

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057317.D
 Acq On : 5 May 2023 13:35
 Operator : CG/JU
 Sample : 02479-07 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW948

Quant Time: May 05 23:54:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

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

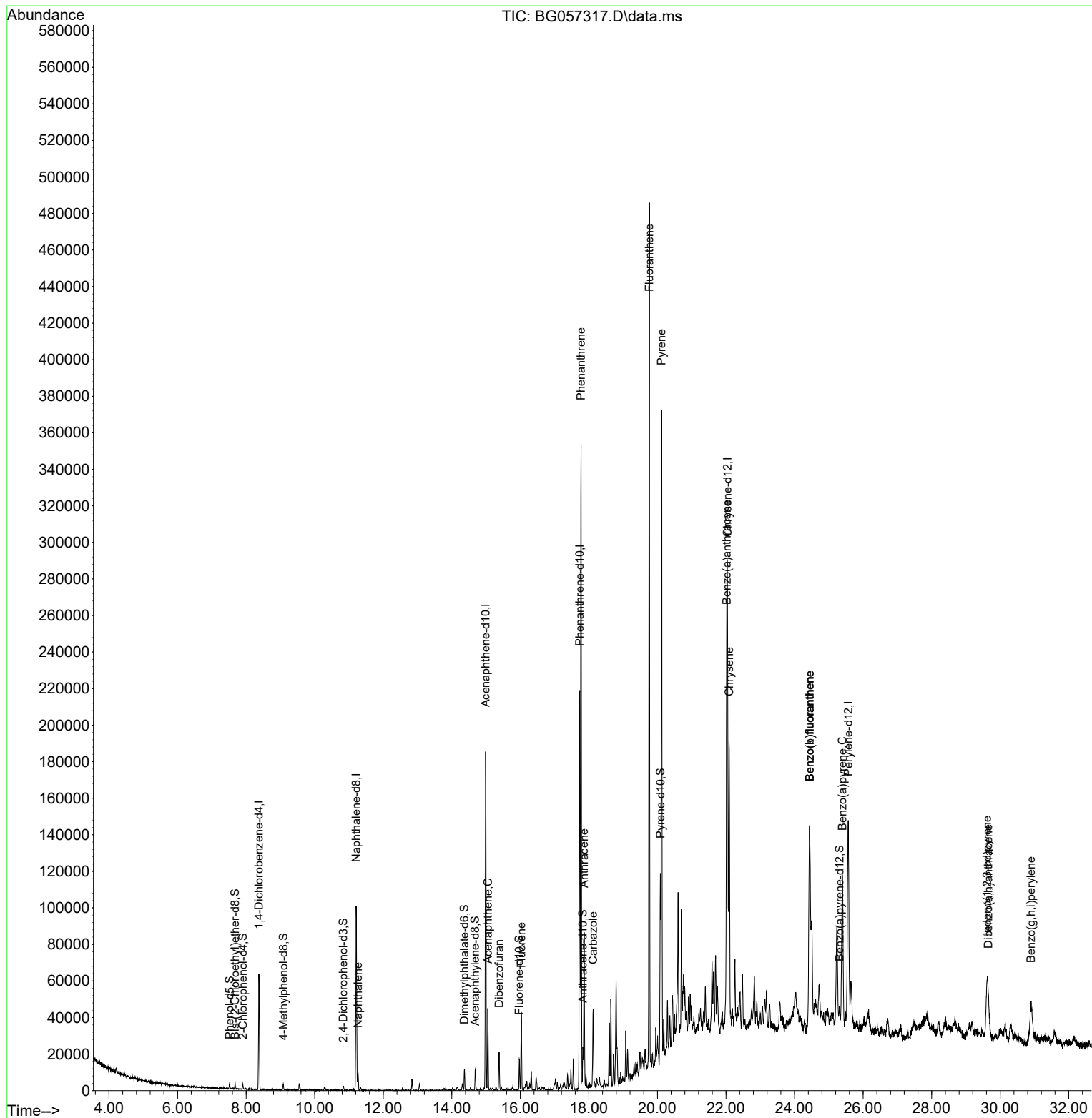
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	18144	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	81981	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.987	164	66466	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	148947	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	126025	20.000	ng/ul	# 0.00
88) Perylene-d12	25.567	264	135128	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.084	84	301	0.232	ng/ul	0.00
7) Phenol-d5	7.515	99	1945	1.134	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	1410	1.397	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	1463	1.294	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	1594	1.222	ng/ul	0.00
21) Nitrobenzene-d5	9.547	128	513	0.786	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	736	0.966	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	1656	1.127	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	1373	0.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	7612	1.445	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	9135	1.543	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.968	176	7354	1.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.824	188	11496	1.691	ng/ul	0.00
81) Pyrene-d10	20.092	212	13152	1.758	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.314	264	12463	1.810	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.263	128	8989	1.997	ng/ul	98
52) Acenaphthene	15.052	153	18831	4.394	ng/ul	98
56) Dibenzofuran	15.381	168	13753	2.222	ng/ul	90
61) Fluorene	16.027	166	20239	3.867	ng/ul	98
72) Phenanthrene	17.771	178	228092	29.407	ng/ul	99
74) Anthracene	17.860	178	58868	7.556	ng/ul	97
77) Carbazole	18.124	167	26811	4.118	ng/ul	98
80) Fluoranthene	19.763	202	307400	34.594	ng/ul	97
82) Pyrene	20.121	202	242493	26.957	ng/ul	98
85) Benzo(a)anthracene	22.019	228	129412	14.519	ng/ul	98
87) Chrysene	22.089	228	124573	14.814	ng/ul	96
90) Benzo(b)fluoranthene	24.439	252	143325	15.317	ng/ul	96
91) Benzo(k)fluoranthene	24.439	252	143325	15.744	ng/ul	99
93) Benzo(a)pyrene	25.396	252	104157	12.893	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.614	276	31618	3.131	ng/ul	97
95) Dibenzo(a,h)anthracene	29.649	278	16748	2.000	ng/ul#	82
96) Benzo(g,h,i)perylene	30.895	276	31421	3.845	ng/ul#	95

