

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054659.D
 Acq On : 19 Aug 2022 9:49
 Operator : CG/JU
 Sample : PB146666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:44:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 03:22:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	41455	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	169081	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.794	164	108899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.538	188	242338	20.000	ng/ul	0.00
79) Chrysene-d12	21.833	240	233292	20.000	ng/ul	0.00
88) Perylene-d12	25.217	264	233193	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.513	96	6032	5.756	ng/uL	0.00
4) Pyridine-d5	3.936	84	70792	22.667	ng/ul	0.00
7) Phenol-d5	7.297	99	97340	27.617	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.479	67	63560	28.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.685	132	70966	28.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.854	113	76668	28.795	ng/ul	0.00
21) Nitrobenzene-d5	9.330	128	34177	32.202	ng/ul	0.00
24) 2-Nitrophenol-d4	10.058	143	26361	27.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	69769	28.008	ng/ul	0.00
31) 4-Chloroaniline-d4	11.116	131	84380	23.596	ng/ul	0.00
46) Dimethylphthalate-d6	14.189	166	242721	32.438	ng/ul	0.00
49) Acenaphthylene-d8	14.488	160	296312	33.074	ng/ul	0.00
54) 4-Nitrophenol-d4	14.958	143	30252	25.583	ng/ul	0.00
60) Fluorene-d10	15.781	176	215038	31.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	18626	22.569	ng/ul	0.00
73) Anthracene-d10	17.638	188	350201	33.224	ng/ul	0.00
81) Pyrene-d10	19.917	212	401569	33.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.982	264	386678	33.767	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.460	88	62	0.052	ng/ul#	19
14) 2,2'-oxybis(1-Chloropr...	8.854	45	447	0.096	ng/ul#	72
17) N-Nitroso-di-n-propyla...	8.854	70	1698	0.752	ng/ul#	1
23) Isophorone	10.058	82	1811	0.300	ng/ul#	67
47) Dimethylphthalate	14.236	163	223	0.030	ng/ul#	76
48) 2,6-Dinitrotoluene	14.201	165	491	0.415	ng/ul#	35
50) Acenaphthylene	14.512	152	223	0.022	ng/ul#	60
52) Acenaphthene	14.859	153	128	0.019	ng/ul#	69
56) Dibenzofuran	15.188	168	228	0.025	ng/ul#	38
59) Diethylphthalate	15.593	149	310	0.041	ng/ul#	58
61) Fluorene	15.834	166	155	0.021	ng/ul#	69
72) Phenanthrene	17.579	178	458	0.038	ng/ul#	59
74) Anthracene	17.667	178	464	0.038	ng/ul#	59
77) Carbazole	17.937	167	194	0.018	ng/ul#	59
78) Di-n-butylphthalate	18.484	149	442	0.035	ng/ul#	77
80) Fluoranthene	19.582	202	552	0.036	ng/ul#	75
82) Pyrene	19.947	202	653	0.043	ng/ul#	70
83) Butylbenzylphthalate	20.828	149	130	0.025	ng/ul#	90
85) Benzo(a)anthracene	21.809	228	382	0.026	ng/ul#	51
86) Bis(2-ethylhexyl)phtha...	21.709	149	302	0.039	ng/ul#	53
87) Chrysene	21.880	228	530	0.038	ng/ul#	49
89) Di-n-octyl phthalate	23.002	149	165	0.013	ng/ul	100
90) Benzo(b)fluoranthene	24.130	252	476	0.032	ng/ul#	60
91) Benzo(k)fluoranthene	24.201	252	612	0.045	ng/ul#	59

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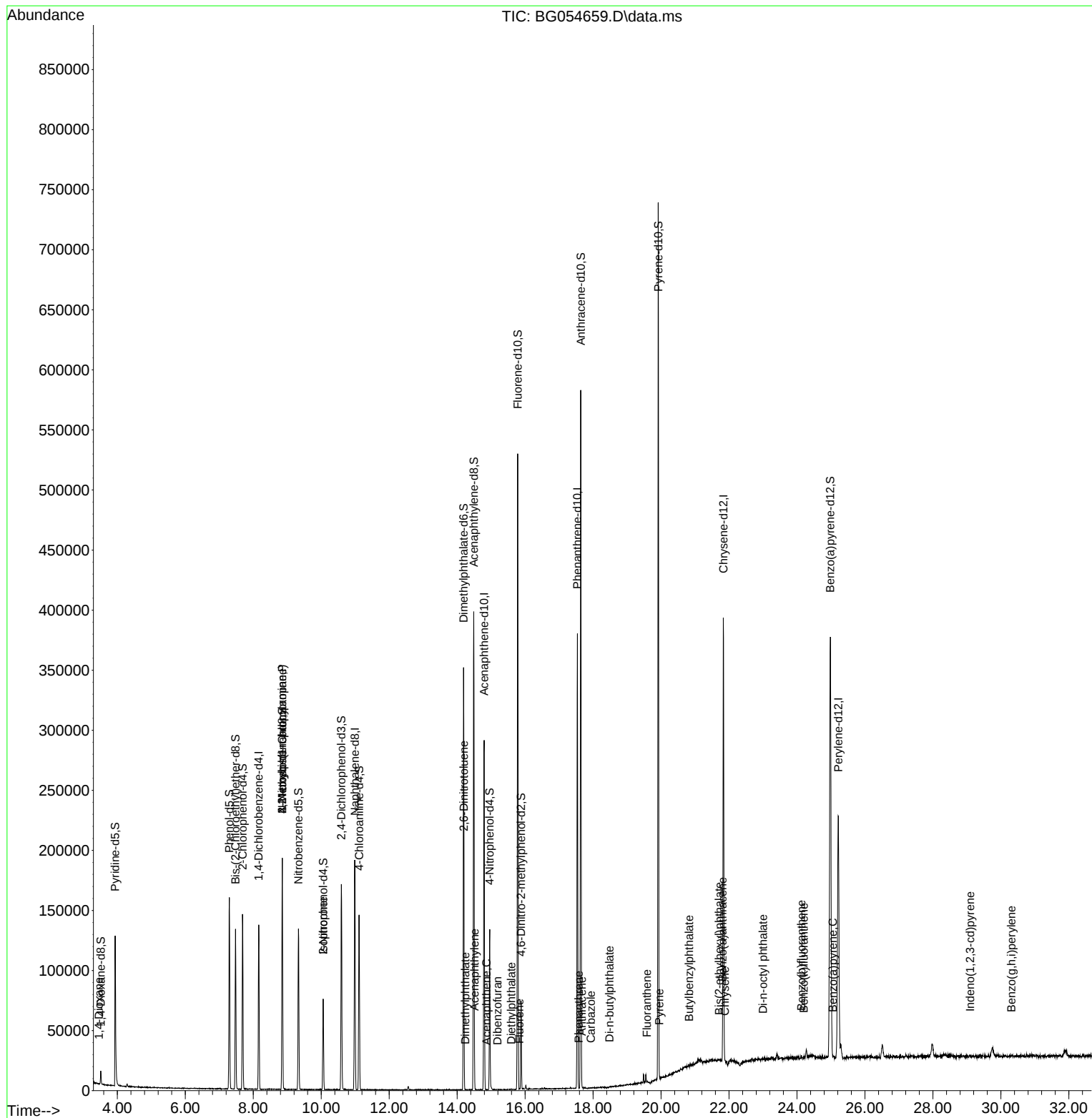
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	25.058	252	307	0.022	ng/ul#	60
94) Indeno(1,2,3-cd)pyrene	29.101	276	113	0.007	ng/ul#	56
96) Benzo(g,h,i)perylene	30.311	276	82	0.006	ng/ul#	54

