Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
Data File : BG056395.D
Acq On : 23 Jan 2023 22:33
Operator : CG/JU
Sample : 01256-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Quant Time: Jan 24 01:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	54206	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	195325	20.000	ng	# 0.00
39) Acenaphthene-d10	14.916	164	137717	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	303420	20.000	ng	0.00
76) Chrysene-d12	21.954	240	296461	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	296454	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	168476	55.494	ng	0.00
7) Phenol-d6	7.442	99	236278	50.679	ng	0.00
23) Nitrobenzene-d5	9.475	82	127371	33.356	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	85008	48.739	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	351975	35.293	ng	0.00
79) Terphenyl-d14	20.227	244	550126	33.236	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.416	117	9871	8.801	ng	# 1
22) Acetophenone	9.105	105	22181	4.016	ng	# 65
31) Naphthalene	11.185	128	377483	36.721	ng	99
33) 4-Chloroaniline	11.185	127	54833	11.172	ng	# 35
35) Caprolactam	12.107	113	8189	6.195	ng	# 1
37) 2-Methylnaphthalene	12.765	142	183784	21.174	ng	99
38) 1-Methylnaphthalene	12.765	142	183784	22.801	ng	94
46) 1,1'-Biphenyl	13.752	154	58849	5.967	ng	93
49) Acenaphthylene	14.645	152	42716	3.372	ng	# 85
52) Acenaphthene	14.980	154	130082	15.788	ng	97
55) Dibenzofuran	15.309	168	326469	23.944	ng	96
56) 4-Nitrophenol	15.110	139	3646	2.103	ng	# 72
58) Fluorene	15.956	166	434867	39.653	ng	99
62) 4-Nitroaniline	15.956	138	5789	2.507	ng	# 40
63) Azobenzene	16.249	77	36246	4.505	ng	# 1
71) Phenanthrene	17.706	178	2888460	183.695	ng	96
72) Anthracene	17.789	178	758466	46.760	ng	99
73) Carbazole	18.047	167	199325	14.619	ng	96
75) Fluoranthene	19.698	202	3652732	178.088	ng	92
78) Pyrene	20.057	202	3105895	148.637	ng	# 92
81) Benzo(a)anthracene	21.931	228	1767094	84.864	ng	97
83) Chrysene	21.931	228	1767094	90.599	ng	96
87) Indeno(1,2,3-cd)pyrene	29.375	276	591833	27.450	ng	# 93
88) Benzo(b)fluoranthene	24.311	252	1733534	92.035	ng	# 96
89) Benzo(k)fluoranthene	24.311	252	1733534	92.423	ng	97
90) Benzo(a)pyrene	25.245	252	1435081	78.115	ng	97
91) Dibenzo(a,h)anthracene	29.405	278	154441	8.544	ng	# 84
92) Benzo(g,h,i)perylene	30.621	276	453761	25.886	ng	98

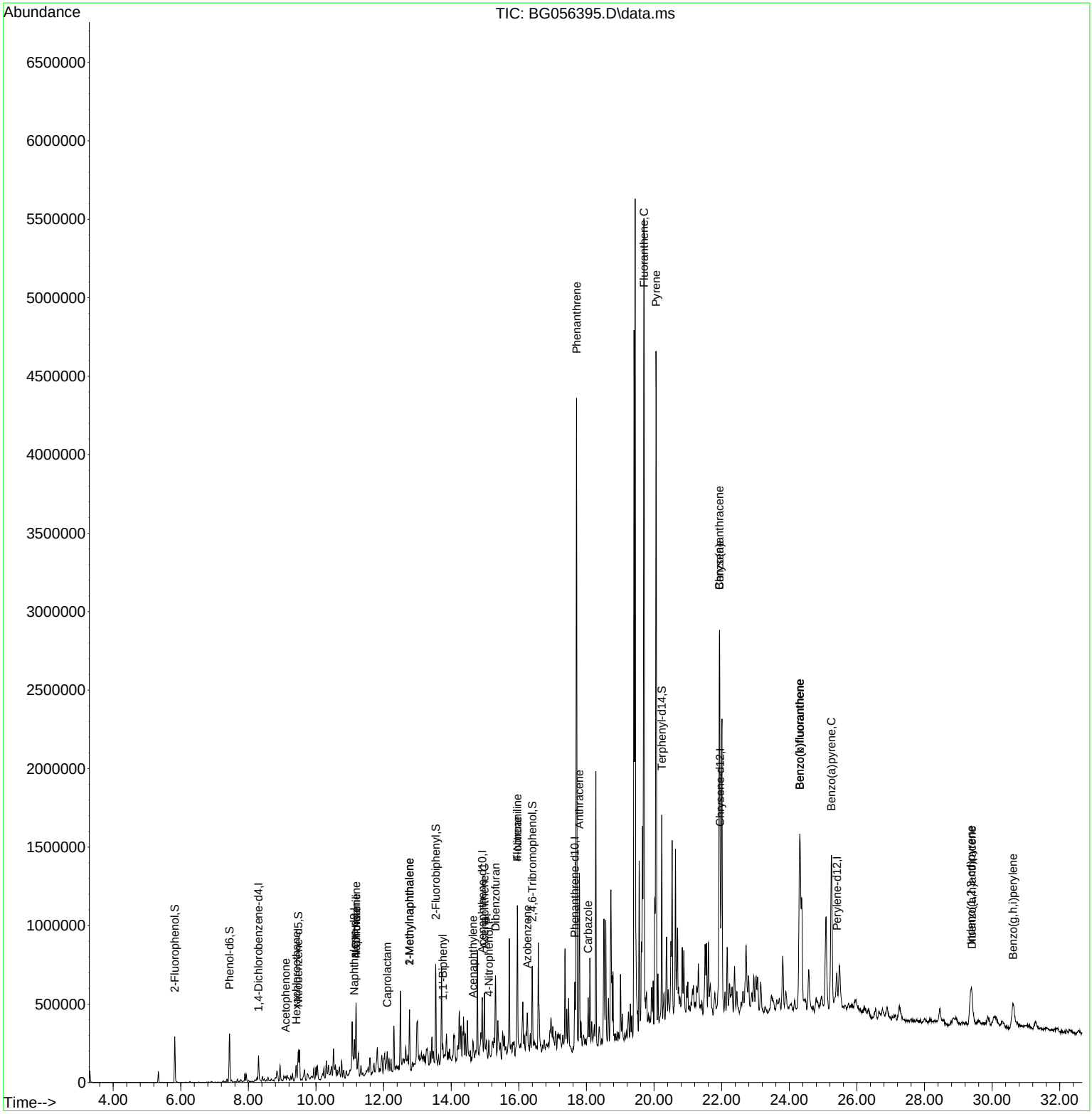
(#) = qualifier out of range (m) = manual integration (+) = signals summed

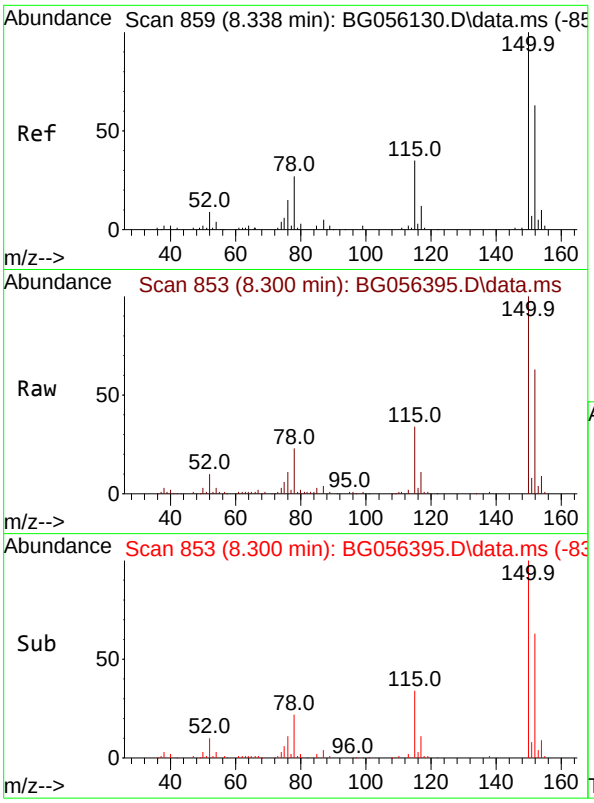
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
Data File : BG056395.D
Acq On : 23 Jan 2023 22:33
Operator : CG/JU
Sample : 01256-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Quant Time: Jan 24 01:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration



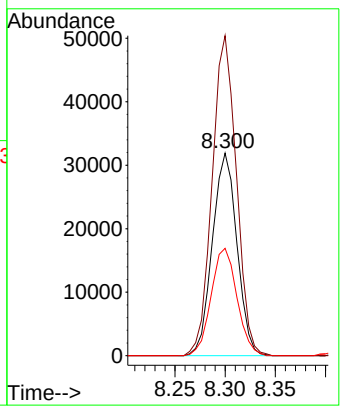


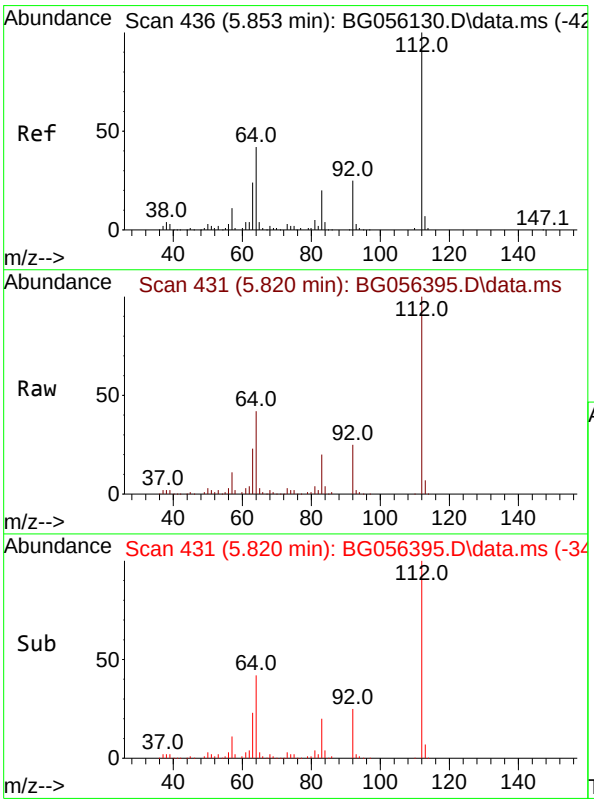
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:152 Resp: 54206

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.9	191.9
115	53.0	44.2	66.2

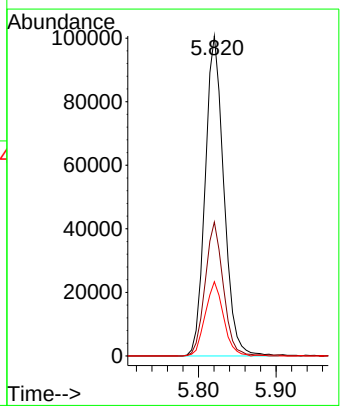


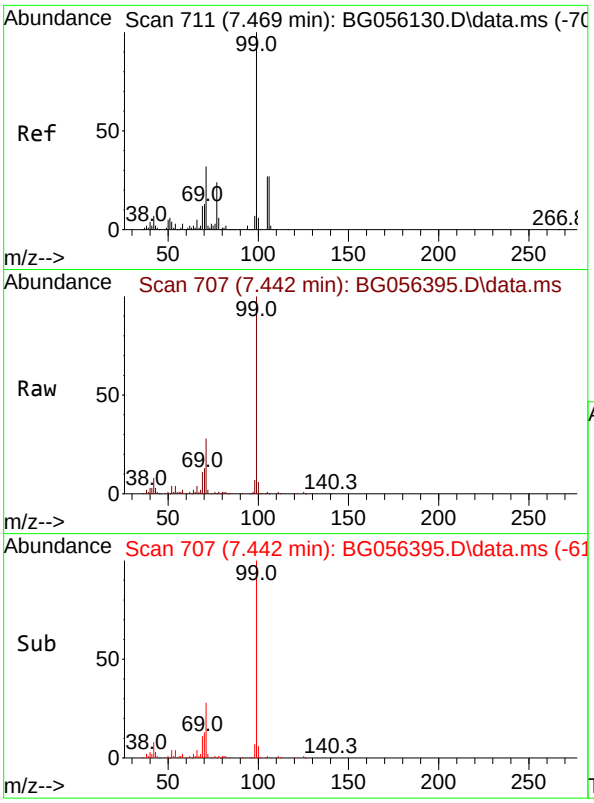


#5
2-Fluorophenol
Concen: 55.494 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:112 Resp: 168476