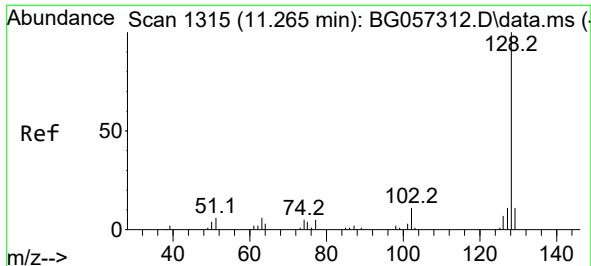
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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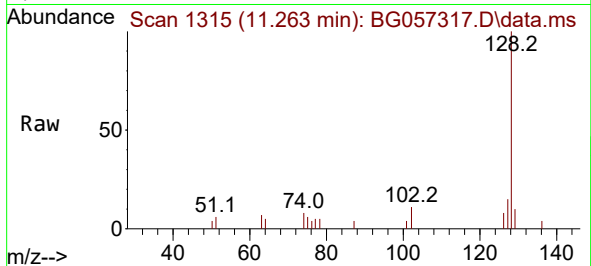
Quant Time: May 05 23:54:36 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
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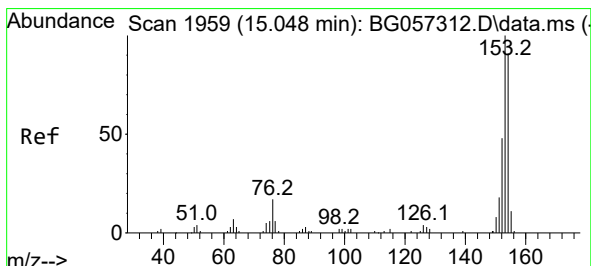
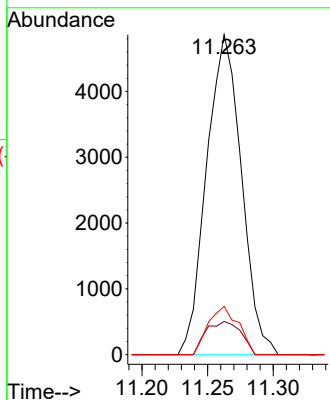
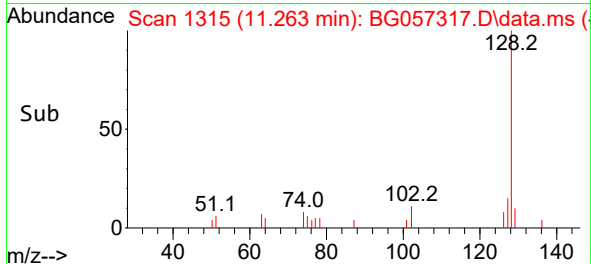
#30
Naphthalene
Concen: 1.997 ng/ul
RT: 11.263 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

Instrument :
BNA_G
ClientSampleId :
EW948

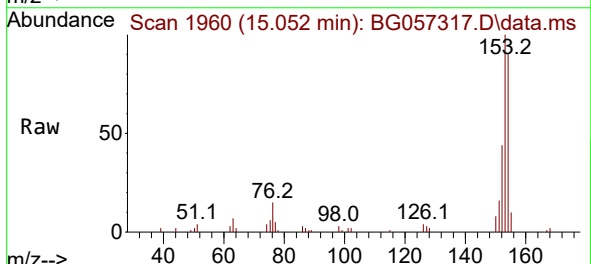


Tgt Ion:128 Resp: 8989

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	15.1	11.4	17.0

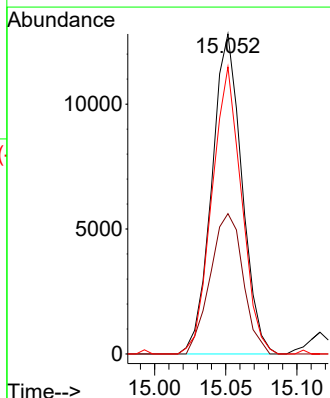
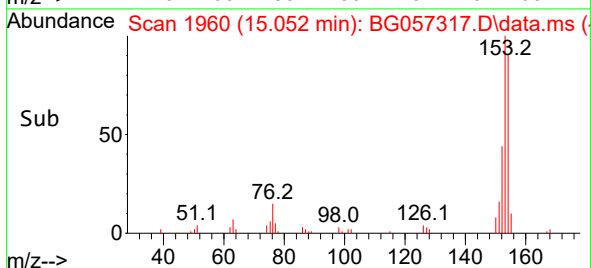


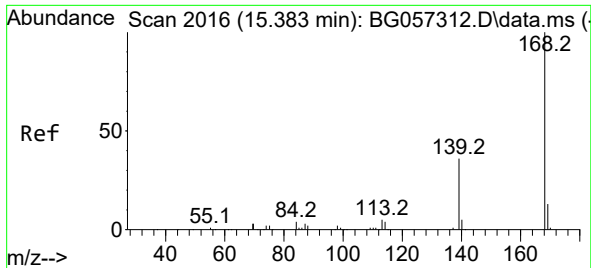
#52
Acenaphthene
Concen: 4.394 ng/ul
RT: 15.052 min Scan# 1960
Delta R.T. 0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35