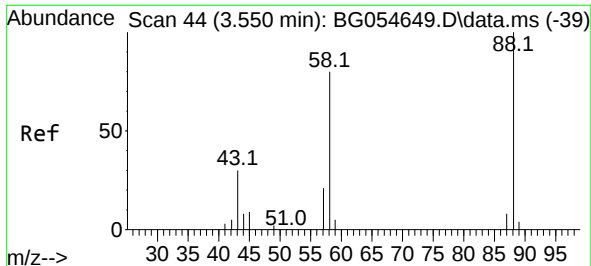
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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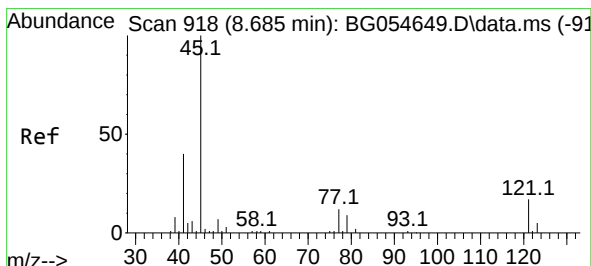
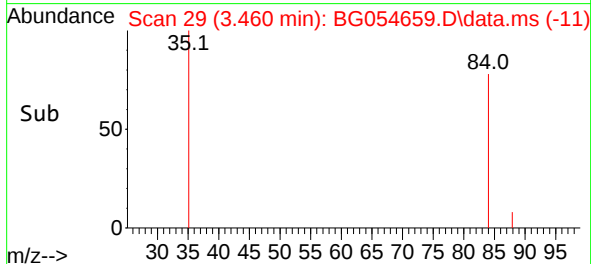
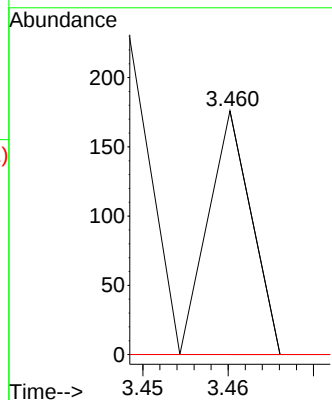
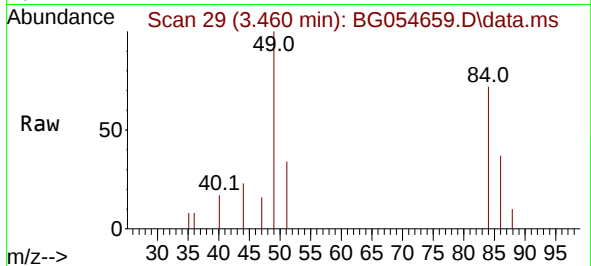




#2
 1,4-Dioxane
 Concen: 0.052 ng/uL
 RT: 3.460 min Scan# 24
 Delta R.T. -0.092 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

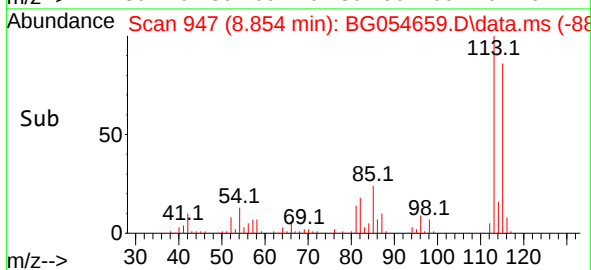
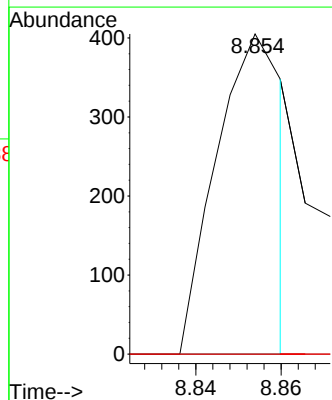
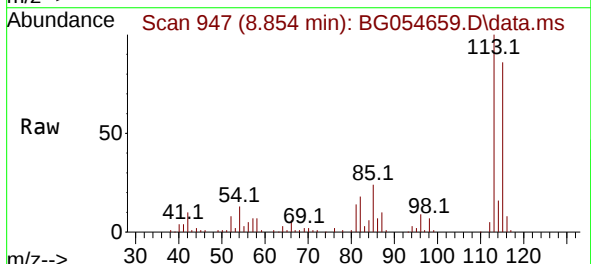
Instrument :
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 ClientSampleId :

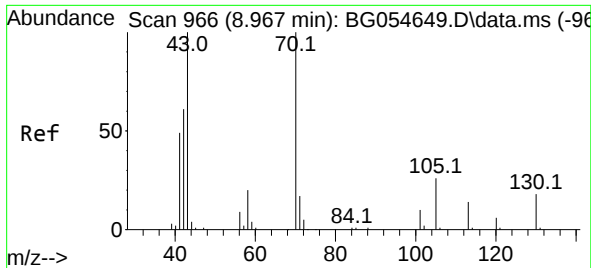
Tgt Ion: 88 Resp: 62
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.3 42.5#
 58 0.0 63.4 95.2#



#14
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.096 ng/uL
 RT: 8.854 min Scan# 947
 Delta R.T. 0.166 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

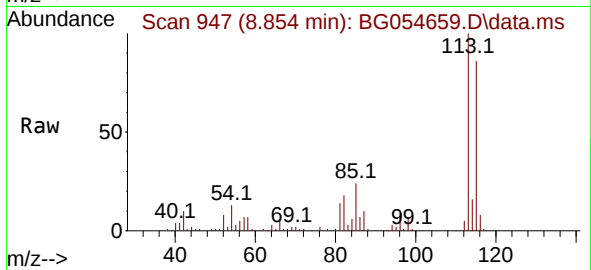
Tgt Ion: 45 Resp: 447
 Ion Ratio Lower Upper
 45 100
 77 0.0 9.9 14.9#
 79 0.0 6.6 9.8#



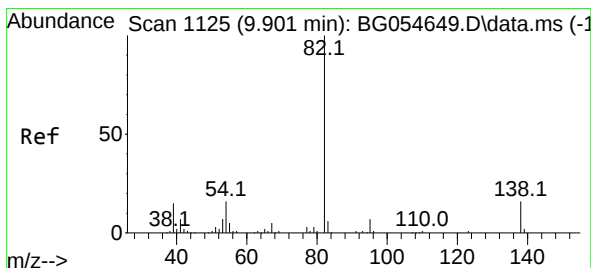
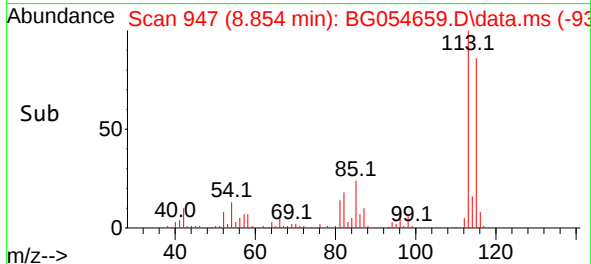
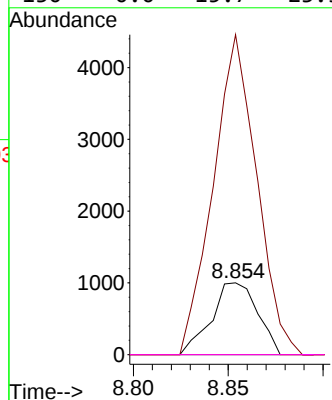


#17
N-Nitroso-di-n-propylamine
Concen: 0.752 ng/ul
RT: 8.854 min Scan# 947
Delta R.T. -0.116 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

Instrument :
BNA_G
ClientSampleId :

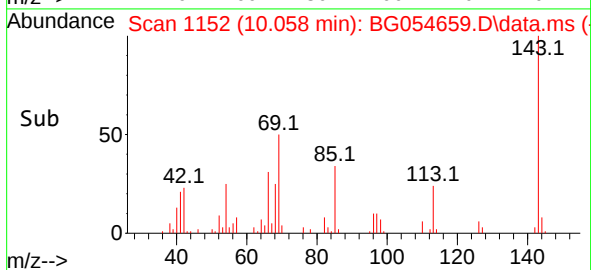
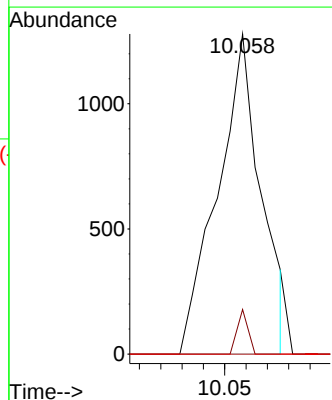
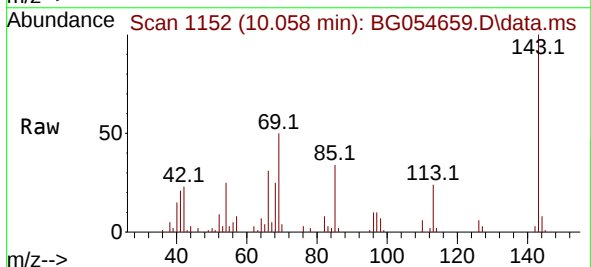


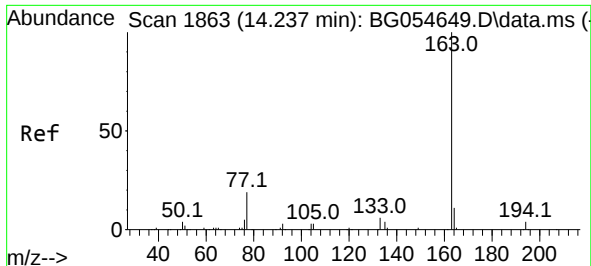
Tgt Ion	Ratio	Lower	Upper
70	100		
42	445.5	49.6	74.4#
101	0.0	6.6	10.0#
130	0.0	15.7	23.5#



