Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100522\
Data File : BG055078.D
Acq On : 5 Oct 2022 16:26
Operator : CG/JU
Sample : N4907-03DL2 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Quant Time: Oct 06 03:37:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	29766	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	125192	20.000	ng		0.00
39) Acenaphthene-d10	14.942	164	87116	20.000	ng		0.00
64) Phenanthrene-d10	17.680	188	205517	20.000	ng		0.00
76) Chrysene-d12	21.975	240	206394	20.000	ng		0.00
86) Perylene-d12	25.435	264	221530	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.858	112	9981	7.448	ng		0.00
7) Phenol-d6	7.462	99	13397	6.672	ng		0.00
23) Nitrobenzene-d5	9.507	82	8369	3.995	ng		0.00
42) 2,4,6-Tribromophenol	16.417	330	6281	12.898	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	21007	3.764	ng		0.00
79) Terphenyl-d14	20.253	244	38212	3.742	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.223	128	95741	14.490	ng		99
33) 4-Chloroaniline	11.223	127	13163	4.818	ng	#	38
37) 2-Methylnaphthalene	12.803	142	27518	5.651	ng		97
38) 1-Methylnaphthalene	13.015	142	18679	3.944	ng		93
48) 2-Nitroaniline	14.266	65	55	4.119	ng	#	7
51) 2,6-Dinitrotoluene	14.942	165	11944	12.645	ng	#	15
52) Acenaphthene	15.006	154	12269	2.479	ng		95
55) Dibenzofuran	15.341	168	51749	6.554	ng		97
56) 4-Nitrophenol	15.335	139	19862	22.106	ng	#	2
57) 2,4-Dinitrotoluene	14.942	165	11944	10.286	ng	#	16
58) Fluorene	15.982	166	38231	6.051	ng		98
71) Phenanthrene	17.721	178	511532	47.384	ng		99
72) Anthracene	17.809	178	82181	7.827	ng		96
73) Carbazole	18.073	167	65735	7.133	ng		98
75) Fluoranthene	19.713	202	478327	35.516	ng		99
78) Pyrene	20.071	202	362191	26.391	ng		99
80) Butylbenzylphthalate	20.941	149	358	4.913	ng	#	88
81) Benzo(a)anthracene	21.951	228	186123	14.196	ng		99
83) Chrysene	22.022	228	143033	11.319	ng		97
84) Bis(2-ethylhexyl)phtha...	21.669	149	90108	16.927	ng	#	54
85) Di-n-octyl phthalate	23.132	149	253	4.362	ng	#	1
87) Indeno(1,2,3-cd)pyrene	29.395	276	91092	5.698	ng	#	95
88) Benzo(b)fluoranthene	24.331	252	199035	15.249	ng		100
89) Benzo(k)fluoranthene	24.331	252	199035	15.136	ng		99
90) Benzo(a)pyrene	25.265	252	132763	11.867	ng		96
92) Benzo(g,h,i)perylene	30.641	276	81447	6.248	ng		97

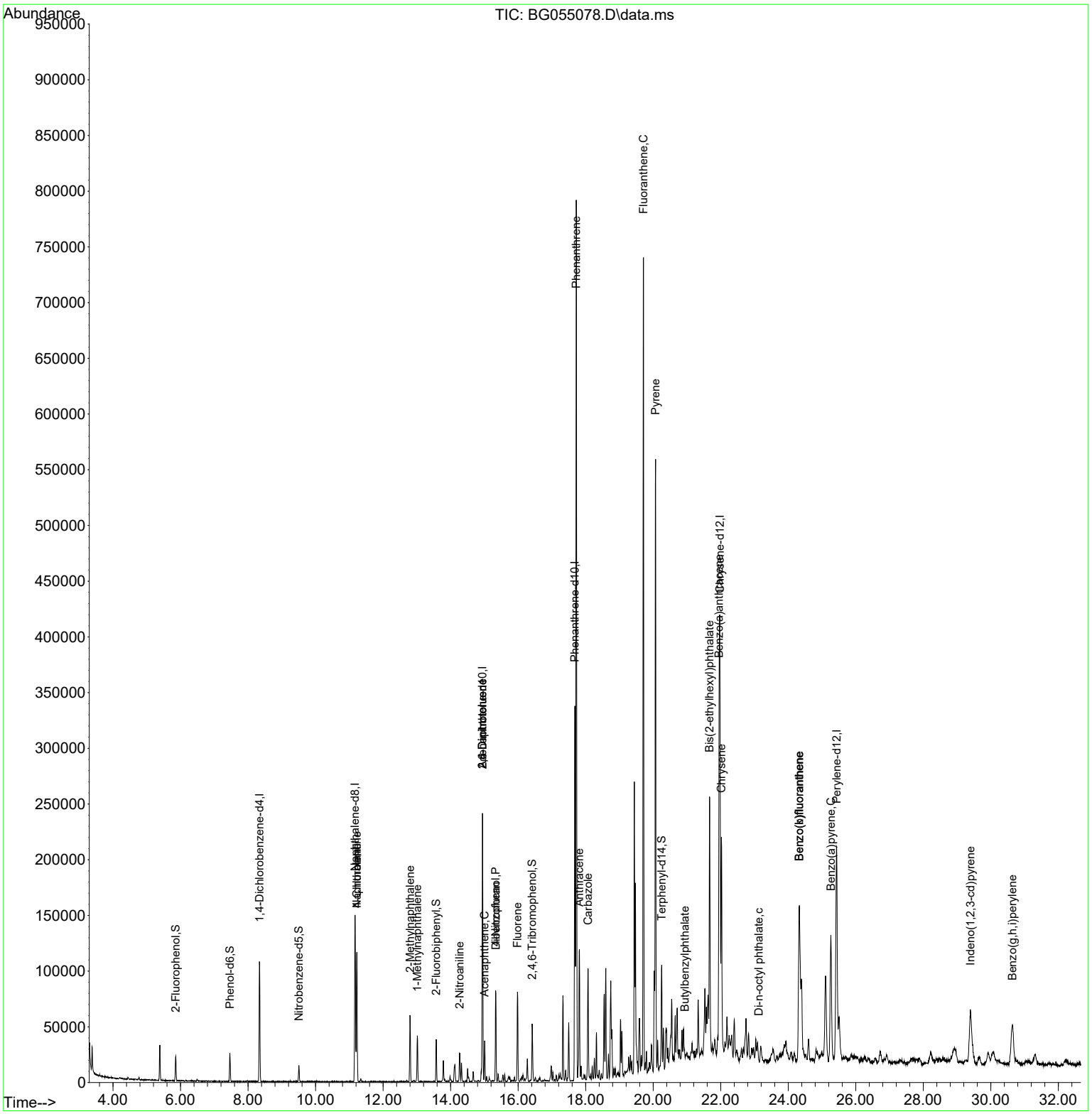
(#) = qualifier out of range (m) = manual integration (+) = signals summed

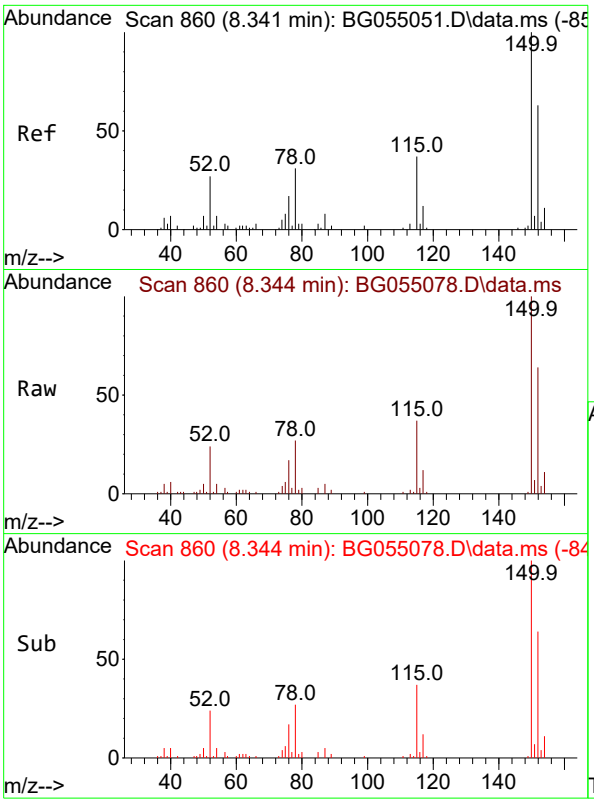
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100522\
Data File : BG055078.D
Acq On : 5 Oct 2022 16:26
Operator : CG/JU
Sample : N4907-03DL2 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Quant Time: Oct 06 03:37:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration



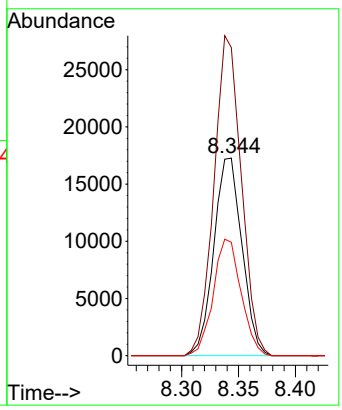


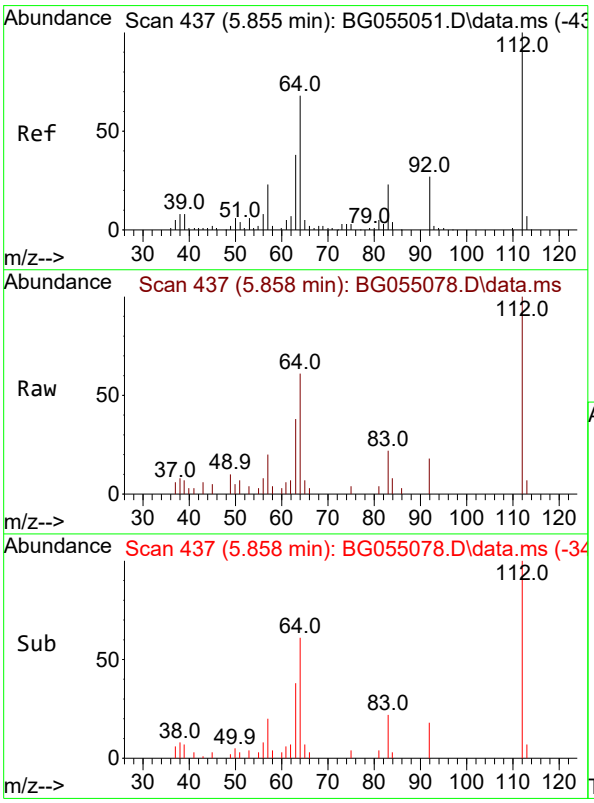
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:152 Resp: 29766

Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.0	192.0
115	57.4	47.7	71.5

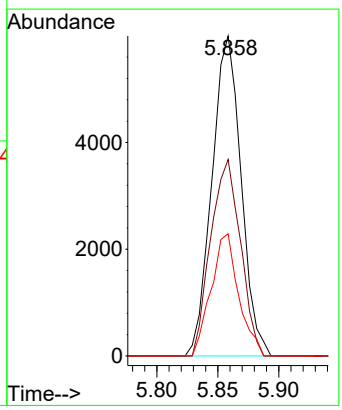


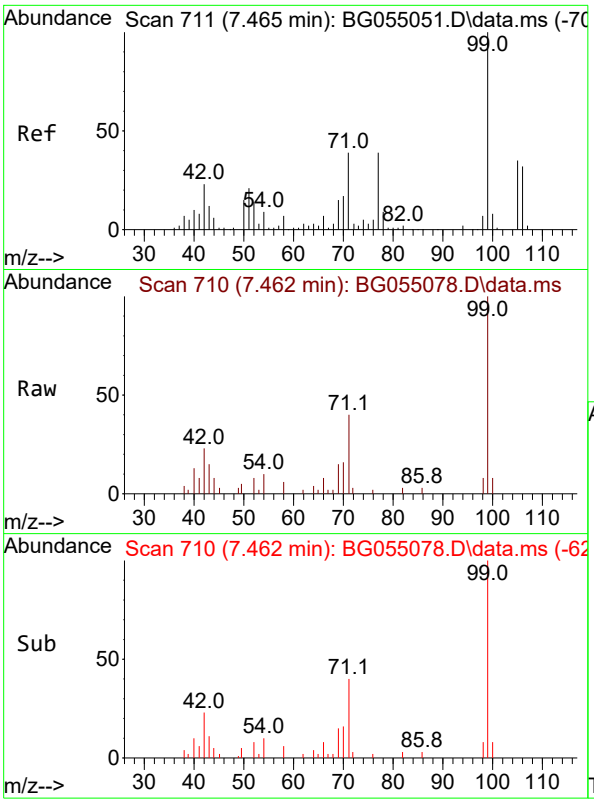


#5
2-Fluorophenol
Concen: 7.448 ng
RT: 5.858 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:112 Resp: 9981

Ion	Ratio	Lower	Upper
112	100		
64	61.4	54.5	81.7
63	38.2	30.5	45.7



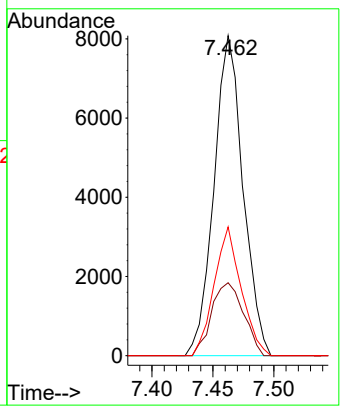


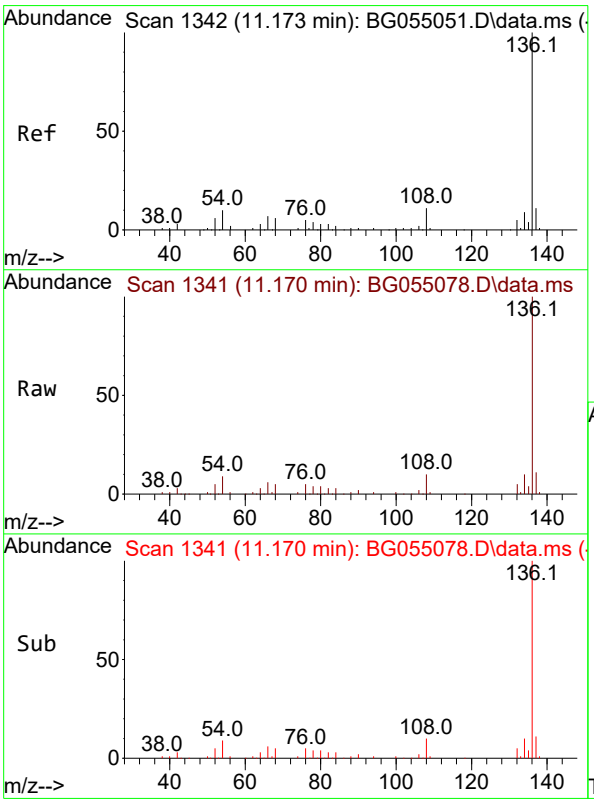
#7
Phenol-d6
Concen: 6.672 ng
RT: 7.462 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion: 99 Resp: 13397

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.6	28.0
71	40.3	31.2	46.8

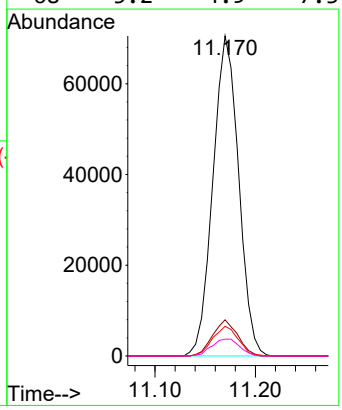


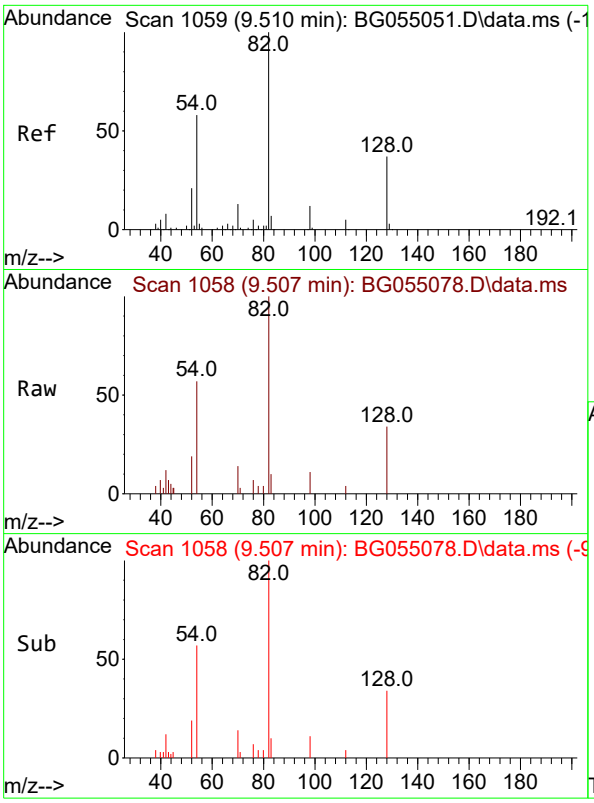


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:136 Resp: 125192

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	8.2	12.4
68	5.2	4.9	7.3



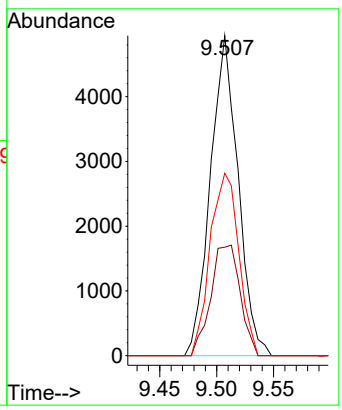


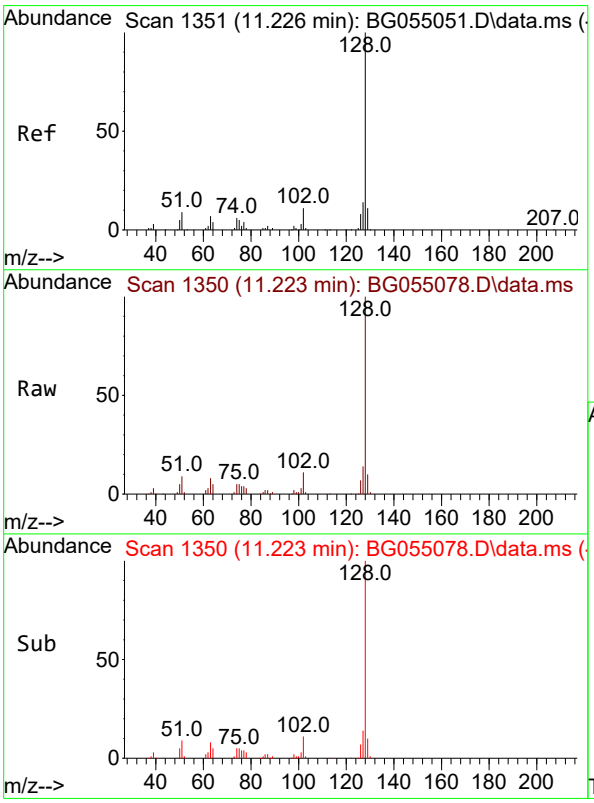
#23
Nitrobenzene-d5
Concen: 3.995 ng
RT: 9.507 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion: 82 Resp: 8369

Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.5	44.3
54	57.0	46.7	70.1

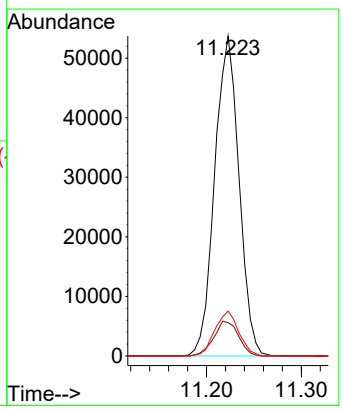


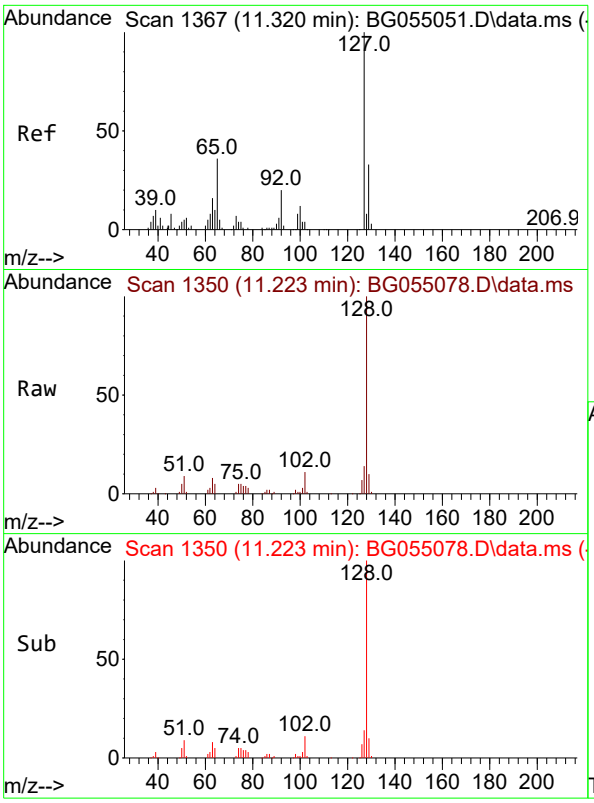


#31
Naphthalene
Concen: 14.490 ng
RT: 11.223 min Scan# 1350
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:128 Resp: 95741