Tgt Ion:153 Resp: 18831

Ion	Ratio	Lower	Upper
153	100		
152	43.9	36.5	54.7
154	89.7	70.6	106.0

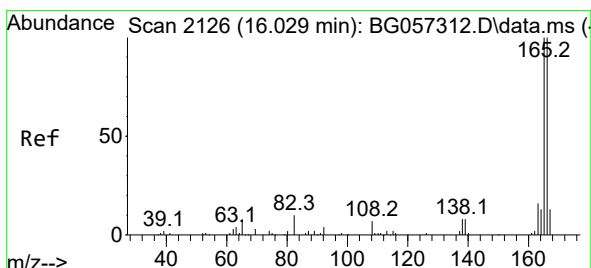
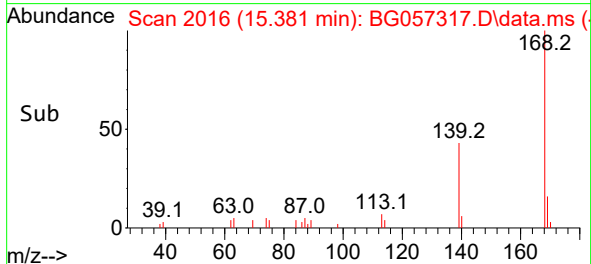
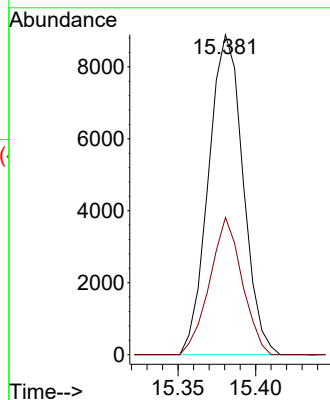
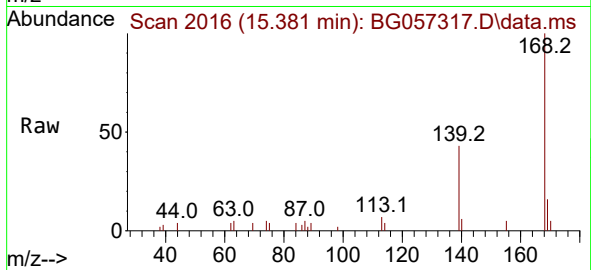




#56
Dibenzenofuran
Concen: 2.222 ng/ul
RT: 15.381 min Scan# 2016
Delta R.T. -0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

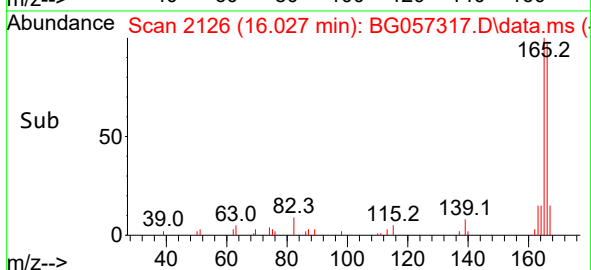
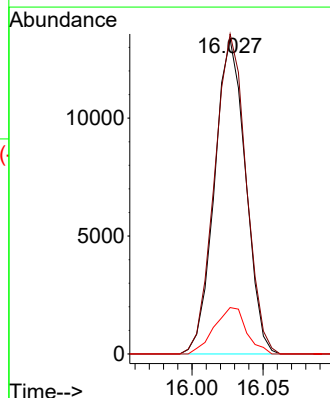
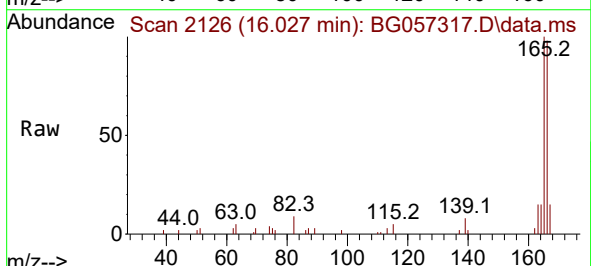
Instrument :
BNA_G
ClientSampleId :
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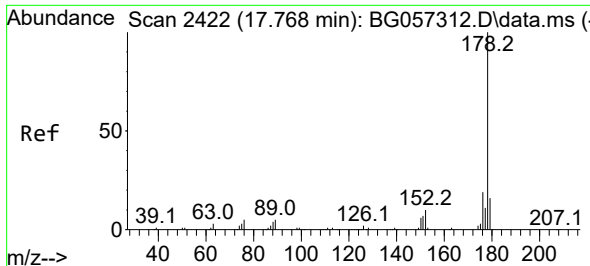
Tgt Ion:168 Resp: 13753
Ion Ratio Lower Upper
168 100
139 42.9 29.6 44.4



#61
Fluorene
Concen: 3.867 ng/ul
RT: 16.027 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

Tgt Ion:166 Resp: 20239
Ion Ratio Lower Upper
166 100
165 101.7 80.1 120.1
167 14.7 10.2 15.4

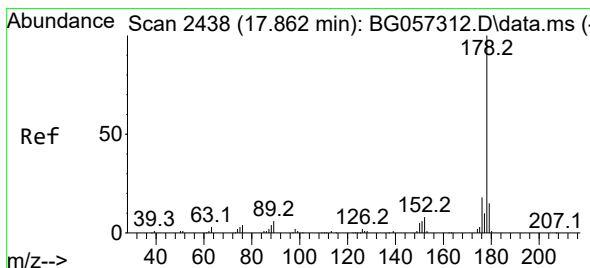
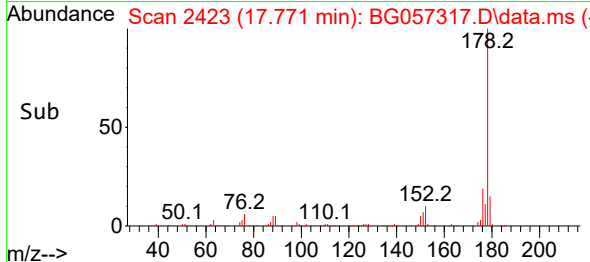
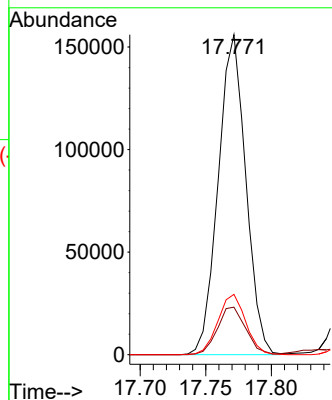
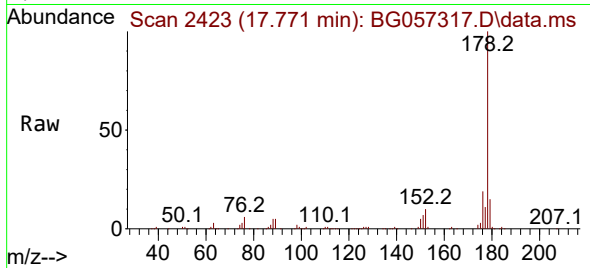