#23
Isophorone
Concen: 0.300 ng/ul
RT: 10.058 min Scan# 1152
Delta R.T. 0.155 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	13.9	5.4	8.0#
138	0.0	13.2	19.8#





#47

Dimethylphthalate

Concen: 0.030 ng/ul

RT: 14.236 min Scan# 1863

Delta R.T. -0.004 min

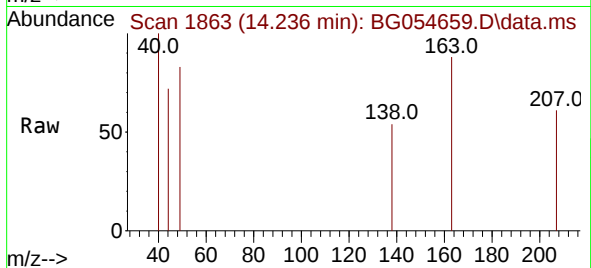
Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Instrument :

BNA_G

ClientSampleId :



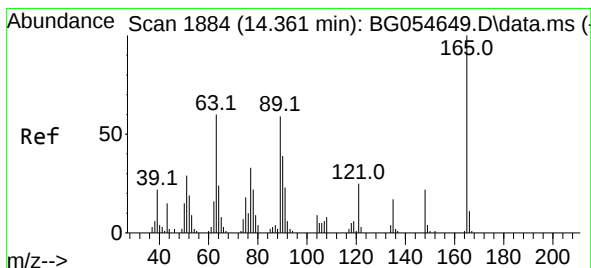
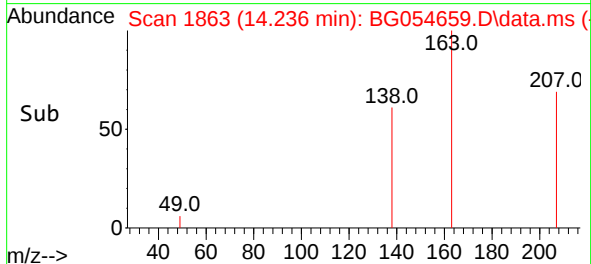
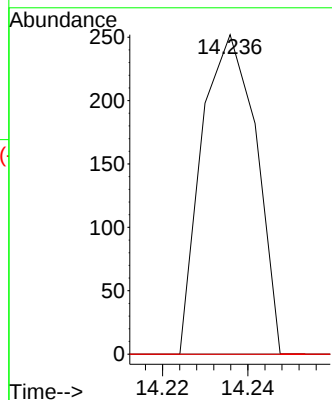
Tgt Ion:163 Resp: 223

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 8.7 13.1#



#48

2,6-Dinitrotoluene

Concen: 0.415 ng/ul

RT: 14.201 min Scan# 1857

Delta R.T. -0.163 min

Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

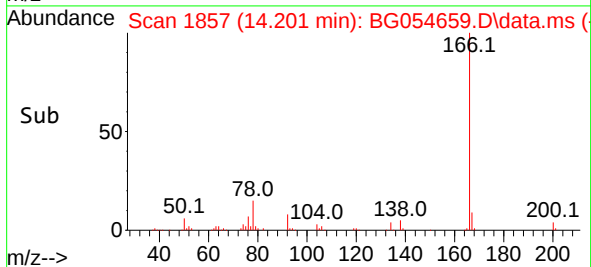
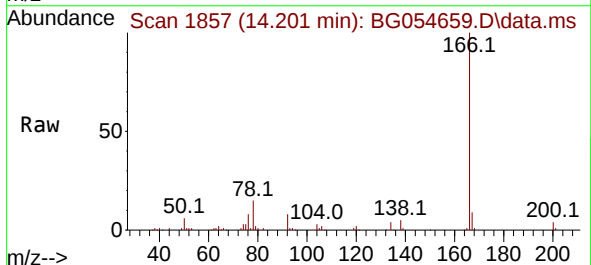
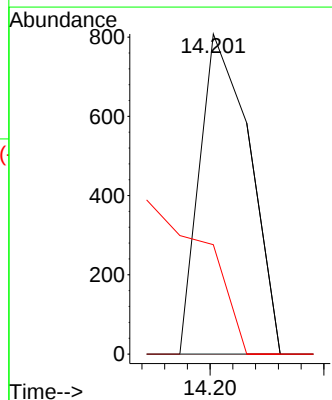
Tgt Ion:165 Resp: 491

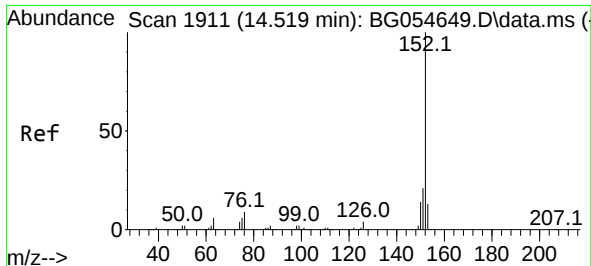
Ion Ratio Lower Upper

165 100

89 0.0 48.7 73.1#

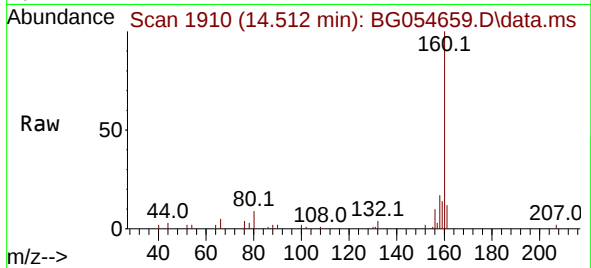
121 34.2 18.2 27.2#



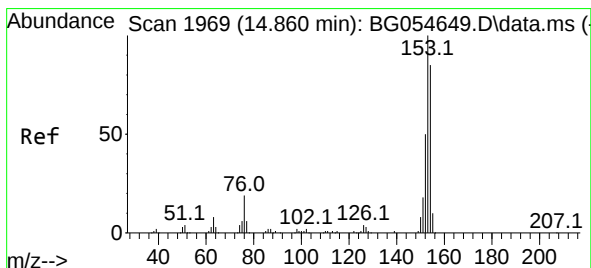
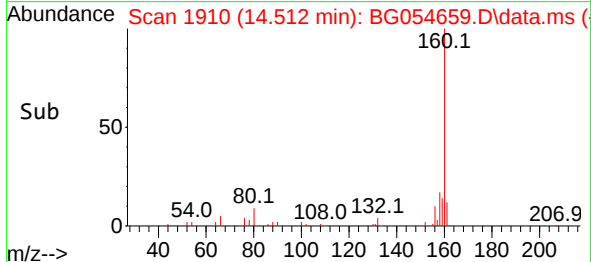
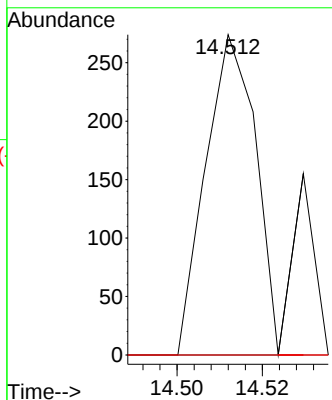


#50
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.512 min Scan# 1911
Delta R.T. -0.010 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

Instrument :
BNA_G
ClientSampleId :

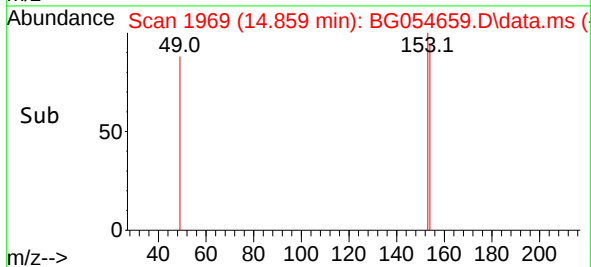
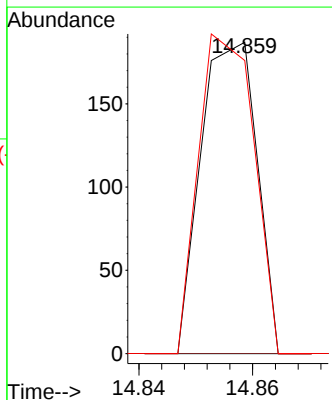
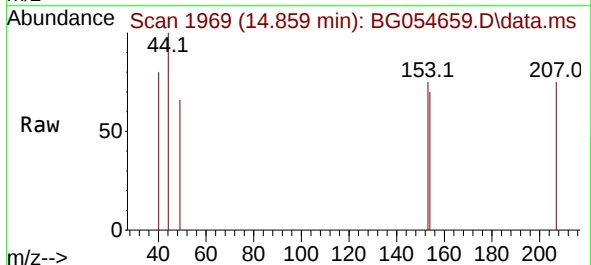


