

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
 Data File : BG056839.D
 Acq On : 6 Mar 2023 13:16
 Operator : CG/JU
 Sample : 01712-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DBZX0MSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 01:38:22 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 02 00:12:28 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	14436	20.000	ng/u1	0.00
20) Naphthalene-d8	11.253	136	61852	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.019	164	49997	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.751	188	125138	20.000	ng/u1	0.00
79) Chrysene-d12	22.058	240	117064	20.000	ng/u1	0.00
88) Perylene-d12	25.583	264	128278	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	1954	7.508	ng/uL	0.00
4) Pyridine-d5	4.132	84	36858	35.089	ng/u1	0.00
7) Phenol-d5	7.539	99	50016	34.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.716	67	29349	33.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	31101	32.419	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	36807	33.345	ng/u1	0.00
21) Nitrobenzene-d5	9.584	128	17720	34.186	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	20669	33.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.853	165	40943	35.223	ng/u1	0.00
31) 4-Chloroaniline-d4	11.376	131	47317	31.210	ng/u1	0.00
46) Dimethylphthalate-d6	14.402	166	135842	33.675	ng/u1	0.00
49) Acenaphthylene-d8	14.719	160	156023	34.031	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	22182	31.894	ng/u1	0.00
60) Fluorene-d10	16.000	176	131098	35.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	26771	31.976	ng/u1	0.00
73) Anthracene-d10	17.851	188	200412	33.012	ng/u1	0.00
81) Pyrene-d10	20.113	212	247836	31.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.342	264	238055	34.381	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.738	88	5186m	16.162	ng/uL	
5) Pyridine	4.155	79	41013	36.868	ng/u1	94
6) Benzaldehyde	7.539	77	36091	47.687	ng/u1	95
8) Phenol	7.569	94	53541	36.336	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.815	93	36218	34.594	ng/u1	97
12) 2-Chlorophenol	7.974	128	32602	34.317	ng/u1	97
13) 2-Methylphenol	8.844	108	37602	33.832	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.932	45	49417	35.126	ng/u1	98
16) Acetophenone	9.243	105	65351	34.573	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.220	70	37377	34.463	ng/u1	97
18) 4-Methylphenol	9.173	108	42337	35.056	ng/u1	93
19) Hexachloroethane	9.519	117	14016	34.694	ng/u1	91
22) Nitrobenzene	9.631	77	57936	38.544	ng/u1	99
23) Isophorone	10.154	82	103698	35.288	ng/u1	98
25) 2-Nitrophenol	10.348	139	20719	34.018	ng/u1#	92
26) 2,4-Dimethylphenol	10.389	107	47966	35.264	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.630	93	52959	35.654	ng/u1	98
29) 2,4-Dichlorophenol	10.882	162	41630	36.984	ng/u1	97
30) Naphthalene	11.300	128	120150	35.291	ng/u1	97
32) 4-Chloroaniline	11.400	127	46476	30.947	ng/u1#	88
33) Hexachlorobutadiene	11.582	225	32500	36.227	ng/u1	91
34) Caprolactam	12.140	113	14403m	37.638	ng/u1	
35) 4-Chloro-3-methylphenol	12.481	107	46754	36.155	ng/u1	95
36) 2-Methylnaphthalene	12.874	142	87641	35.944	ng/u1	100

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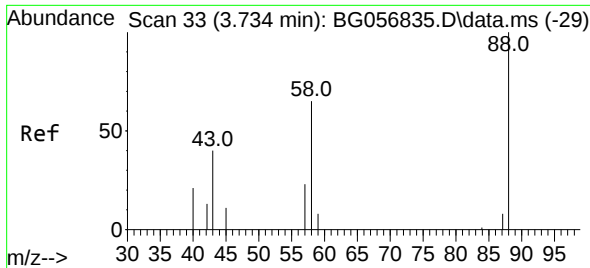
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.092	142	89393	37.185	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.233	216	65056	36.701	ng/ul	99
40) Hexachlorocyclopentadiene	13.209	237	36620	28.831	ng/ul	99
41) 2,4,6-Trichlorophenol	13.462	196	41775	35.270	ng/ul	93
42) 2,4,5-Trichlorophenol	13.532	196	46281	35.986	ng/ul	99
43) 1,1'-Biphenyl	13.861	154	128812	35.037	ng/ul	99
44) 2-Chloronaphthalene	13.908	162	107476	35.332	ng/ul	94
45) 2-Nitroaniline	14.096	65	38003	35.993	ng/ul	93
47) Dimethylphthalate	14.449	163	139717	34.059	ng/ul#	98
48) 2,6-Dinitrotoluene	14.578	165	29779	35.412	ng/ul#	82
50) Acenaphthylene	14.749	152	163858	35.378	ng/ul	99
51) 3-Nitroaniline	14.907	138	25499	33.881	ng/ul	88
52) Acenaphthene	15.083	153	112985	35.511	ng/ul	96
53) 2,4-Dinitrophenol	15.113	184	18152	33.695	ng/ul#	82
55) 4-Nitrophenol	15.195	109	29503	36.648	ng/ul	90
56) Dibenzofuran	15.412	168	170621	35.326	ng/ul	95
57) 2,4-Dinitrotoluene	15.360	165	41718	34.604	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.630	232	42826	35.783	ng/ul	97
59) Diethylphthalate	15.800	149	140001	34.094	ng/ul	98
61) Fluorene	16.059	166	133577	34.539	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.035	204	81461	35.561	ng/ul	96
63) 4-Nitroaniline	16.065	138	26482	36.013	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.118	198	26675	33.095	ng/ul	96
67) N-Nitrosodiphenylamine	16.247	169	116535	33.489	ng/ul	97
68) 4-Bromophenyl-phenylether	16.928	248	55254	34.842	ng/ul	97
69) Hexachlorobenzene	17.058	284	59664	35.020	ng/ul	95
70) Atrazine	17.181	200	50112	33.157	ng/ul	97
71) Pentachlorophenol	17.398	266	32672m	33.773	ng/ul	
72) Phenanthrene	17.792	178	235761	34.781	ng/ul	99
74) Anthracene	17.886	178	229922	33.565	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.832	216	68540	35.802	ng/uL	98
76) Pentachlorobenzene	15.330	250	68257	35.155	ng/uL	92
77) Carbazole	18.145	167	200257	34.939	ng/ul	98
78) Di-n-butylphthalate	18.673	149	223679	33.861	ng/ul	99
80) Fluoranthene	19.778	202	294476	30.745	ng/ul	99
82) Pyrene	20.136	202	293917	31.148	ng/ul	99
83) Butylbenzylphthalate	20.994	149	96273	32.161	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.934	252	85131	29.005	ng/ul	97
85) Benzo(a)anthracene	22.040	228	298474	35.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.899	149	141055	33.544	ng/ul	98
87) Chrysene	22.110	228	278201	35.058	ng/ul	100
89) Di-n-octyl phthalate	23.209	149	235826	33.815	ng/ul	100
90) Benzo(b)fluoranthene	24.455	252	304026m	35.403	ng/ul	
91) Benzo(k)fluoranthene	24.525	252	293444	35.082	ng/ul	98
93) Benzo(a)pyrene	25.418	252	259315	34.353	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.643	276	360651	35.171	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.707	278	295122	34.421	ng/ul#	95
96) Benzo(g,h,i)perylene	30.930	276	288855	35.265	ng/ul	98

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Supervised By : Jagrut Upadhyay

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



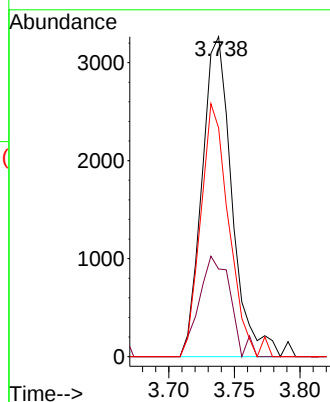
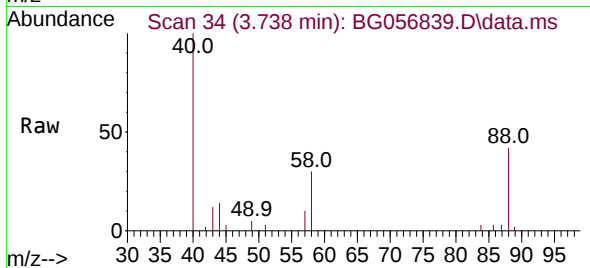
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1,4-Dioxane
Concen: 16.162 ng/uL m
RT: 3.738 min Scan# 34
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :
BNA_G
ClientSampleId :
DBZX0MSD

Tgt Ion: 88 Resp: 5186
Ion Ratio Lower Upper
88 100
43 27.4 28.3 42.5
58 71.5 50.6 75.8

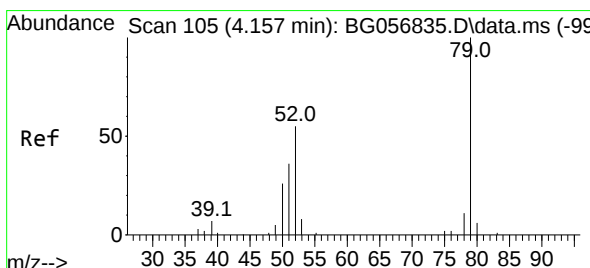
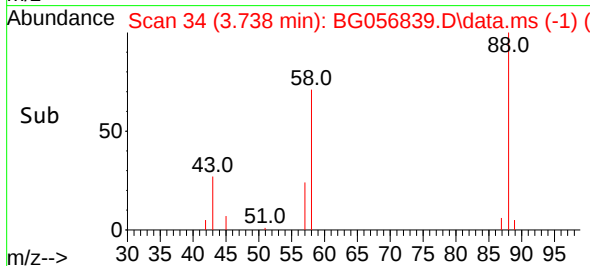
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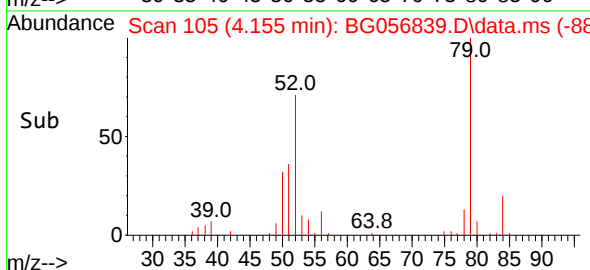
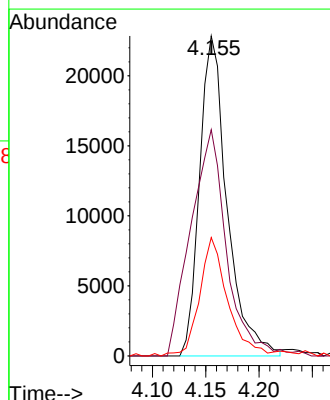
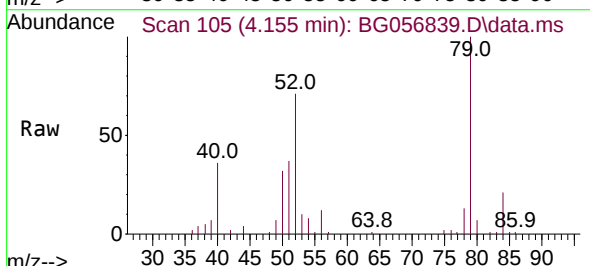
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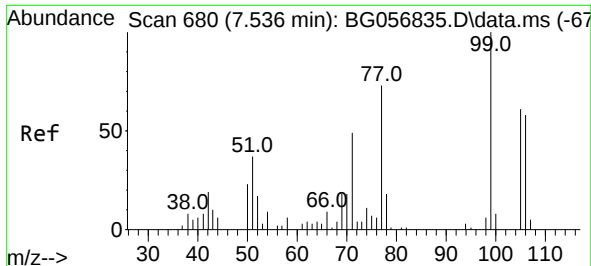
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#5
Pyridine
Concen: 36.868 ng/uL
RT: 4.155 min Scan# 105
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion: 79 Resp: 41013
Ion Ratio Lower Upper
79 100
52 70.7 60.6 91.0
51 37.0 31.9 47.9





#6
Benzaldehyde
Concen: 47.687 ng/ul
RT: 7.539 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

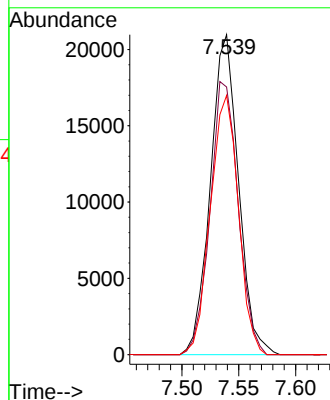
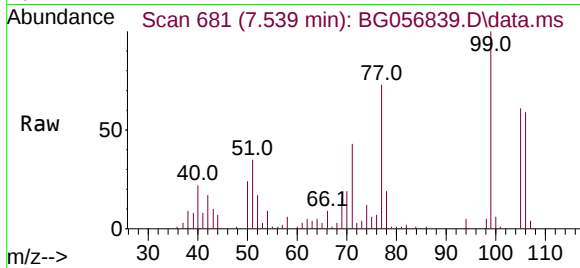
ClientSampleId :

DBZX0MSD

Tgt Ion: 77 Resp: 36091
Ion Ratio Lower Upper
77 100
105 83.6 72.2 108.4
106 81.0 67.4 101.2

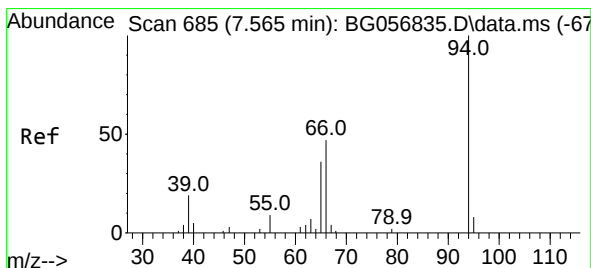
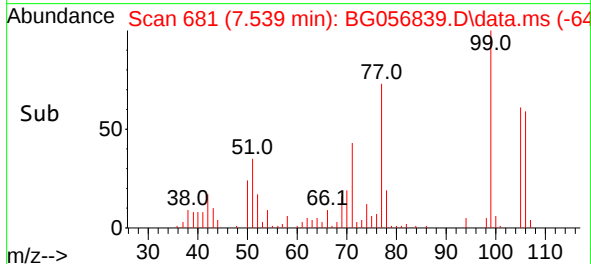
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Supervised By :Jagrut Upadhyay 03/07/2023



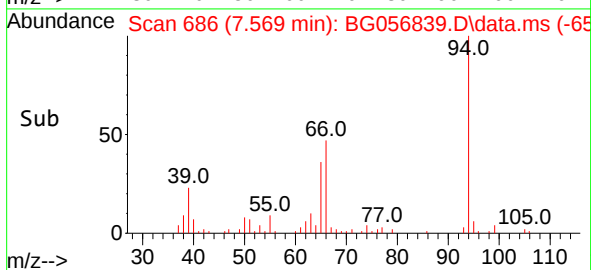
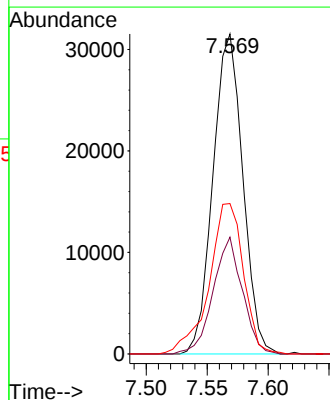
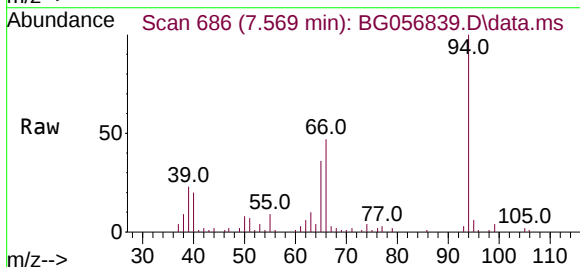
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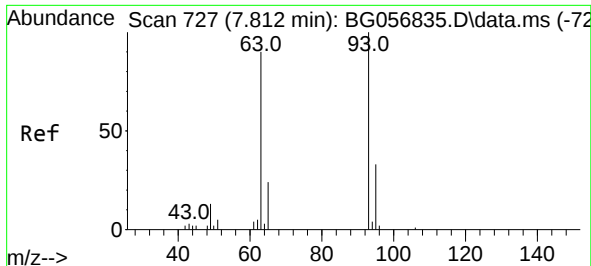
03/07/2023



#8
Phenol
Concen: 36.336 ng/ul
RT: 7.569 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

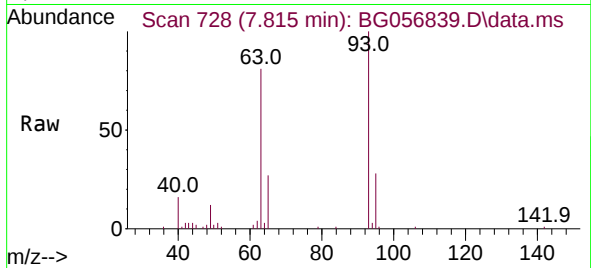
Tgt Ion: 94 Resp: 53541
Ion Ratio Lower Upper
94 100
65 36.5 25.7 38.5
66 47.0 38.9 58.3





#10
Bis(2-Chloroethyl)ether
Concen: 34.594 ng/ul
RT: 7.815 min Scan# 727
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

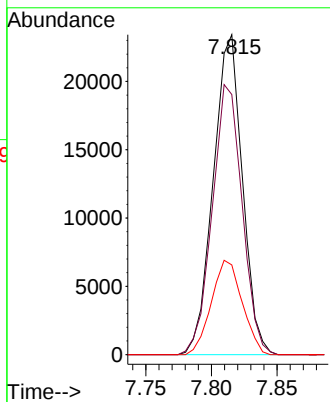
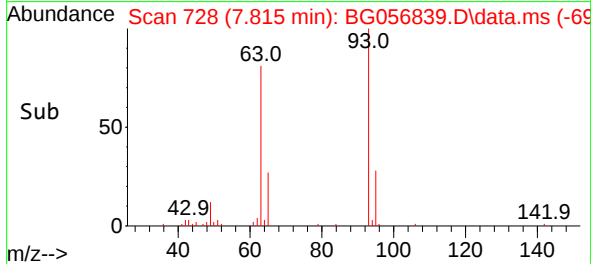
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion: 93 Resp: 36218
Ion Ratio Lower Upper
93 100
63 81.3 66.6 100.0
95 28.0 25.0 37.4

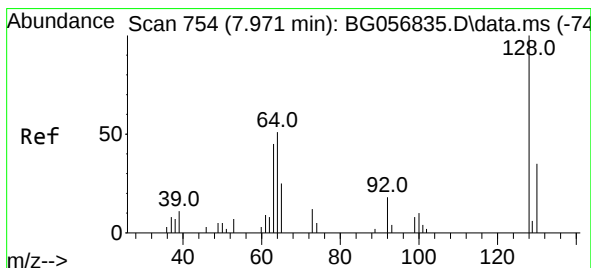
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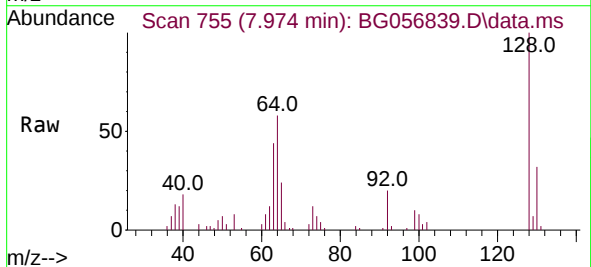


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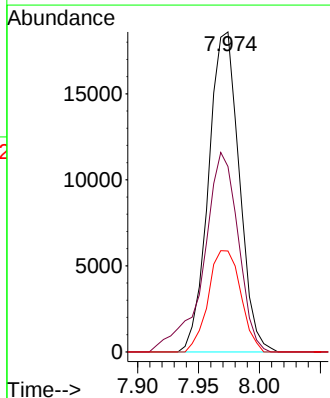
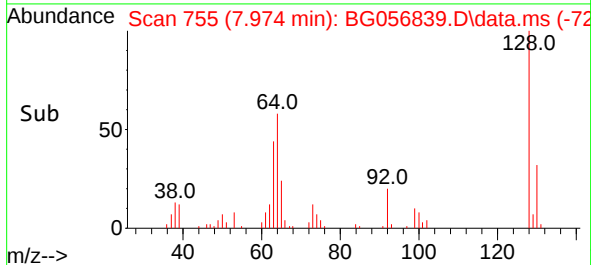
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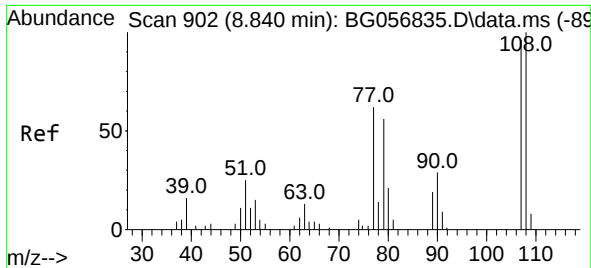


#12
2-Chlorophenol
Concen: 34.317 ng/ul
RT: 7.974 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:128 Resp: 32602
Ion Ratio Lower Upper
128 100
64 57.9 45.5 68.3
130 31.5 27.7 41.5