Ion	Ratio	Lower	Upper
112	100		
64	41.9	33.3	49.9
63	23.2	19.0	28.4



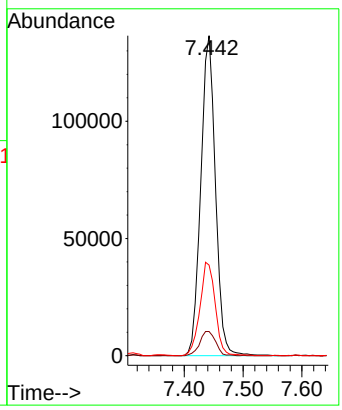


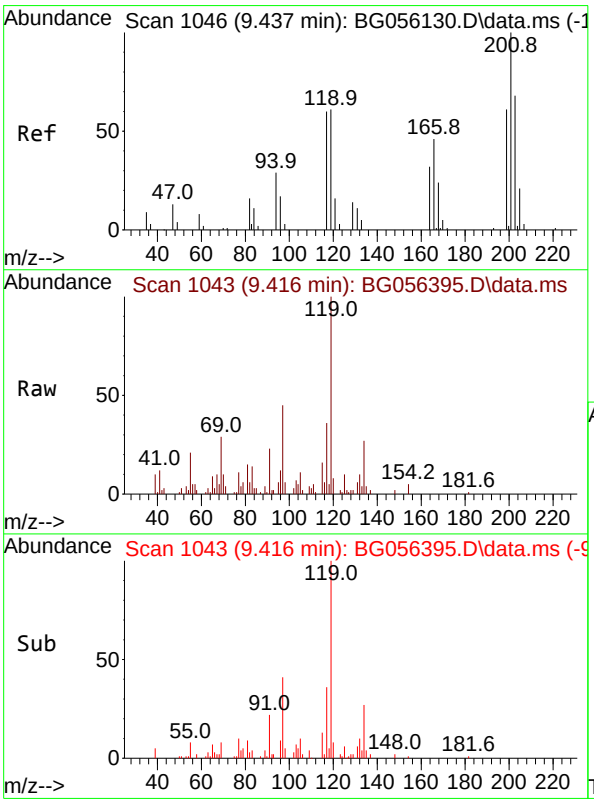
#7
Phenol-d6
Concen: 50.679 ng
RT: 7.442 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion: 99 Resp: 236278

Ion	Ratio	Lower	Upper
99	100		
42	7.5	5.9	8.9
71	28.3	25.4	38.2

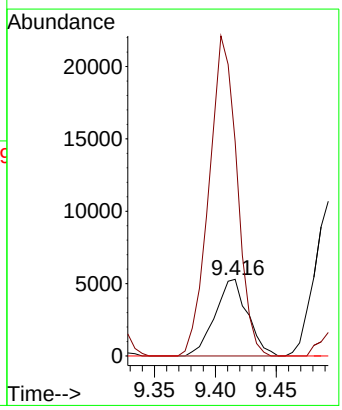


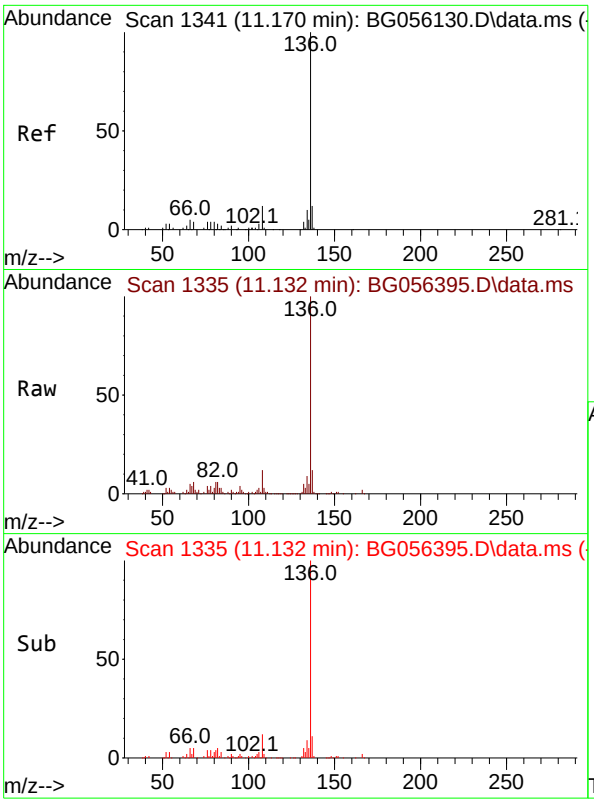


#18
Hexachloroethane
Concen: 8.801 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:117 Resp: 9871

Ion	Ratio	Lower	Upper
117	100		
119	279.7	81.8	122.6#
201	0.0	134.2	201.2#



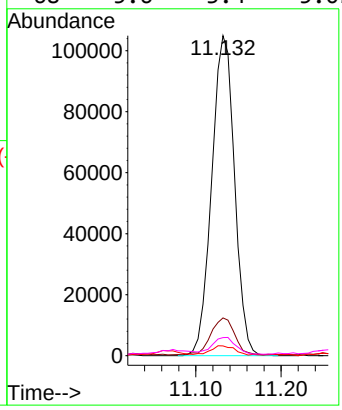


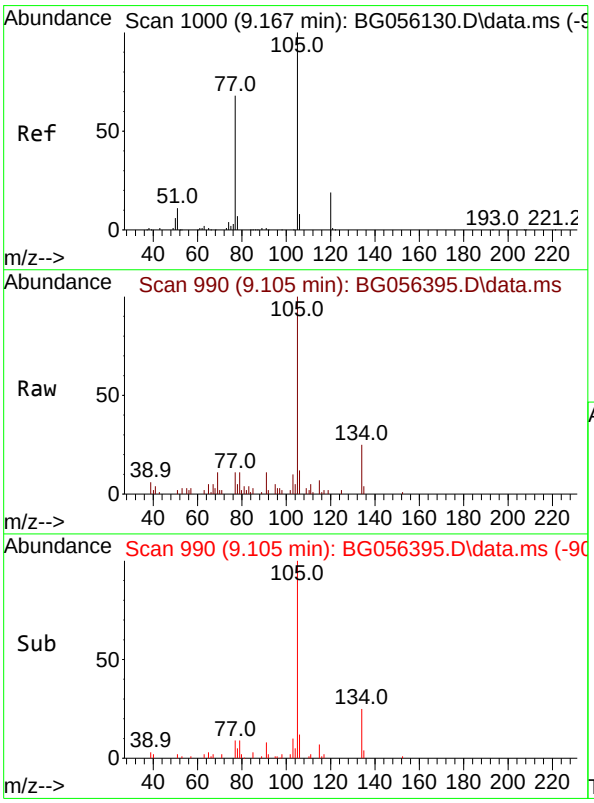
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:136 Resp: 195325

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	3.0	2.2	3.2
68	5.6	3.4	5.0#

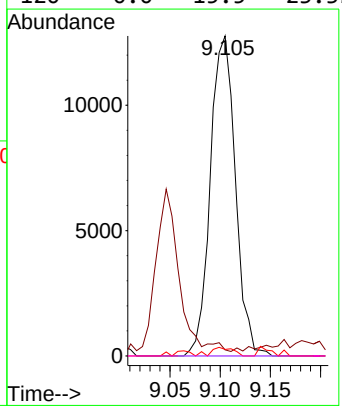


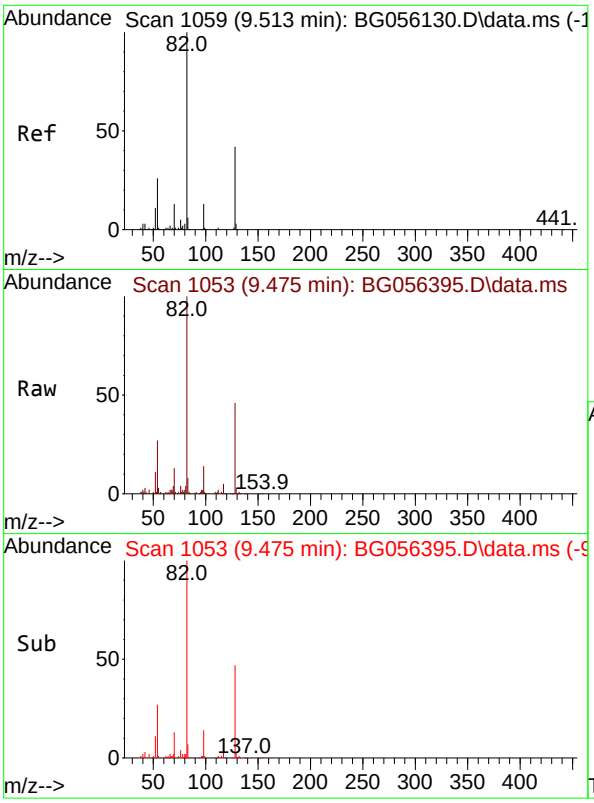


#22
Acetophenone
Concen: 4.016 ng
RT: 9.105 min Scan# 990
Delta R.T. -0.030 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:105 Resp: 22181

Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.5	0.7#
51	2.1	9.3	13.9#
120	0.0	15.5	23.3#



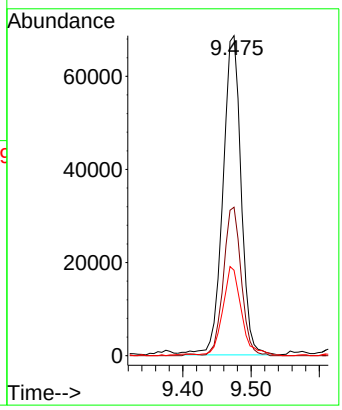


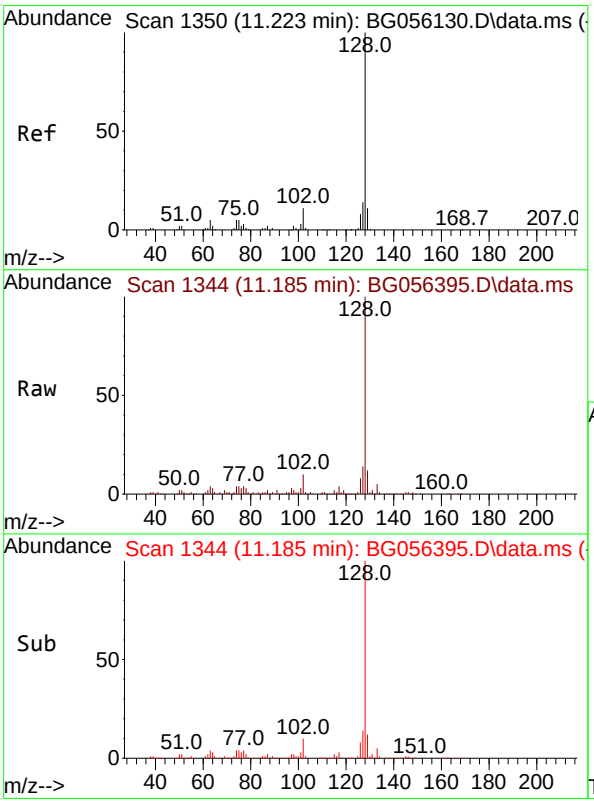
#23
Nitrobenzene-d5
Concen: 33.356 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion: 82 Resp: 127371

Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.4	50.2
54	26.7	20.3	30.5

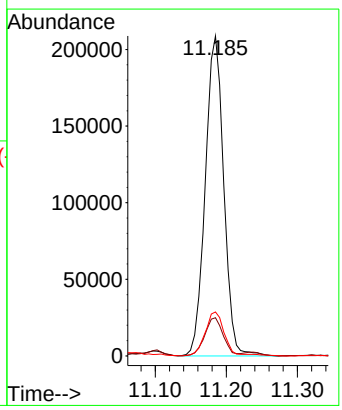


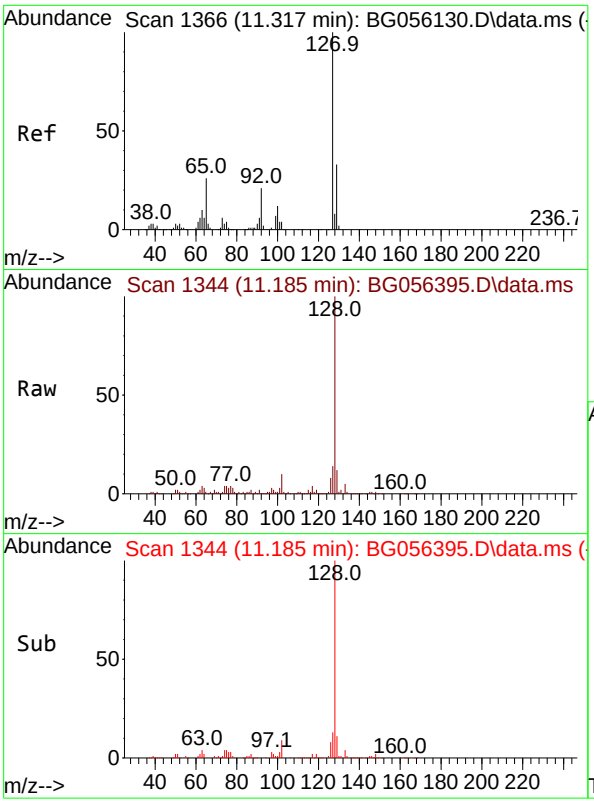


#31
Naphthalene
Concen: 36.721 ng
RT: 11.185 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:128 Resp: 377483

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.7	11.2	16.8



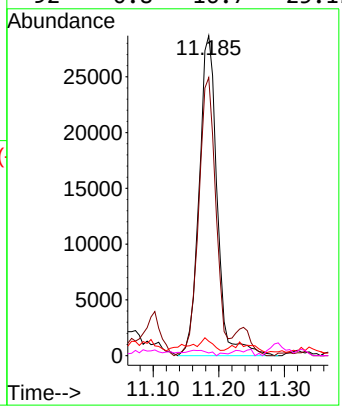


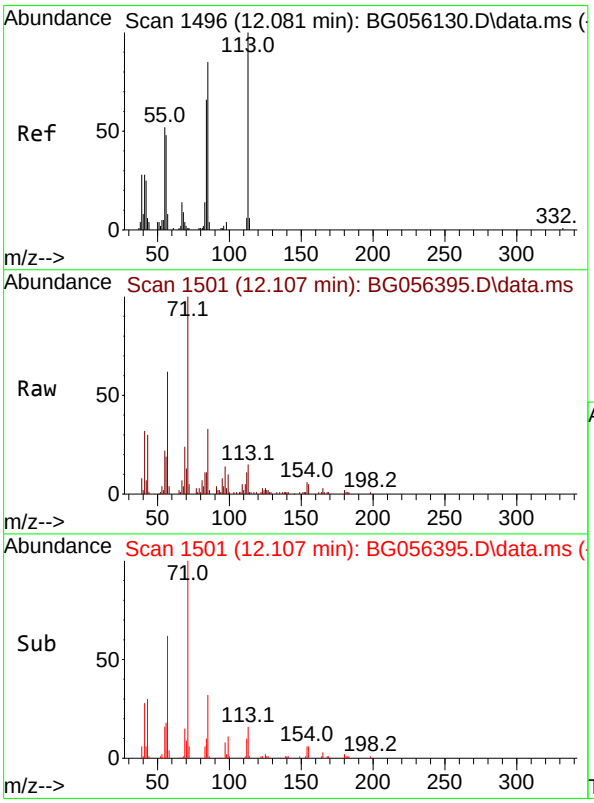
#33
4-Chloroaniline
Concen: 11.172 ng
RT: 11.185 min Scan# 1
Delta R.T. -0.106 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:127 Resp: 54833

Ion	Ratio	Lower	Upper
127	100		
129	86.9	26.1	39.1#
65	4.5	20.9	31.3#
92	0.8	16.7	25.1#

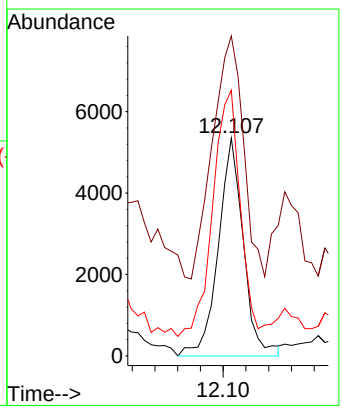


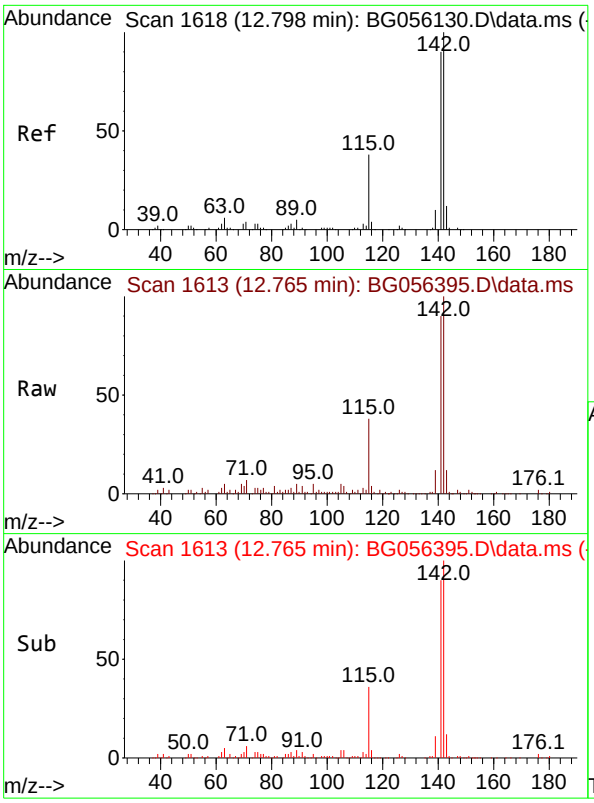


#35
Caprolactam
Concen: 6.195 ng
RT: 12.107 min Scan# 1501
Delta R.T. 0.041 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:113 Resp: 8189

Ion	Ratio	Lower	Upper
113	100		
55	146.9	31.9	71.9#
56	122.0	27.6	67.6#



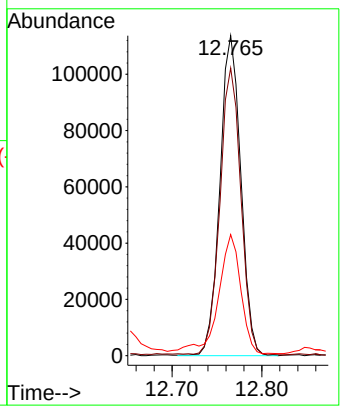


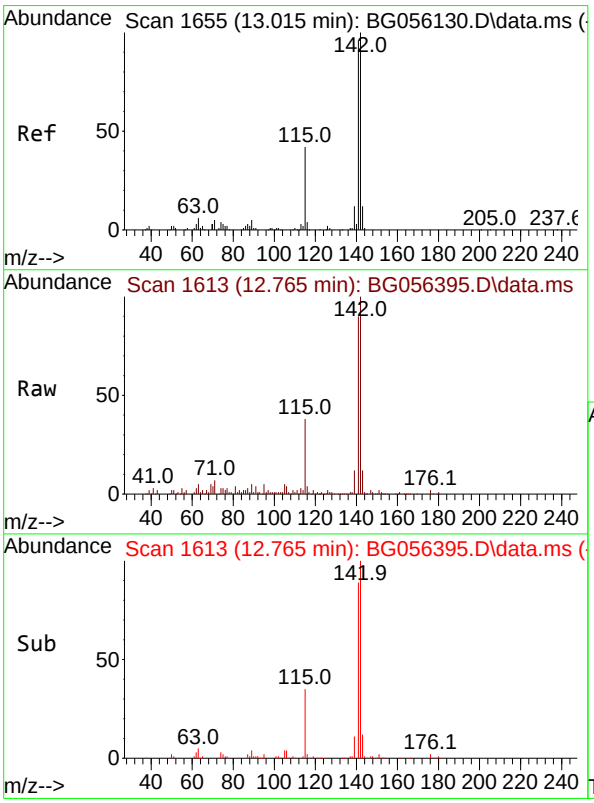
#37
2-Methylnaphthalene
Concen: 21.174 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:142 Resp: 183784

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	37.9	30.7	46.1

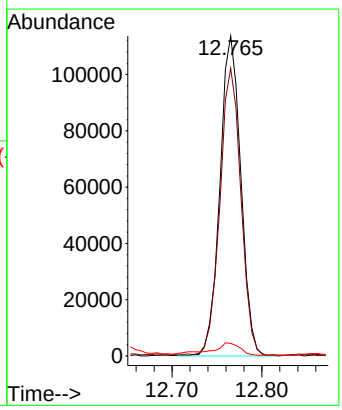


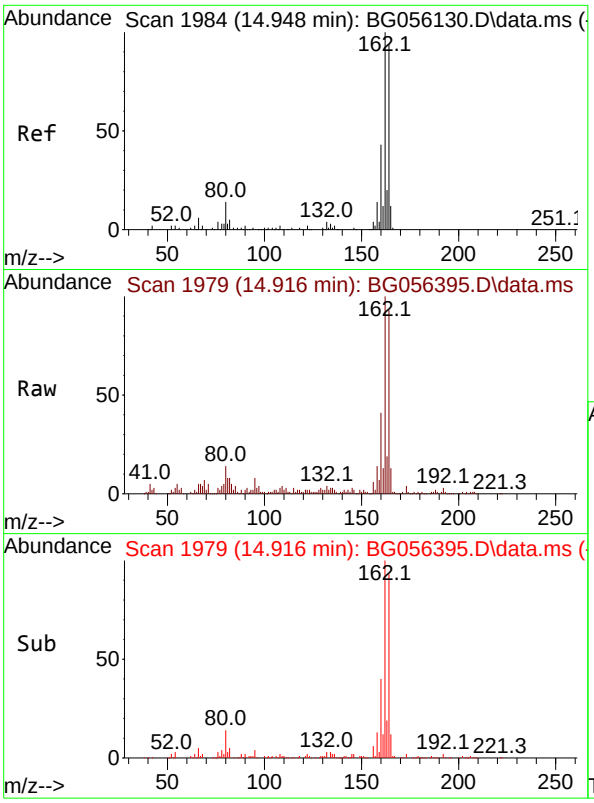


#38
1-Methylnaphthalene
Concen: 22.801 ng
RT: 12.765 min Scan# 1613
Delta R.T. -0.223 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:142 Resp: 183784

