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 Data File : BG062125.D
 Acq On : 17 Jul 2024 23:17
 Operator : MA/JU
 Sample : P3217-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD6

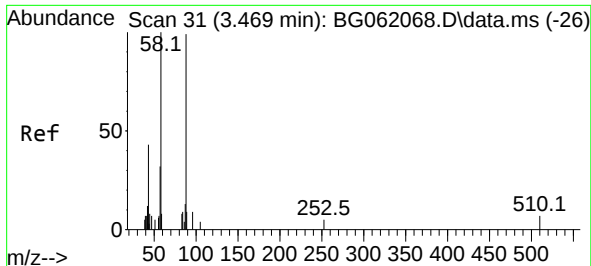
Quant Time: Jul 18 01:08:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	26707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	123428	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	83293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	185258	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.685	240	171041	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	190713	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	673	0.947	ng/uL	0.00
4) Pyridine-d5	3.864	84	25814	11.813	ng/ul	0.00
7) Phenol-d5	7.225	99	15320	5.242	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	22539	12.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	30872	15.399	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	26313	11.434	ng/ul	0.01
21) Nitrobenzene-d5	9.211	128	18262	19.454	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.939	143	21957	20.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	40261	19.472	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	32356	10.778	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	129759	18.949	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	136713	19.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	949	0.868	ng/ul	-0.01
60) Fluorene-d10	15.668	176	111229	19.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	17880	18.377	ng/ul	0.00
73) Anthracene-d10	17.525	188	175958	20.343	ng/ul	0.00
81) Pyrene-d10	19.804	212	203090	20.187	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	206256	21.807	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	5683	7.245	ng/uL#	68
6) Benzaldehyde	7.184	77	8734	5.646	ng/ul#	1
13) 2-Methylphenol	8.506	108	31494	14.746	ng/ul	85
16) Acetophenone	8.841	105	26555	6.986	ng/ul#	40
19) Hexachloroethane	9.146	117	17225	19.440	ng/ul#	12
22) Nitrobenzene	9.234	77	4411	1.655	ng/ul#	6
26) 2,4-Dimethylphenol	10.051	107	56443	21.573	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.274	93	34194	10.315	ng/ul#	1
30) Naphthalene	10.909	128	218273	32.194	ng/ul#	94
35) 4-Chloro-3-methylphenol	12.160	107	24080	9.309	ng/ul#	79
36) 2-Methylnaphthalene	12.525	142	1025783	208.837	ng/ul	95
37) 1-Methylnaphthalene	12.742	142	724035	141.844	ng/ul	95
43) 1,1'-Biphenyl	13.512	154	14102	2.197	ng/ul#	96
52) Acenaphthene	14.740	153	9690	1.786	ng/ul#	74
61) Fluorene	15.721	166	7085	1.086	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.844	198	1759	1.680	ng/ul#	1
72) Phenanthrene	17.466	178	16689	1.708	ng/ul#	90

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

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

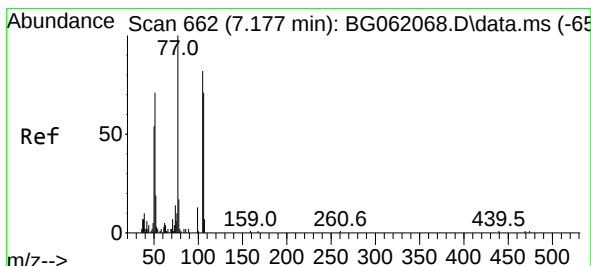
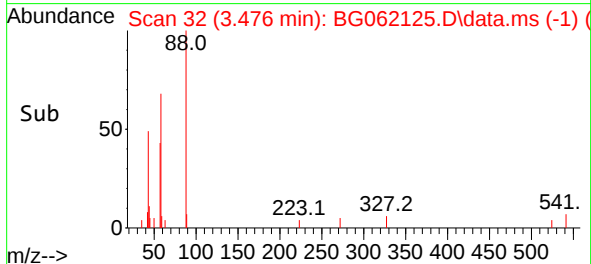
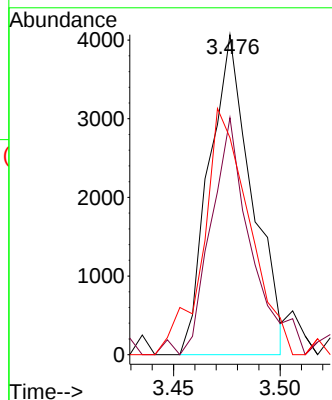
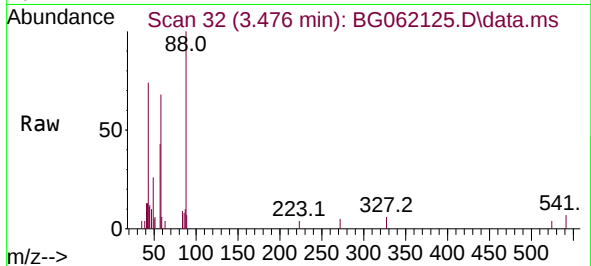




#2
1,4-Dioxane
Concen: 7.245 ng/uL
RT: 3.476 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