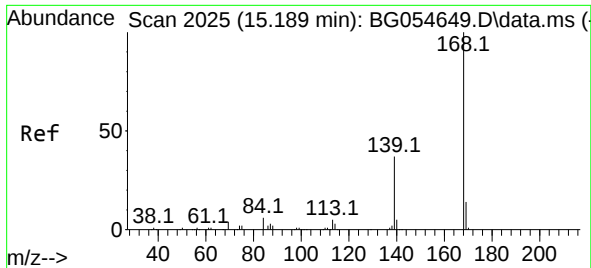
Tgt Ion:152 Resp: 223
Ion Ratio Lower Upper
152 100
151 0.0 16.9 25.3#
153 0.0 10.5 15.7#



#52
Acenaphthene
Concen: 0.019 ng/ul
RT: 14.859 min Scan# 1969
Delta R.T. 0.002 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

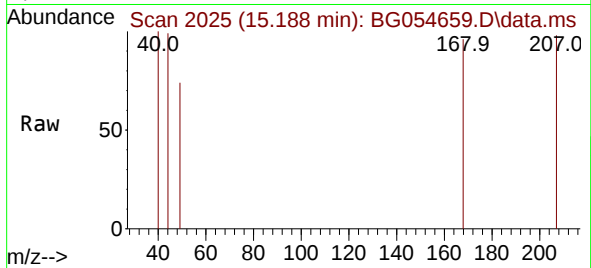
Tgt Ion:153 Resp: 128
Ion Ratio Lower Upper
153 100
152 0.0 36.9 55.3#
154 94.1 68.2 102.2



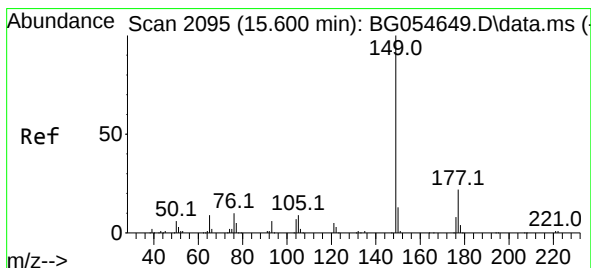
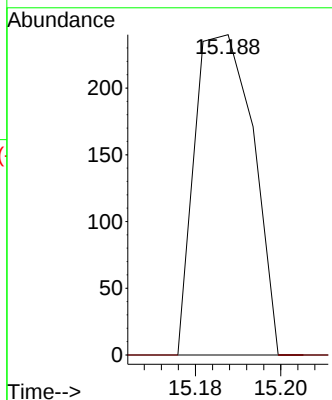


#56
 Dibenzenofuran
 Concen: 0.025 ng/ul
 RT: 15.188 min Scan# 2025
 Delta R.T. -0.004 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

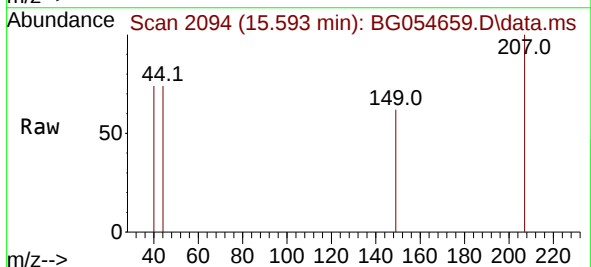
Instrument :
 BNA_G
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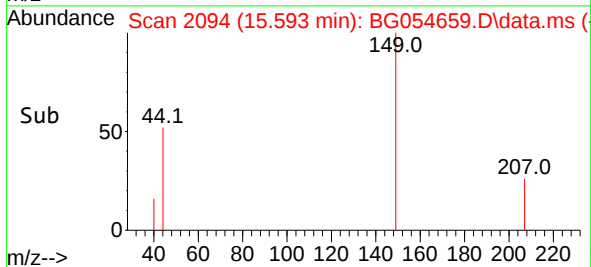
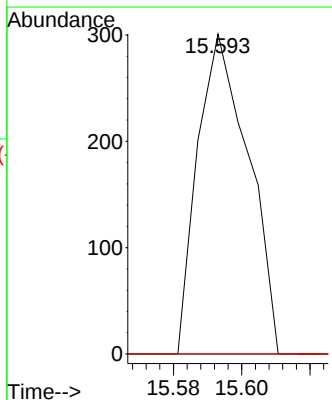
Tgt Ion:168 Resp: 228
 Ion Ratio Lower Upper
 168 100
 139 0.0 29.4 44.2#

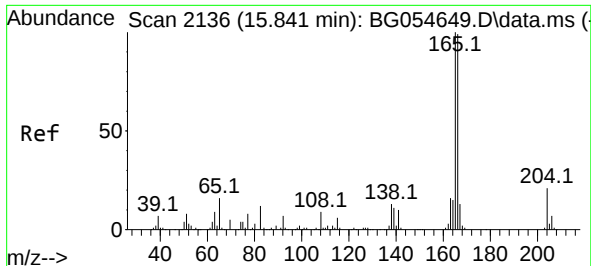


#59
 Diethylphthalate
 Concen: 0.041 ng/ul
 RT: 15.593 min Scan# 2094
 Delta R.T. -0.010 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49



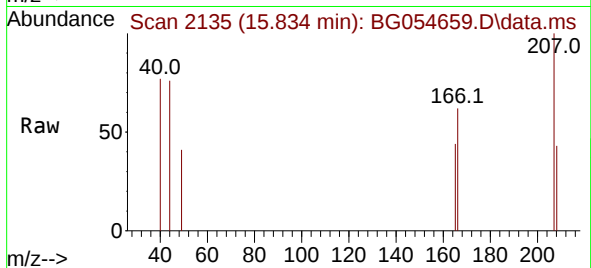
Tgt Ion:149 Resp: 310
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.4 27.6#
 150 0.0 9.8 14.8#



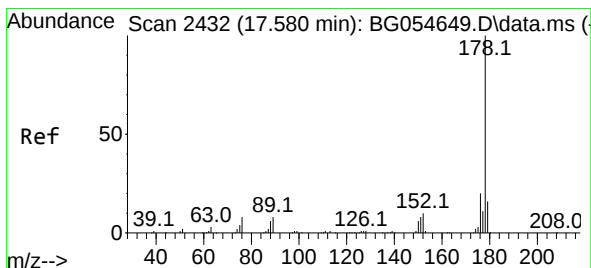
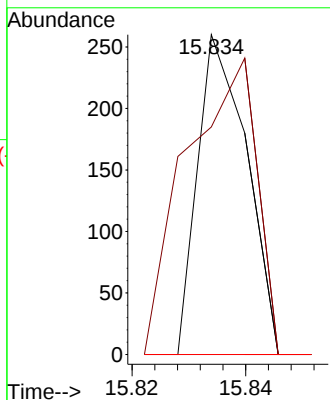
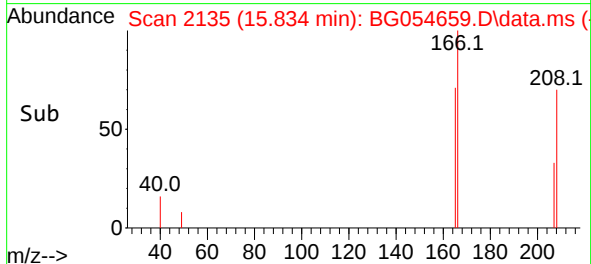


#61
Fluorene
Concen: 0.021 ng/ul
RT: 15.834 min Scan# 2135
Delta R.T. -0.010 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

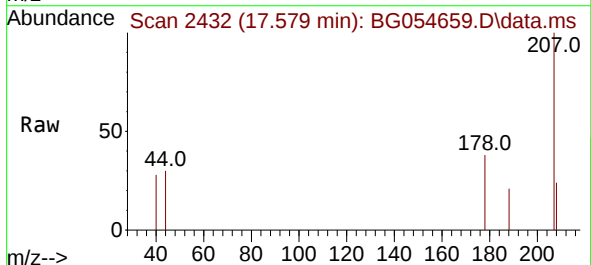
Instrument :
BNA_G
ClientSampleId :



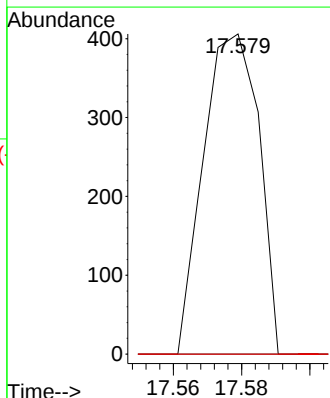
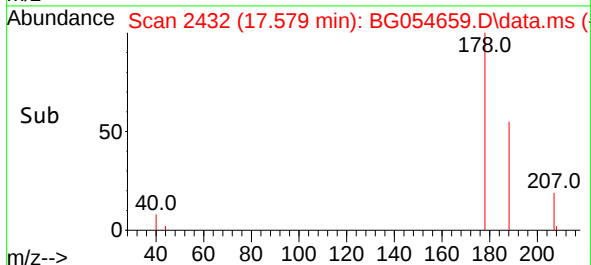
Tgt Ion:166 Resp: 155
Ion Ratio Lower Upper
166 100
165 71.2 81.3 121.9#
167 0.0 11.0 16.4#