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	14.0	10.9	16.3



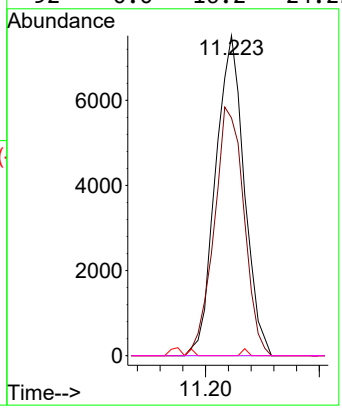


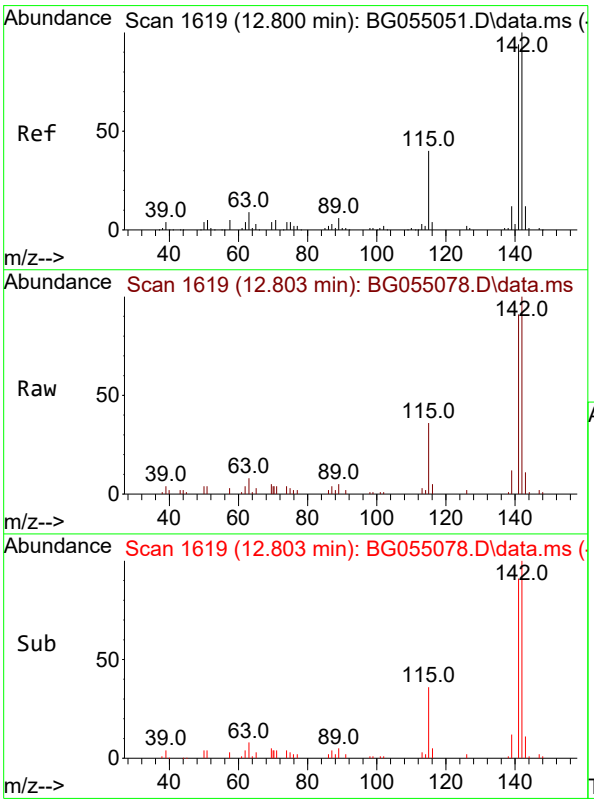
#33
4-Chloroaniline
Concen: 4.818 ng
RT: 11.223 min Scan# 1
Delta R.T. -0.097 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:127 Resp: 13163

Ion	Ratio	Lower	Upper
127	100		
129	74.3	26.4	39.6#
65	0.0	28.6	43.0#
92	0.0	16.2	24.2#

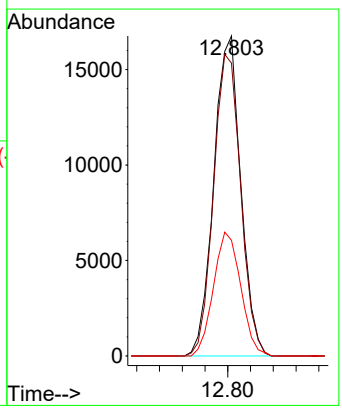


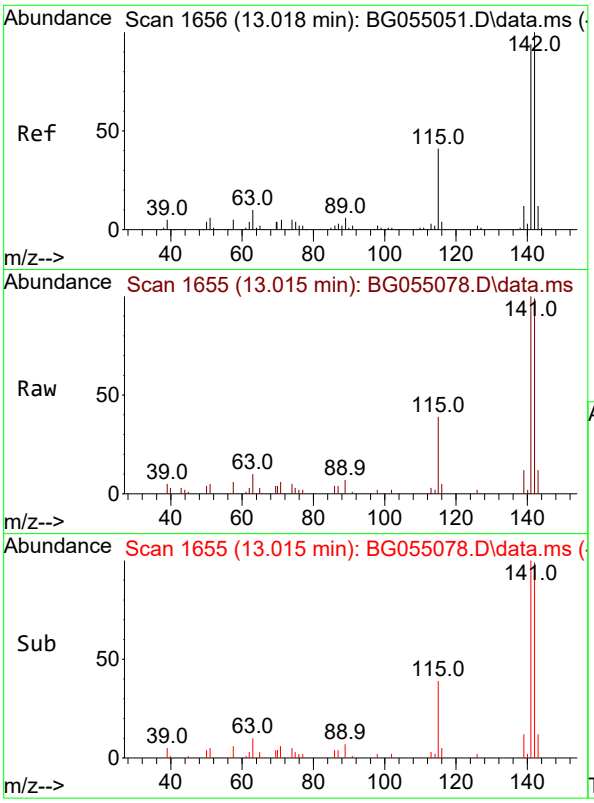


#37
2-Methylnaphthalene
Concen: 5.651 ng
RT: 12.803 min Scan# 1619
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:142 Resp: 27518

Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.0	112.4
115	36.2	31.7	47.5



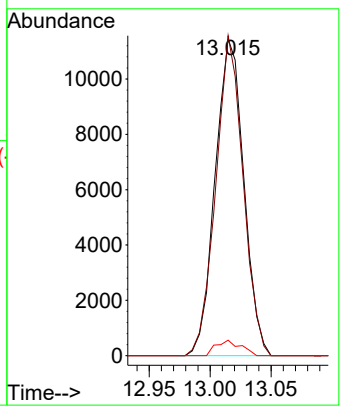


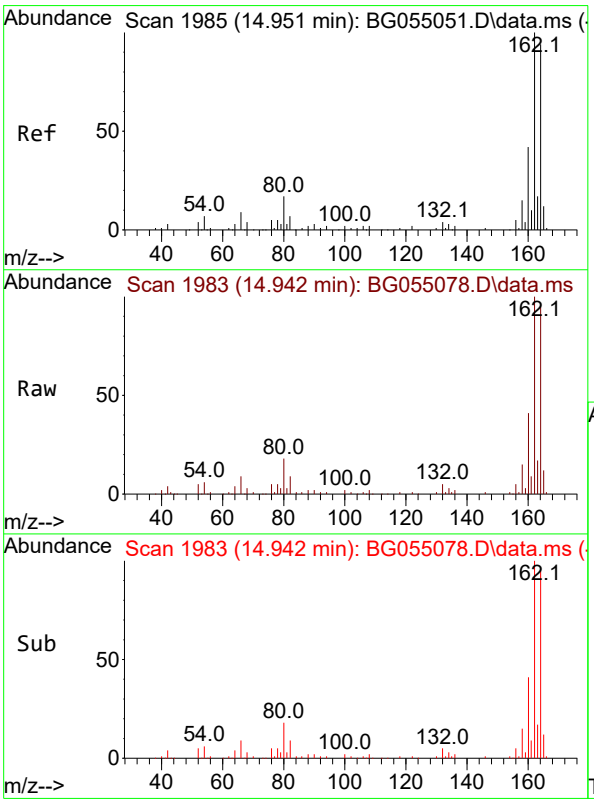
#38
1-Methylnaphthalene
Concen: 3.944 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:142 Resp: 18679

Ion	Ratio	Lower	Upper
142	100		
141	101.0	75.5	113.3
116	4.9	3.4	5.2

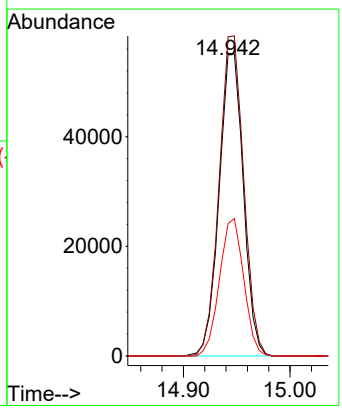


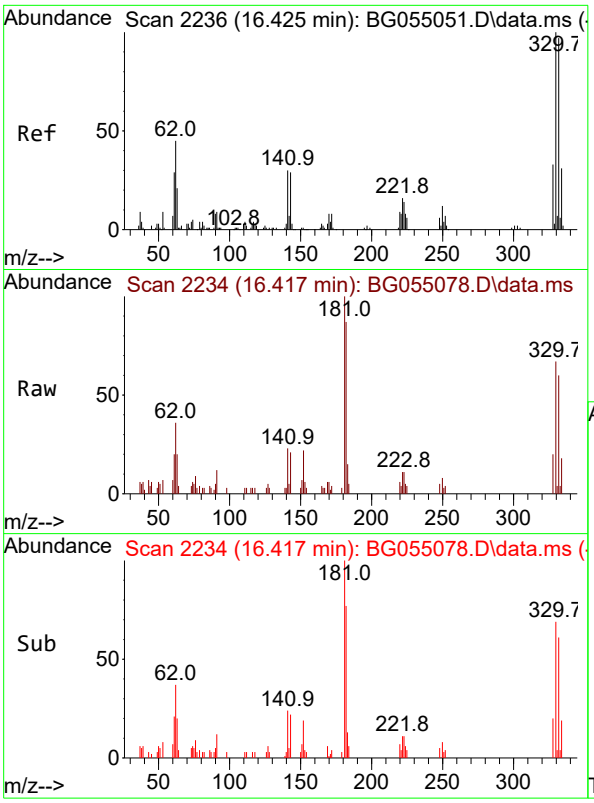


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:164 Resp: 87116

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.5	128.3
160	43.7	35.5	53.3



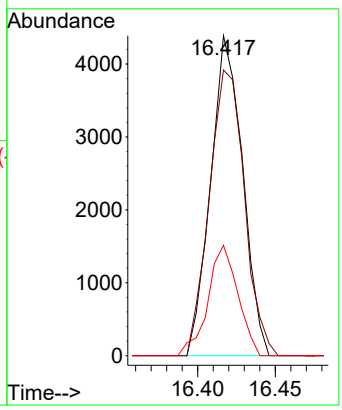


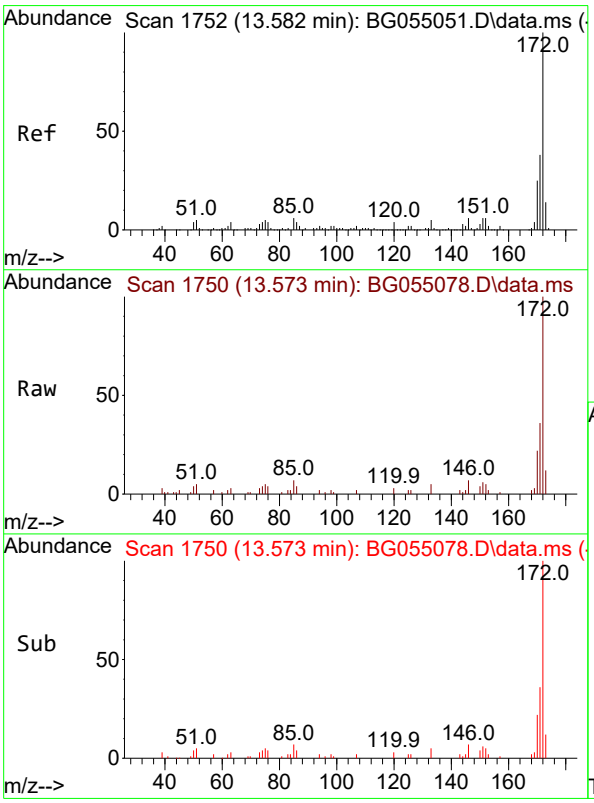
#42
2,4,6-Tribromophenol
Concen: 12.898 ng
RT: 16.417 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:330 Resp: 6281

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	32.3	25.0	37.4

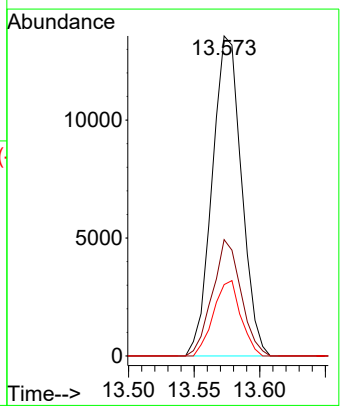


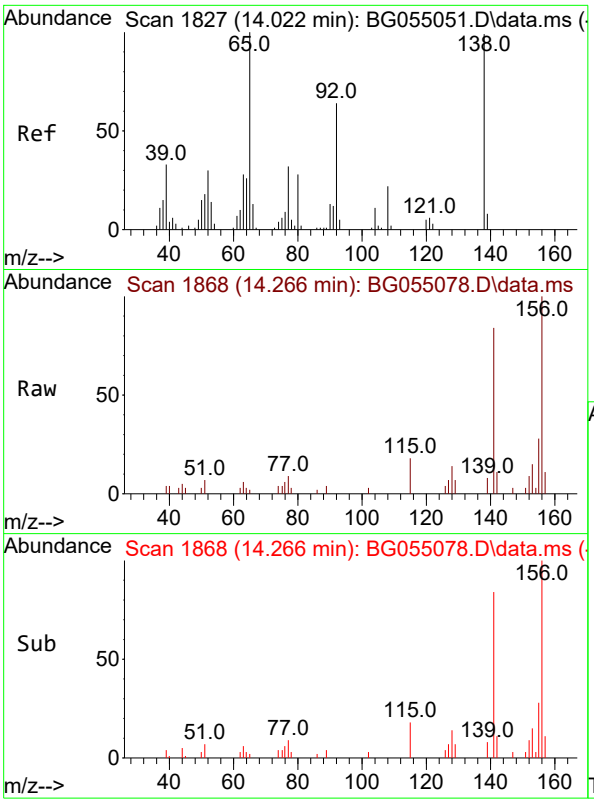


#45
2-Fluorobiphenyl
Concen: 3.764 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:172 Resp: 21007