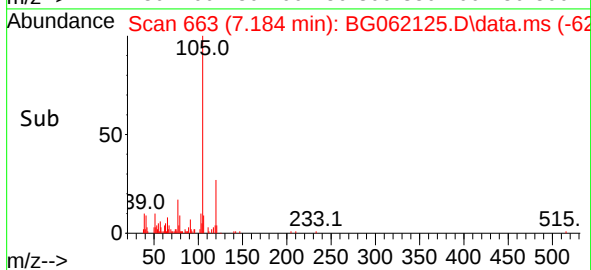
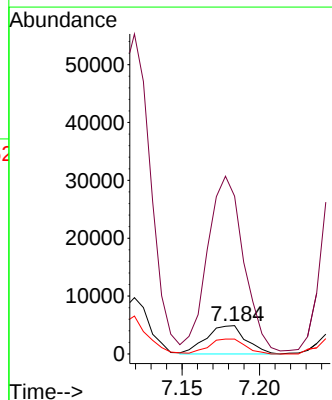
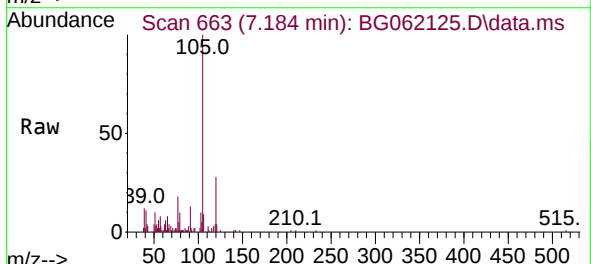
Instrument :
BNA_G
ClientSampleId :
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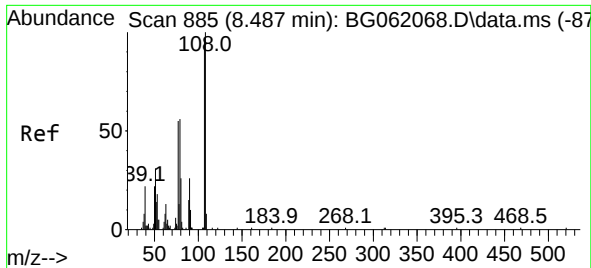
Tgt Ion: 88 Resp: 5683
Ion Ratio Lower Upper
88 100
43 74.1 39.4 59.2#
58 67.8 78.1 117.1#



#6
Benzaldehyde
Concen: 5.646 ng/uL
RT: 7.184 min Scan# 663
Delta R.T. 0.000 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion: 77 Resp: 8734
Ion Ratio Lower Upper
77 100
105 556.2 79.6 119.4#
106 52.3 62.6 93.8#

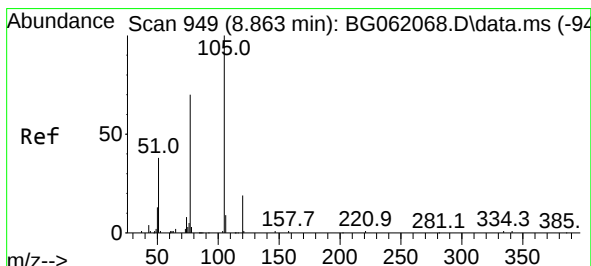
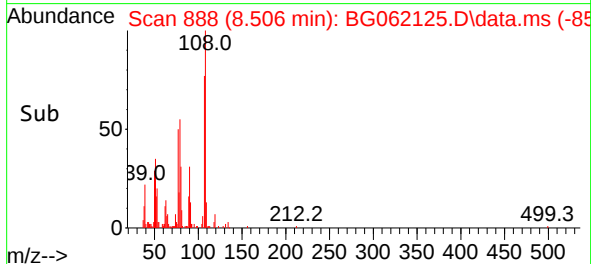
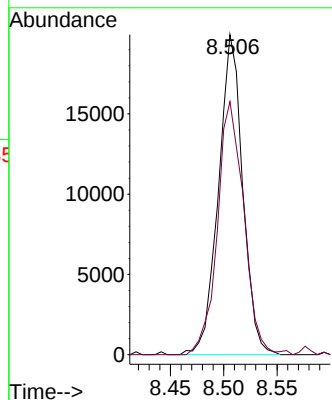
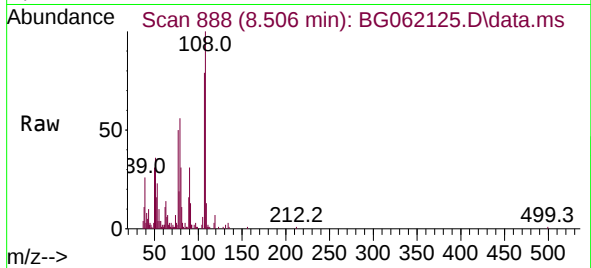




#13
2-Methylphenol
Concen: 14.746 ng/ul
RT: 8.506 min Scan# 81
Delta R.T. 0.012 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