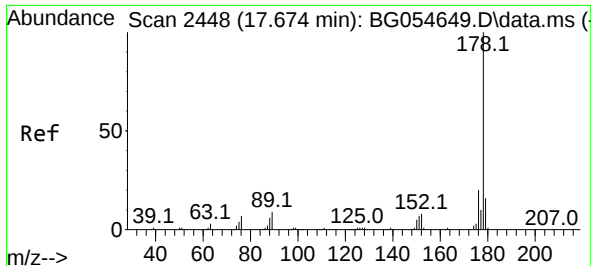


#72
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.579 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49



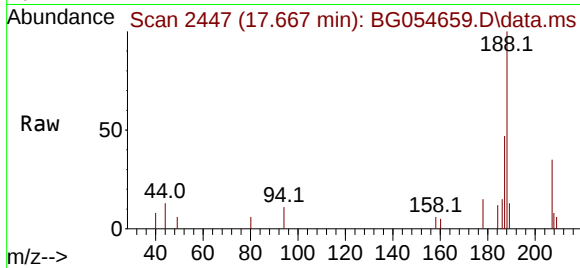
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Ion Ratio Lower Upper
178 100
179 0.0 12.8 19.2#
176 0.0 15.6 23.4#



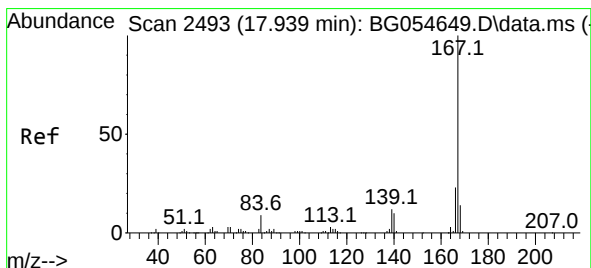
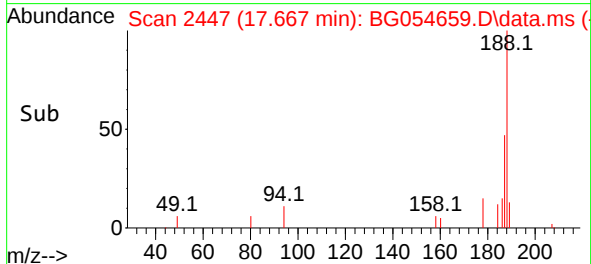
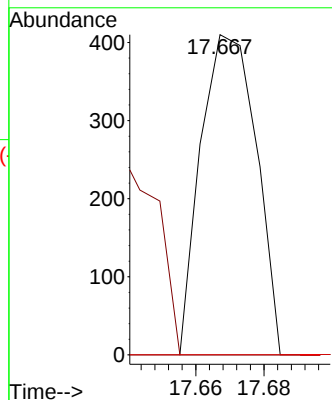


#74
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.667 min Scan# 2447
 Delta R.T. -0.010 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

Instrument :
 BNA_G
 ClientSampleId :

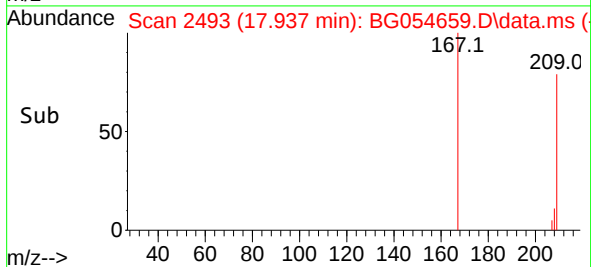
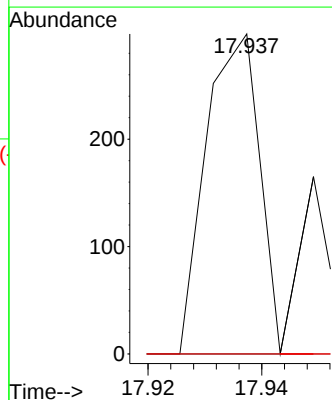
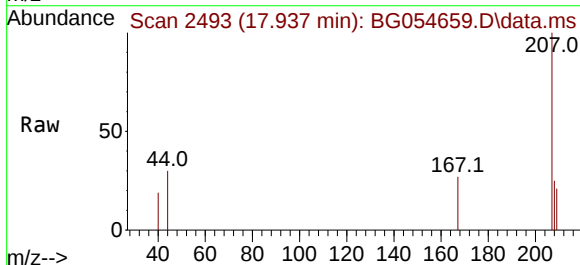


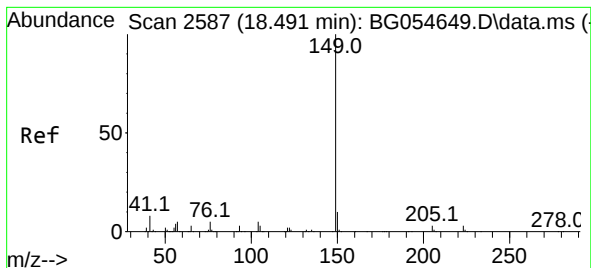
Tgt Ion:178 Resp: 464
 Ion Ratio Lower Upper
 178 100
 179 0.0 12.5 18.7#
 176 0.0 15.9 23.9#



#77
 Carbazole
 Concen: 0.018 ng/ul
 RT: 17.937 min Scan# 2493
 Delta R.T. -0.004 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

Tgt Ion:167 Resp: 194
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 9.9 14.9#





#78

Di-n-butylphthalate

Concen: 0.035 ng/ul

RT: 18.484 min Scan# 21

Delta R.T. -0.010 min

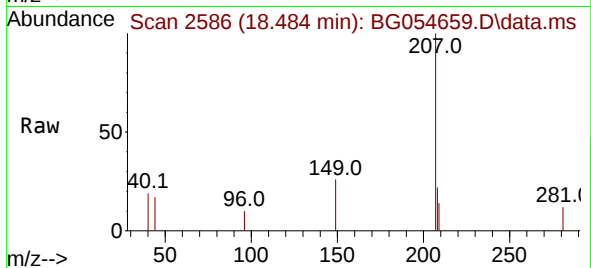
Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Instrument :

BNA_G

ClientSampleId :



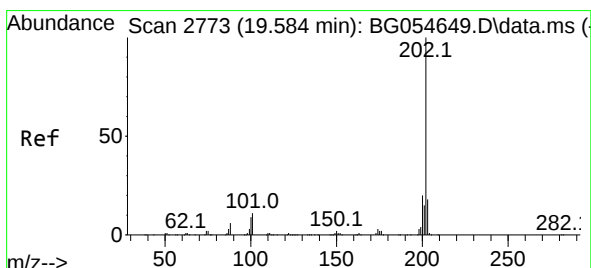
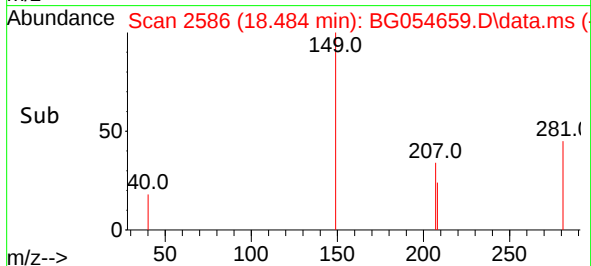
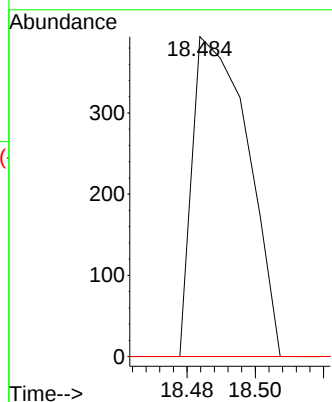
Tgt Ion:149 Resp: 442

