

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054663.D
 Acq On : 19 Aug 2022 13:36
 Operator : CG/JU
 Sample : PB146669BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:46:34 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	8.158	152	44437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.984	136	182646	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.792	164	119039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.541	188	266866	20.000	ng/ul	0.00
79) Chrysene-d12	21.836	240	256819	20.000	ng/ul	0.00
88) Perylene-d12	25.215	264	256765	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	6823	6.074	ng/uL	0.00
4) Pyridine-d5	3.928	84	76611	22.885	ng/ul	-0.01
7) Phenol-d5	7.295	99	106592	28.213	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.471	67	69934	28.929	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.682	132	78308	29.306	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	83580	29.285	ng/ul	0.00
21) Nitrobenzene-d5	9.333	128	37751	32.928	ng/ul	0.00
24) 2-Nitrophenol-d4	10.056	143	30173	29.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.591	165	76788	28.537	ng/ul	0.00
31) 4-Chloroaniline-d4	11.114	131	118943	30.791	ng/ul	0.00
46) Dimethylphthalate-d6	14.192	166	267105	32.656	ng/ul	0.00
49) Acenaphthylene-d8	14.492	160	324020	33.086	ng/ul	0.00
54) 4-Nitrophenol-d4	14.962	143	35089	27.146	ng/ul	0.00
60) Fluorene-d10	15.785	176	235850	31.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	21495	23.652	ng/ul	0.00
73) Anthracene-d10	17.636	188	383564	33.045	ng/ul	0.00
81) Pyrene-d10	19.921	212	455395	34.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.980	264	427252	33.884	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.534	88	127	0.100	ng/uL#	19
14) 2,2'-oxybis(1-Chloropr...	8.852	45	589	0.117	ng/ul#	72
17) N-Nitroso-di-n-propyla...	8.858	70	1829	0.756	ng/ul#	1
23) Isophorone	10.056	82	2054	0.314	ng/ul#	68
43) 1,1'-Biphenyl	13.634	154	295	0.034	ng/ul#	41
47) Dimethylphthalate	14.239	163	366	0.044	ng/ul#	76
50) Acenaphthylene	14.510	152	296	0.027	ng/ul#	24
52) Acenaphthene	14.856	153	161	0.022	ng/ul#	67
56) Dibenzofuran	15.191	168	370	0.037	ng/ul#	38
59) Diethylphthalate	15.591	149	350	0.043	ng/ul#	58
61) Fluorene	15.838	166	239	0.030	ng/ul#	90
67) N-Nitrosodiphenylamine	16.043	169	55	0.008	ng/ul#	41
72) Phenanthrene	17.571	178	334	0.025	ng/ul#	59
74) Anthracene	17.671	178	496	0.037	ng/ul#	59
77) Carbazole	17.935	167	390	0.033	ng/ul#	59
78) Di-n-butylphthalate	18.493	149	748	0.054	ng/ul#	77
80) Fluoranthene	19.580	202	612	0.037	ng/ul#	75
82) Pyrene	19.945	202	754	0.046	ng/ul#	56
83) Butylbenzylphthalate	20.832	149	190	0.034	ng/ul#	22
85) Benzo(a)anthracene	21.825	228	1206	0.076	ng/ul#	51
86) Bis(2-ethylhexyl)phtha...	21.713	149	686	0.081	ng/ul#	53
87) Chrysene	21.883	228	844	0.055	ng/ul#	73
89) Di-n-octyl phthalate	22.994	149	558	0.039	ng/ul	100
90) Benzo(b)fluoranthene	24.134	252	1125	0.069	ng/ul#	81

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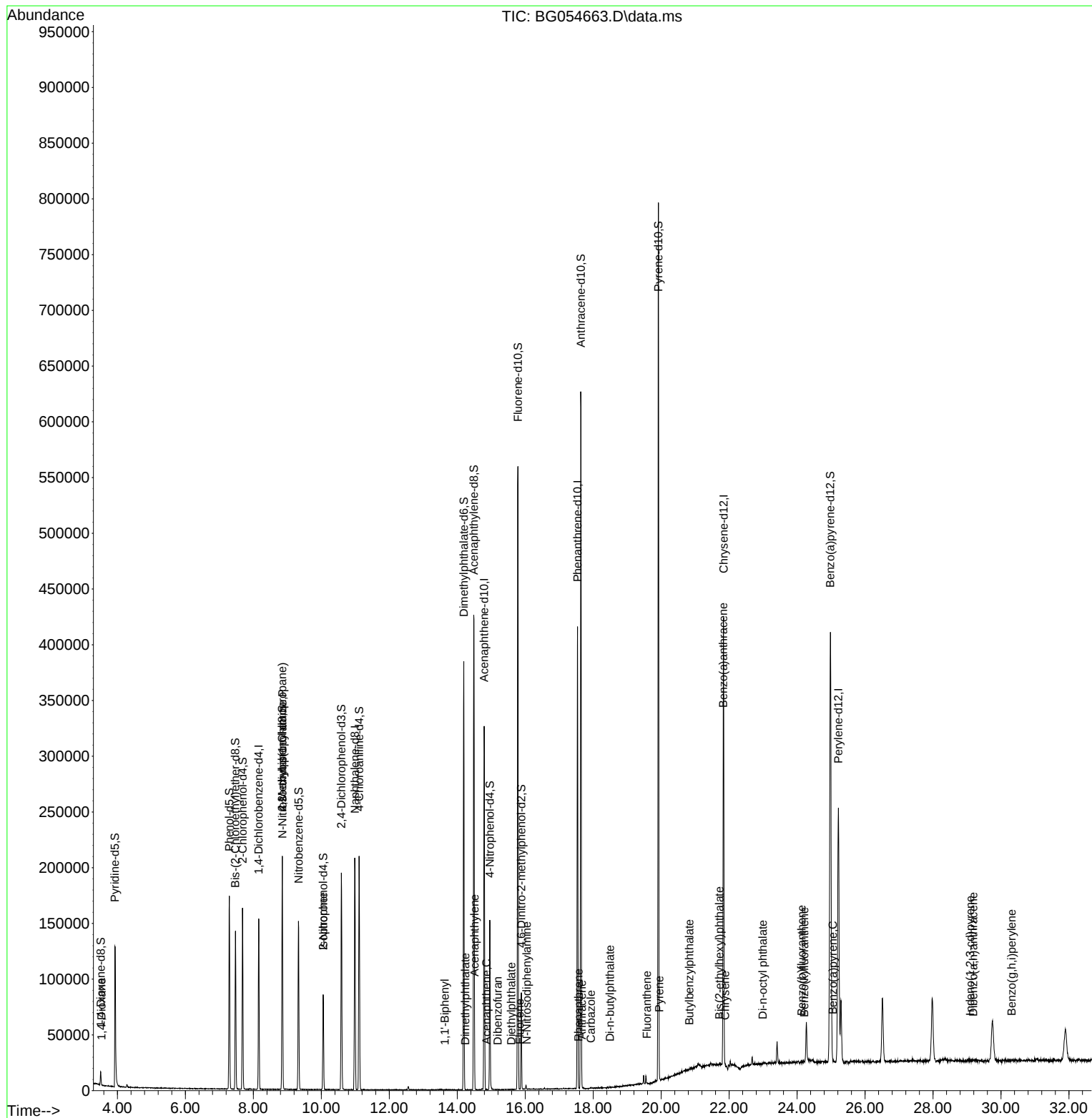
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(k)fluoranthene	24.210	252	437	0.029	ng/ul#	59
93) Benzo(a)pyrene	25.050	252	1375	0.088	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	29.093	276	147	0.008	ng/ul#	56
95) Dibenzo(a,h)anthracene	29.187	278	264	0.017	ng/ul#	56
96) Benzo(g,h,i)perylene	30.315	276	155	0.010	ng/ul#	54

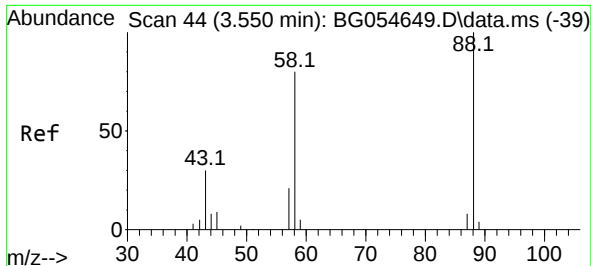
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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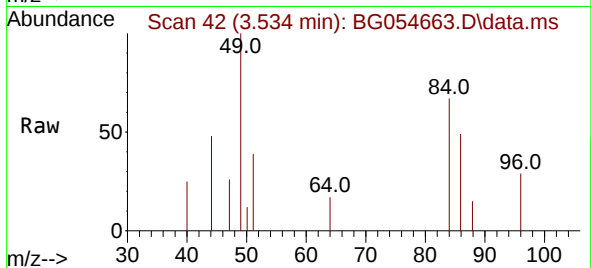
Quant Time: Aug 20 02:46:34 2022
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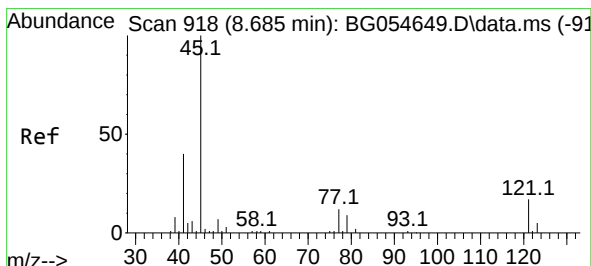
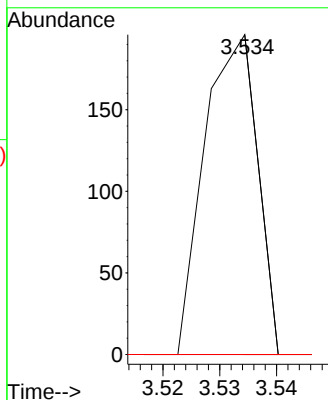
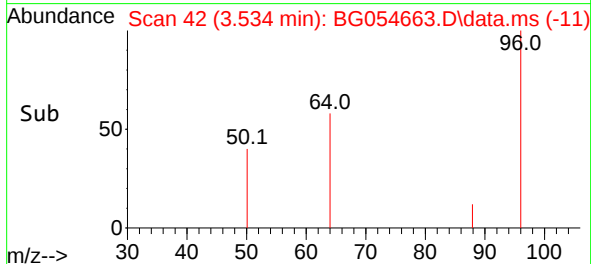