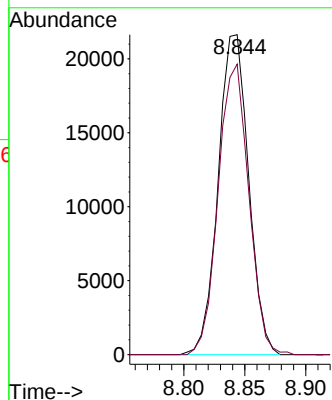
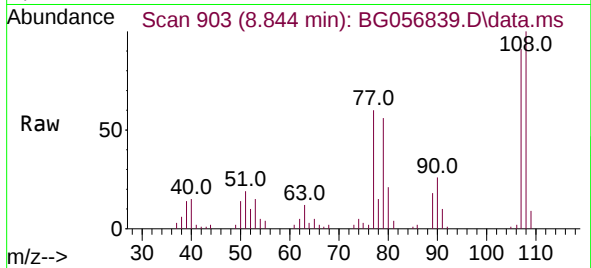
#13
2-Methylphenol
Concen: 33.832 ng/ul
RT: 8.844 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:108 Resp: 37602
Ion Ratio Lower Upper
108 100
107 90.8 73.4 110.0

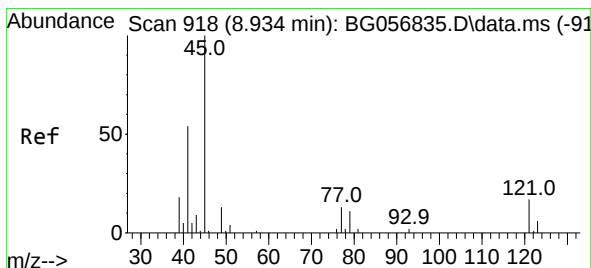
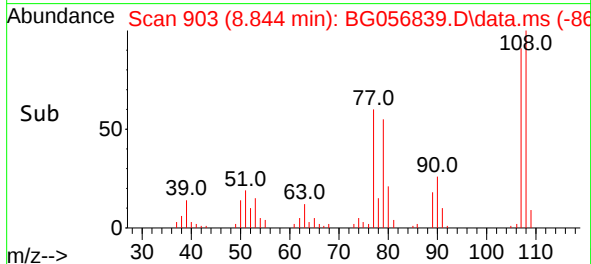
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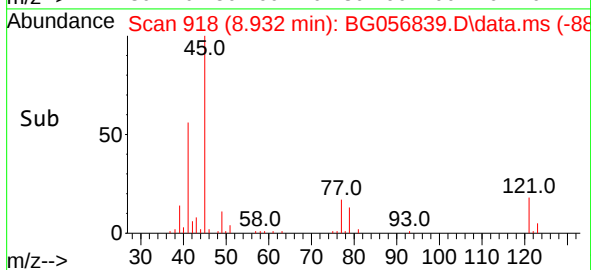
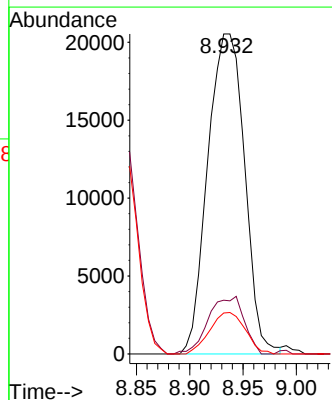
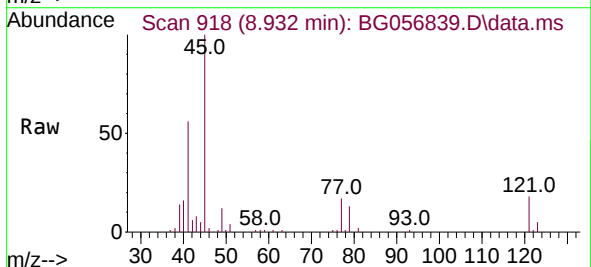
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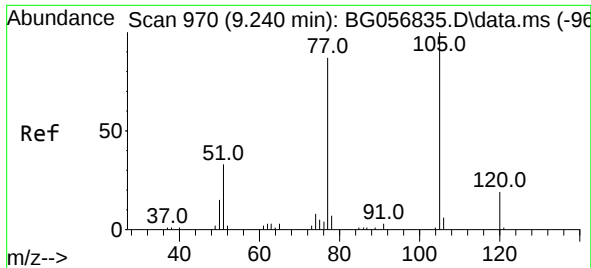
03/07/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.126 ng/ul
RT: 8.932 min Scan# 918
Delta R.T. -0.002 min
Lab File: BG056839.D
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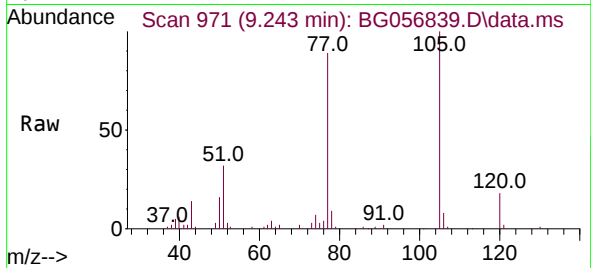
Tgt Ion: 45 Resp: 49417
Ion Ratio Lower Upper
45 100
77 16.8 12.4 18.6
79 12.8 9.8 14.6





#16
Acetophenone
Concen: 34.573 ng/ul
RT: 9.243 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

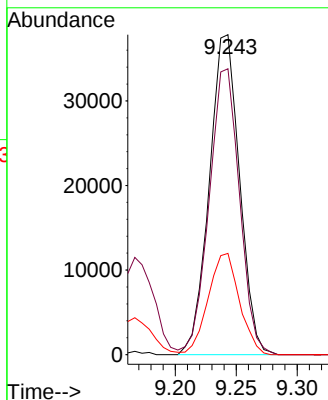
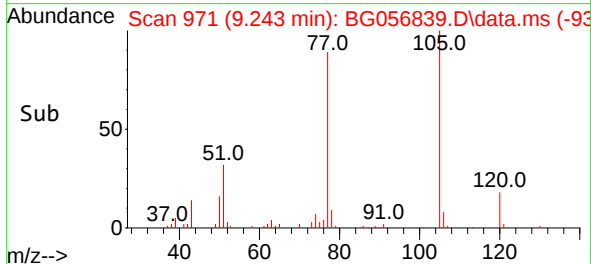
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:105 Resp: 6535
Ion Ratio Lower Upper
105 100
77 89.3 71.4 107.0
51 31.6 23.6 35.4

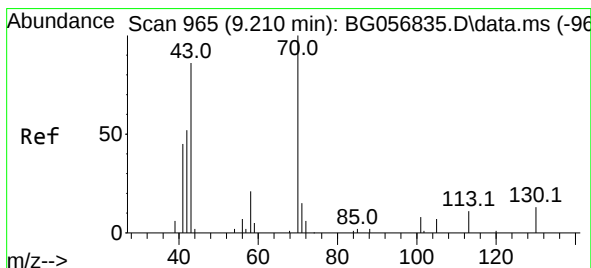
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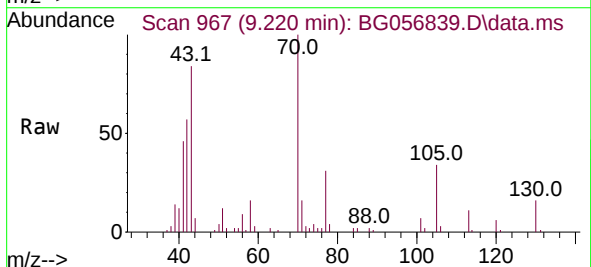


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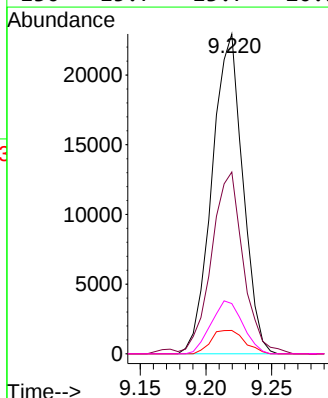
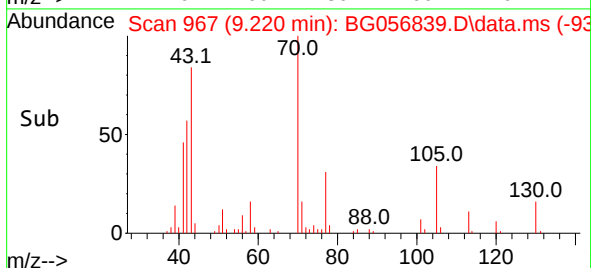
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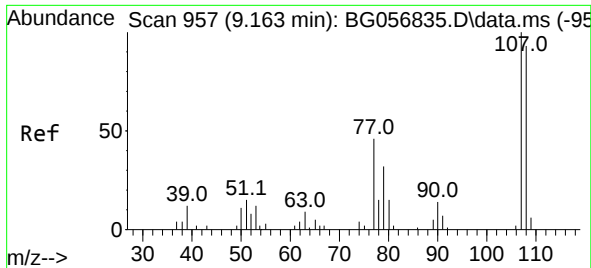


#17
N-Nitroso-di-n-propylamine
Concen: 34.463 ng/ul
RT: 9.220 min Scan# 967
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion: 70 Resp: 37377
Ion Ratio Lower Upper
70 100
42 56.8 46.6 70.0
101 7.3 7.3 10.9
130 15.7 13.7 20.5





#18
4-Methylphenol
Concen: 35.056 ng/ul
RT: 9.173 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

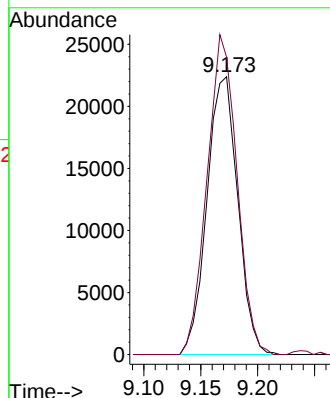
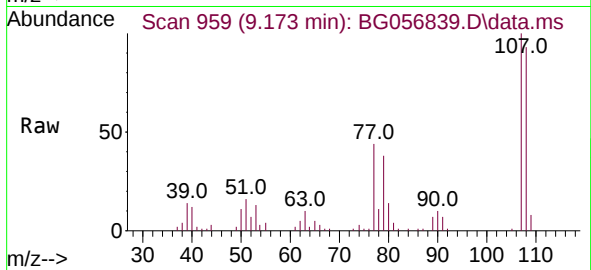
ClientSampleId :

DBZX0MSD

Tgt Ion:108 Resp: 4233
Ion Ratio Lower Upper
108 100
107 107.0 92.1 138.1

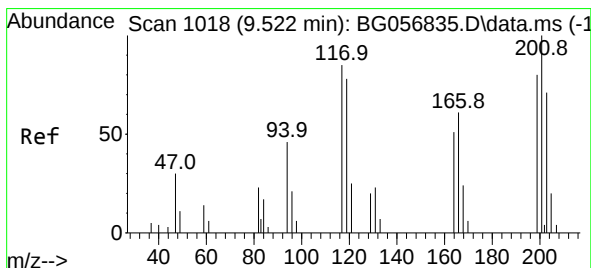
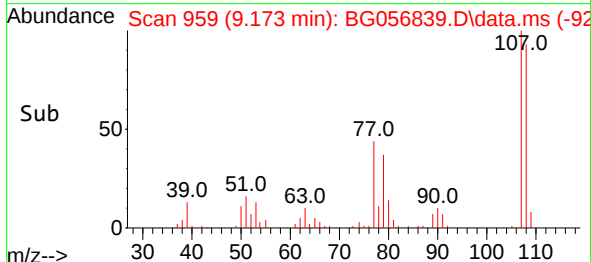
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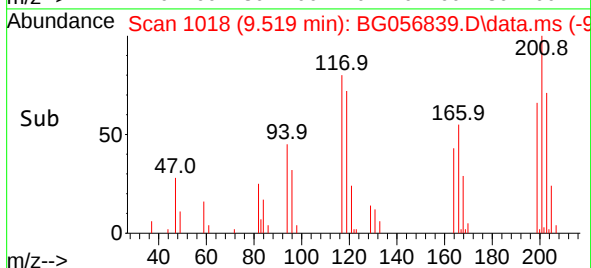
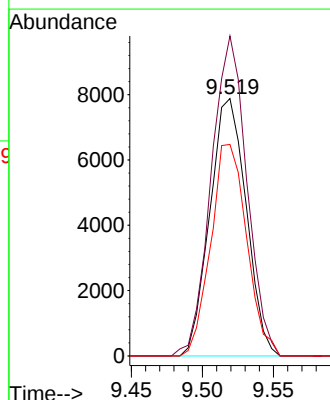
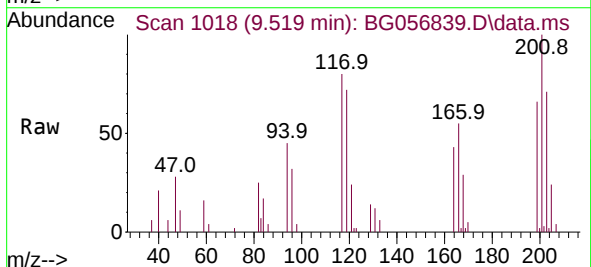
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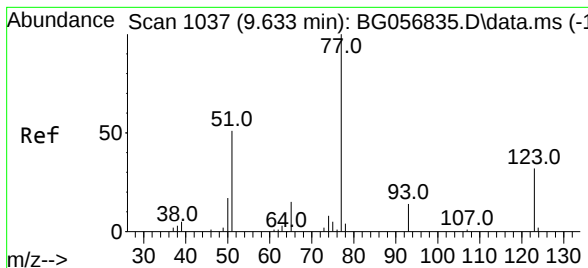
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#19
Hexachloroethane
Concen: 34.694 ng/ul
RT: 9.519 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:117 Resp: 14016
Ion Ratio Lower Upper
117 100
201 127.9 95.2 142.8
199 82.2 57.9 86.9





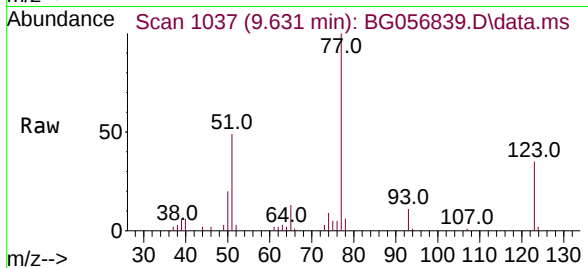
#22
 Nitrobenzene
 Concen: 38.544 ng/ul
 RT: 9.631 min Scan# 1037
 Delta R.T. -0.002 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

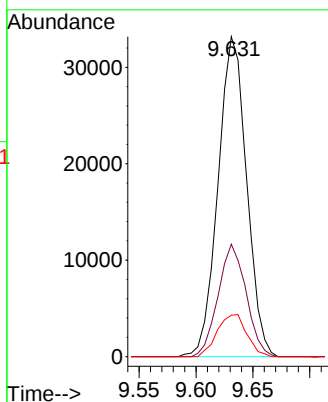
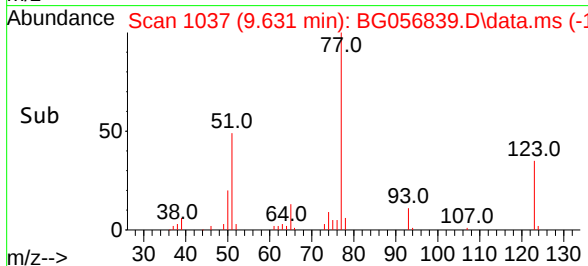
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Tgt Ion: 77 Resp: 57936
 Ion Ratio Lower Upper
 77 100
 123 35.2 27.8 41.6
 65 12.9 10.6 16.0

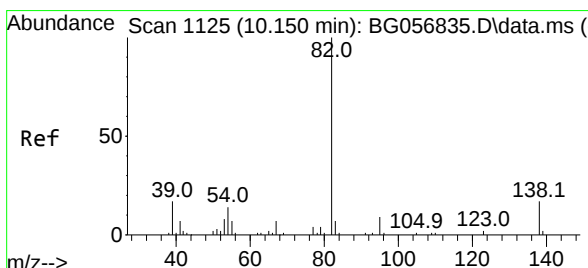
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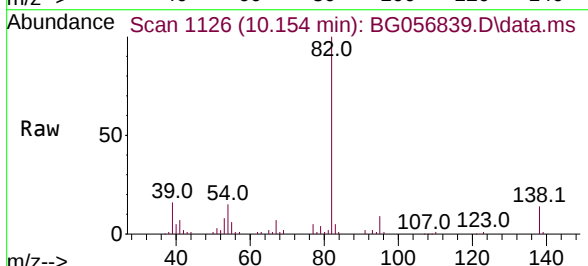


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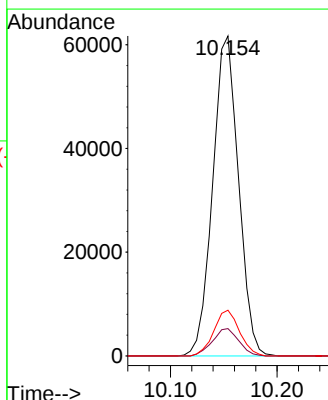
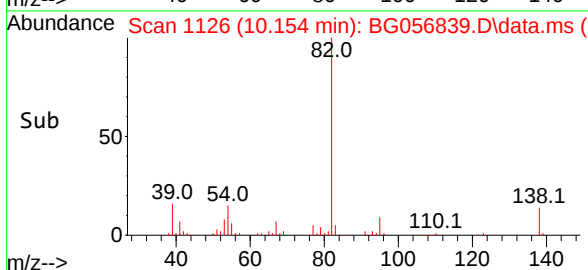
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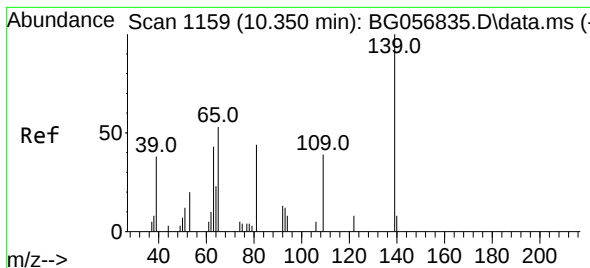


#23
 Isophorone
 Concen: 35.288 ng/ul
 RT: 10.154 min Scan# 1126
 Delta R.T. -0.002 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16



Tgt Ion: 82 Resp: 103698
 Ion Ratio Lower Upper
 82 100
 95 8.5 7.7 11.5
 138 14.3 12.1 18.1





#25
2-Nitrophenol
Concen: 34.018 ng/ul
RT: 10.348 min Scan# 1159
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

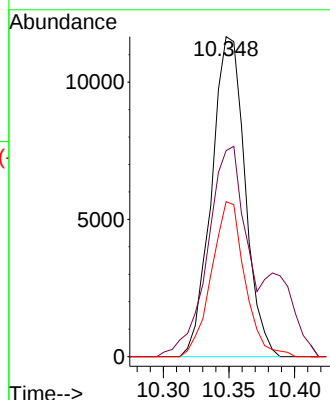
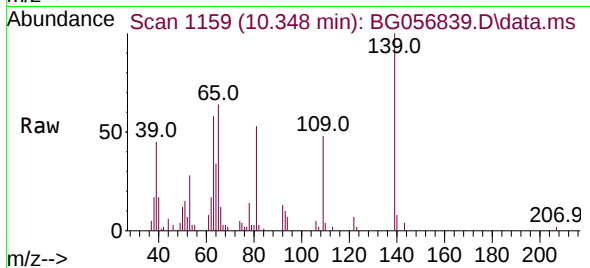
DBZX0MSD

Tgt Ion:139 Resp: 20719
Ion Ratio Lower Upper
139 100
65 64.4 49.4 74.2
109 48.4 31.6 47.4

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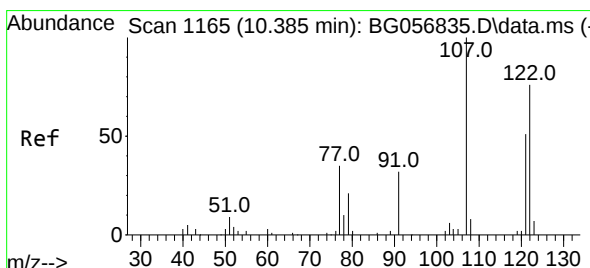
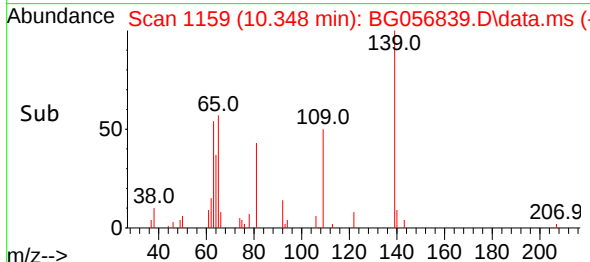
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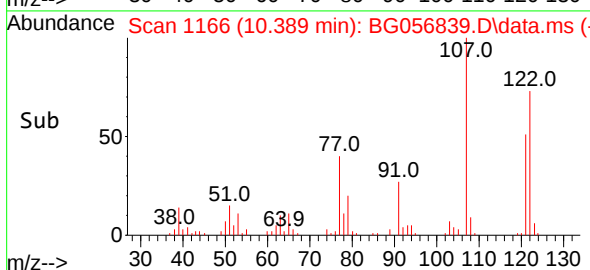
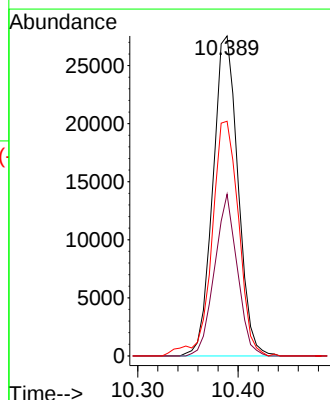
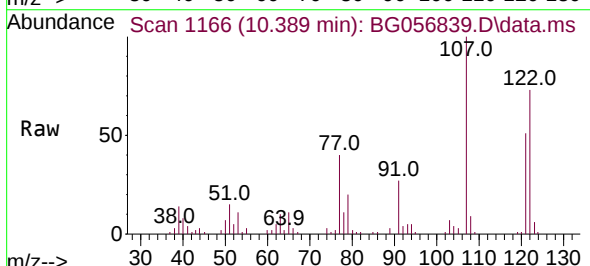
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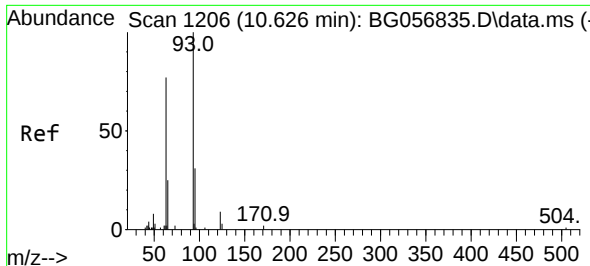
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#26
2,4-Dimethylphenol
Concen: 35.264 ng/ul
RT: 10.389 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:107 Resp: 47966
Ion Ratio Lower Upper
107 100
121 50.5 40.2 60.4
122 73.3 63.1 94.7