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	22.3	20.0	30.0



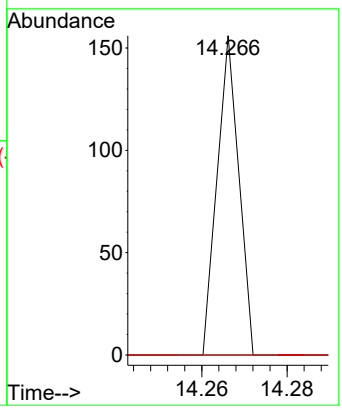


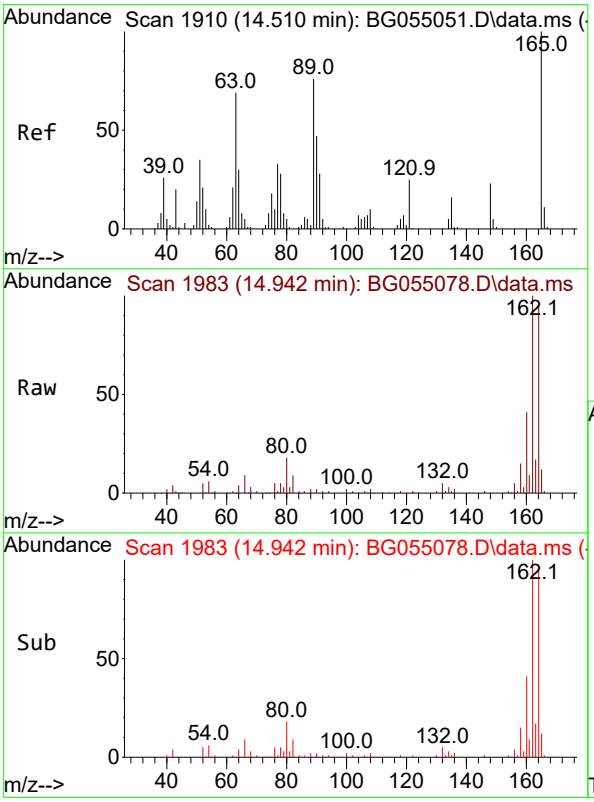
#48
2-Nitroaniline
Concen: 4.119 ng
RT: 14.266 min Scan# 1
Delta R.T. 0.244 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion: 65 Resp: 55

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.9	76.3#
138	0.0	79.5	119.3#

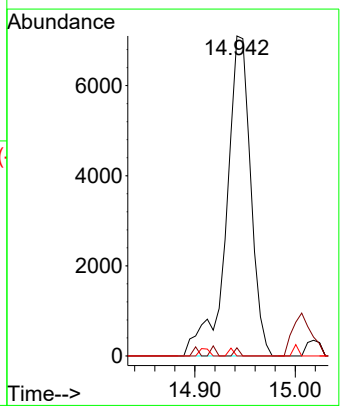


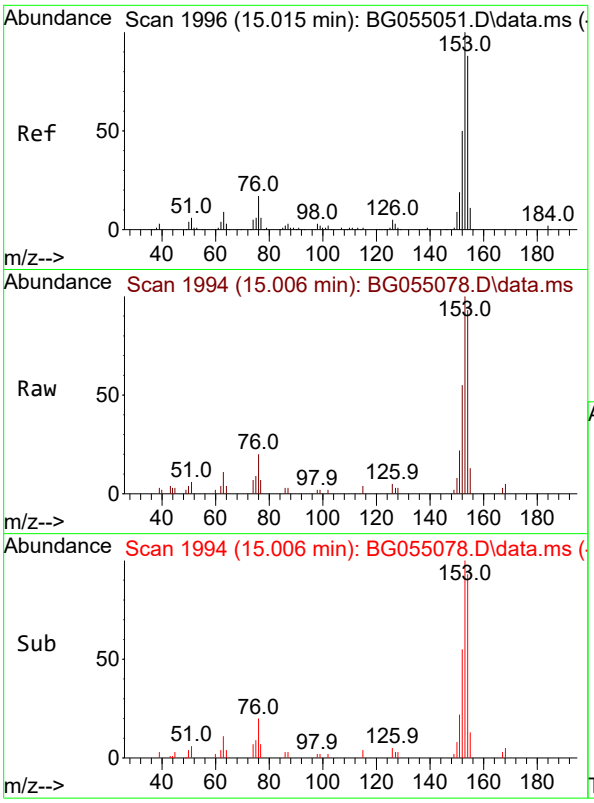


#51
2,6-Dinitrotoluene
Concen: 12.645 ng
RT: 14.942 min Scan# 1983
Delta R.T. 0.432 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:165 Resp: 11944

Ion	Ratio	Lower	Upper
165	100		
63	2.6	56.2	84.4#
89	0.0	60.4	90.6#



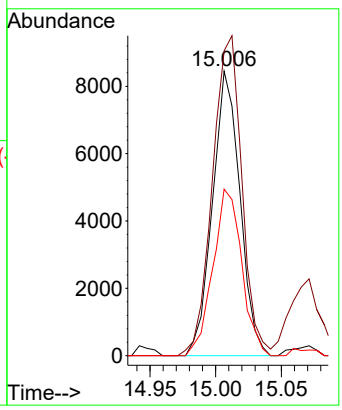


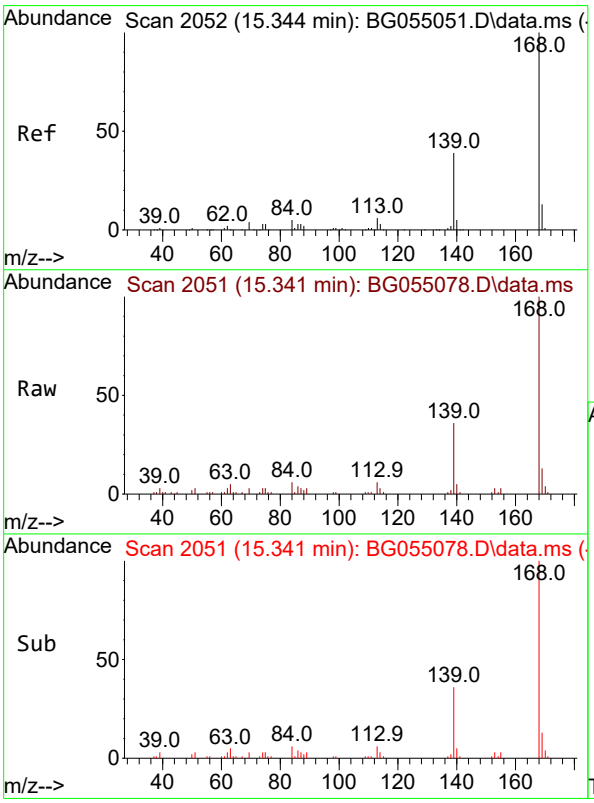
#52
Acenaphthene
Concen: 2.479 ng
RT: 15.006 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:154 Resp: 12269

Ion	Ratio	Lower	Upper
154	100		
153	107.1	91.4	137.0
152	58.5	45.3	67.9

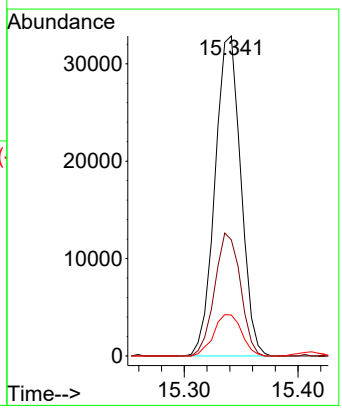


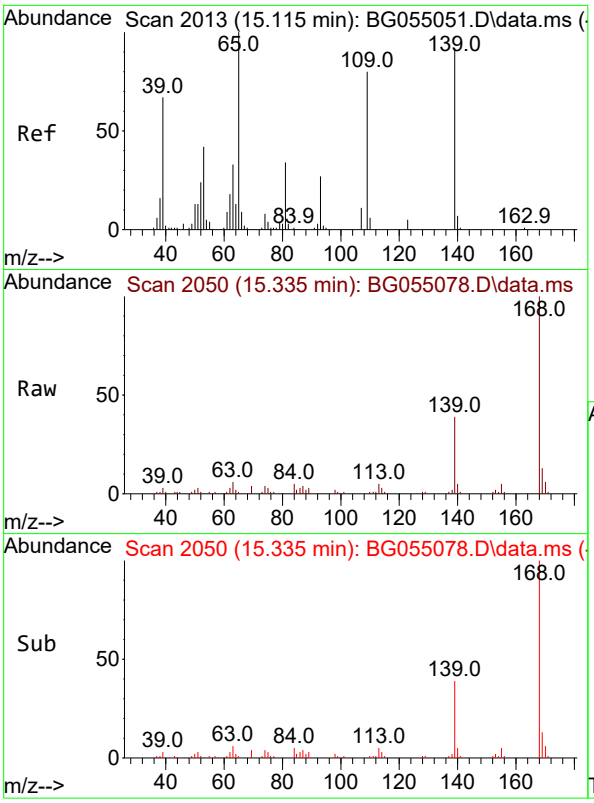


#55
Dibenzofuran
Concen: 6.554 ng
RT: 15.341 min Scan# 2051
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:168 Resp: 51749

Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.0	46.4
169	12.8	10.6	16.0



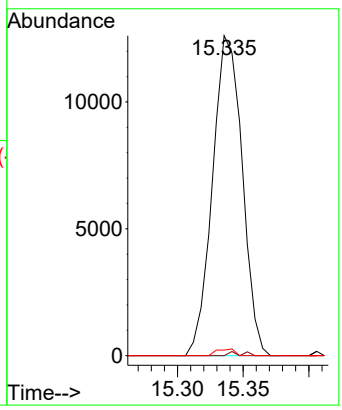


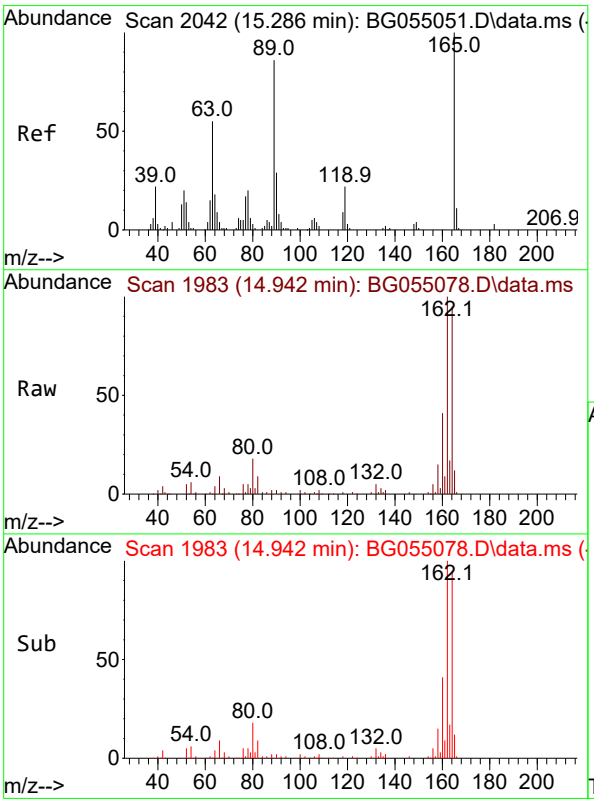
#56
4-Nitrophenol
Concen: 22.106 ng
RT: 15.335 min Scan# 2
Delta R.T. 0.220 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:139 Resp: 19862

