Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056878.D
Acq On : 8 Mar 2023 12:13
Operator : CG/JU
Sample : 01784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCAD0

Quant Time: Mar 08 13:29:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	13373	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	54461	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.030	164	44403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.774	188	128229	20.000	ng/ul	0.00
79) Chrysene-d12	22.098	240	128679	20.000	ng/ul	-0.01
88) Perylene-d12	25.647	264	138976	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.714	96	5034	14.598	ng/uL	0.02
4) Pyridine-d5	4.137	84	4788	4.268	ng/ul	0.00
7) Phenol-d5	7.533	99	7433	5.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21928	25.470	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	17906	20.874	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	12823	12.399	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	12602	27.899	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	14942	27.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	24342	23.517	ng/ul	0.00
31) 4-Chloroaniline-d4	11.381	131	28152	20.641	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	119592	31.488	ng/ul	0.00
49) Acenaphthylene-d8	14.730	160	116997	28.055	ng/ul	0.00
54) 4-Nitrophenol-d4	15.188	143	4441	6.900	ng/ul	-0.01
60) Fluorene-d10	16.017	176	104754	29.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	25897	27.945	ng/ul	0.00
73) Anthracene-d10	17.874	188	202484	32.672	ng/ul	0.00
81) Pyrene-d10	20.136	212	264771	33.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.406	264	253518	33.315	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.708	88	138	0.359	ng/uL#	14
17) N-Nitroso-di-n-propyla...	9.107	70	395	0.384	ng/ul#	1
19) Hexachloroethane	9.613	117	912	2.506	ng/ul#	2
23) Isophorone	10.324	82	1439	0.523	ng/ul#	68
30) Naphthalene	11.311	128	198070	65.840	ng/ul	99
32) 4-Chloroaniline	11.311	127	27603	20.657	ng/ul#	11
36) 2-Methylnaphthalene	12.885	142	18981	8.771	ng/ul	96
37) 1-Methylnaphthalene	13.103	142	16282	7.530	ng/ul	98
50) Acenaphthylene	14.760	152	365	0.087	ng/ul#	62
52) Acenaphthene	15.094	153	22028	7.473	ng/ul	98
56) Dibenzofuran	15.423	168	15438	3.426	ng/ul	97
61) Fluorene	16.076	166	8451	2.355	ng/ul	93
67) N-Nitrosodiphenylamine	16.364	169	441	0.128	ng/ul#	24
72) Phenanthrene	17.815	178	192	0.028	ng/ul#	61
74) Anthracene	17.832	178	57	0.008	ng/ul#	61
77) Carbazole	18.167	167	54598	9.152	ng/ul	97
78) Di-n-butylphthalate	18.696	149	203	0.029	ng/ul#	77
82) Pyrene	20.165	202	92	0.010	ng/ul#	82
85) Benzo(a)anthracene	22.092	228	232	0.025	ng/ul#	53
86) Bis(2-ethylhexyl)phtha...	21.922	149	59	0.013	ng/ul#	55
87) Chrysene	22.092	228	232	0.027	ng/ul#	50
93) Benzo(a)pyrene	25.394	252	584	0.072	ng/ul#	60

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056878.D
Acq On : 8 Mar 2023 12:13
Operator : CG/JU
Sample : 01784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCAD0

Quant Time: Mar 08 13:29:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

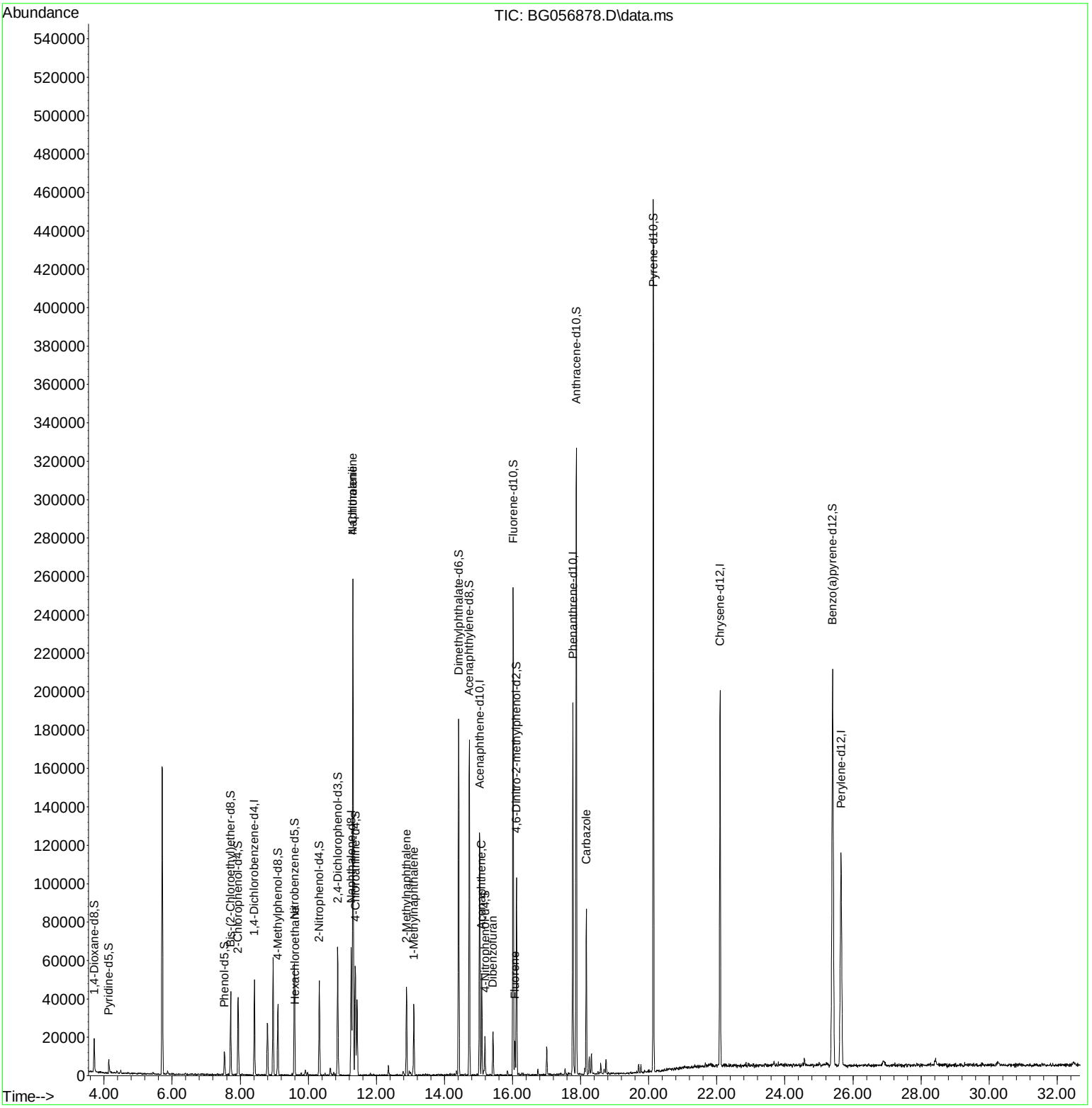
(#) = qualifier out of range (m) = manual integration (+) = signals summed