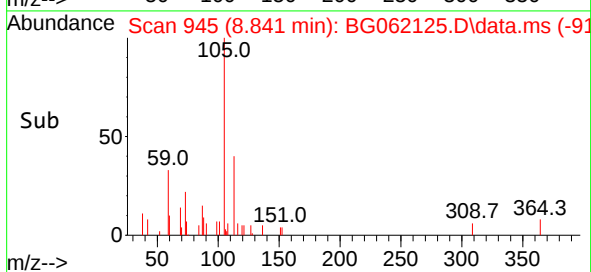
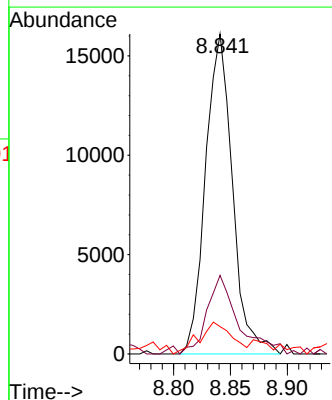
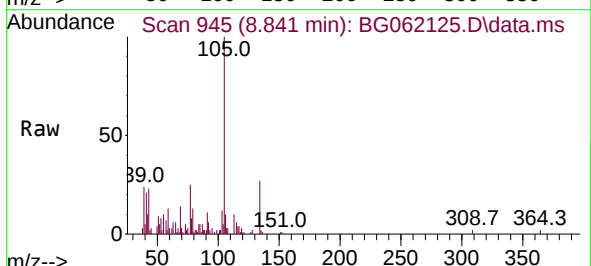
Instrument :
BNA_G
ClientSampleId :
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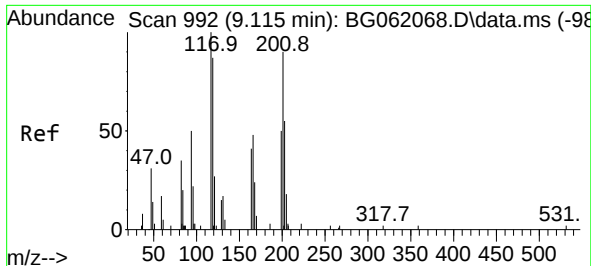
Tgt Ion:108 Resp: 31494
Ion Ratio Lower Upper
108 100
107 79.1 74.9 112.3



#16
Acetophenone
Concen: 6.986 ng/ul
RT: 8.841 min Scan# 945
Delta R.T. -0.035 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion:105 Resp: 26555
Ion Ratio Lower Upper
105 100
77 24.5 64.1 96.1#
51 8.6 33.8 50.8#

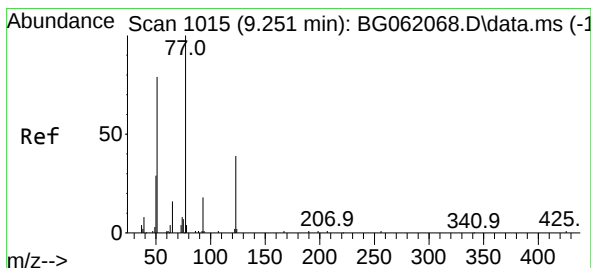
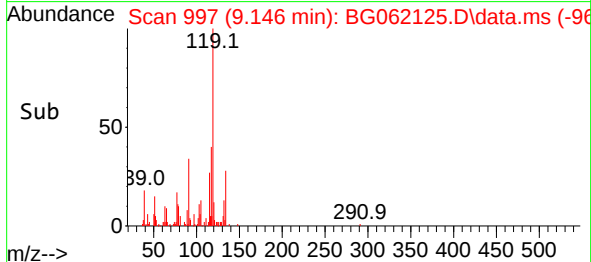
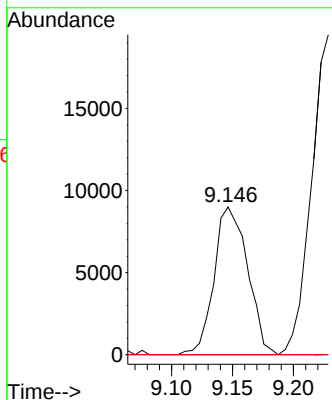
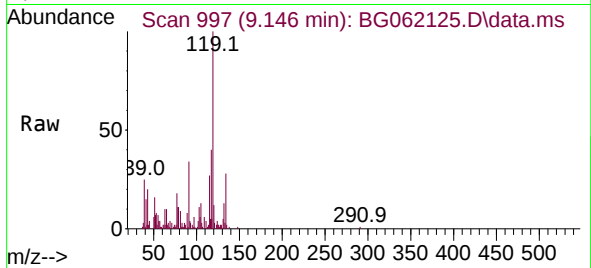




#19
Hexachloroethane
Concen: 19.440 ng/ul
RT: 9.146 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