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.2 6.4#



#80

Fluoranthene

Concen: 0.036 ng/ul

RT: 19.582 min Scan# 2773

Delta R.T. -0.004 min

Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

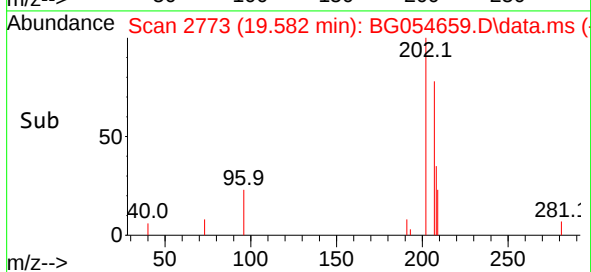
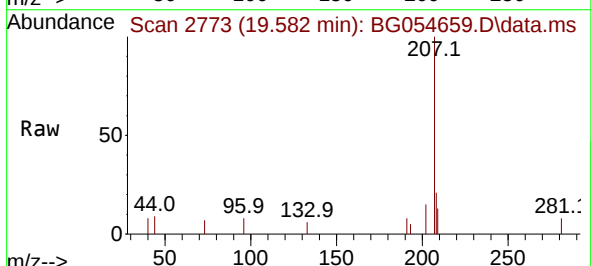
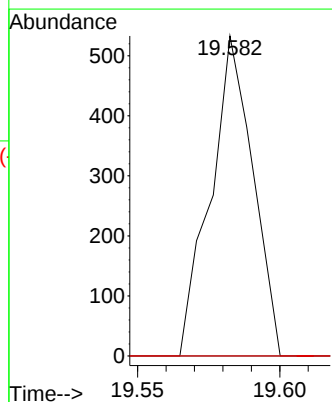
Tgt Ion:202 Resp: 552

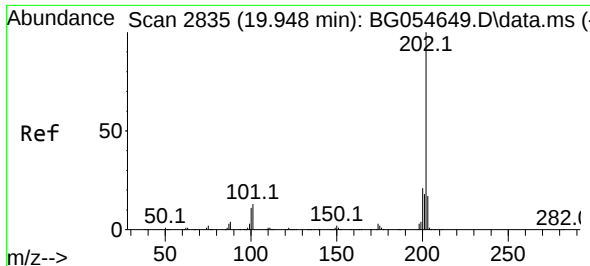
Ion Ratio Lower Upper

202 100

101 0.0 8.0 12.0#

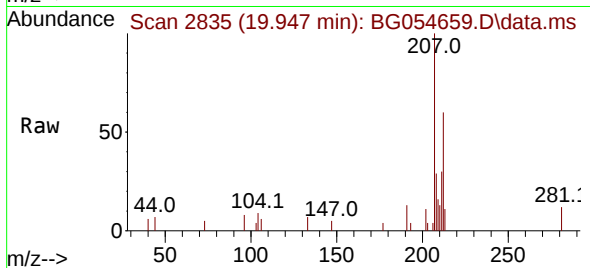
100 0.0 6.7 10.1#



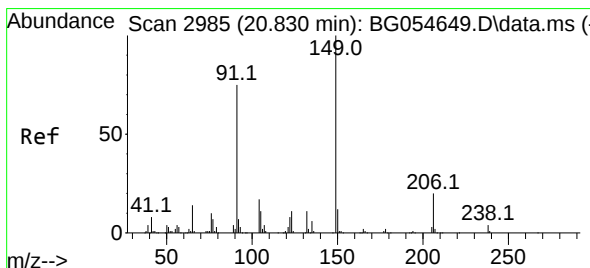
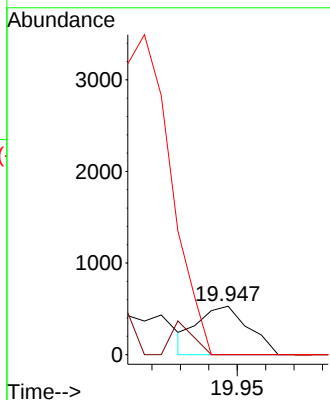
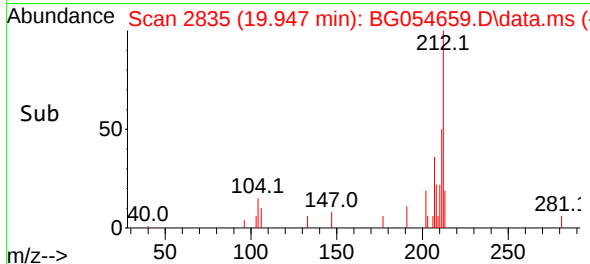


#82
 Pyrene
 Concen: 0.043 ng/ul
 RT: 19.947 min Scan# 2835
 Delta R.T. -0.004 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49

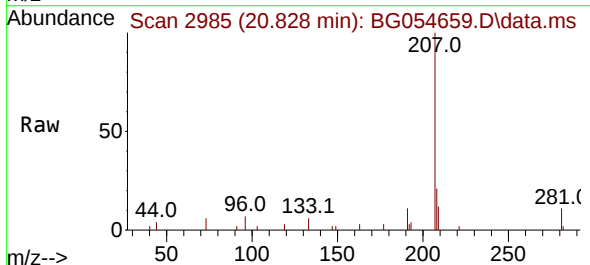
Instrument :
 BNA_G
 ClientSampleId :



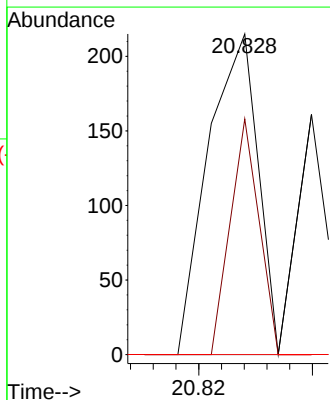
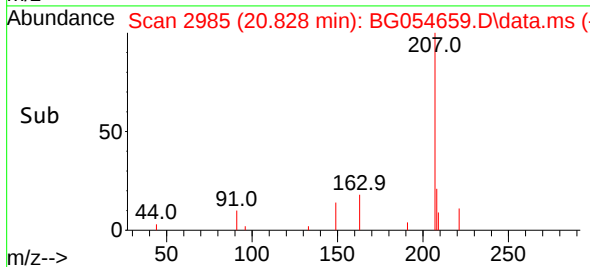
Tgt Ion:202 Resp: 653
 Ion Ratio Lower Upper
 202 100
 101 0.0 10.1 15.1#
 100 0.0 8.4 12.6#

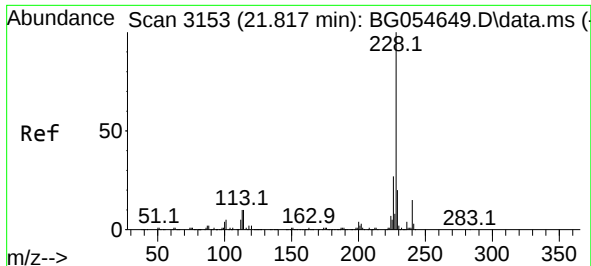


#83
 Butylbenzylphthalate
 Concen: 0.025 ng/ul
 RT: 20.828 min Scan# 2985
 Delta R.T. -0.004 min
 Lab File: BG054659.D
 Acq: 19 Aug 2022 9:49



Tgt Ion:149 Resp: 130
 Ion Ratio Lower Upper
 149 100
 91 73.5 59.1 88.7
 206 0.0 16.8 25.2#

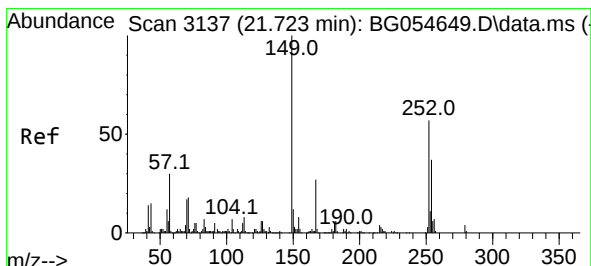
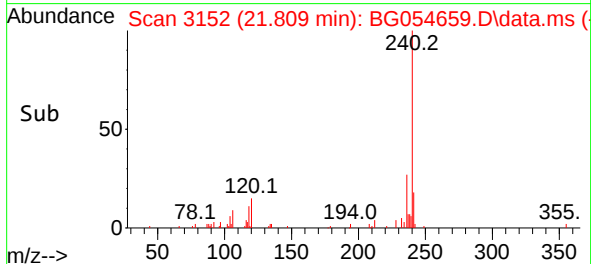
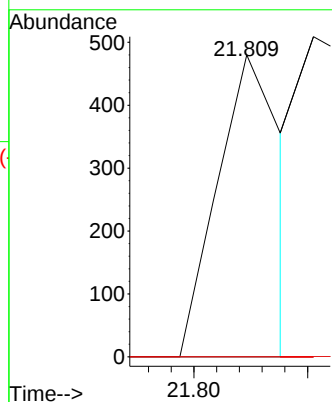
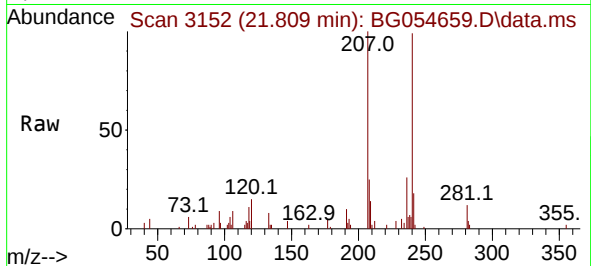




#85
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.809 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

