Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054492.D
Acq On : 2 Aug 2022 21:02
Operator : CG/JU
Sample : N3895-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-55

Quant Time: Aug 03 04:14:56 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	7.988	152	19373	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	74290	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	55350	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	130045	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	144493	20.000	ng	# 0.00
86) Perylene-d12	24.857	264	124713	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.579	112	111345	120.000	ng	0.02
7) Phenol-d6	7.189	99	146703	115.385	ng	0.02
23) Nitrobenzene-d5	9.151	82	100459	73.640	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	126882	109.179	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	297482	75.819	ng	0.00
79) Terphenyl-d14	19.980	244	561901	77.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	887	2.403	ng	# 1
19) n-Nitroso-di-n-propyla...	9.151	70	14362	16.916	ng	# 85
49) Acenaphthylene	14.357	152	42228	8.968	ng	100
51) 2,6-Dinitrotoluene	14.622	165	7829	8.256	ng	# 16
67) 4-Bromophenyl-phenylether	16.120	248	7613	4.168	ng	# 1
71) Phenanthrene	17.412	178	70909	10.949	ng	97
72) Anthracene	17.506	178	17253	2.715	ng	97
75) Fluoranthene	19.428	202	147438	16.701	ng	93
78) Pyrene	19.792	202	327359	39.484	ng	98
81) Benzo(a)anthracene	21.625	228	136697	14.903	ng	# 89
83) Chrysene	21.690	228	203035	23.430	ng	92
87) Indeno(1,2,3-cd)pyrene	28.552	276	59598	6.282	ng	99
88) Benzo(b)fluoranthene	24.099	252	48117	6.524	ng	92
89) Benzo(k)fluoranthene	24.099	252	48005	6.540	ng	93
90) Benzo(a)pyrene	24.710	252	163462	25.952	ng	97
91) Dibenzo(a,h)anthracene	28.582	278	17398	2.230	ng	# 70
92) Benzo(g,h,i)perylene	29.727	276	60572	7.867	ng	# 88

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Aug 2022 21:02
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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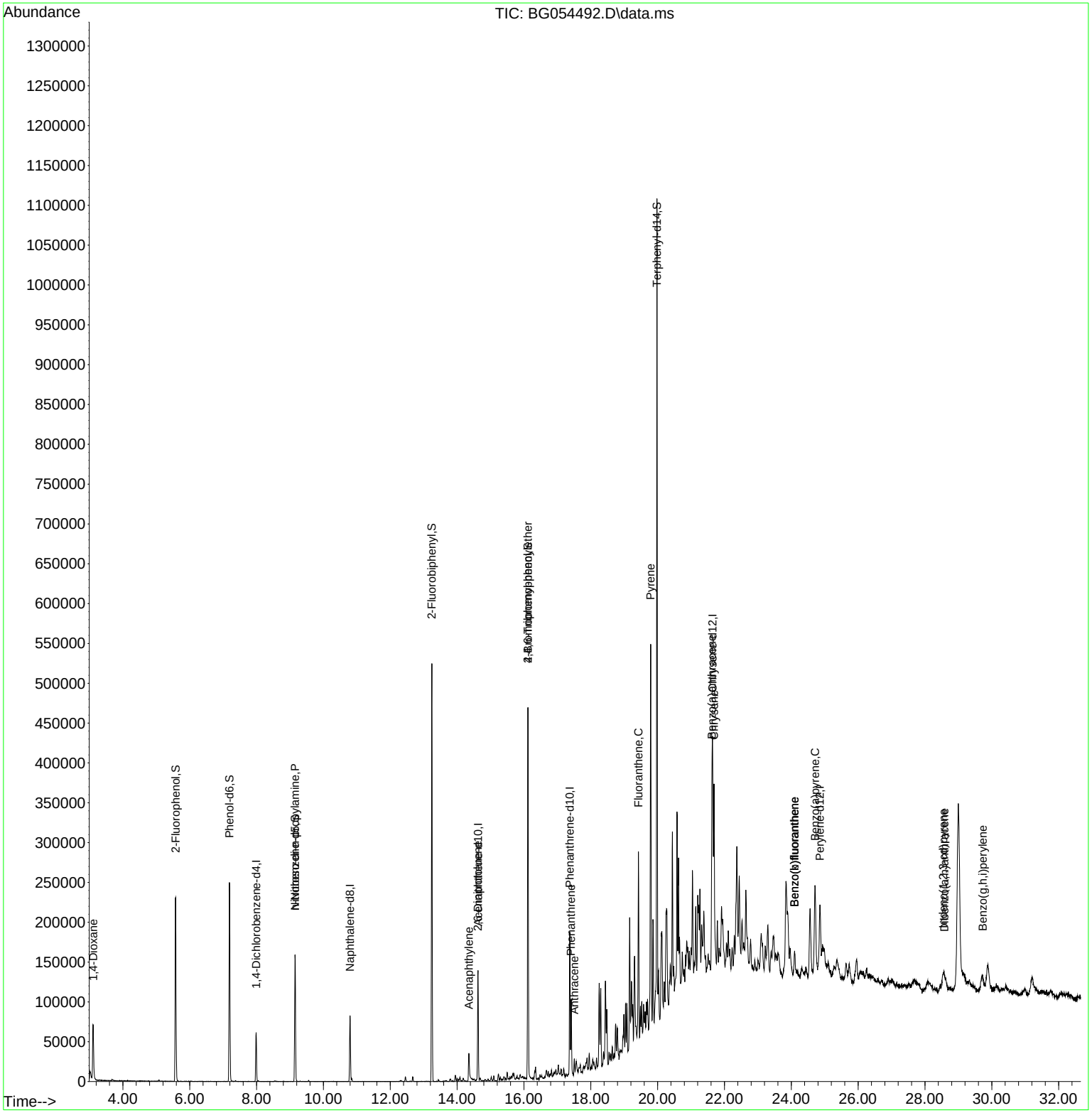
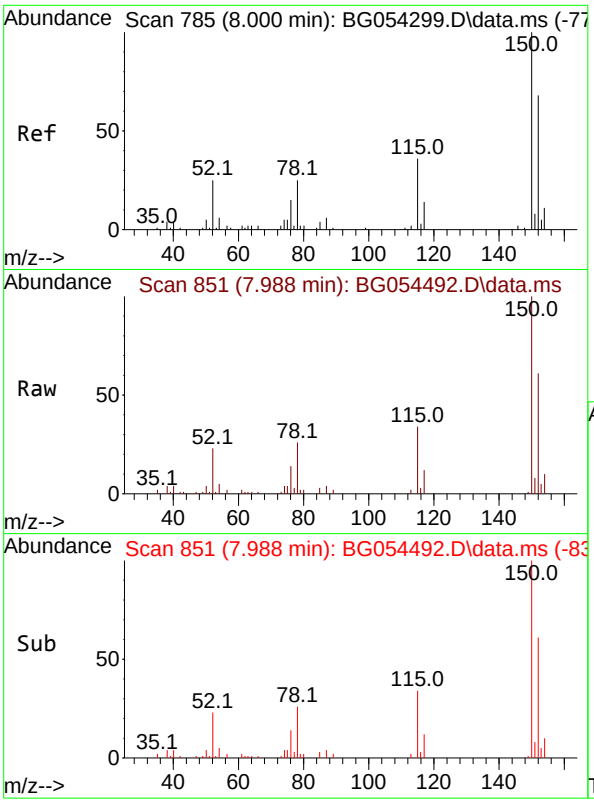


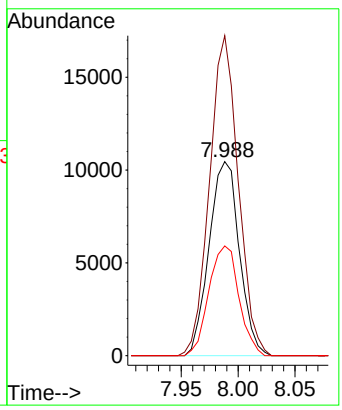


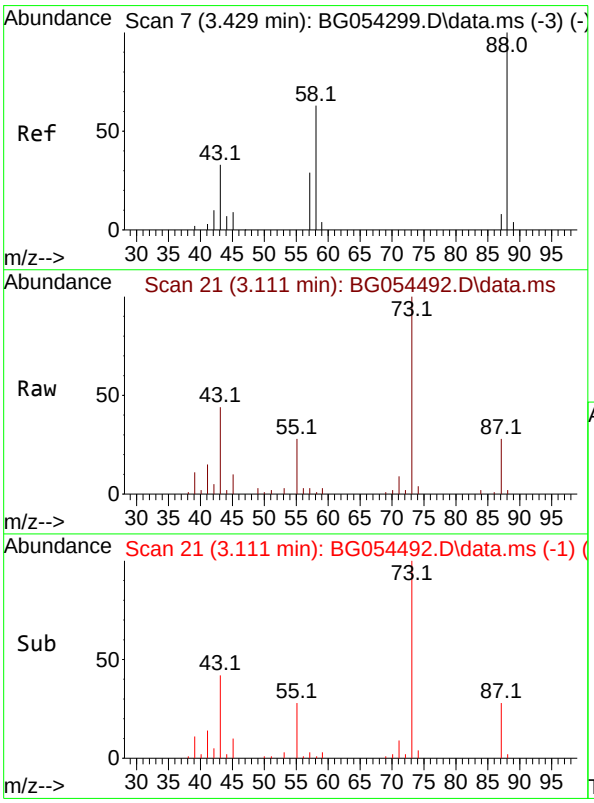
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:152 Resp: 19373