#2
 1,4-Dioxane
 Concen: 0.100 ng/uL
 RT: 3.534 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG054663.D
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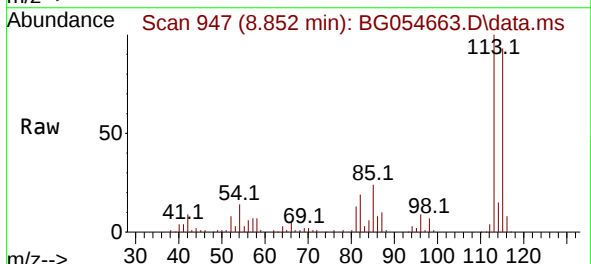
Instrument :
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 ClientSampleId :



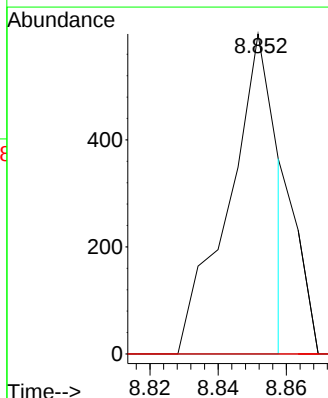
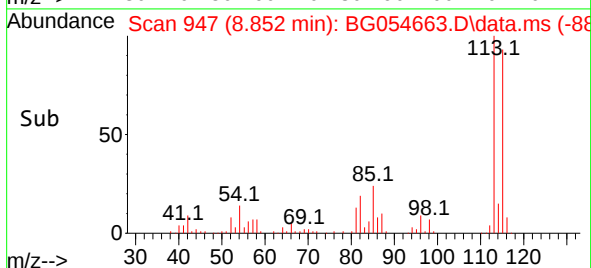
Tgt Ion: 88 Resp: 127
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.3 42.5#
 58 0.0 63.4 95.2#

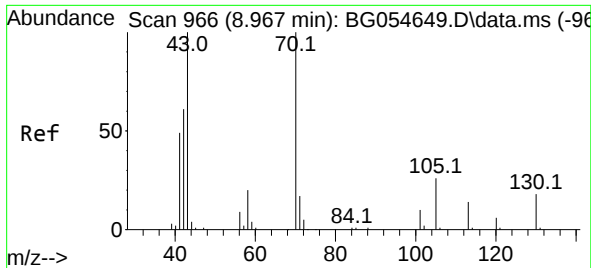


#14
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.117 ng/uL
 RT: 8.852 min Scan# 947
 Delta R.T. 0.164 min
 Lab File: BG054663.D
 Acq: 19 Aug 2022 13:36



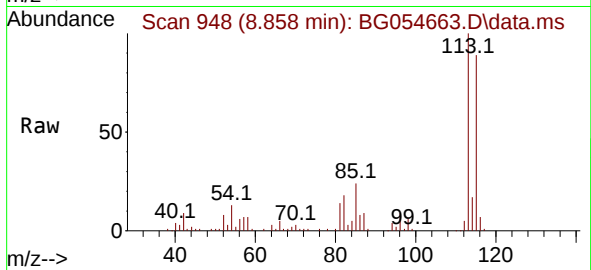
Tgt Ion: 45 Resp: 589
 Ion Ratio Lower Upper
 45 100
 77 0.0 9.9 14.9#
 79 0.0 6.6 9.8#



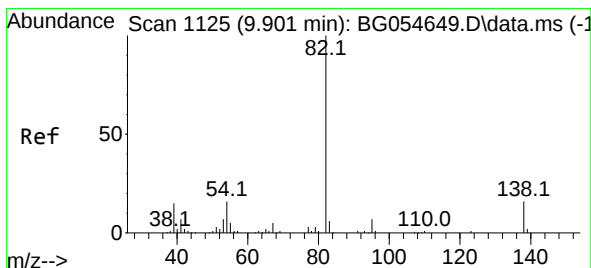
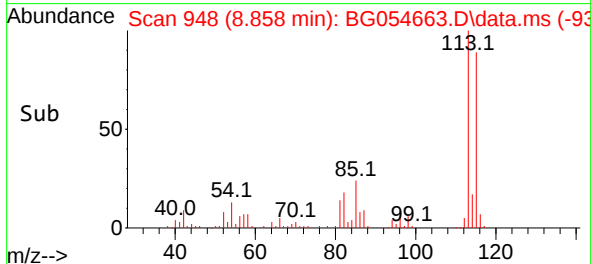
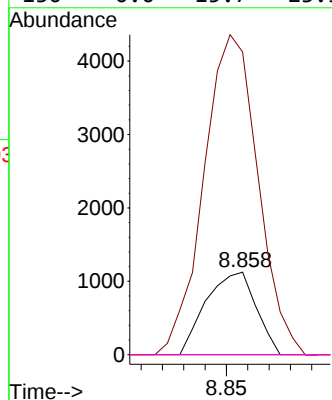


#17
N-Nitroso-di-n-propylamine
Concen: 0.756 ng/ul
RT: 8.858 min Scan# 948
Delta R.T. -0.112 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Instrument :
BNA_G
ClientSampleId :

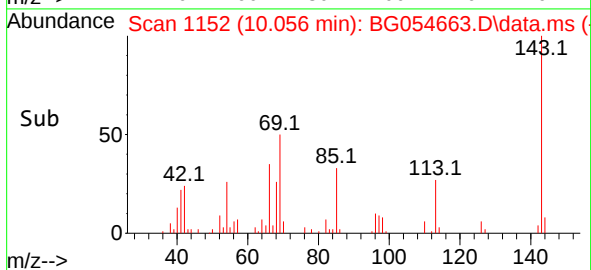
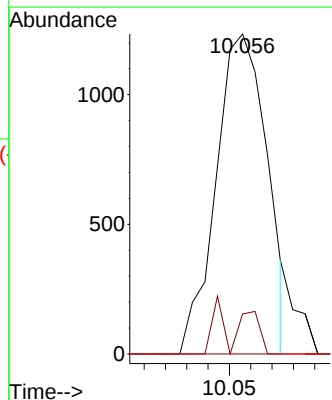
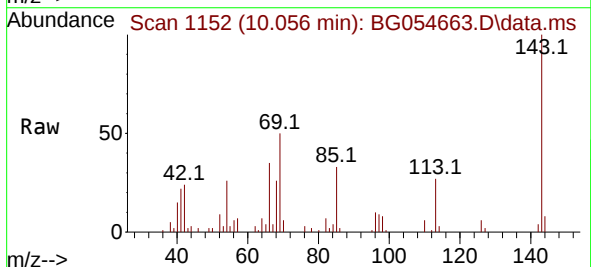


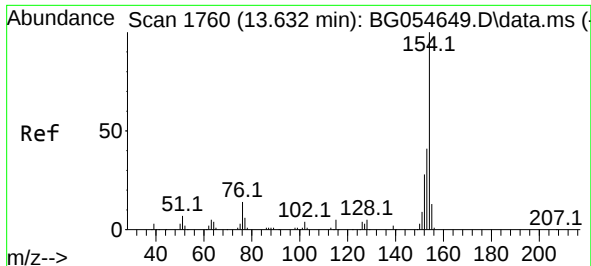
Tgt Ion	Ratio	Lower	Upper
70	100		
42	367.0	49.6	74.4#
101	0.0	6.6	10.0#
130	0.0	15.7	23.5#



#23
Isophorone
Concen: 0.314 ng/ul
RT: 10.056 min Scan# 1152
Delta R.T. 0.152 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

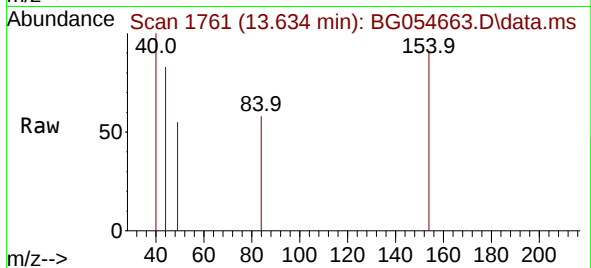
Tgt Ion	Ratio	Lower	Upper
82	100		
95	12.5	5.4	8.0#
138	0.0	13.2	19.8#