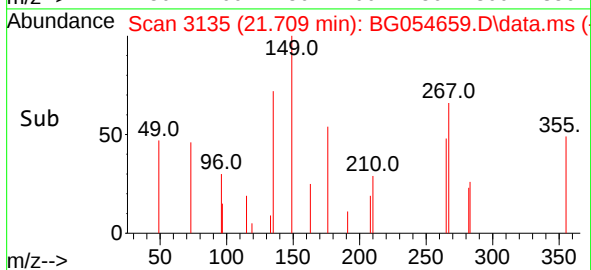
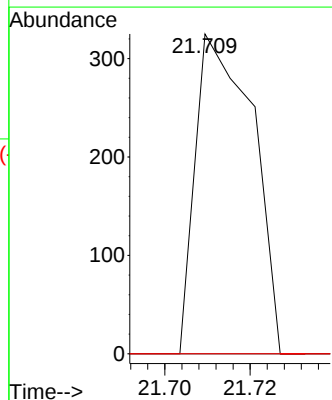
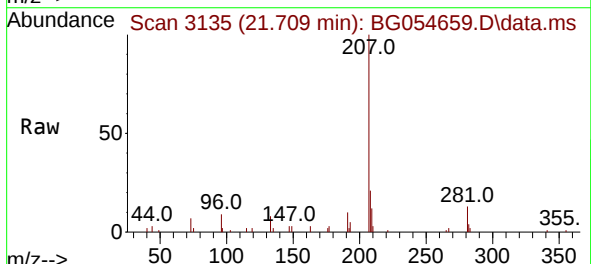
Instrument :
BNA_G
ClientSampleId :

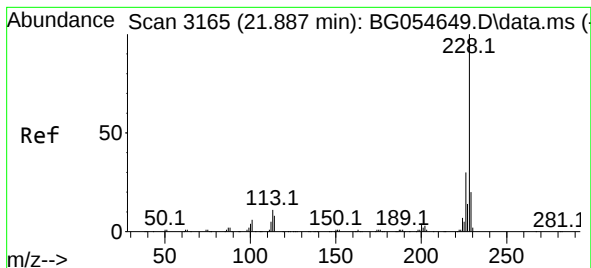
Tgt Ion:228 Resp: 382
Ion Ratio Lower Upper
228 100
229 0.0 15.8 23.6#
226 0.0 22.2 33.4#



#86
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng/ul
RT: 21.709 min Scan# 3135
Delta R.T. -0.016 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

Tgt Ion:149 Resp: 302
Ion Ratio Lower Upper
149 100
167 0.0 21.5 32.3#
279 0.0 3.4 5.0#





#87

Chrysene

Concen: 0.038 ng/ul

RT: 21.880 min Scan# 3165

Delta R.T. -0.010 min

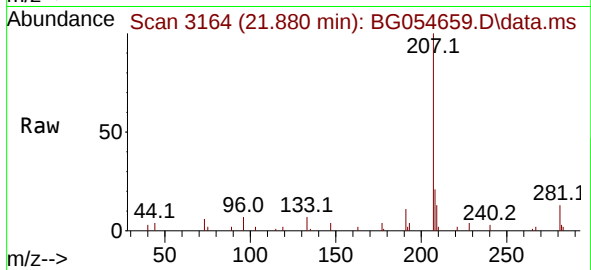
Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Instrument :

BNA_G

ClientSampleId :



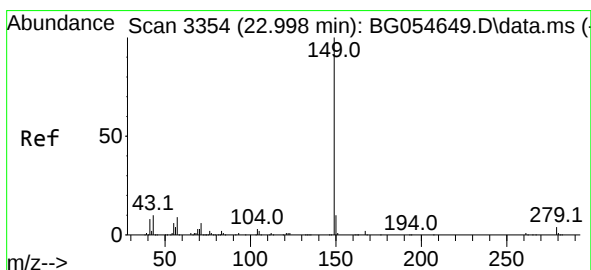
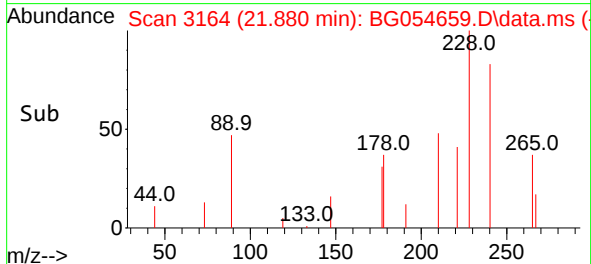
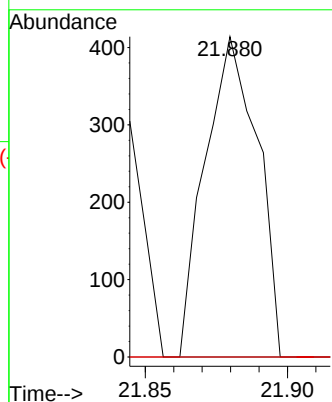
Tgt Ion:228 Resp: 530

Ion Ratio Lower Upper

228 100

226 0.0 24.6 36.8#

229 0.0 16.0 24.0#



#89

Di-n-octyl phthalate

Concen: 0.013 ng/ul

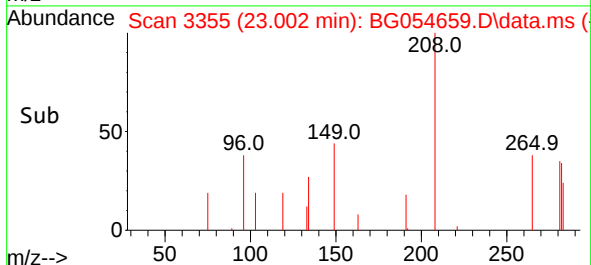
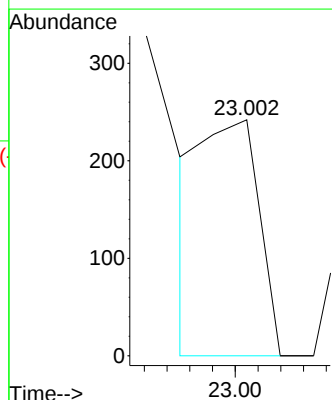
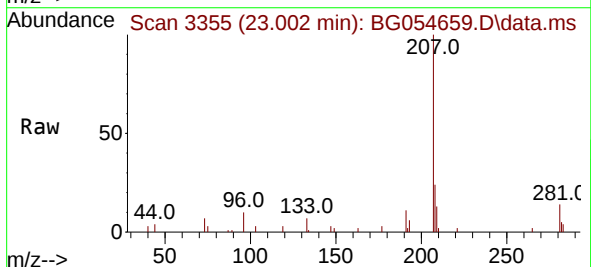
RT: 23.002 min Scan# 3355

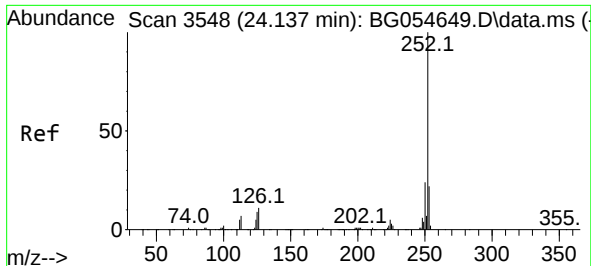
Delta R.T. 0.002 min

Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Tgt Ion:149 Resp: 165

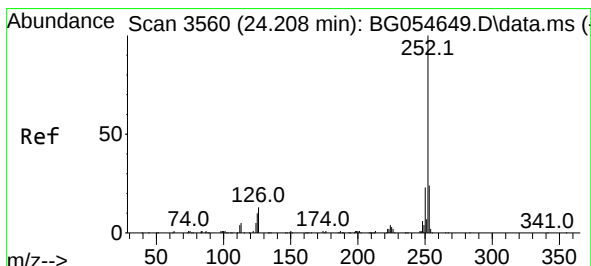
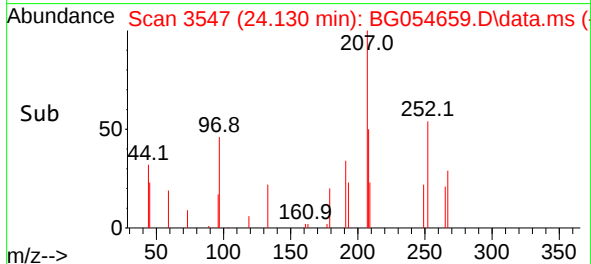
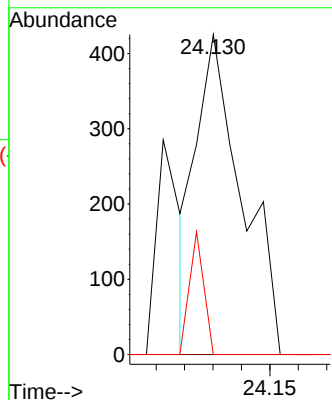
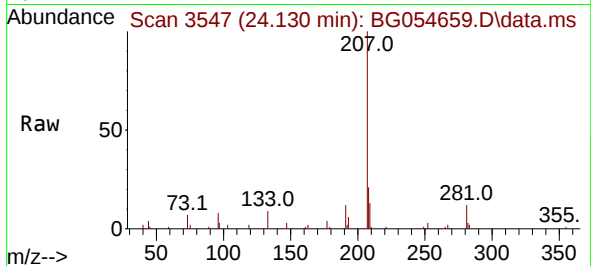