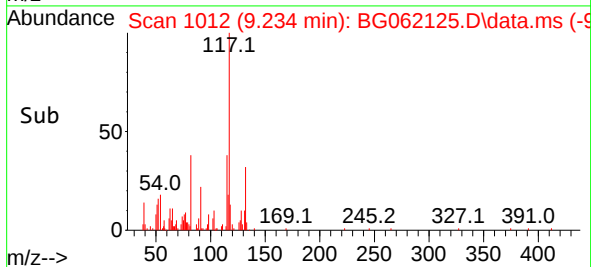
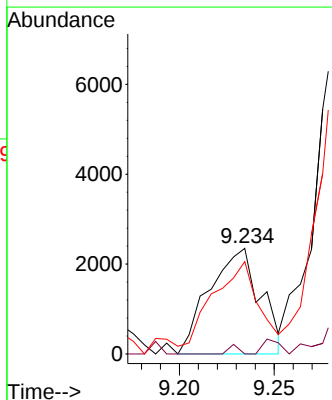
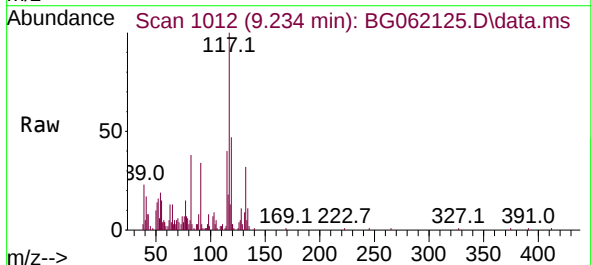
Instrument :
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ClientSampleId :
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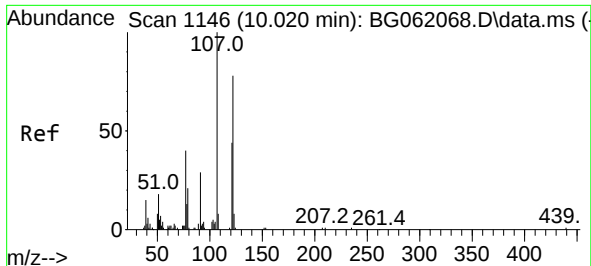
Tgt Ion:117 Resp: 17225
Ion Ratio Lower Upper
117 100
201 0.0 69.3 103.9#
199 0.0 48.9 73.3#



#22
Nitrobenzene
Concen: 1.655 ng/ul
RT: 9.234 min Scan# 1012
Delta R.T. -0.023 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion: 77 Resp: 4411
Ion Ratio Lower Upper
77 100
123 0.0 31.0 46.6#
65 87.4 12.7 19.1#

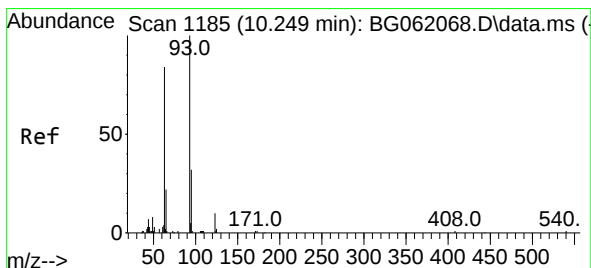
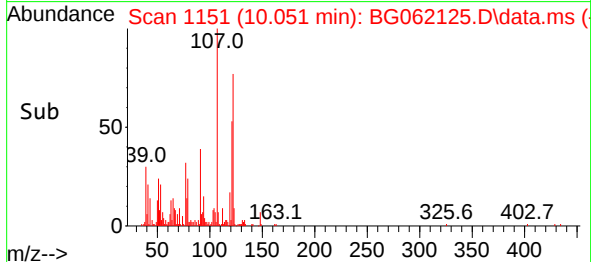
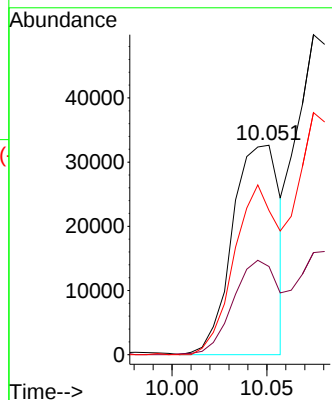
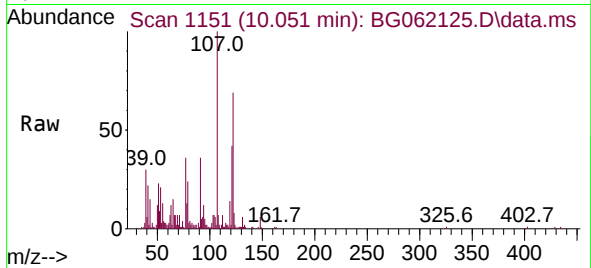




#26
2,4-Dimethylphenol
Concen: 21.573 ng/ul
RT: 10.051 min Scan# 1146
Delta R.T. 0.018 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

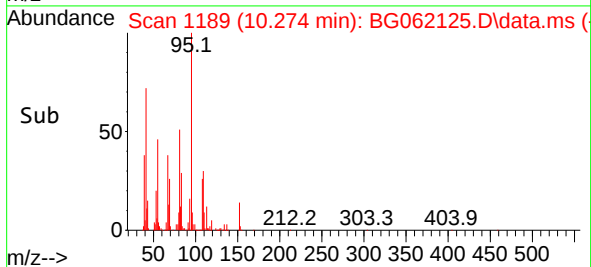
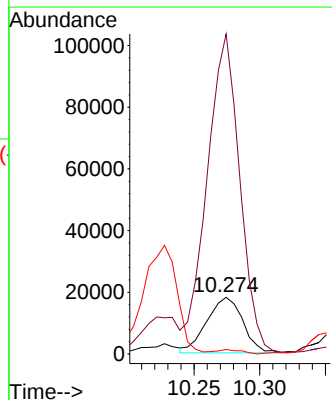
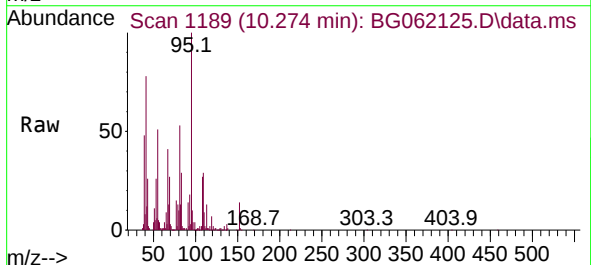
Instrument :
BNA_G
ClientSampleId :
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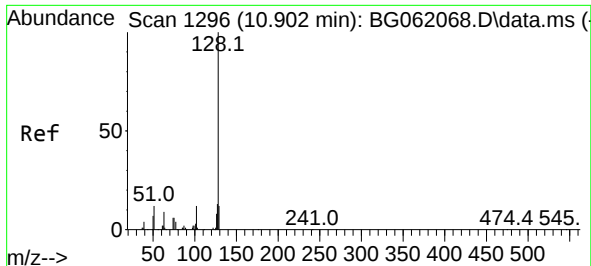
Tgt Ion:107 Resp: 56443
Ion Ratio Lower Upper
107 100
121 42.1 35.6 53.4
122 68.8 62.2 93.2