Ion	Ratio	Lower	Upper
142	100		
141	89.9	77.0	115.6
116	4.0	3.6	5.4



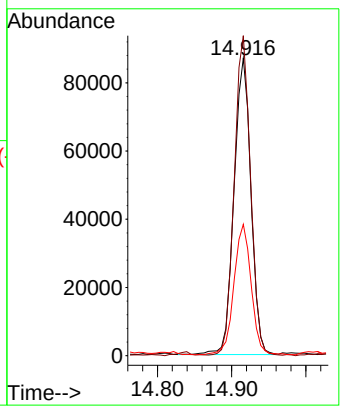


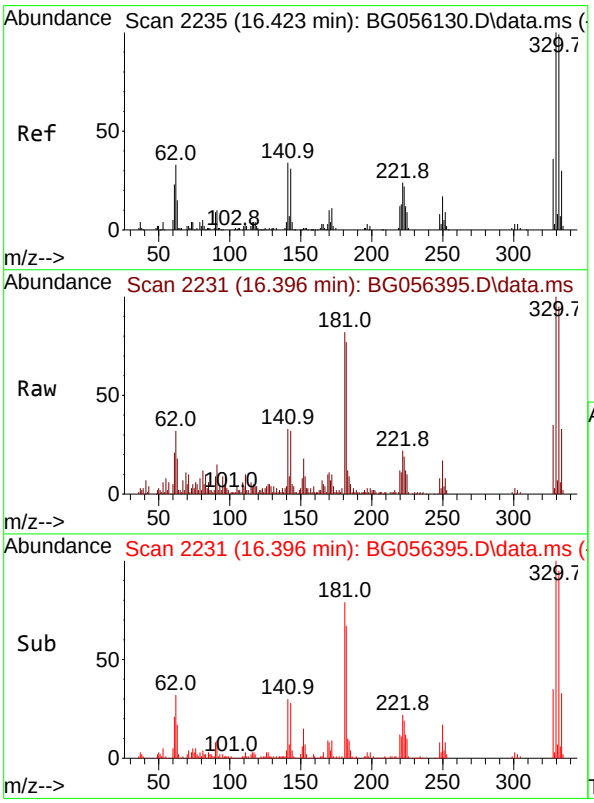
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:164 Resp: 137717

Ion	Ratio	Lower	Upper
164	100		
162	107.5	84.7	127.1
160	44.1	36.3	54.5

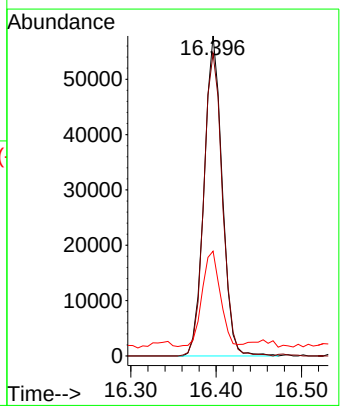


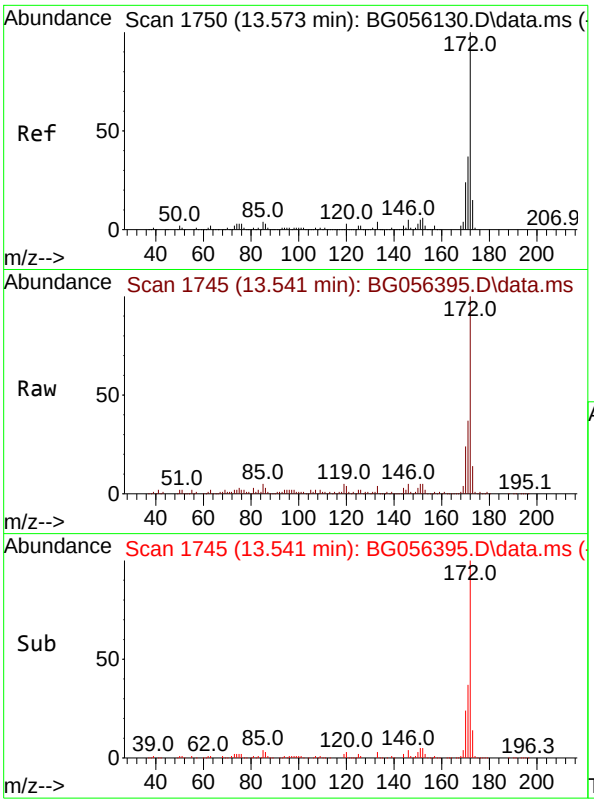


#42
2,4,6-Tribromophenol
Concen: 48.739 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:330 Resp: 85008

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	30.0	27.9	41.9



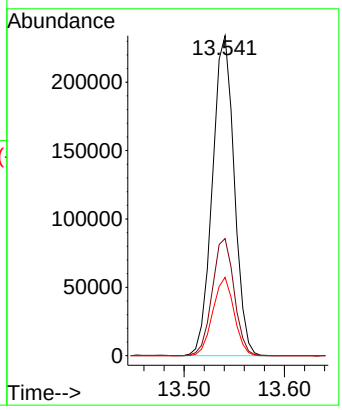


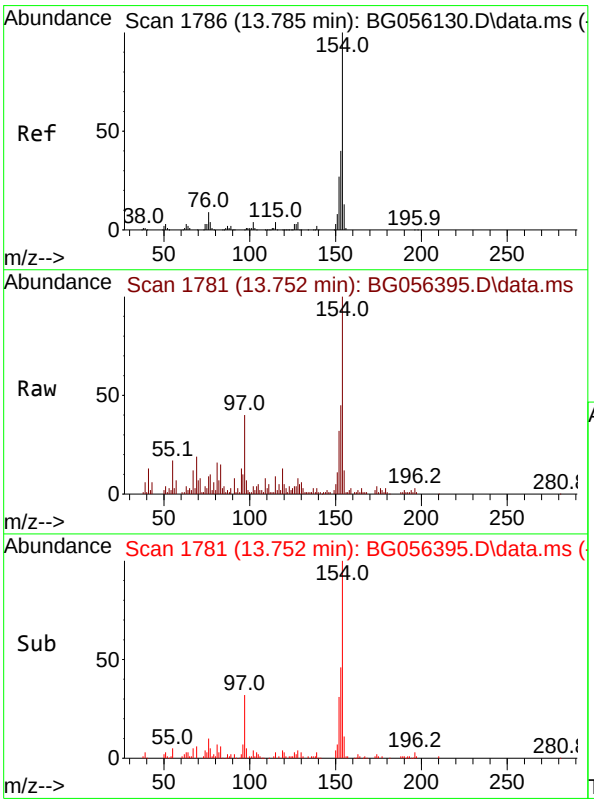
#45
2-Fluorobiphenyl
Concen: 35.293 ng
RT: 13.541 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:172 Resp: 351975

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.4	29.2

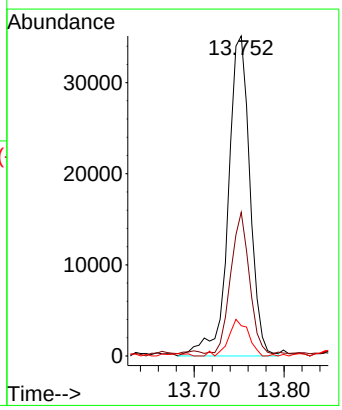


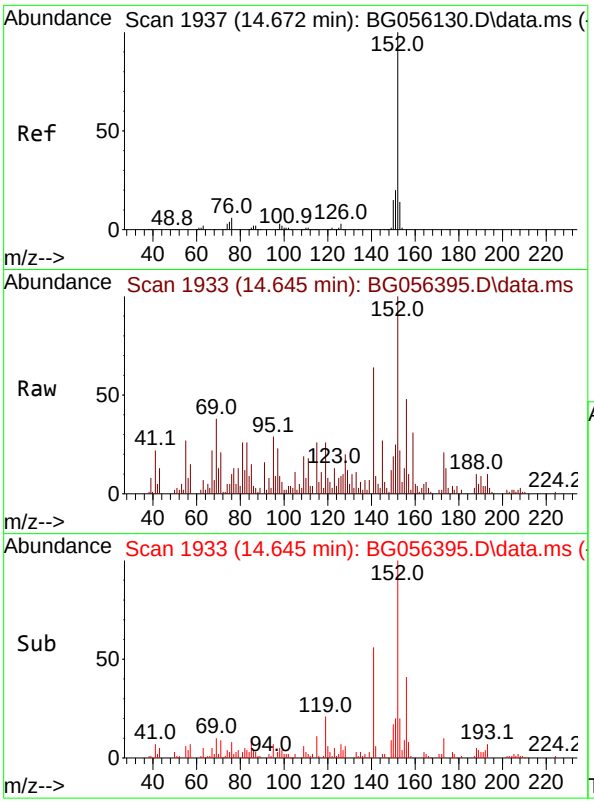


#46
1,1'-Biphenyl
Concen: 5.967 ng
RT: 13.752 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:154 Resp: 58849

Ion	Ratio	Lower	Upper
154	100		
153	44.9	20.0	60.0
76	9.4	0.0	29.3



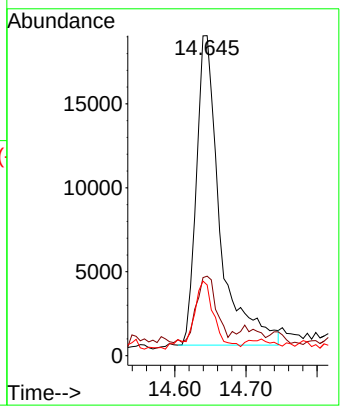


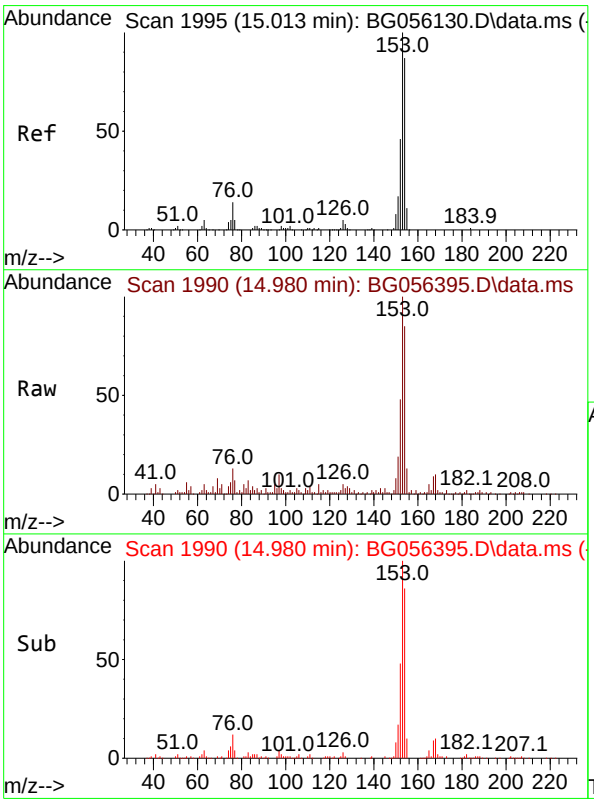
#49
Acenaphthylene
Concen: 3.372 ng
RT: 14.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:152 Resp: 42716

Ion	Ratio	Lower	Upper
152	100		
151	24.8	16.0	24.0#
153	22.1	11.0	16.6#

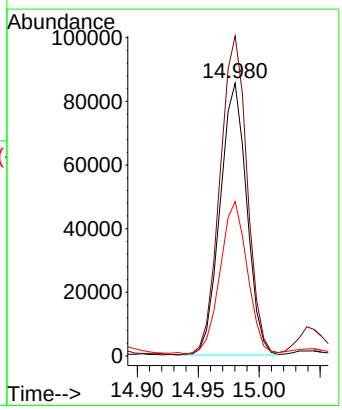


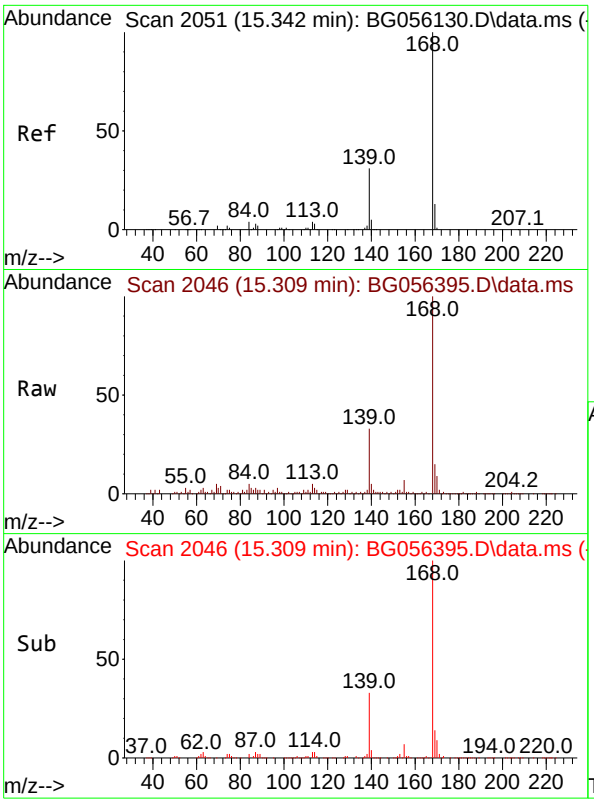


#52
Acenaphthene
Concen: 15.788 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:154 Resp: 130082