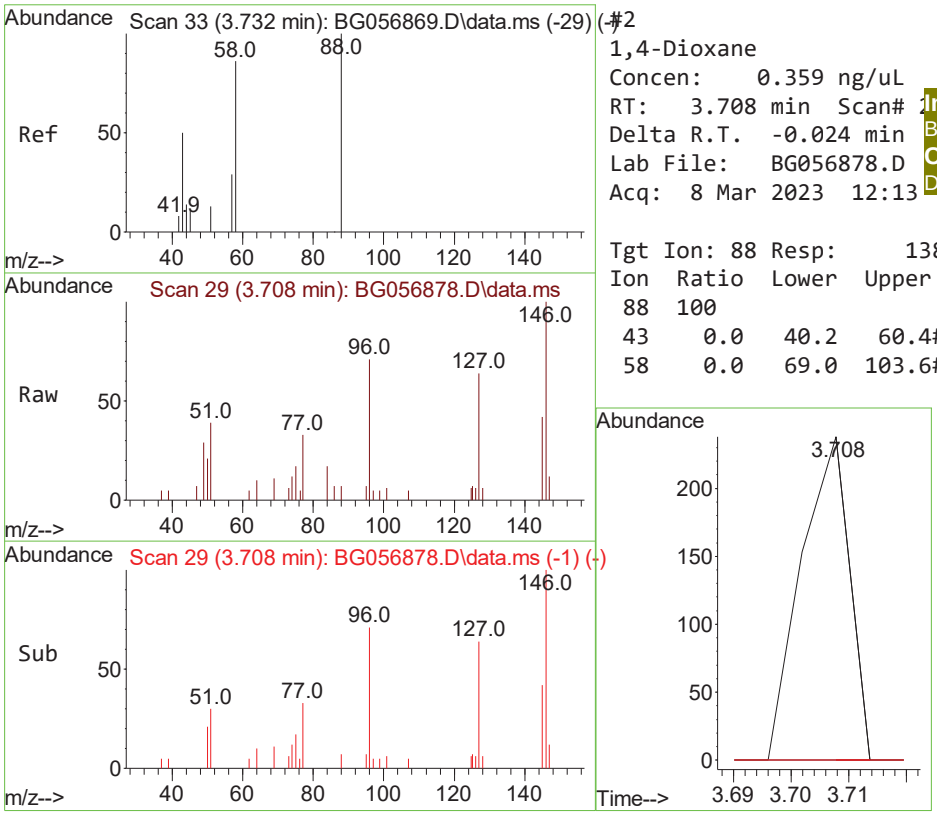
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056878.D
Acq On : 8 Mar 2023 12:13
Operator : CG/JU
Sample : 01784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCAD0

Quant Time: Mar 08 17:29:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration



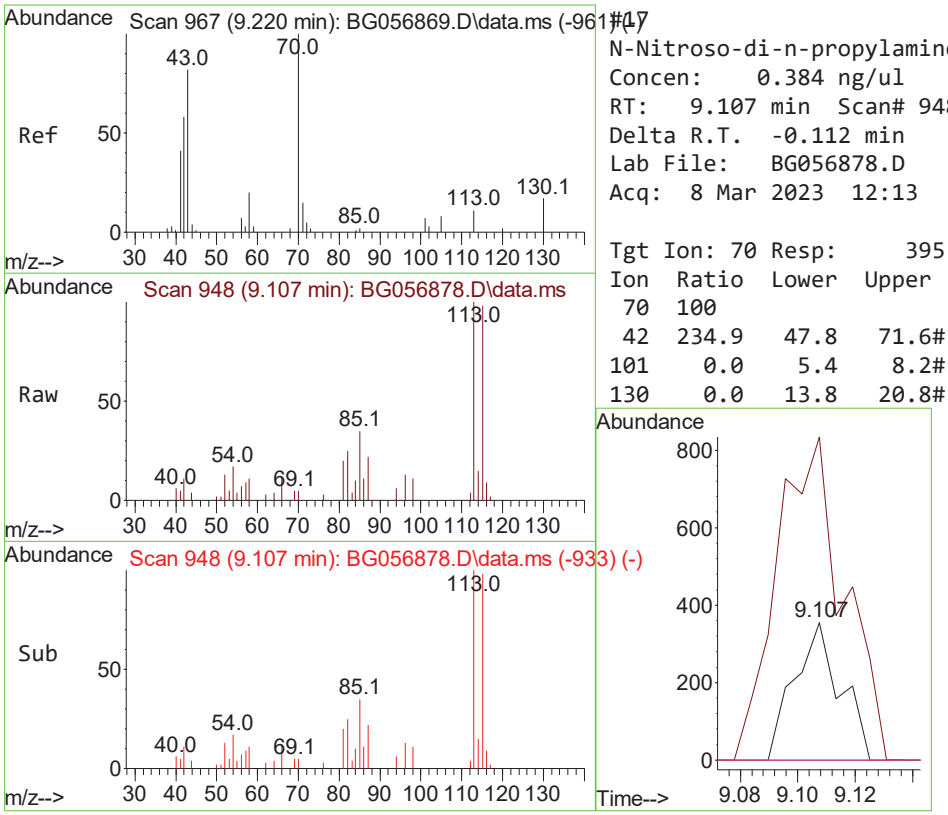


#2
1,4-Dioxane
Concen: 0.359 ng/uL
RT: 3.708 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion: 88 Resp: 138

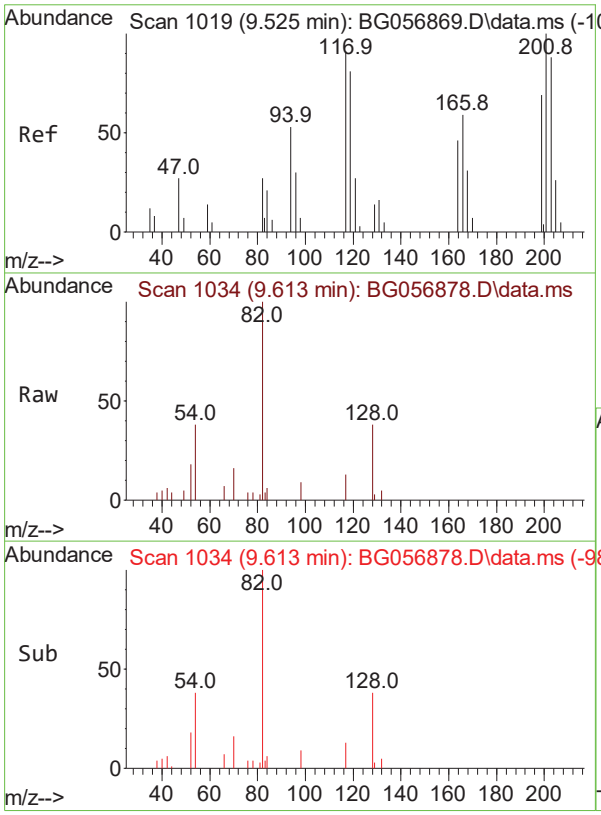
Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.2	60.4#
58	0.0	69.0	103.6#



#17
N-Nitroso-di-n-propylamine
Concen: 0.384 ng/ul
RT: 9.107 min Scan# 948
Delta R.T. -0.112 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion: 70 Resp: 395

Ion	Ratio	Lower	Upper
70	100		
42	234.9	47.8	71.6#
101	0.0	5.4	8.2#
130	0.0	13.8	20.8#

