

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062856.D
 Acq On : 15 Sep 2024 21:29
 Operator : JU/RC
 Sample : P3899-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ8

Quant Time: Sep 15 23:05:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

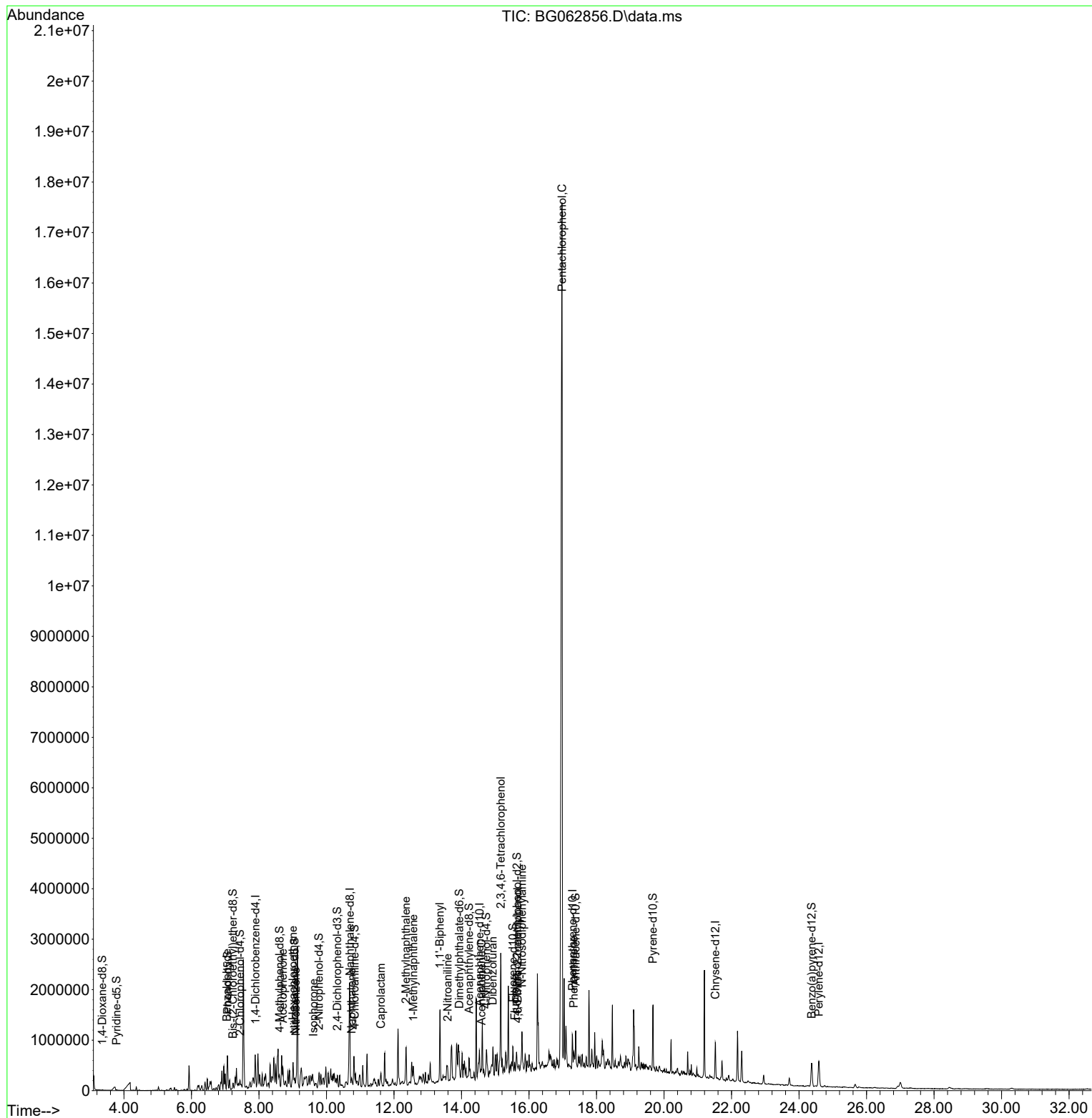
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	51234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	192328	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.533	164	161593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.289	188	400094	20.000	ng/ul	0.01
79) Chrysene-d12	21.525	240	437203	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	503003	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3483	3.073	ng/uL	0.00
4) Pyridine-d5	3.781	84	6745	1.870	ng/ul	0.01
7) Phenol-d5	7.071	99	72194	16.070	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	45289	16.814	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	57118	17.454	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	63868	17.060	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	31187	22.688	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	34917	23.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	70781	21.620	ng/ul	0.00
31) 4-Chloroaniline-d4	10.832	131	67585	15.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	228932	18.397	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	267158	19.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	36105	17.080	ng/ul	0.00
60) Fluorene-d10	15.526	176	216316	19.291	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	42073	18.281	ng/ul	0.00
73) Anthracene-d10	17.383	188	369014	19.543	ng/ul	0.00
81) Pyrene-d10	19.668	212	467896	19.018	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	520881	19.611	ng/ul	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.054	77	11725	4.747	ng/ul#	1
16) Acetophenone	8.705	105	201207	33.067	ng/ul#	32
19) Hexachloroethane	9.005	117	24846	18.446	ng/ul#	1
22) Nitrobenzene	9.093	77	4224	1.136	ng/ul#	53
23) Isophorone	9.616	82	22847	3.005	ng/ul#	58
30) Naphthalene	10.744	128	86106	8.350	ng/ul	98
34) Caprolactam	11.613	113	2886	2.428	ng/ul#	1
36) 2-Methylnaphthalene	12.354	142	247400	32.506	ng/ul	94
37) 1-Methylnaphthalene	12.571	142	144080	18.481	ng/ul#	98
43) 1,1'-Biphenyl	13.358	154	24337	2.142	ng/ul	97
45) 2-Nitroaniline	13.587	65	4944	1.950	ng/ul#	49
52) Acenaphthene	14.592	153	10336	1.000	ng/ul	94
56) Dibenzofuran	14.927	168	15663	1.020	ng/ul#	5
58) 2,3,4,6-Tetrachlorophenol	15.162	232	529062	144.502	ng/ul	97
61) Fluorene	15.579	166	30243	2.507	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.667	198	4477	1.877	ng/ul#	1
67) N-Nitrosodiphenylamine	15.791	169	48403	4.717	ng/ul#	40
71) Pentachlorophenol	16.978	266	5354669	1703.054	ng/ul	86
72) Phenanthrene	17.324	178	165208	7.940	ng/ul#	95

