

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063072.D
 Acq On : 27 Sep 2024 13:52
 Operator : RC/JU
 Sample : P3927-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC9

Quant Time: Sep 27 22:55:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

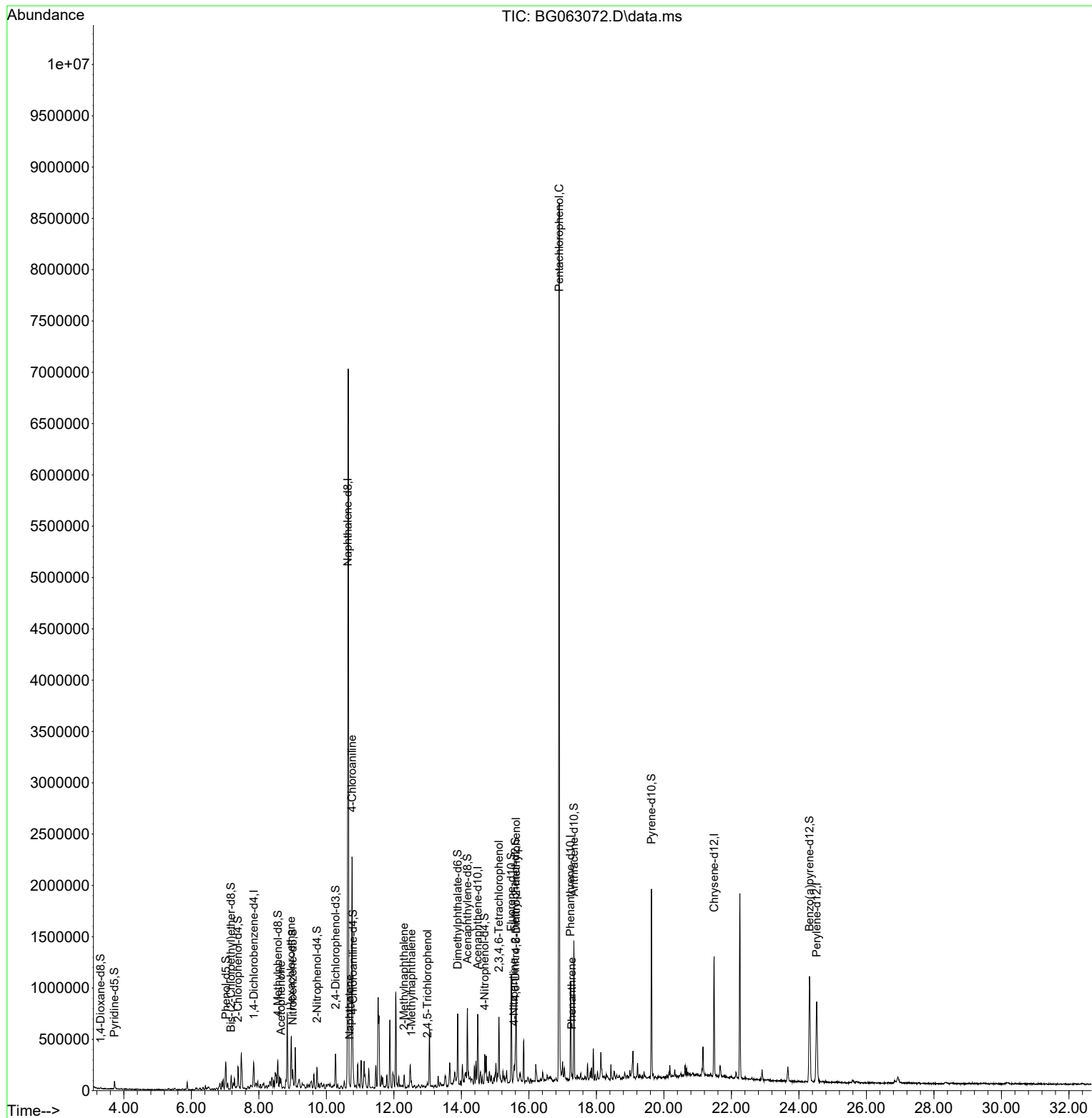
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	74375	20.000	ng/ul	0.00
20) Naphthalene-d8	10.635	136	271847	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.484	164	261345	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	676610	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.487	240	745714	20.000	ng/ul	# 0.00
88) Perylene-d12	24.525	264	869460	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5710	4.426	ng/uL	0.00
4) Pyridine-d5	3.720	84	52646	16.688	ng/ul	0.00
7) Phenol-d5	7.022	99	117772	25.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.174	67	47328	26.372	ng/ul	0.00
11) 2-Chlorophenol-d4	7.380	132	111691	24.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.561	113	108793	26.234	ng/ul	0.00
21) Nitrobenzene-d5	9.002	128	51653	25.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	72212	28.286	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.271	165	144377	27.096	ng/ul	0.00
31) 4-Chloroaniline-d4	10.788	131	138719	22.187	ng/ul	0.01
46) Dimethylphthalate-d6	13.890	166	490947	23.627	ng/ul	0.00
49) Acenaphthylene-d8	14.178	160	559341	25.401	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	75970	24.241	ng/ul	0.00
60) Fluorene-d10	15.477	176	468685	24.617	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	106631	22.551	ng/ul	0.00
73) Anthracene-d10	17.333	188	846745	26.084	ng/ul	0.00
81) Pyrene-d10	19.630	212	1116305	26.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.313	264	1193840	25.637	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.655	105	53938	8.364	ng/ul#	38
19) Hexachloroethane	8.949	117	8730	5.034	ng/ul#	1
30) Naphthalene	10.688	128	15520	1.123	ng/ul	99
32) 4-Chloroaniline	10.759	127	240831	41.889	ng/ul#	39
36) 2-Methylnaphthalene	12.304	142	38513	3.436	ng/ul	88
37) 1-Methylnaphthalene	12.515	142	22014	1.943	ng/ul#	88
42) 2,4,5-Trichlorophenol	12.991	196	10030	1.563	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.112	232	126129	18.391	ng/ul#	97
63) 4-Nitroaniline	15.553	138	16481	4.388	ng/ul#	51
66) 4,6-Dinitro-2-methylph...	15.623	198	249066	49.680	ng/ul#	71
71) Pentachlorophenol	16.898	266	1957381	340.001	ng/ul	91
72) Phenanthrene	17.274	178	41665	1.195	ng/ul#	90

