Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Time: Mar 11 03:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.175	152	48542	20.000	ng		0.00
21) Naphthalene-d8	11.013	136	191773	20.000	ng		0.00
39) Acenaphthene-d10	14.825	164	118010	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	230849	20.000	ng		0.00
76) Chrysene-d12	21.886	240	208335	20.000	ng		0.00
86) Perylene-d12	25.323	264	218173	20.000	ng		# 0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	39570	14.082	ng		0.00
7) Phenol-d6	7.324	99	162808	40.034	ng		0.00
23) Nitrobenzene-d5	9.344	82	127057	30.034	ng		0.00
42) 2,4,6-Tribromophenol	16.317	330	3751	2.241	ng		0.00
45) 2-Fluorobiphenyl	13.445	172	290347	33.209	ng		0.00
79) Terphenyl-d14	20.171	244	391923	33.289	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.350	70	17626	6.405	ng	#	68
31) Naphthalene	11.060	128	40312	3.995	ng		97
37) 2-Methylnaphthalene	12.663	142	31919	4.378	ng		98
38) 1-Methylnaphthalene	12.881	142	31498	4.400	ng		90
46) 1,1'-Biphenyl	13.656	154	25161	2.851	ng		94
52) Acenaphthene	14.890	154	84213	12.774	ng		92
55) Dibenzofuran	15.219	168	134404	12.022	ng		97
56) 4-Nitrophenol	15.219	139	50716	36.060	ng	#	2
58) Fluorene	15.871	166	130118	14.331	ng		100
71) Phenanthrene	17.621	178	1238451	102.251	ng		99
72) Anthracene	17.709	178	385921	32.546	ng		99
73) Carbazole	17.974	167	65280	5.625	ng		96
75) Fluoranthene	19.630	202	1167737	77.214	ng		97
78) Pyrene	19.995	202	953646	68.482	ng		99
81) Benzo(a)anthracene	21.869	228	478919	34.311	ng		99
83) Chrysene	21.933	228	384710	29.477	ng		97
87) Indeno(1,2,3-cd)pyrene	29.270	276	177718	11.367	ng		96
88) Benzo(b)fluoranthene	24.230	252	454161	33.716	ng		95
89) Benzo(k)fluoranthene	24.230	252	454161	33.525	ng	#	95
90) Benzo(a)pyrene	25.158	252	362261	31.785	ng		99
91) Dibenzo(a,h)anthracene	29.300	278	44297	3.414	ng	#	93
92) Benzo(g,h,i)perylene	30.510	276	155757	12.300	ng		97

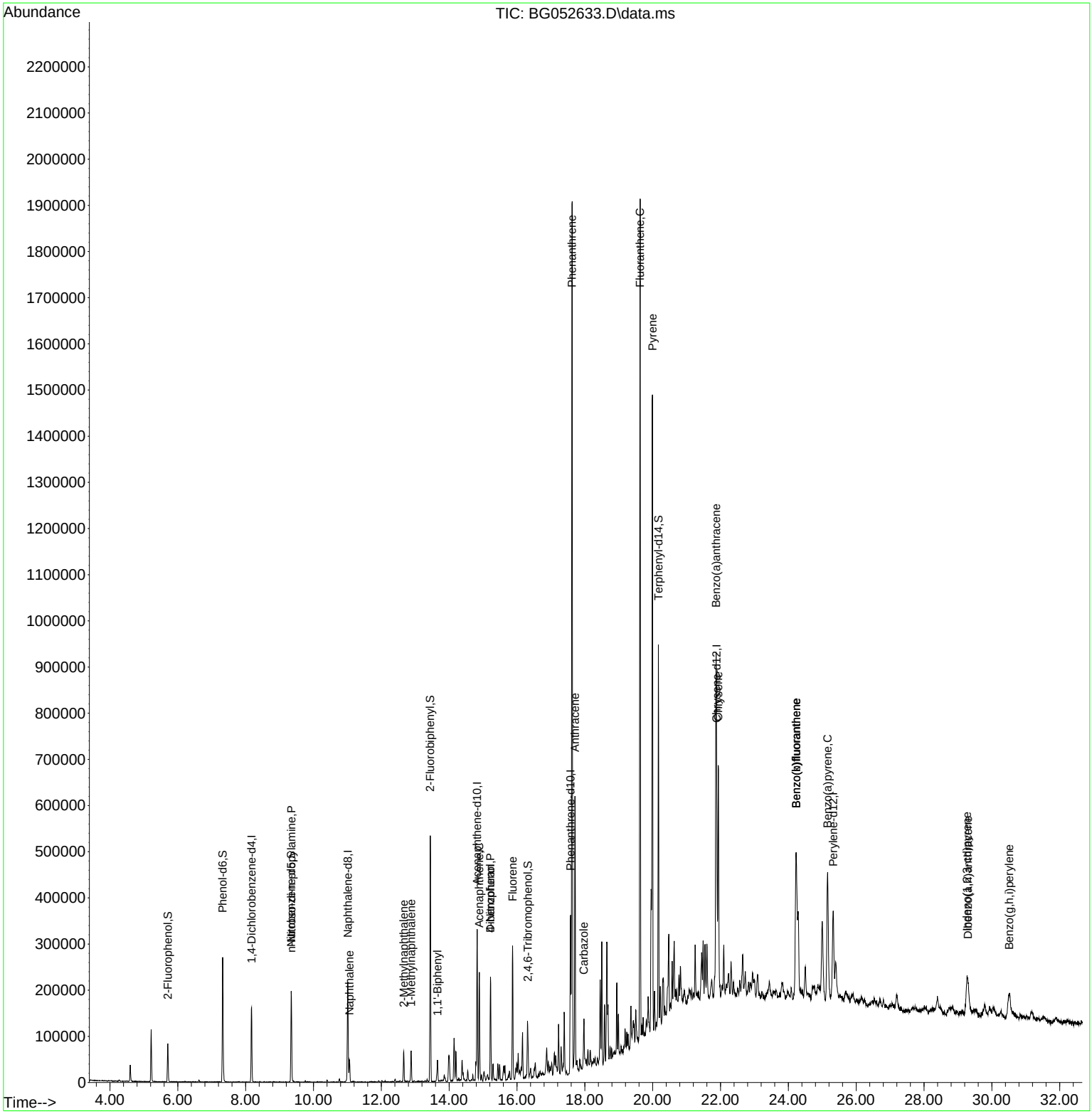
(#) = qualifier out of range (m) = manual integration (+) = signals summed

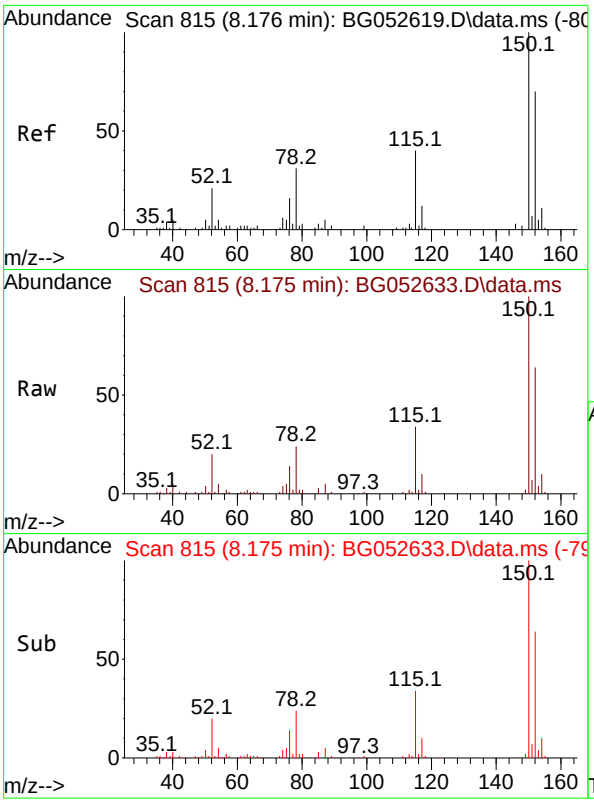
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052633.D
Acq On : 10 Mar 2022 14:24
Operator : CG/JU
Sample : N1845-12 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Quant Time: Mar 11 03:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration



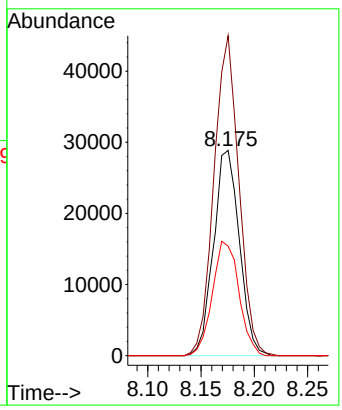


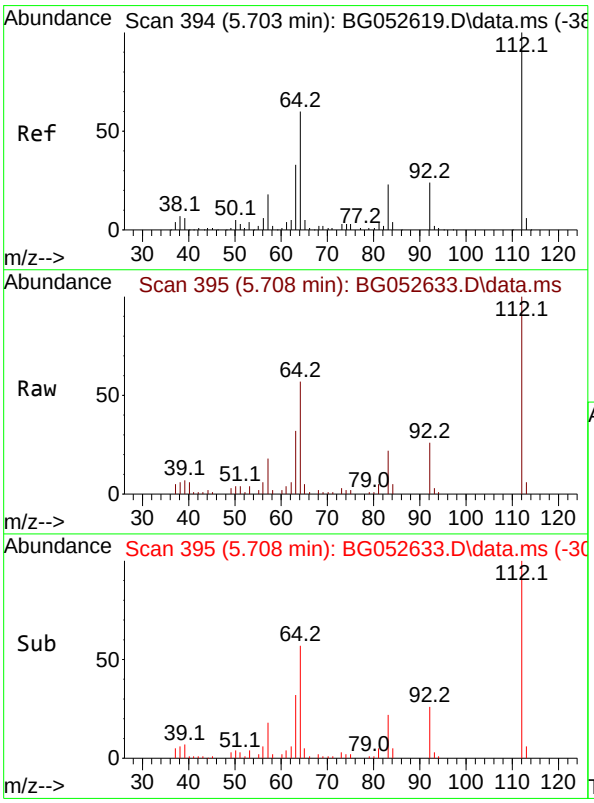
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.175 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:152 Resp: 48542