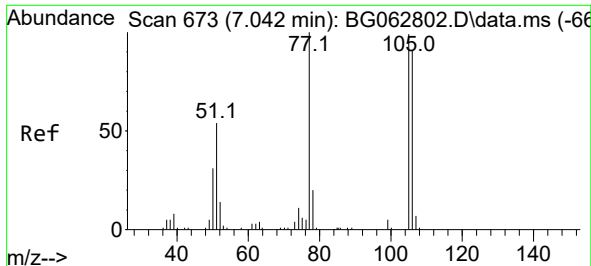
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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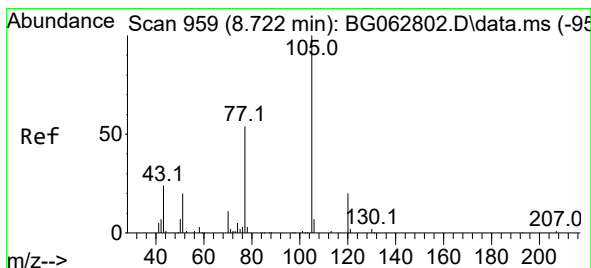
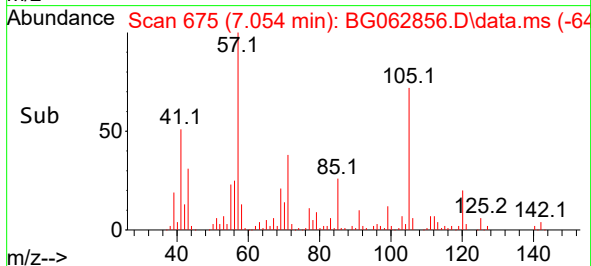
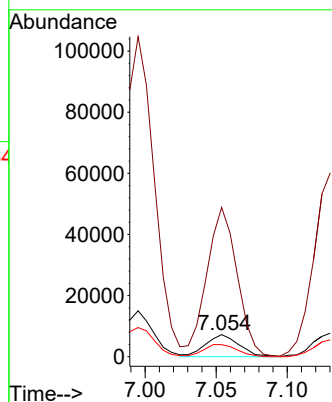
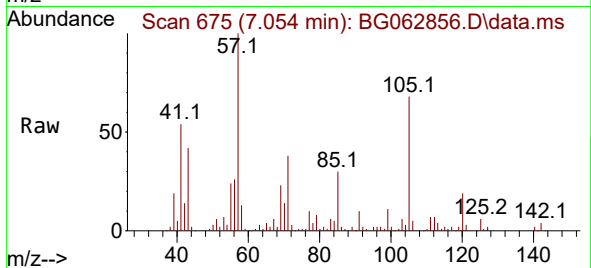




#6
Benzaldehyde
Concen: 4.747 ng/ul
RT: 7.054 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

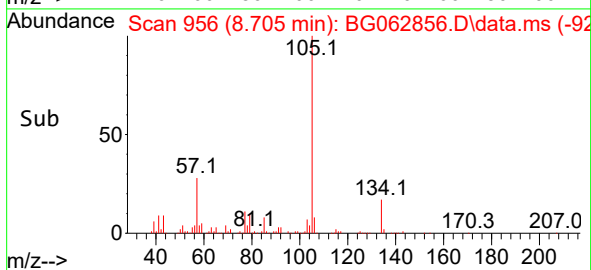
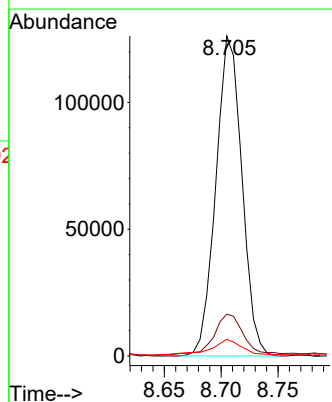
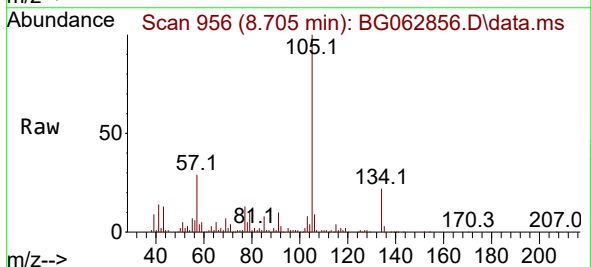
Instrument :
BNA_G
ClientSampleId :
DCVZ8

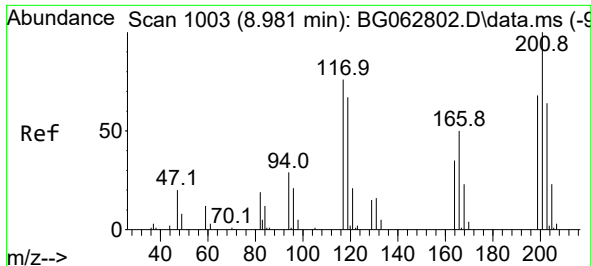
Tgt Ion: 77 Resp: 11725
Ion Ratio Lower Upper
77 100
105 675.6 79.0 118.4#
106 54.5 69.0 103.6#



#16
Acetophenone
Concen: 33.067 ng/ul
RT: 8.705 min Scan# 956
Delta R.T. -0.017 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion: 105 Resp: 201207
Ion Ratio Lower Upper
105 100
77 13.1 63.3 94.9#
51 5.2 26.5 39.7#