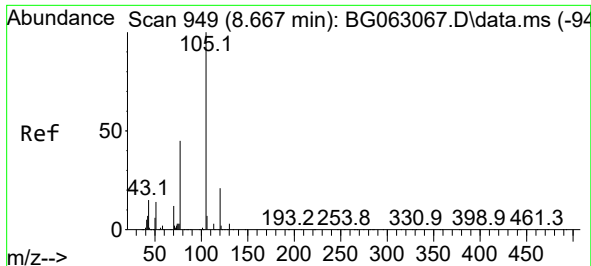
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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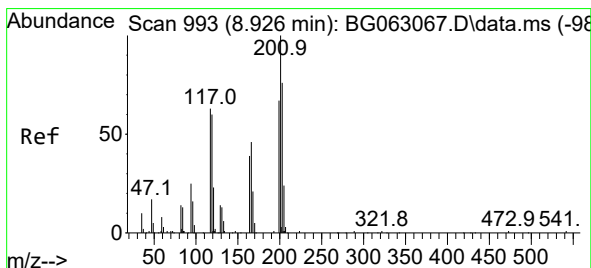
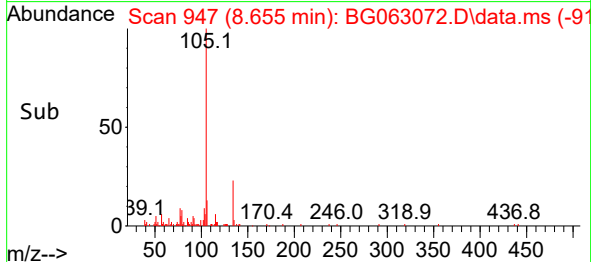
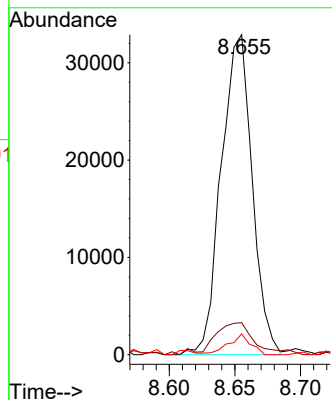
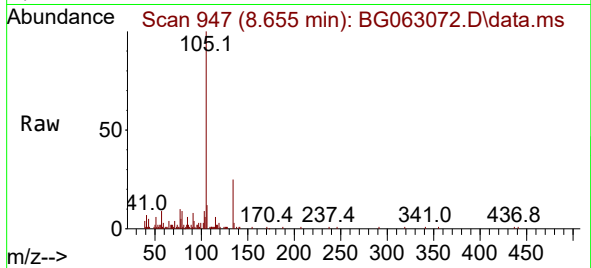




#16
Acetophenone
Concen: 8.364 ng/ul
RT: 8.655 min Scan# 947
Delta R.T. -0.009 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