Ion	Ratio	Lower	Upper
154	100		
153	117.3	92.0	138.0
152	56.6	42.5	63.7



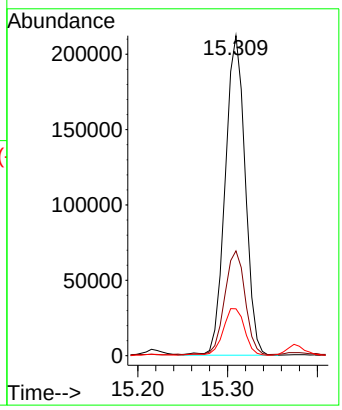


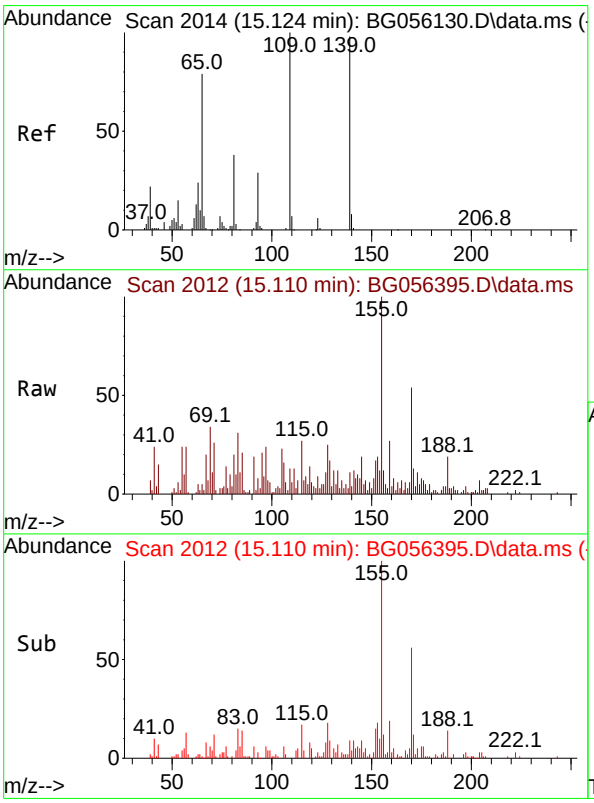
#55
Dibenzofuran
Concen: 23.944 ng
RT: 15.309 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:168 Resp: 326469

Ion	Ratio	Lower	Upper
168	100		
139	32.8	24.7	37.1
169	14.7	10.3	15.5

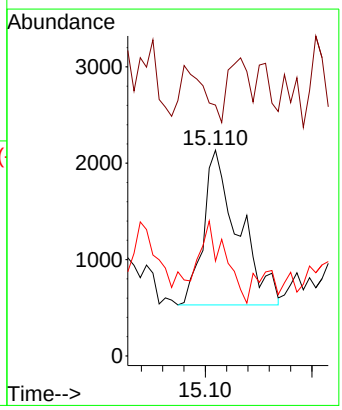


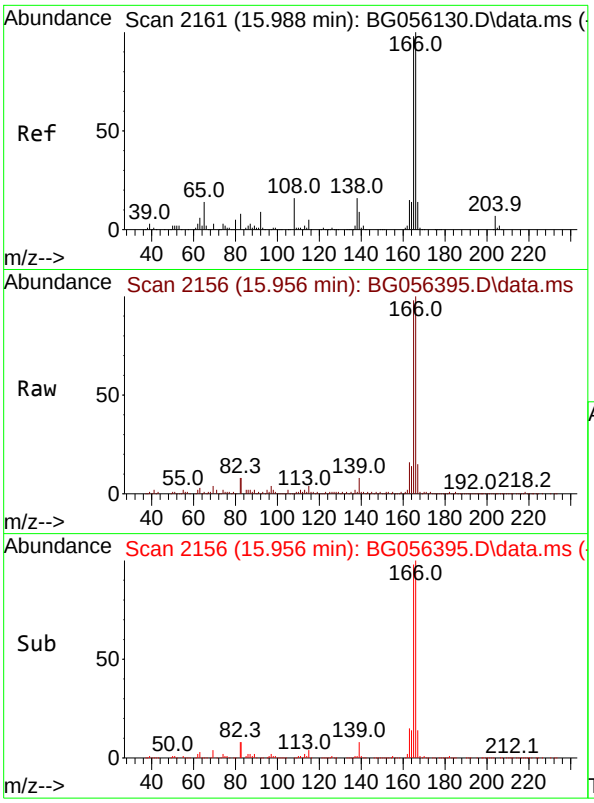


#56
4-Nitrophenol
Concen: 2.103 ng
RT: 15.110 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:139 Resp: 3646

Ion	Ratio	Lower	Upper
139	100		
109	122.0	82.2	122.2
65	46.1	60.6	100.6#



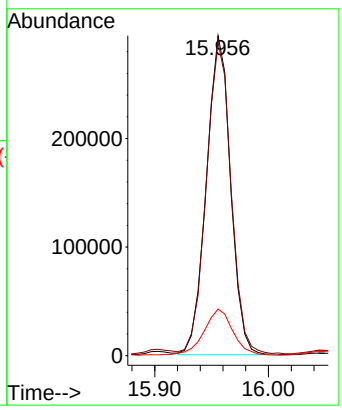


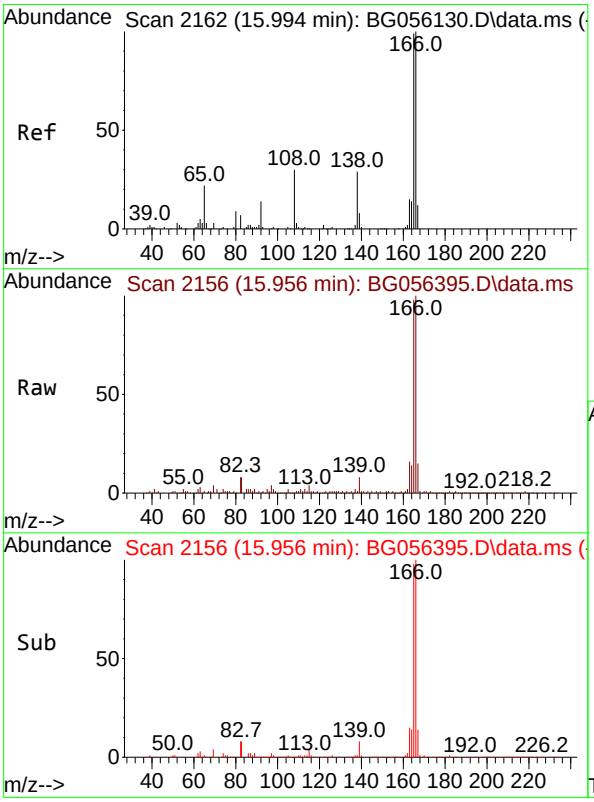
#58
Fluorene
Concen: 39.653 ng
RT: 15.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:166 Resp: 434867

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	118.0
167	14.6	11.1	16.7

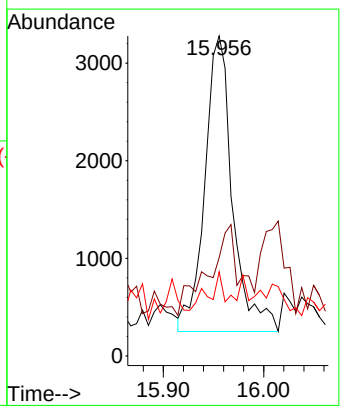


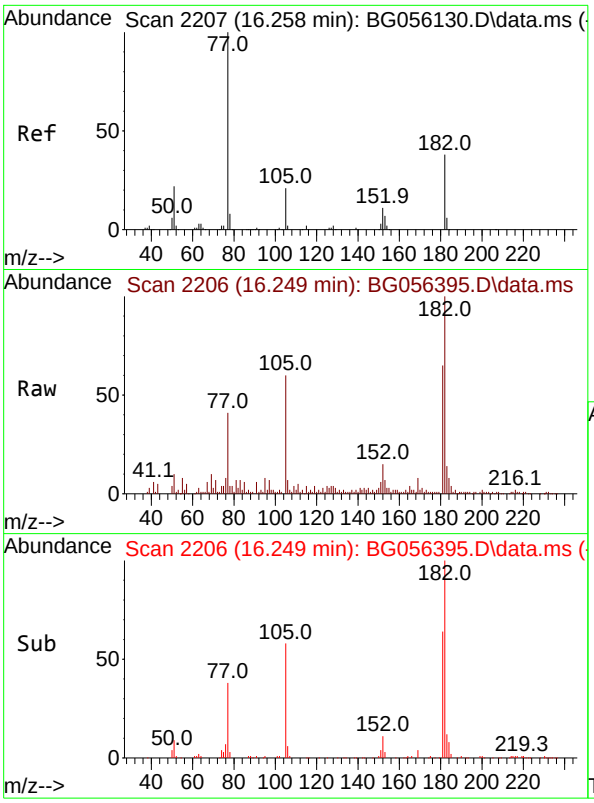


#62
4-Nitroaniline
Concen: 2.507 ng
RT: 15.956 min Scan# 2156
Delta R.T. -0.024 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:138 Resp: 5789

Ion	Ratio	Lower	Upper
138	100		
92	30.8	28.6	68.6
108	26.3	83.4	123.4#



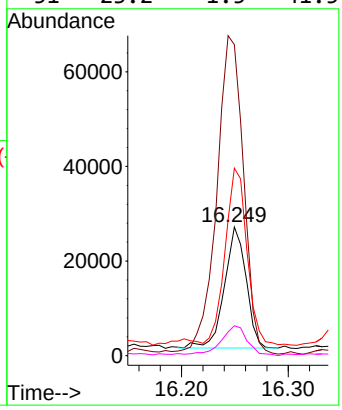


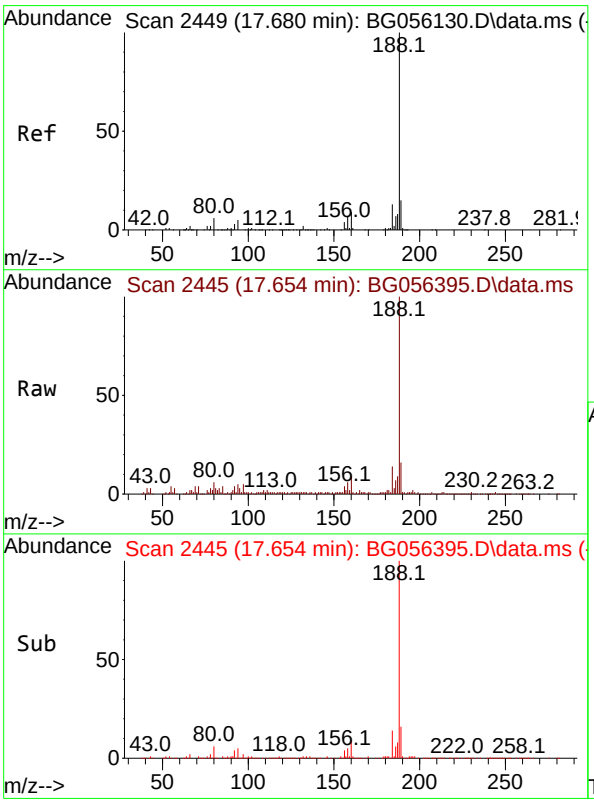
#63
Azobenzene
Concen: 4.505 ng
RT: 16.249 min Scan# 2
Delta R.T. 0.012 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion: 77 Resp: 36246