#27
Bis(2-Chloroethoxy)methane
Concen: 10.315 ng/ul
RT: 10.274 min Scan# 1189
Delta R.T. 0.012 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion: 93 Resp: 34194
Ion Ratio Lower Upper
93 100
95 564.9 26.2 39.2#
123 8.0 7.5 11.3

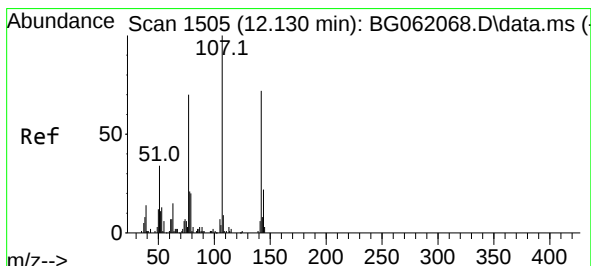
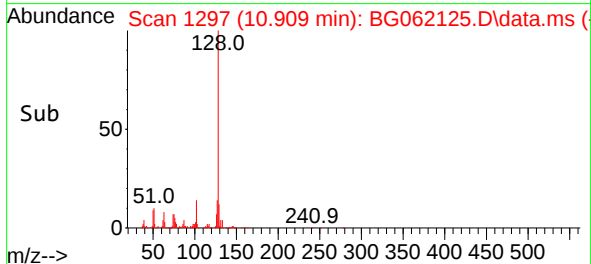
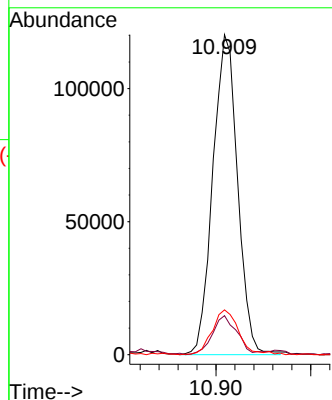
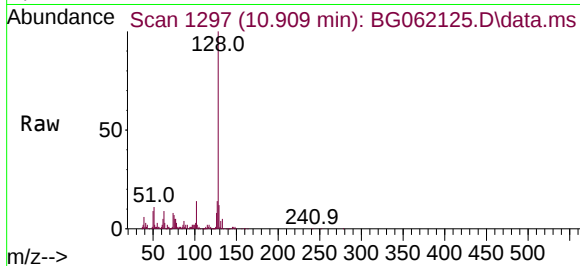




#30
Naphthalene
Concen: 32.194 ng/ul
RT: 10.909 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

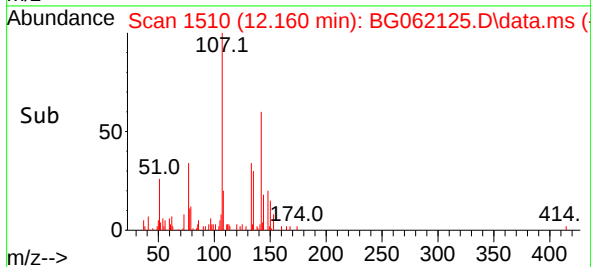
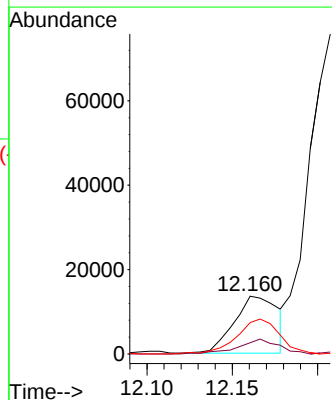
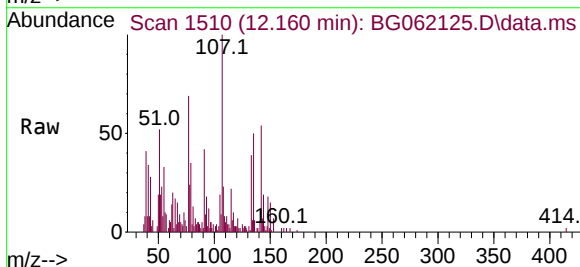
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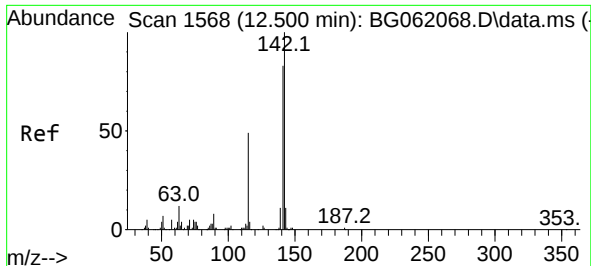
Tgt Ion:128 Resp: 218273
Ion Ratio Lower Upper
128 100
129 12.2 7.7 11.5#
127 14.0 9.6 14.4