#27
Bis(2-Chloroethoxy)methane
Concen: 35.654 ng/ul
RT: 10.630 min Scan# 1207
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

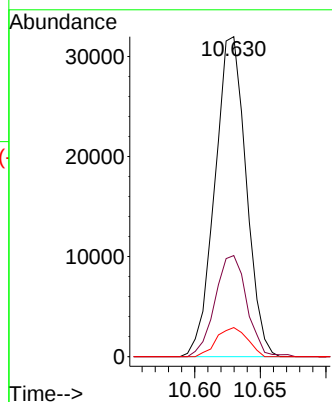
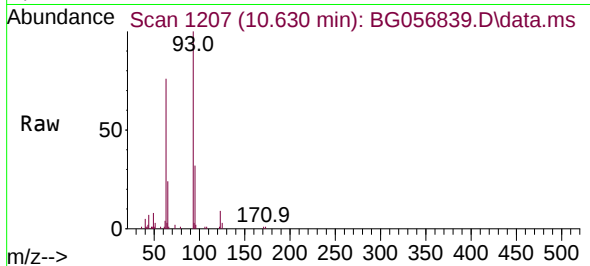
ClientSampleId :

DBZX0MSD

Tgt Ion: 93 Resp: 52959
Ion Ratio Lower Upper
93 100
95 31.6 24.6 37.0
123 9.1 6.6 10.0

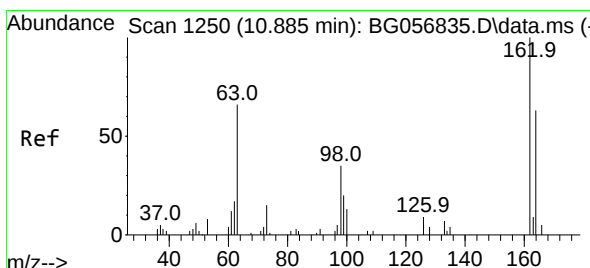
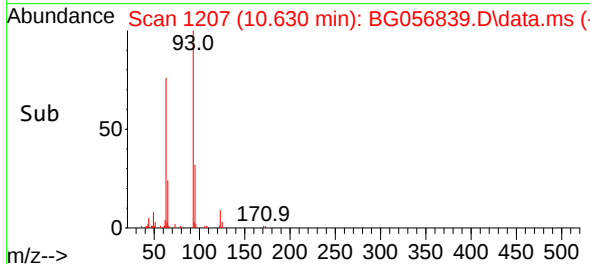
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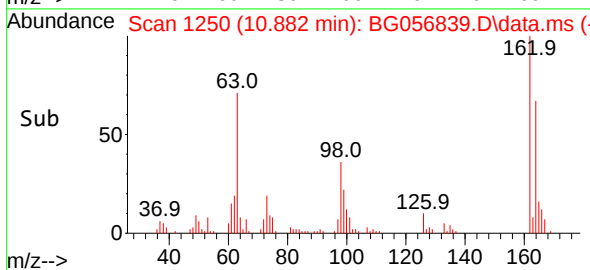
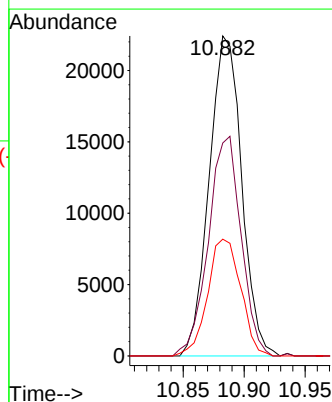
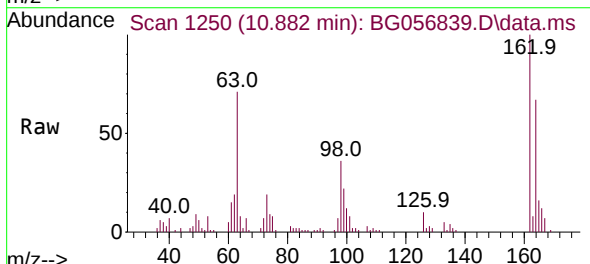
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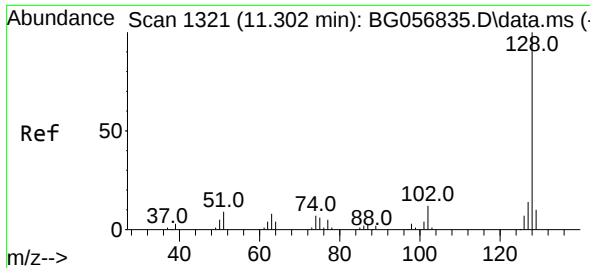
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#29
2,4-Dichlorophenol
Concen: 36.984 ng/ul
RT: 10.882 min Scan# 1250
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

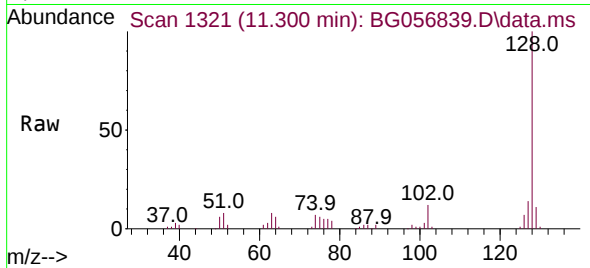
Tgt Ion:162 Resp: 41630
Ion Ratio Lower Upper
162 100
164 66.5 53.3 79.9
98 36.5 25.5 38.3





#30
Naphthalene
Concen: 35.291 ng/ul
RT: 11.300 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

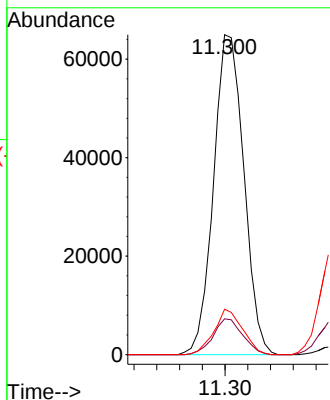
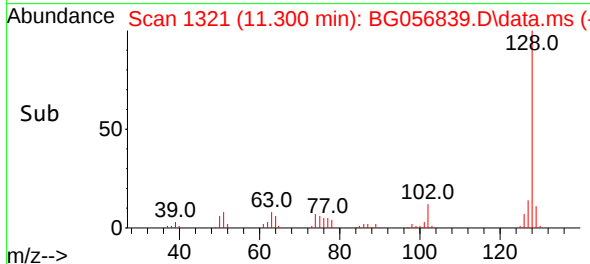
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:128 Resp: 120150
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.2 9.8 14.8

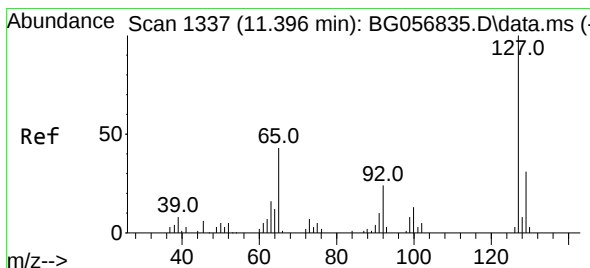
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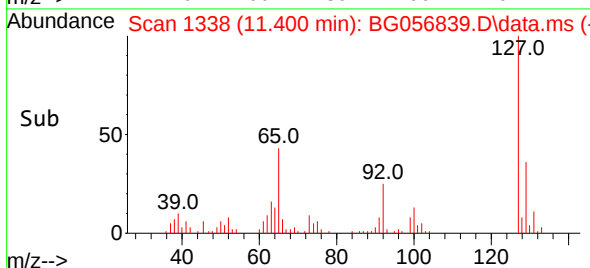
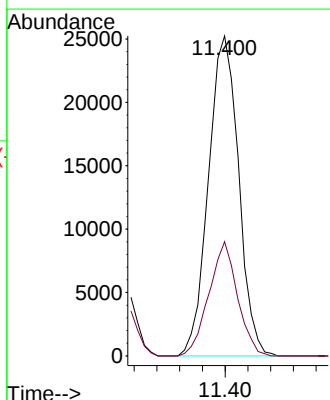
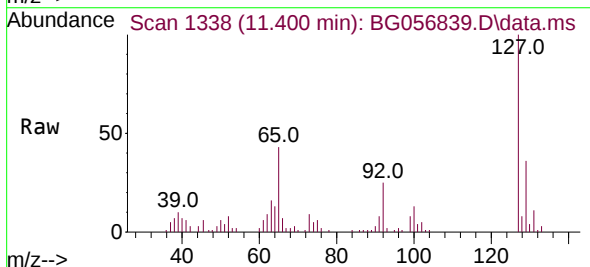
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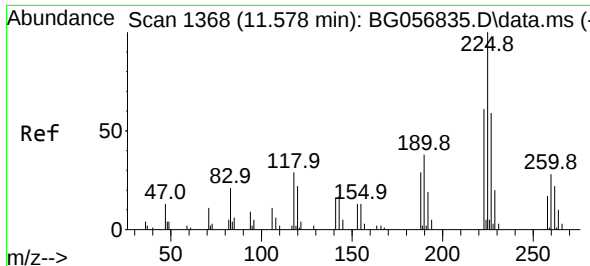
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#32
4-Chloroaniline
Concen: 30.947 ng/ul
RT: 11.400 min Scan# 1338
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:127 Resp: 46476
Ion Ratio Lower Upper
127 100
129 35.7 23.4 35.0#





#33
Hexachlorobutadiene
Concen: 36.227 ng/ul
RT: 11.582 min Scan# 1368
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

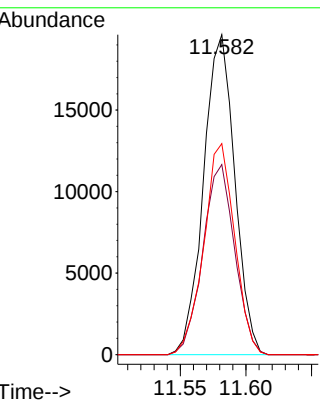
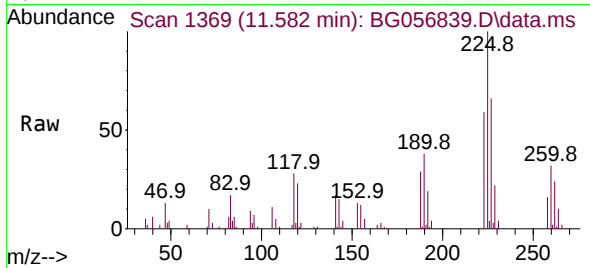
ClientSampleId :

DBZX0MSD

Tgt Ion:225 Resp: 32500
Ion Ratio Lower Upper
225 100
223 59.4 53.5 80.3
227 65.9 58.2 87.2

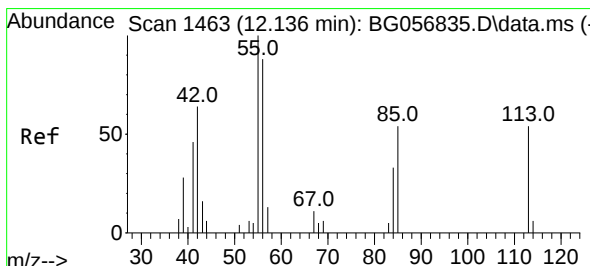
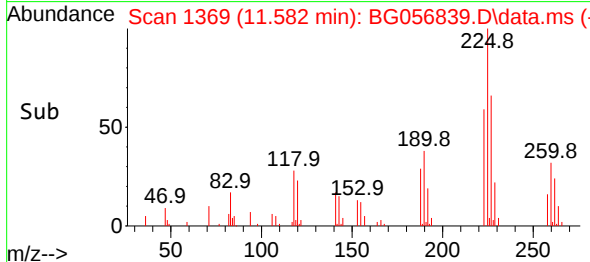
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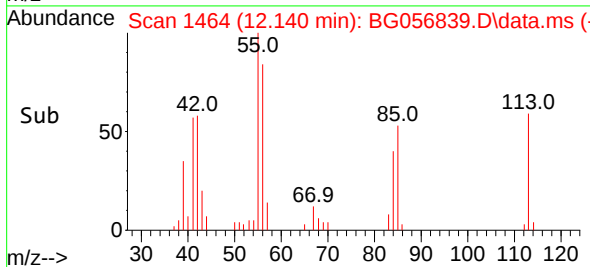
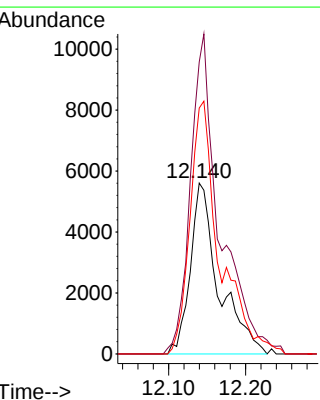
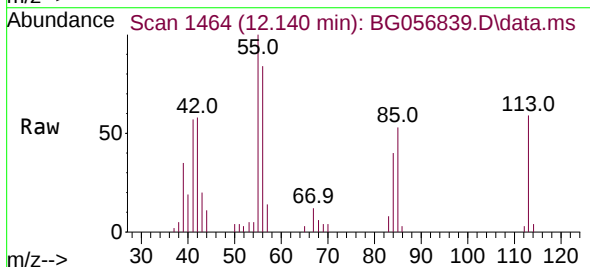
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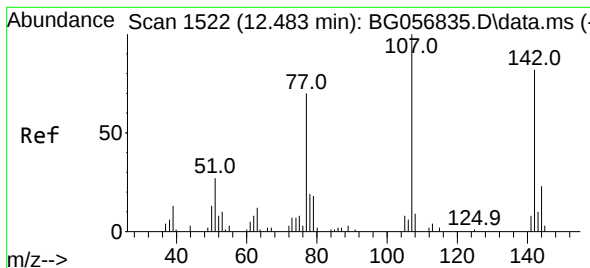
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#34
Caprolactam
Concen: 37.638 ng/ul m
RT: 12.140 min Scan# 1464
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

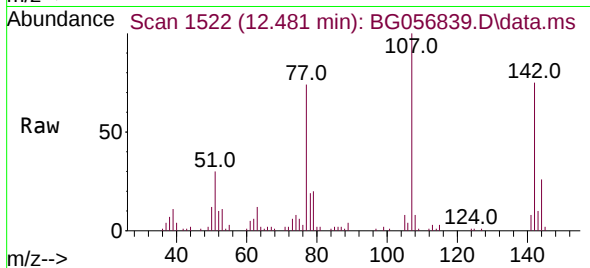
Tgt Ion:113 Resp: 14403
Ion Ratio Lower Upper
113 100
55 170.8 167.0 250.6
56 143.8 113.5 170.3





#35
4-Chloro-3-methylphenol
Concen: 36.155 ng/ul
RT: 12.481 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

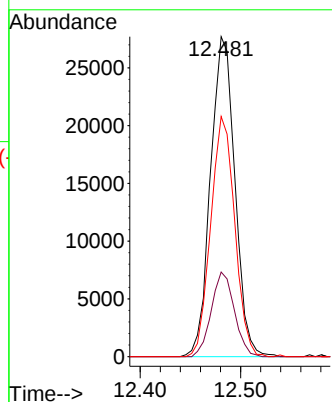
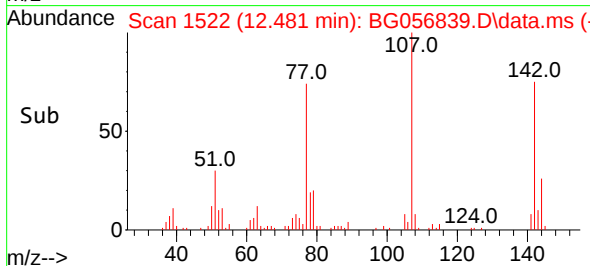
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:107 Resp: 46754
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 75.0 55.8 83.6

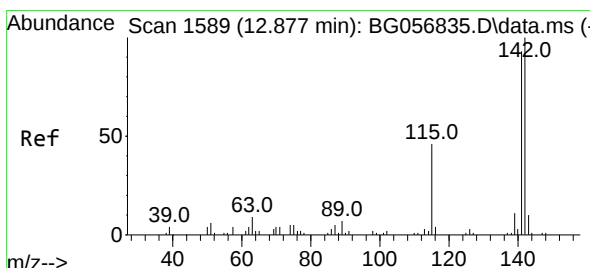
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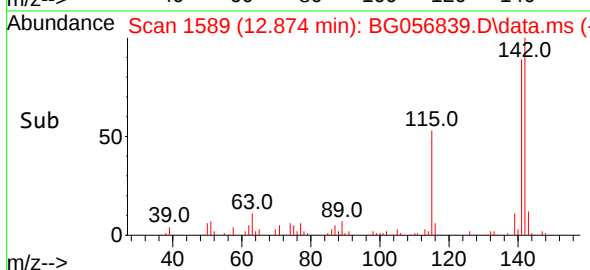
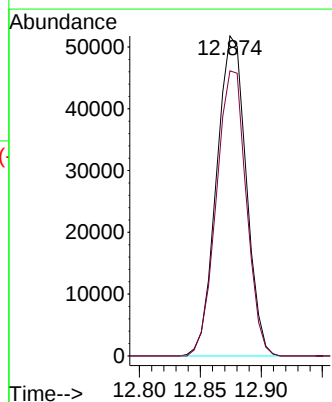
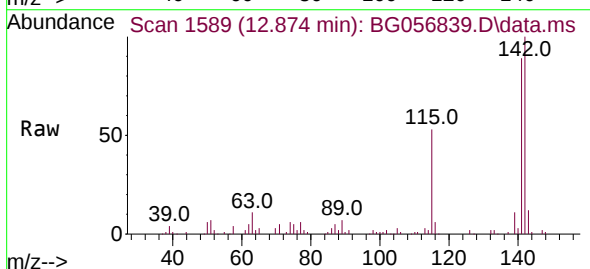
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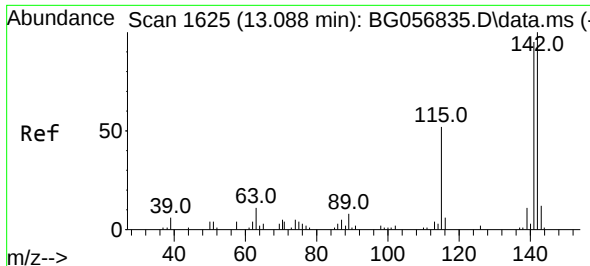
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#36
2-Methylnaphthalene
Concen: 35.944 ng/ul
RT: 12.874 min Scan# 1589
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:142 Resp: 87641
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6





#37

1-Methylnaphthalene

Concen: 37.185 ng/ul

RT: 13.092 min Scan# 1625

Delta R.T. -0.002 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

DBZX0MSD

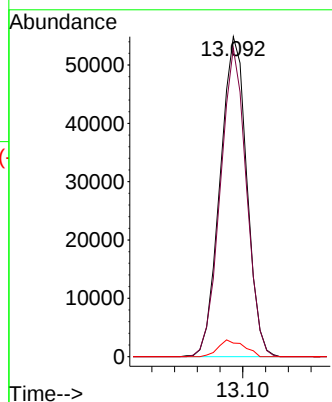
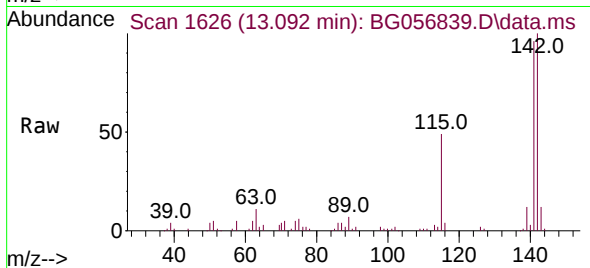
Tgt Ion:	142	Resp:	8939
Ion Ratio	Lower	Upper	
142	100		
141	96.4	73.5	110.3
116	4.2	4.0	6.0