Ion	Ratio	Lower	Upper
152	100		
150	155.9	114.6	172.0
115	53.4	45.9	68.9

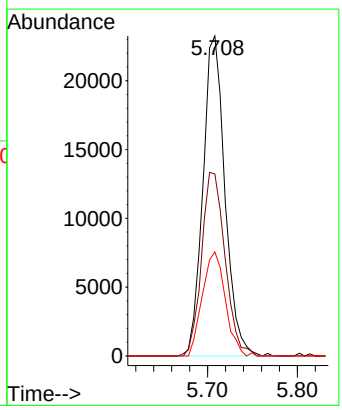


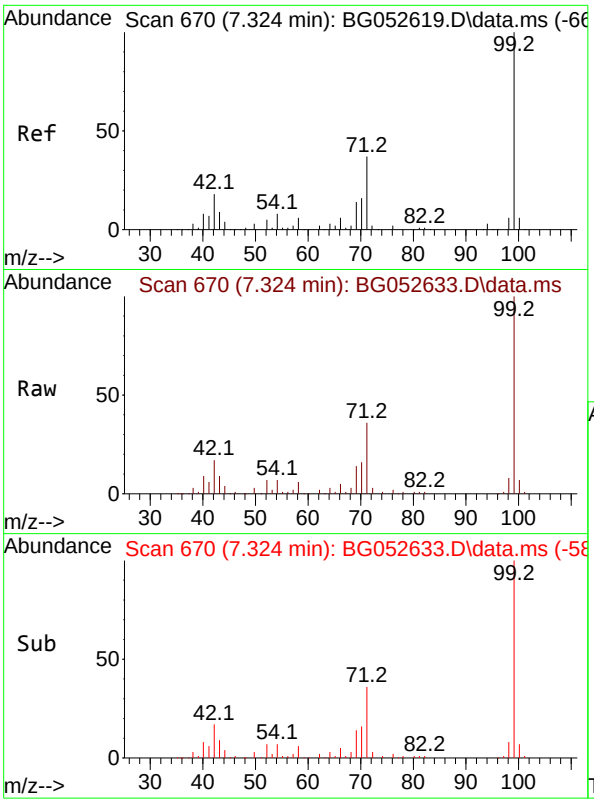


#5
2-Fluorophenol
Concen: 14.082 ng
RT: 5.708 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:112 Resp: 39570

Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.0	72.0
63	32.5	26.5	39.7



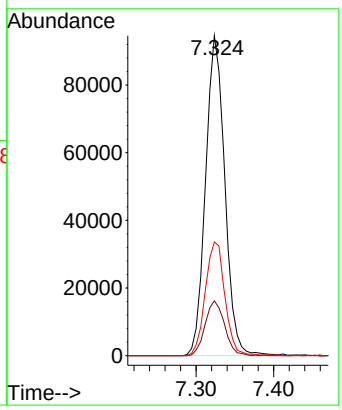


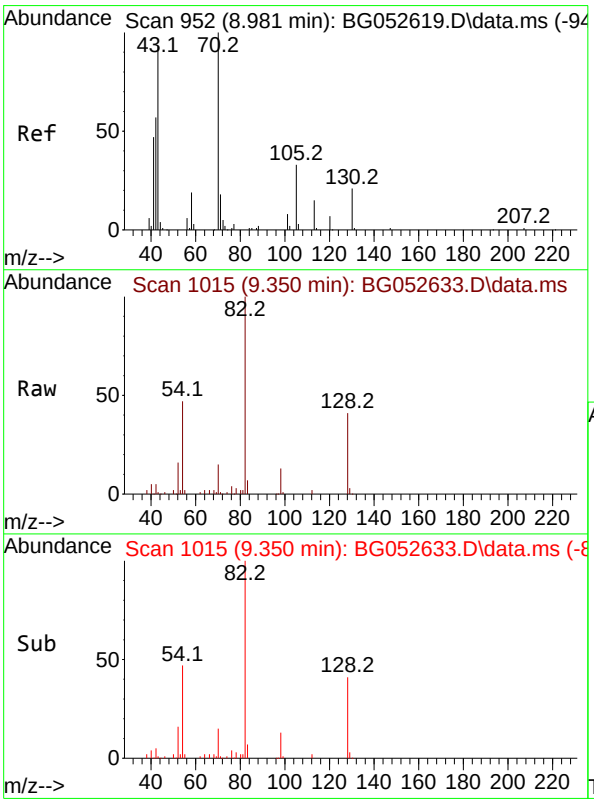
#7
Phenol-d6
Concen: 40.034 ng
RT: 7.324 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion: 99 Resp: 162808

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	35.6	29.2	43.8

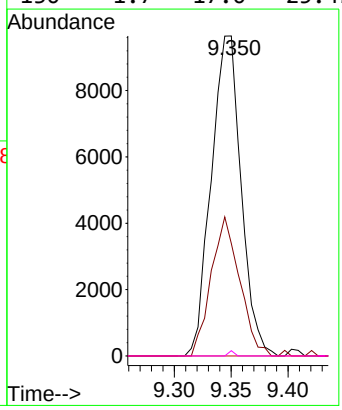


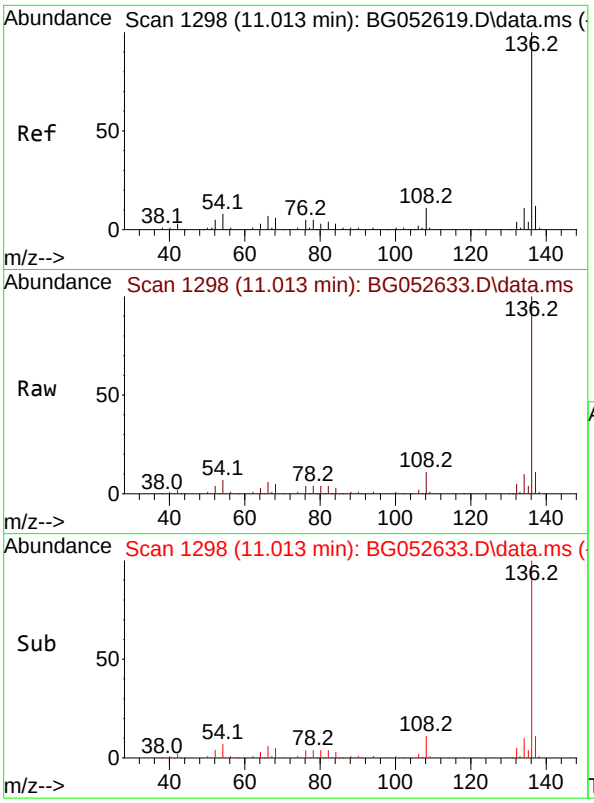


#19
n-Nitroso-di-n-propylamine
Concen: 6.405 ng
RT: 9.350 min Scan# 1015
Delta R.T. 0.369 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion: 70 Resp: 17626

Ion	Ratio	Lower	Upper
70	100		
42	35.1	46.0	69.0#
101	0.0	6.2	9.4#
130	1.7	17.0	25.4#



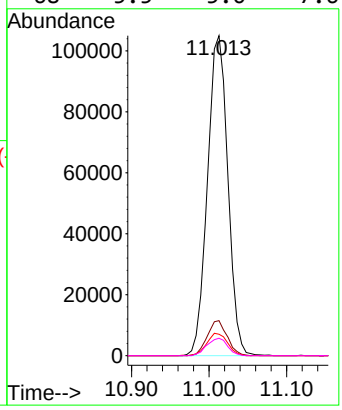


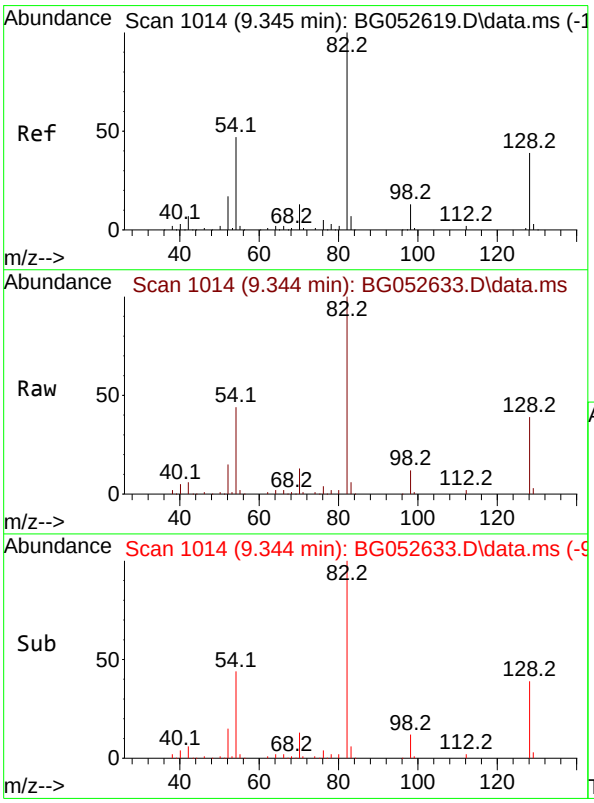
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.013 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:136 Resp: 191773

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	6.7	6.4	9.6
68	5.5	5.0	7.6

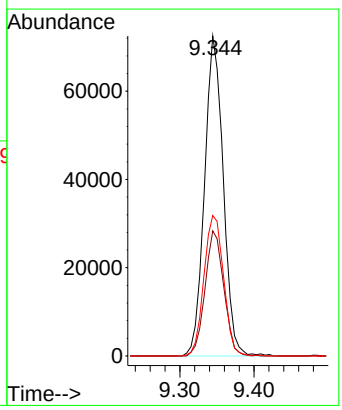


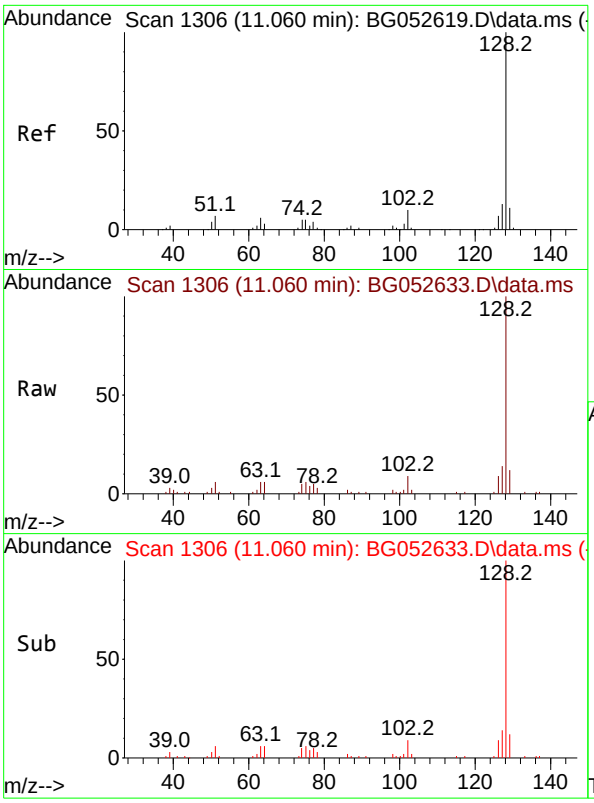


#23
Nitrobenzene-d5
Concen: 30.034 ng
RT: 9.344 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion: 82 Resp: 127057