Ion	Ratio	Lower	Upper
77	100		
182	241.8	18.5	58.5#
105	145.7	1.4	41.4#
51	23.2	1.5	41.5

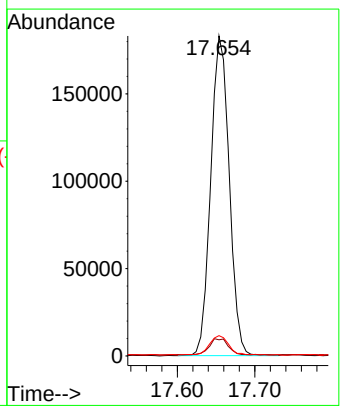


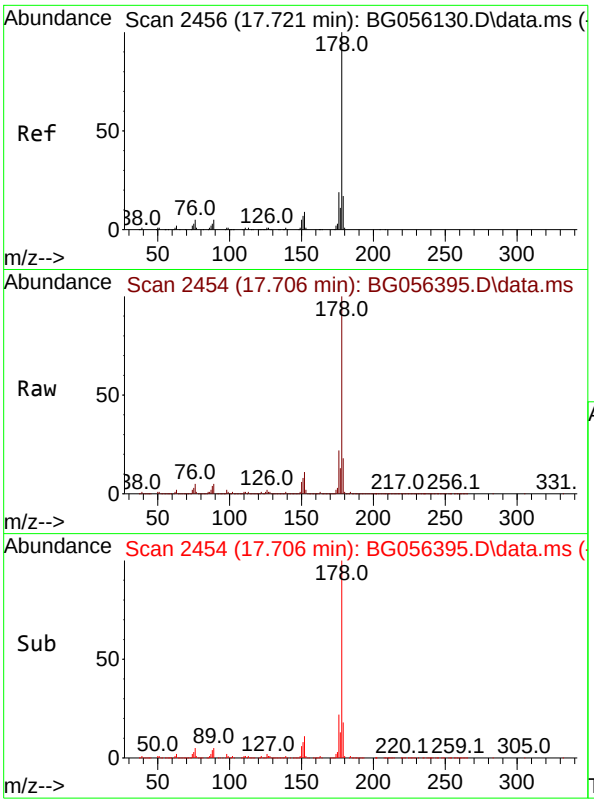


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.654 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:188 Resp: 303420

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.2	6.2
80	6.4	5.0	7.4



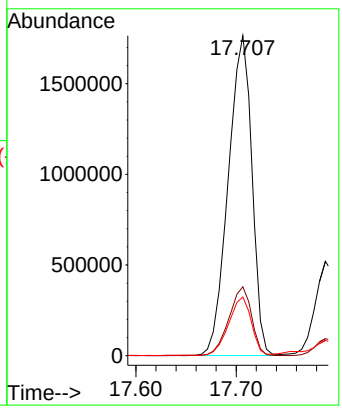


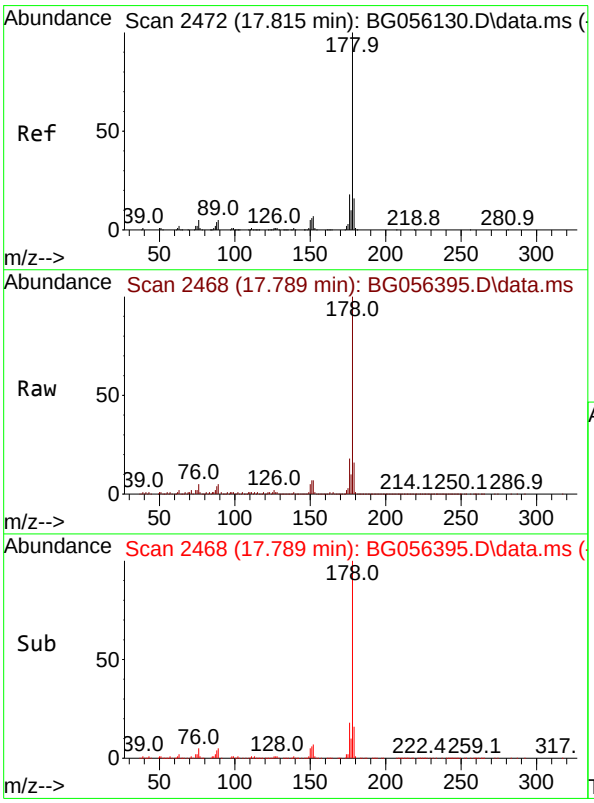
#71
Phenanthrene
Concen: 183.695 ng
RT: 17.706 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:178 Resp: 2888460

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.4	23.0
179	18.4	13.6	20.4

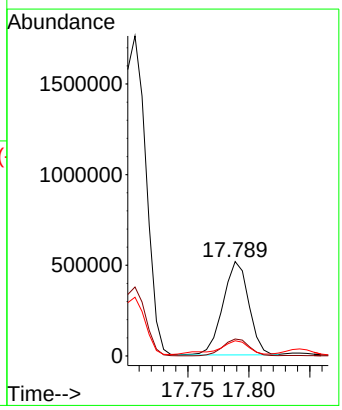


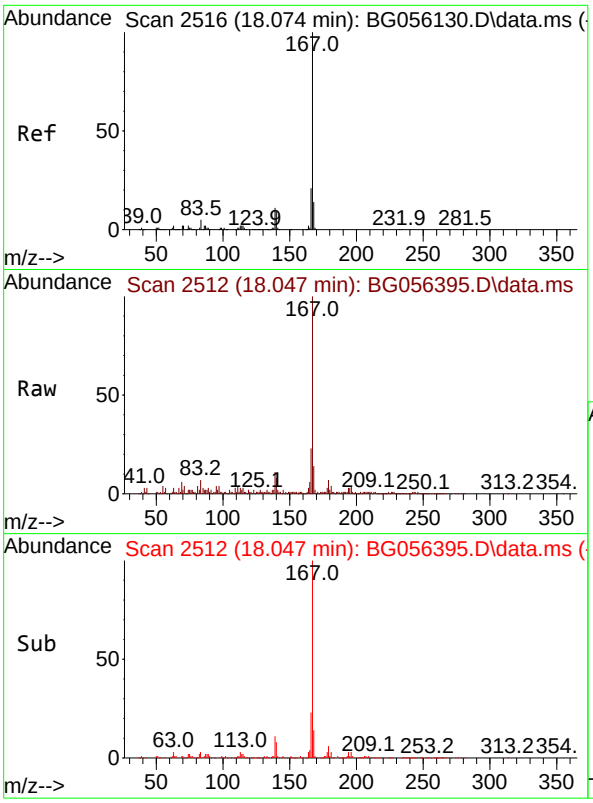


#72
Anthracene
Concen: 46.760 ng
RT: 17.789 min Scan# 2468
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:178 Resp: 758466

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	16.1	12.7	19.1



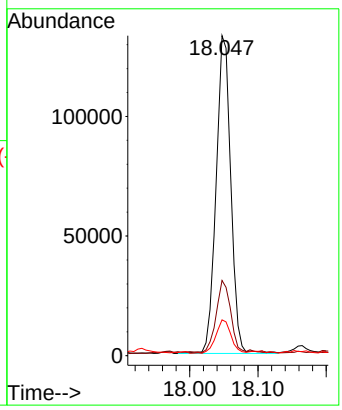


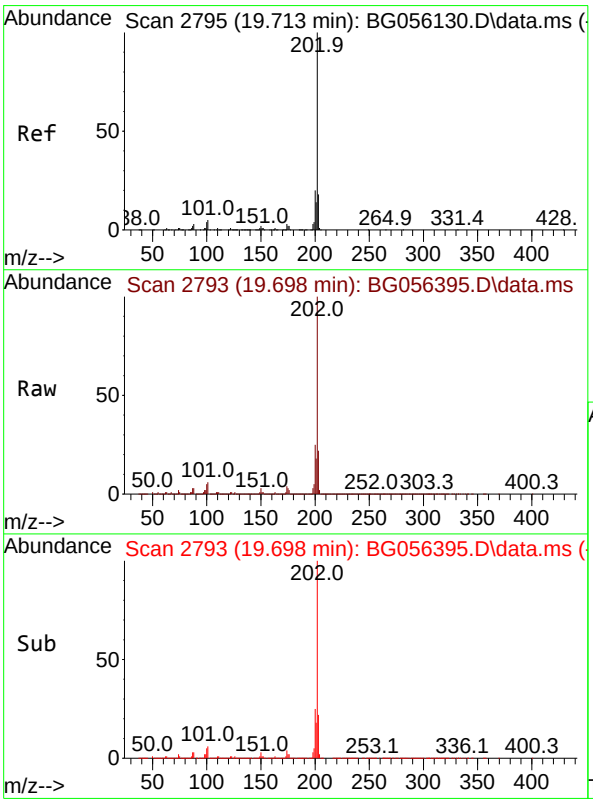
#73
Carbazole
Concen: 14.619 ng
RT: 18.047 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:167 Resp: 199325

Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.8	25.2
139	11.2	8.9	13.3

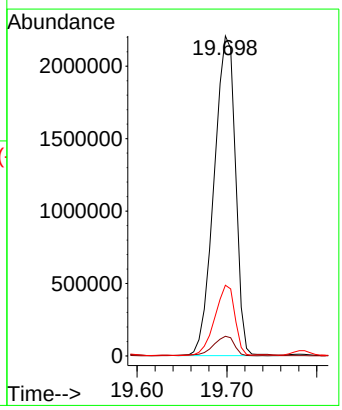


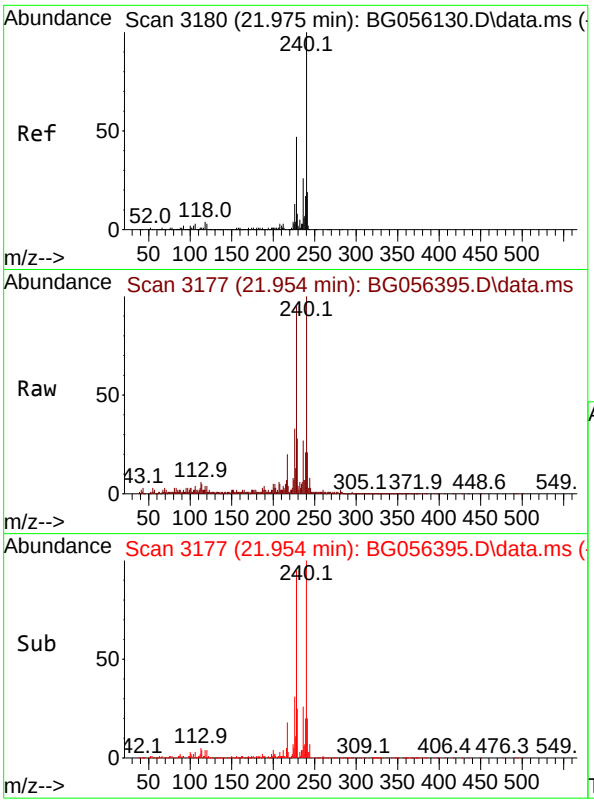


#75
Fluoranthene
Concen: 178.088 ng
RT: 19.698 min Scan# 2793
Delta R.T. 0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:202 Resp: 3652732