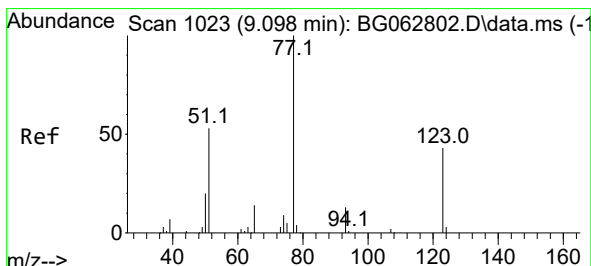
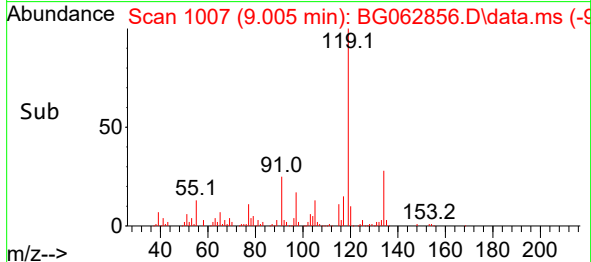
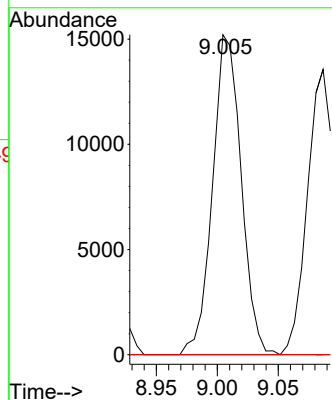
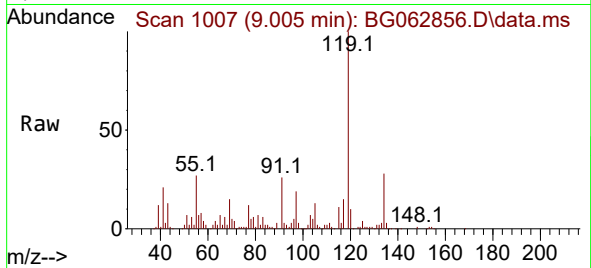




#19
Hexachloroethane
Concen: 18.446 ng/ul
RT: 9.005 min Scan# 1007
Delta R.T. 0.018 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

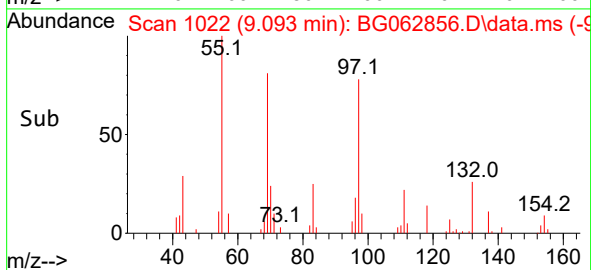
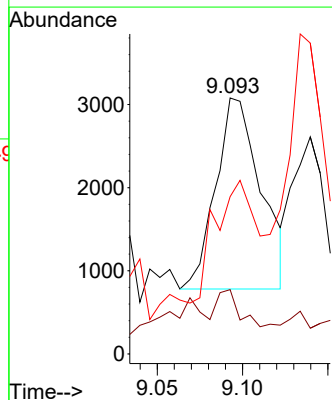
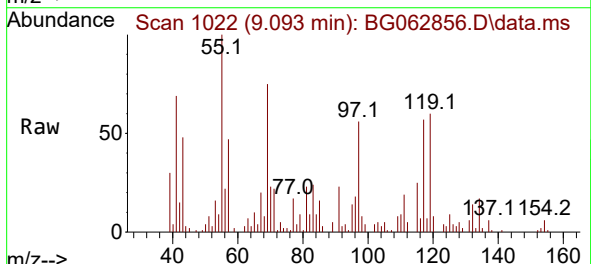
Instrument :
BNA_G
ClientSampleId :
DCVZ8

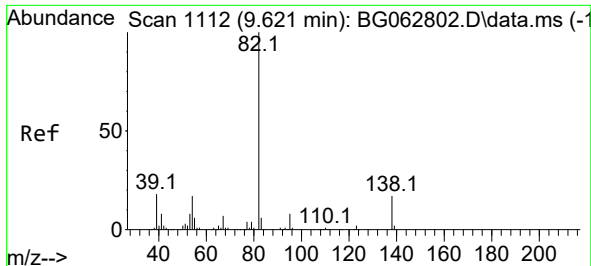
Tgt Ion:117 Resp: 24846
Ion Ratio Lower Upper
117 100
201 0.0 106.6 160.0#
199 0.0 62.0 93.0#



#22
Nitrobenzene
Concen: 1.136 ng/ul
RT: 9.093 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion: 77 Resp: 4224
Ion Ratio Lower Upper
77 100
123 25.1 30.9 46.3#
65 61.4 9.7 14.5#

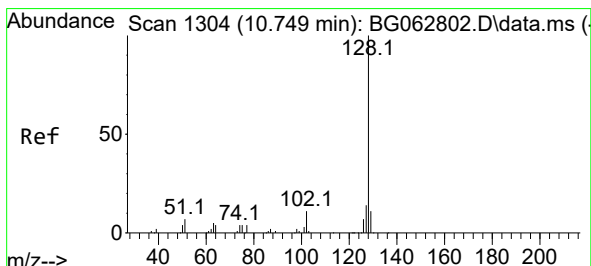
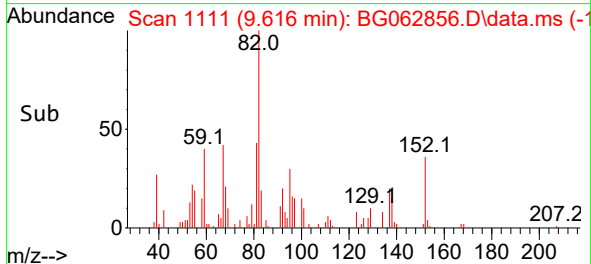
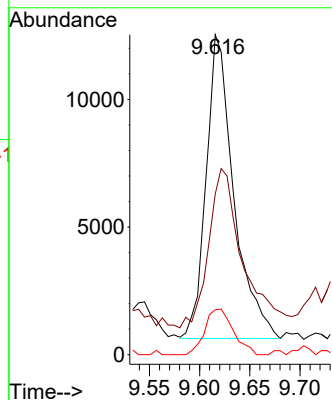
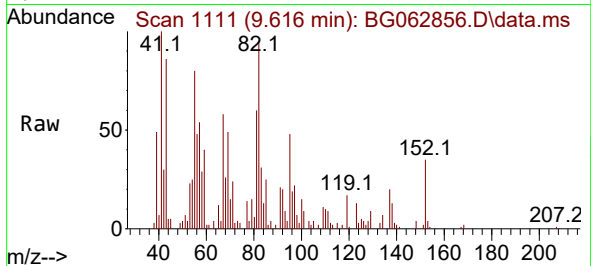




#23
Isophorone
Concen: 3.005 ng/uI
RT: 9.616 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