#90
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 24.130 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

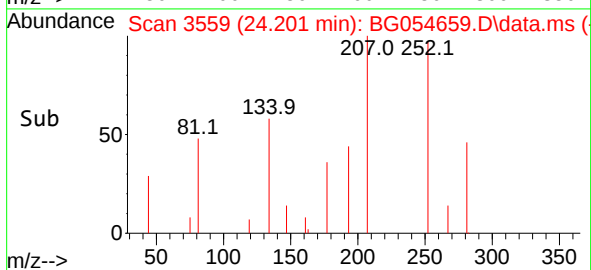
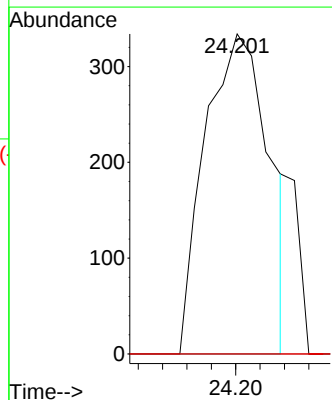
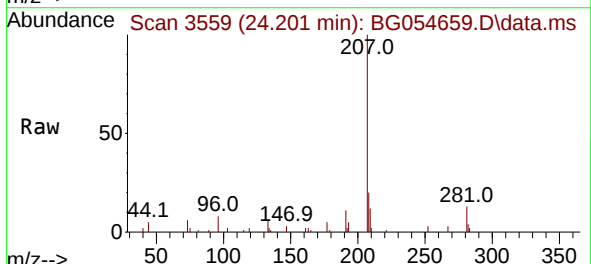
Instrument :
BNA_G
ClientSampleId :

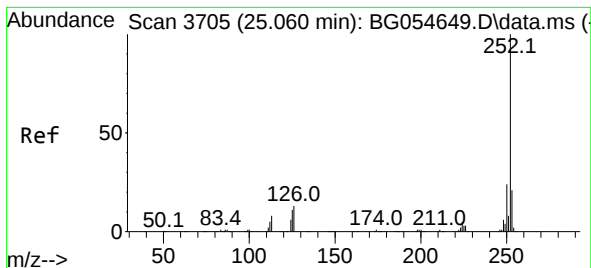
Tgt Ion:252 Resp: 476
Ion Ratio Lower Upper
252 100
253 0.0 17.7 26.5#
125 0.0 7.4 11.0#



#91
Benzo(k)fluoranthene
Concen: 0.045 ng/ul
RT: 24.201 min Scan# 3559
Delta R.T. -0.010 min
Lab File: BG054659.D
Acq: 19 Aug 2022 9:49

Tgt Ion:252 Resp: 612
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 7.6 11.4#





#93

Benzo(a)pyrene

Concen: 0.022 ng/ul

RT: 25.058 min Scan# 31

Delta R.T. 0.002 min

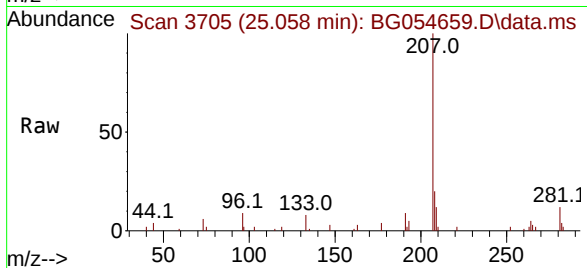
Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

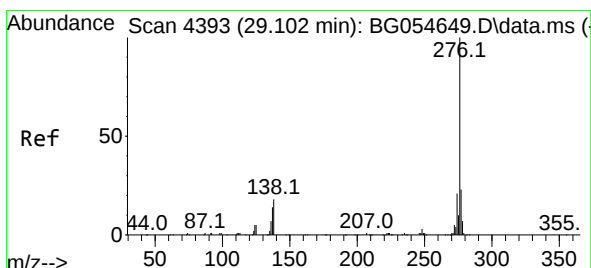
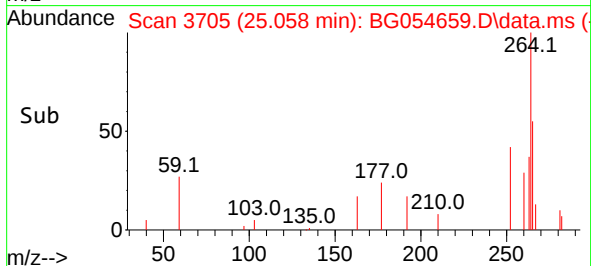
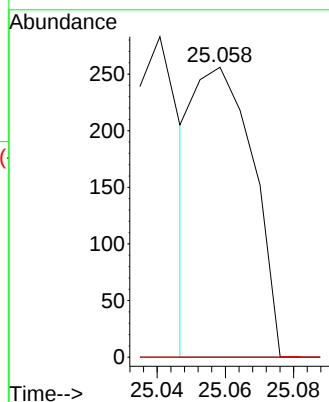
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	252	Resp:	307
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.0	25.4#
125	0.0	9.0	13.6#



#94

Indeno(1,2,3-cd)pyrene

Concen: 0.007 ng/ul

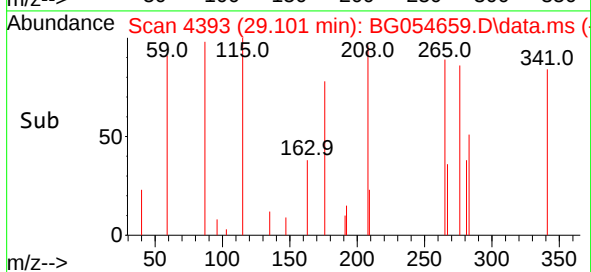
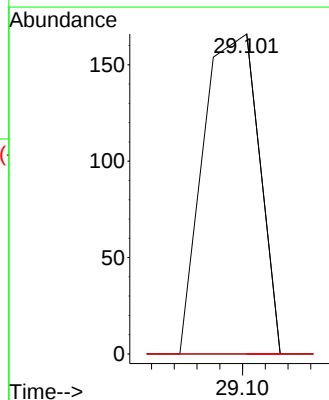
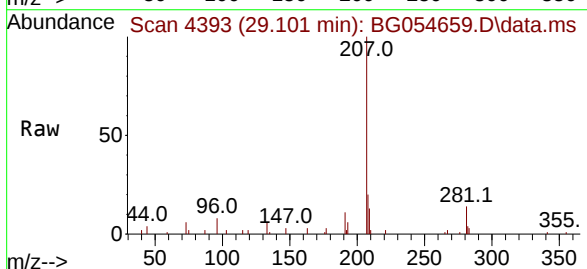
RT: 29.101 min Scan# 4393

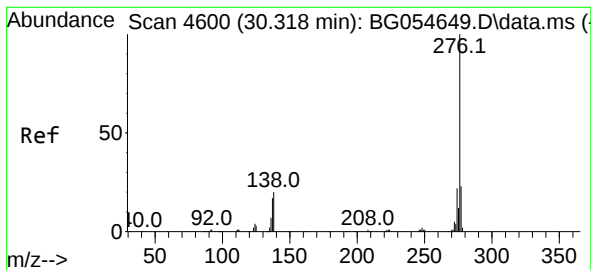
Delta R.T. -0.004 min

Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Tgt Ion:	276	Resp:	113
Ion Ratio	Lower	Upper	
276	100		
138	0.0	14.5	21.7#
277	0.0	18.3	27.5#





#96

Benzo(g,h,i)perylene

Concen: 0.006 ng/ul

RT: 30.311 min Scan# 4

Delta R.T. -0.010 min

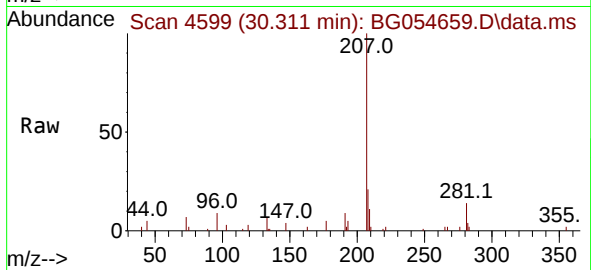
Lab File: BG054659.D

Acq: 19 Aug 2022 9:49

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 82

Ion Ratio Lower Upper

276 100

138 0.0 15.4 23.2#

277 0.0 19.5 29.3#