Ion	Ratio	Lower	Upper
139	100		
109	0.0	66.6	106.6#
65	1.8	88.5	128.5#

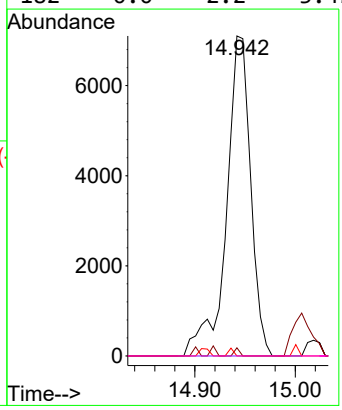


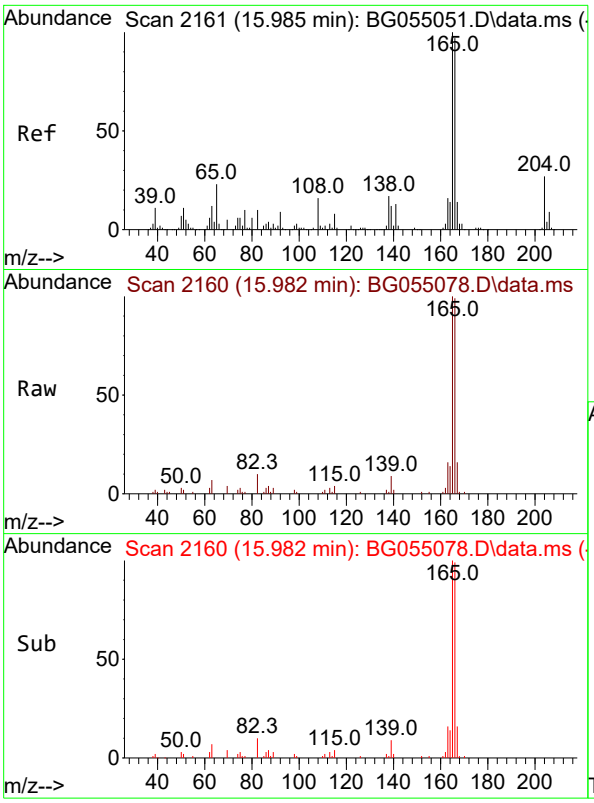


#57
2,4-Dinitrotoluene
Concen: 10.286 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:165 Resp: 11944

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.2	66.2#
89	0.0	69.0	103.6#
182	0.0	2.2	3.4#



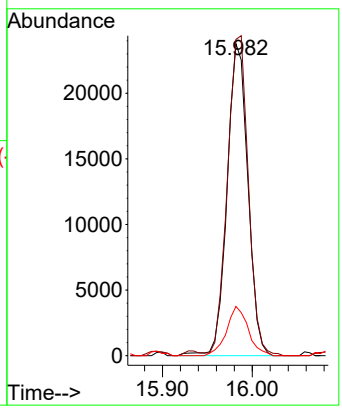


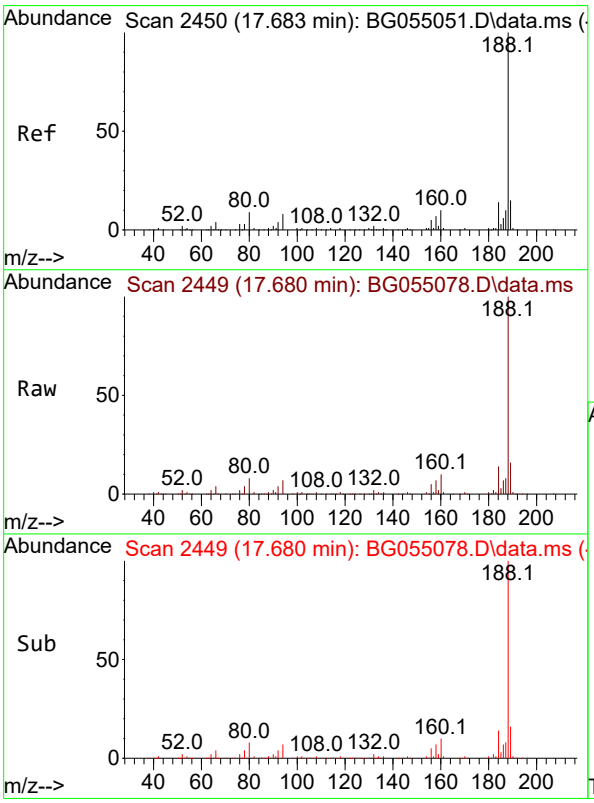
#58
Fluorene
Concen: 6.051 ng
RT: 15.982 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:166 Resp: 38231

Ion	Ratio	Lower	Upper
166	100		
165	101.4	82.6	123.8
167	15.8	11.8	17.8

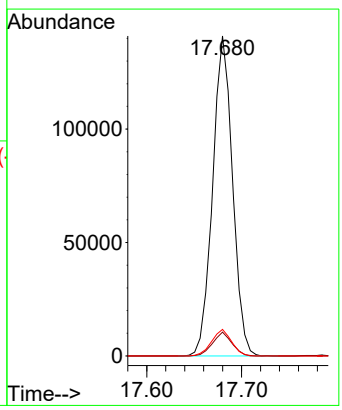


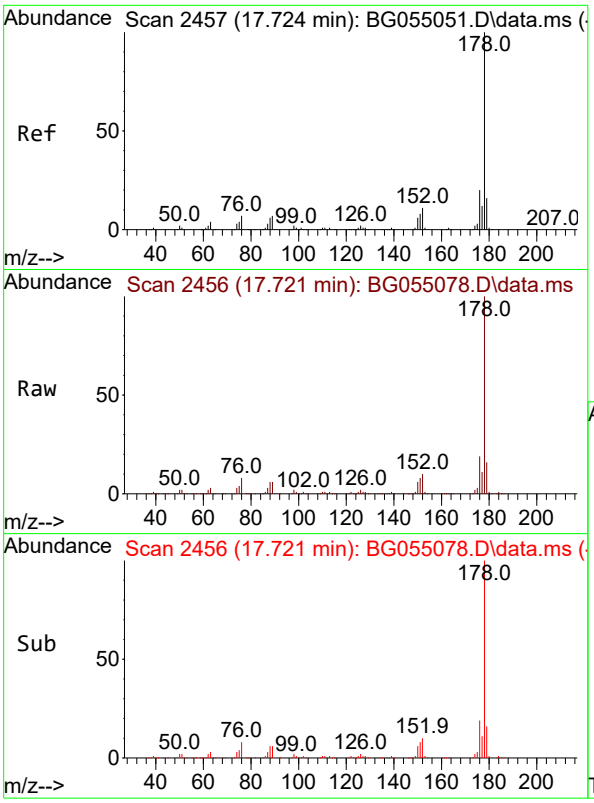


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:188 Resp: 205517

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	8.3	7.2	10.8



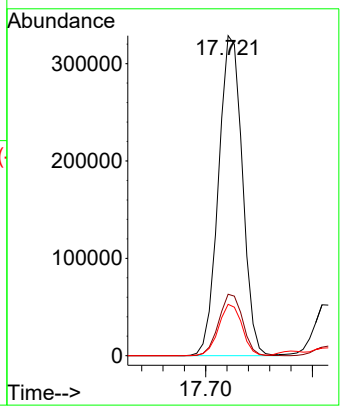


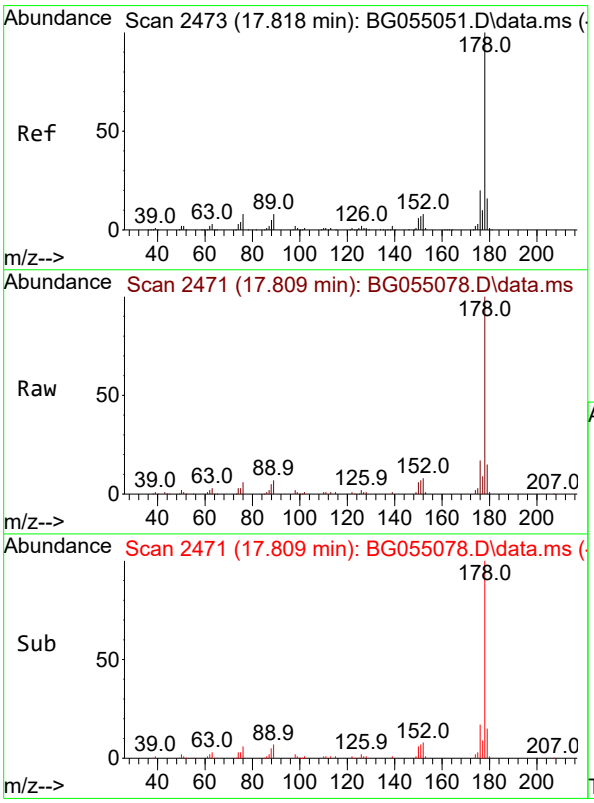
#71
Phenanthrene
Concen: 47.384 ng
RT: 17.721 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:178 Resp: 511532

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.0	13.2	19.8

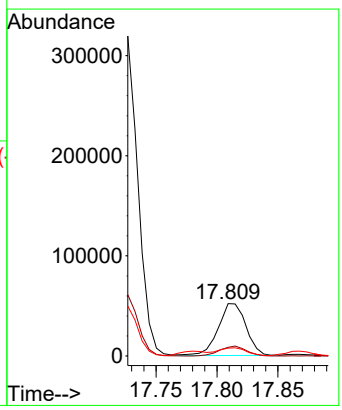


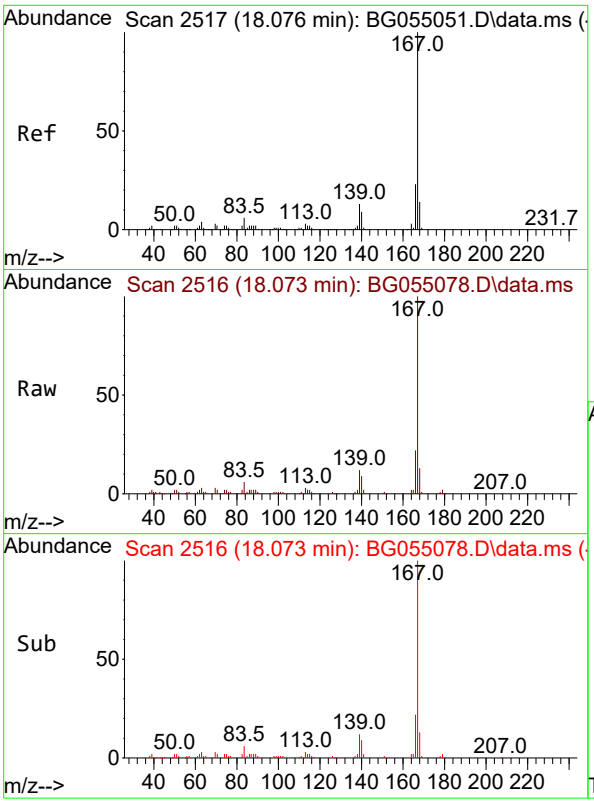


#72
Anthracene
Concen: 7.827 ng
RT: 17.809 min Scan# 2471
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:178 Resp: 82181