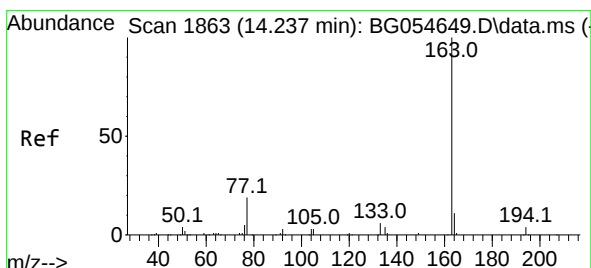
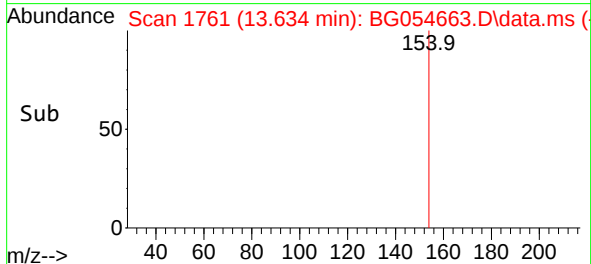
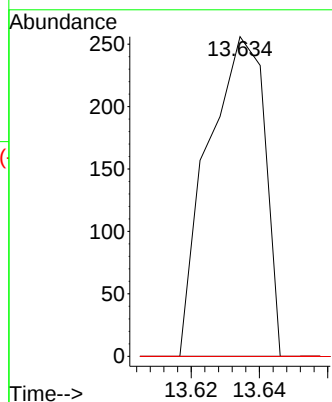


#43
1,1'-Biphenyl
Concen: 0.034 ng/ul
RT: 13.634 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BG054663.D
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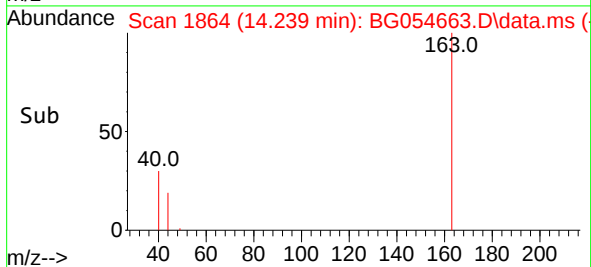
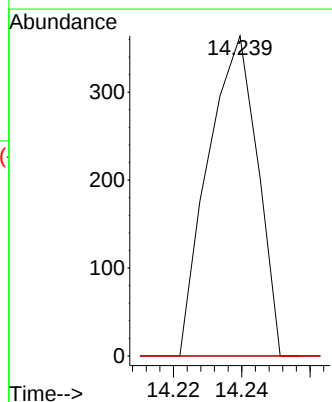
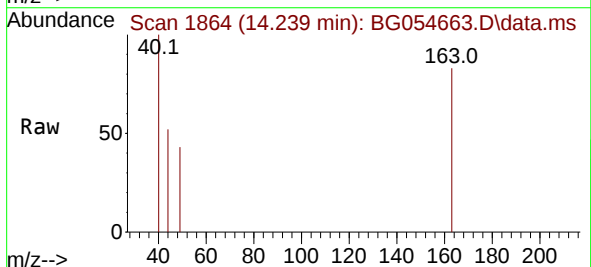


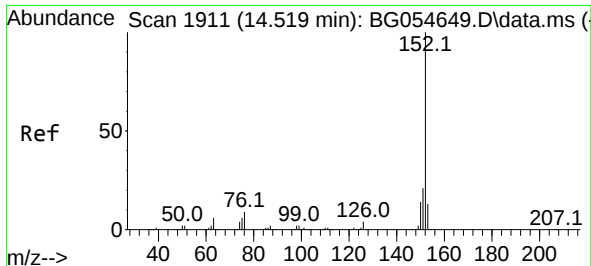
Tgt Ion:154 Resp: 295
Ion Ratio Lower Upper
154 100
153 0.0 33.8 50.6#
76 0.0 11.0 16.6#



#47
Dimethylphthalate
Concen: 0.044 ng/ul
RT: 14.239 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BG054663.D
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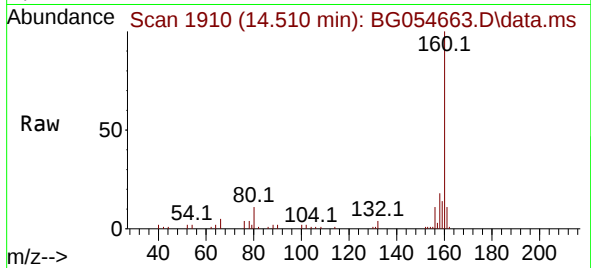
Tgt Ion:163 Resp: 366
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.7 13.1#



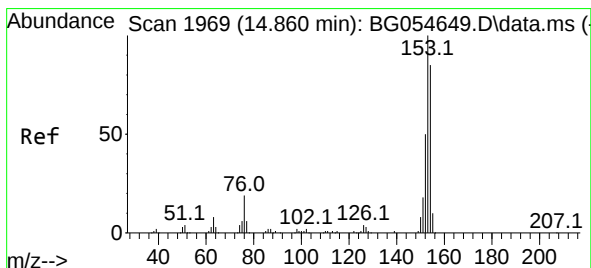
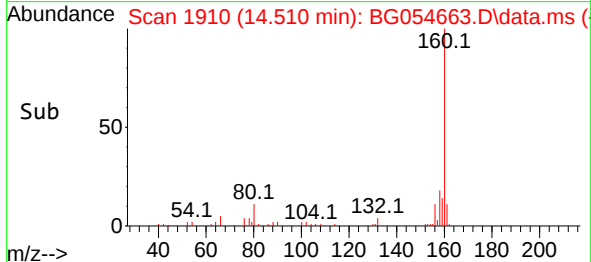
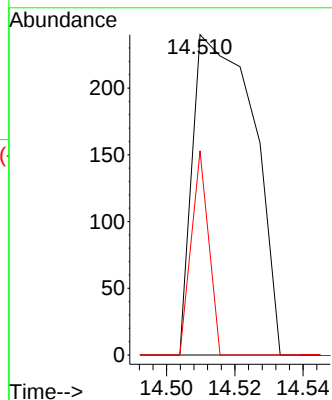


#50
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.510 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Instrument :
BNA_G
ClientSampleId :

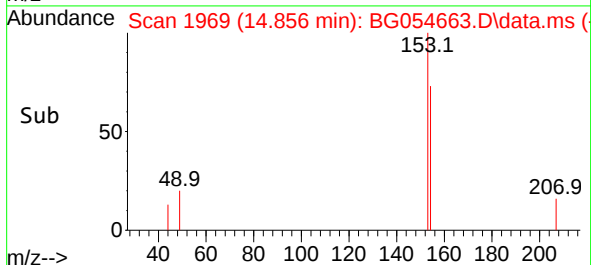
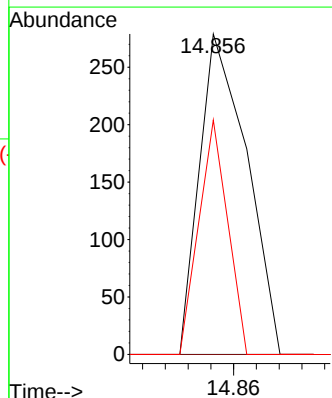
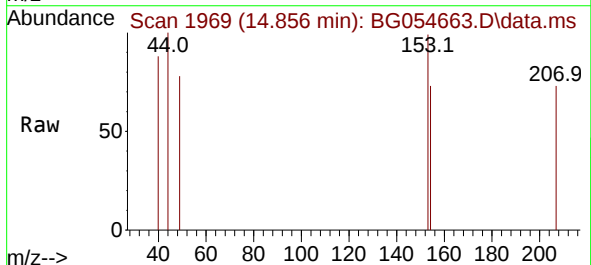


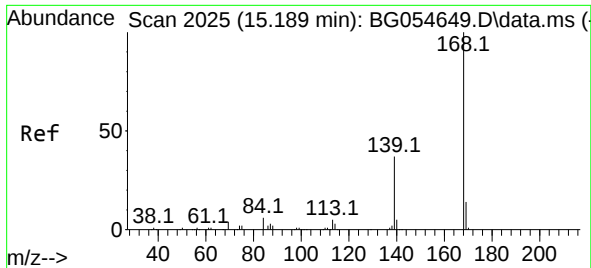
Tgt Ion:152 Resp: 296
Ion Ratio Lower Upper
152 100
151 0.0 16.9 25.3#
153 63.8 10.5 15.7#



#52
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.856 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Tgt Ion:153 Resp: 161
Ion Ratio Lower Upper
153 100
152 0.0 36.9 55.3#
154 73.1 68.2 102.2