Manual Integrations

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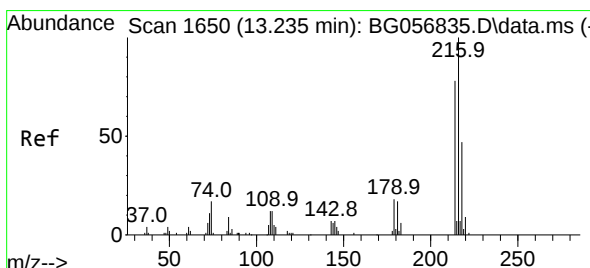
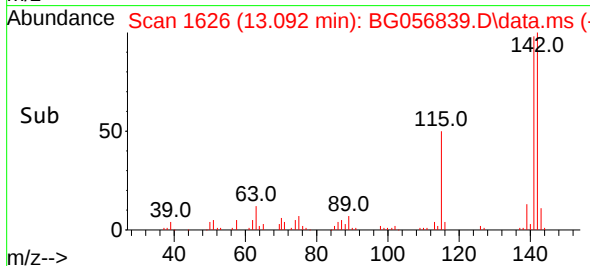
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.701 ng/ul

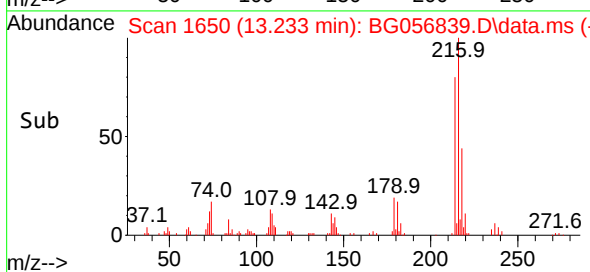
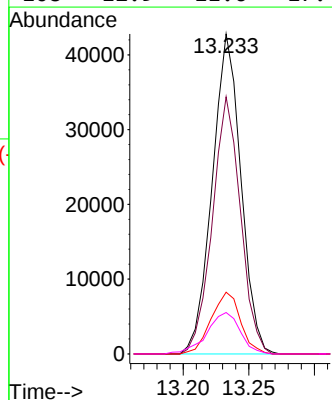
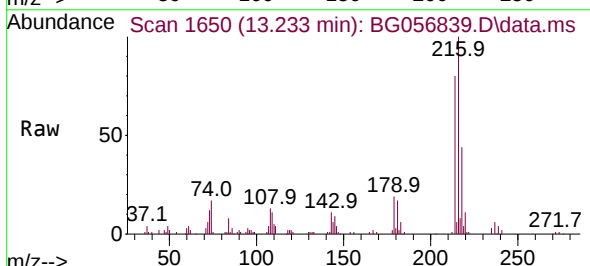
RT: 13.233 min Scan# 1650

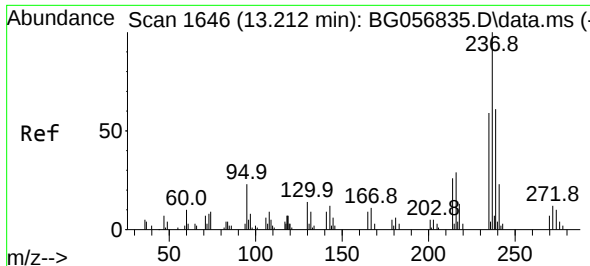
Delta R.T. -0.002 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

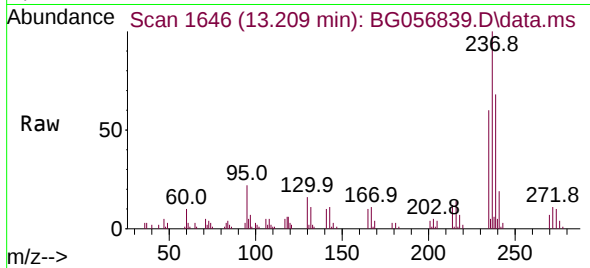
Tgt Ion:	216	Resp:	65056
Ion Ratio	Lower	Upper	
216	100		
214	80.3	64.4	96.6
179	19.3	16.9	25.3
108	12.9	11.6	17.4





#40
Hexachlorocyclopentadiene
Concen: 28.831 ng/ul
RT: 13.209 min Scan# 1646
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

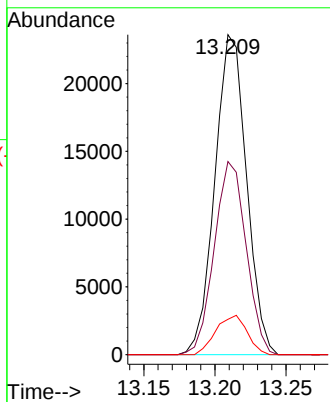
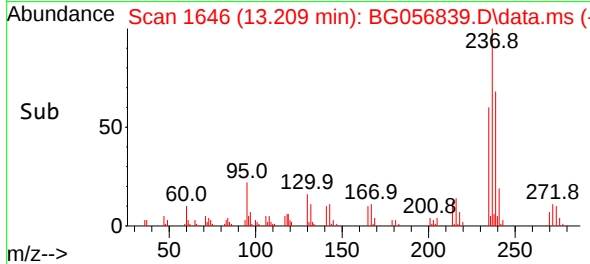
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:237 Resp: 36620
Ion Ratio Lower Upper
237 100
235 60.3 47.8 71.8
272 11.0 9.9 14.9

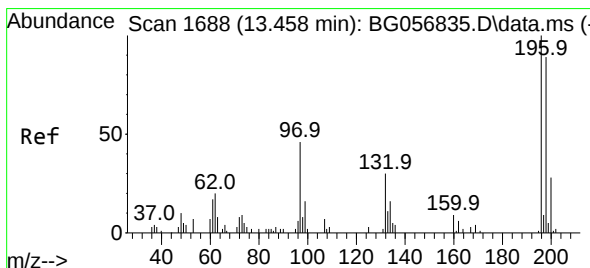
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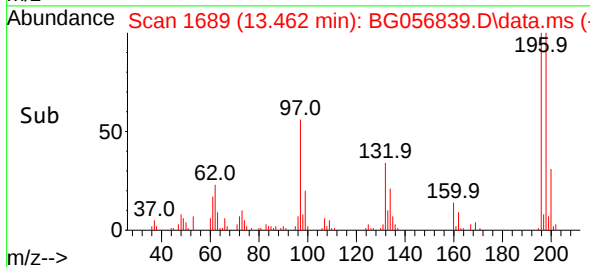
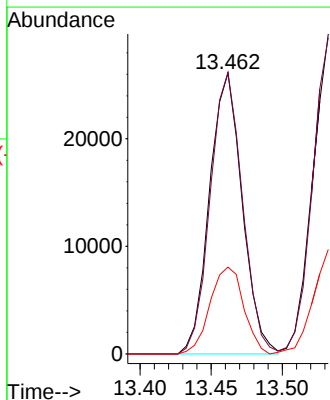
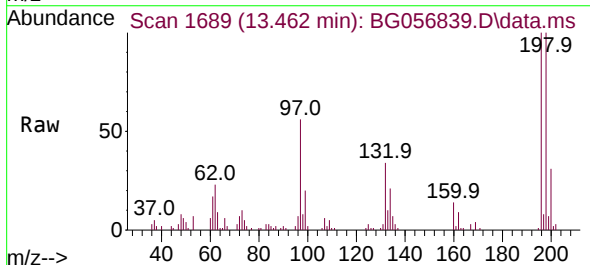
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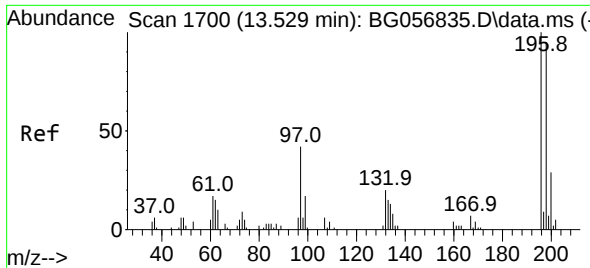
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#41
2,4,6-Trichlorophenol
Concen: 35.270 ng/ul
RT: 13.462 min Scan# 1689
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:196 Resp: 41775
Ion Ratio Lower Upper
196 100
198 100.4 75.0 112.6
200 31.0 22.1 33.1





#42
2,4,5-Trichlorophenol
Concen: 35.986 ng/ul
RT: 13.532 min Scan# 1701
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

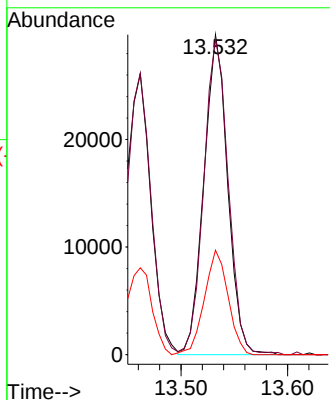
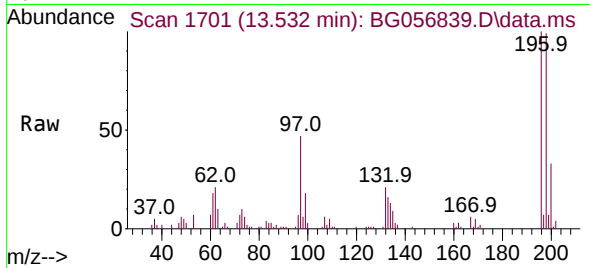
ClientSampleId :

DBZX0MSD

Tgt Ion:196 Resp: 46281
Ion Ratio Lower Upper
196 100
198 98.8 80.1 120.1
200 32.6 26.7 40.1

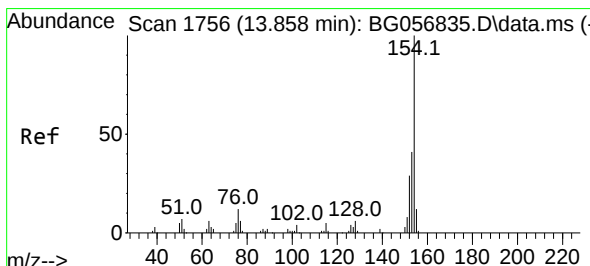
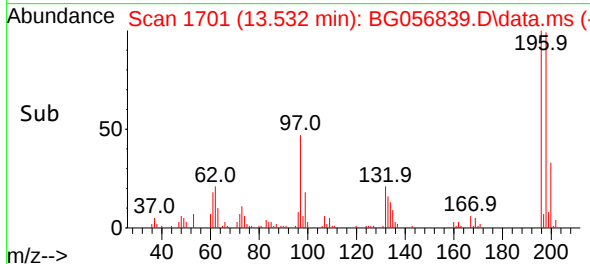
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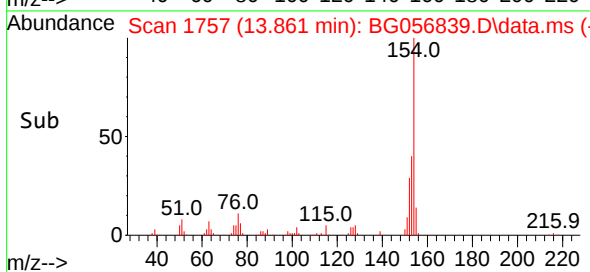
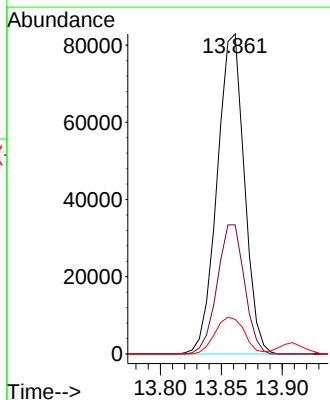
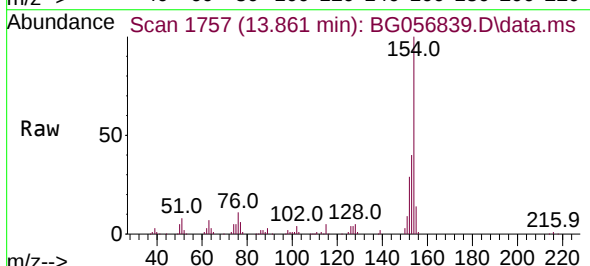
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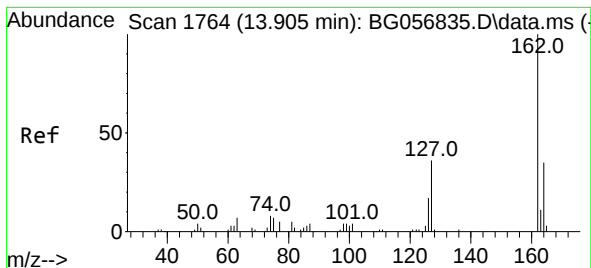
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#43
1,1'-Biphenyl
Concen: 35.037 ng/ul
RT: 13.861 min Scan# 1757
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:154 Resp: 128812
Ion Ratio Lower Upper
154 100
153 40.3 32.0 48.0
76 10.8 9.0 13.4





#44

2-Chloronaphthalene

Concen: 35.332 ng/ul

RT: 13.908 min Scan# 1765

Delta R.T. -0.002 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

DBZX0MSD

Tgt Ion:162 Resp: 107476

Ion Ratio Lower Upper

162 100

164 32.2 23.3 34.9

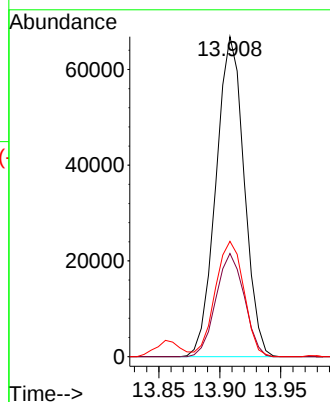
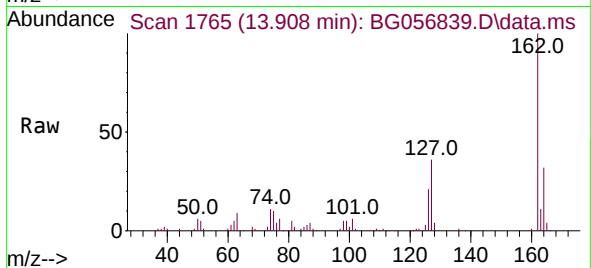
127 36.0 25.8 38.8

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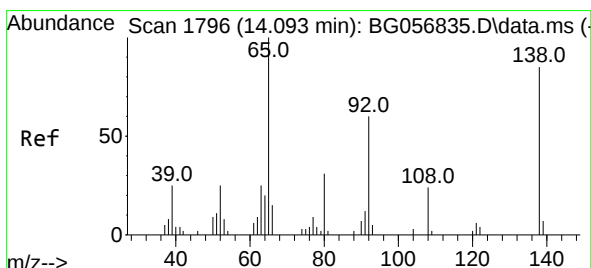
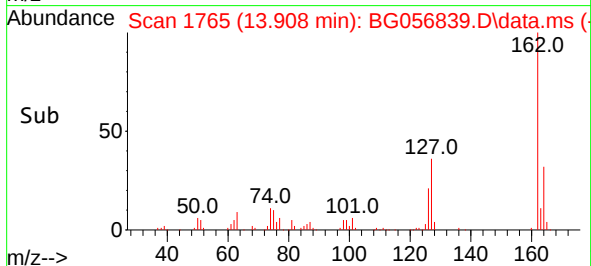
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#45

2-Nitroaniline

Concen: 35.993 ng/ul

RT: 14.096 min Scan# 1797

Delta R.T. -0.002 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

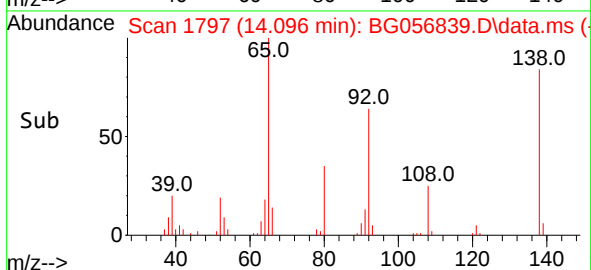
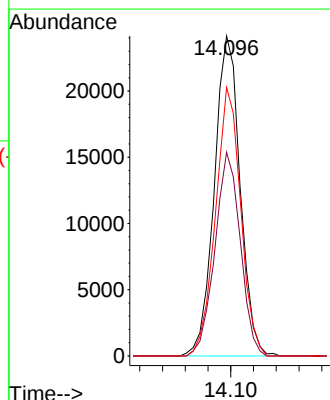
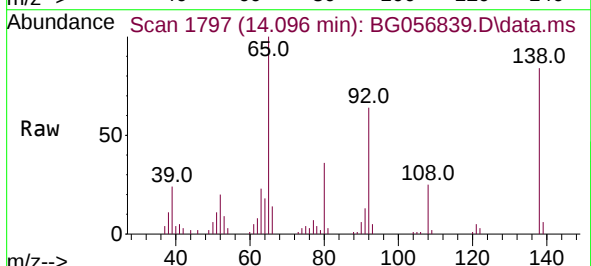
Tgt Ion: 65 Resp: 38003

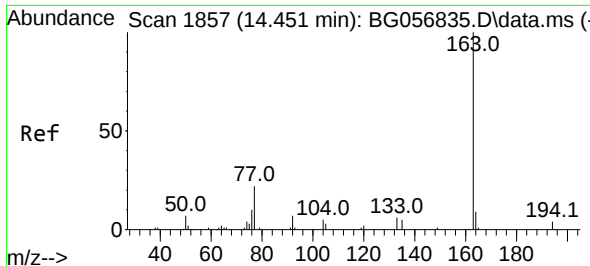
Ion Ratio Lower Upper

65 100

92 63.6 53.9 80.9

138 83.9 73.8 110.6





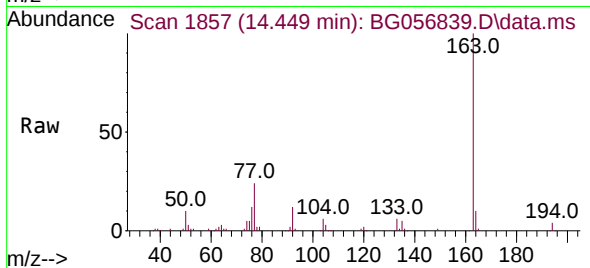
#47
Dimethylphthalate
Concen: 34.059 ng/ul
RT: 14.449 min Scan# 1857
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

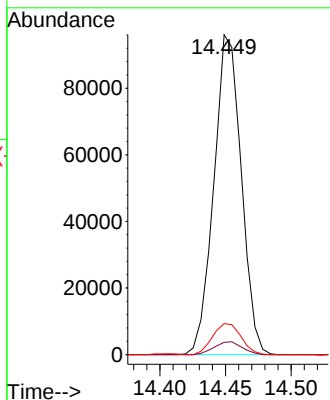
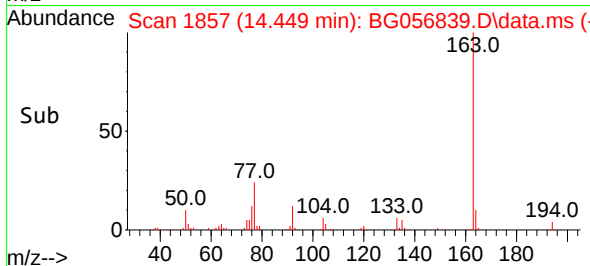
DBZX0MSD



Tgt Ion:163 Resp: 139717
Ion Ratio Lower Upper
163 100
194 3.8 2.5 3.7
164 9.7 8.2 12.4

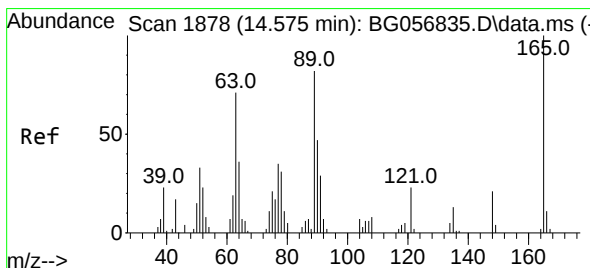
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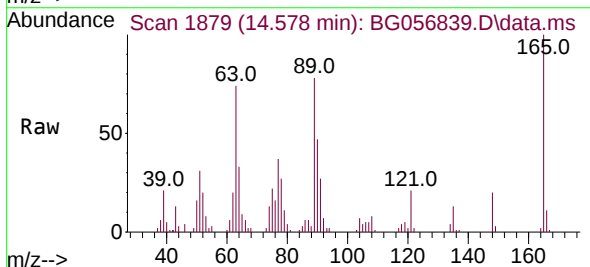


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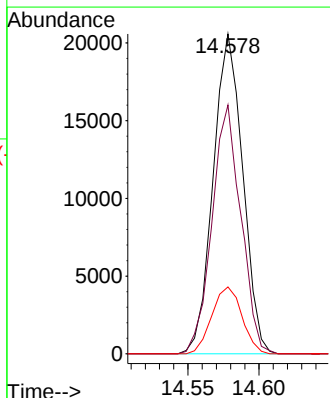
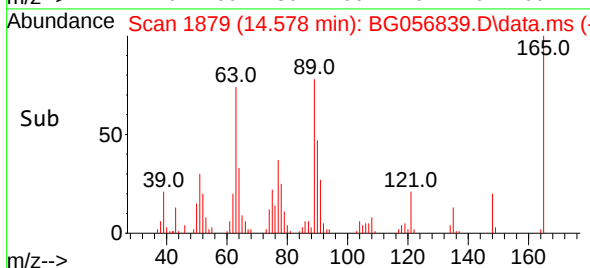
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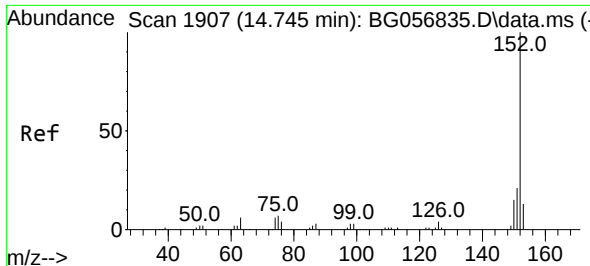