Ion	Ratio	Lower	Upper
152	100		
150	164.8	131.6	197.4
115	56.6	50.9	76.3

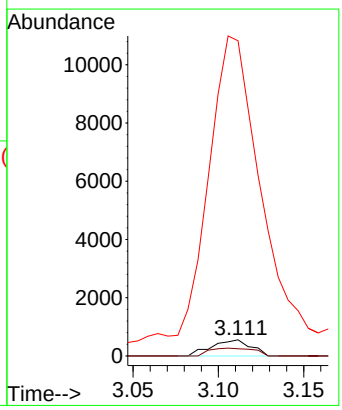


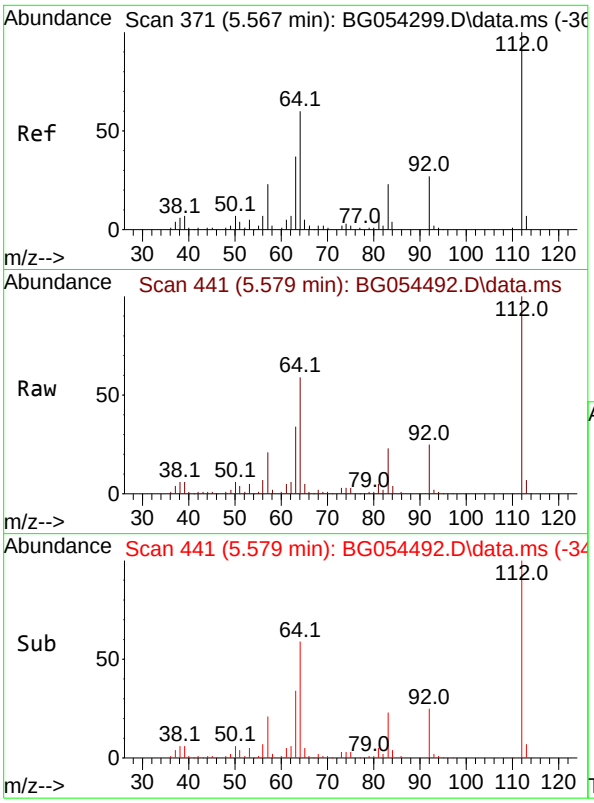


#2
1,4-Dioxane
Concen: 2.403 ng
RT: 3.111 min Scan# 21
Delta R.T. -0.306 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion: 88 Resp: 887

Ion	Ratio	Lower	Upper
88	100		
58	55.2	59.2	88.8#
43	2656.9	24.3	36.5#



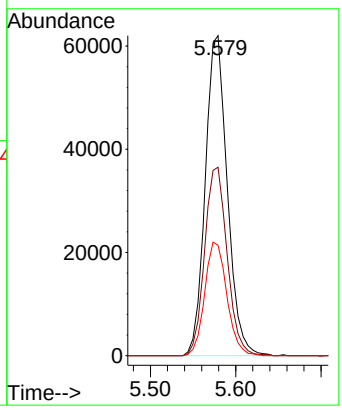


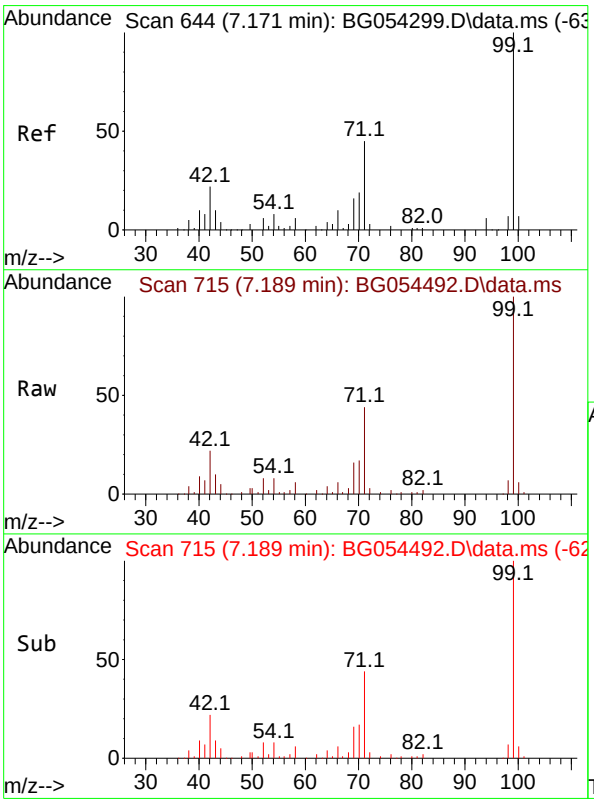
#5
2-Fluorophenol
Concen: 120.000 ng
RT: 5.579 min Scan# 44
Delta R.T. 0.017 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:112 Resp: 111345

Ion	Ratio	Lower	Upper
112	100		
64	58.9	55.1	82.7
63	34.5	30.4	45.6

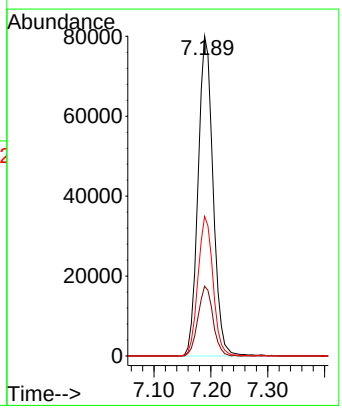


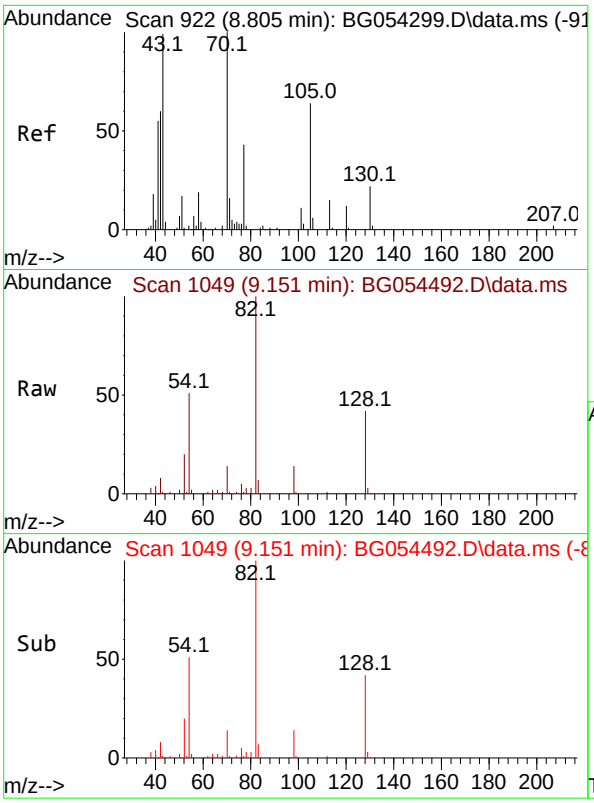


#7
Phenol-d6
Concen: 115.385 ng
RT: 7.189 min Scan# 715
Delta R.T. 0.017 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion: 99 Resp: 146703