#72
Phenanthrene
Concen: 29.407 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

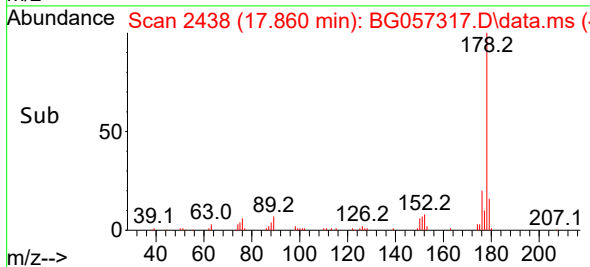
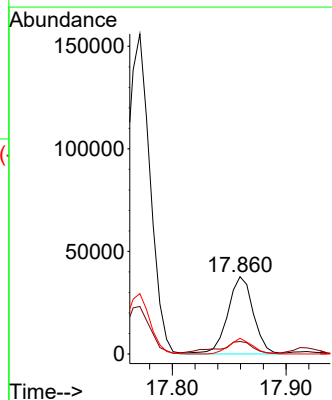
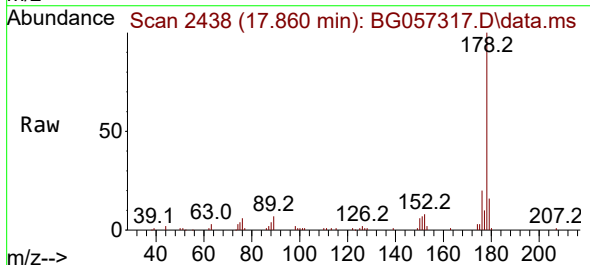
Instrument :
BNA_G
ClientSampleId :
EW948

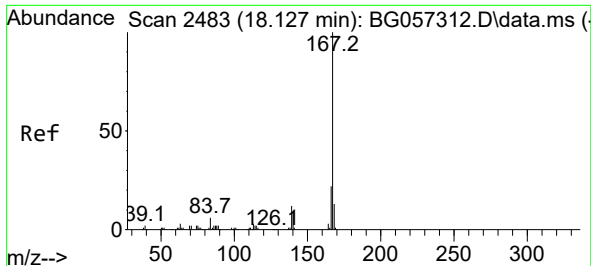
Tgt Ion:178 Resp: 228092
Ion Ratio Lower Upper
178 100
179 14.9 11.8 17.8
176 18.9 15.4 23.0



#74
Anthracene
Concen: 7.556 ng/ul
RT: 17.860 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

Tgt Ion:178 Resp: 58868
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 20.3 14.7 22.1

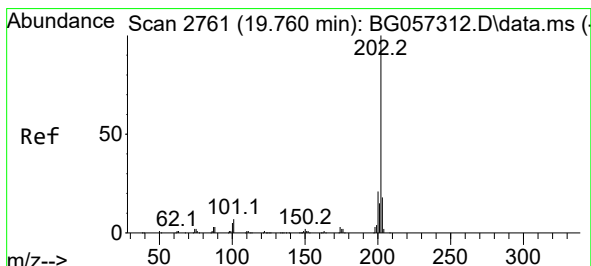
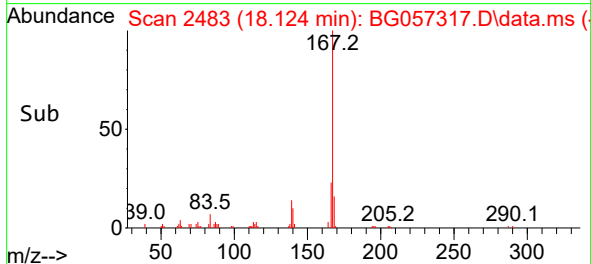
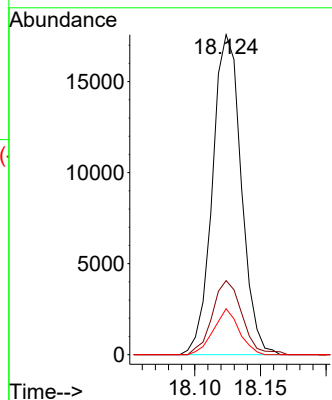
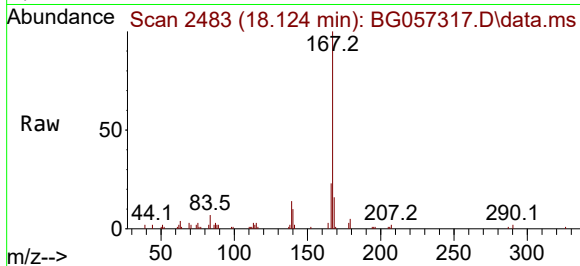




#77
 Carbazole
 Concen: 4.118 ng/ul
 RT: 18.124 min Scan# 2483
 Delta R.T. -0.003 min
 Lab File: BG057317.D
 Acq: 5 May 2023 13:35