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.7	23.5
179	14.9	12.5	18.7



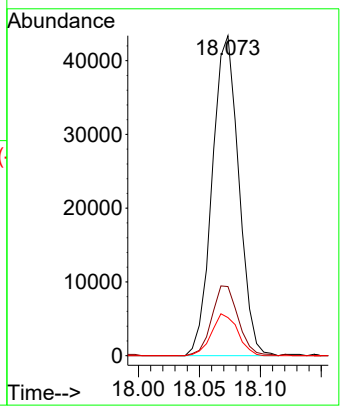


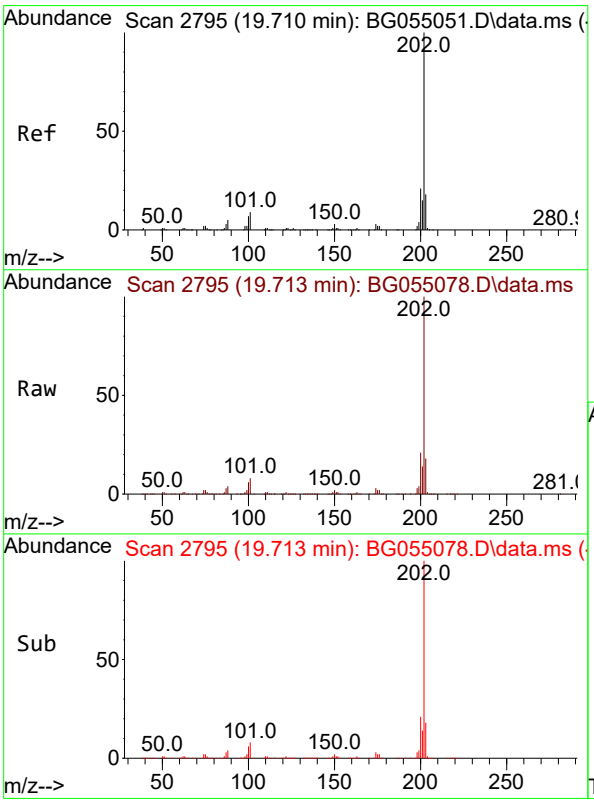
#73
Carbazole
Concen: 7.133 ng
RT: 18.073 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:167 Resp: 65735

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	11.9	10.2	15.4

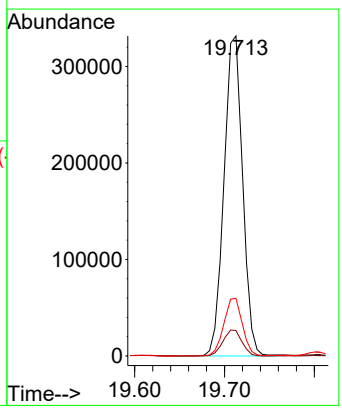


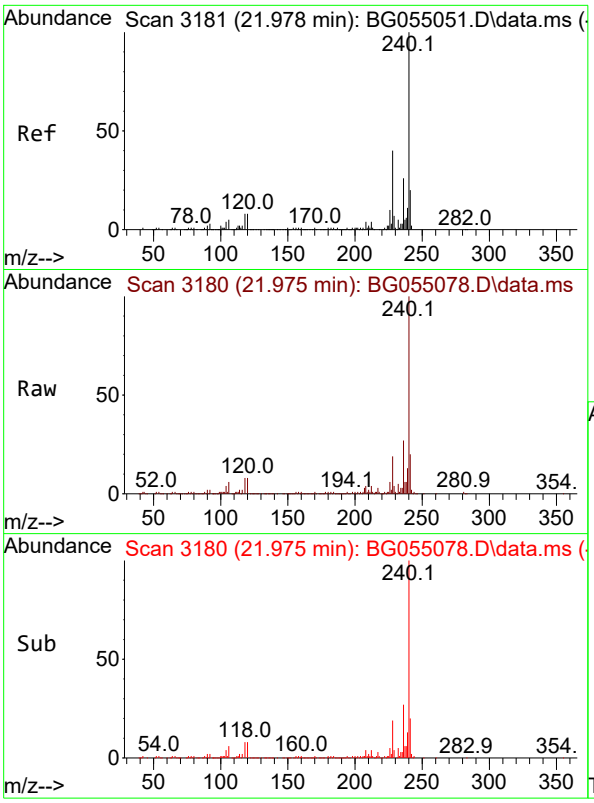


#75
Fluoranthene
Concen: 35.516 ng
RT: 19.713 min Scan# 2795
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:202 Resp: 478327

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.9
203	18.0	0.0	37.7



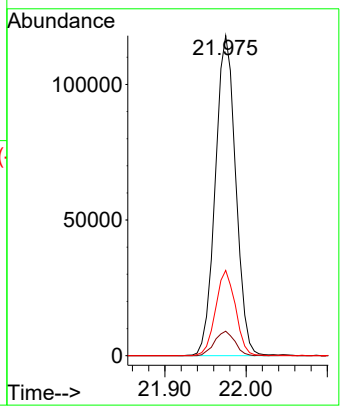


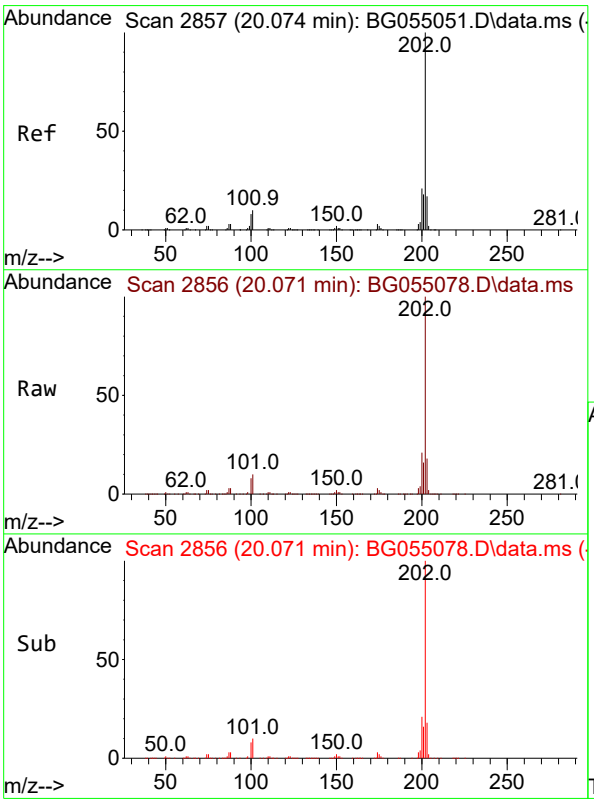
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:240 Resp: 206394

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	26.6	20.6	30.8

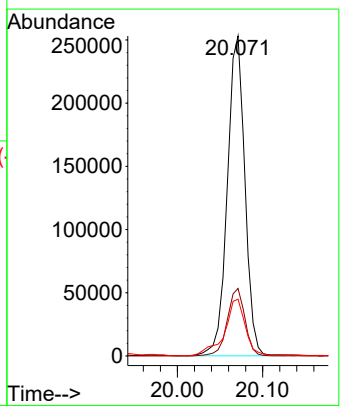


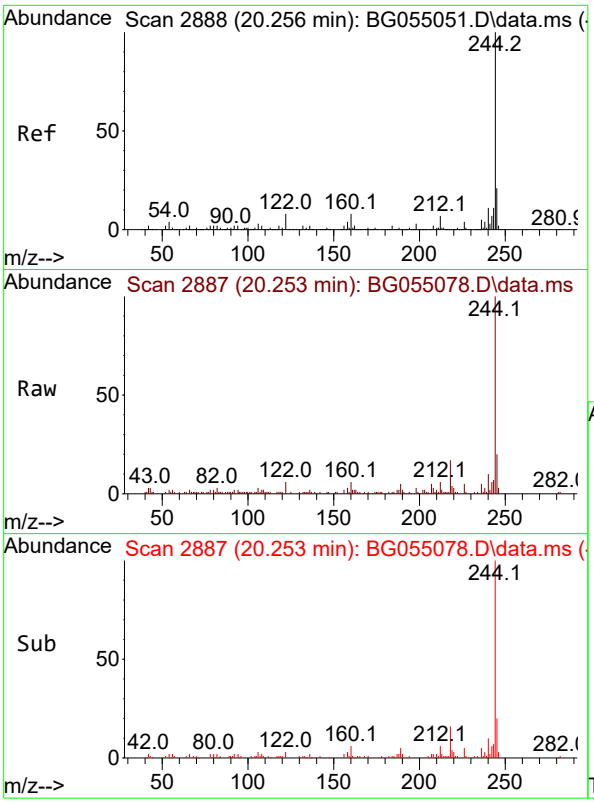


#78
Pyrene
Concen: 26.391 ng
RT: 20.071 min Scan# 2856
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:202 Resp: 362191

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.8	14.0	21.0



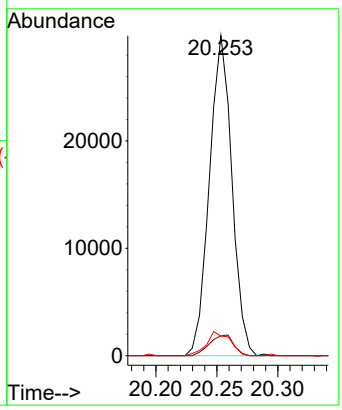


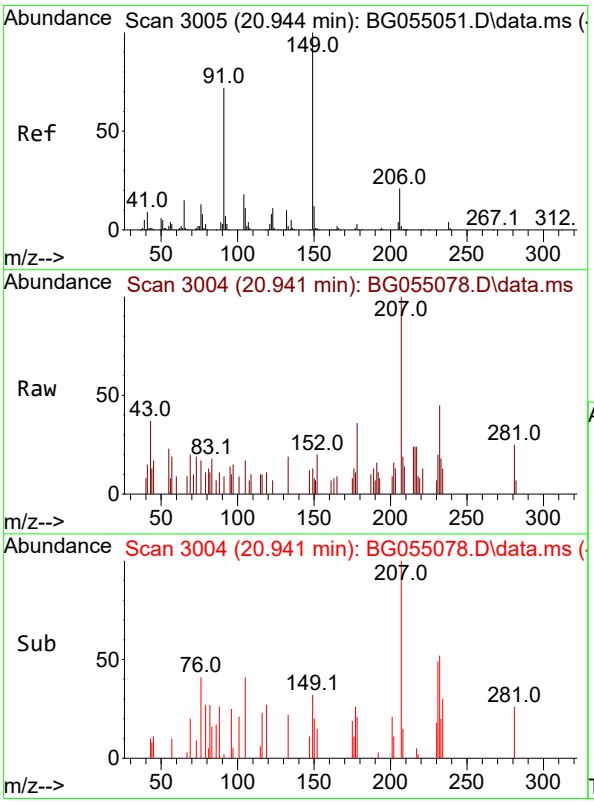
#79
Terphenyl-d14
Concen: 3.742 ng
RT: 20.253 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:244 Resp: 38212