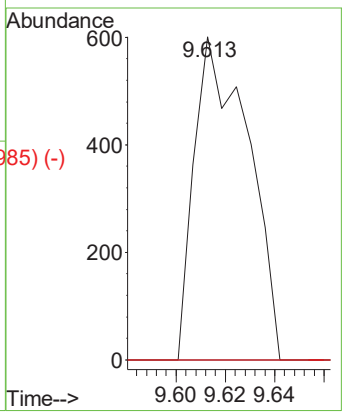


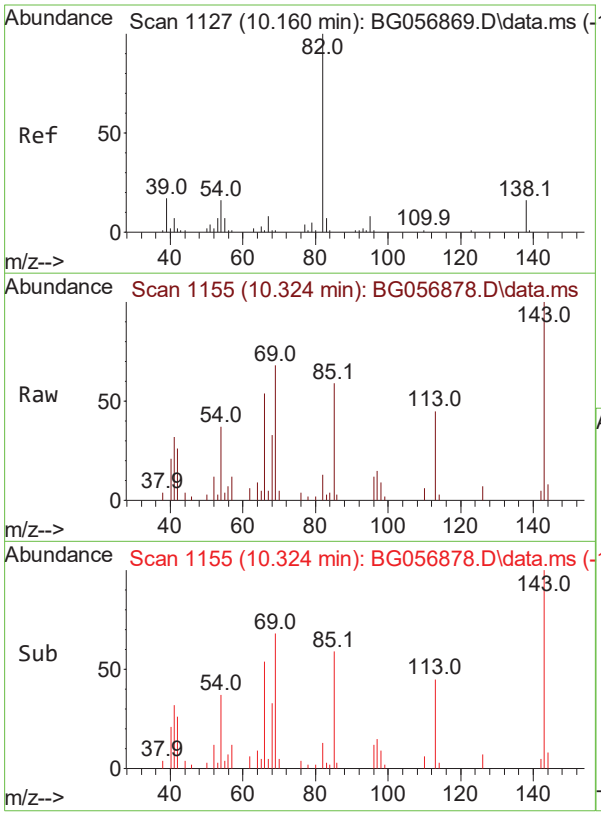
#19
Hexachloroethane
Concen: 2.506 ng/ul
RT: 9.613 min Scan# 1
Delta R.T. 0.088 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:117 Resp: 912

Ion	Ratio	Lower	Upper
117	100		
201	0.0	87.5	131.3#
199	0.0	63.8	95.6#

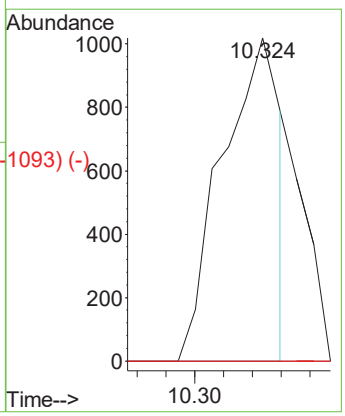


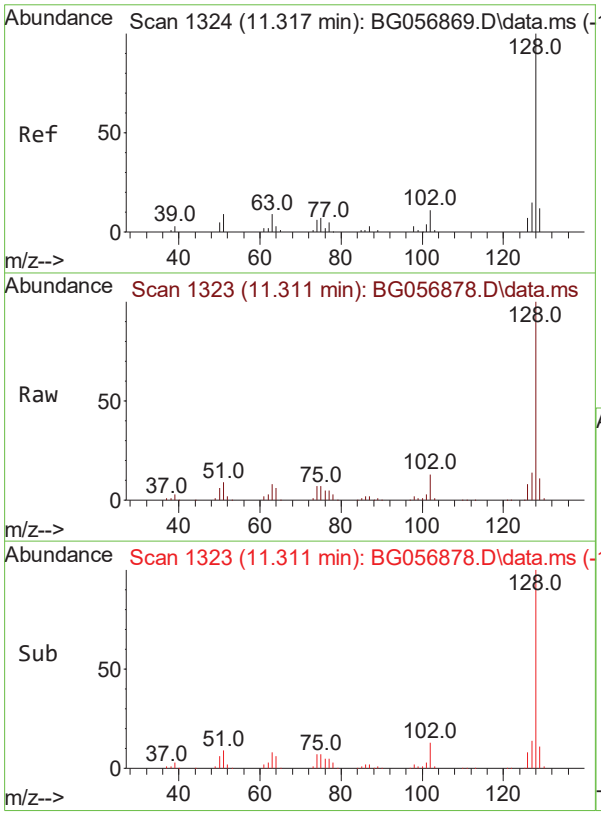


#23
Isophorone
Concen: 0.523 ng/ul
RT: 10.324 min Scan# 1155
Delta R.T. 0.164 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion: 82 Resp: 1439

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	12.6	18.8#



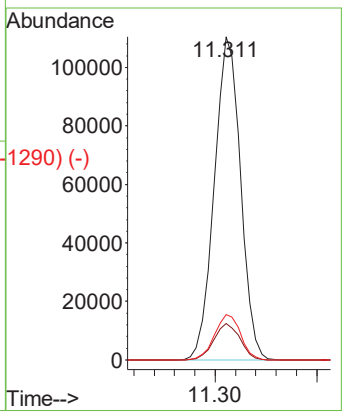


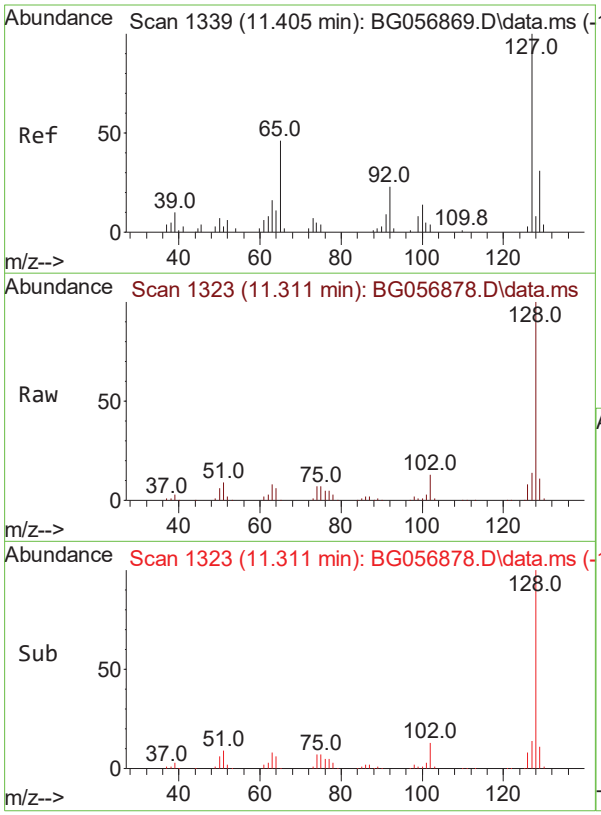
#32
Naphthalene
Concen: 65.840 ng/ul
RT: 11.311 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:128 Resp: 198070

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	14.0	11.8	17.6

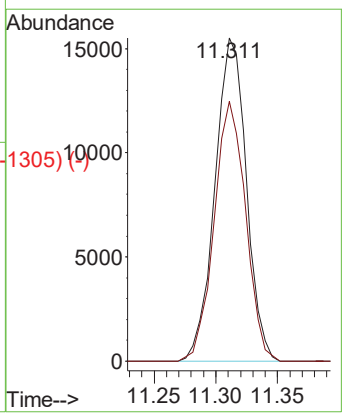


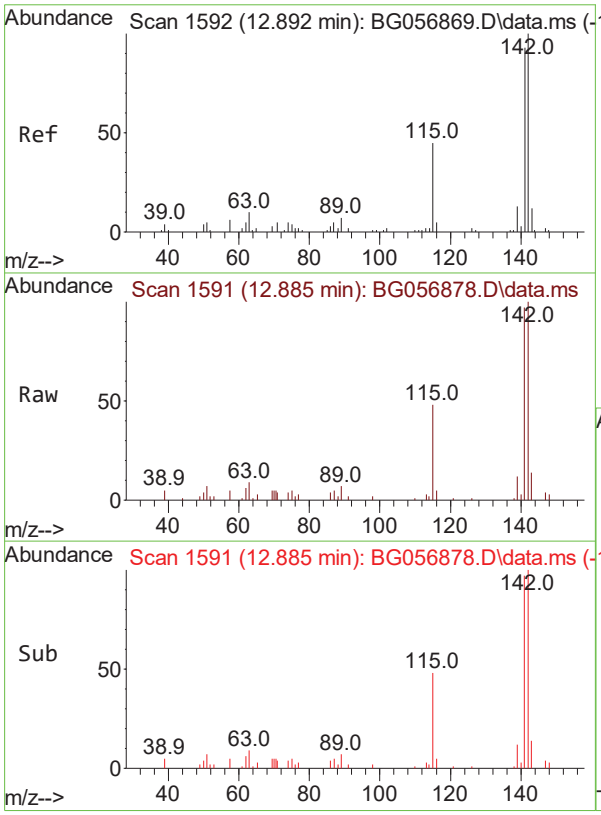


#33
4-Chloroaniline
Concen: 20.657 ng/ul
RT: 11.311 min Scan# 1323
Delta R.T. -0.095 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:127 Resp: 27603