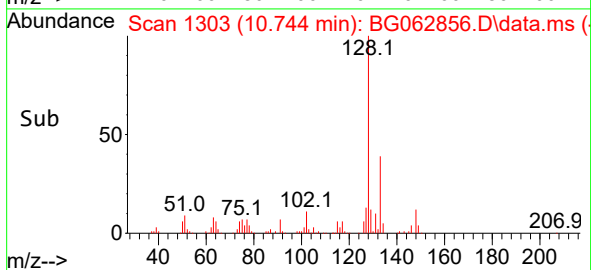
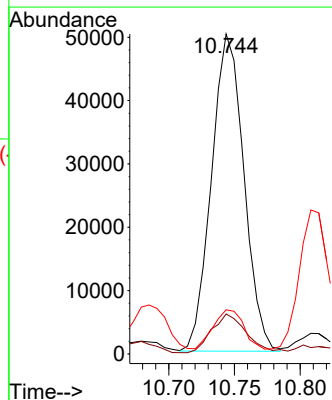
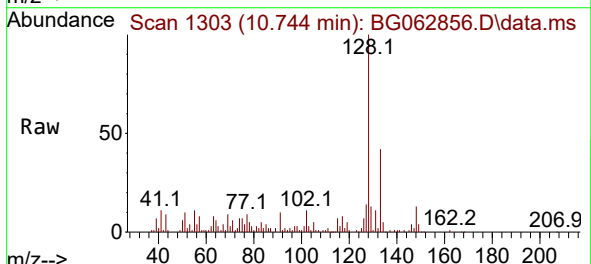
Instrument :
BNA_G
ClientSampleId :
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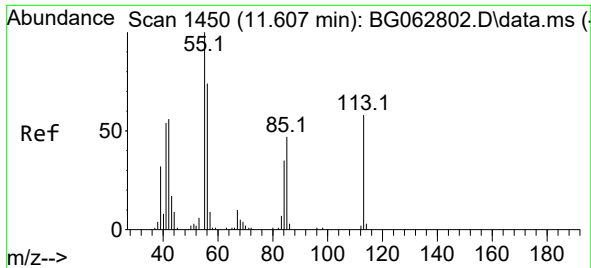
Tgt Ion: 82 Resp: 22847
Ion Ratio Lower Upper
82 100
95 50.2 5.8 8.8#
138 14.0 13.0 19.6



#30
Naphthalene
Concen: 8.350 ng/uI
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:128 Resp: 86106
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 13.8 10.7 16.1

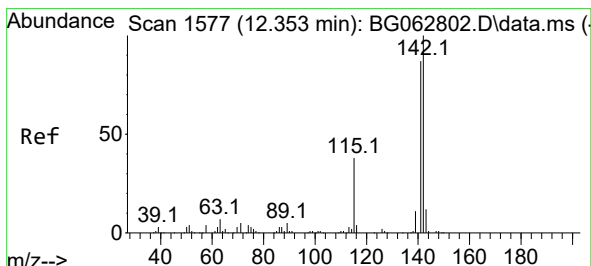
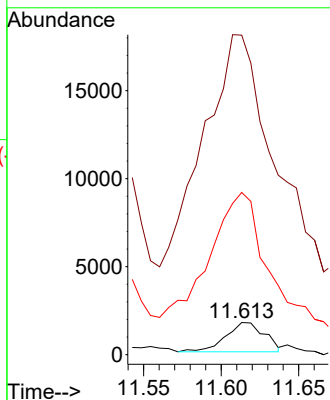
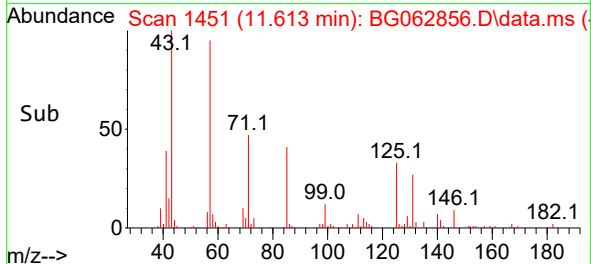
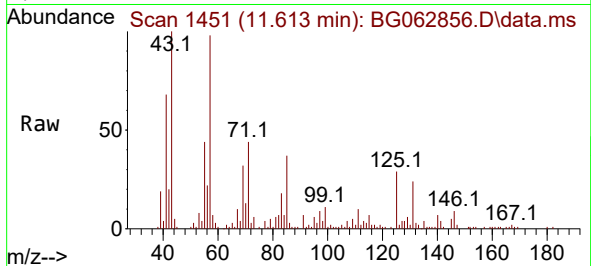




#34
Caprolactam
Concen: 2.428 ng/ul
RT: 11.613 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

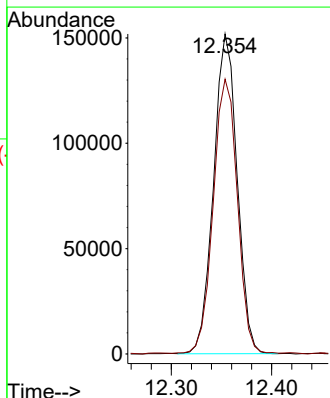
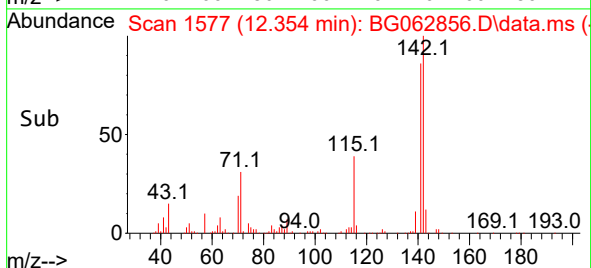
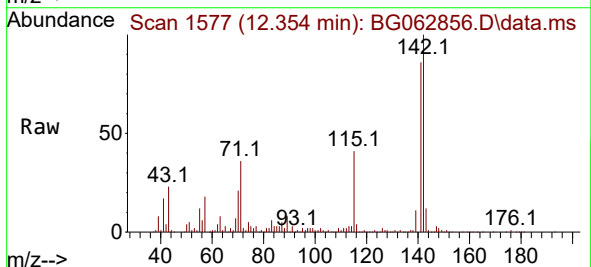
Instrument :
BNA_G
ClientSampleId :
DCVZ8