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	43.7	33.8	50.8



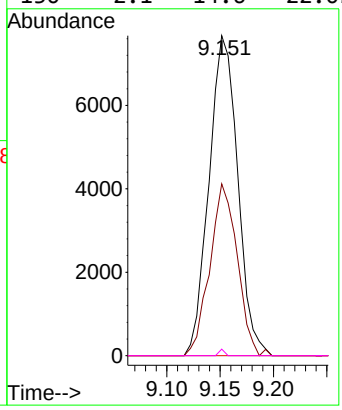


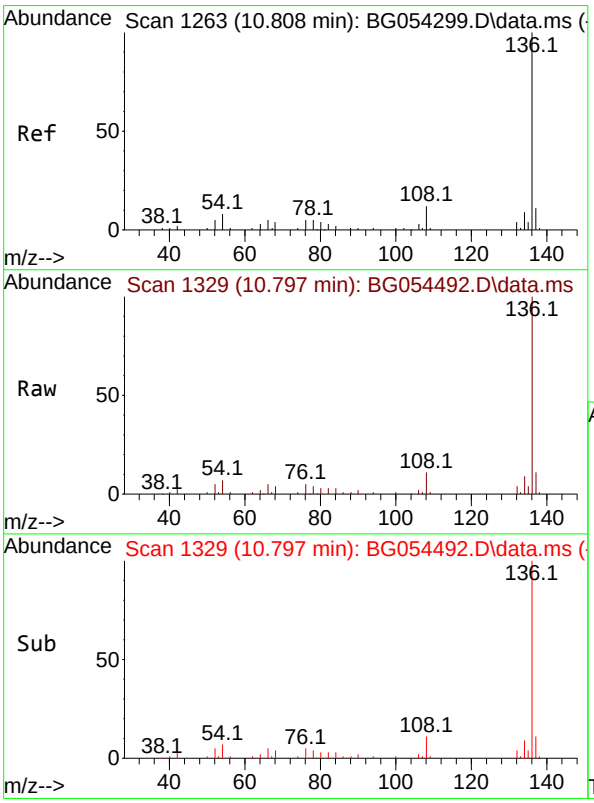
#19
n-Nitroso-di-n-propylamine
Concen: 16.916 ng
RT: 9.151 min Scan# 1
Delta R.T. 0.358 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion: 70 Resp: 14362

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.3	70.9
101	0.0	7.0	10.4#
130	2.1	14.6	22.0#

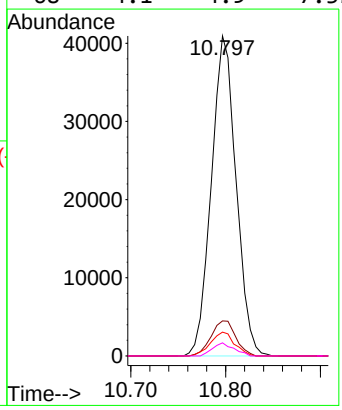


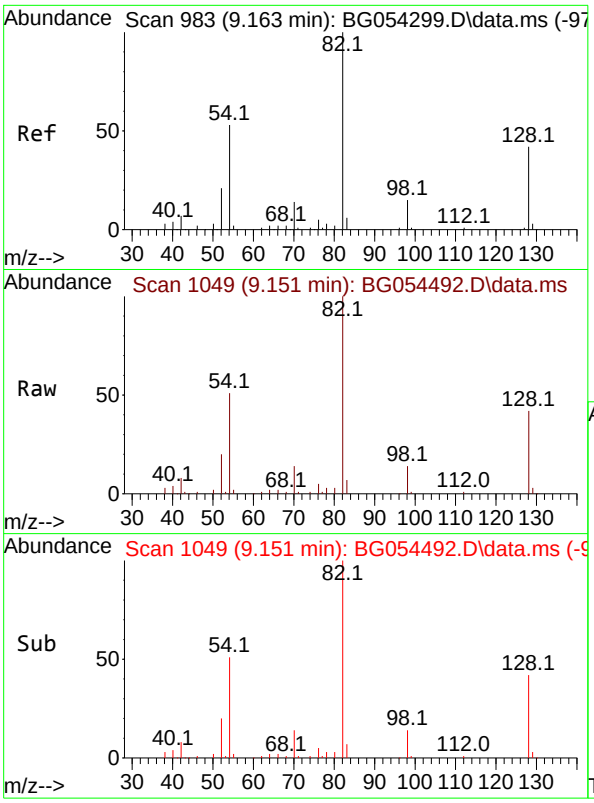


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:136 Resp: 74290

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	7.4	11.2
68	4.1	4.9	7.3#



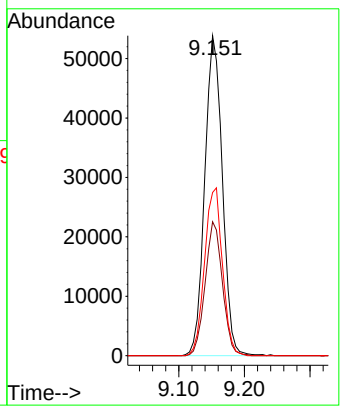


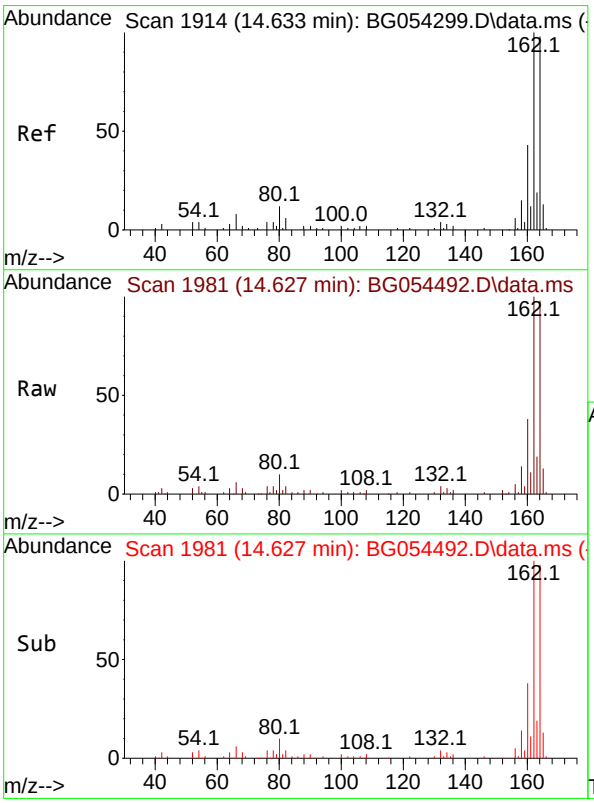
#23
Nitrobenzene-d5
Concen: 73.640 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion: 82 Resp: 100459

Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	51.0	41.2	61.8

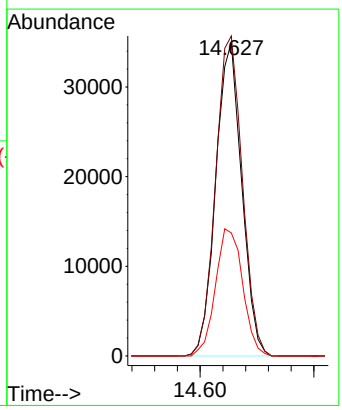


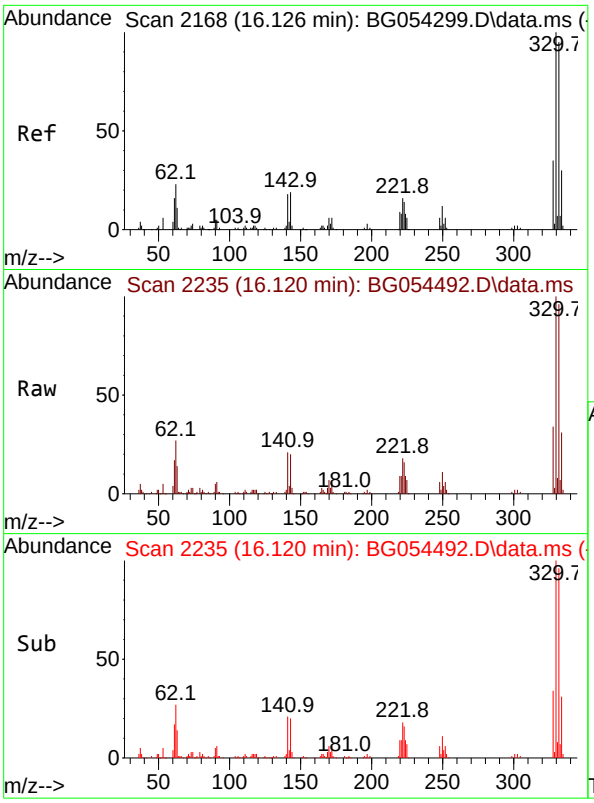


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:164 Resp: 55350

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.3	123.5
160	39.2	34.2	51.2



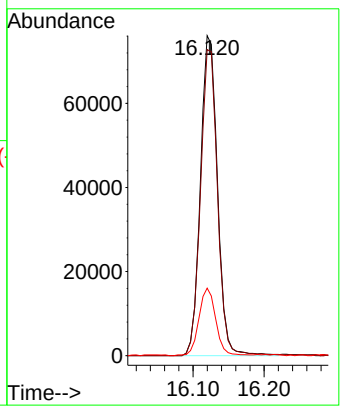


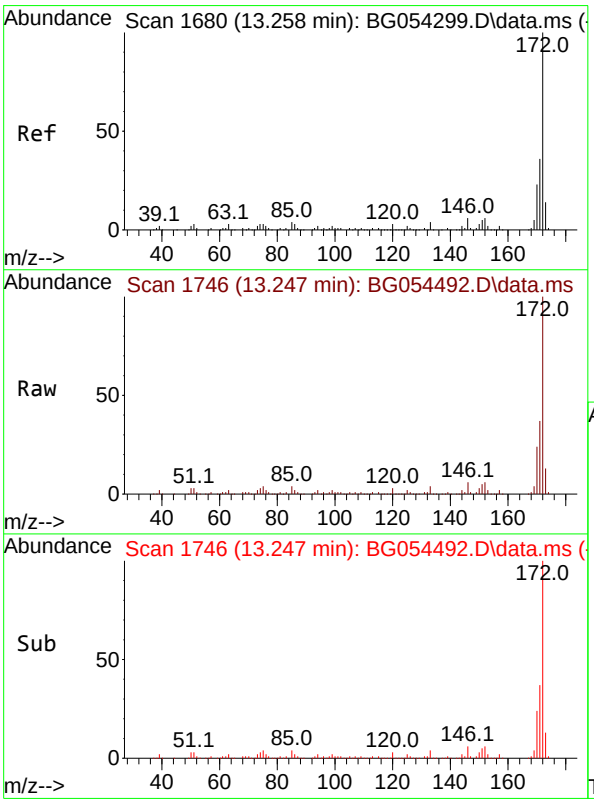
#42
2,4,6-Tribromophenol
Concen: 109.179 ng
RT: 16.120 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:330 Resp: 126882

