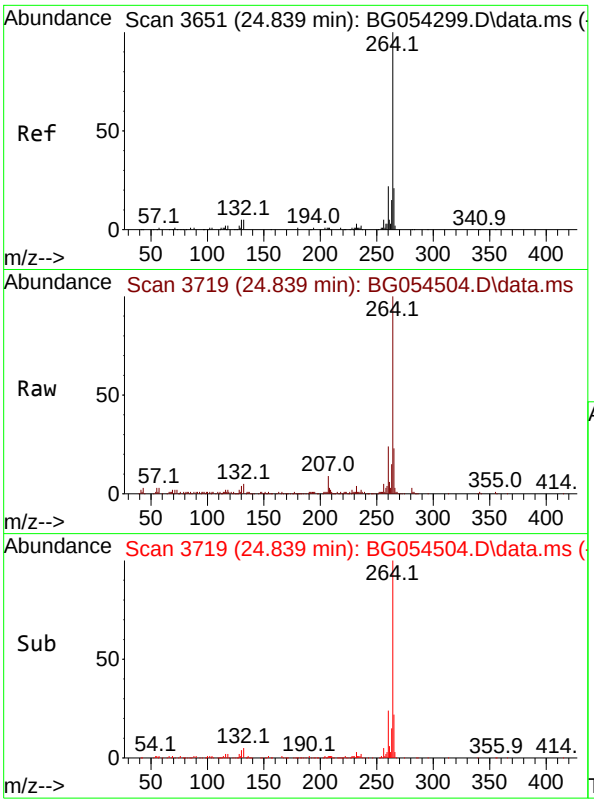


#83
Chrysene
Concen: 4.514 ng
RT: 21.678 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:228 Resp: 40127

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.2
229	23.2	15.5	23.3



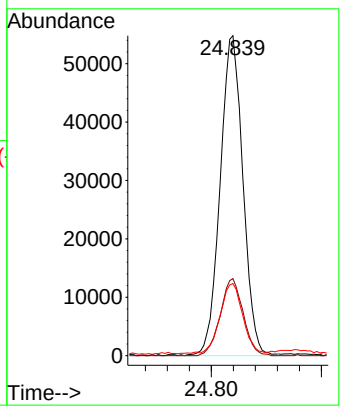


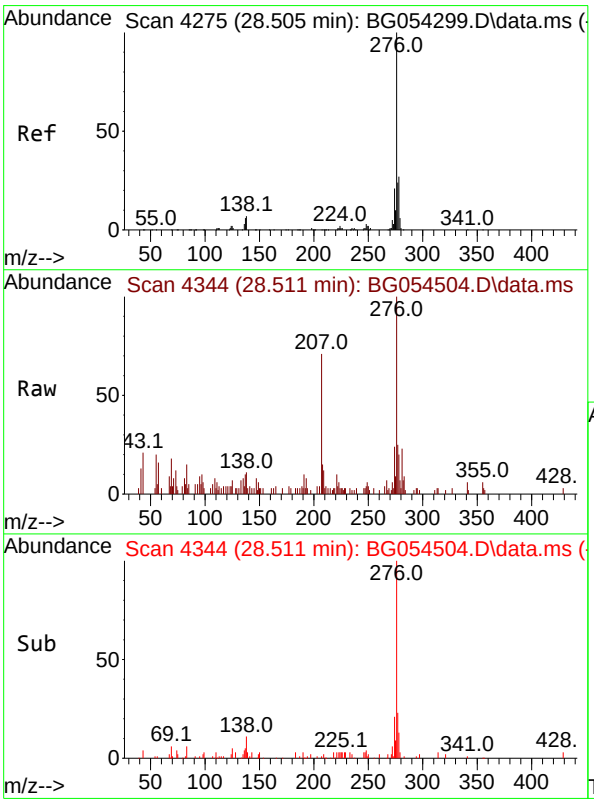
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:264 Resp: 157347