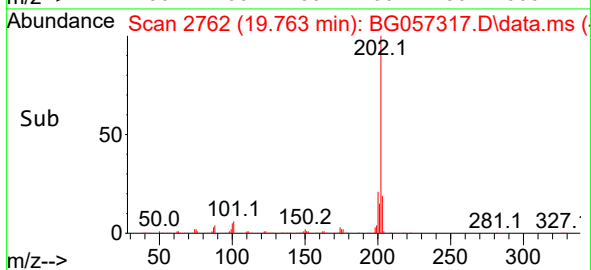
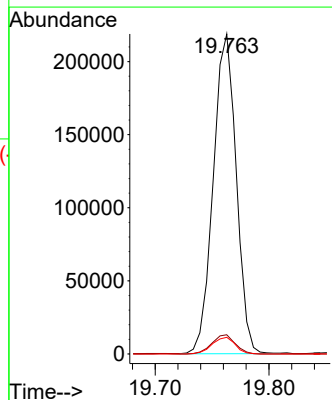
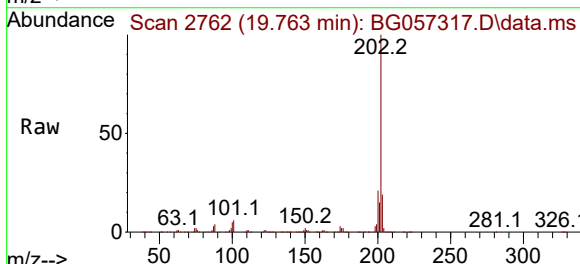
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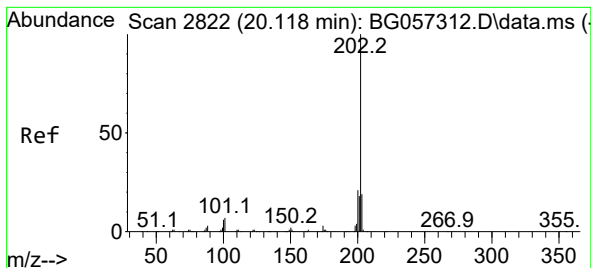
Tgt Ion:167 Resp: 26811
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.3 10.3 15.5



#80
 Fluoranthene
 Concen: 34.594 ng/ul
 RT: 19.763 min Scan# 2762
 Delta R.T. 0.003 min
 Lab File: BG057317.D
 Acq: 5 May 2023 13:35

Tgt Ion:202 Resp: 307400
 Ion Ratio Lower Upper
 202 100
 101 6.0 5.8 8.6
 100 5.2 4.6 7.0





#82

Pyrene

Concen: 26.957 ng/ul

RT: 20.121 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057317.D

Acq: 5 May 2023 13:35

Instrument :

BNA_G

ClientSampleId :

EW948

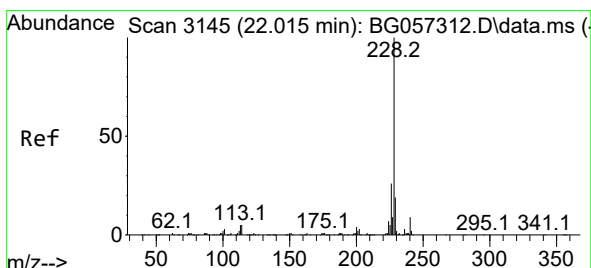
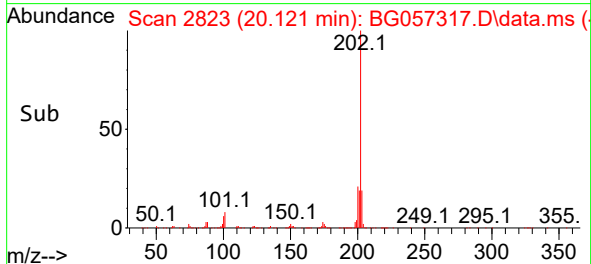
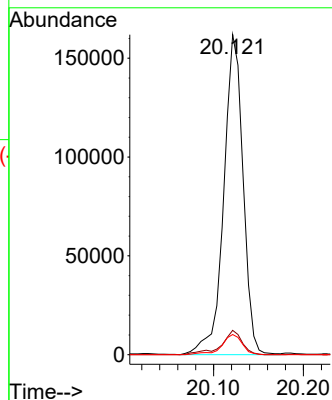
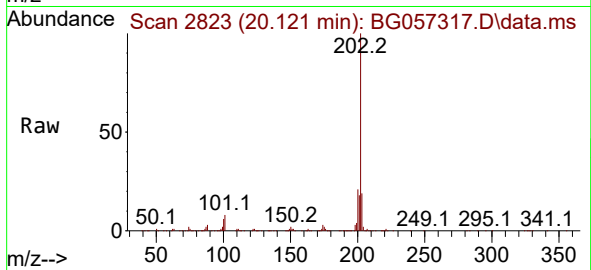
Tgt Ion:202 Resp: 242493