#35
4-Chloro-3-methylphenol
Concen: 9.309 ng/ul
RT: 12.160 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion:107 Resp: 24080
Ion Ratio Lower Upper
107 100
144 19.3 19.6 29.4#
142 54.1 60.3 90.5#

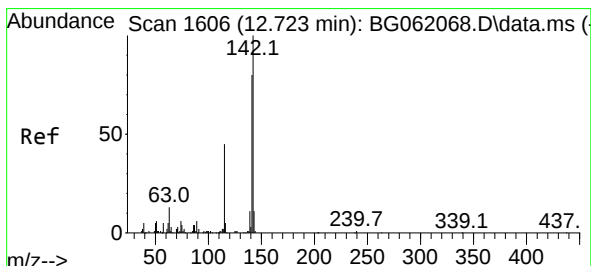
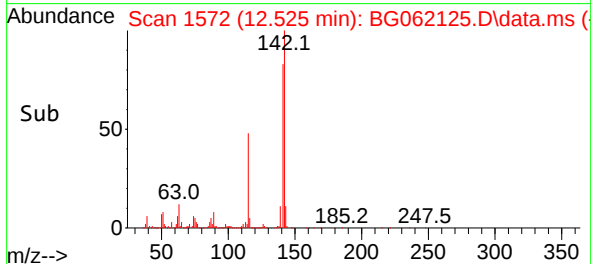
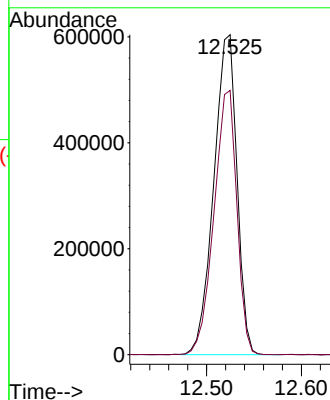
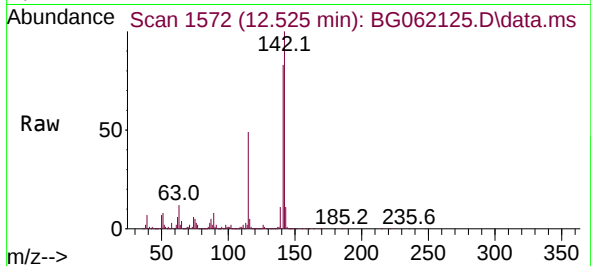




#36
2-Methylnaphthalene
Concen: 208.837 ng/ul
RT: 12.525 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

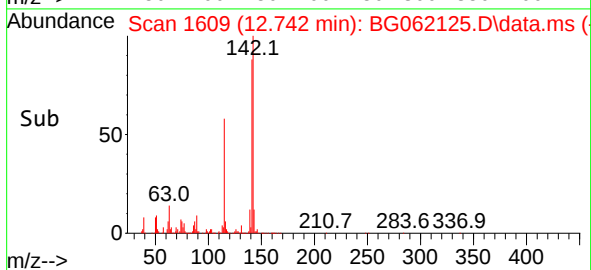
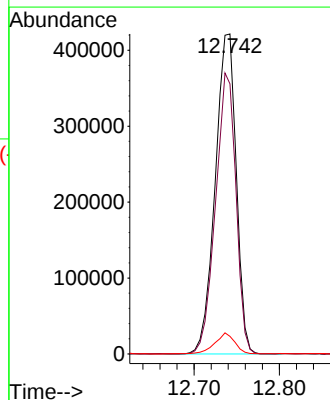
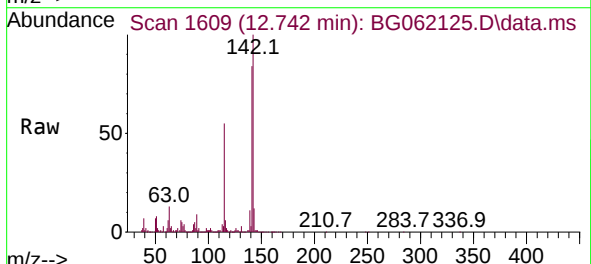
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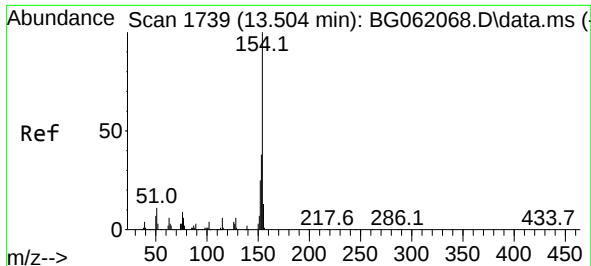
Tgt Ion:142 Resp: 1025783
Ion Ratio Lower Upper
142 100
141 82.6 69.4 104.2