Ion	Ratio	Lower	Upper
127	100		
129	80.4	25.1	37.7#



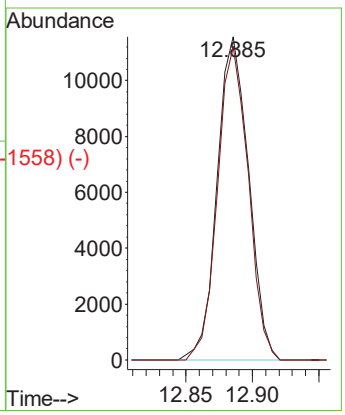


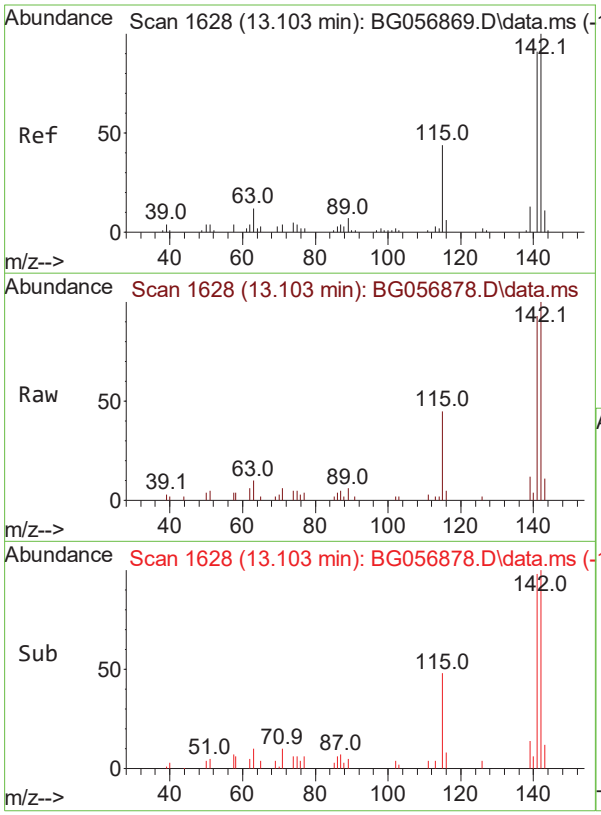
#36
2-Methylnaphthalene
Concen: 8.771 ng/ul
RT: 12.885 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:142 Resp: 18981

Ion	Ratio	Lower	Upper
142	100		
141	97.1	74.6	111.8

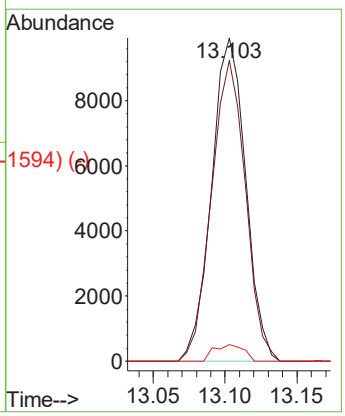


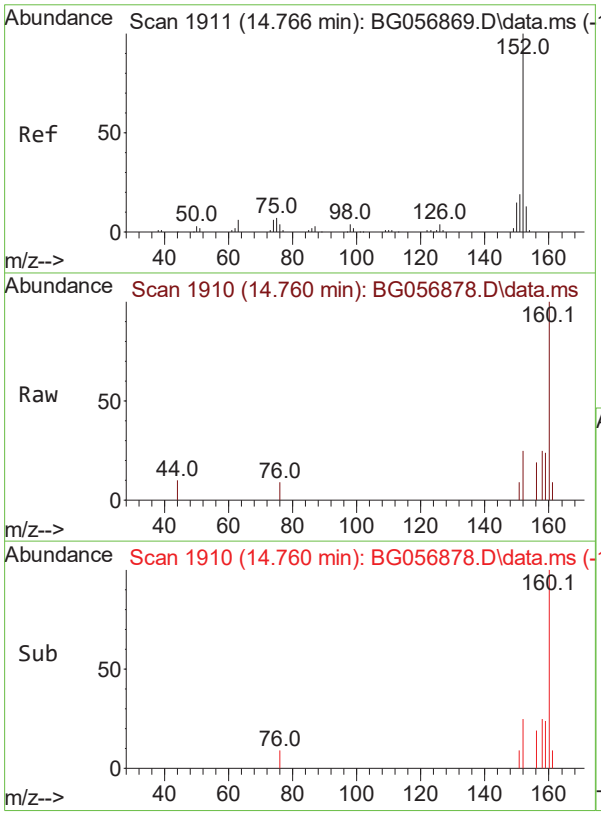


#37
1-Methylnaphthalene
Concen: 7.530 ng/ul
RT: 13.103 min Scan# 1628
Delta R.T. -0.001 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:142 Resp: 16282

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.4
116	5.1	4.6	7.0



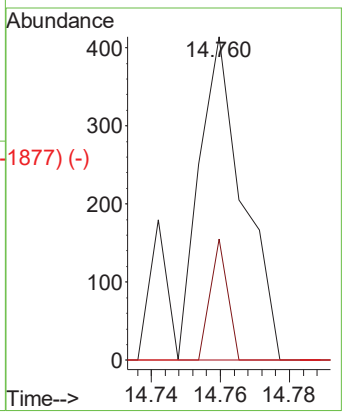


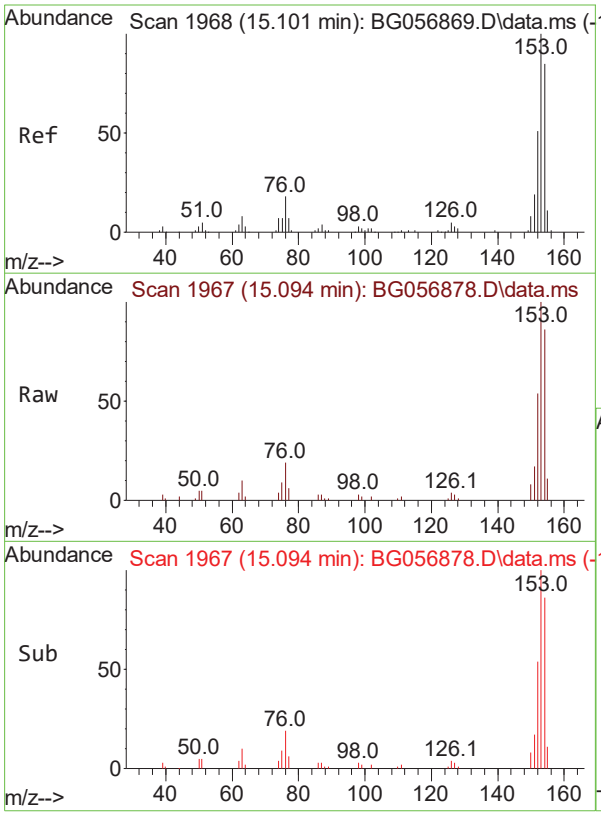
#50
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:152 Resp: 365