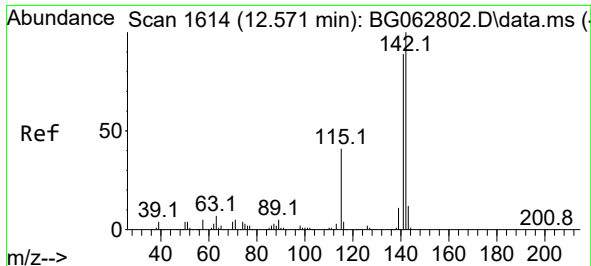
Tgt Ion:113 Resp: 2886
Ion Ratio Lower Upper
113 100
55 993.4 150.8 226.2#
56 504.2 125.0 187.6#



#36
2-Methylnaphthalene
Concen: 32.506 ng/ul
RT: 12.354 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:142 Resp: 247400
Ion Ratio Lower Upper
142 100
141 85.8 73.4 110.2





#37

1-Methylnaphthalene

Concen: 18.481 ng/ul

RT: 12.571 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

Instrument :

BNA_G

ClientSampleId :

DCVZ8

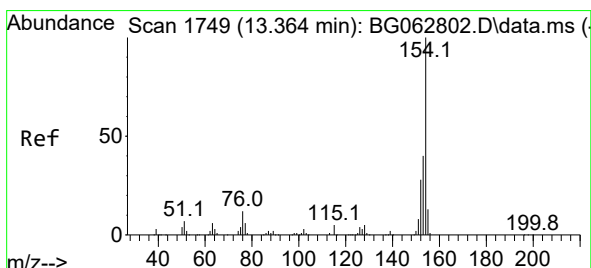
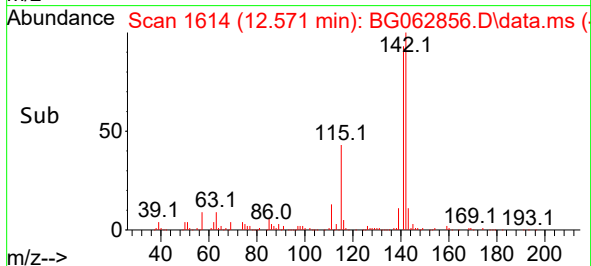
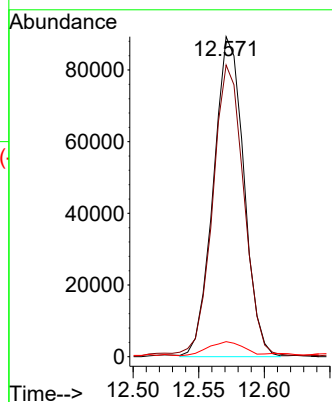
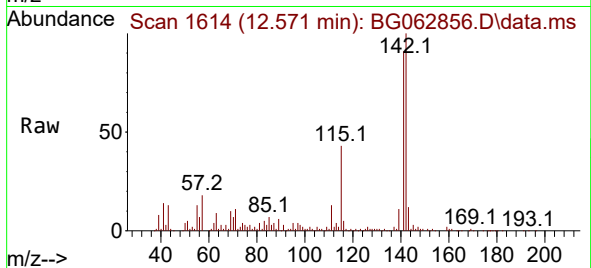
Tgt Ion:142 Resp: 144080

Ion Ratio Lower Upper

142 100

141 91.1 71.1 106.7

116 4.7 3.0 4.6#



#43

1,1'-Biphenyl

Concen: 2.142 ng/ul

RT: 13.358 min Scan# 1748

Delta R.T. -0.005 min

Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

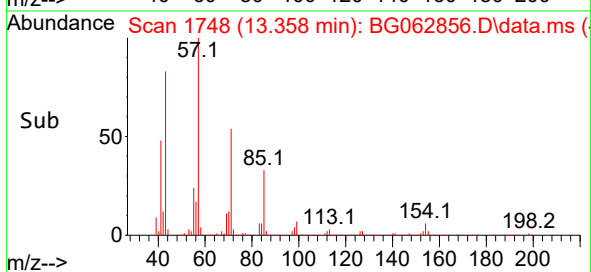
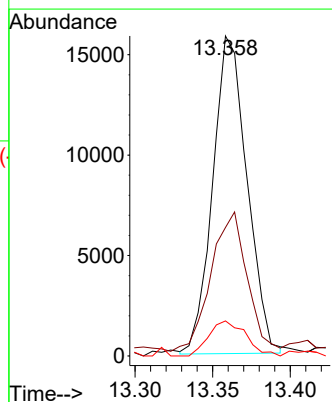
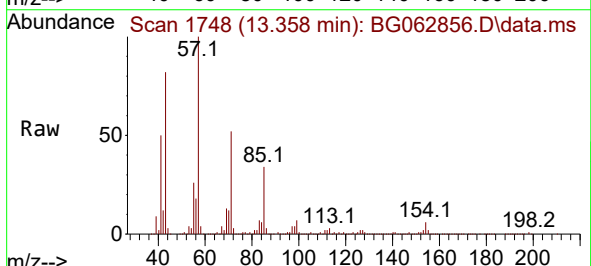
Tgt Ion:154 Resp: 24337