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	25.0
203	22.1	0.0	38.0



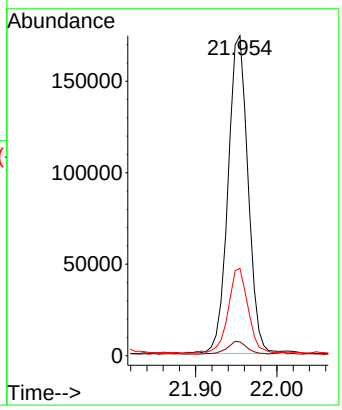


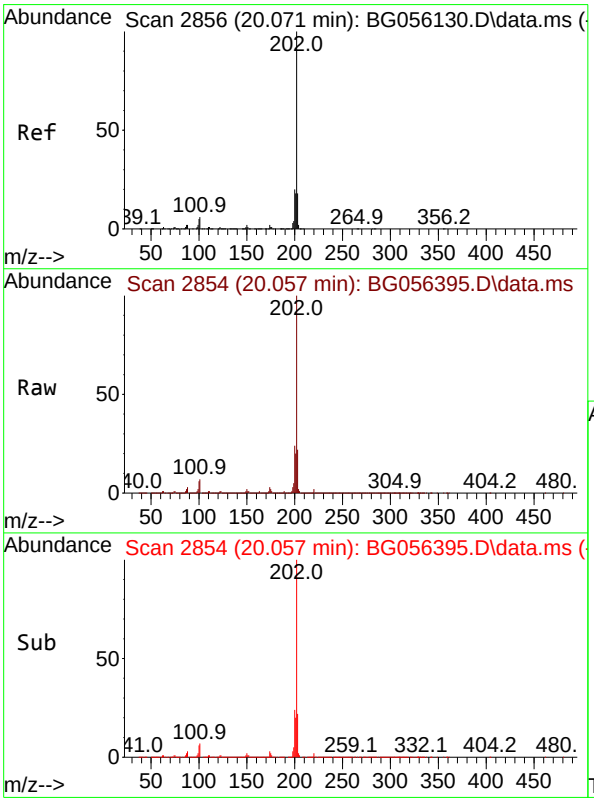
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:240 Resp: 296461

Ion	Ratio	Lower	Upper
240	100		
120	4.3	2.6	4.0#
236	27.3	20.8	31.2

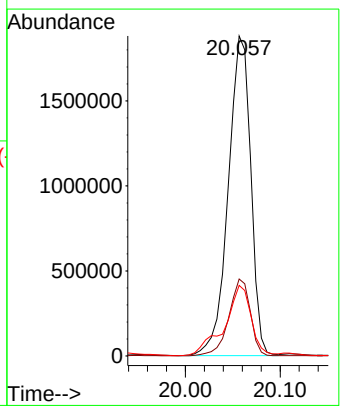


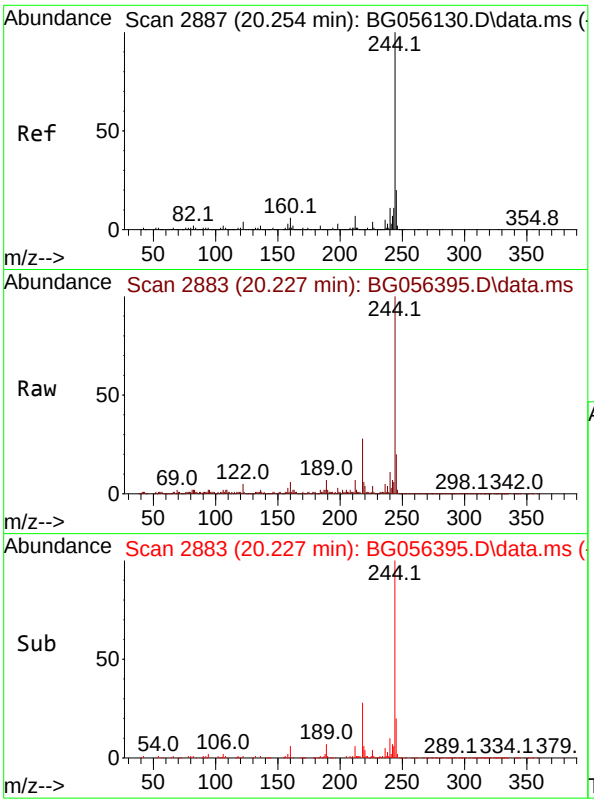


#78
Pyrene
Concen: 148.637 ng
RT: 20.057 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:202 Resp: 3105895

Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.4	24.6
203	22.1	14.3	21.5#



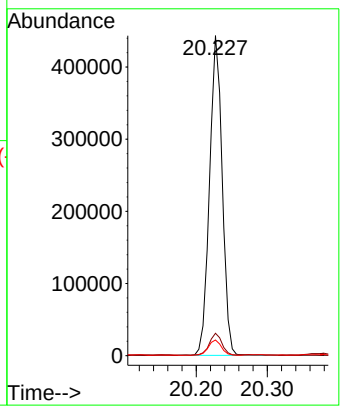


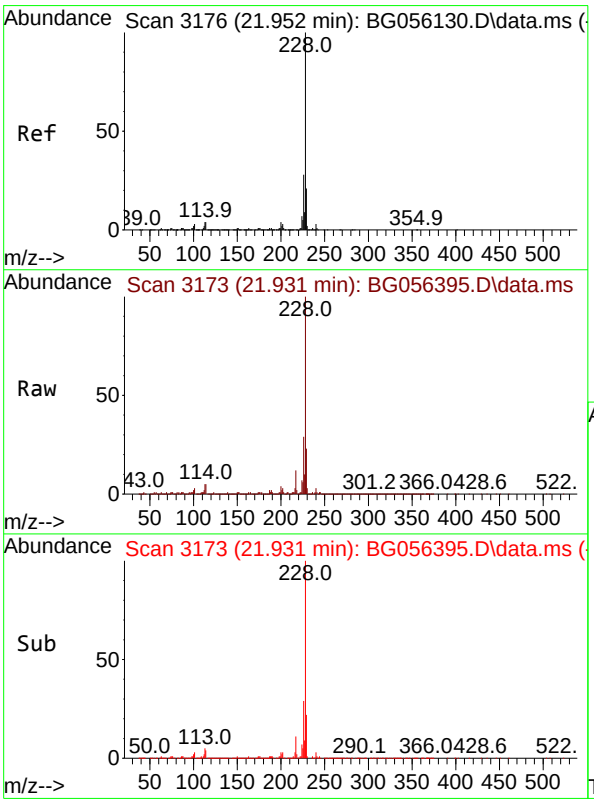
#79
Terphenyl-d14
Concen: 33.236 ng
RT: 20.227 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:244 Resp: 550126

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	4.9	3.5	5.3

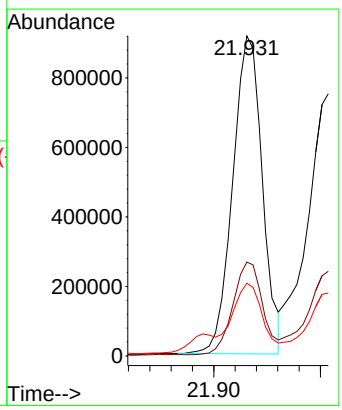


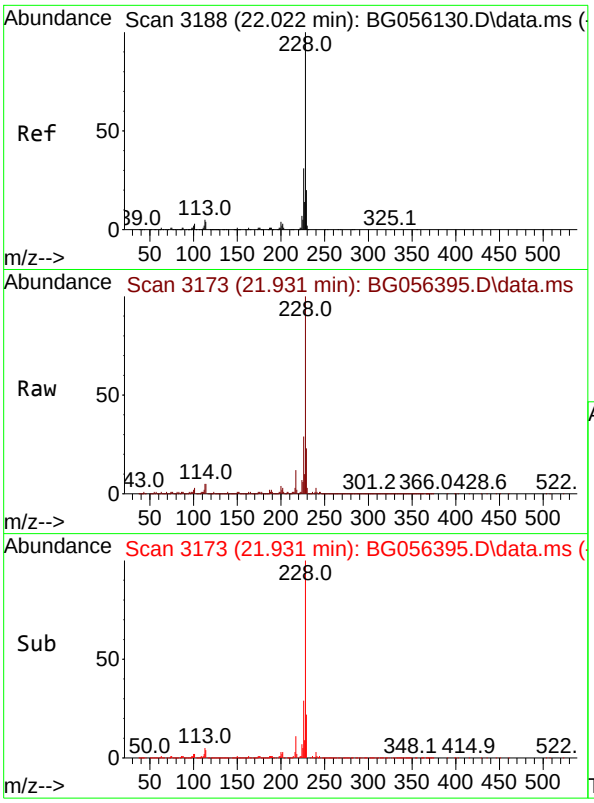


#81
Benzo(a)anthracene
Concen: 84.864 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:228 Resp: 1767094

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	22.7	16.9	25.3



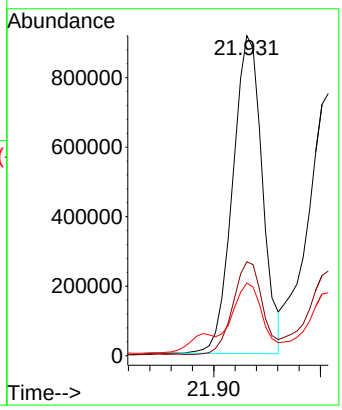


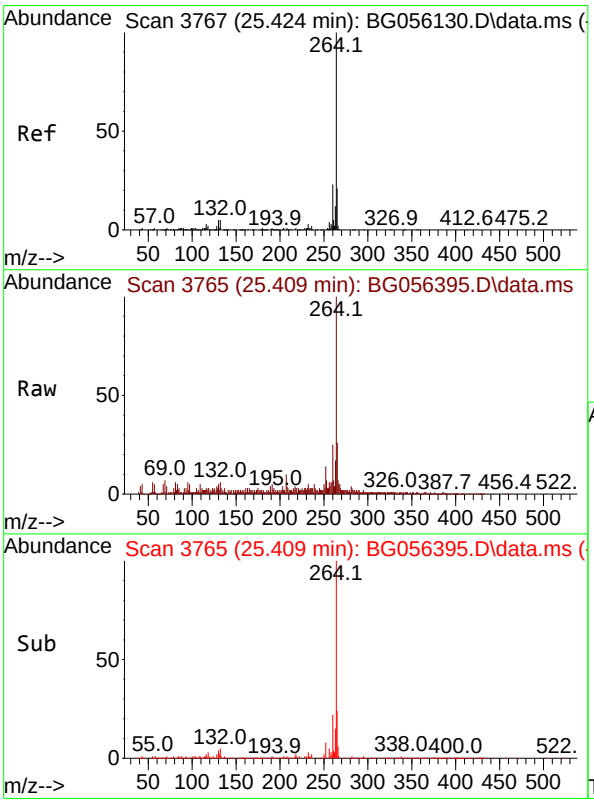
#83
Chrysene
Concen: 90.599 ng
RT: 21.931 min Scan# 3
Delta R.T. -0.071 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:228 Resp: 1767094

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	36.8
229	22.7	15.8	23.6

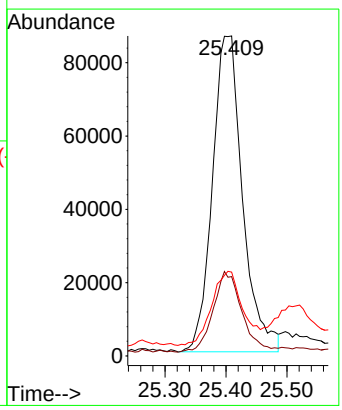


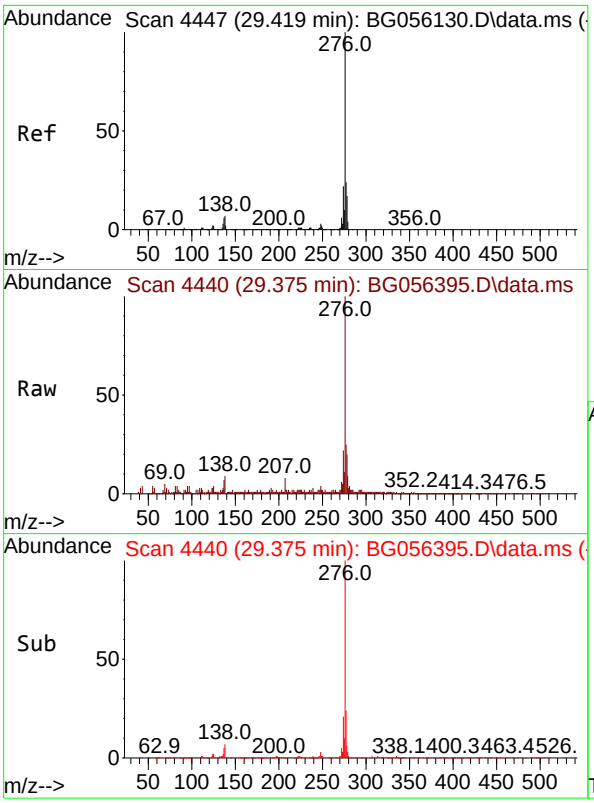


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. 0.017 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:264 Resp: 296454