#48
2,6-Dinitrotoluene
Concen: 35.412 ng/ul
RT: 14.578 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:165 Resp: 29779
Ion Ratio Lower Upper
165 100
89 77.8 48.4 72.6
121 20.9 15.5 23.3





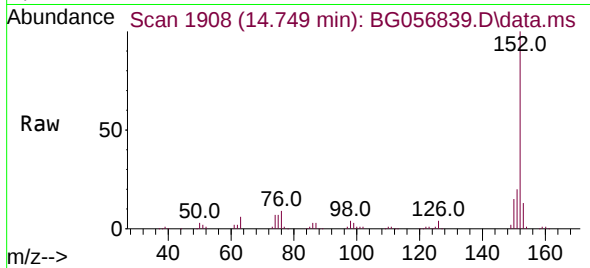
#50
Acenaphthylene
Concen: 35.378 ng/ul
RT: 14.749 min Scan# 1908
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

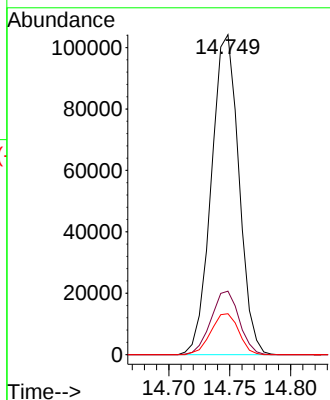
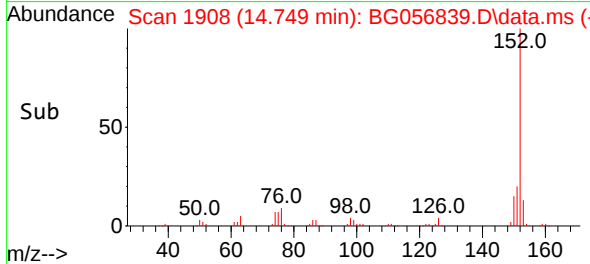
DBZX0MSD



Tgt Ion:152 Resp: 163858
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.8 10.6 16.0

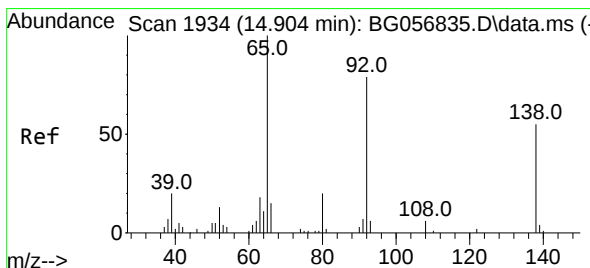
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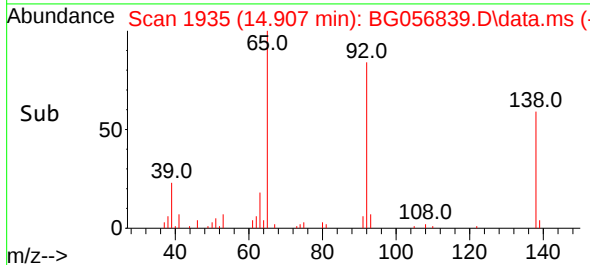
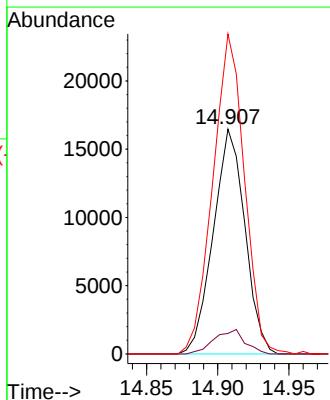
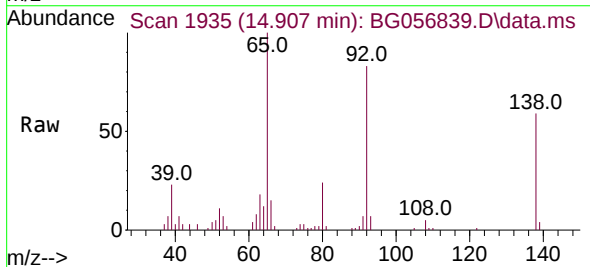
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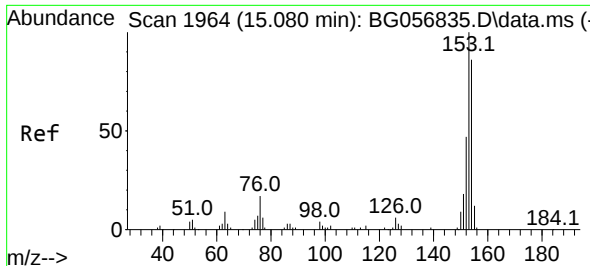
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#51
3-Nitroaniline
Concen: 33.881 ng/ul
RT: 14.907 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

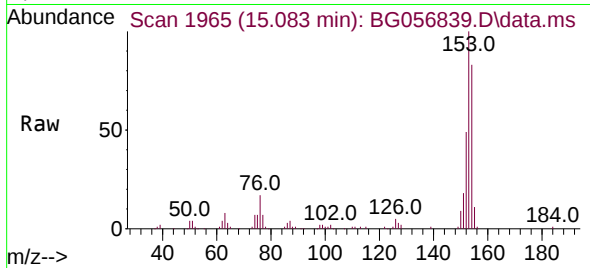
Tgt Ion:138 Resp: 25499
Ion Ratio Lower Upper
138 100
108 9.1 6.5 9.7
92 142.4 102.2 153.2





#52
Acenaphthene
Concen: 35.511 ng/ul
RT: 15.083 min Scan# 1964
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

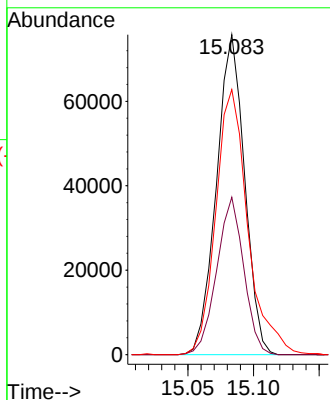
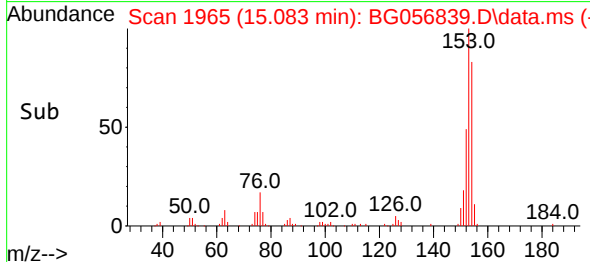
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:153 Resp: 112985
Ion Ratio Lower Upper
153 100
152 49.2 38.6 58.0
154 82.8 70.9 106.3

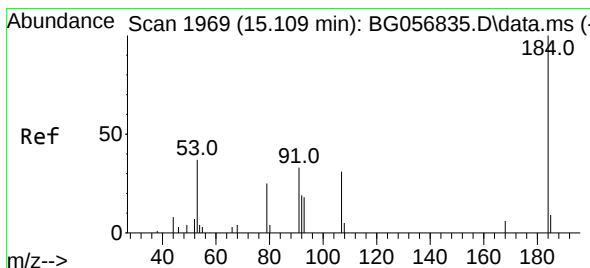
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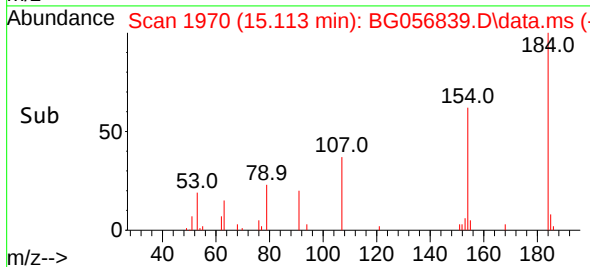
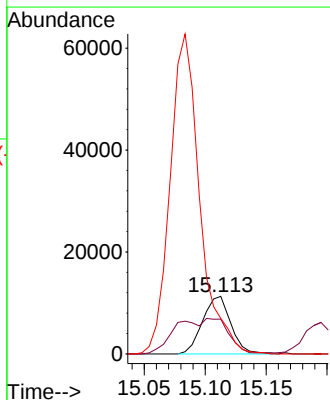
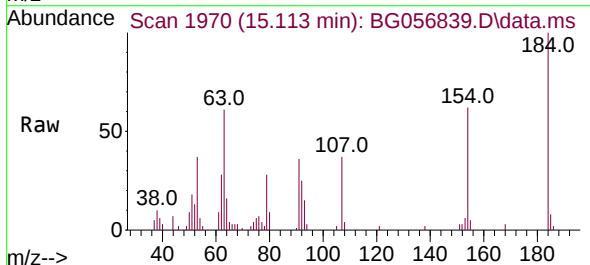
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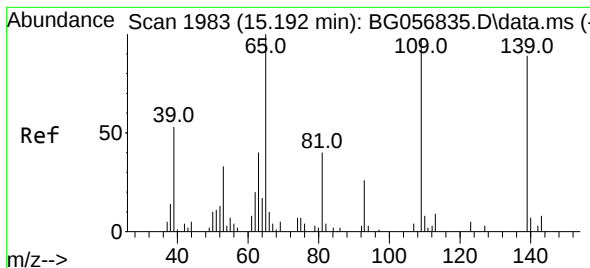
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#53
2,4-Dinitrophenol
Concen: 33.695 ng/ul
RT: 15.113 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:184 Resp: 18152
Ion Ratio Lower Upper
184 100
63 60.6 43.8 65.6
154 61.7 66.8 100.2#





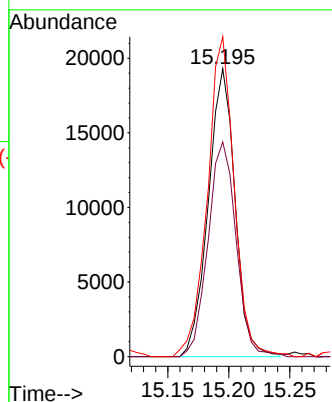
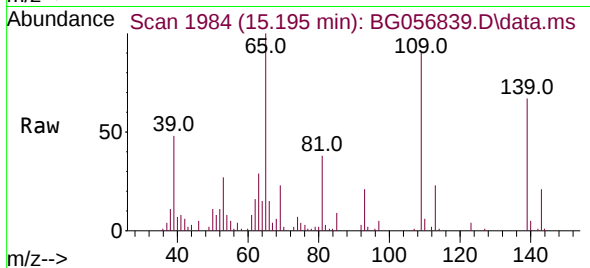
#55
4-Nitrophenol
Concen: 36.648 ng/ul
RT: 15.195 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :
BNA_G
ClientSampleId :
DBZX0MSD

Tgt Ion:109 Resp: 29503
Ion Ratio Lower Upper
109 100
139 74.6 71.2 106.8
65 111.1 85.1 127.7

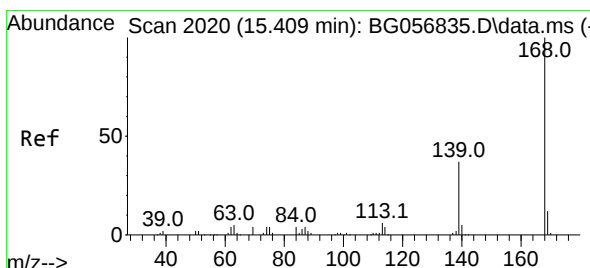
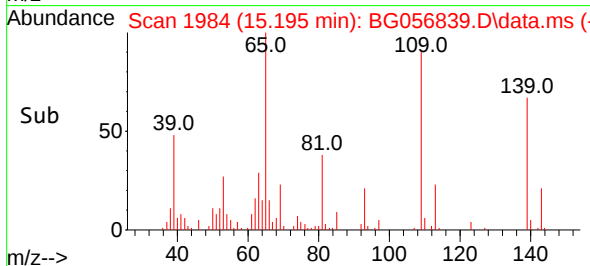
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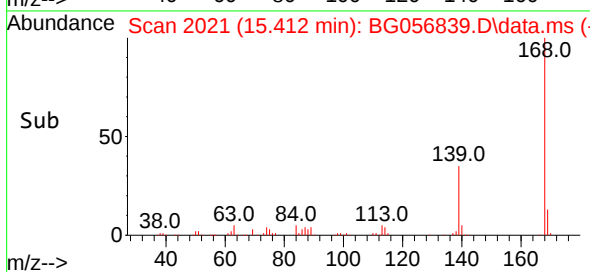
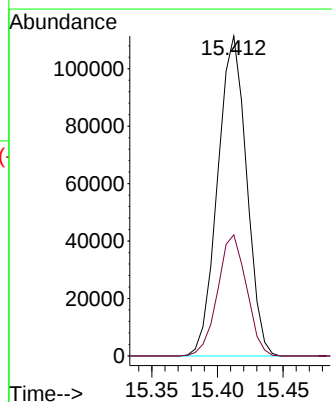
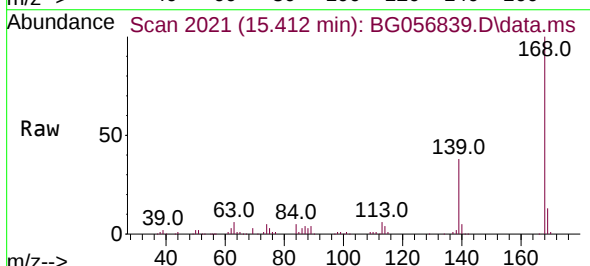
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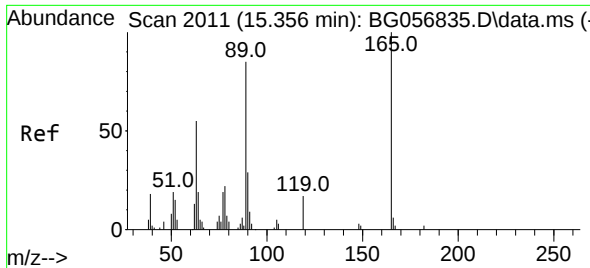
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#56
Dibenzofuran
Concen: 35.326 ng/ul
RT: 15.412 min Scan# 2021
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

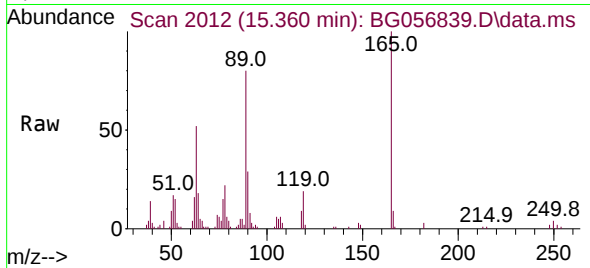
Tgt Ion:168 Resp: 170621
Ion Ratio Lower Upper
168 100
139 37.8 28.2 42.2





#57
2,4-Dinitrotoluene
Concen: 34.604 ng/ul
RT: 15.360 min Scan# 2011
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

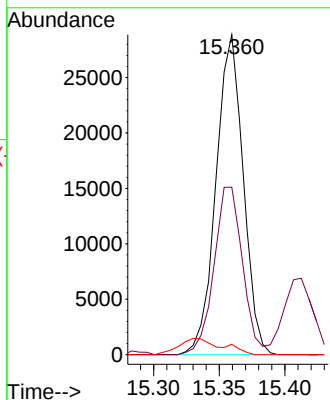
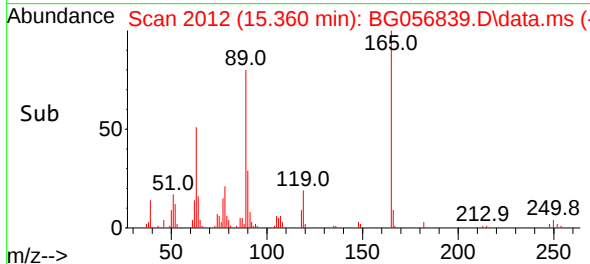
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:165 Resp: 41718
Ion Ratio Lower Upper
165 100
63 52.3 38.6 58.0
182 3.2 1.8 2.8

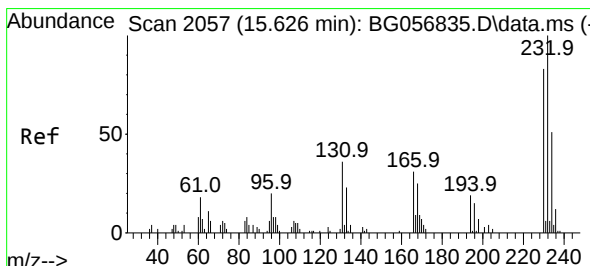
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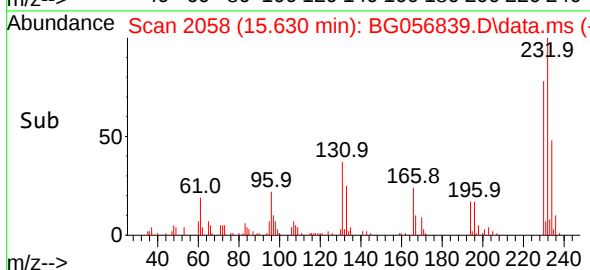
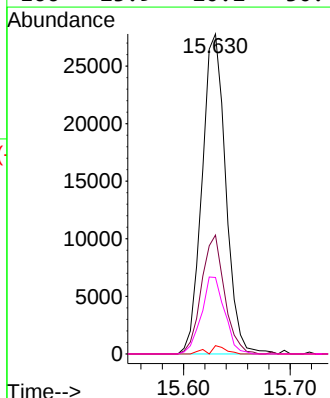
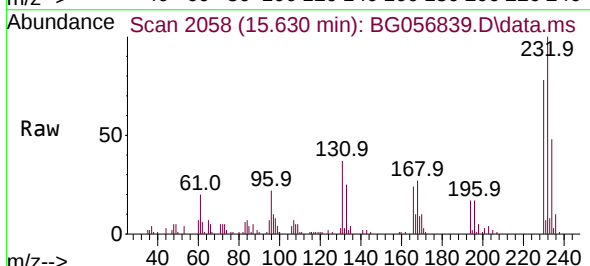
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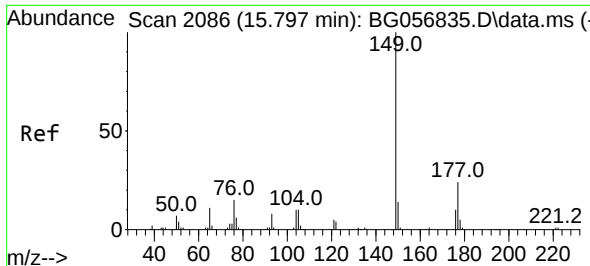
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#58
2,3,4,6-Tetrachlorophenol
Concen: 35.783 ng/ul
RT: 15.630 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:232 Resp: 42826
Ion Ratio Lower Upper
232 100
131 37.1 27.8 41.8
130 2.6 1.8 2.6
166 23.9 20.2 30.4





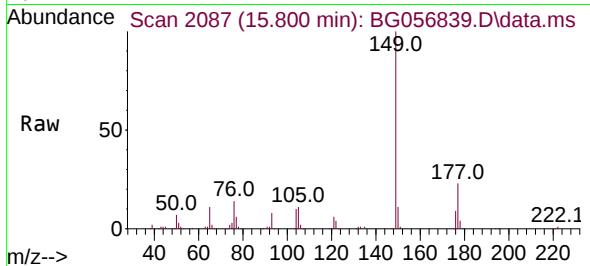
#59
Diethylphthalate
Concen: 34.094 ng/ul
RT: 15.800 min Scan# 2086
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

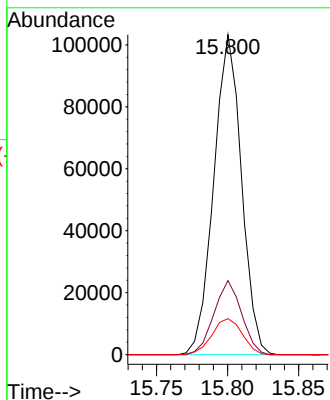
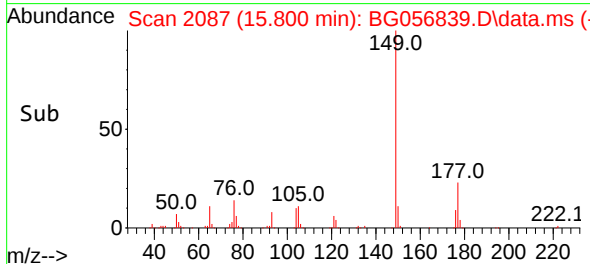
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Tgt Ion:149 Resp: 140000
Ion Ratio Lower Upper
149 100
177 23.1 18.6 28.0
150 11.2 10.7 16.1