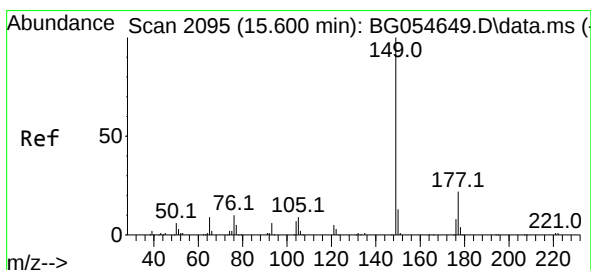
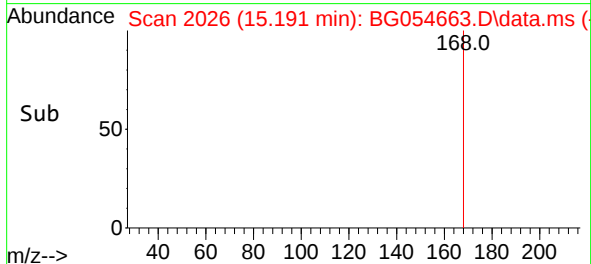
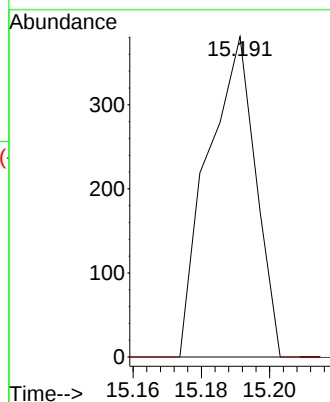
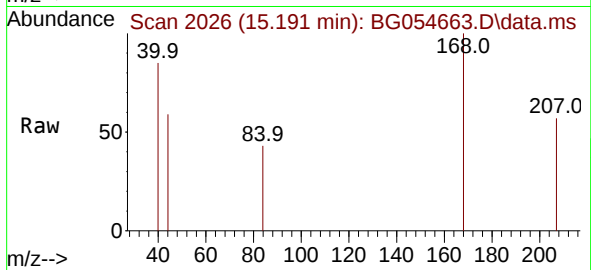




#56
Dibenzofuran
Concen: 0.037 ng/ul
RT: 15.191 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

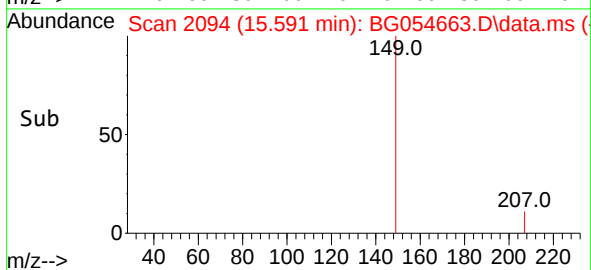
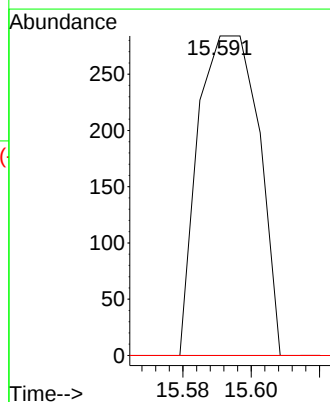
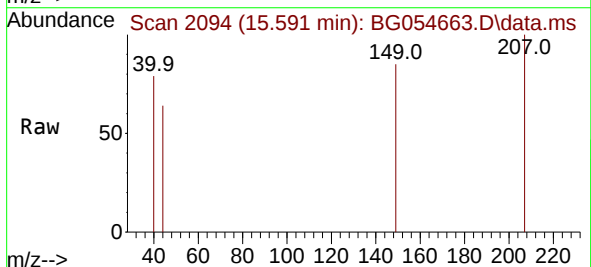
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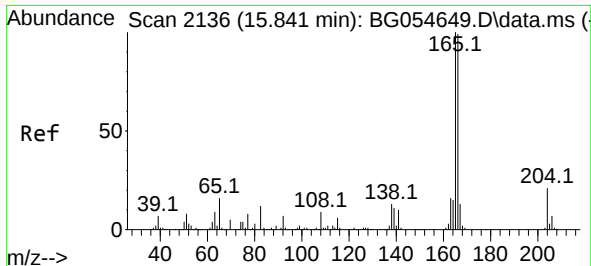
Tgt Ion:168 Resp: 370
Ion Ratio Lower Upper
168 100
139 0.0 29.4 44.2#



#59
Diethylphthalate
Concen: 0.043 ng/ul
RT: 15.591 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

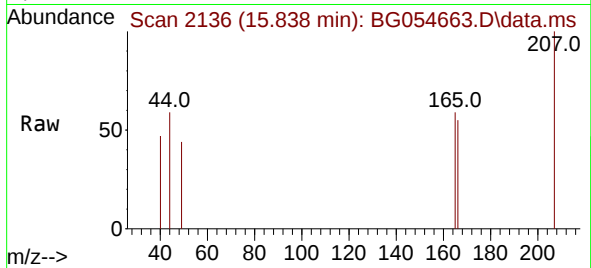
Tgt Ion:149 Resp: 350
Ion Ratio Lower Upper
149 100
177 0.0 18.4 27.6#
150 0.0 9.8 14.8#



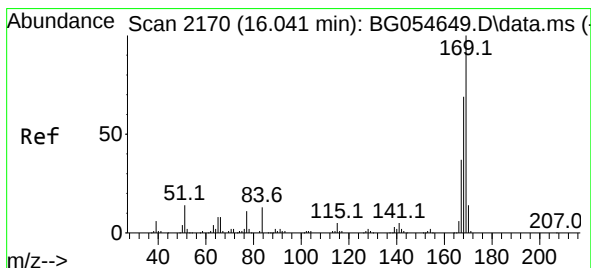
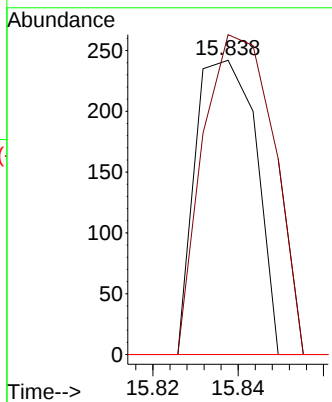
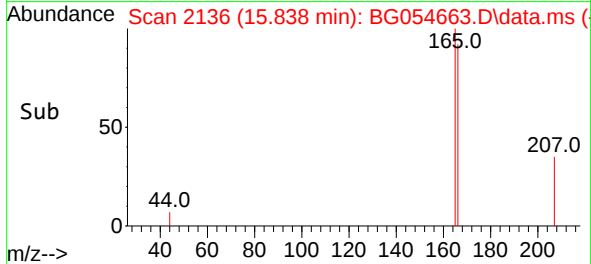


#61
Fluorene
Concen: 0.030 ng/ul
RT: 15.838 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

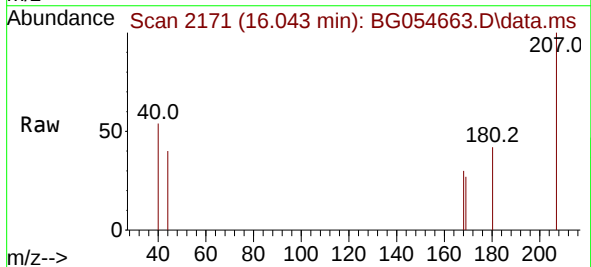
Instrument :
BNA_G
ClientSampleId :



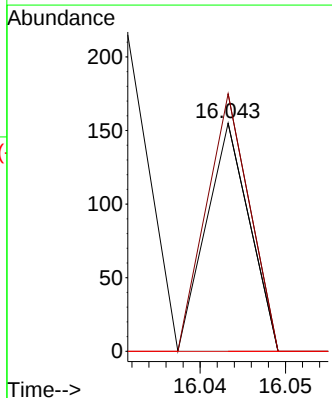
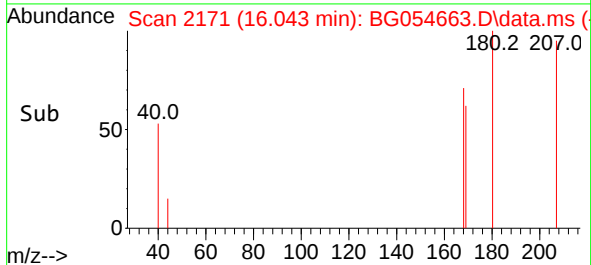
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Ion Ratio Lower Upper
166 100
165 108.7 81.3 121.9
167 0.0 11.0 16.4#

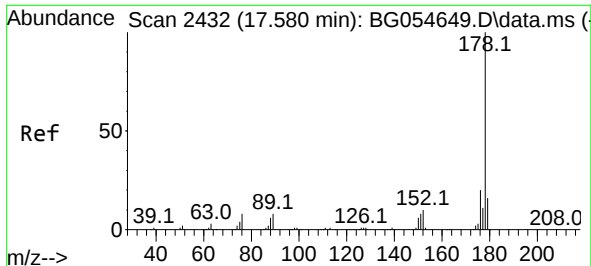


#67
N-Nitrosodiphenylamine
Concen: 0.008 ng/ul
RT: 16.043 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36



Tgt Ion:169 Resp: 55
Ion Ratio Lower Upper
169 100
168 112.9 53.8 80.8#
167 0.0 29.4 44.0#