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	21.0	27.1	40.7#

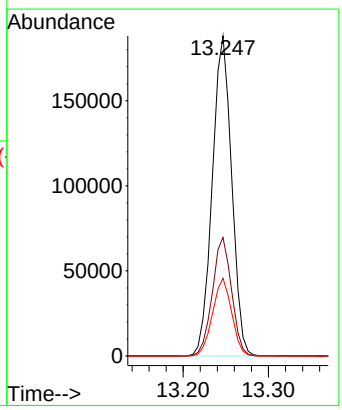


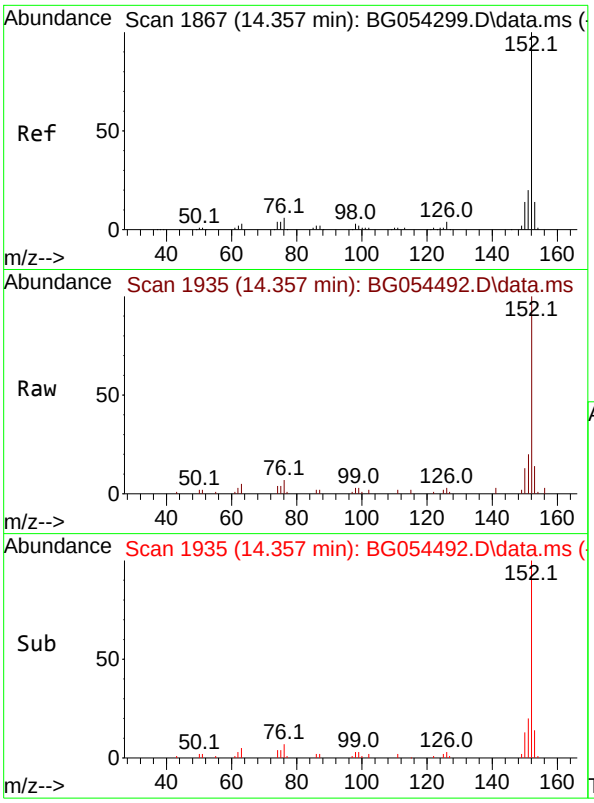


#45
2-Fluorobiphenyl
Concen: 75.819 ng
RT: 13.247 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:172 Resp: 297482

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	24.3	18.9	28.3



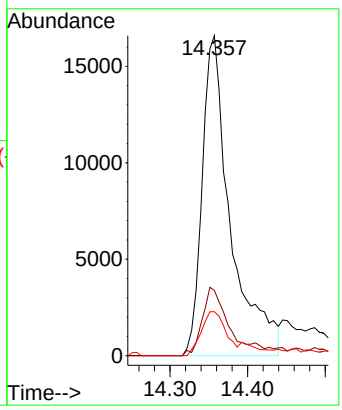


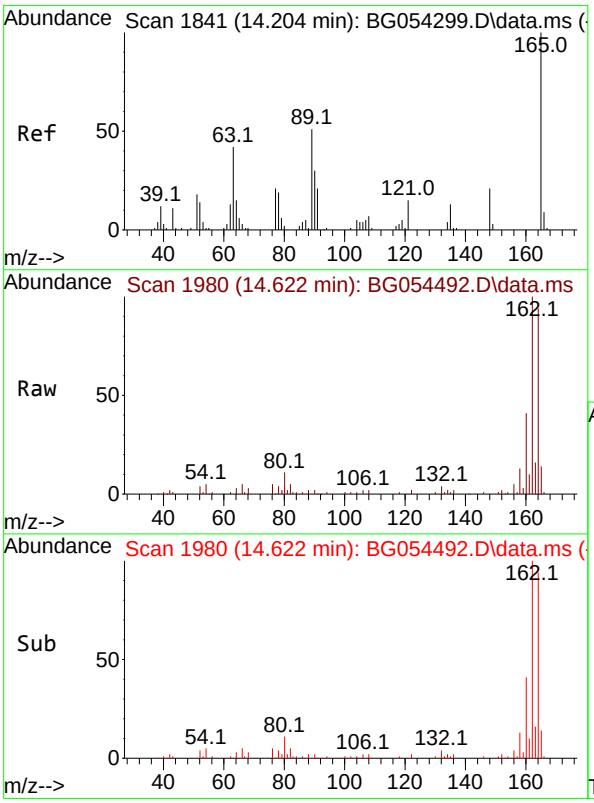
#49
Acenaphthylene
Concen: 8.968 ng
RT: 14.357 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:152 Resp: 42228

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.8	10.8	16.2

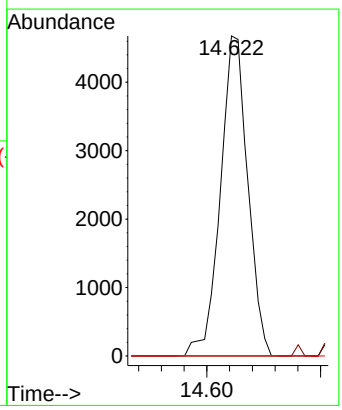


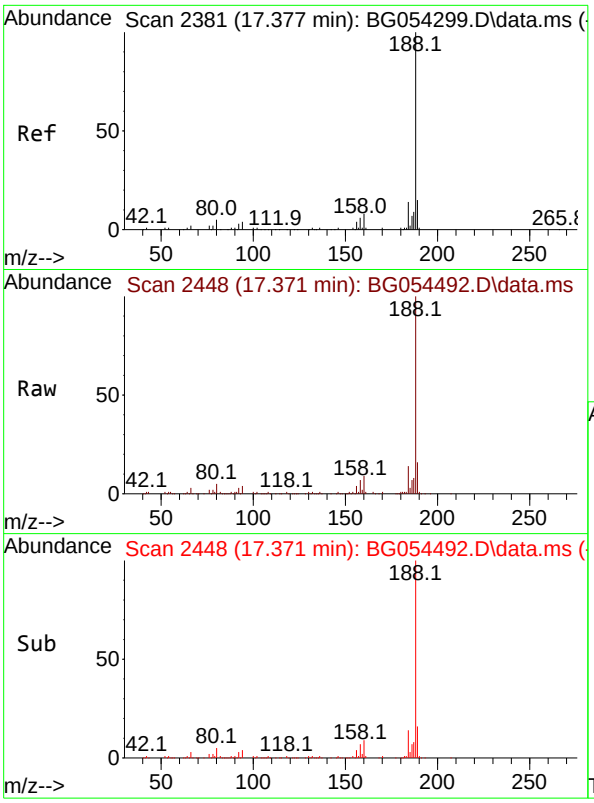


#51
2,6-Dinitrotoluene
Concen: 8.256 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:165 Resp: 7829