#37
1-Methylnaphthalene
Concen: 141.844 ng/ul
RT: 12.742 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion:142 Resp: 724035
Ion Ratio Lower Upper
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141 84.4 71.4 107.2
116 5.5 3.8 5.8

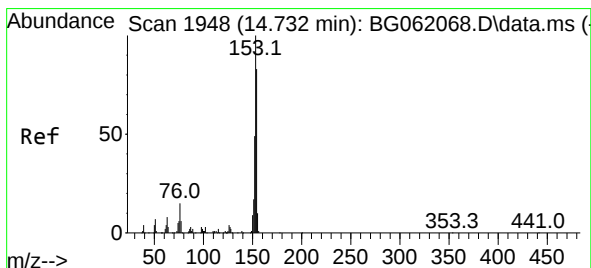
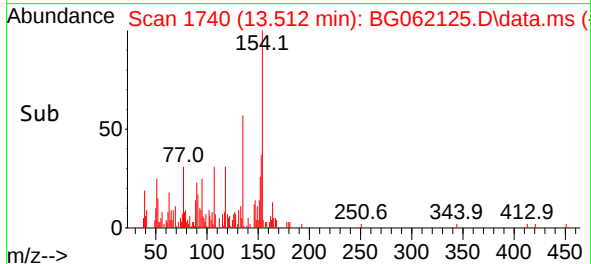
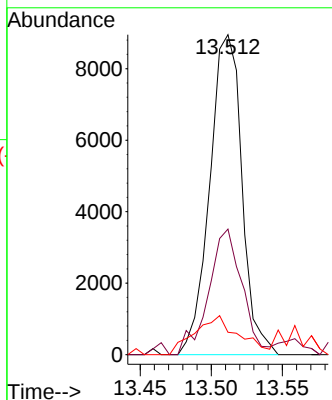
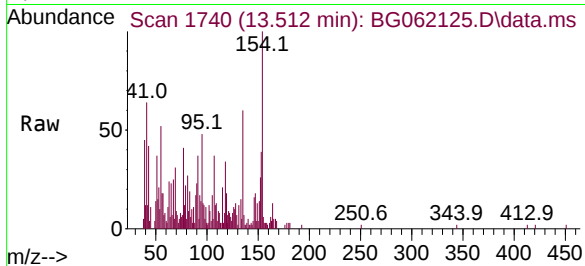




#43
1,1'-Biphenyl
Concen: 2.197 ng/ul
RT: 13.512 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

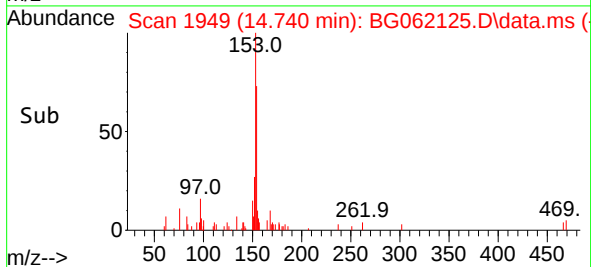
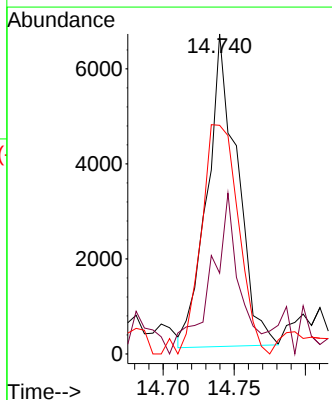
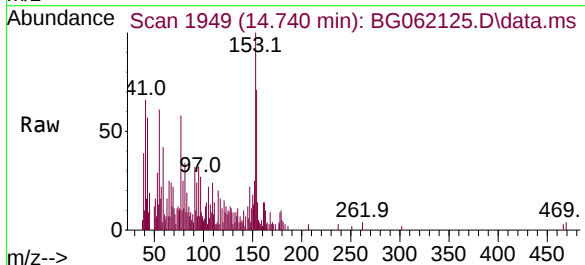
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ClientSampleId :
YDZD6

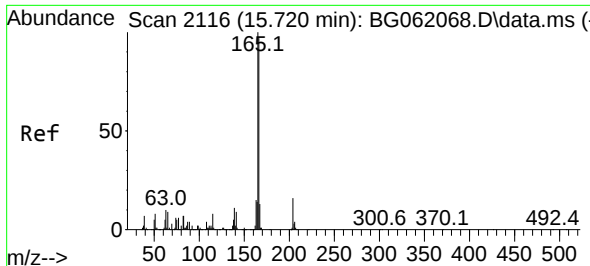
Tgt Ion:154 Resp: 14102
Ion Ratio Lower Upper
154 100
153 39.3 31.7 47.5
76 7.0 10.0 15.0#



#52
Acenaphthene
Concen: 1.786 ng/ul
RT: 14.740 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion:153 Resp: 9690
Ion Ratio Lower Upper
153 100
152 25.2 37.2 55.8#
154 71.4 75.0 112.6#