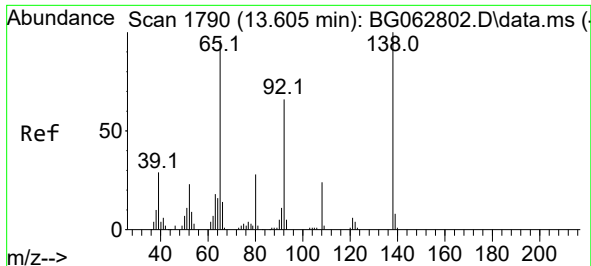
Ion Ratio Lower Upper

154 100

153 40.2 33.4 50.0

76 11.0 10.1 15.1

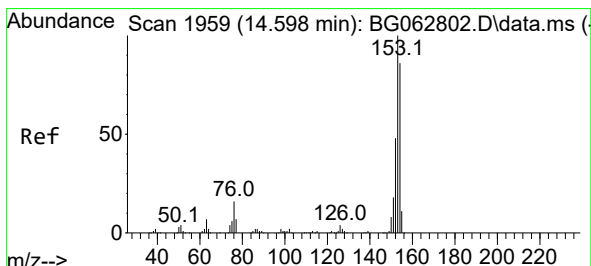
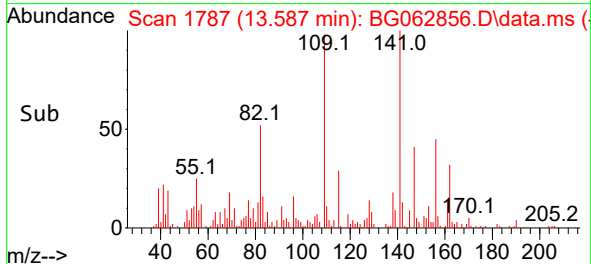
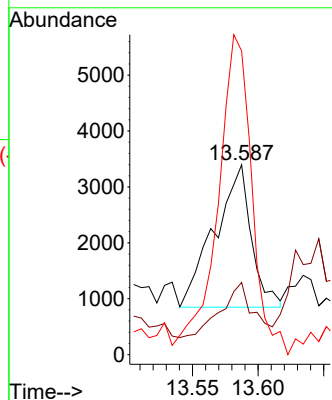
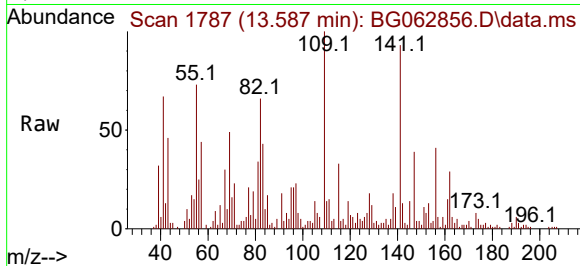




#45
2-Nitroaniline
Concen: 1.950 ng/ul
RT: 13.587 min Scan# 1787
Delta R.T. -0.023 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

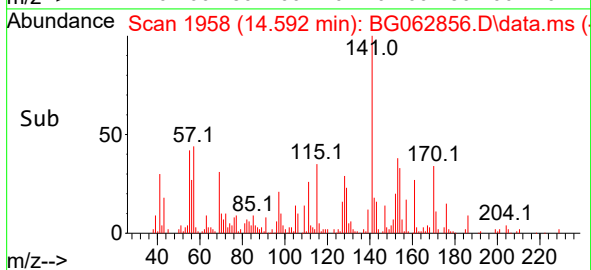
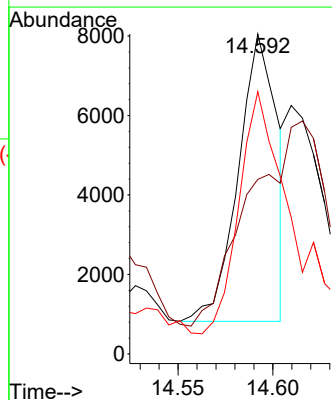
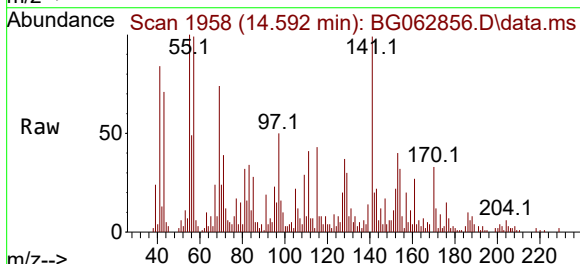
Instrument :
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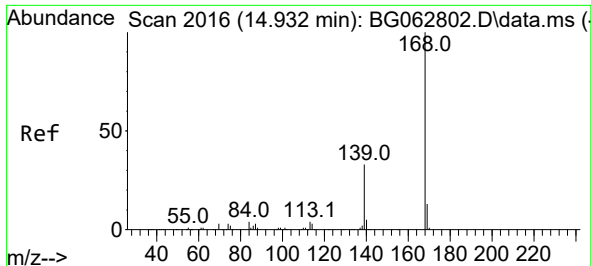
Tgt Ion: 65 Resp: 4944
Ion Ratio Lower Upper
65 100
92 38.0 55.0 82.4#
138 159.9 80.0 120.0#



#52
Acenaphthene
Concen: 1.000 ng/ul
RT: 14.592 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:153 Resp: 10336
Ion Ratio Lower Upper
153 100
152 54.6 37.2 55.8
154 81.9 67.8 101.6

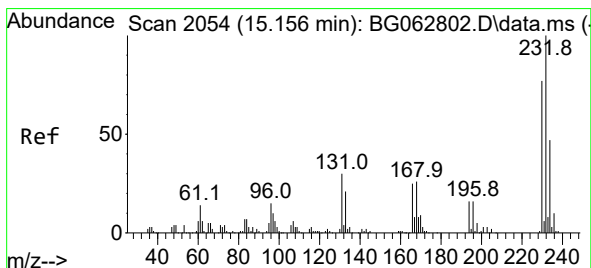
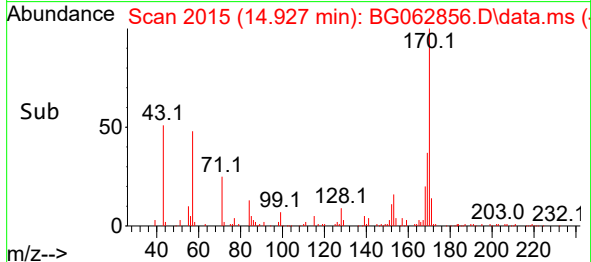
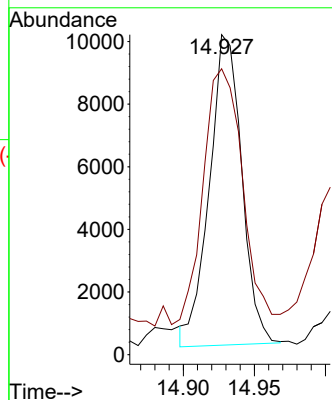
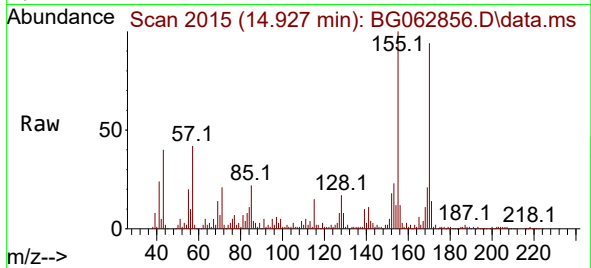




#56
Dibenzenofuran
Concen: 1.020 ng/ul
RT: 14.927 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