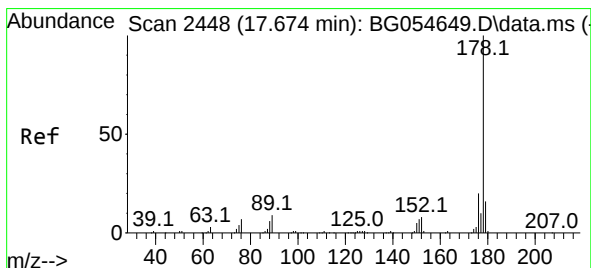
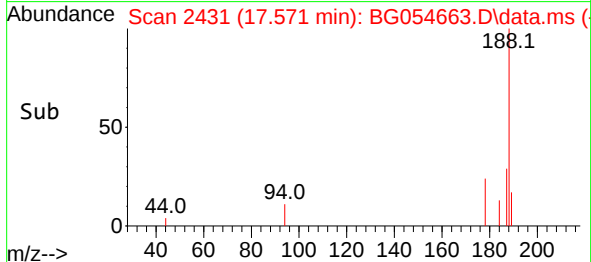
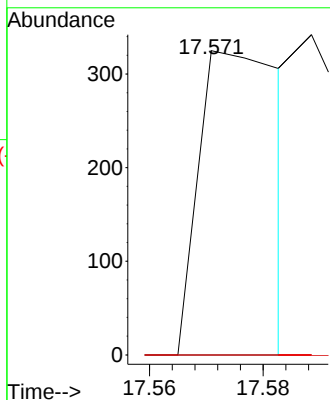
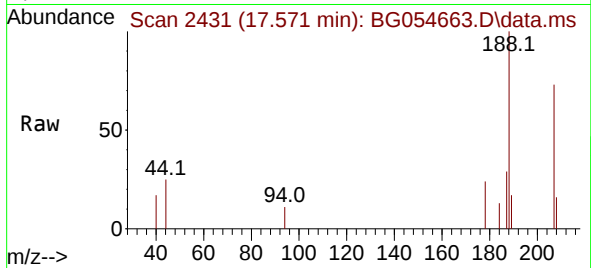




#72
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.571 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

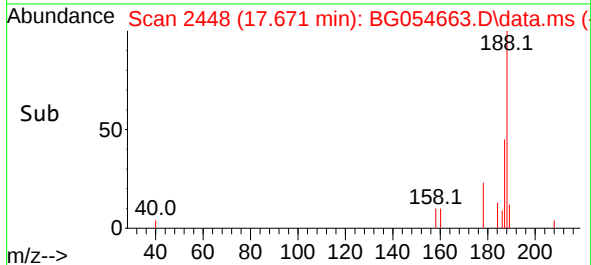
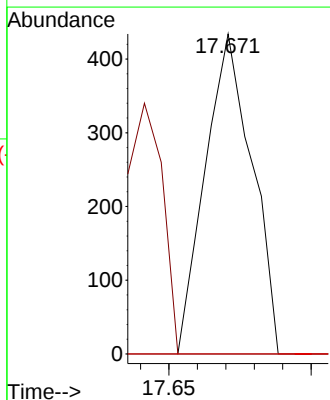
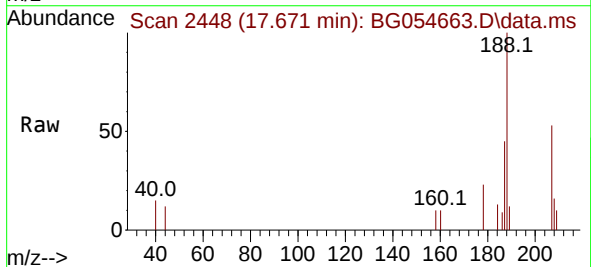
Instrument :
BNA_G
ClientSampleId :

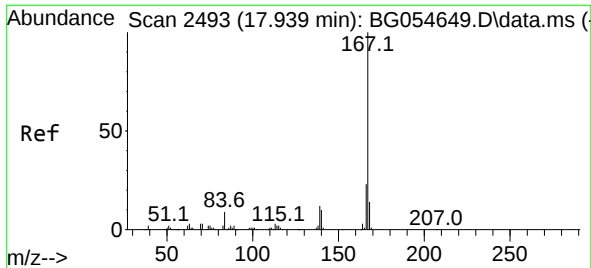
Tgt Ion:178 Resp: 334
Ion Ratio Lower Upper
178 100
179 0.0 12.8 19.2#
176 0.0 15.6 23.4#



#74
Anthracene
Concen: 0.037 ng/ul
RT: 17.671 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

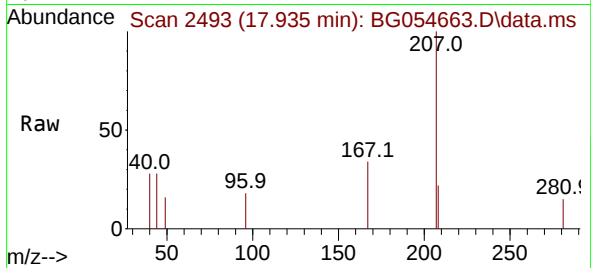
Tgt Ion:178 Resp: 496
Ion Ratio Lower Upper
178 100
179 0.0 12.5 18.7#
176 0.0 15.9 23.9#



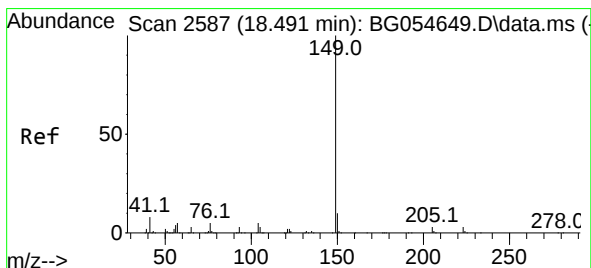
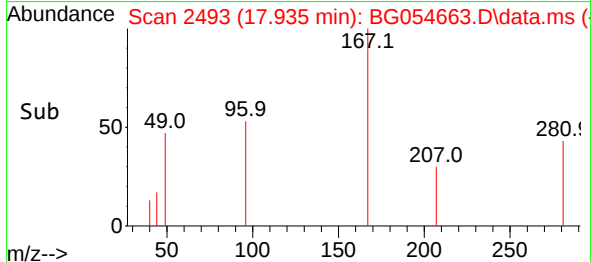
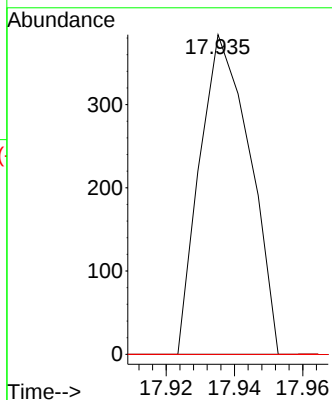


#77
 Carbazole
 Concen: 0.033 ng/ul
 RT: 17.935 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BG054663.D
 Acq: 19 Aug 2022 13:36

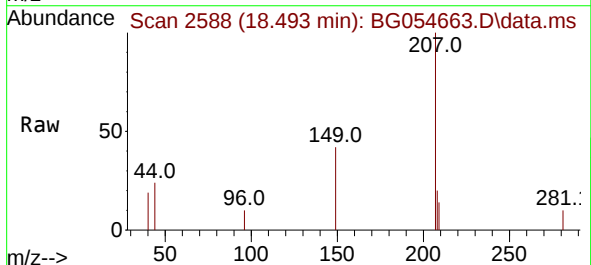
Instrument :
 BNA_G
 ClientSampleId :



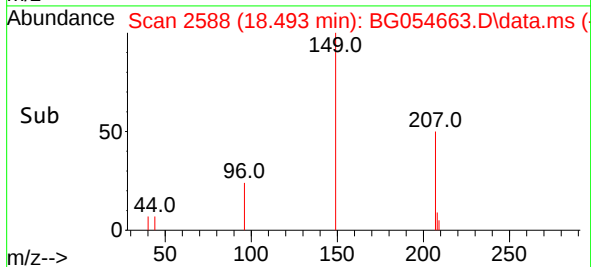
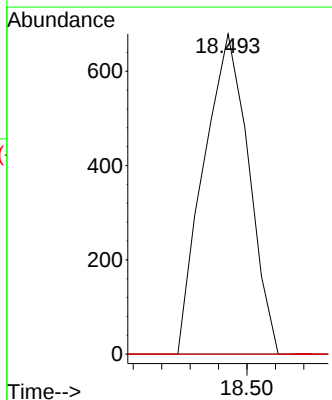
Tgt Ion:167 Resp: 390
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 9.9 14.9#

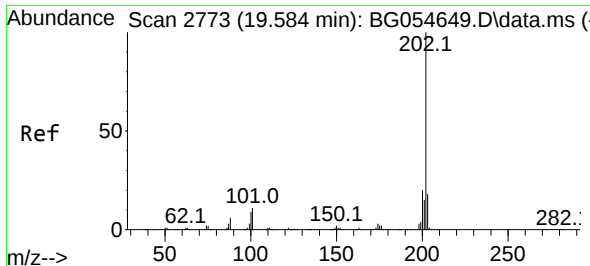


#78
 Di-n-butylphthalate
 Concen: 0.054 ng/ul
 RT: 18.493 min Scan# 2588
 Delta R.T. -0.000 min
 Lab File: BG054663.D
 Acq: 19 Aug 2022 13:36



Tgt Ion:149 Resp: 748
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 4.2 6.4#