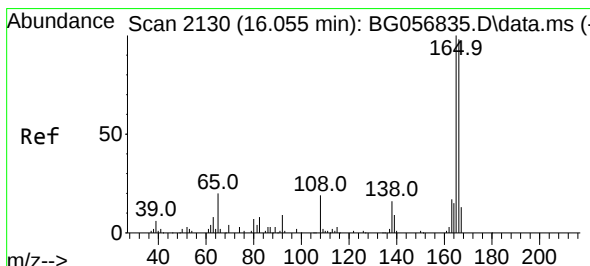
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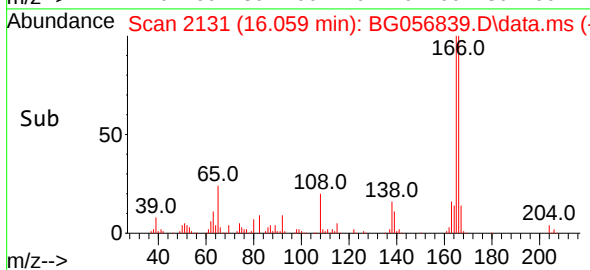
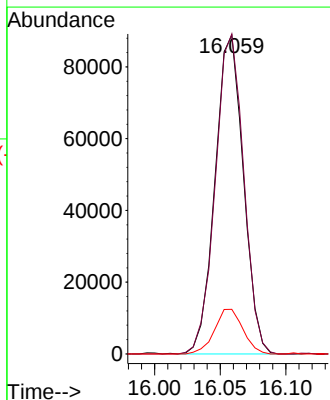
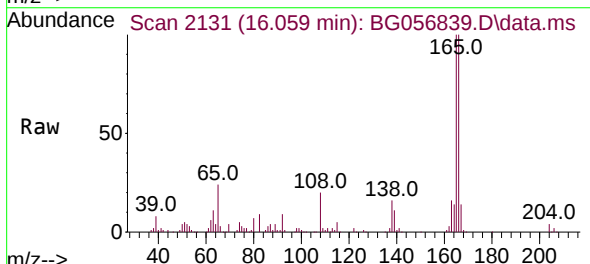
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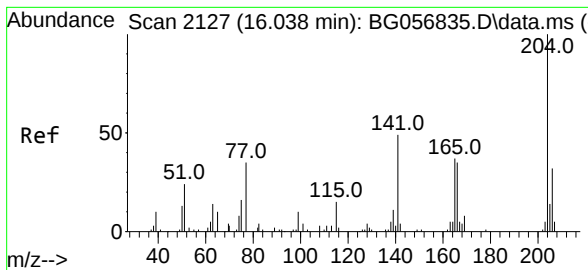
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#61
Fluorene
Concen: 34.539 ng/ul
RT: 16.059 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:166 Resp: 133577
Ion Ratio Lower Upper
166 100
165 100.4 78.4 117.6
167 14.0 10.5 15.7





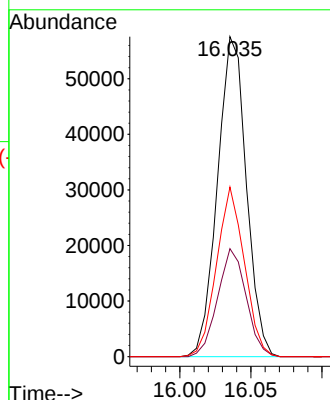
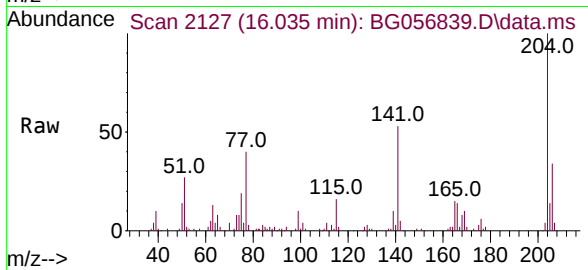
#62
4-Chlorophenyl-phenylether
Concen: 35.561 ng/ul
RT: 16.035 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :
BNA_G
ClientSampleId :
DBZX0MSD

Tgt Ion:204 Resp: 81463
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 53.0 39.7 59.5

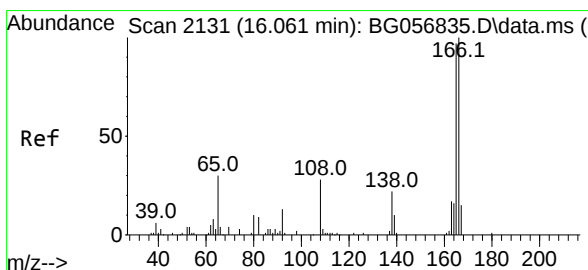
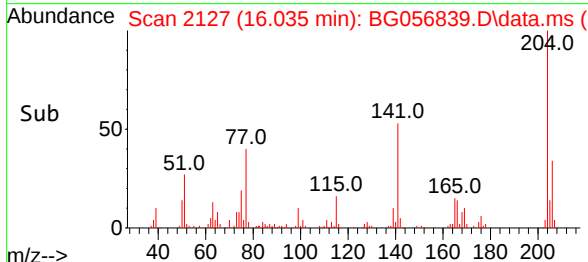
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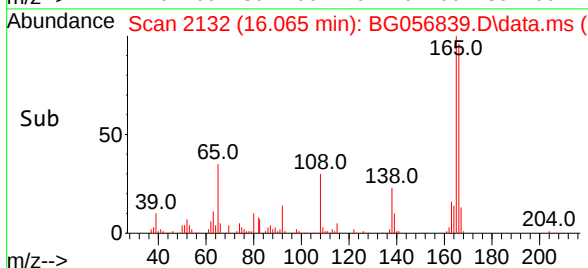
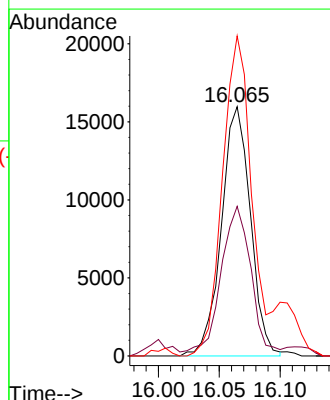
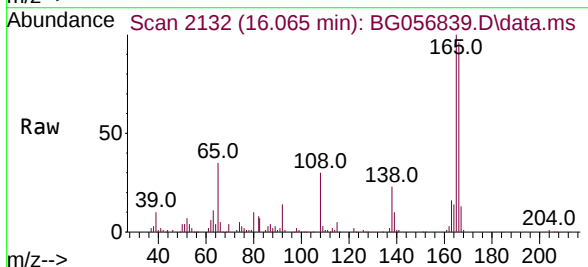
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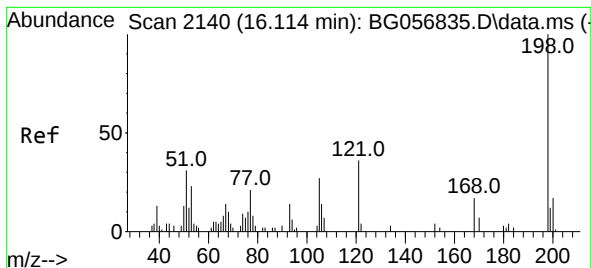
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#63
4-Nitroaniline
Concen: 36.013 ng/ul
RT: 16.065 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

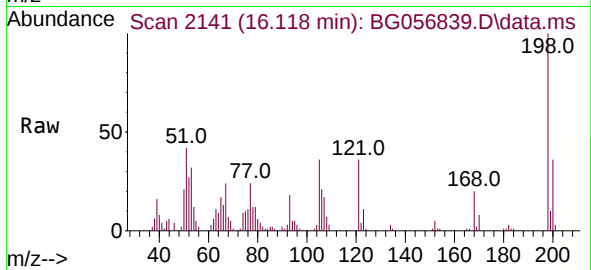
Tgt Ion:138 Resp: 26482
Ion Ratio Lower Upper
138 100
92 60.0 48.6 73.0
108 128.4 93.0 139.6





#66
4,6-Dinitro-2-methylphenol
Concen: 33.095 ng/ul
RT: 16.118 min Scan# 2141
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

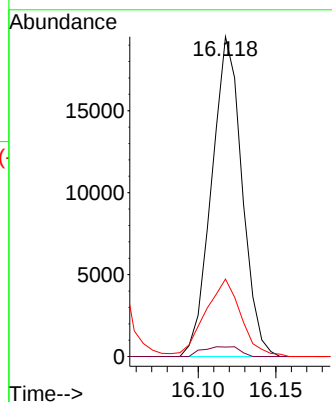
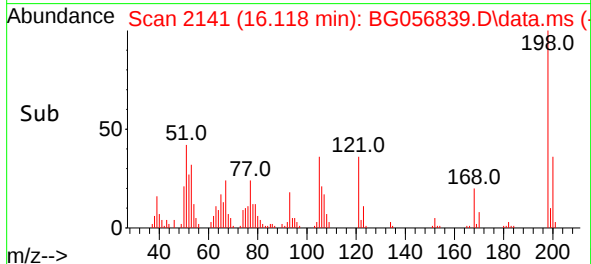
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:198 Resp: 26675
Ion Ratio Lower Upper
198 100
182 3.0 2.4 3.6
77 24.2 21.0 31.6

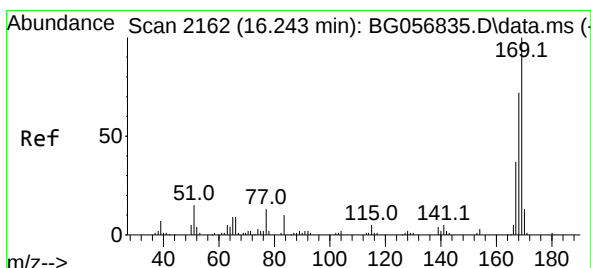
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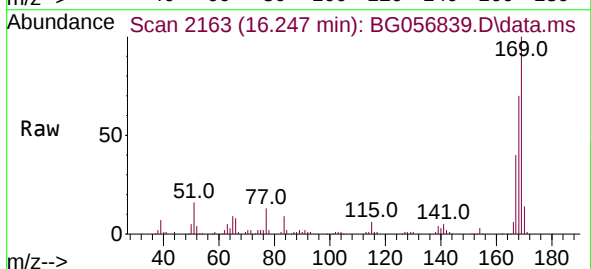


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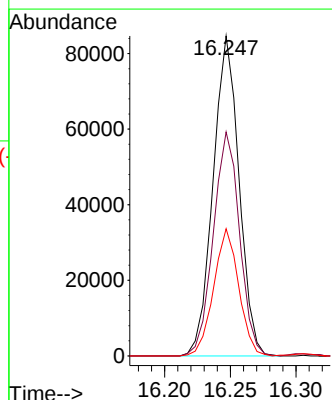
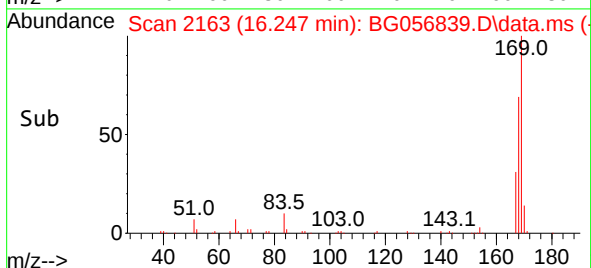
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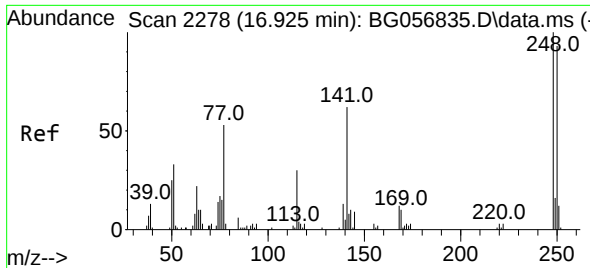


#67
N-Nitrosodiphenylamine
Concen: 33.489 ng/ul
RT: 16.247 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



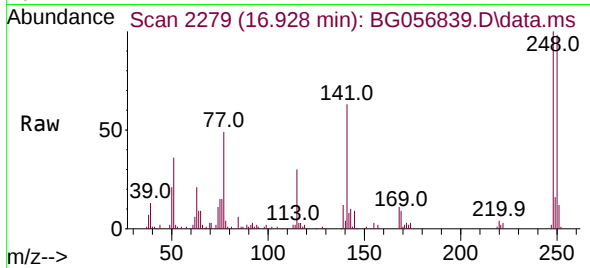
Tgt Ion:169 Resp: 116535
Ion Ratio Lower Upper
169 100
168 70.0 55.1 82.7
167 39.7 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 34.842 ng/ul
RT: 16.928 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

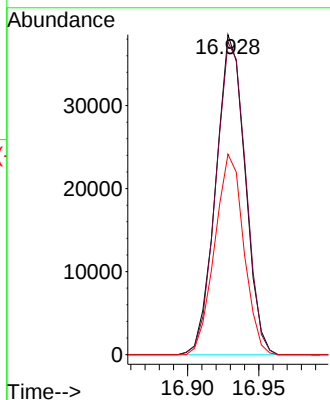
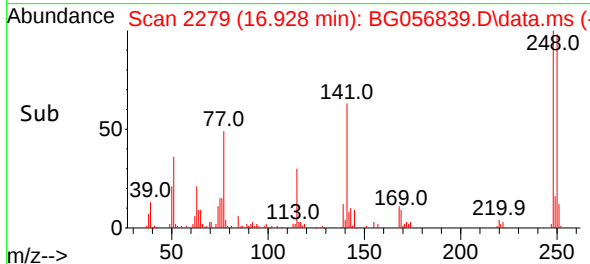
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:248 Resp: 55254
Ion Ratio Lower Upper
248 100
250 97.7 80.4 120.6
141 62.6 47.6 71.4

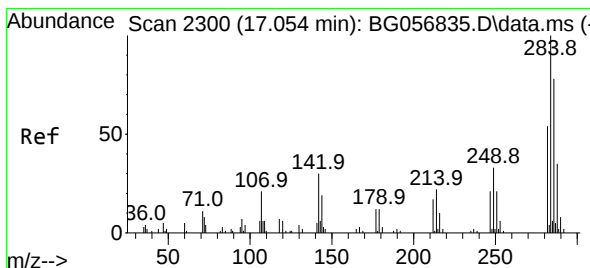
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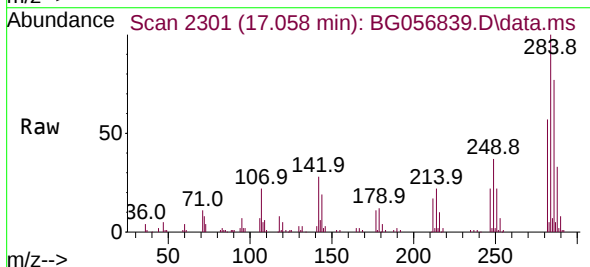


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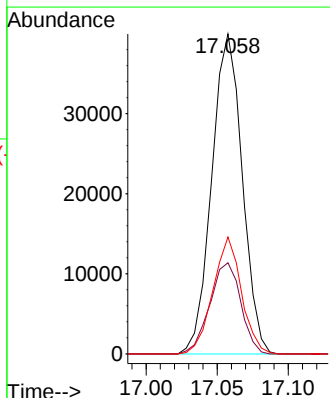
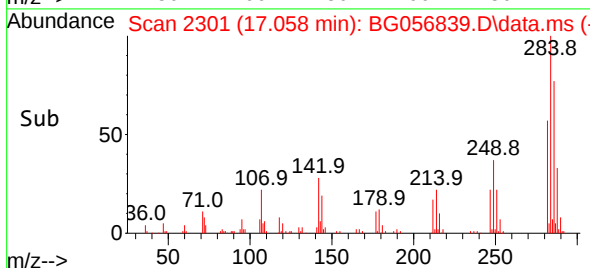
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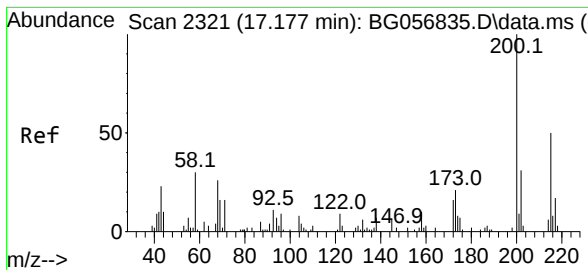


#69
Hexachlorobenzene
Concen: 35.020 ng/ul
RT: 17.058 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:284 Resp: 59664
Ion Ratio Lower Upper
284 100
142 28.5 21.8 32.6
249 36.5 25.9 38.9





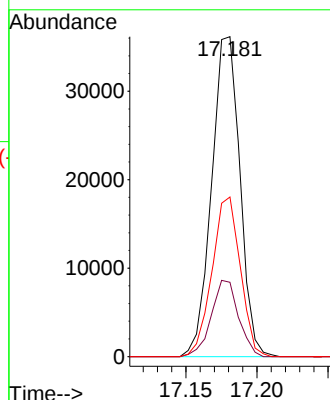
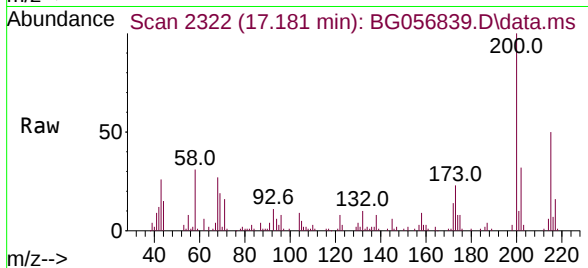
#70
 Atrazine
 Concen: 33.157 ng/ul
 RT: 17.181 min Scan# 2321
 Delta R.T. 0.003 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16

Instrument :
 BNA_G
 ClientSampleId :
 DBZX0MSD

Tgt Ion:200 Resp: 50112
 Ion Ratio Lower Upper
 200 100
 173 23.2 17.4 26.0
 215 49.9 41.7 62.5

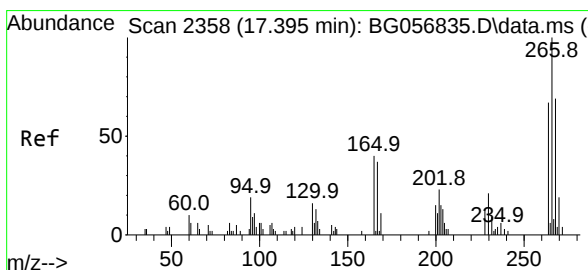
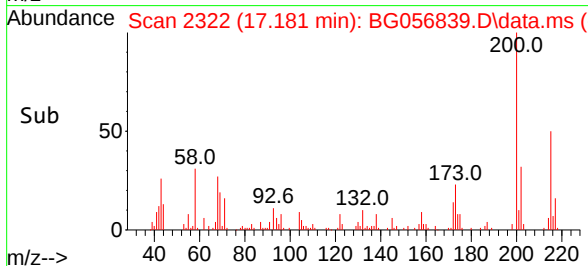
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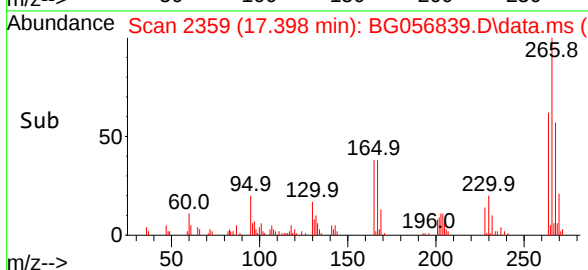
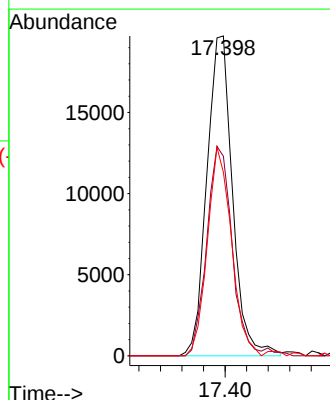
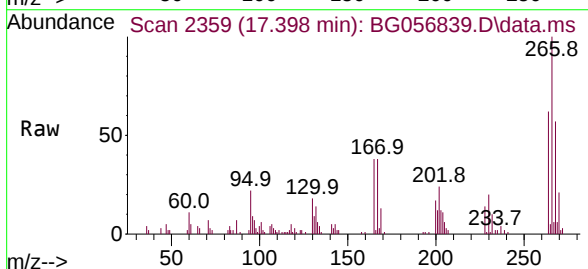
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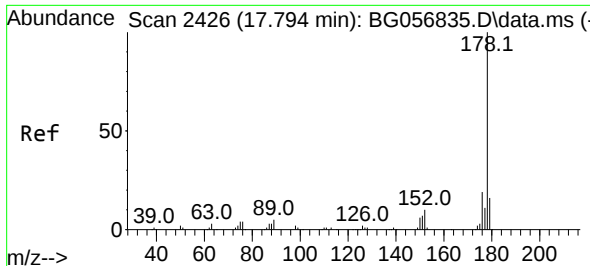
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#71
 Pentachlorophenol
 Concen: 33.773 ng/ul m
 RT: 17.398 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16

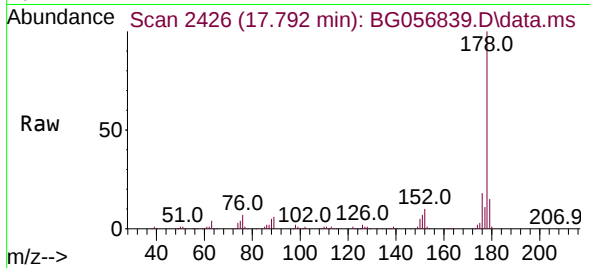
Tgt Ion:266 Resp: 32672
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.9 74.9
 268 57.3 54.5 81.7





#72
Phenanthrene
Concen: 34.781 ng/ul
RT: 17.792 min Scan# 2426
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

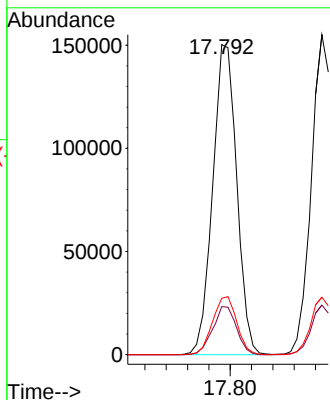
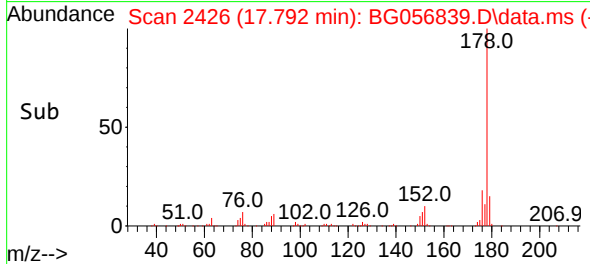
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:178 Resp: 235761
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.1 14.4 21.6