Ion Ratio Lower Upper

202 100

101 7.6 5.7 8.5

100 6.3 6.0 9.0



#85

Benzo(a)anthracene

Concen: 14.519 ng/ul

RT: 22.019 min Scan# 3146

Delta R.T. 0.003 min

Lab File: BG057317.D

Acq: 5 May 2023 13:35

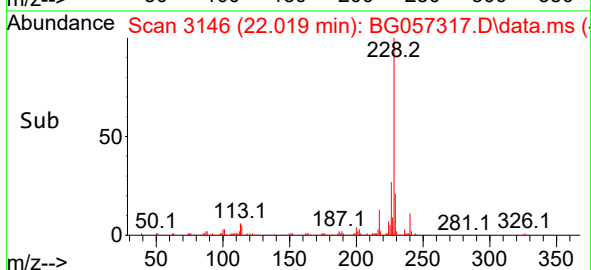
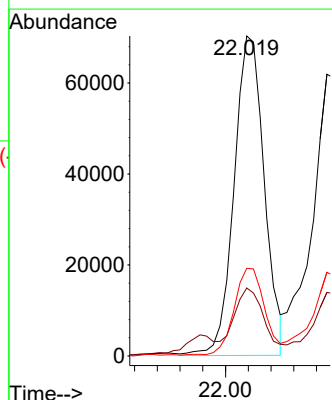
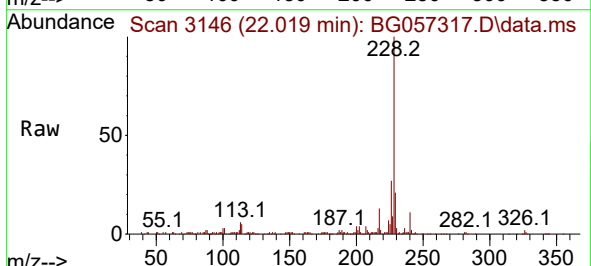
Tgt Ion:228 Resp: 129412

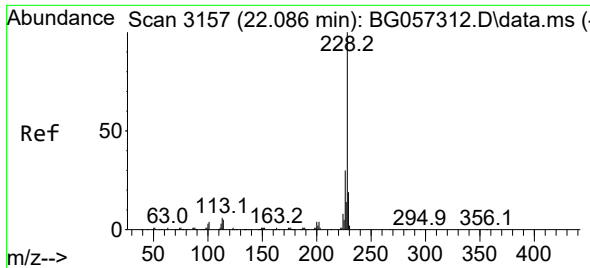
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

226 27.4 21.7 32.5





#87

Chrysene

Concen: 14.814 ng/ul

RT: 22.089 min Scan# 3157

Delta R.T. 0.003 min

Lab File: BG057317.D

Acq: 5 May 2023 13:35

Instrument :

BNA_G

ClientSampleId :

EW948

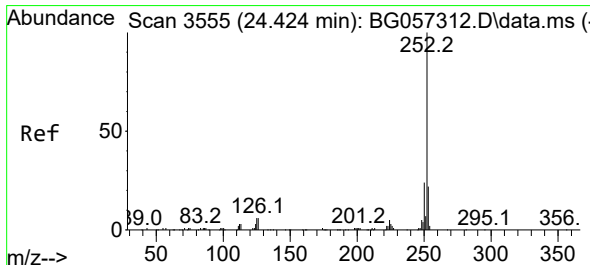
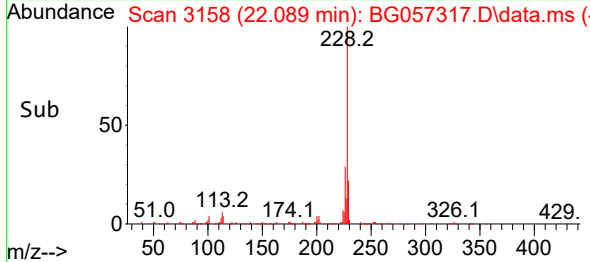
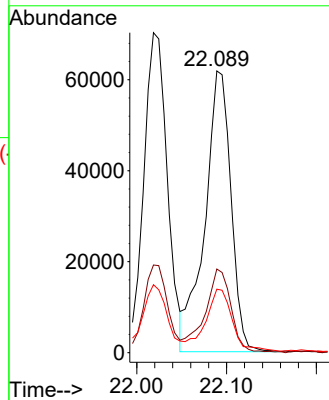
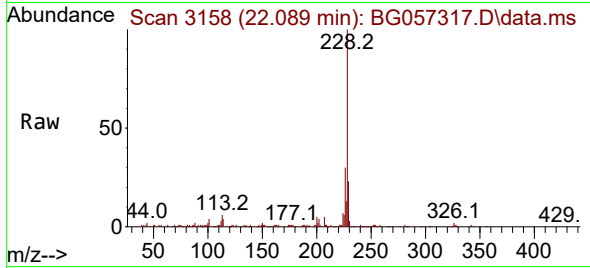
Tgt Ion:228 Resp: 124573

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

229 22.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 15.317 ng/ul

RT: 24.439 min Scan# 3558

Delta R.T. 0.015 min

Lab File: BG057317.D

Acq: 5 May 2023 13:35

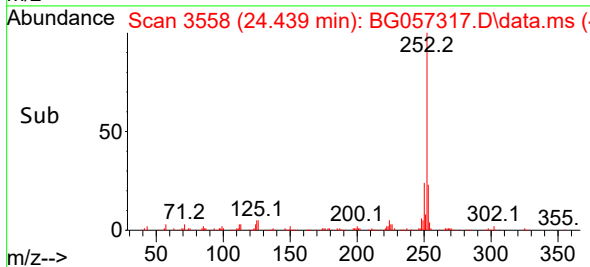
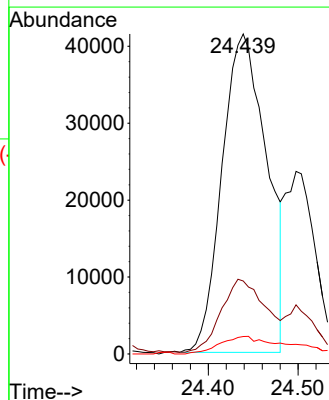
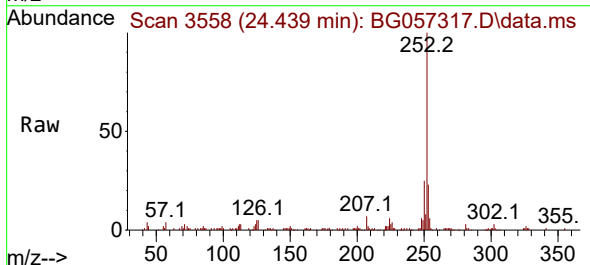
Tgt Ion:252 Resp: 143325