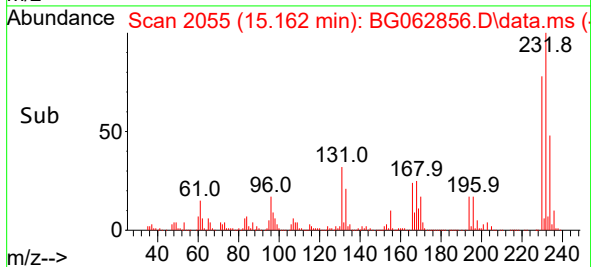
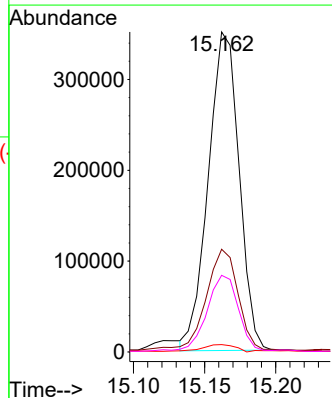
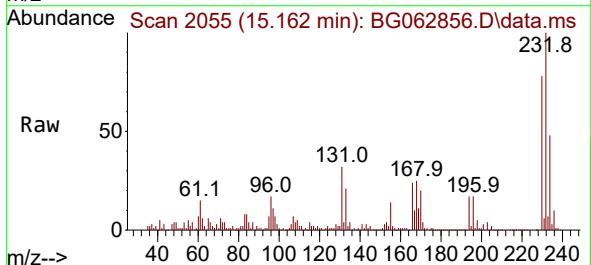
Instrument :
BNA_G
ClientSampleId :
DCVZ8

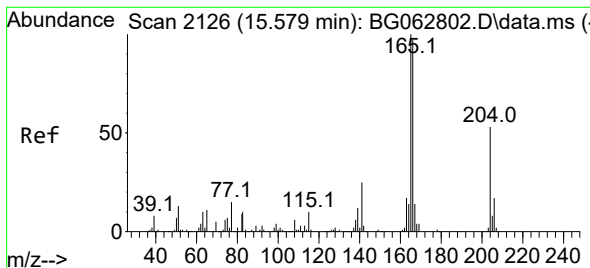
Tgt Ion:168 Resp: 15663
Ion Ratio Lower Upper
168 100
139 89.4 27.6 41.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 144.502 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.007 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:232 Resp: 529062
Ion Ratio Lower Upper
232 100
131 32.1 26.6 40.0
130 2.3 1.6 2.4
166 23.9 20.6 31.0





#61

Fluorene

Concen: 2.507 ng/ul

RT: 15.579 min Scan# 2114

Delta R.T. 0.001 min

Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

Instrument :

BNA_G

ClientSampleId :

DCVZ8

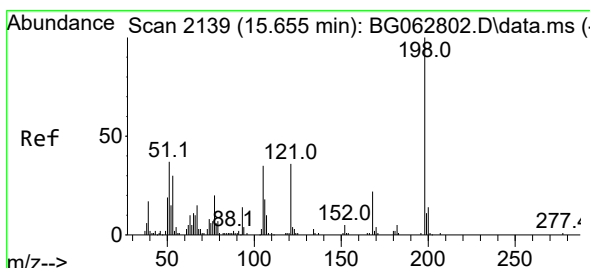
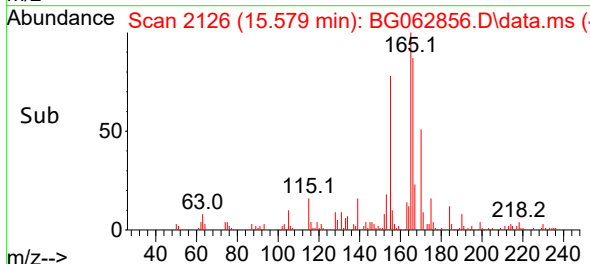
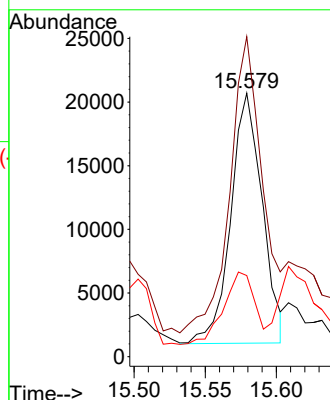
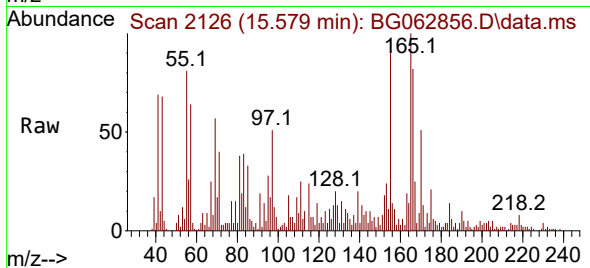
Tgt Ion:166 Resp: 30243

Ion Ratio Lower Upper

166 100

165 121.4 80.9 121.3#

167 30.8 10.9 16.3#



#66

4,6-Dinitro-2-methylphenol

Concen: 1.877 ng/ul

RT: 15.667 min Scan# 2141

Delta R.T. 0.006 min

Lab File: BG062856.D

Acq: 15 Sep 2024 21:29

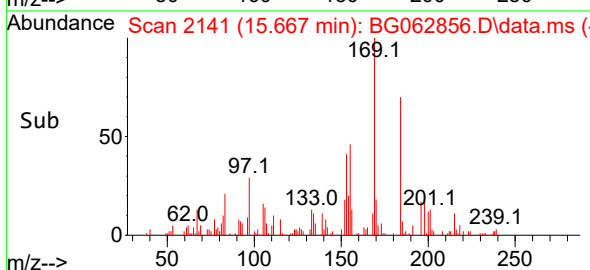
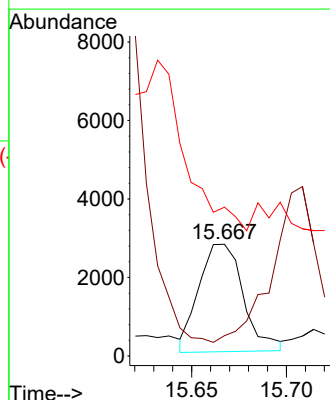
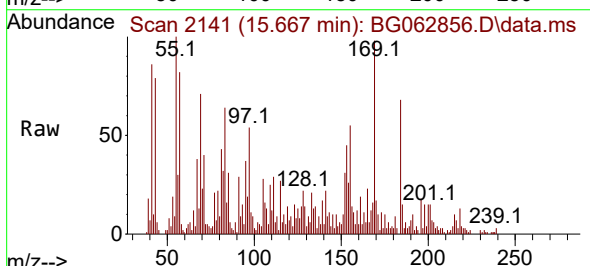
Tgt Ion:198 Resp: 4477