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	43.9	37.8	56.8



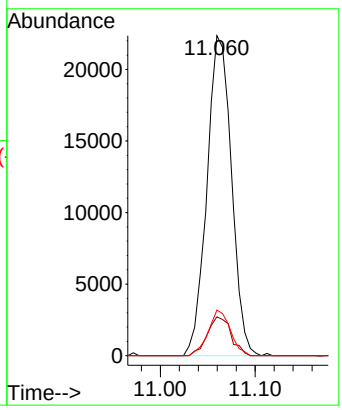


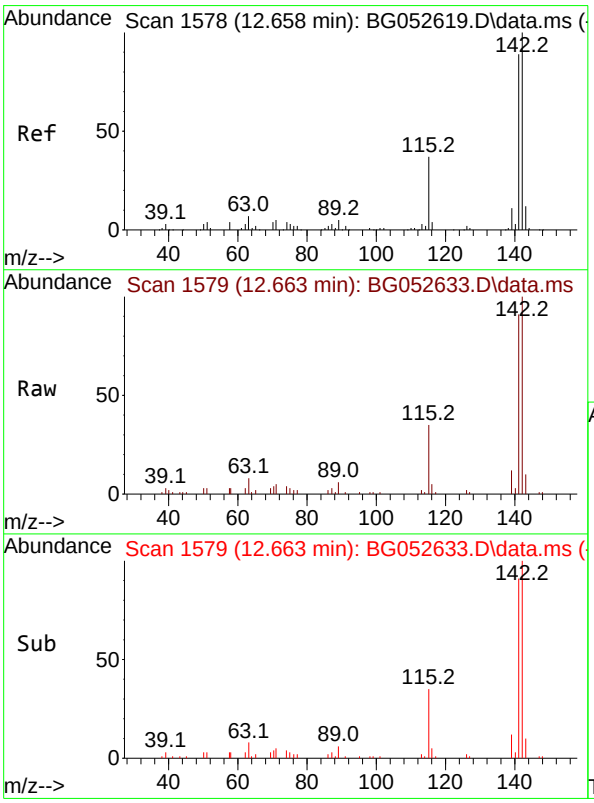
#31
Naphthalene
Concen: 3.995 ng
RT: 11.060 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:128 Resp: 40312

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.2	10.5	15.7

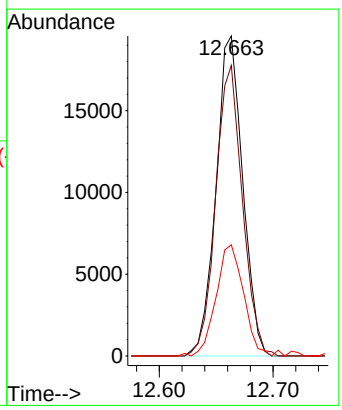


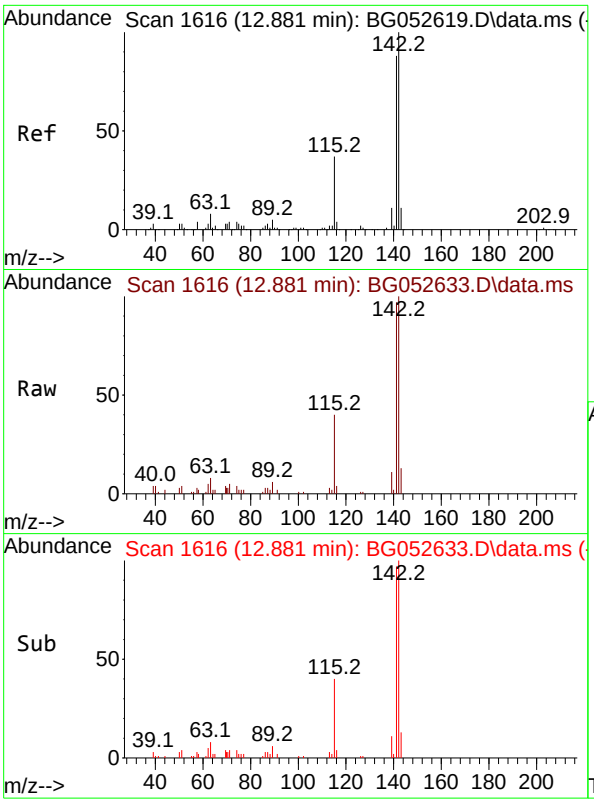


#37
2-Methylnaphthalene
Concen: 4.378 ng
RT: 12.663 min Scan# 1579
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:142 Resp: 31919

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	34.8	29.5	44.3



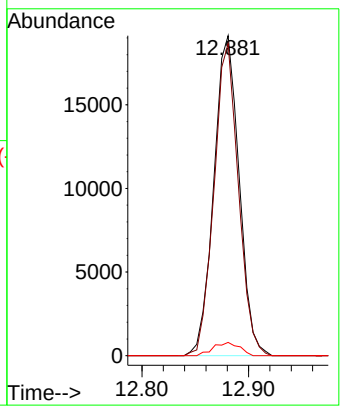


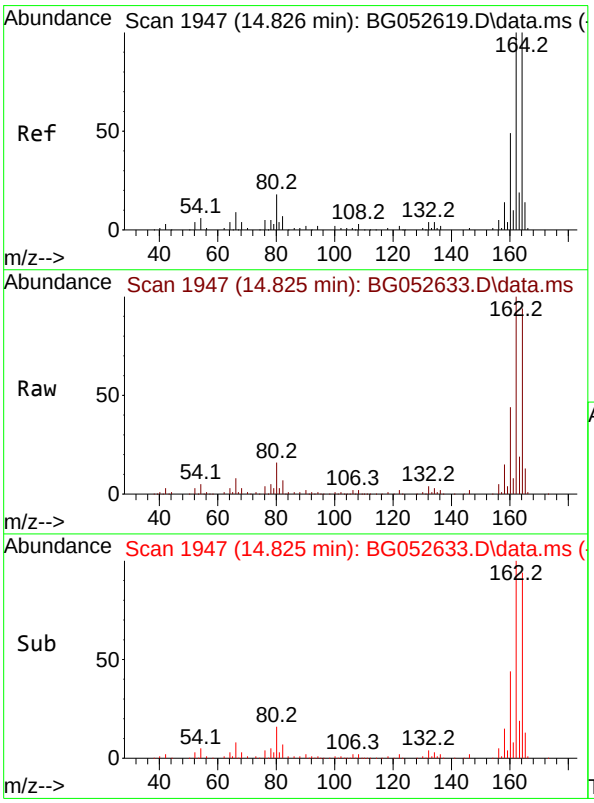
#38
1-Methylnaphthalene
Concen: 4.400 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:142 Resp: 31498