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	6.1	6.6	10.0#

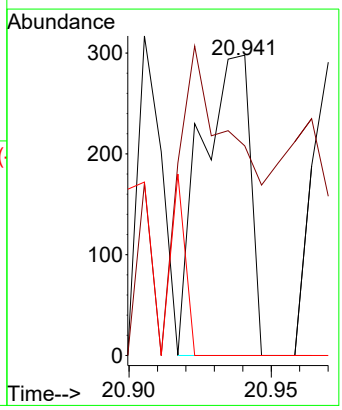


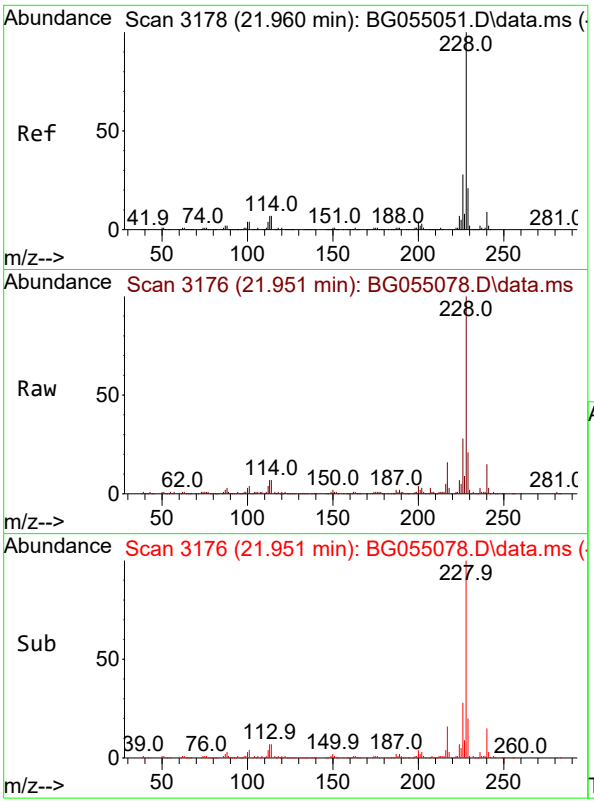


#80
Butylbenzylphthalate
Concen: 4.913 ng
RT: 20.941 min Scan# 3004
Delta R.T. -0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:149 Resp: 358

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.8	86.8
206	0.0	16.9	25.3#



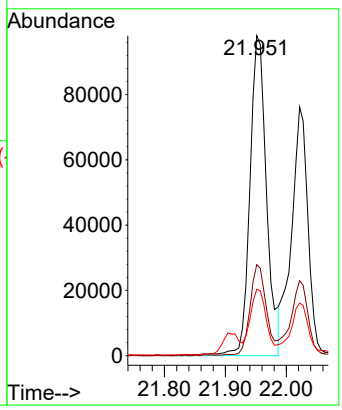


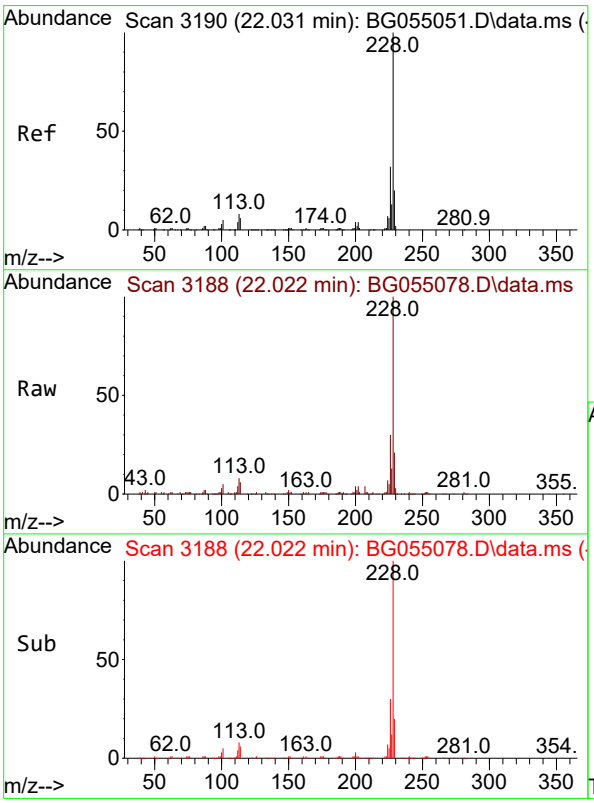
#81
Benzo(a)anthracene
Concen: 14.196 ng
RT: 21.951 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:228 Resp: 186123

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.7	16.7	25.1

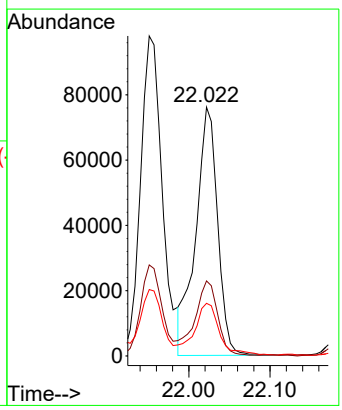


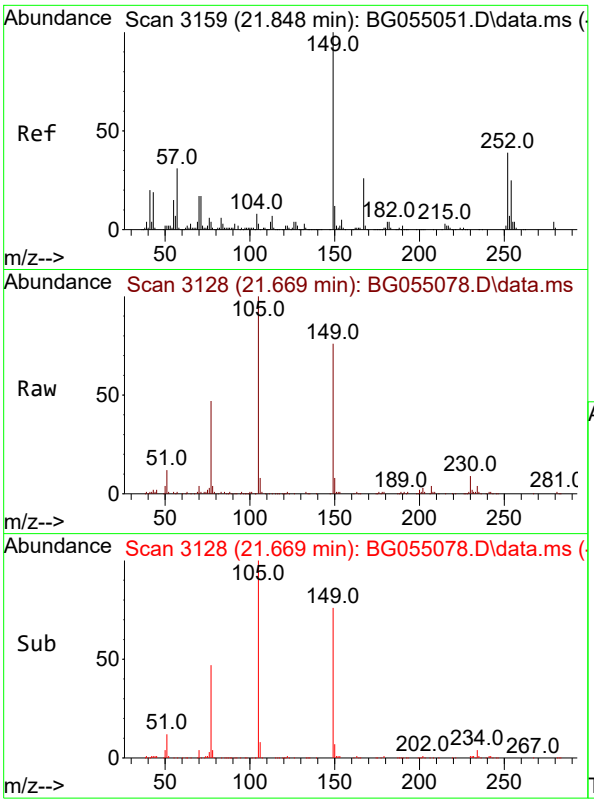


#83
Chrysene
Concen: 11.319 ng
RT: 22.022 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:228 Resp: 143033

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.3	37.9
229	21.2	16.1	24.1



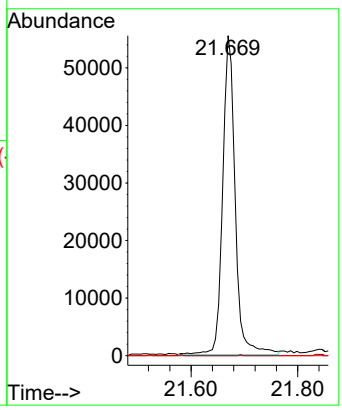


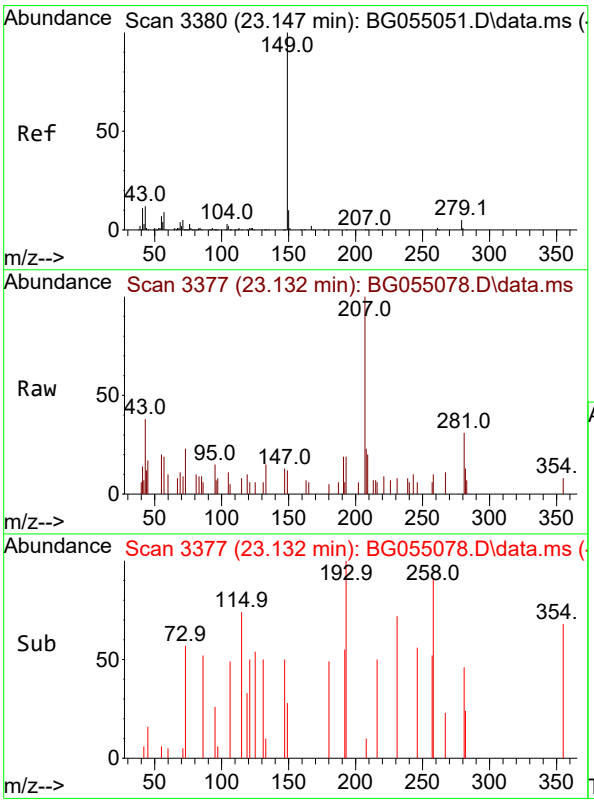
#84
Bis(2-ethylhexyl)phthalate
Concen: 16.927 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.179 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:149 Resp: 90108

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.0	31.4#
279	0.0	3.4	5.2#

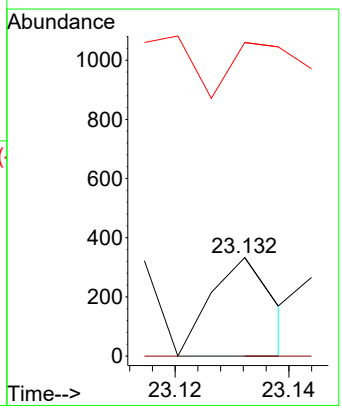


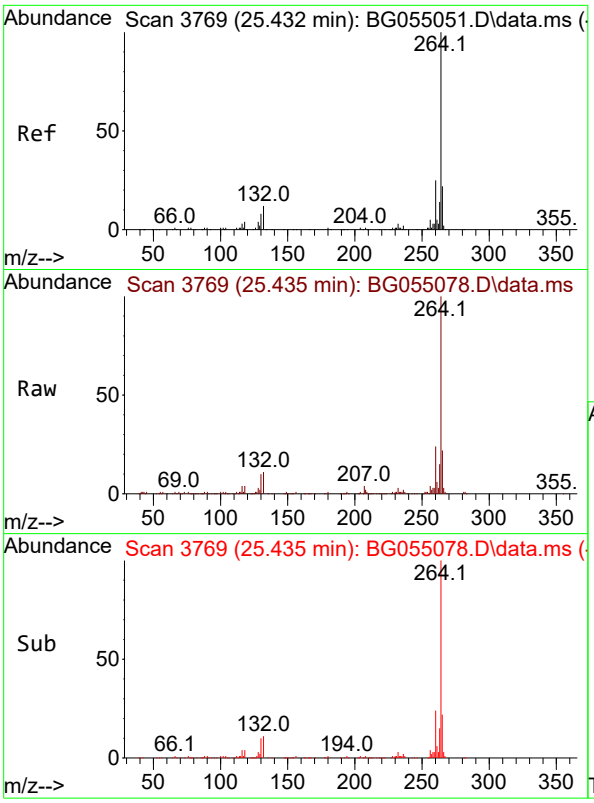


#85
Di-n-octyl phthalate
Concen: 4.362 ng
RT: 23.132 min Scan# 3377
Delta R.T. -0.015 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:149 Resp: 253