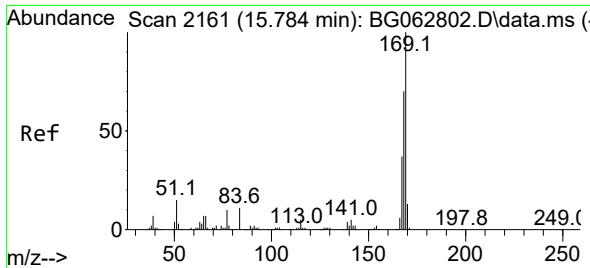
Ion Ratio Lower Upper

198 100

182 18.1 3.3 4.9#

77 133.3 15.0 22.6#

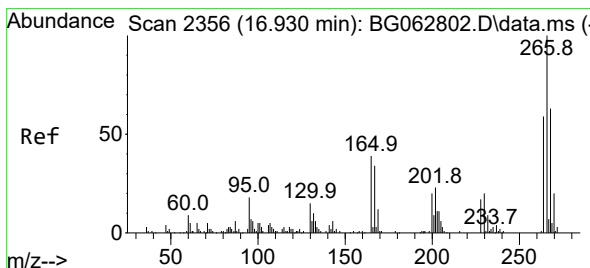
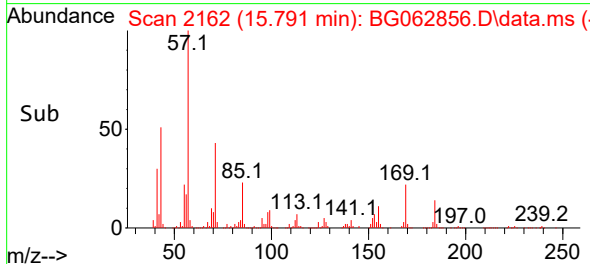
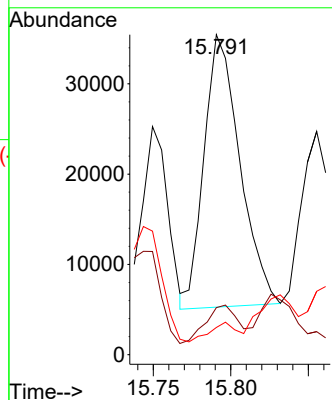
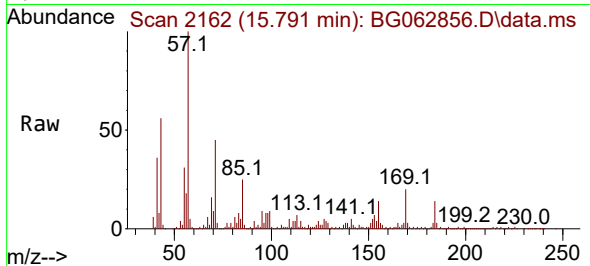




#67
N-Nitrosodiphenylamine
Concen: 4.717 ng/ul
RT: 15.791 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

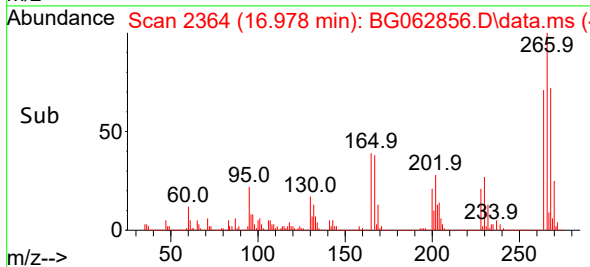
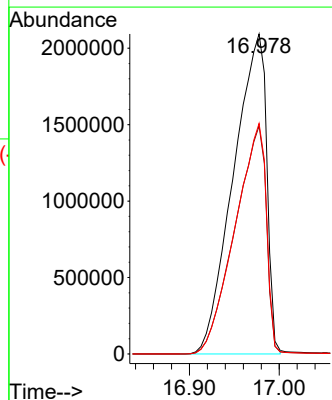
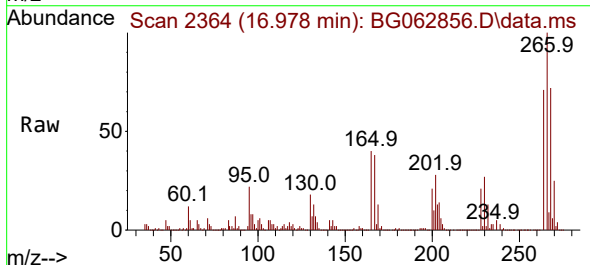
Instrument :
BNA_G
ClientSampleId :
DCVZ8

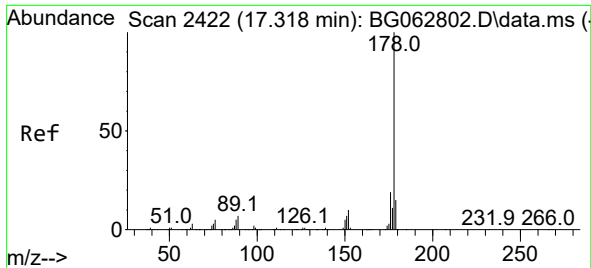
Tgt Ion:169 Resp: 48403
Ion Ratio Lower Upper
169 100
168 14.7 55.7 83.5#
167 8.5 28.9 43.3#



#71
Pentachlorophenol
Concen: 1703.054 ng/ul
RT: 16.978 min Scan# 2364
Delta R.T. 0.048 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Tgt Ion:266 Resp: 5354669
Ion Ratio Lower Upper
266 100
264 71.3 48.6 72.8
268 72.0 49.5 74.3





#72
Phenanthrene
Concen: 7.940 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG062856.D
Acq: 15 Sep 2024 21:29

Instrument :
BNA_G
ClientSampleId :
DCVZ8

Tgt Ion:178 Resp: 165208
Ion Ratio Lower Upper
178 100
179 19.1 12.1 18.1#
176 18.8 14.9 22.3