Ion	Ratio	Lower	Upper
142	100		
141	97.5	70.5	105.7
116	4.2	3.1	4.7

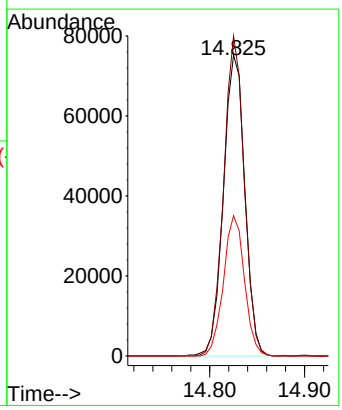


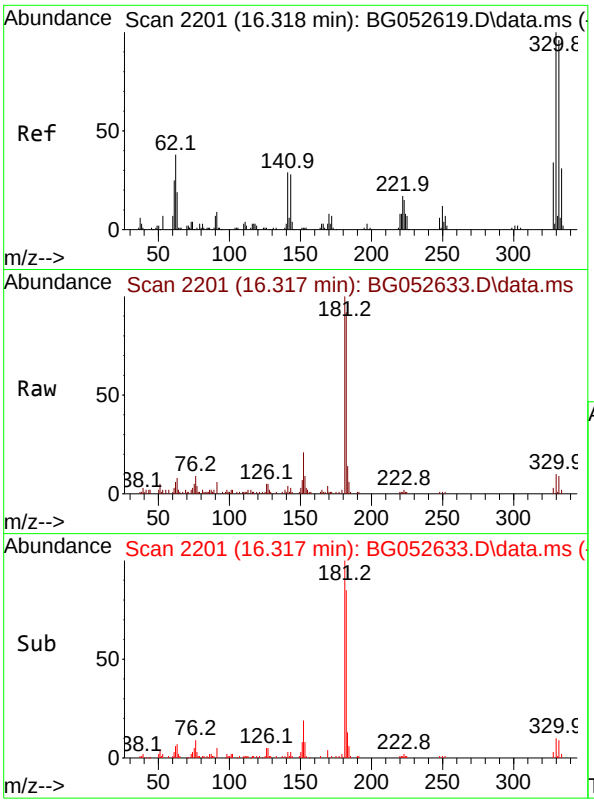


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:164 Resp: 118010

Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.0	120.0
160	46.7	38.8	58.2



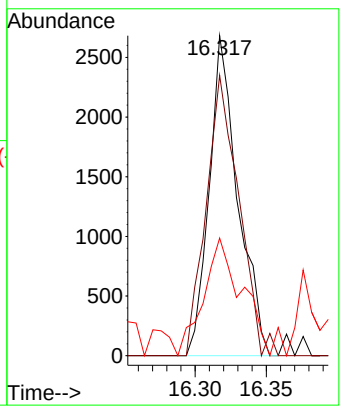


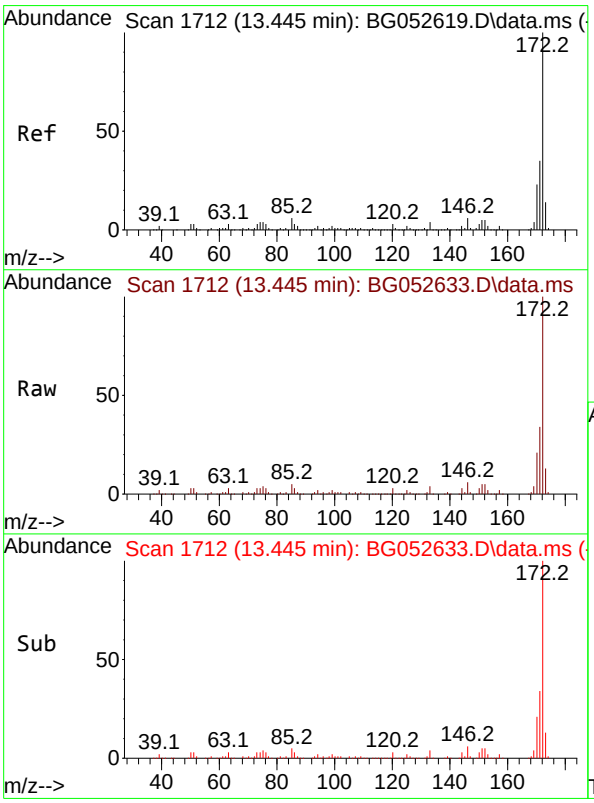
#42
2,4,6-Tribromophenol
Concen: 2.241 ng
RT: 16.317 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:330 Resp: 3751

Ion	Ratio	Lower	Upper
330	100		
332	99.8	75.8	113.6
141	48.7	24.6	36.8#

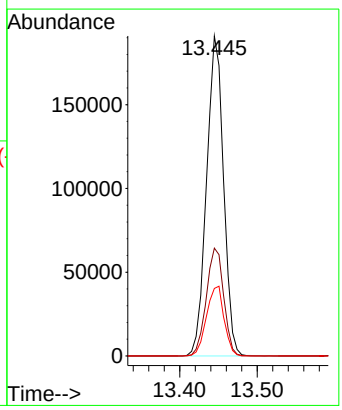


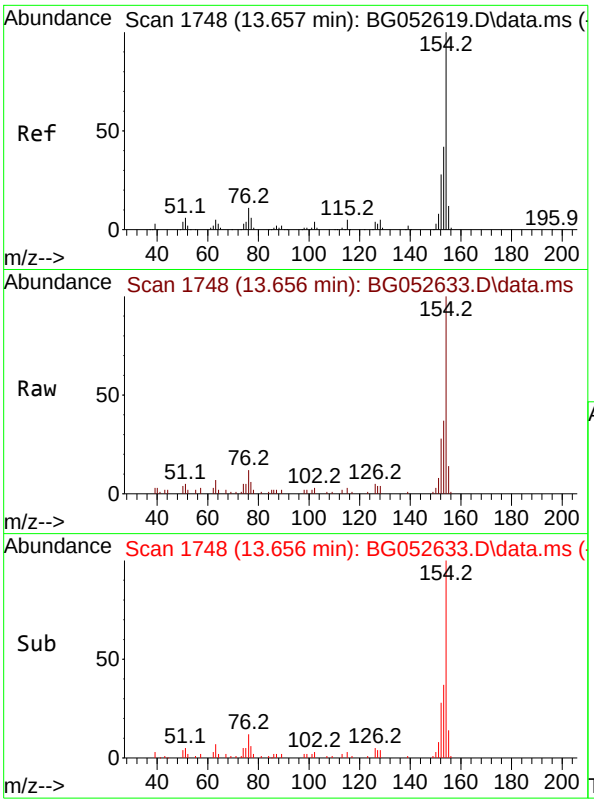


#45
2-Fluorobiphenyl
Concen: 33.209 ng
RT: 13.445 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:172 Resp: 290347

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.3	42.5
170	21.1	18.0	27.0



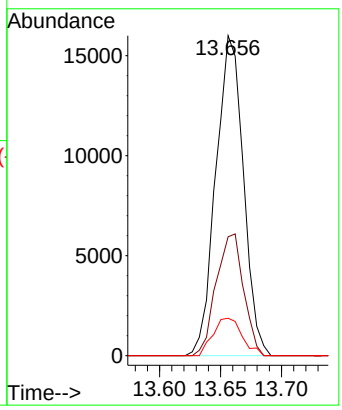


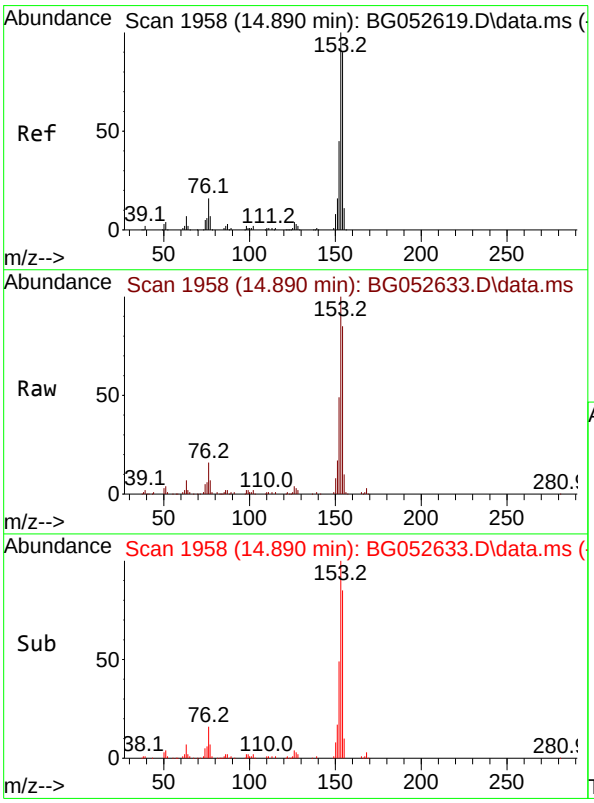
#46
1,1'-Biphenyl
Concen: 2.851 ng
RT: 13.656 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:154 Resp: 25161

Ion	Ratio	Lower	Upper
154	100		
153	37.2	21.6	61.6
76	11.7	0.0	31.5

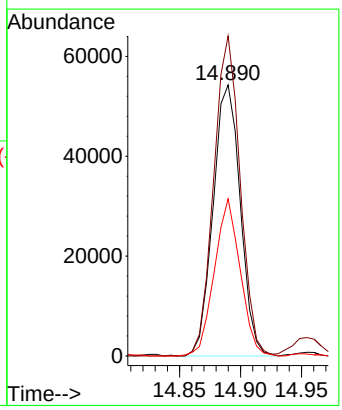


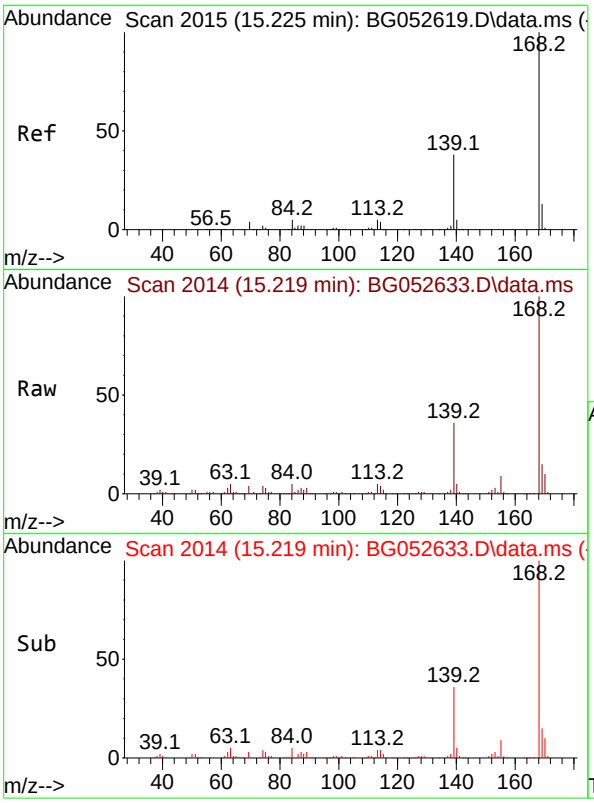


#52
Acenaphthene
Concen: 12.774 ng
RT: 14.890 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:154 Resp: 84213

Ion	Ratio	Lower	Upper
154	100		
153	118.1	89.0	133.4
152	58.0	40.5	60.7



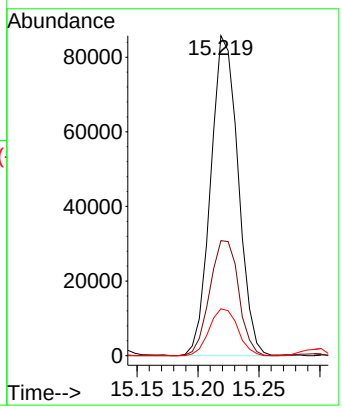


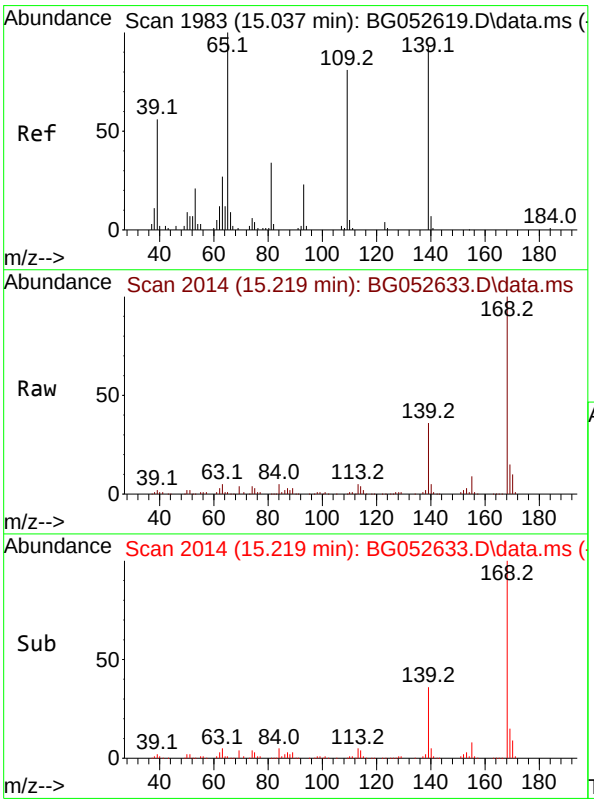
#55
Dibenzofuran
Concen: 12.022 ng
RT: 15.219 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:168 Resp: 134404