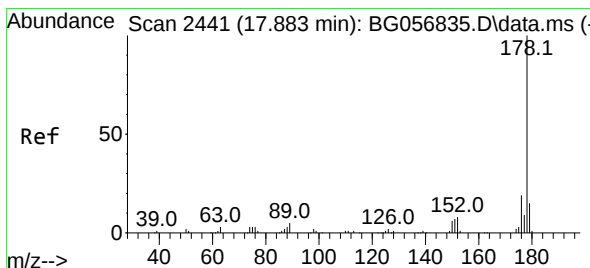
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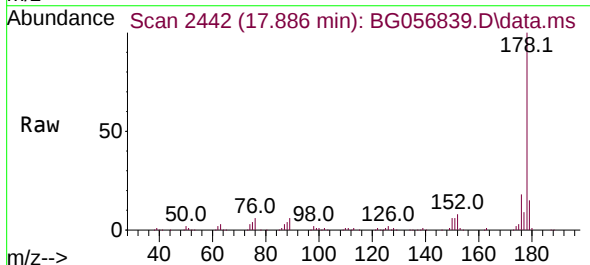


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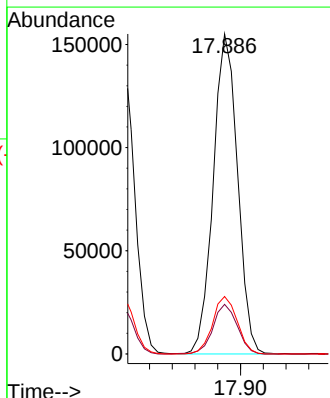
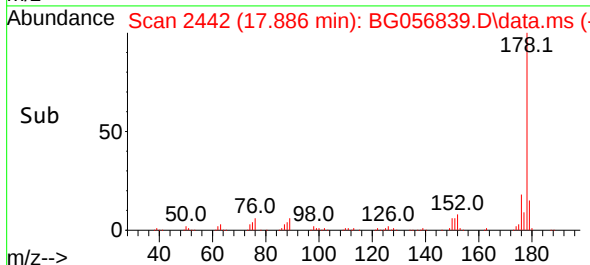
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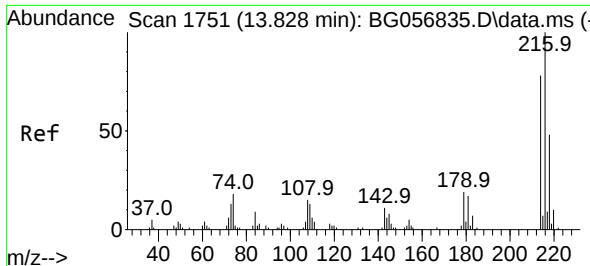


#74
Anthracene
Concen: 33.565 ng/ul
RT: 17.886 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:178 Resp: 229922
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 17.9 14.1 21.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.802 ng/uL
RT: 13.832 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

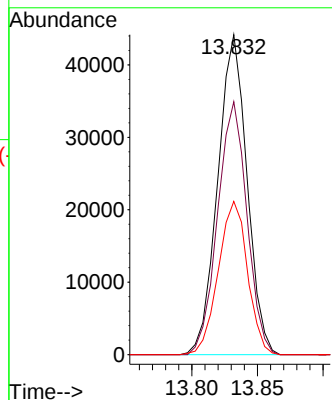
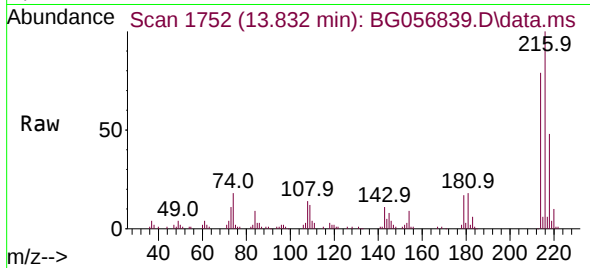
ClientSampleId :

DBZX0MSD

Tgt Ion:216 Resp: 68540
Ion Ratio Lower Upper
216 100
214 79.0 64.2 96.2
218 47.9 36.6 54.8

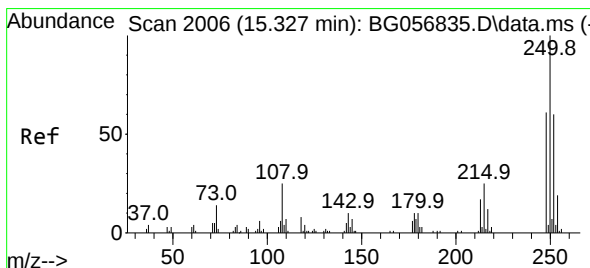
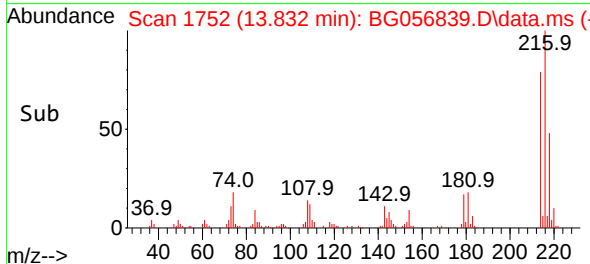
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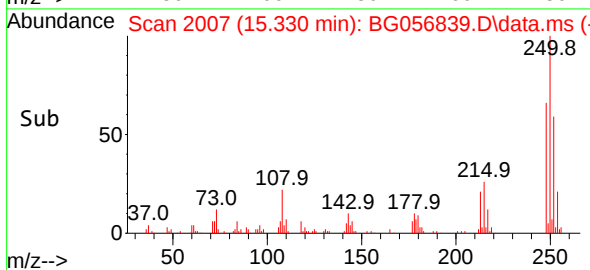
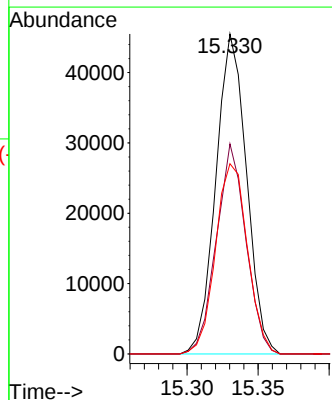
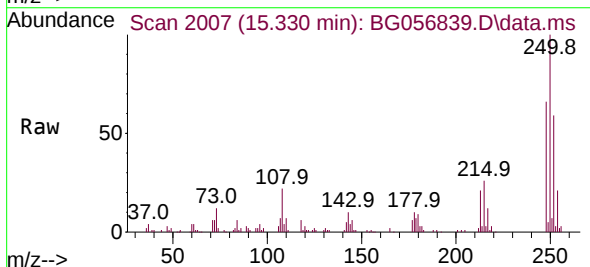
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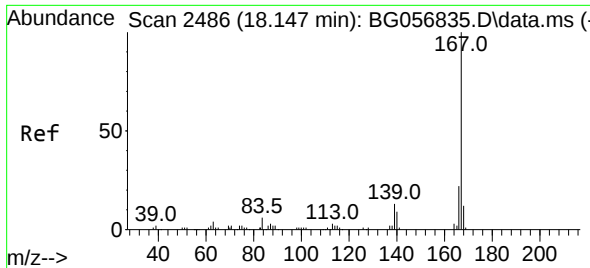
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#76
Pentachlorobenzene
Concen: 35.155 ng/uL
RT: 15.330 min Scan# 2007
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

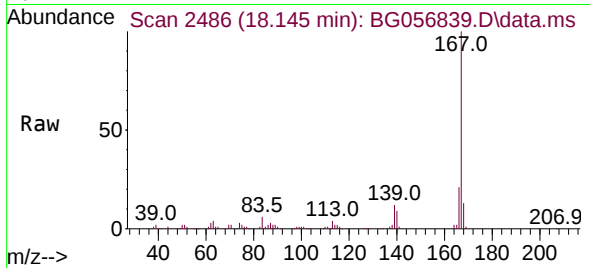
Tgt Ion:250 Resp: 68257
Ion Ratio Lower Upper
250 100
248 65.6 47.1 70.7
252 59.4 52.4 78.6





#77
 Carbazole
 Concen: 34.939 ng/ul
 RT: 18.145 min Scan# 2486
 Delta R.T. -0.002 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16

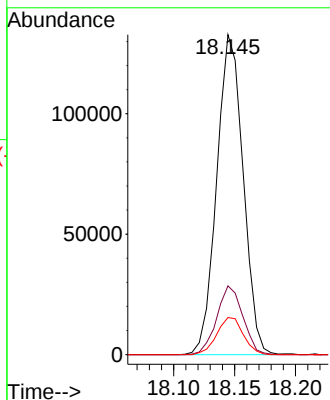
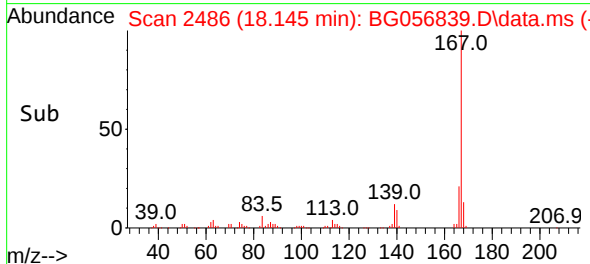
Instrument :
 BNA_G
 ClientSampleId :
 DBZX0MSD



Tgt Ion:167 Resp: 20025
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.2
 139 11.6 9.8 14.8

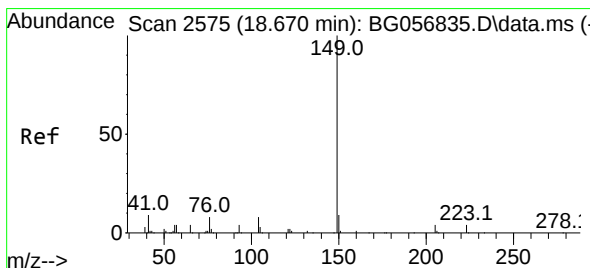
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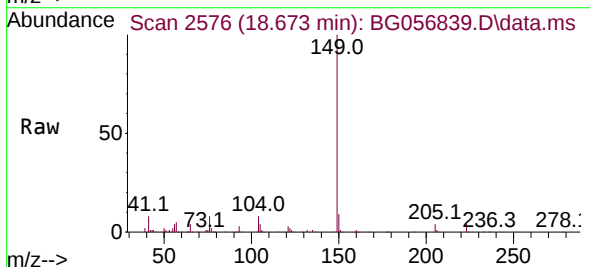


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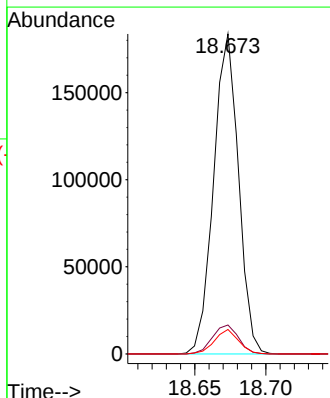
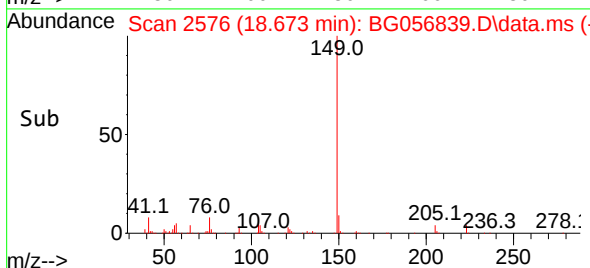
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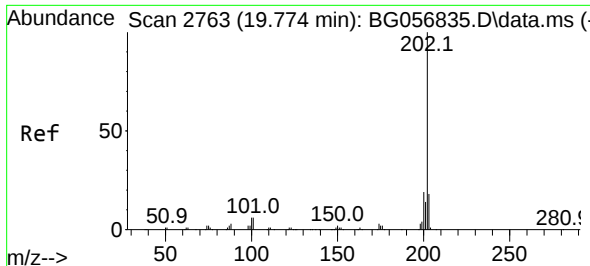


#78
 Di-n-butylphthalate
 Concen: 33.861 ng/ul
 RT: 18.673 min Scan# 2576
 Delta R.T. -0.002 min
 Lab File: BG056839.D
 Acq: 6 Mar 2023 13:16



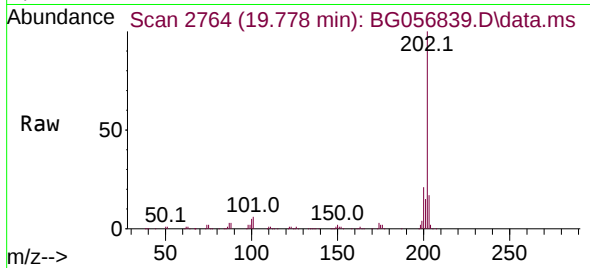
Tgt Ion:149 Resp: 223679
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 7.6 5.4 8.2





#80
Fluoranthene
Concen: 30.745 ng/uI
RT: 19.778 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

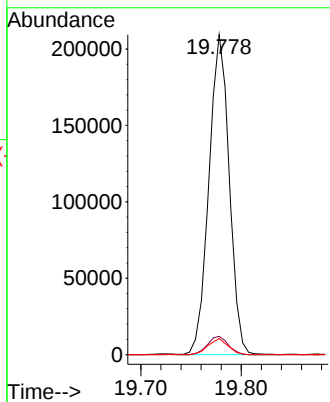
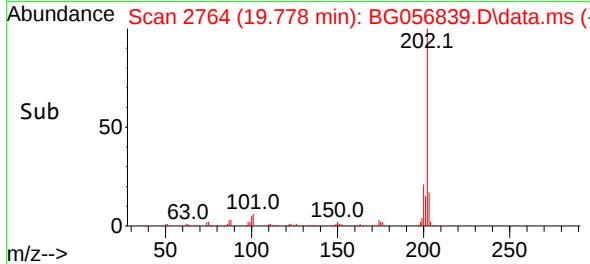
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:202 Resp: 294476
Ion Ratio Lower Upper
202 100
101 5.7 4.7 7.1
100 5.0 4.4 6.6

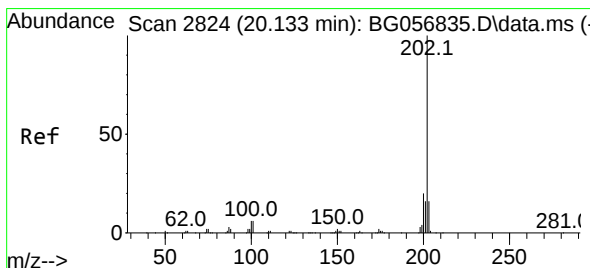
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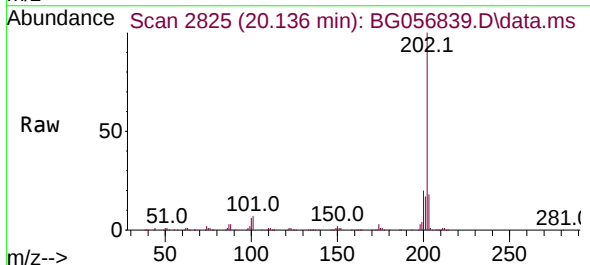


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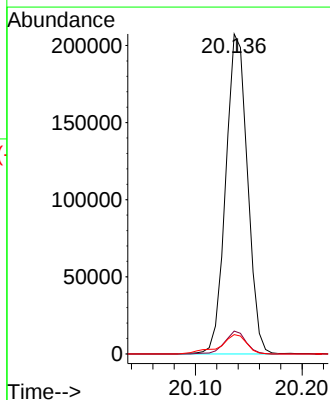
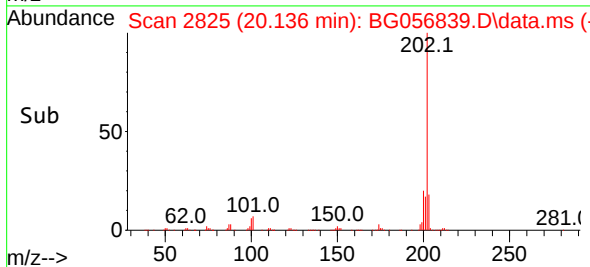
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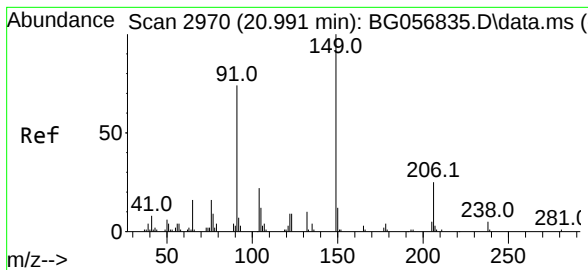


#82
Pyrene
Concen: 31.148 ng/uI
RT: 20.136 min Scan# 2825
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:202 Resp: 293917
Ion Ratio Lower Upper
202 100
101 7.1 5.3 7.9
100 6.0 4.6 7.0





#83
Butylbenzylphthalate
Concen: 32.161 ng/ul
RT: 20.994 min Scan# 2971
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

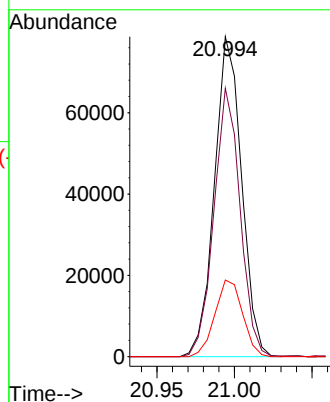
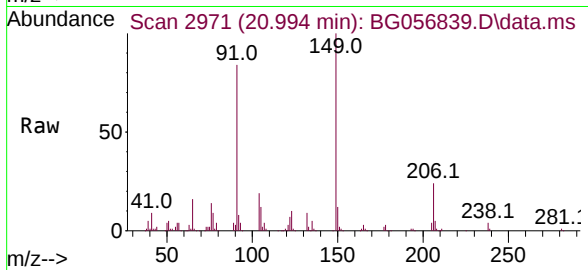
ClientSampleId :

DBZX0MSD

Tgt Ion:149 Resp: 96273
Ion Ratio Lower Upper
149 100
91 83.9 59.3 88.9
206 23.9 19.7 29.5

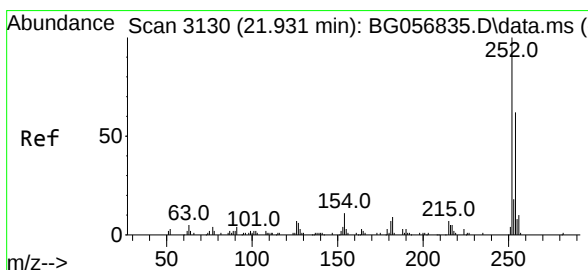
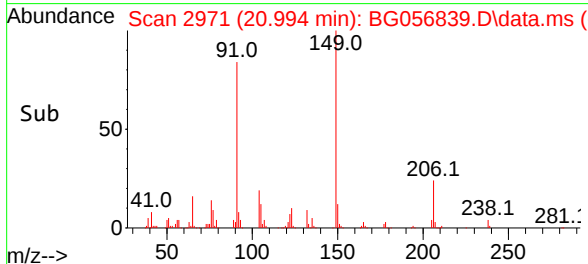
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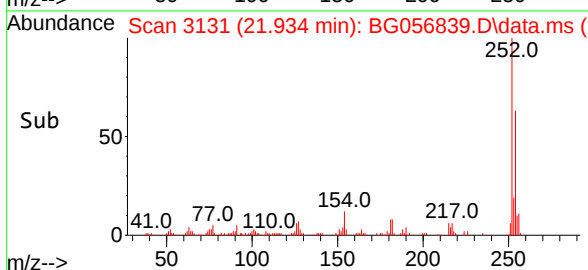
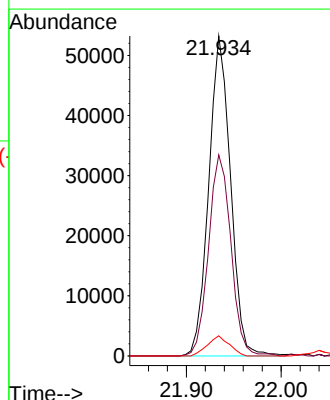
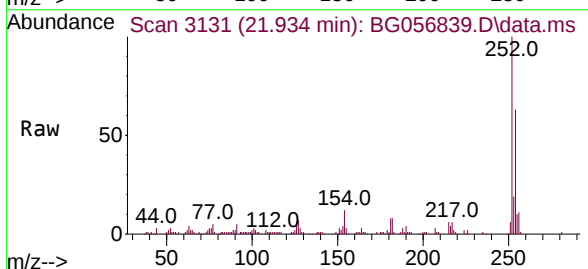
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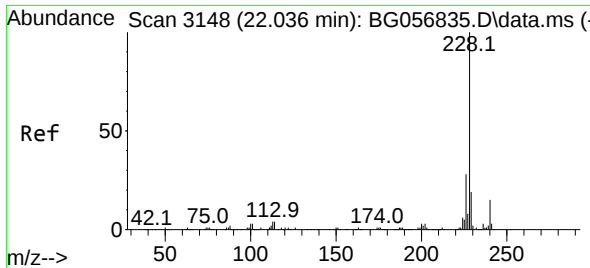
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#84
3,3'-Dichlorobenzidine
Concen: 29.005 ng/ul
RT: 21.934 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