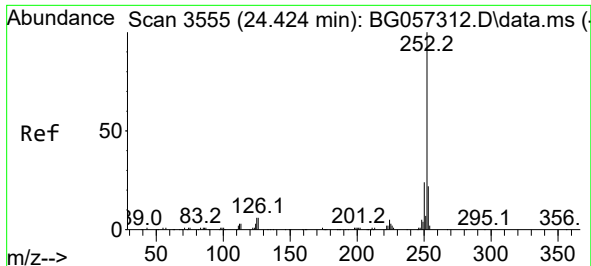
Ion Ratio Lower Upper

252 100

253 22.8 16.7 25.1

125 5.5 4.8 7.2

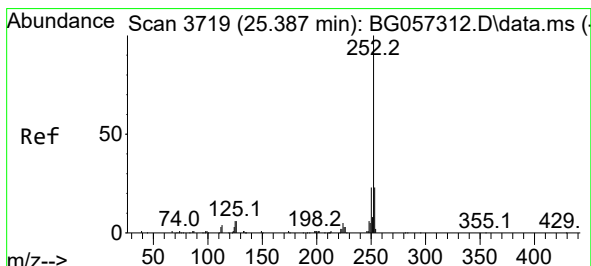
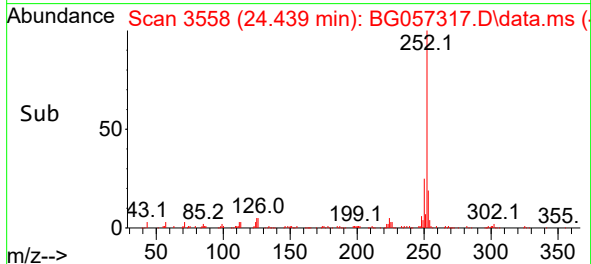
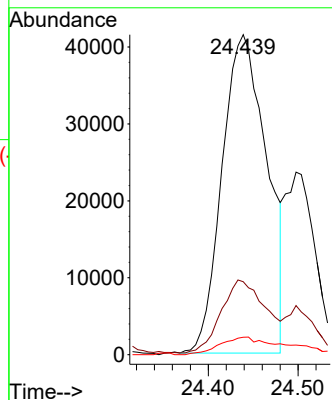
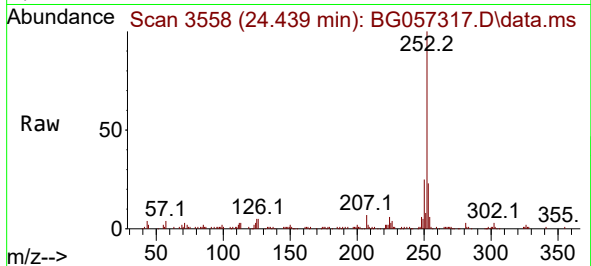




#91
Benzo(k)fluoranthene
Concen: 15.744 ng/ul
RT: 24.439 min Scan# 31
Delta R.T. -0.056 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

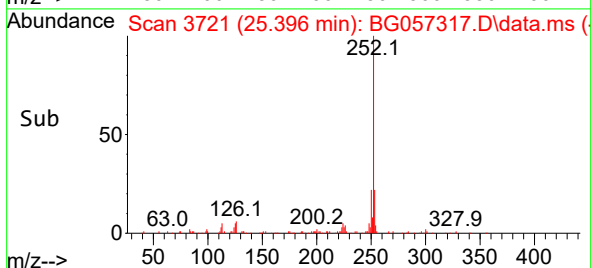
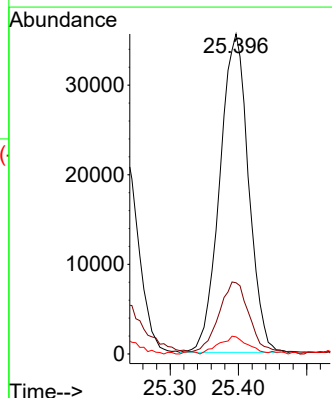
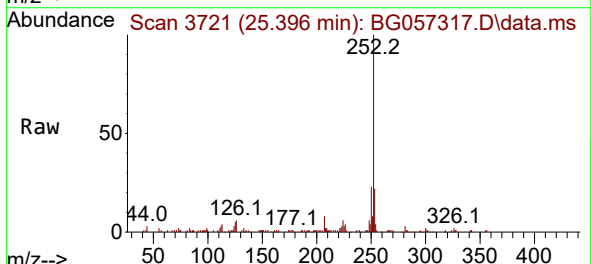
Instrument :
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ClientSampleId :
EW948

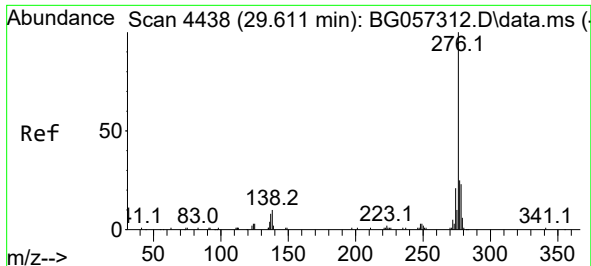
Tgt Ion:252 Resp: 143325
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 5.5 4.5 6.7



#93
Benzo(a)pyrene
Concen: 12.893 ng/ul
RT: 25.396 min Scan# 3721
Delta R.T. 0.009 min
Lab File: BG057317.D
Acq: 5 May 2023 13:35

Tgt Ion:252 Resp: 104157
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 5.4 5.1 7.7