Ion	Ratio	Lower	Upper
152	100		
151	37.4	15.2	22.8#
153	0.0	10.6	16.0#

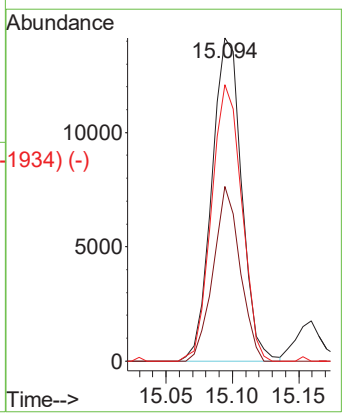


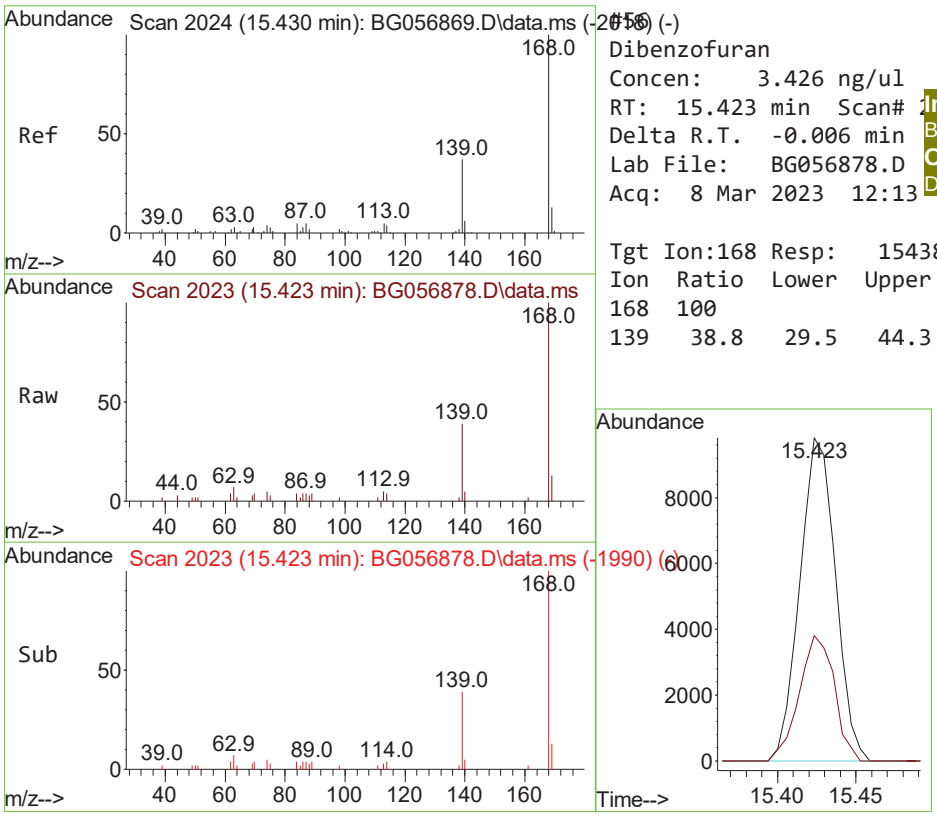


#52
Acenaphthene
Concen: 7.473 ng/ul
RT: 15.094 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:153 Resp: 22028

Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.5	60.7
154	85.6	67.8	101.8



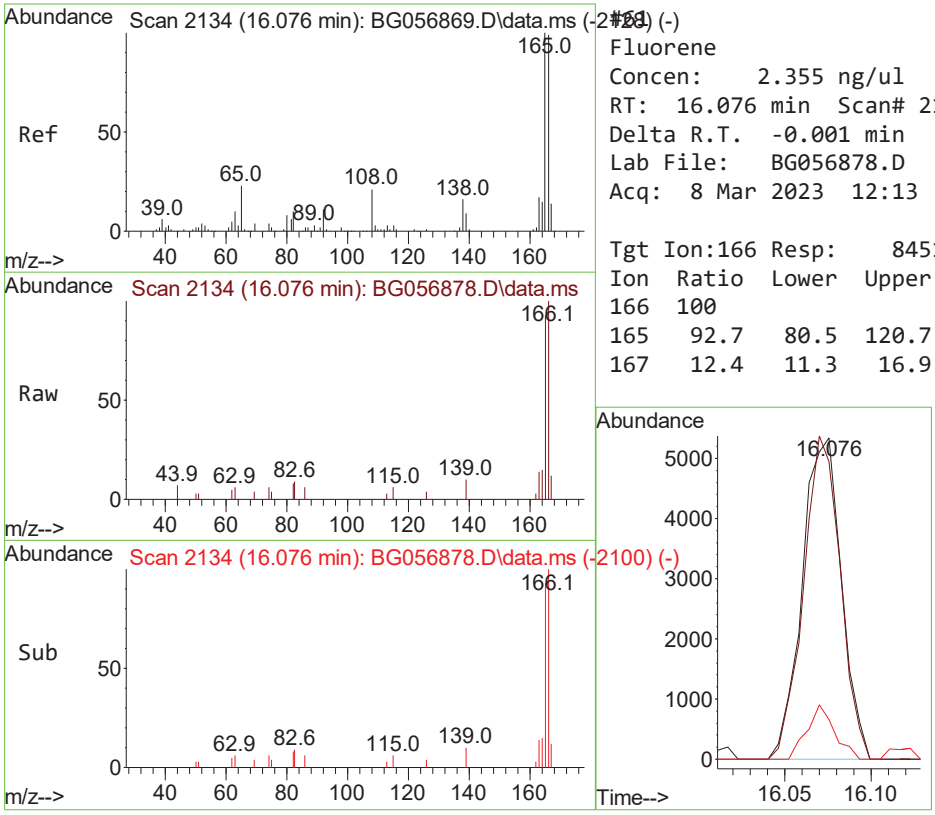


#56
Dibenzofuran
Concen: 3.426 ng/ul
RT: 15.423 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:168 Resp: 15438

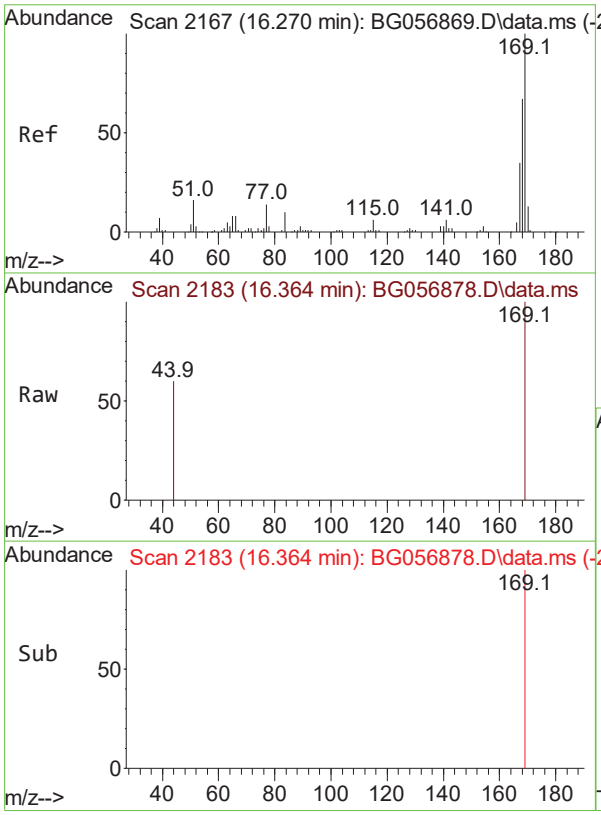
Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.5	44.3