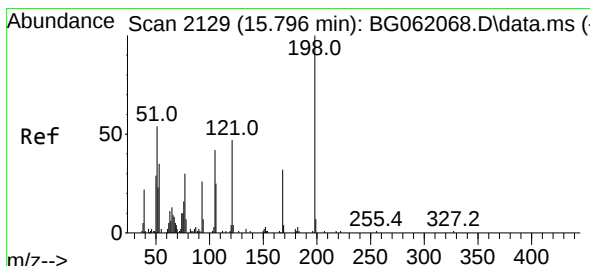
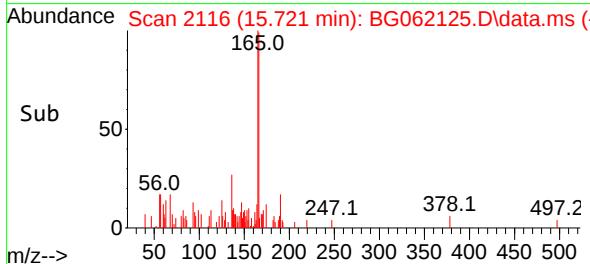
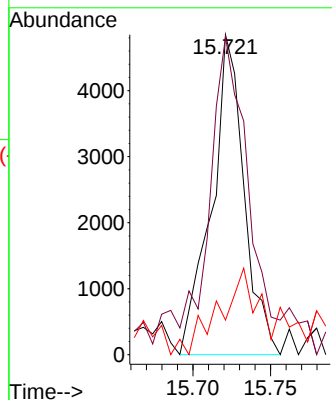
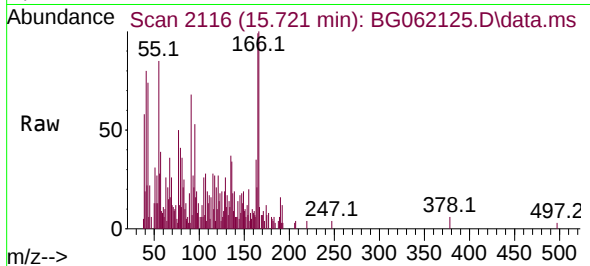




#61
 Fluorene
 Concen: 1.086 ng/ul
 RT: 15.721 min Scan# 2116
 Delta R.T. -0.006 min
 Lab File: BG062125.D
 Acq: 17 Jul 2024 23:17

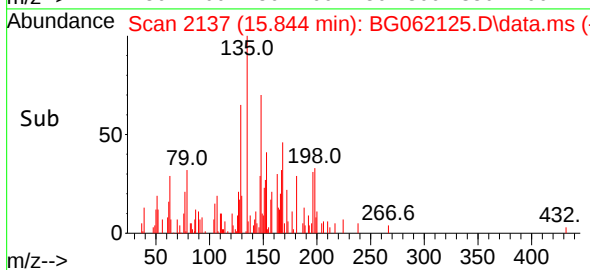
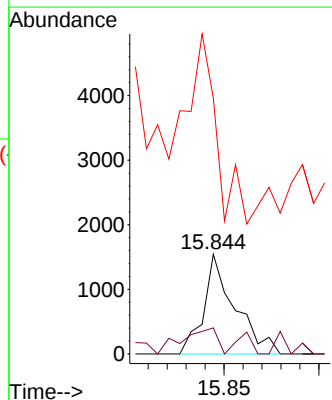
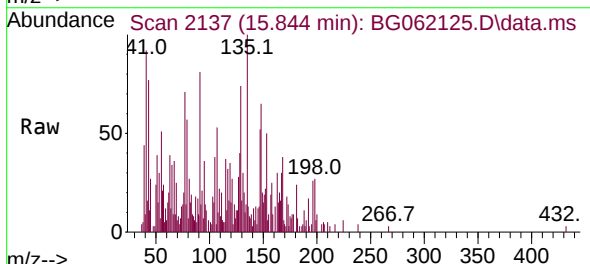
Instrument :
 BNA_G
 ClientSampleId :
 YDZD6

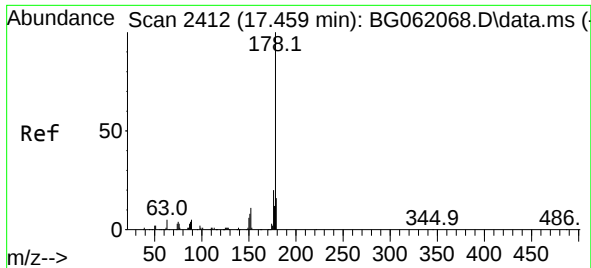
Tgt Ion:166 Resp: 7085
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.4 117.6
 167 10.8 10.4 15.6



#66
 4,6-Dinitro-2-methylphenol
 Concen: 1.680 ng/ul
 RT: 15.844 min Scan# 2137
 Delta R.T. 0.035 min
 Lab File: BG062125.D
 Acq: 17 Jul 2024 23:17

Tgt Ion:198 Resp: 1759
 Ion Ratio Lower Upper
 198 100
 182 26.2 3.6 5.4#
 77 256.8 21.8 32.8#





#72
Phenanthrene
Concen: 1.708 ng/ul
RT: 17.466 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Instrument :
BNA_G
ClientSampleId :
YDZD6

Tgt Ion:	178	Resp:	16689
Ion Ratio	Lower	Upper	
178	100		
179	20.8	11.9	17.9#
176	16.0	15.5	23.3