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	26.2	16.7	25.1#



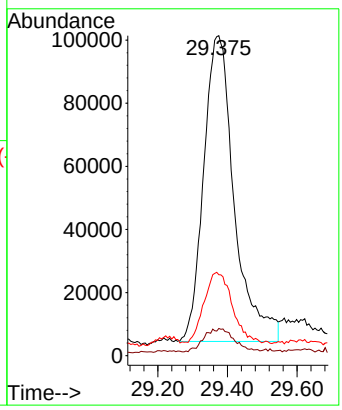


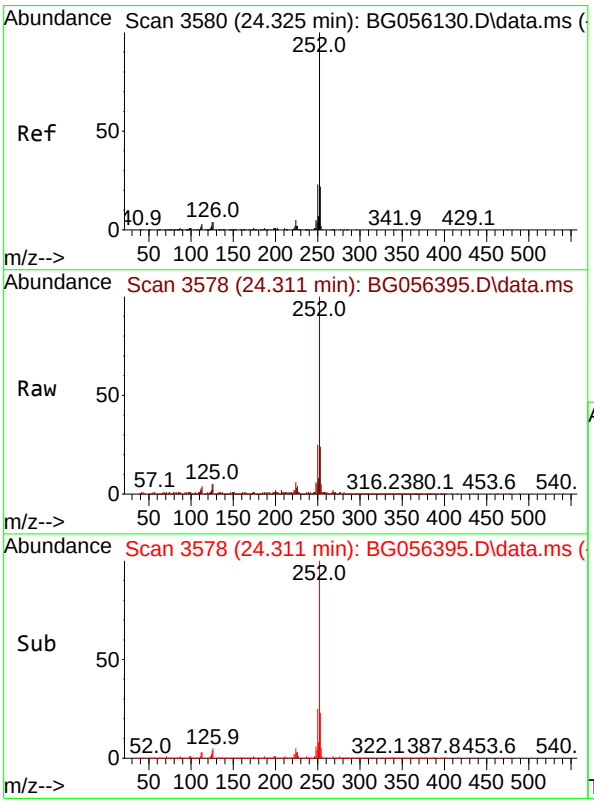
#87
Indeno(1,2,3-cd)pyrene
Concen: 27.450 ng
RT: 29.375 min Scan# 4
Delta R.T. 0.017 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:276 Resp: 591833

Ion	Ratio	Lower	Upper
276	100		
138	7.5	5.0	7.4#
277	21.6	20.5	30.7

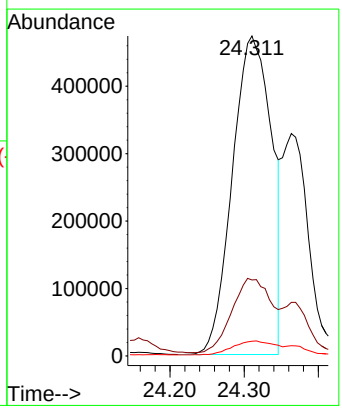


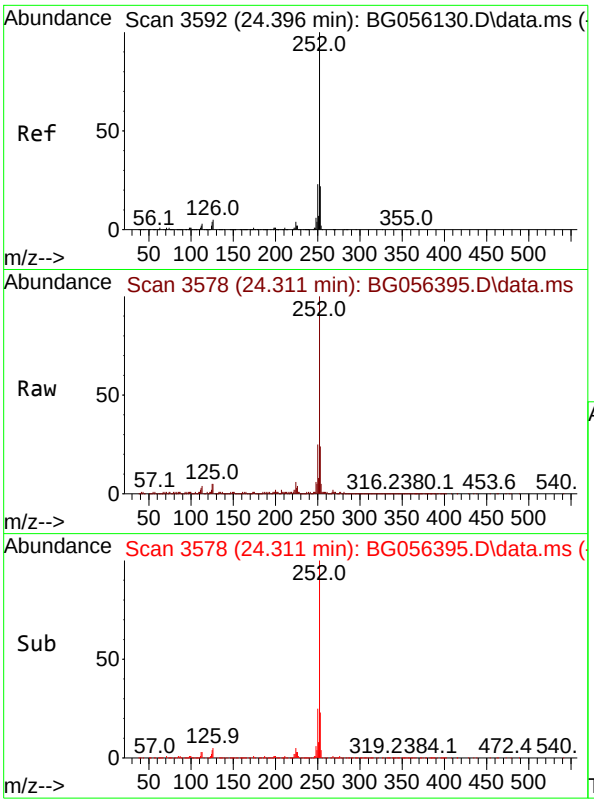


#88
Benzo(b)fluoranthene
Concen: 92.035 ng
RT: 24.311 min Scan# 3578
Delta R.T. 0.017 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:252 Resp: 1733534

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	4.6	3.0	4.4#



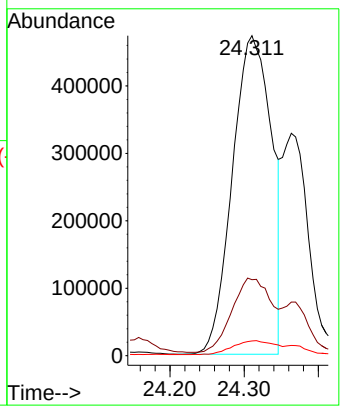


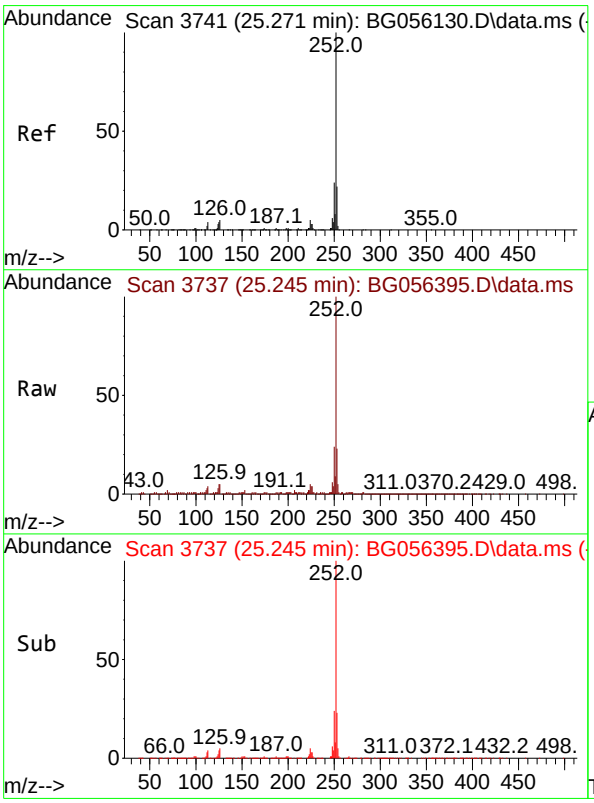
#89
Benzo(k)fluoranthene
Concen: 92.423 ng
RT: 24.311 min Scan# 3
Delta R.T. -0.059 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:252 Resp: 1733534

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	4.6	3.4	5.0

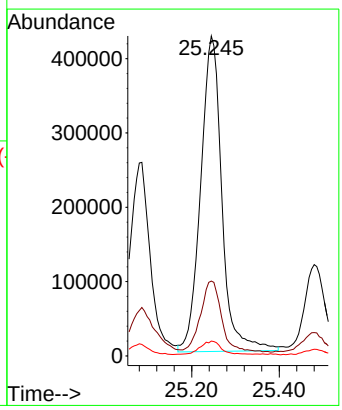


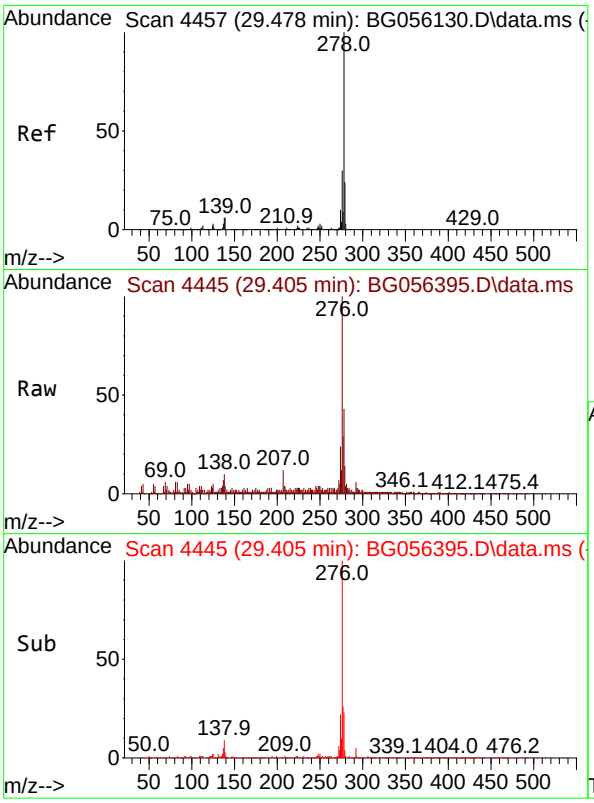


#90
Benzo(a)pyrene
Concen: 78.115 ng
RT: 25.245 min Scan# 3737
Delta R.T. 0.017 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:252 Resp: 1435081

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	4.6	3.2	4.8



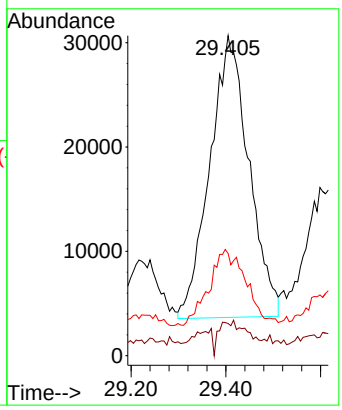


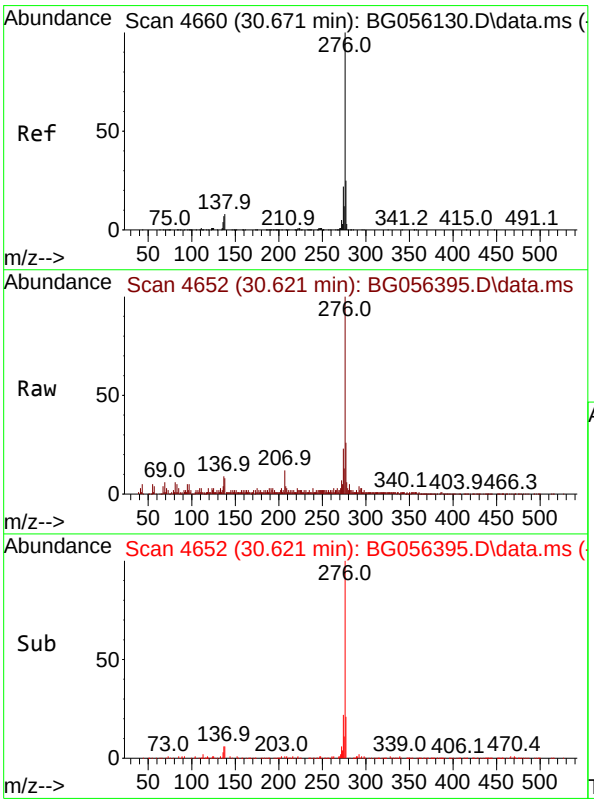
#91
Dibenzo(a,h)anthracene
Concen: 8.544 ng
RT: 29.405 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Instrument :
BNA_G
ClientSampleId :
OR-02-012023

Tgt Ion:278 Resp: 154441

Ion	Ratio	Lower	Upper
278	100		
139	10.1	4.8	7.2#
279	32.0	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 25.886 ng
RT: 30.621 min Scan# 4652
Delta R.T. 0.023 min
Lab File: BG056395.D
Acq: 23 Jan 2023 22:33

Tgt Ion:276 Resp: 453761

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.7	29.5
138	8.1	6.7	10.1