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



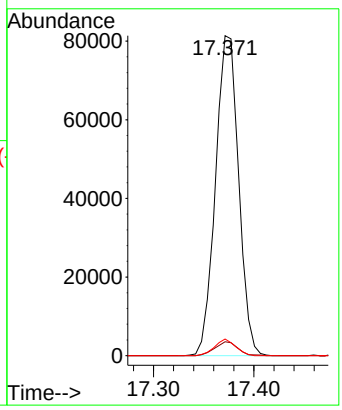


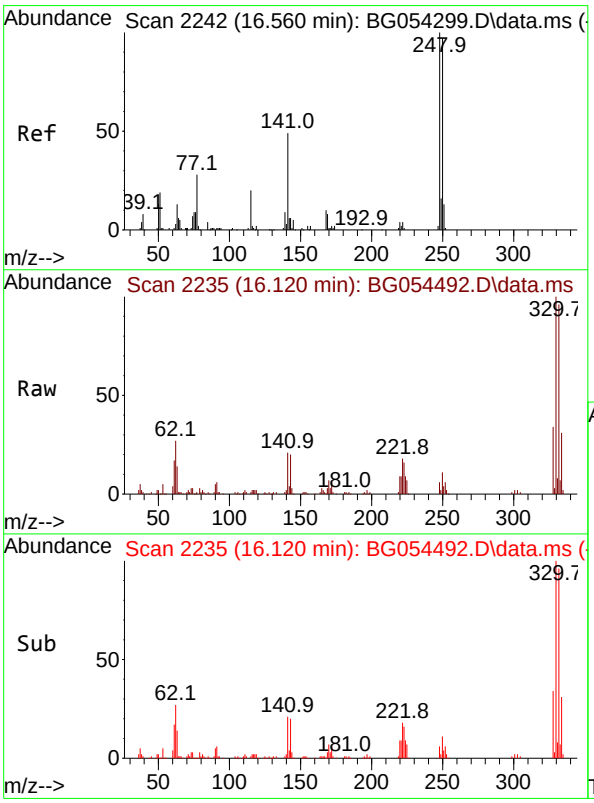
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:188 Resp: 130045

Ion	Ratio	Lower	Upper
188	100		
94	4.4	5.4	8.0#
80	5.2	6.8	10.2#

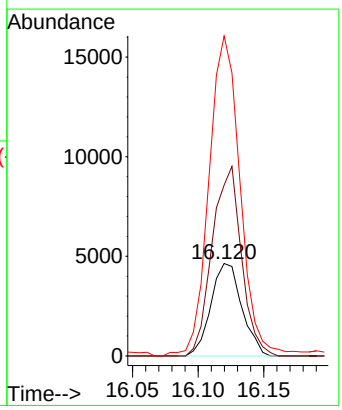


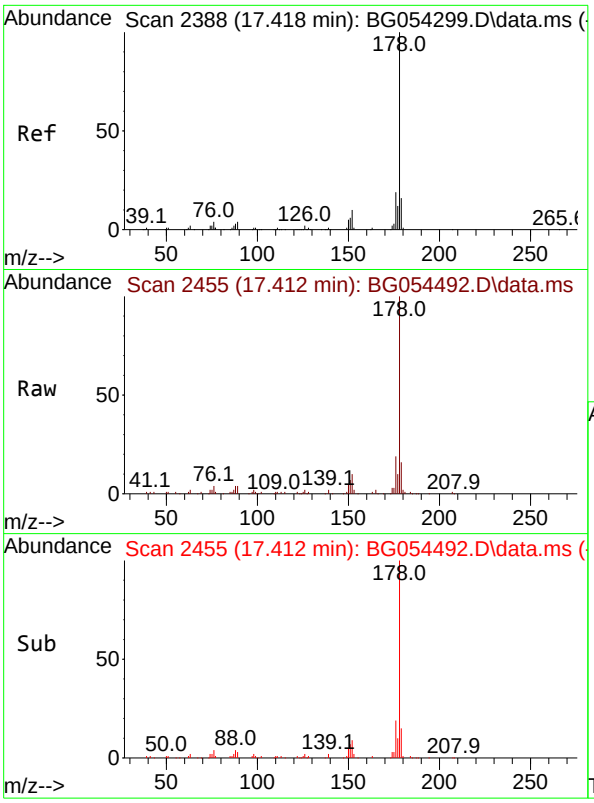


#67
4-Bromophenyl-phenylether
Concen: 4.168 ng
RT: 16.120 min Scan# 2235
Delta R.T. -0.435 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:248 Resp: 7613

Ion	Ratio	Lower	Upper
248	100		
250	191.7	75.2	112.8#
141	264.9	50.0	75.0#



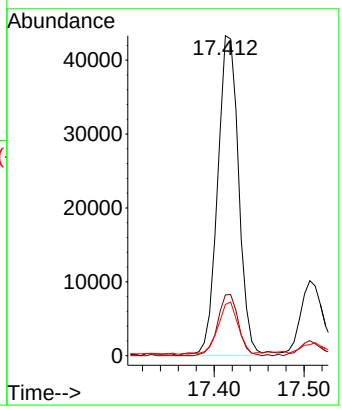


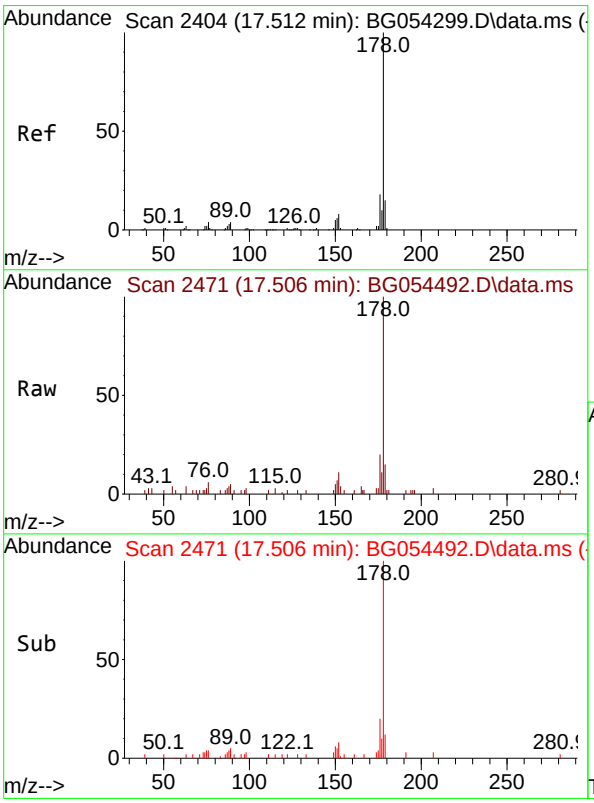
#71
Phenanthrene
Concen: 10.949 ng
RT: 17.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:178 Resp: 70909

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	16.0	12.1	18.1

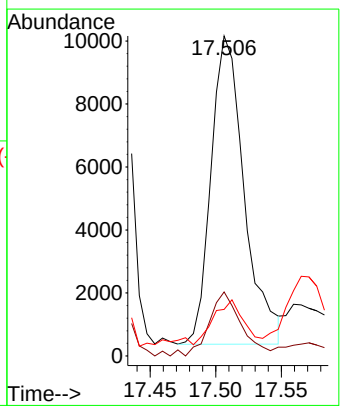


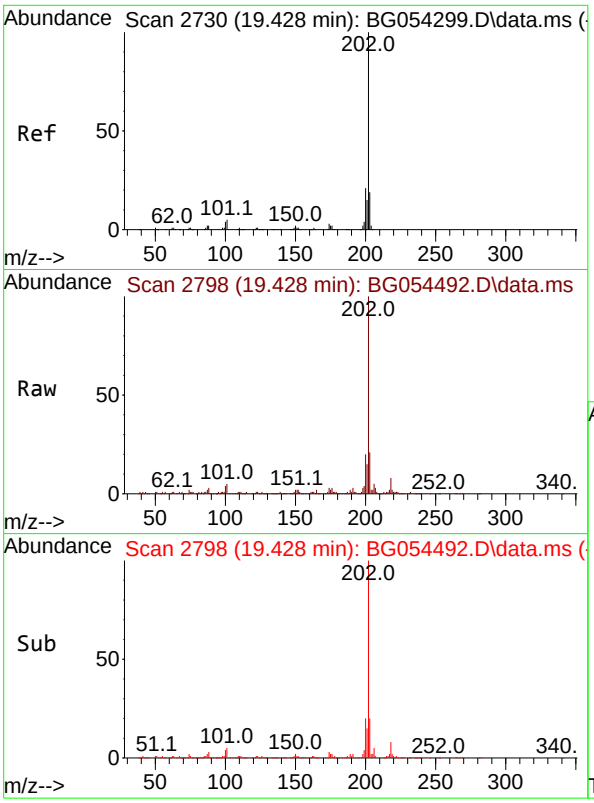


#72
Anthracene
Concen: 2.715 ng
RT: 17.506 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:178 Resp: 17253