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	75.5	10.2	15.4#



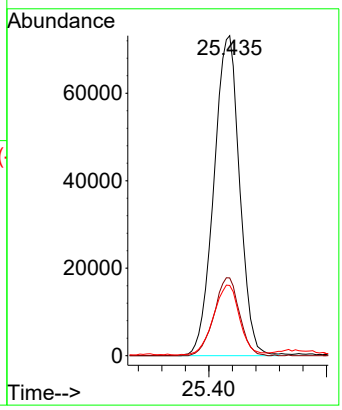


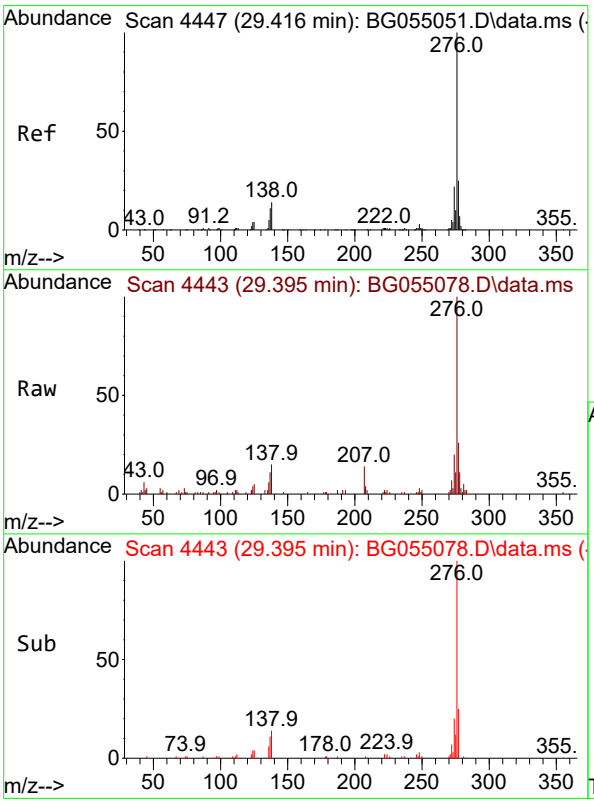
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.435 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:264 Resp: 221530

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.8	26.6

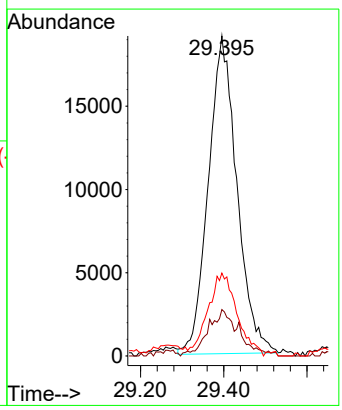


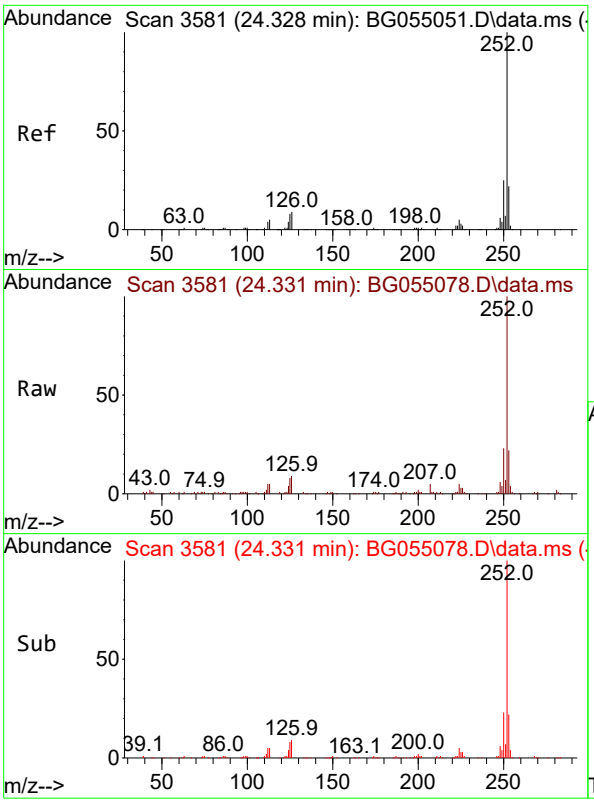


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.698 ng
RT: 29.395 min Scan# 4443
Delta R.T. -0.020 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:276 Resp: 91092

Ion	Ratio	Lower	Upper
276	100		
138	15.9	10.0	15.0#
277	26.6	20.0	30.0



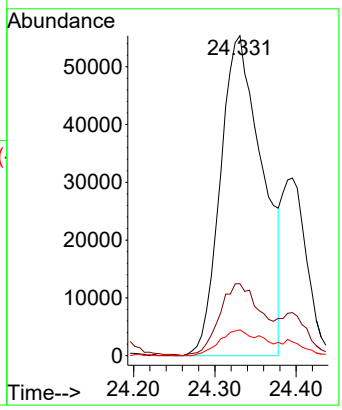


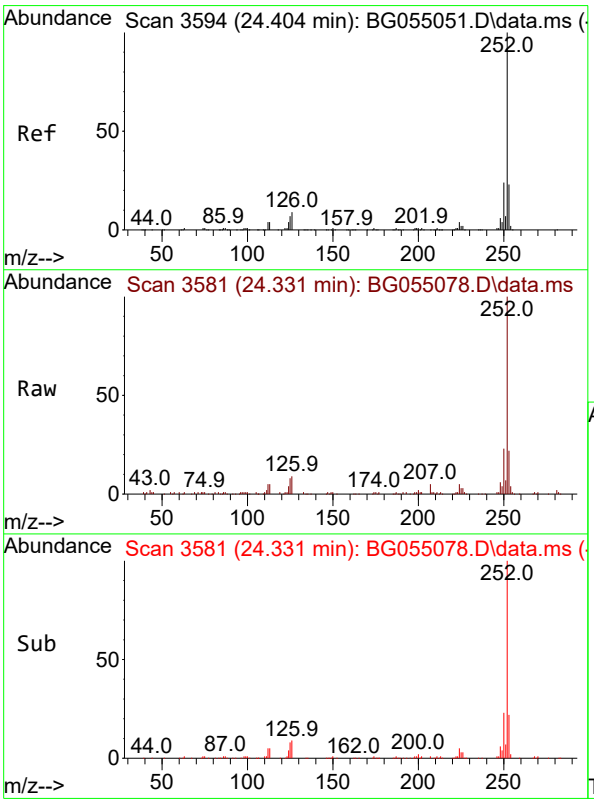
#88
Benzo(b)fluoranthene
Concen: 15.249 ng
RT: 24.331 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:252 Resp: 199035

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	6.1	9.1

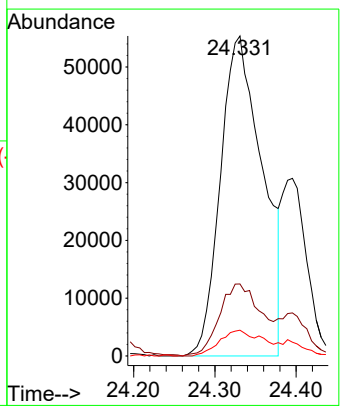


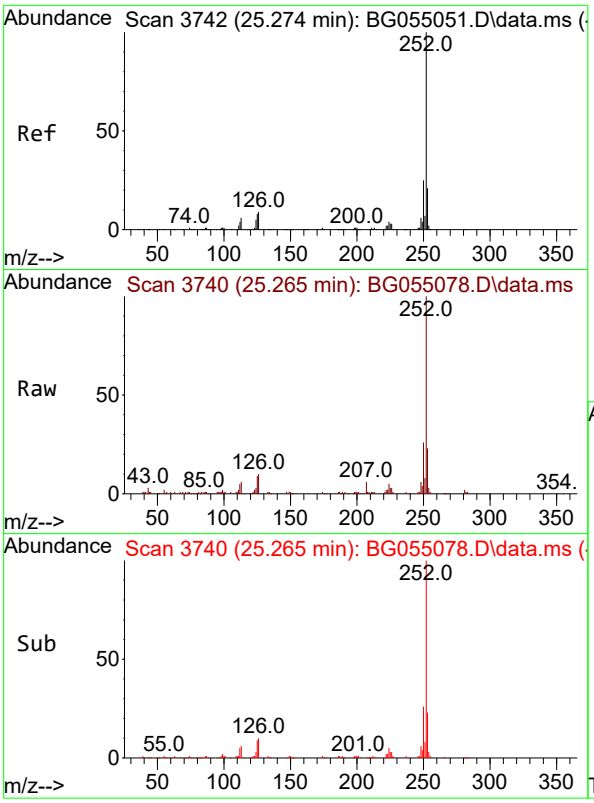


#89
Benzo(k)fluoranthene
Concen: 15.136 ng
RT: 24.331 min Scan# 3581
Delta R.T. -0.073 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:252 Resp: 199035

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	5.8	8.6



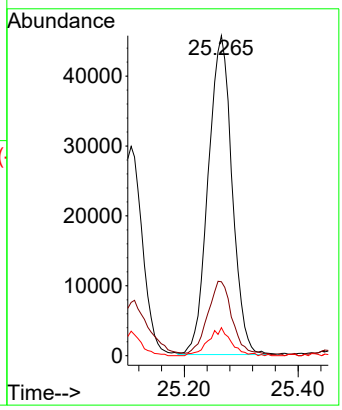


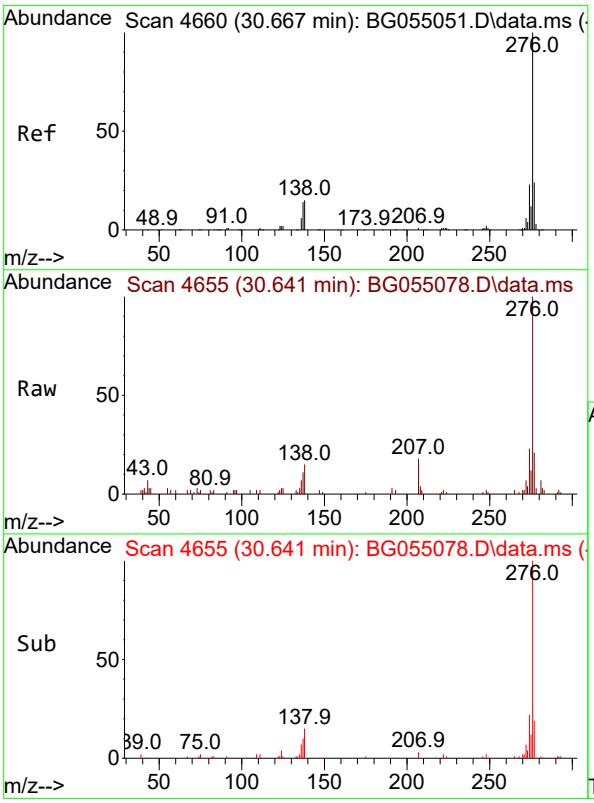
#90
Benzo(a)pyrene
Concen: 11.867 ng
RT: 25.265 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Instrument :
BNA_G
ClientSampleId :
VNJ-222DL2

Tgt Ion:252 Resp: 132763

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.9	25.3
125	8.7	6.6	9.8





#92
Benzo(g,h,i)perylene
Concen: 6.248 ng
RT: 30.641 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BG055078.D
Acq: 5 Oct 2022 16:26

Tgt Ion:276 Resp: 81447

Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.8	28.2
138	15.2	11.8	17.6