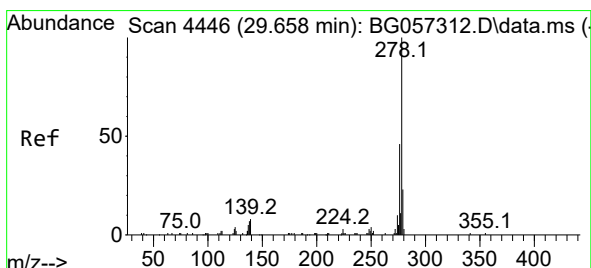
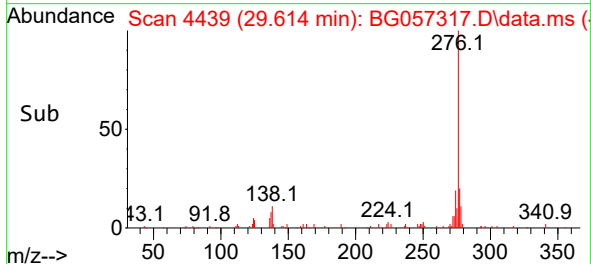
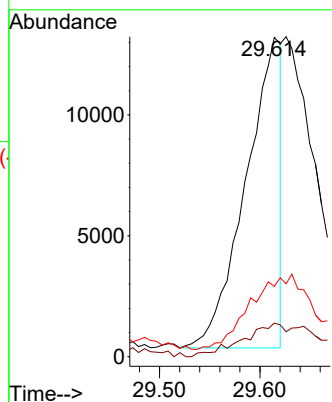
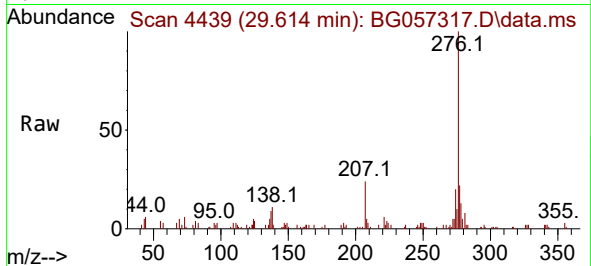




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.131 ng/ul
 RT: 29.614 min Scan# 4438
 Delta R.T. 0.003 min
 Lab File: BG057317.D
 Acq: 5 May 2023 13:35

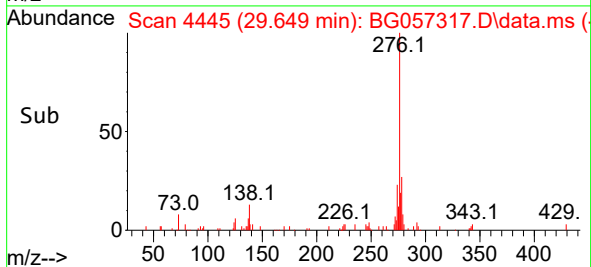
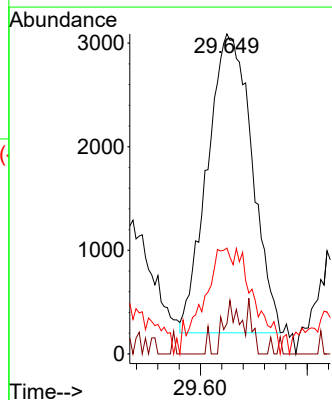
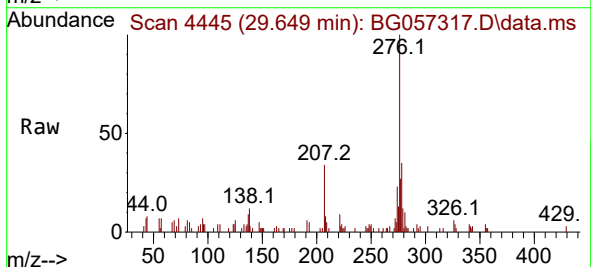
Instrument :
 BNA_G
 ClientSampleId :
 EW948

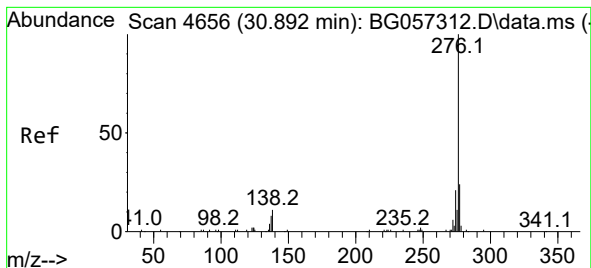
Tgt Ion:276 Resp: 31618
 Ion Ratio Lower Upper
 276 100
 138 10.5 9.4 14.2
 277 22.0 18.6 28.0



#95
 Dibenzo(a,h)anthracene
 Concen: 2.000 ng/ul
 RT: 29.649 min Scan# 4445
 Delta R.T. -0.009 min
 Lab File: BG057317.D
 Acq: 5 May 2023 13:35

Tgt Ion:278 Resp: 16748
 Ion Ratio Lower Upper
 278 100
 139 9.5 5.8 8.6#
 279 33.1 18.3 27.5#





#96

Benzo(g,h,i)perylene

Concen: 3.845 ng/ul

RT: 30.895 min Scan# 4

Delta R.T. 0.003 min

Lab File: BG057317.D

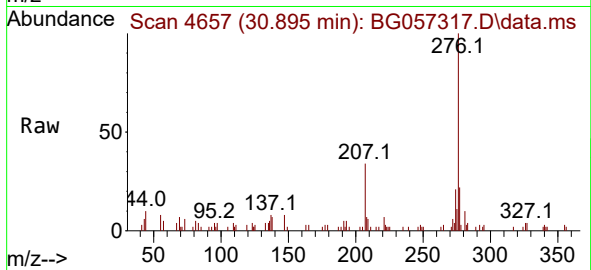
Acq: 5 May 2023 13:35

Instrument :

BNA_G

ClientSampleId :

EW948



Tgt Ion:276 Resp: 31421

Ion Ratio Lower Upper

276 100

138 7.4 8.7 13.1#

277 21.7 18.4 27.6