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.2	22.8
179	14.5	13.0	19.4



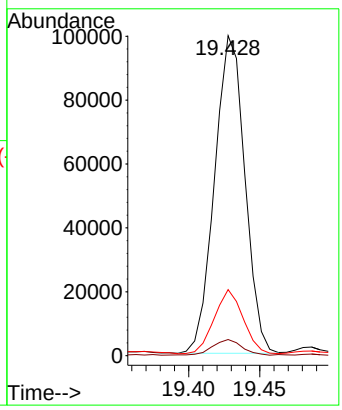


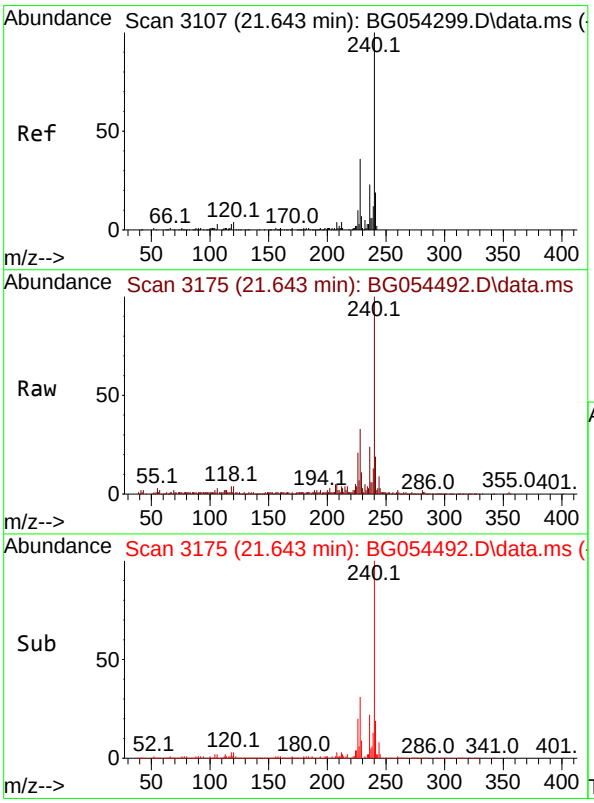
#75
Fluoranthene
Concen: 16.701 ng
RT: 19.428 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:202 Resp: 147438

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	26.9
203	20.6	0.0	37.2

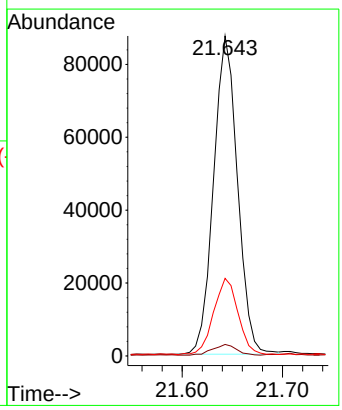


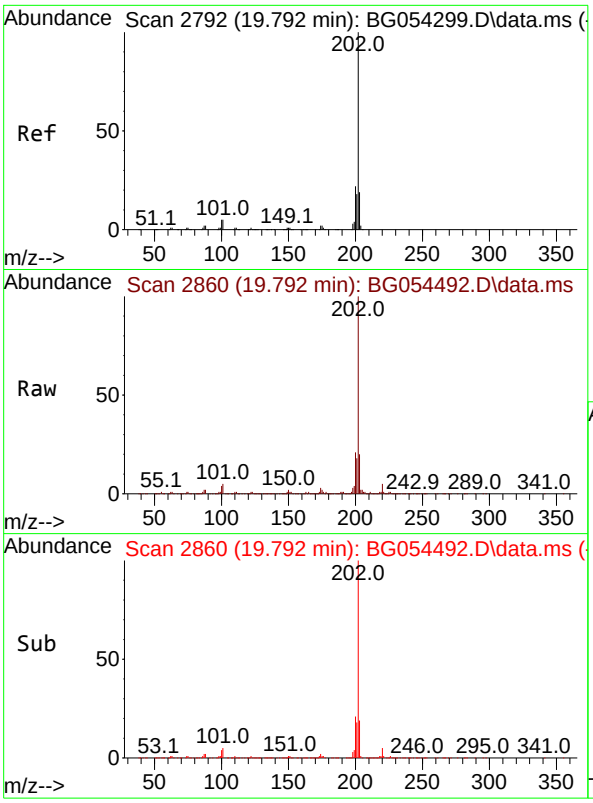


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3175
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:240 Resp: 144493

Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.3	20.2	30.4



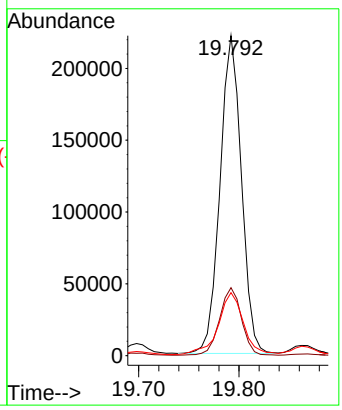


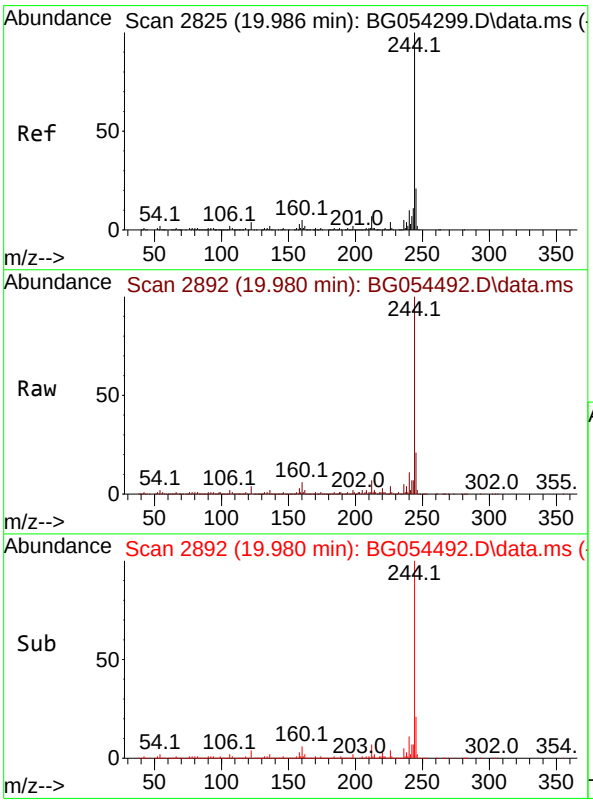
#78
Pyrene
Concen: 39.484 ng
RT: 19.792 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:202 Resp: 327359

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	19.7	14.6	21.8

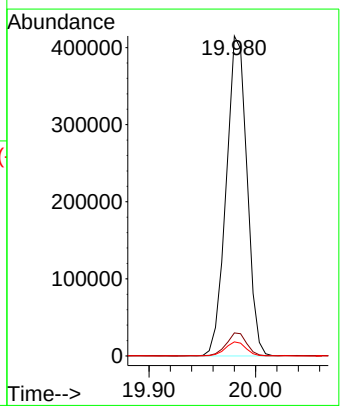


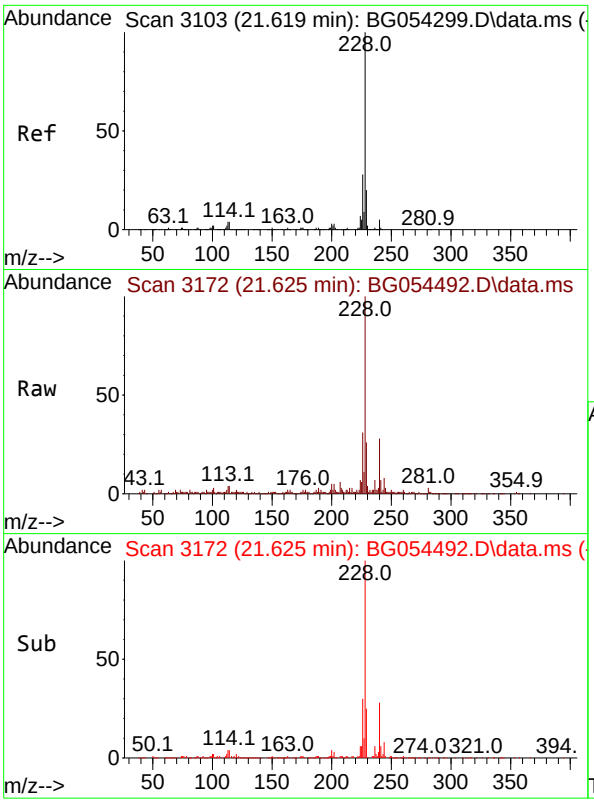


#79
Terphenyl-d14
Concen: 77.146 ng
RT: 19.980 min Scan# 2892
Delta R.T. -0.000 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:244 Resp: 561901