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.5	17.4	26.2

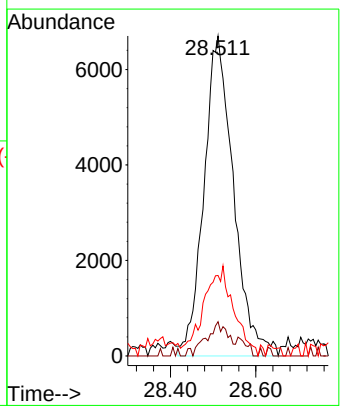


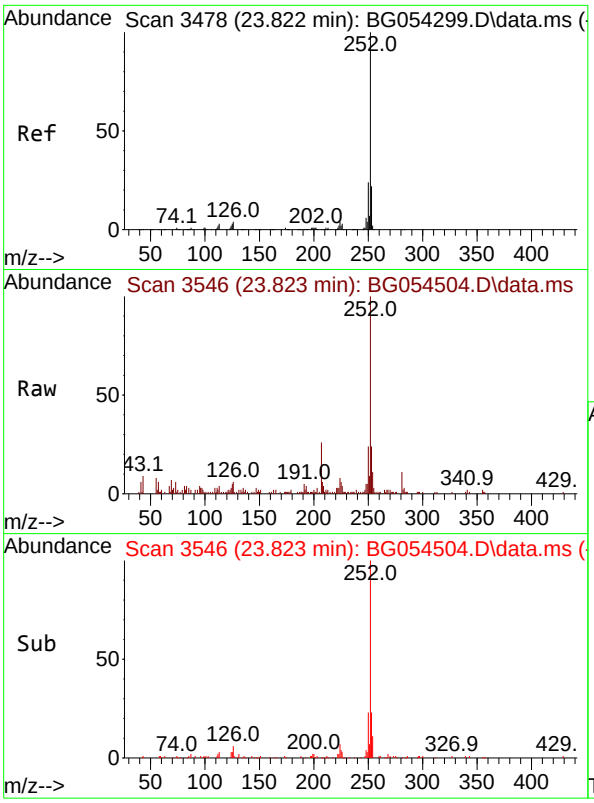


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.697 ng
RT: 28.511 min Scan# 4344
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:276 Resp: 32288

Ion	Ratio	Lower	Upper
276	100		
138	7.7	5.0	7.4#
277	28.5	20.3	30.5



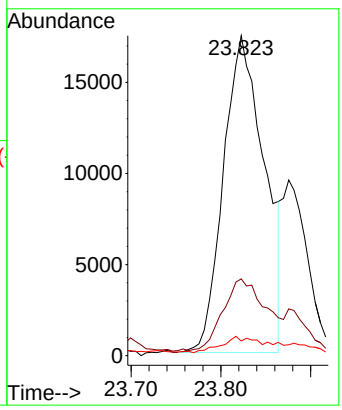


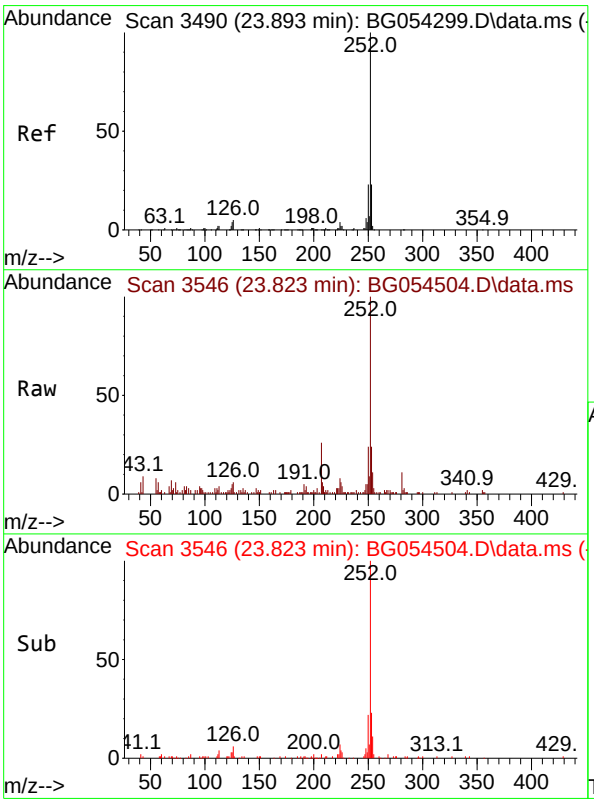
#88
Benzo(b)fluoranthene
Concen: 5.915 ng
RT: 23.823 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:252 Resp: 55043