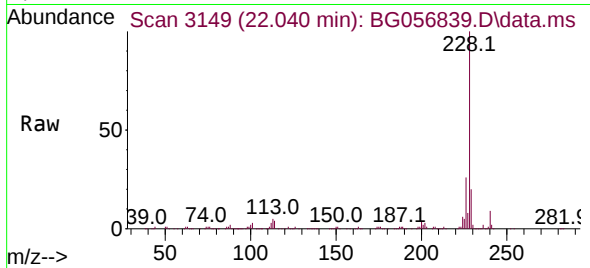
Tgt Ion:252 Resp: 85131
Ion Ratio Lower Upper
252 100
254 62.8 52.6 78.8
126 6.3 5.0 7.6





#85
Benzo(a)anthracene
Concen: 35.032 ng/ul
RT: 22.040 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

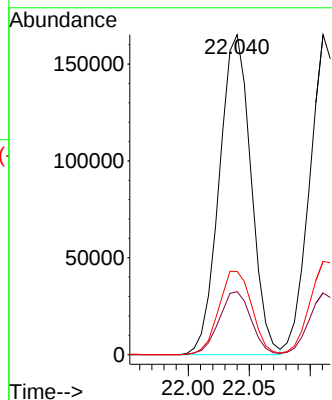
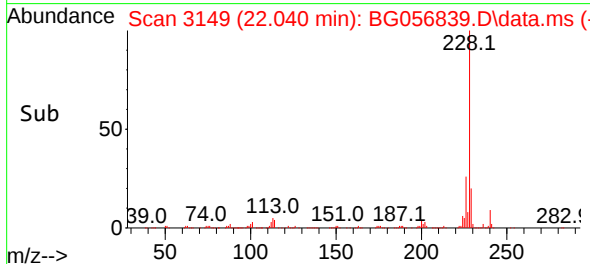
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:228 Resp: 298474
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.4
226 26.0 20.6 31.0

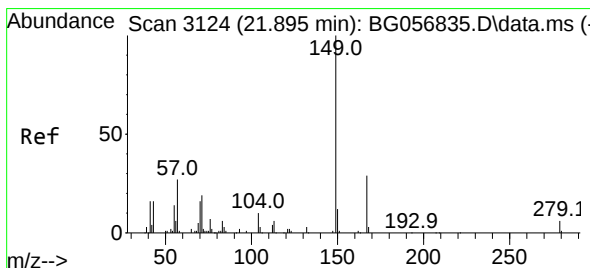
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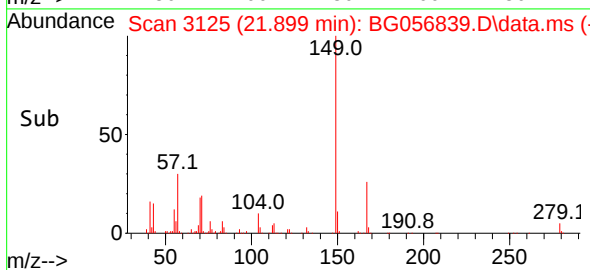
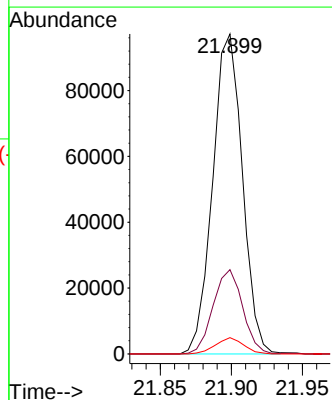
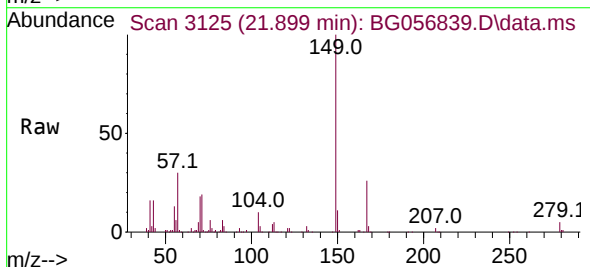
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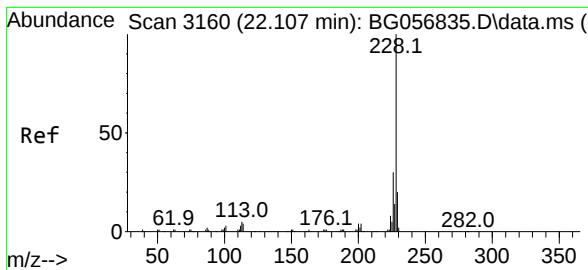
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#86
Bis(2-ethylhexyl)phthalate
Concen: 33.544 ng/ul
RT: 21.899 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

Tgt Ion:149 Resp: 141055
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 5.1 4.2 6.2





#87

Chrysene

Concen: 35.058 ng/ul

RT: 22.110 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

Instrument :

BNA_G

ClientSampleId :

DBZX0MSD

Tgt Ion:228 Resp: 278201

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

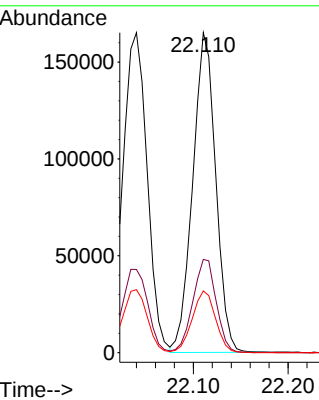
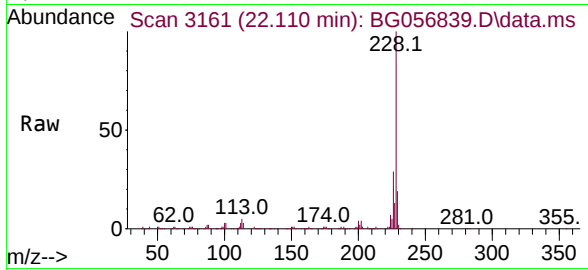
229 19.3 15.4 23.0

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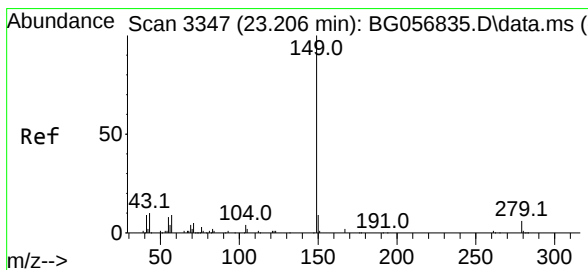
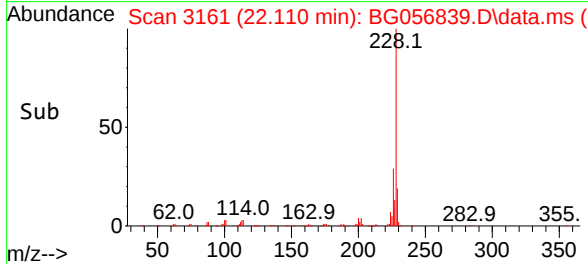
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#89

Di-n-octyl phthalate

Concen: 33.815 ng/ul

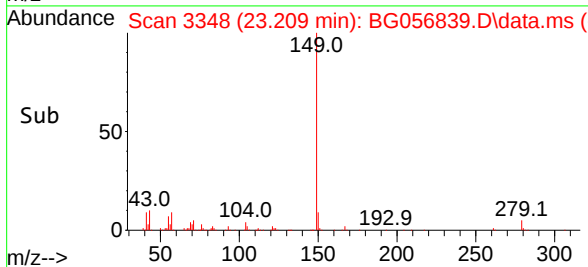
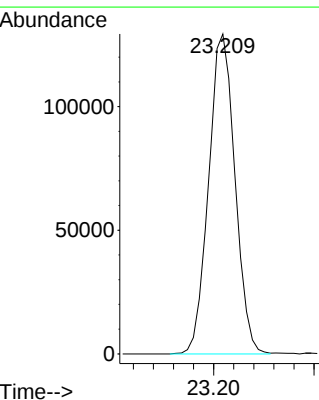
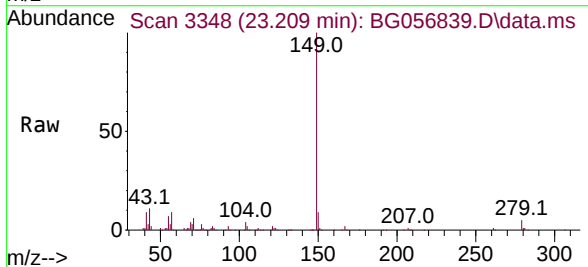
RT: 23.209 min Scan# 3348

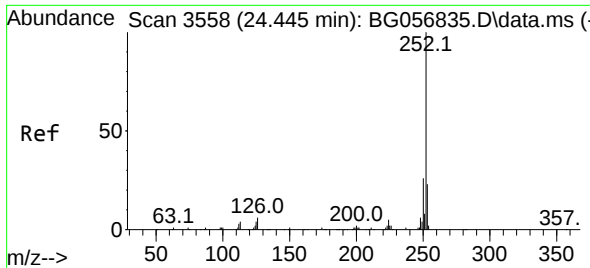
Delta R.T. -0.008 min

Lab File: BG056839.D

Acq: 6 Mar 2023 13:16

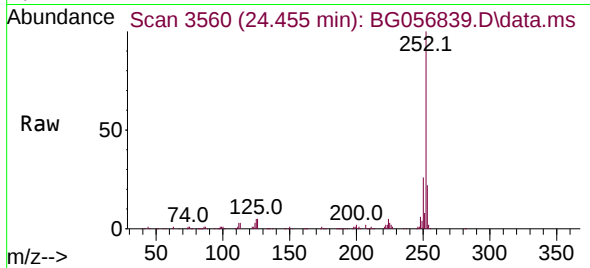
Tgt Ion:149 Resp: 235826





#90
Benzo(b)fluoranthene
Concen: 35.403 ng/ul m
RT: 24.455 min Scan# 3558
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

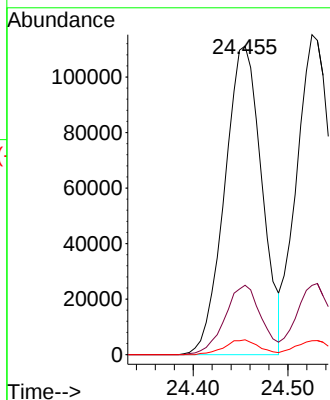
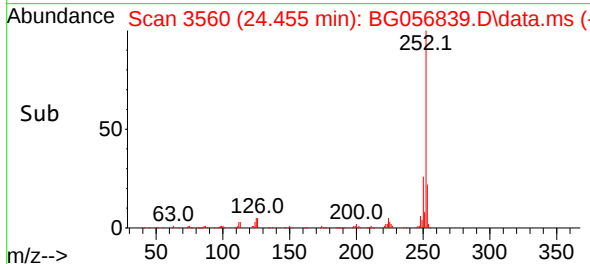
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:252 Resp: 304026
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.8 3.0 4.6

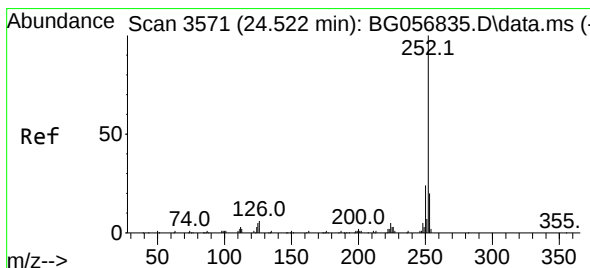
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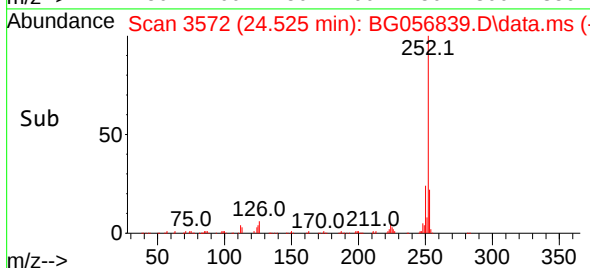
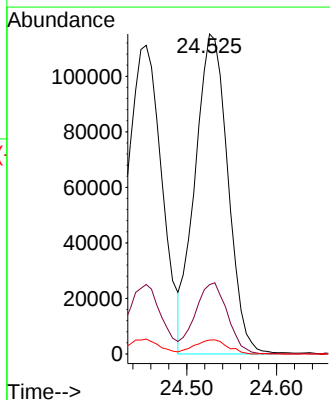
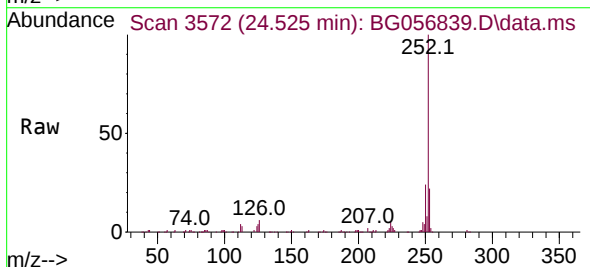
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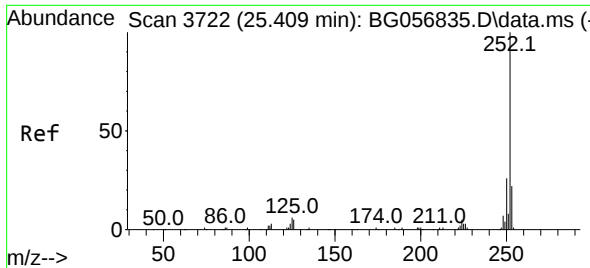
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#91
Benzo(k)fluoranthene
Concen: 35.082 ng/ul
RT: 24.525 min Scan# 3572
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

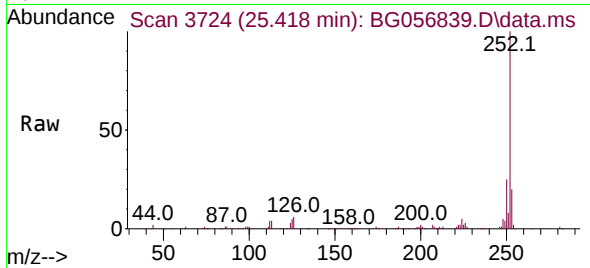
Tgt Ion:252 Resp: 293444
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 4.3 3.4 5.2





#93
Benzo(a)pyrene
Concen: 34.353 ng/ul
RT: 25.418 min Scan# 3724
Delta R.T. -0.002 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

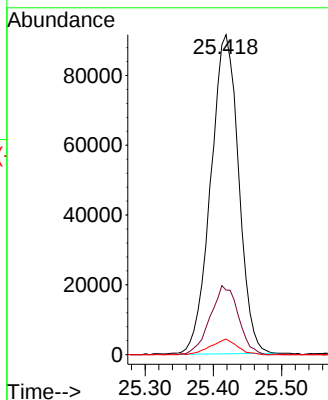
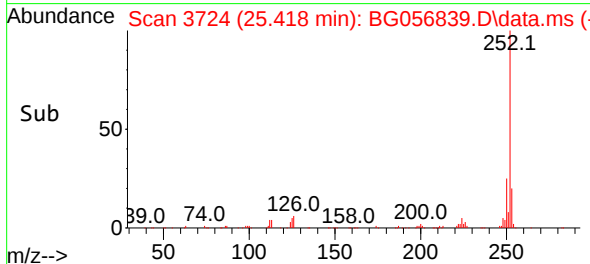
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:252 Resp: 259315
Ion Ratio Lower Upper
252 100
253 20.2 17.4 26.0
125 4.9 3.6 5.4

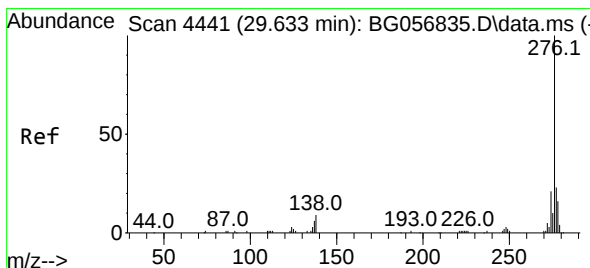
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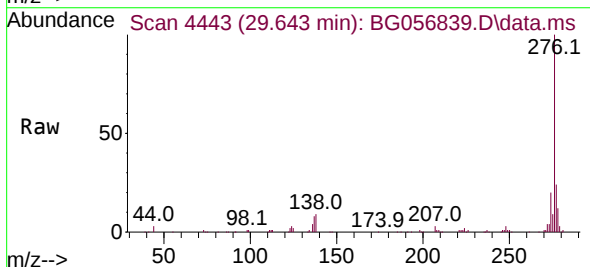


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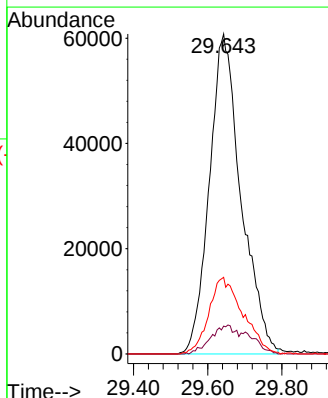
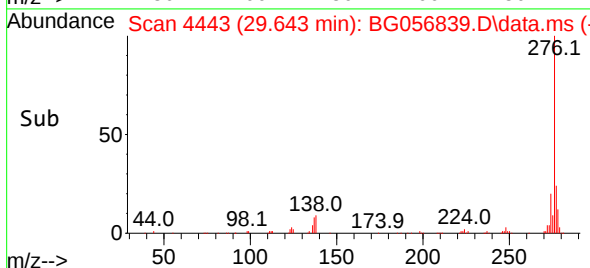
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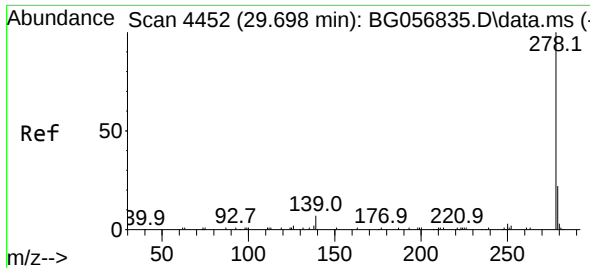


#94
Indeno(1,2,3-cd)pyrene
Concen: 35.171 ng/ul
RT: 29.643 min Scan# 4443
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



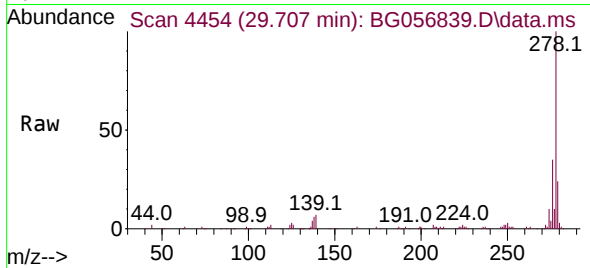
Tgt Ion:276 Resp: 360651
Ion Ratio Lower Upper
276 100
138 8.7 5.7 8.5#
277 23.9 18.1 27.1





#95
Dibenzo(a,h)anthracene
Concen: 34.421 ng/ul
RT: 29.707 min Scan# 4452
Delta R.T. -0.008 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16

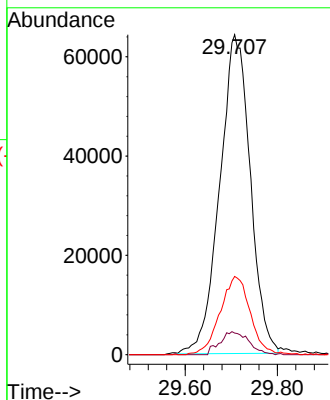
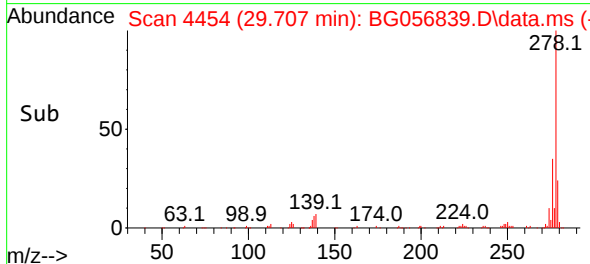
Instrument :
BNA_G
ClientSampleId :
DBZX0MSD



Tgt Ion:278 Resp: 295122
Ion Ratio Lower Upper
278 100
139 6.7 4.3 6.5
279 24.4 21.7 32.5

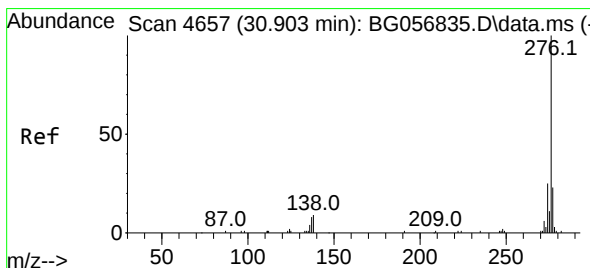
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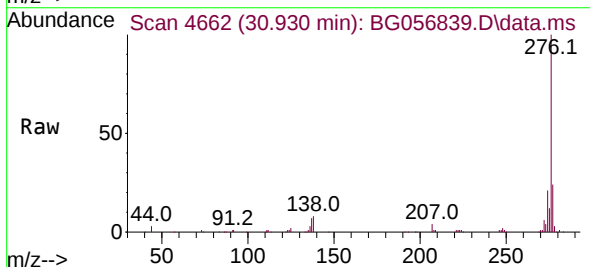


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#96
Benzo(g,h,i)perylene
Concen: 35.265 ng/ul
RT: 30.930 min Scan# 4662
Delta R.T. 0.003 min
Lab File: BG056839.D
Acq: 6 Mar 2023 13:16



Tgt Ion:276 Resp: 288855
Ion Ratio Lower Upper
276 100
138 8.0 6.5 9.7
277 24.4 20.7 31.1