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



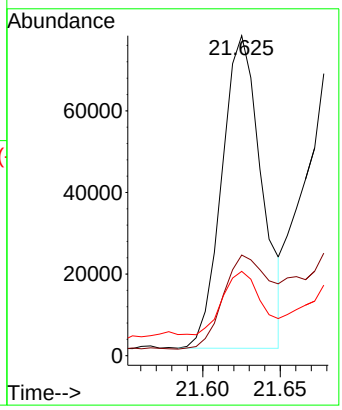


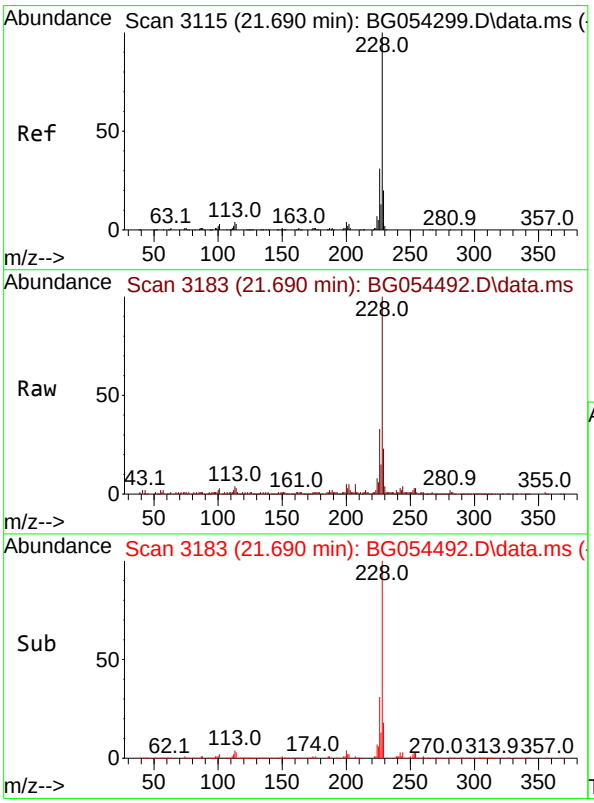
#81
Benzo(a)anthracene
Concen: 14.903 ng
RT: 21.625 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:228 Resp: 136697

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.6	32.4
229	26.4	16.2	24.2#

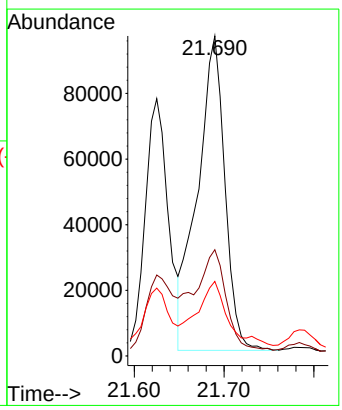


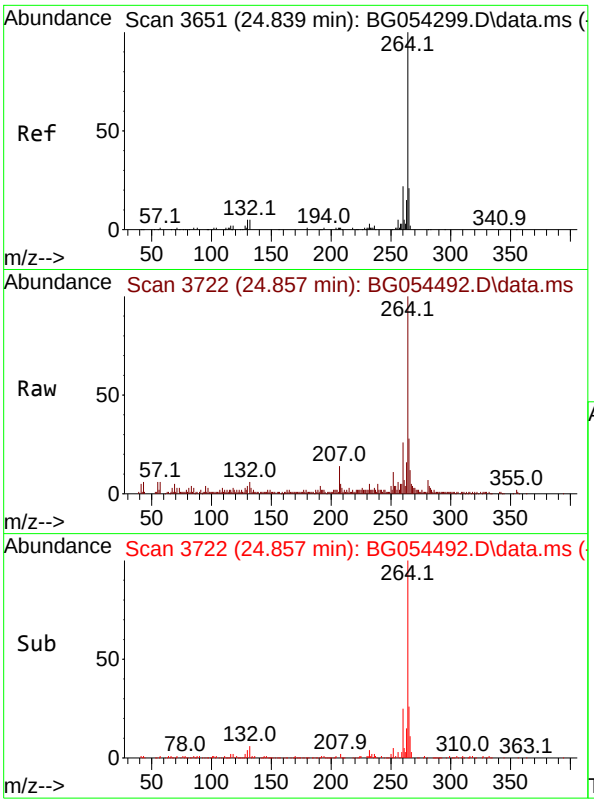


#83
Chrysene
Concen: 23.430 ng
RT: 21.690 min Scan# 3183
Delta R.T. 0.006 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:228 Resp: 203035

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



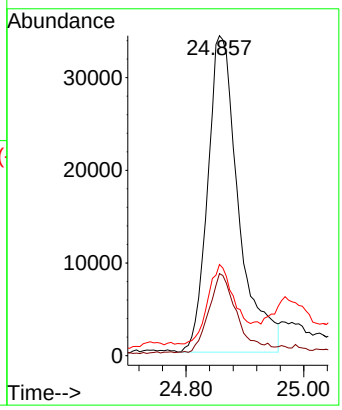


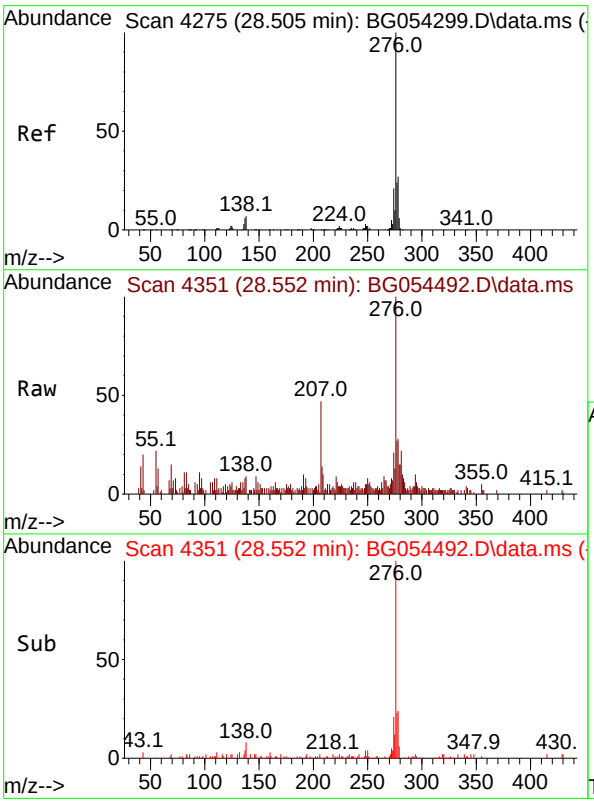
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.857 min Scan# 3
Delta R.T. 0.023 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:264 Resp: 124713

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.0	28.6
265	28.5	17.4	26.2#

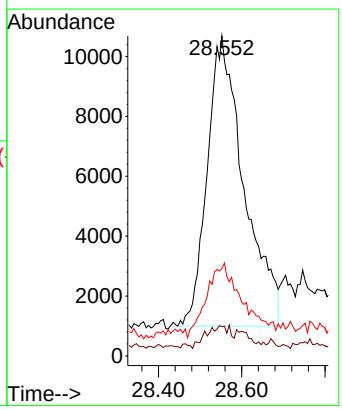


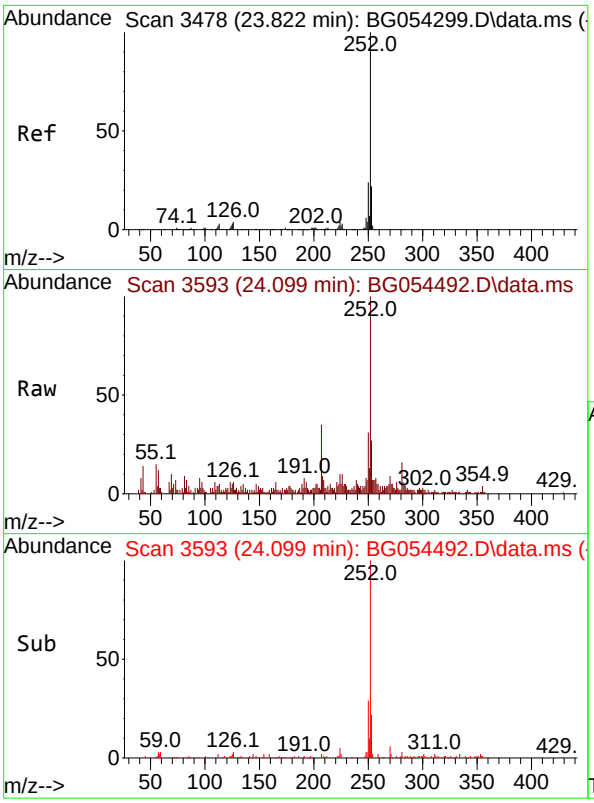


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.282 ng
RT: 28.552 min Scan# 4351
Delta R.T. 0.035 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:276 Resp: 59598