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	4.6	4.6	6.8

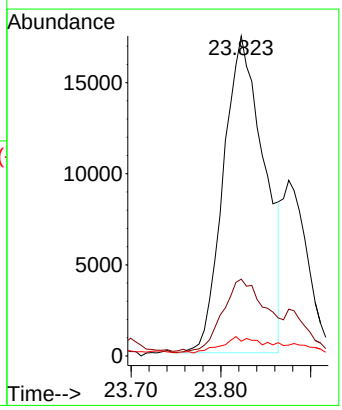


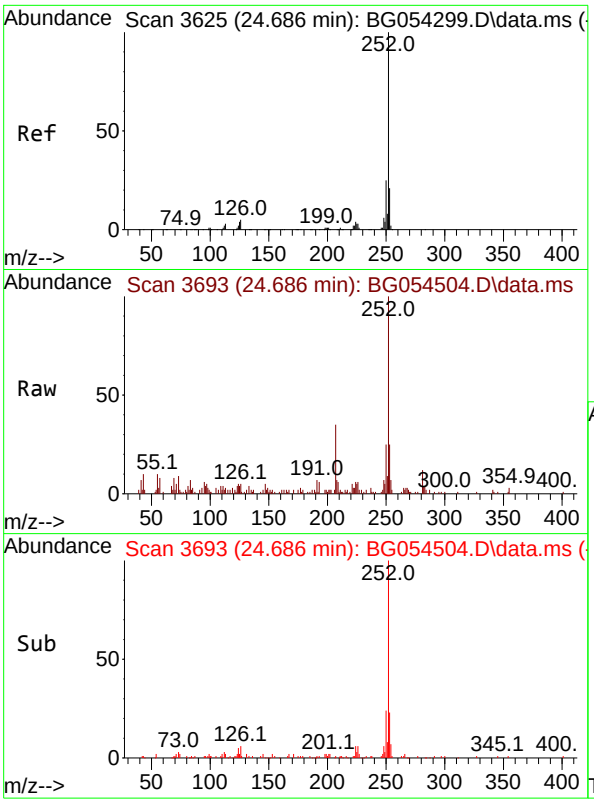


#89
Benzo(k)fluoranthene
Concen: 5.944 ng
RT: 23.823 min Scan# 3546
Delta R.T. -0.065 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:252 Resp: 55043

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	4.6	4.8	7.2#



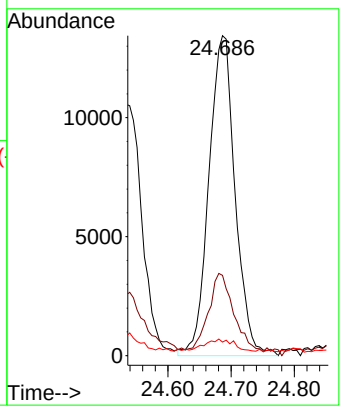


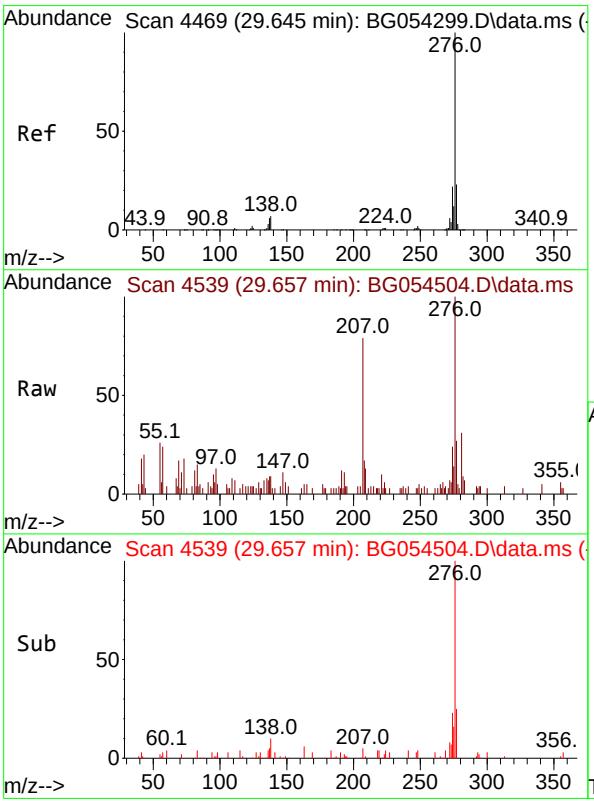
#90
Benzo(a)pyrene
Concen: 4.887 ng
RT: 24.686 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Instrument :
BNA_G
ClientSampleId :
RVE-143

Tgt Ion:252 Resp: 38833

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	4.3	4.3	6.5#





#92
Benzo(g,h,i)perylene
Concen: 3.381 ng
RT: 29.657 min Scan# 4539
Delta R.T. -0.006 min
Lab File: BG054504.D
Acq: 3 Aug 2022 18:05

Tgt Ion:276 Resp: 32845

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.3	25.9#
138	9.5	9.6	14.4#