#61
Fluorene
Concen: 2.355 ng/ul
RT: 16.076 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:166 Resp: 8451

Ion	Ratio	Lower	Upper
166	100		
165	92.7	80.5	120.7
167	12.4	11.3	16.9

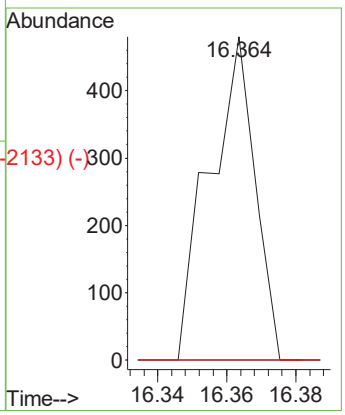


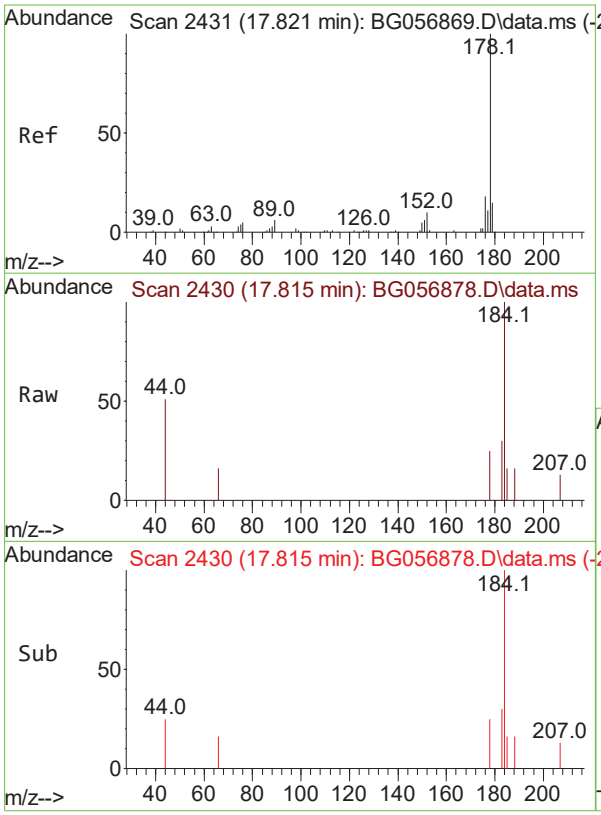
#67
N-Nitrosodiphenylamine
Concen: 0.128 ng/ul
RT: 16.364 min Scan# 1
Delta R.T. 0.093 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:169 Resp: 441

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	0.0	28.2	42.4#

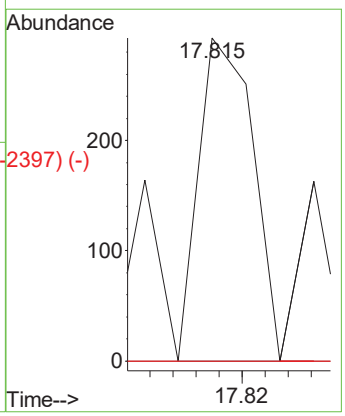


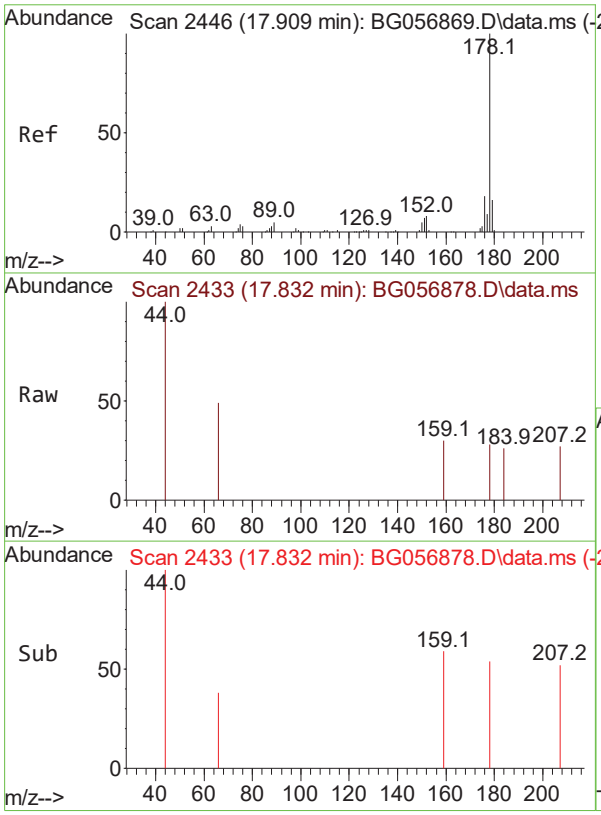


#74
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.815 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:178 Resp: 192

Ion	Ratio	Lower	Upper
178	100		
179	0.0	11.9	17.9#
176	0.0	14.6	22.0#



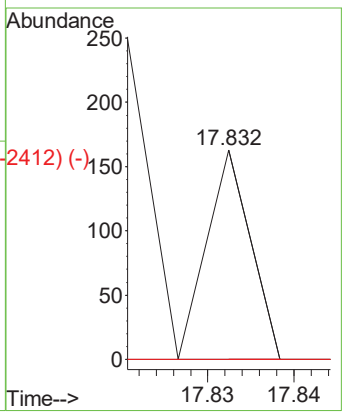


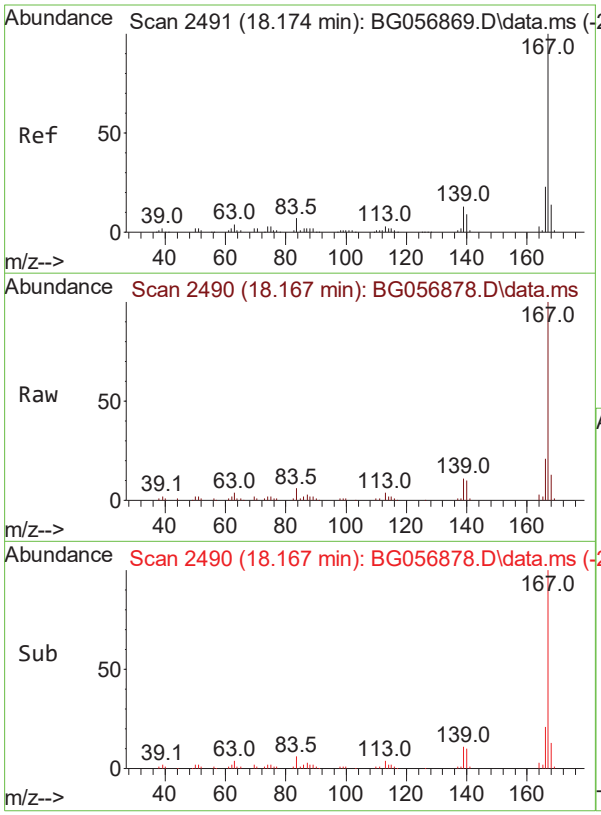
#70
Anthracene
Concen: 0.008 ng/ul
RT: 17.832 min Scan# 1
Delta R.T. -0.077 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.4	18.6#
176	0.0	14.2	21.2#