Ion	Ratio	Lower	Upper
276	100		
138	5.2	5.0	7.4
277	25.5	20.3	30.5



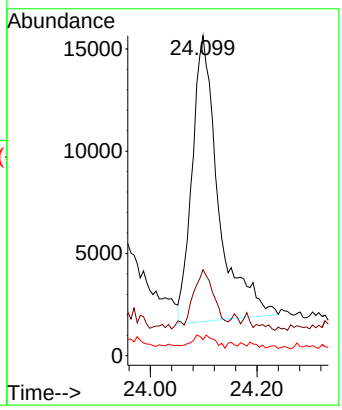


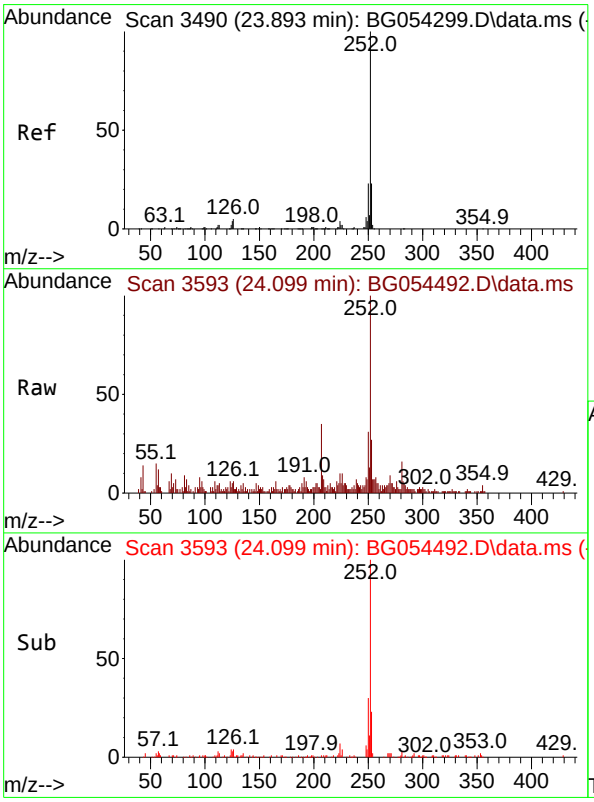
#88
Benzo(b)fluoranthene
Concen: 6.524 ng
RT: 24.099 min Scan# 3
Delta R.T. 0.276 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:252 Resp: 48117

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.0	27.0
125	5.0	4.6	6.8

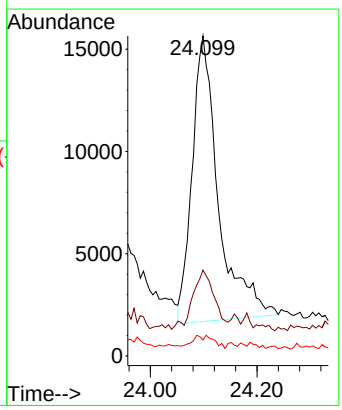


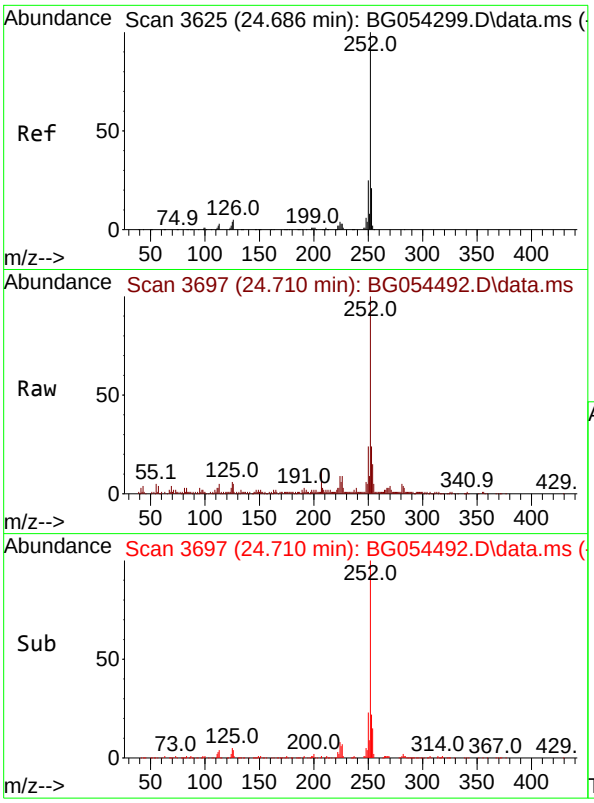


#89
Benzo(k)fluoranthene
Concen: 6.540 ng
RT: 24.099 min Scan# 3593
Delta R.T. 0.211 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:252 Resp: 48005

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.4	27.6
125	5.0	4.8	7.2



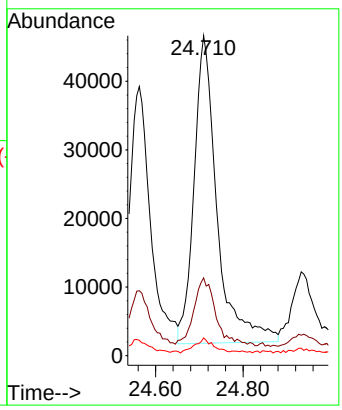


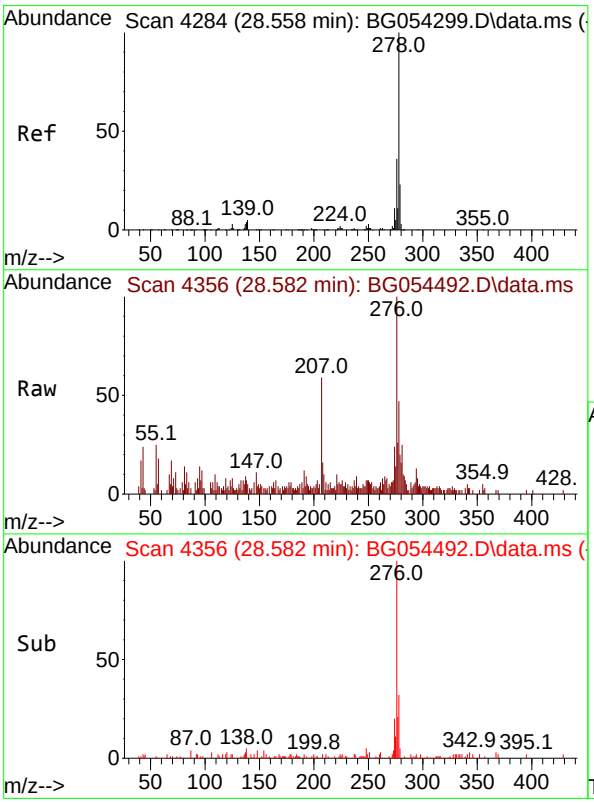
#90
Benzo(a)pyrene
Concen: 25.952 ng
RT: 24.710 min Scan# 3
Delta R.T. 0.023 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:252 Resp: 163462

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	5.6	4.3	6.5

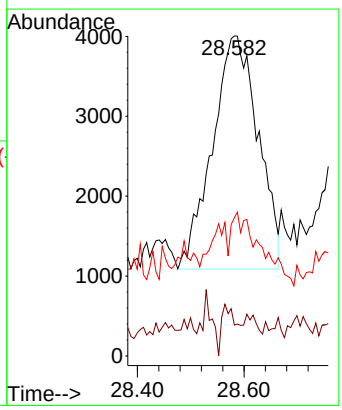


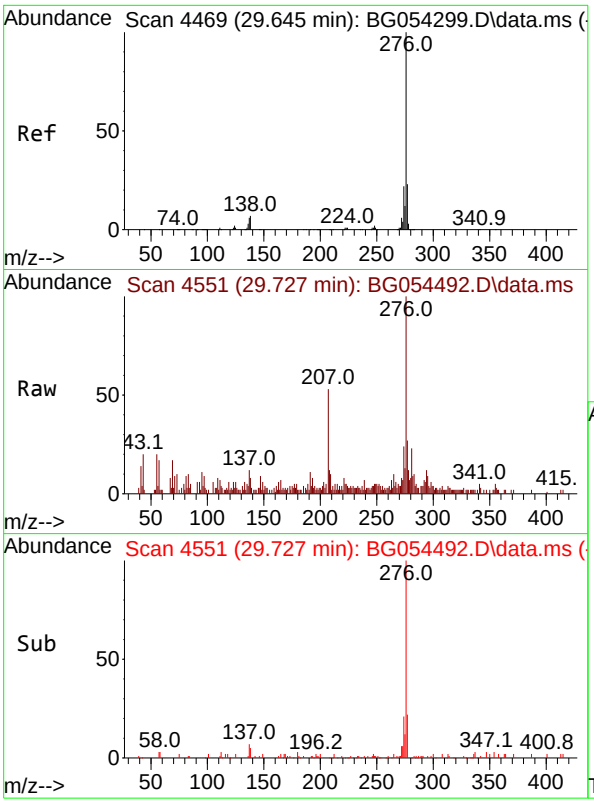


#91
Dibenzo(a,h)anthracene
Concen: 2.230 ng
RT: 28.582 min Scan# 4356
Delta R.T. 0.017 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Tgt Ion:278 Resp: 17398

Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.2	10.8
279	43.2	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 7.867 ng
RT: 29.727 min Scan# 4
Delta R.T. 0.064 min
Lab File: BG054492.D
Acq: 2 Aug 2022 21:02

Instrument :
BNA_G
ClientSampleId :
RVE-55

Tgt Ion:276 Resp: 60572

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.3	25.9#
138	7.6	9.6	14.4#