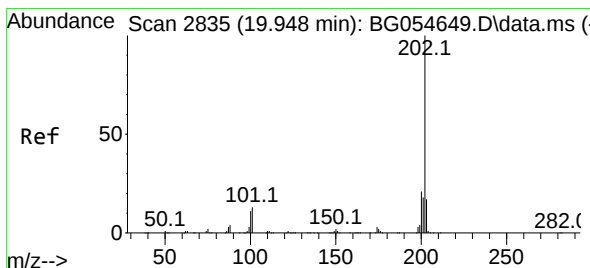
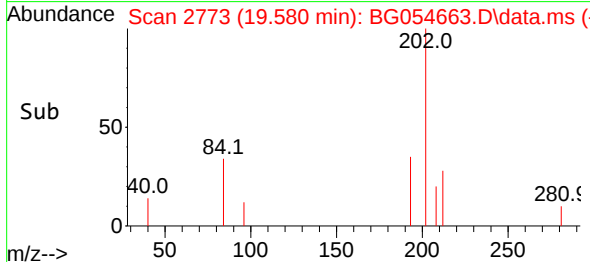
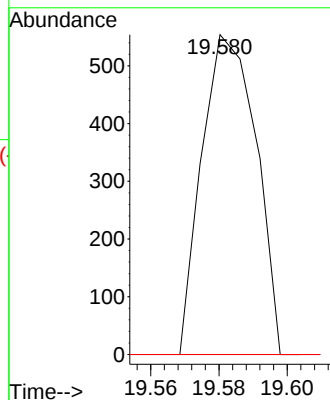
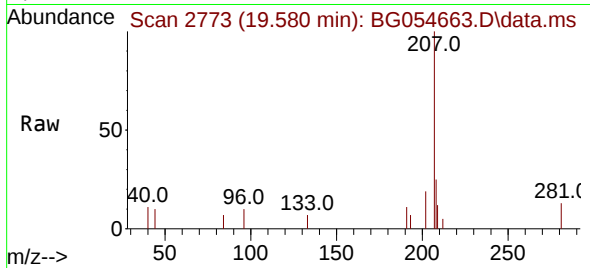




#80
Fluoranthene
Concen: 0.037 ng/ul
RT: 19.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

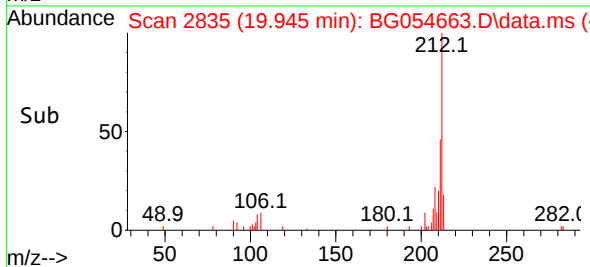
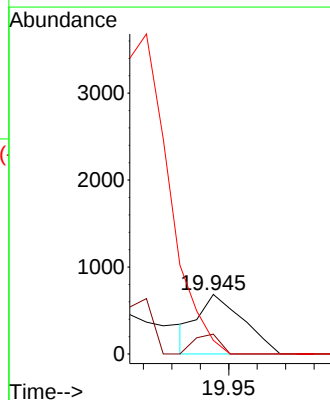
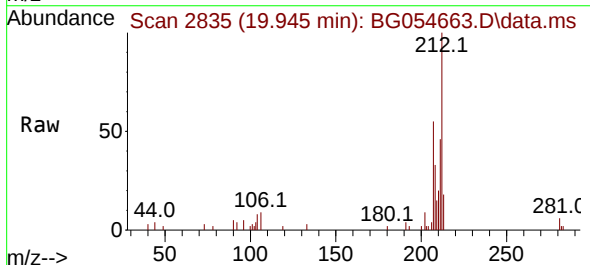
Instrument :
BNA_G
ClientSampleId :

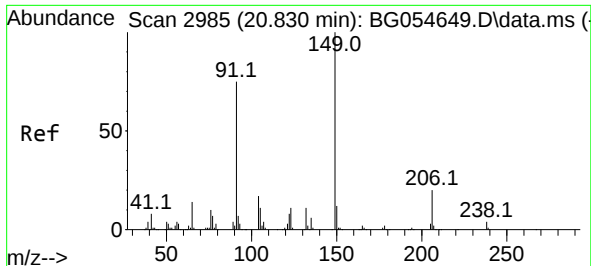
Tgt Ion:202 Resp: 612
Ion Ratio Lower Upper
202 100
101 0.0 8.0 12.0#
100 0.0 6.7 10.1#



#82
Pyrene
Concen: 0.046 ng/ul
RT: 19.945 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

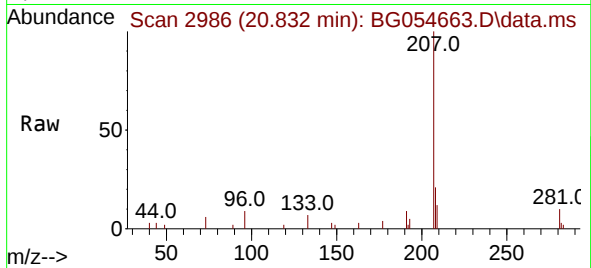
Tgt Ion:202 Resp: 754
Ion Ratio Lower Upper
202 100
101 33.3 10.1 15.1#
100 22.8 8.4 12.6#



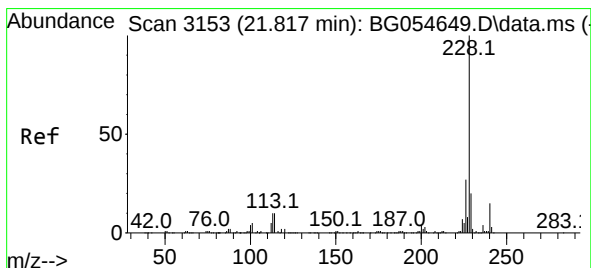
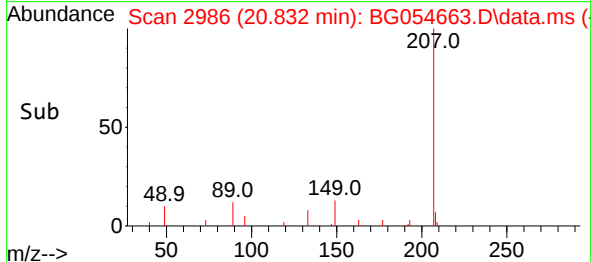
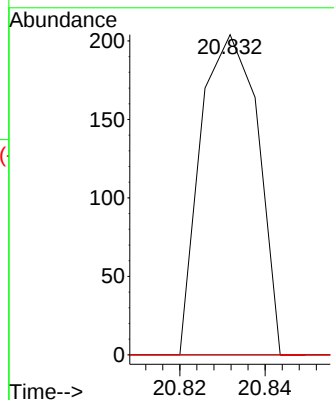


#83
Butylbenzylphthalate
Concen: 0.034 ng/ul
RT: 20.832 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Instrument :
BNA_G
ClientSampleId :

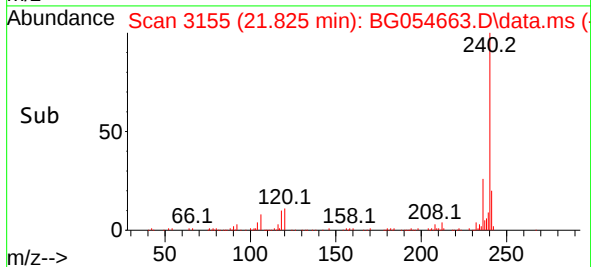
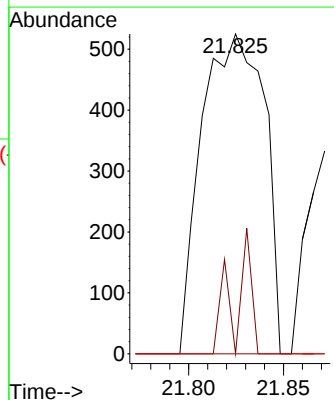
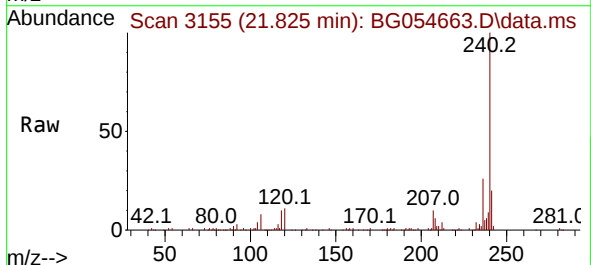


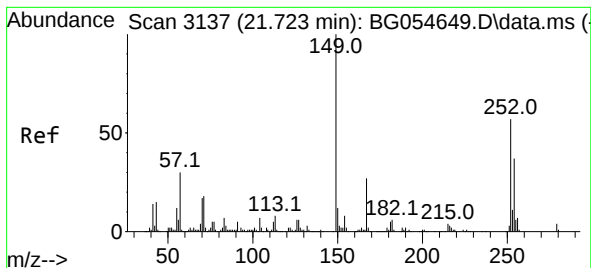
Tgt Ion:	149	Resp:	190
Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.1	88.7#
206	0.0	16.8	25.2#



#85
Benzo(a)anthracene
Concen: 0.076 ng/ul
RT: 21.825 min Scan# 3155
Delta R.T. 0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Tgt Ion:	228	Resp:	1206
Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.8	23.6#
226	0.0	22.2	33.4#