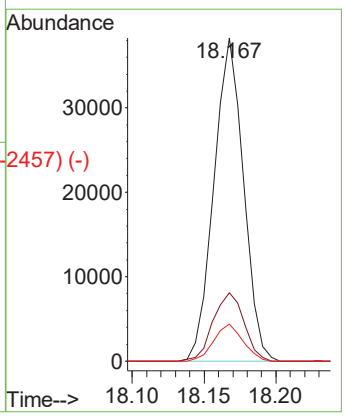


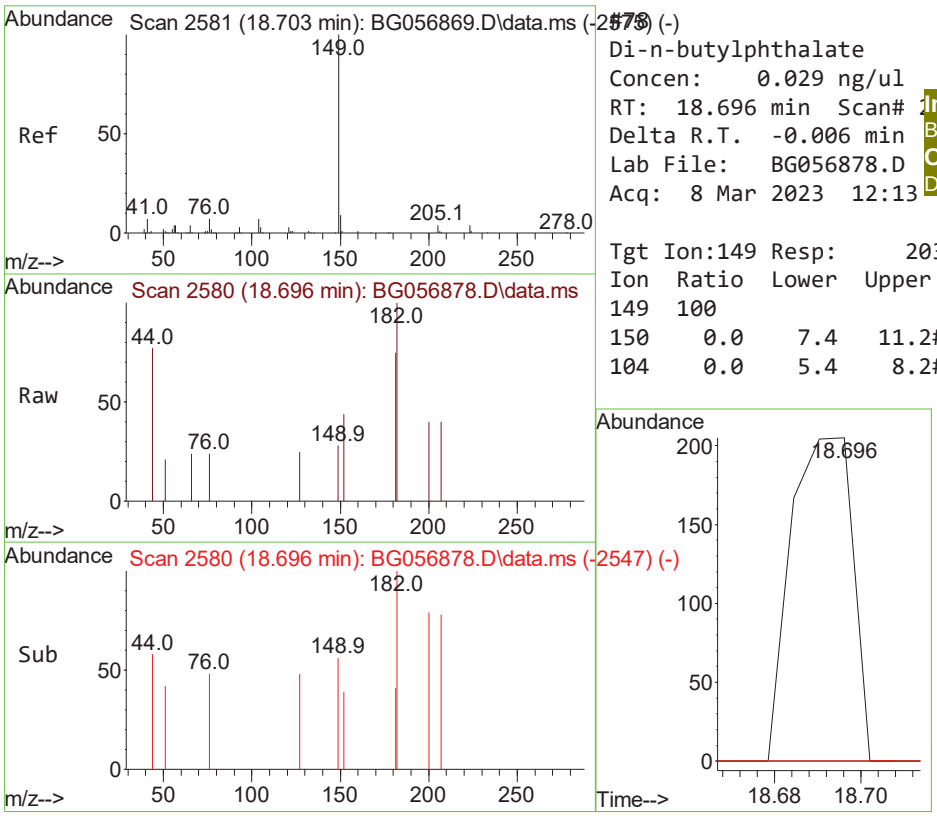


#77
Carbazole
Concen: 9.152 ng/ul
RT: 18.167 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:167 Resp: 54598

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	11.4	10.2	15.2



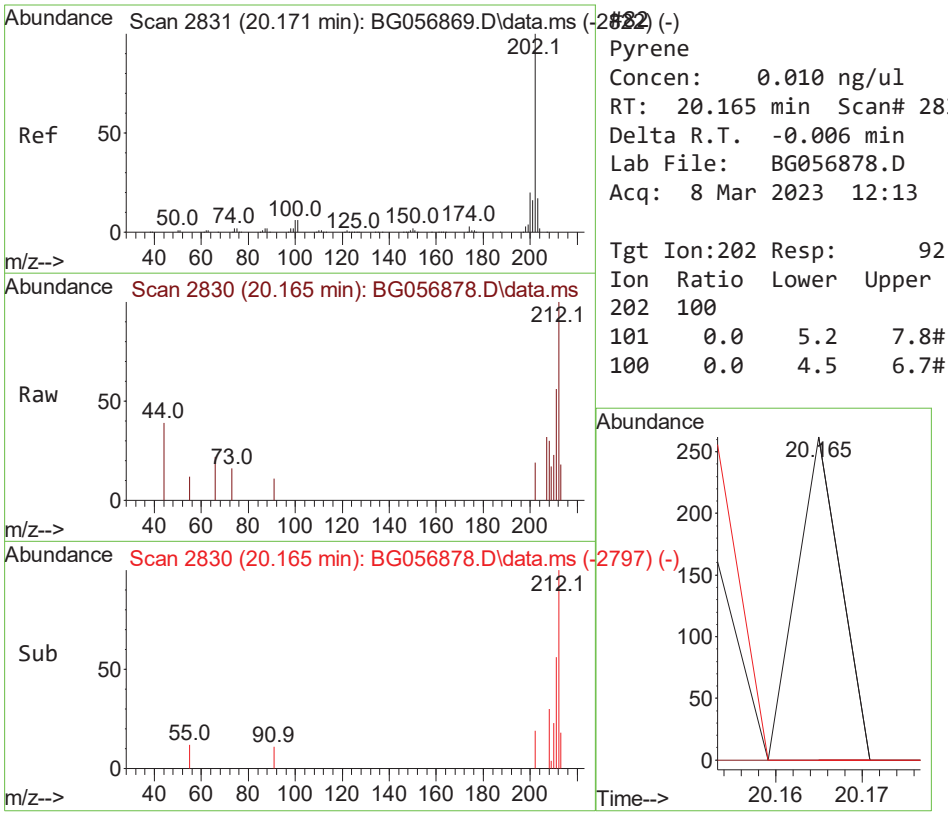


#78
Di-n-butylphthalate
Concen: 0.029 ng/ul
RT: 18.696 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:149 Resp: 203

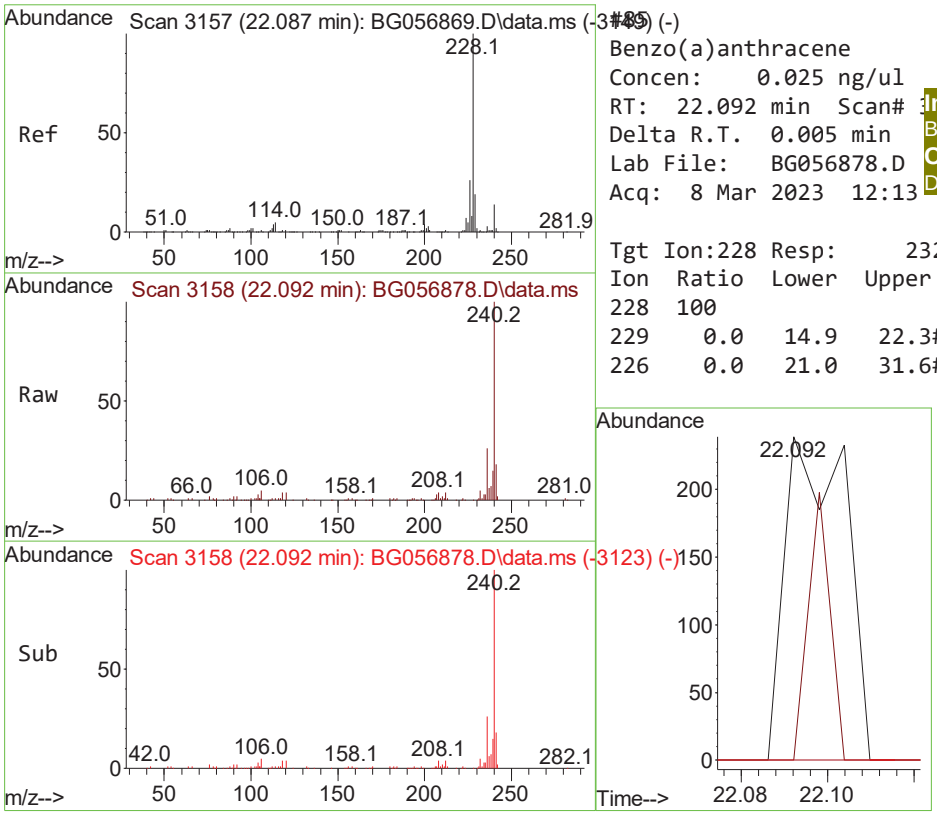
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	5.4	8.2#