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.2	45.4
169	14.6	10.7	16.1

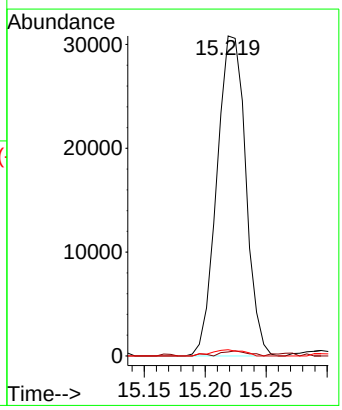


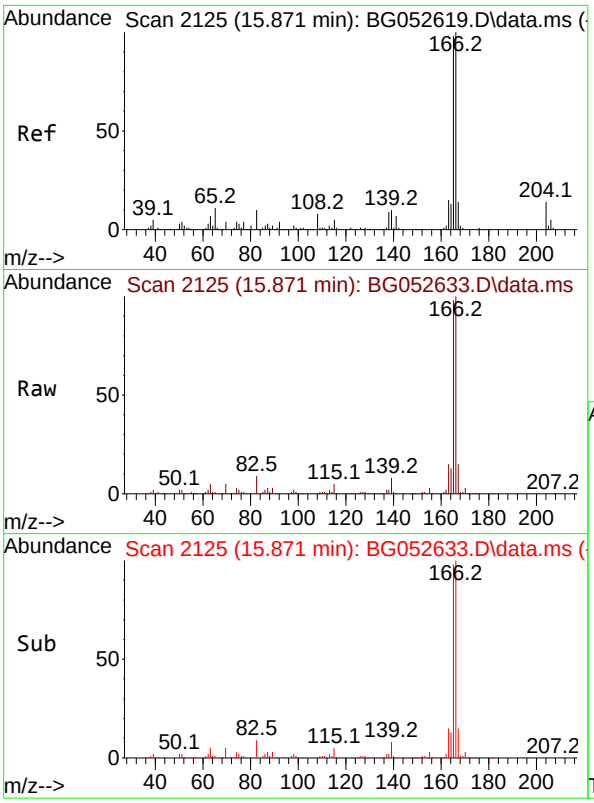


#56
4-Nitrophenol
Concen: 36.060 ng
RT: 15.219 min Scan# 2014
Delta R.T. 0.182 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:139 Resp: 50716

Ion	Ratio	Lower	Upper
139	100		
109	1.3	67.1	107.1#
65	1.9	88.2	128.2#



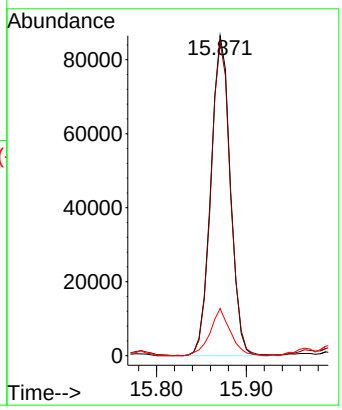


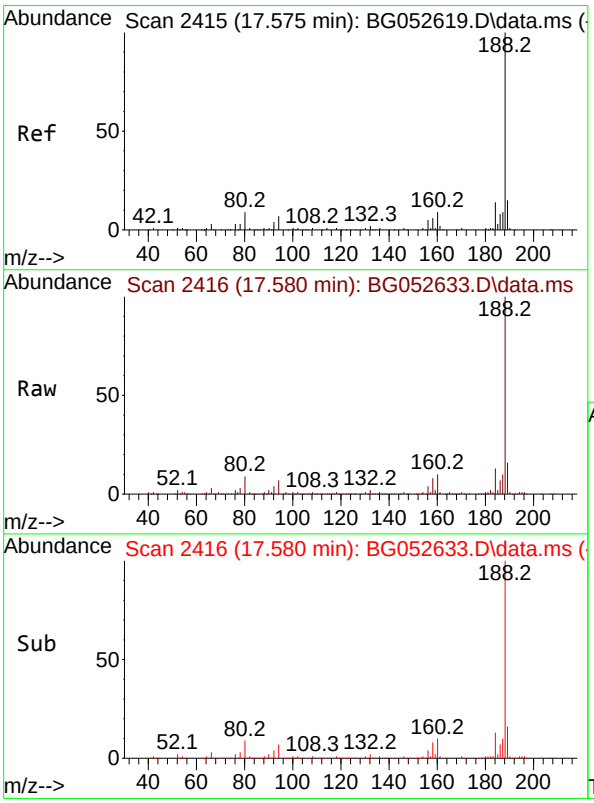
#58
Fluorene
Concen: 14.331 ng
RT: 15.871 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:166 Resp: 130118

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	14.7	10.9	16.3

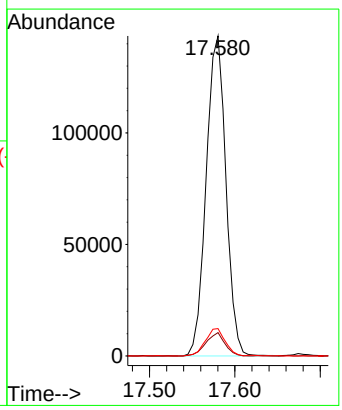


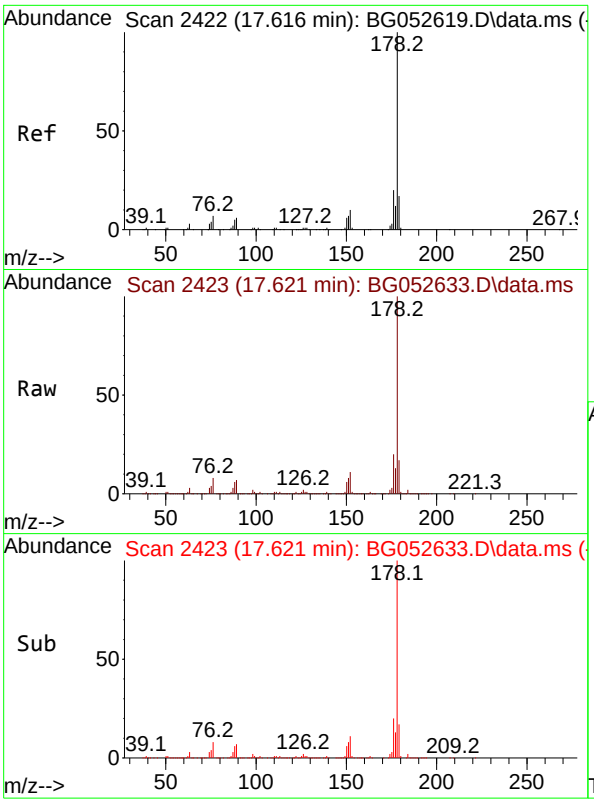


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2416
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:188 Resp: 230849

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.5	7.2	10.8



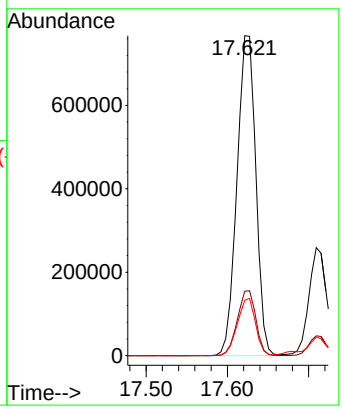


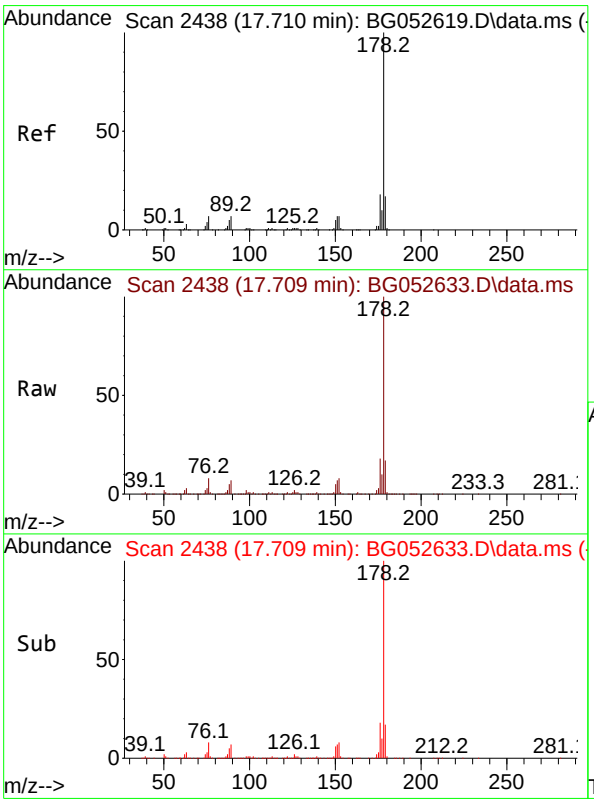
#71
Phenanthrene
Concen: 102.251 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:178 Resp: 1238451