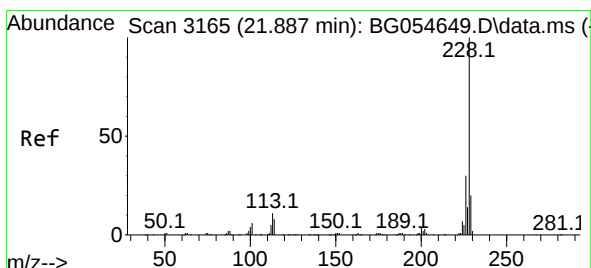
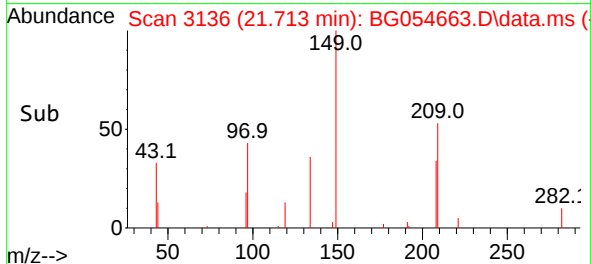
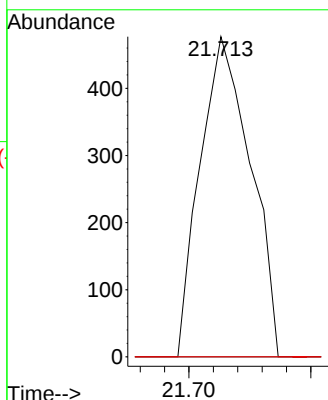
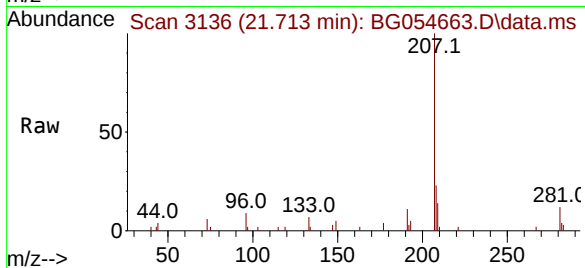




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng/ul
 RT: 21.713 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BG054663.D
 Acq: 19 Aug 2022 13:36

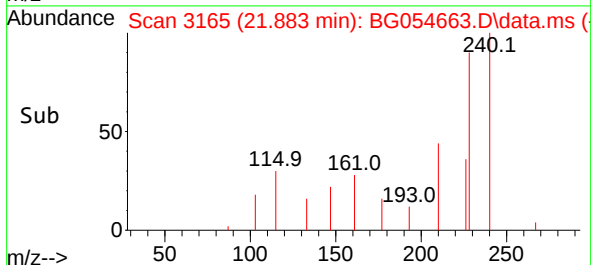
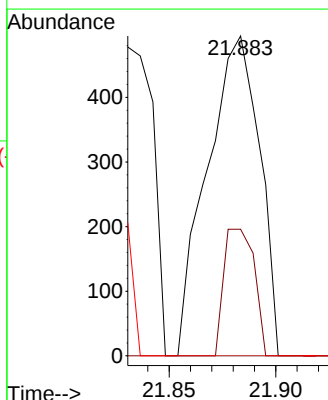
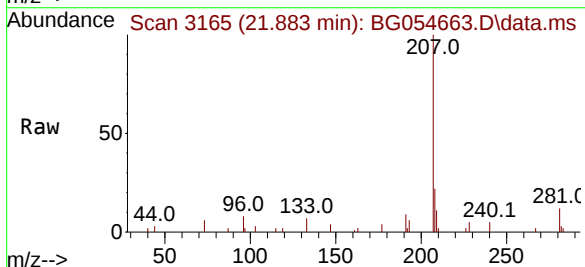
Instrument :
 BNA_G
 ClientSampleId :

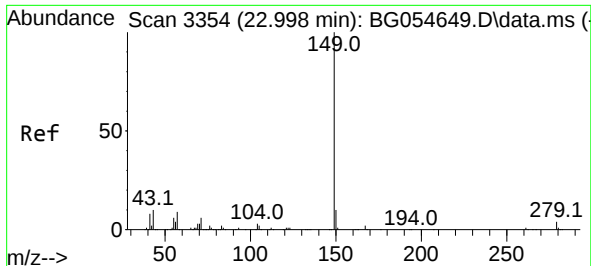
Tgt Ion:149 Resp: 686
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.5 32.3#
 279 0.0 3.4 5.0#



#87
 Chrysene
 Concen: 0.055 ng/ul
 RT: 21.883 min Scan# 3165
 Delta R.T. -0.006 min
 Lab File: BG054663.D
 Acq: 19 Aug 2022 13:36

Tgt Ion:228 Resp: 844
 Ion Ratio Lower Upper
 228 100
 226 39.6 24.6 36.8#
 229 0.0 16.0 24.0#

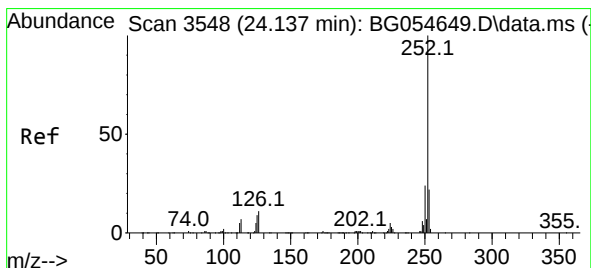
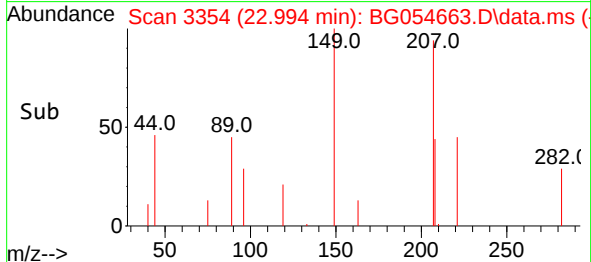
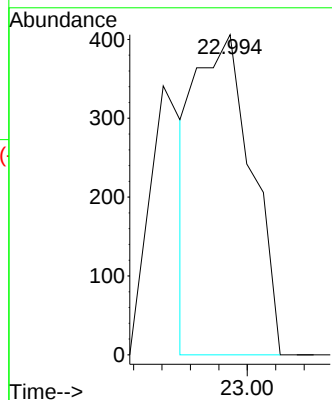
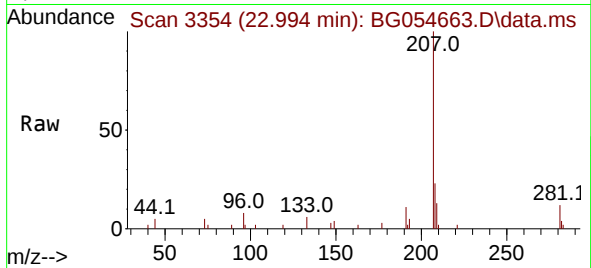




#89
Di-n-octyl phthalate
Concen: 0.039 ng/ul
RT: 22.994 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

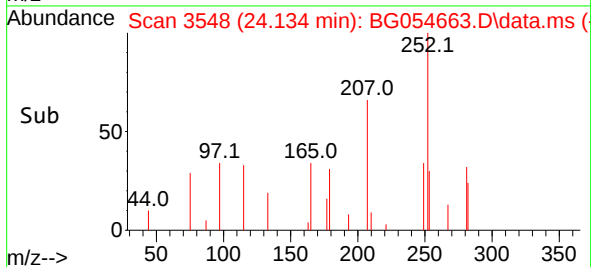
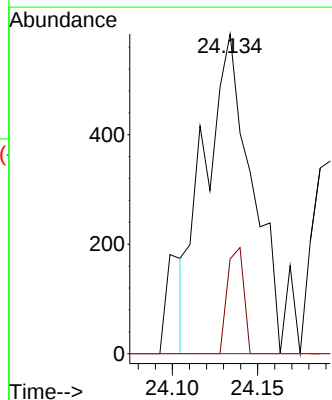
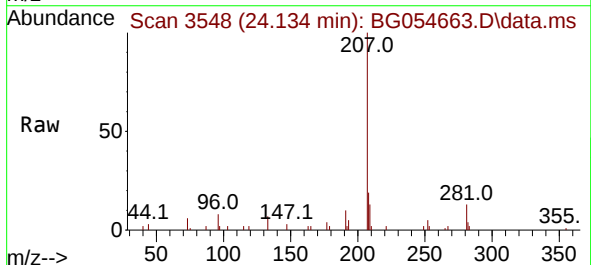
Instrument :
BNA_G
ClientSampleId :

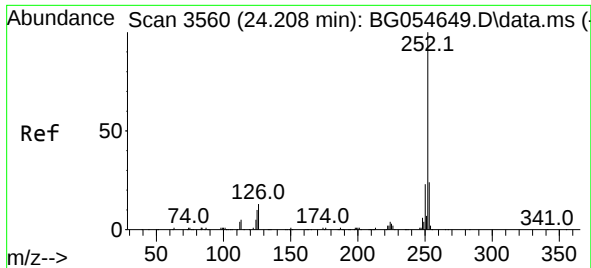
Tgt Ion:149 Resp: 558



#90
Benzo(b)fluoranthene
Concen: 0.069 ng/ul
RT: 24.134 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Tgt Ion:252 Resp: 1125
Ion Ratio Lower Upper
252 100
253 29.6 17.7 26.5#
125 0.0 7.4 11.0#