#82
Pyrene
Concen: 0.010 ng/ul
RT: 20.165 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:202 Resp: 92

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.2	7.8#
100	0.0	4.5	6.7#

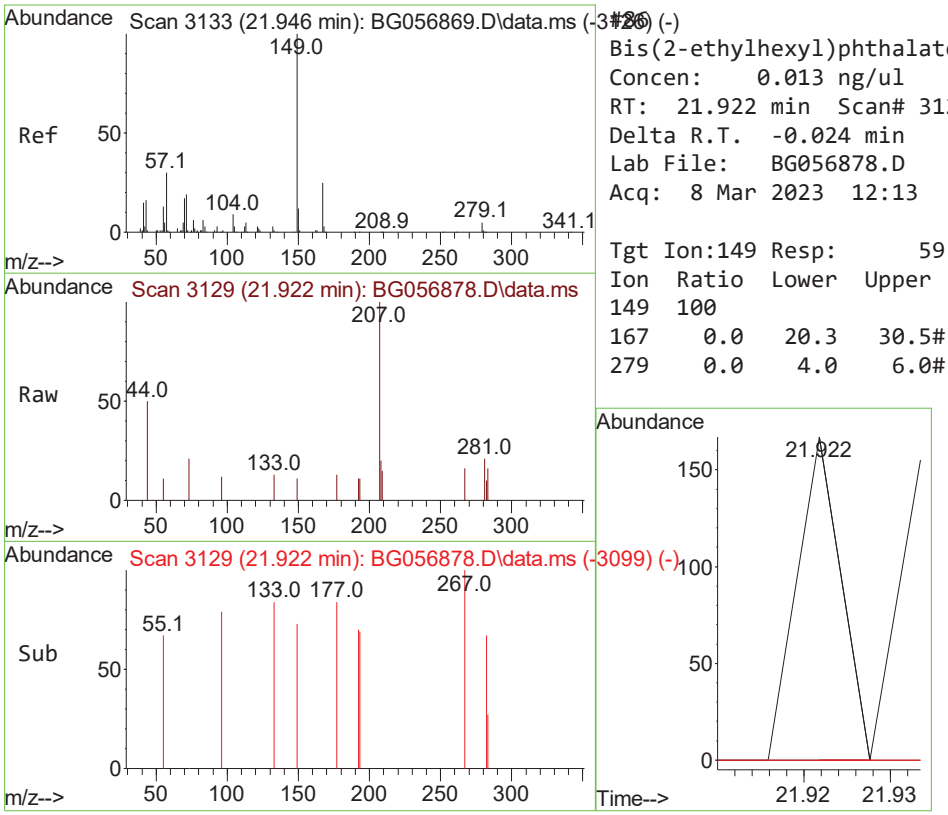


#85
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 22.092 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:228 Resp: 232

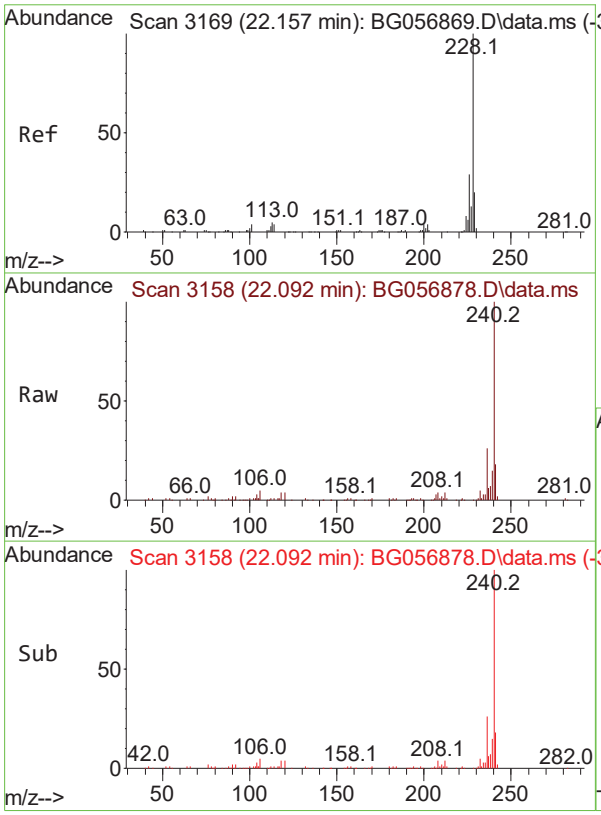
Ion	Ratio	Lower	Upper
228	100		
229	0.0	14.9	22.3#
226	0.0	21.0	31.6#



#26
Bis(2-ethylhexyl)phthalate
Concen: 0.013 ng/ul
RT: 21.922 min Scan# 3129
Delta R.T. -0.024 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:149 Resp: 59

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	0.0	4.0	6.0#

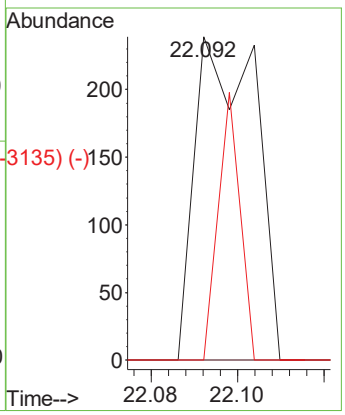


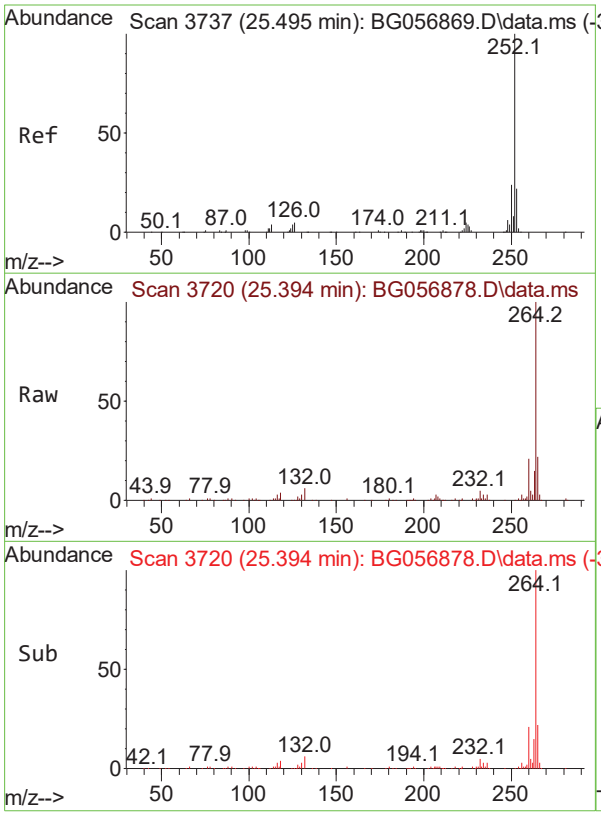
#83
Chrysene
Concen: 0.027 ng/ul
RT: 22.092 min Scan# 3
Delta R.T. -0.065 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Instrument :
BNA_G
ClientSampleId :
DCAD0

Tgt Ion:228 Resp: 232

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.3	34.9#
229	0.0	15.8	23.6#





#22
Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 25.394 min Scan# 3720
Delta R.T. -0.100 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

Tgt Ion:252 Resp: 584

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	3.4	5.0#