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	17.3	13.4	20.2

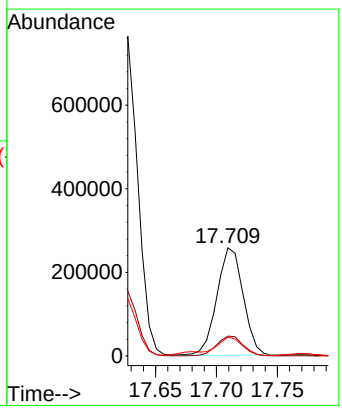


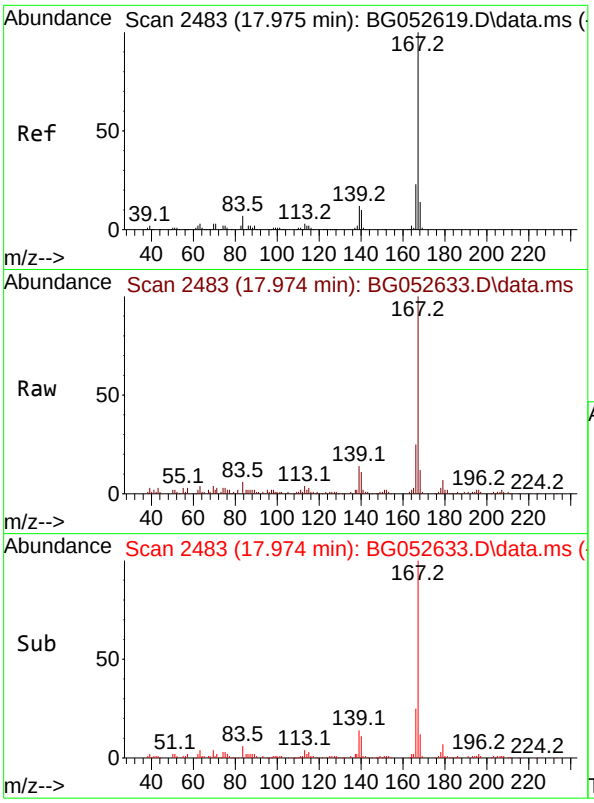


#72
Anthracene
Concen: 32.546 ng
RT: 17.709 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:178 Resp: 385921

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	17.4	13.2	19.8



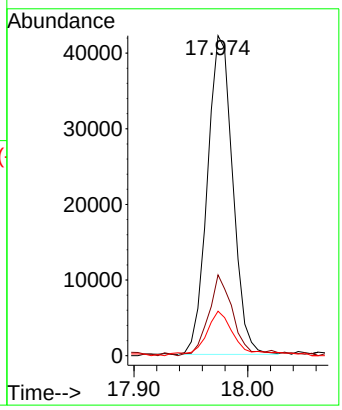


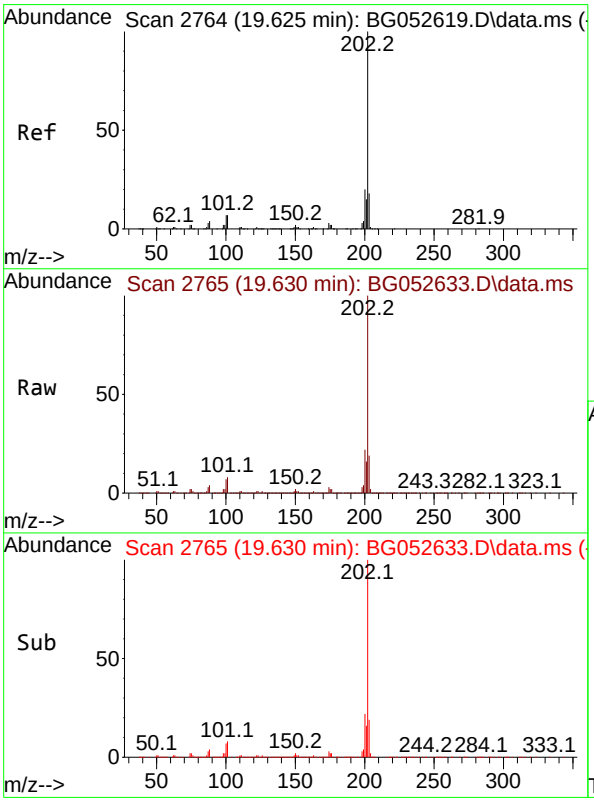
#73
Carbazole
Concen: 5.625 ng
RT: 17.974 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:167 Resp: 65280

Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.5	27.7
139	13.9	10.0	15.0

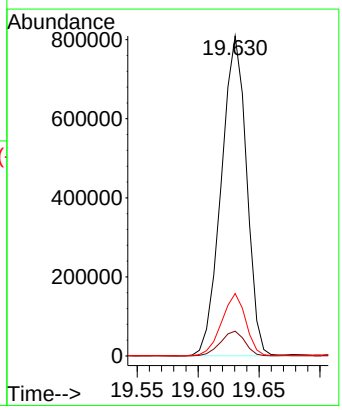


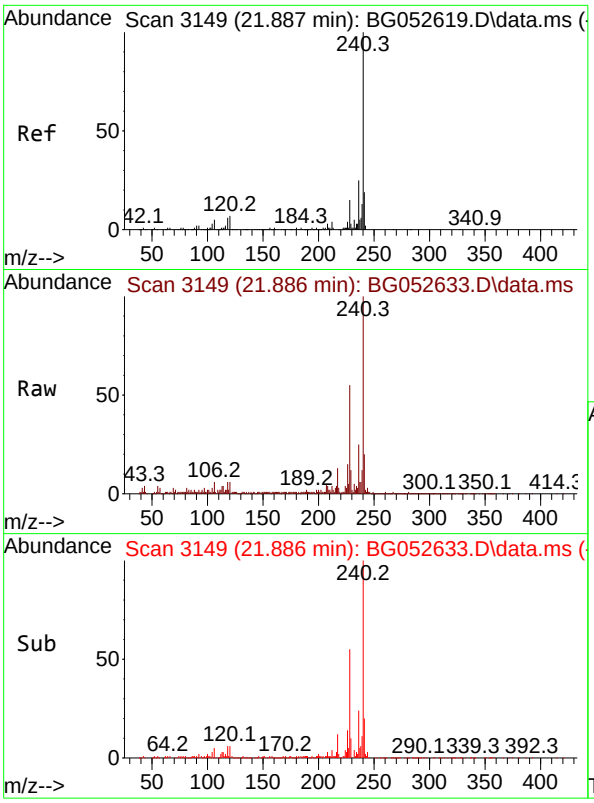


#75
Fluoranthene
Concen: 77.214 ng
RT: 19.630 min Scan# 2765
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:202 Resp: 1167737

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.3
203	19.5	0.0	37.7



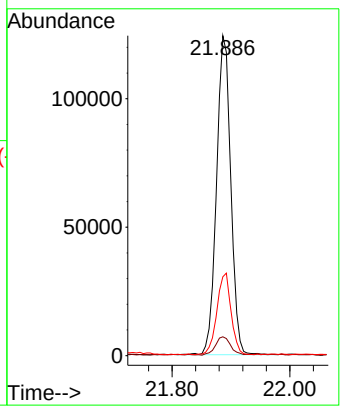


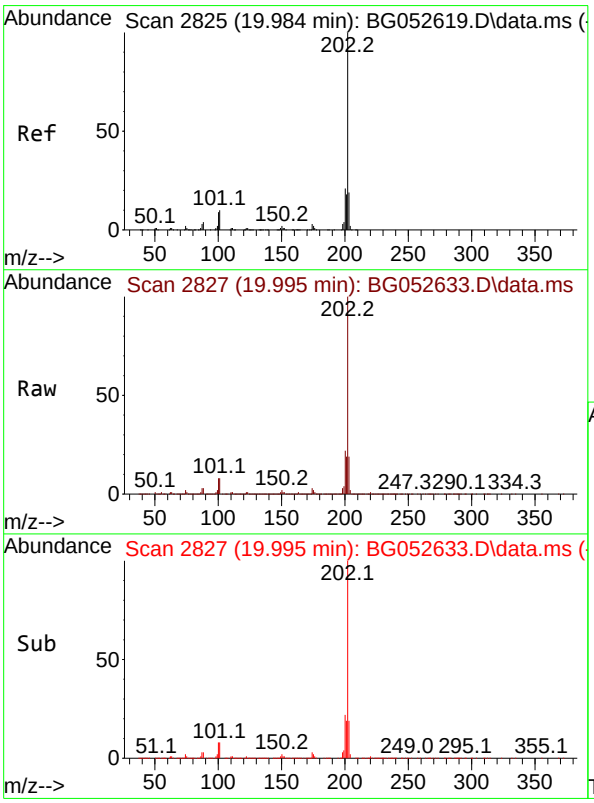
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:240 Resp: 208335

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.4	8.0
236	24.7	19.8	29.6

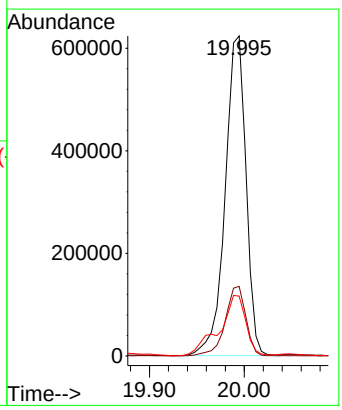


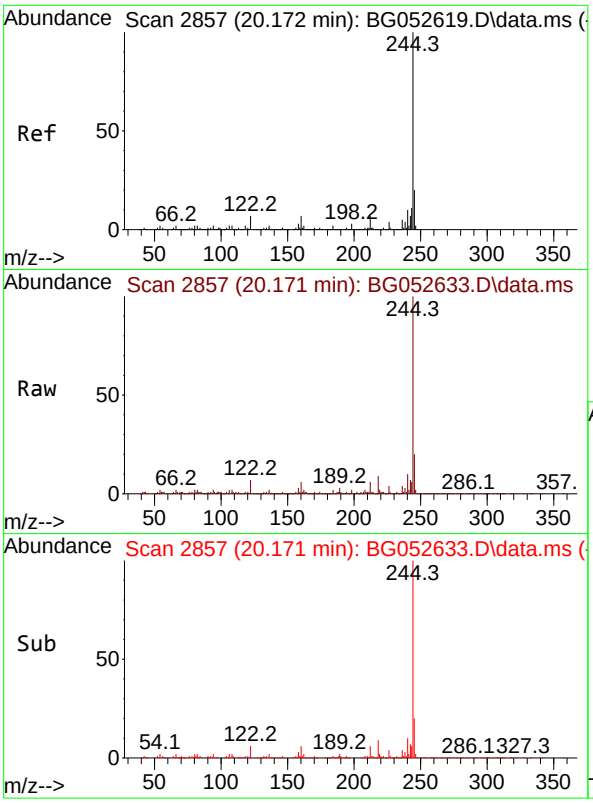


#78
Pyrene
Concen: 68.482 ng
RT: 19.995 min Scan# 2827
Delta R.T. 0.011 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:202 Resp: 953646