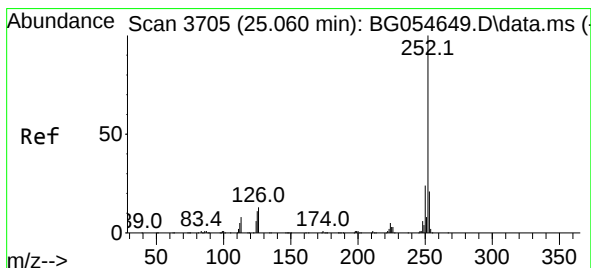
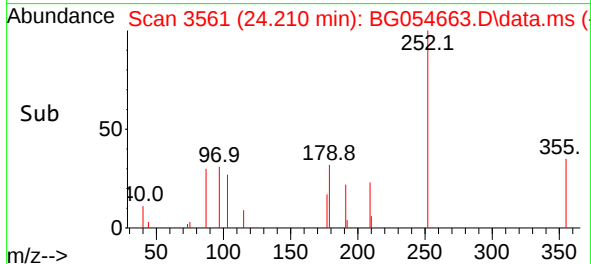
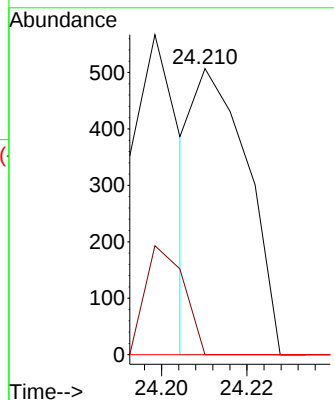
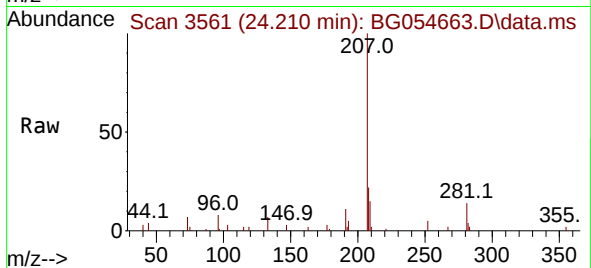




#91
Benzo(k)fluoranthene
Concen: 0.029 ng/ul
RT: 24.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

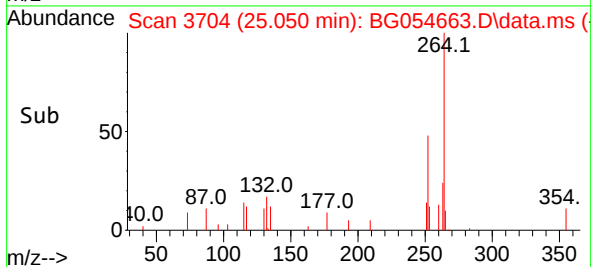
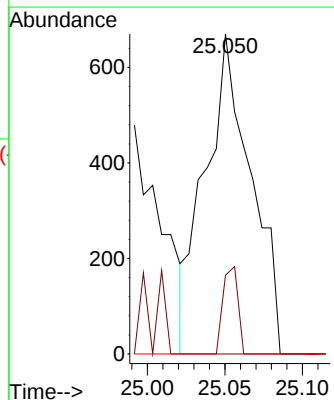
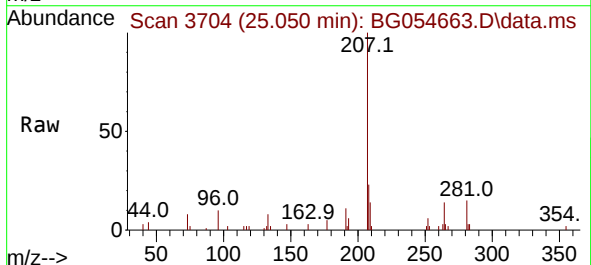
Instrument :
BNA_G
ClientSampleId :

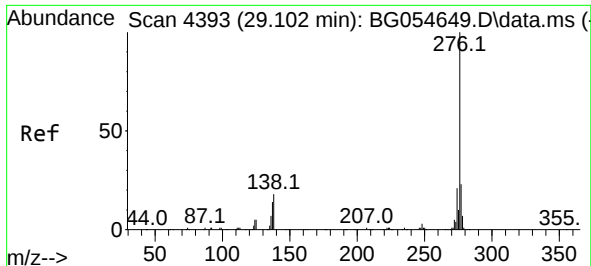
Tgt Ion:252 Resp: 437
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 7.6 11.4#



#93
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 25.050 min Scan# 3704
Delta R.T. -0.006 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Tgt Ion:252 Resp: 1375
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.4
125 0.0 9.0 13.6#

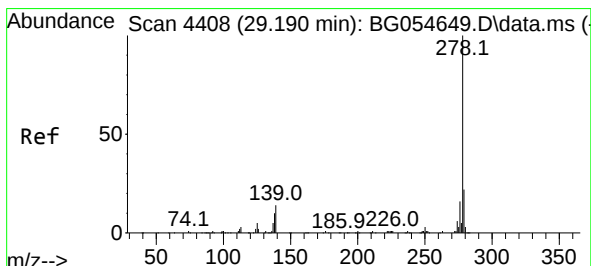
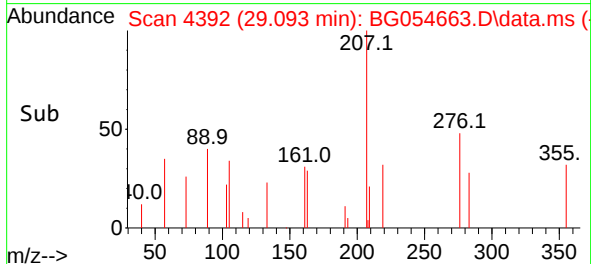
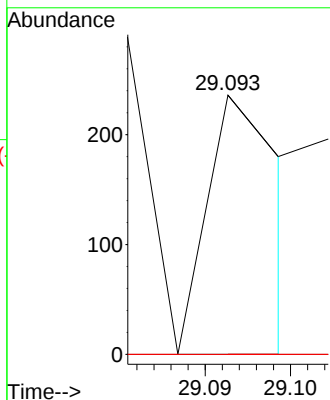
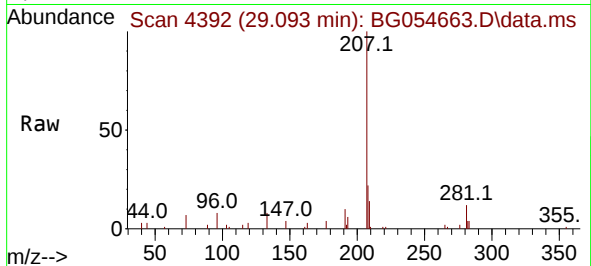




#94
Indeno(1,2,3-cd)pyrene
Concen: 0.008 ng/ul
RT: 29.093 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

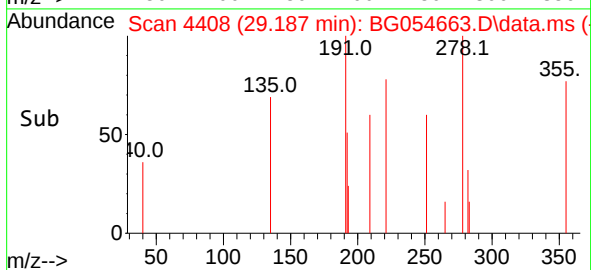
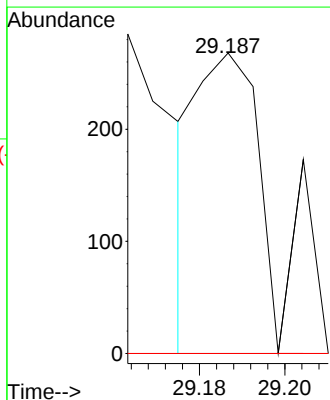
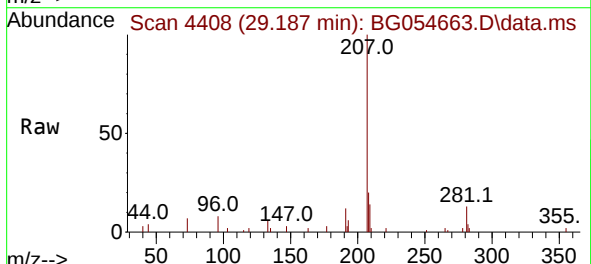
Instrument :
BNA_G
ClientSampleId :

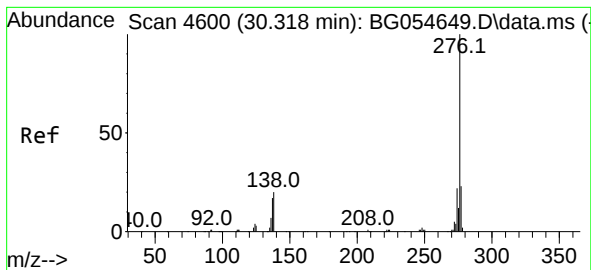
Tgt Ion:276 Resp: 147
Ion Ratio Lower Upper
276 100
138 0.0 14.5 21.7#
277 0.0 18.3 27.5#



#95
Dibenzo(a,h)anthracene
Concen: 0.017 ng/ul
RT: 29.187 min Scan# 4408
Delta R.T. -0.000 min
Lab File: BG054663.D
Acq: 19 Aug 2022 13:36

Tgt Ion:278 Resp: 264
Ion Ratio Lower Upper
278 100
139 0.0 11.2 16.8#
279 0.0 19.6 29.4#





#96

Benzo(g,h,i)perylene

Concen: 0.010 ng/ul

RT: 30.315 min Scan# 4

Delta R.T. -0.006 min

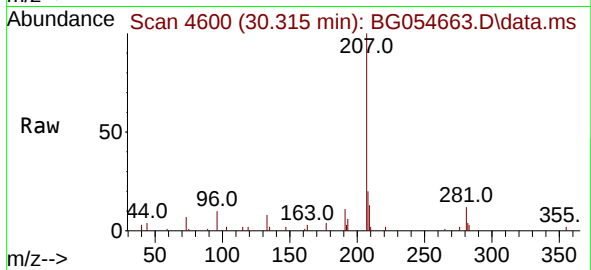
Lab File: BG054663.D

Acq: 19 Aug 2022 13:36

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 155

Ion Ratio Lower Upper

276 100

138 0.0 15.4 23.2#

277 0.0 19.5 29.3#