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	18.7	15.0	22.6



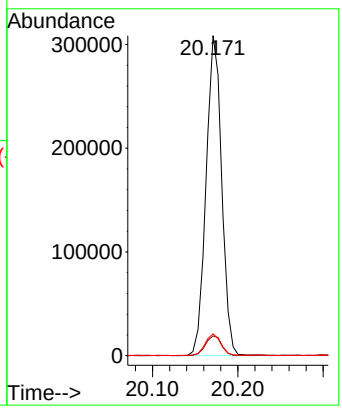


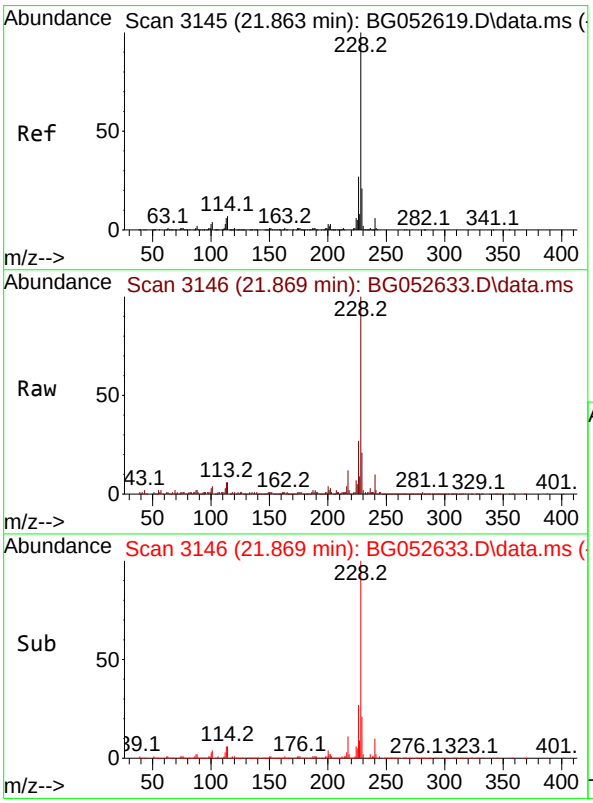
#79
Terphenyl-d14
Concen: 33.289 ng
RT: 20.171 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:244 Resp: 391923

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	6.9	5.8	8.6

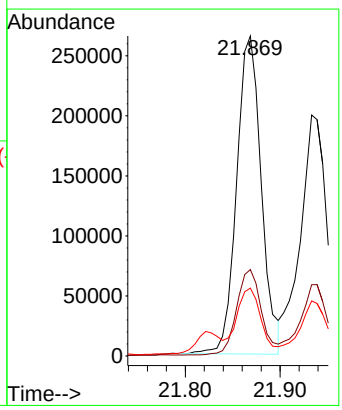


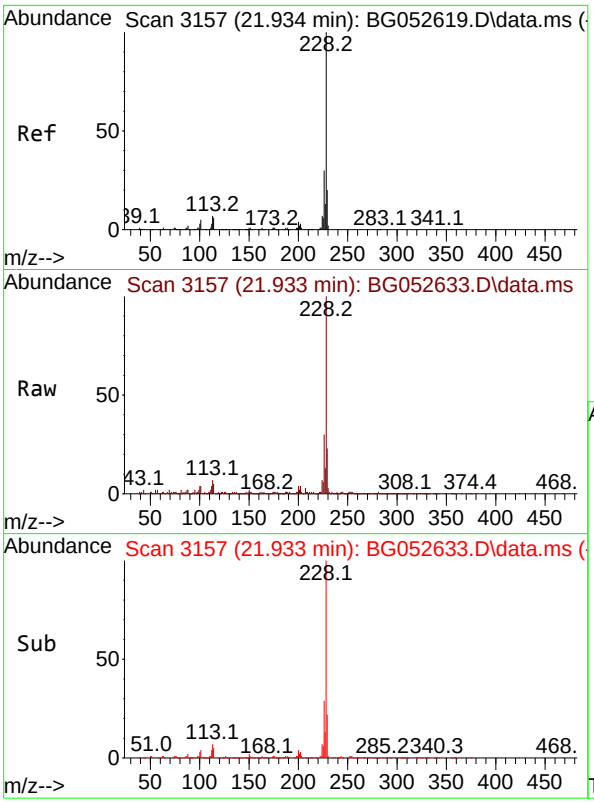


#81
Benzo(a)anthracene
Concen: 34.311 ng
RT: 21.869 min Scan# 3146
Delta R.T. 0.005 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:228 Resp: 478919

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	21.2	16.7	25.1



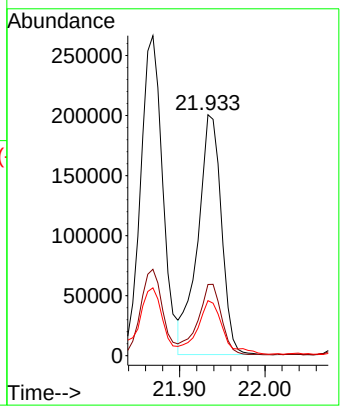


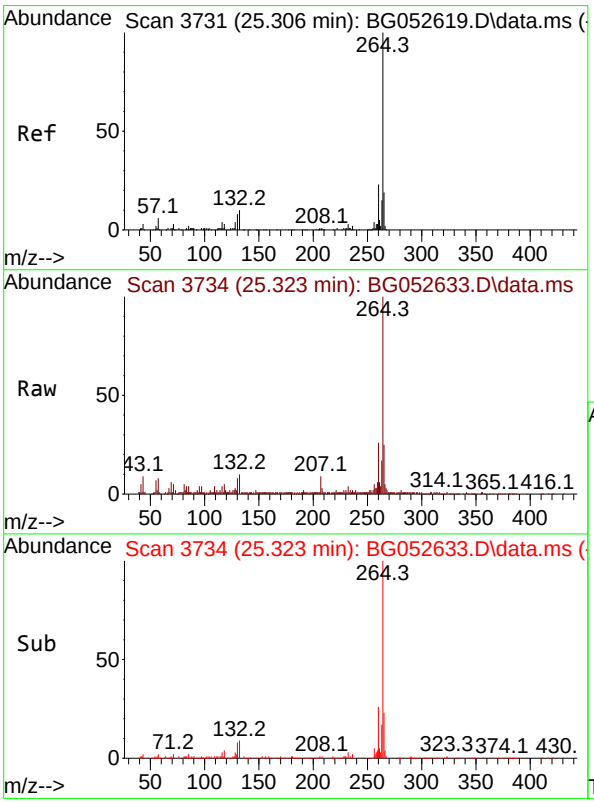
#83
Chrysene
Concen: 29.477 ng
RT: 21.933 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:228 Resp: 384710

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	22.9	16.3	24.5

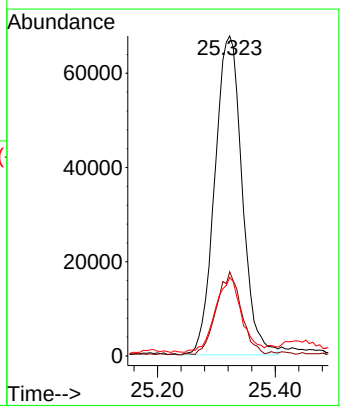


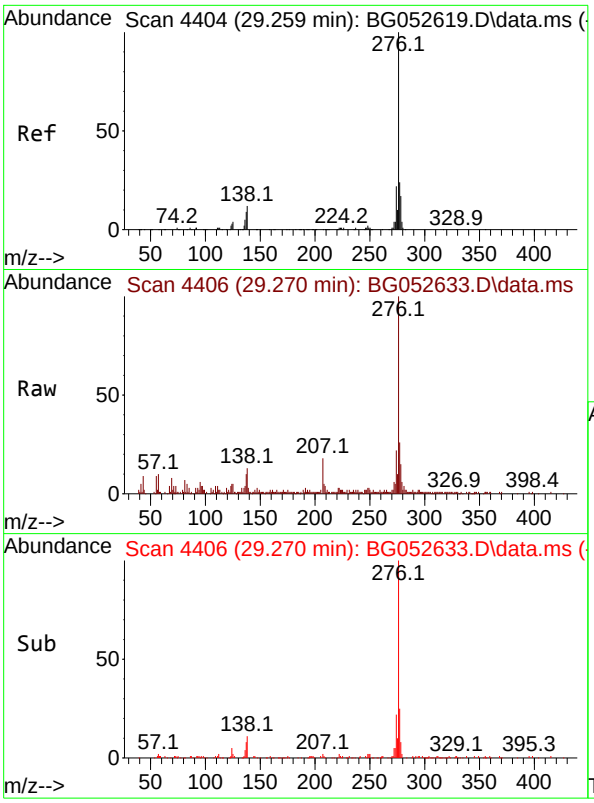


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.323 min Scan# 3734
Delta R.T. 0.017 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:264 Resp: 218173

Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.2	27.2
265	24.5	15.1	22.7#



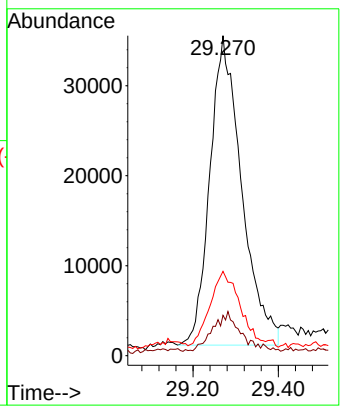


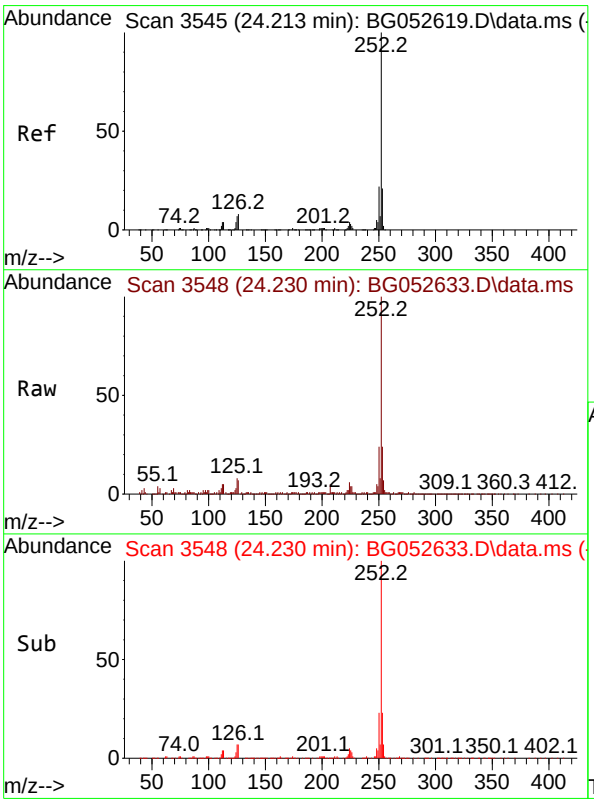
#87
Indeno(1,2,3-cd)pyrene
Concen: 11.367 ng
RT: 29.270 min Scan# 44
Delta R.T. 0.011 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:276 Resp: 177718

Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.7	13.1
277	22.6	20.2	30.4

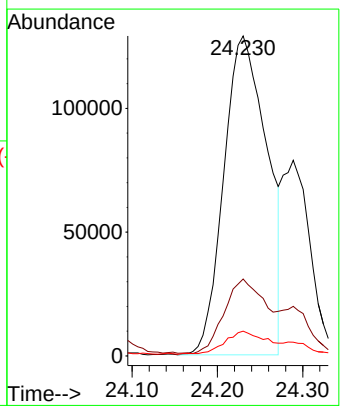


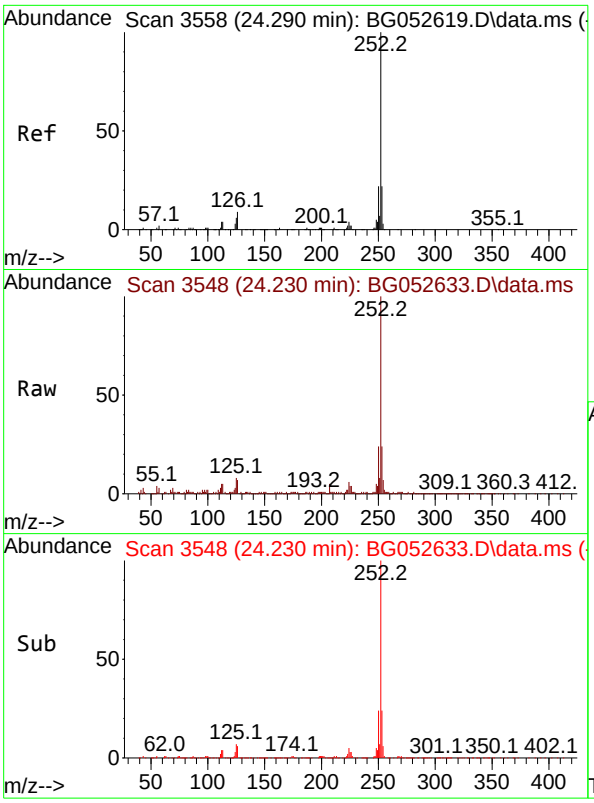


#88
Benzo(b)fluoranthene
Concen: 33.716 ng
RT: 24.230 min Scan# 3548
Delta R.T. 0.017 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:252 Resp: 454161

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	7.8	5.2	7.8



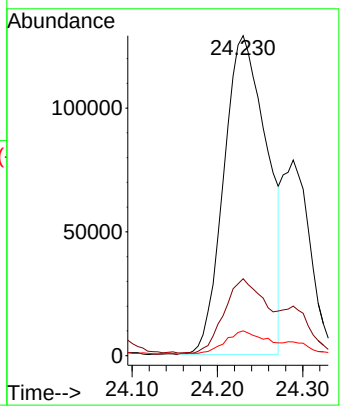


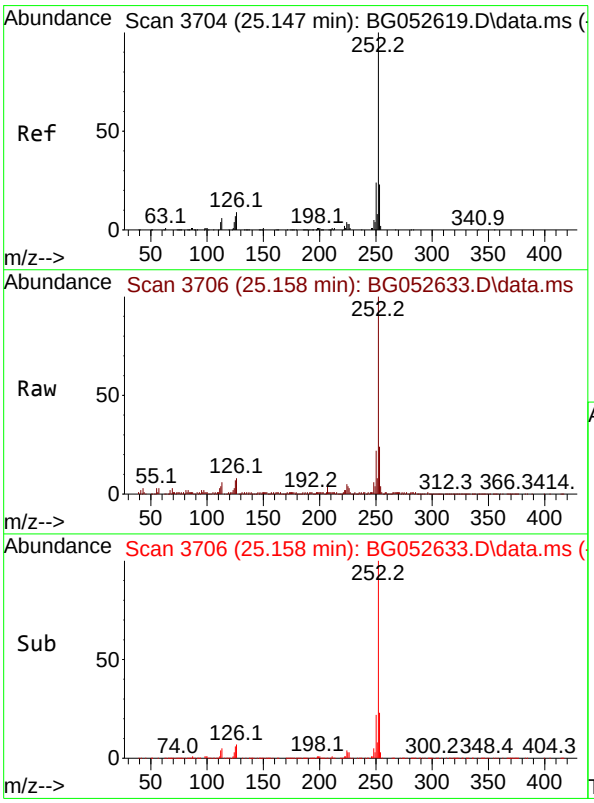
#89
Benzo(k)fluoranthene
Concen: 33.525 ng
RT: 24.230 min Scan# 3
Delta R.T. -0.059 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:252 Resp: 454161

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	7.8	5.0	7.4#

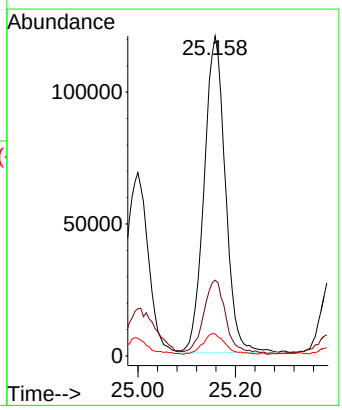


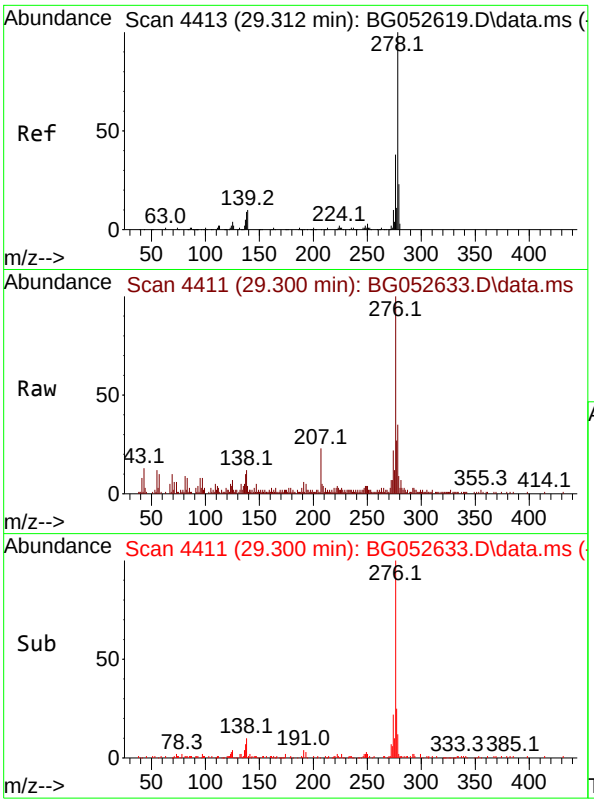


#90
Benzo(a)pyrene
Concen: 31.785 ng
RT: 25.158 min Scan# 3706
Delta R.T. 0.011 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:252 Resp: 362261

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	6.9	5.6	8.4



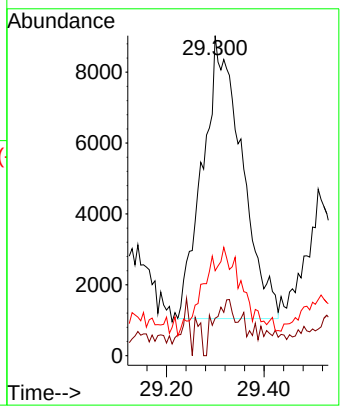


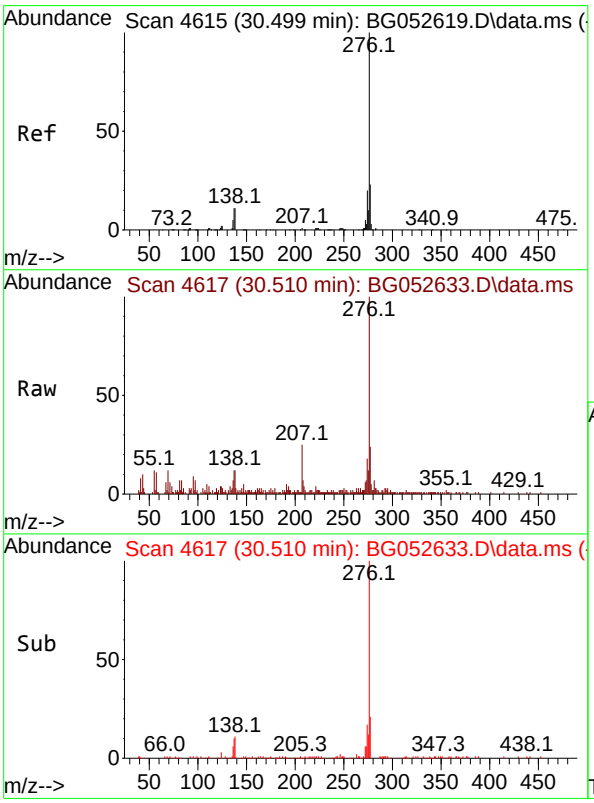
#91
Dibenzo(a,h)anthracene
Concen: 3.414 ng
RT: 29.300 min Scan# 44
Delta R.T. -0.012 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:278 Resp: 44297

Ion	Ratio	Lower	Upper
278	100		
139	11.7	7.8	11.6#
279	26.6	18.5	27.7





#92
Benzo(g,h,i)perylene
Concen: 12.300 ng
RT: 30.510 min Scan# 4617
Delta R.T. 0.011 min
Lab File: BG052633.D
Acq: 10 Mar 2022 14:24

Tgt Ion:276 Resp: 155757

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.2
138	12.2	9.1	13.7