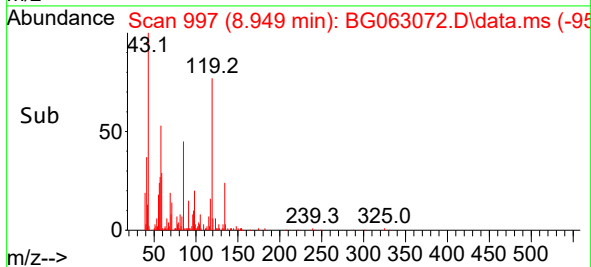
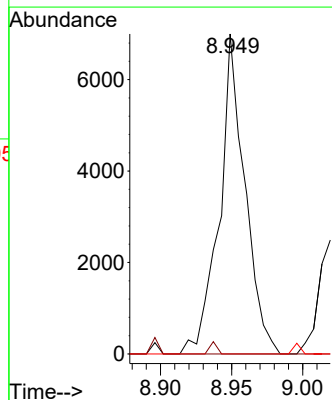
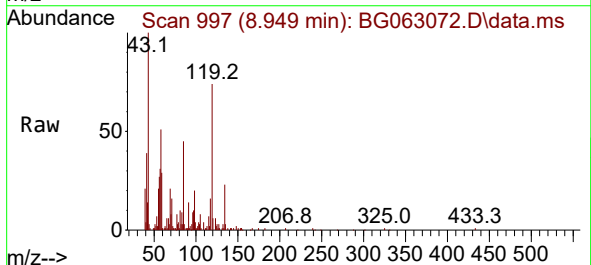
Instrument :
BNA_G
ClientSampleId :
DDCC9

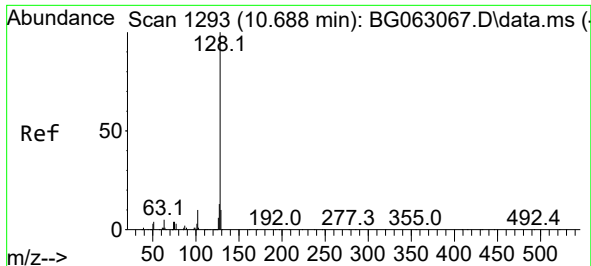
Tgt Ion:105 Resp: 53938
Ion Ratio Lower Upper
105 100
77 10.0 54.2 81.4#
51 6.5 19.6 29.4#



#19
Hexachloroethane
Concen: 5.034 ng/ul
RT: 8.949 min Scan# 997
Delta R.T. 0.021 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

Tgt Ion:117 Resp: 8730
Ion Ratio Lower Upper
117 100
201 0.0 143.8 215.8#
199 0.0 89.1 133.7#

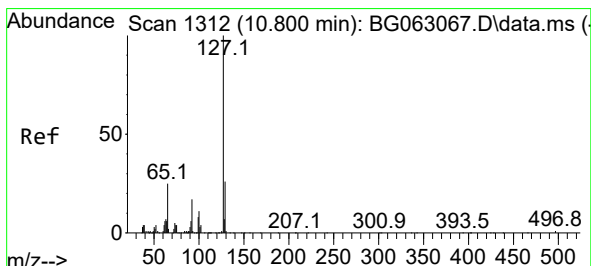
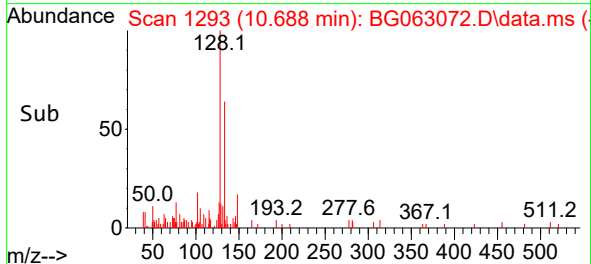
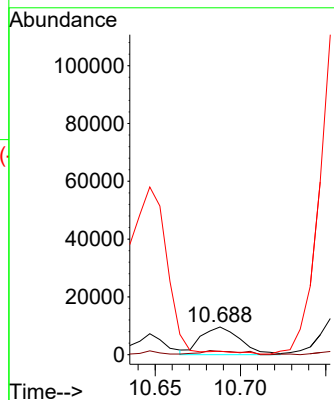
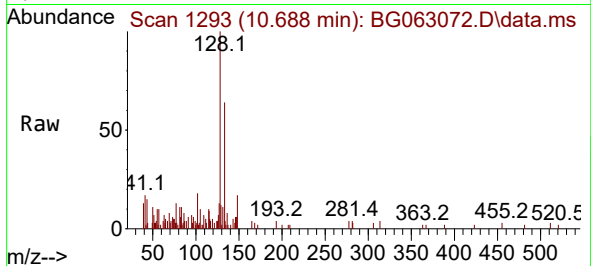




#30
Naphthalene
Concen: 1.123 ng/ul
RT: 10.688 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

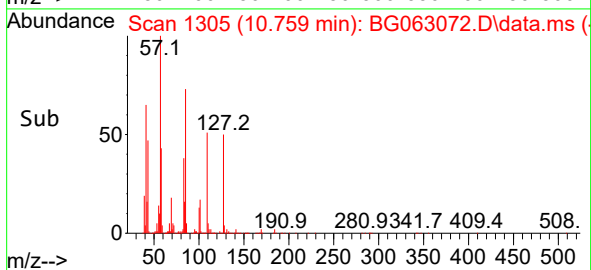
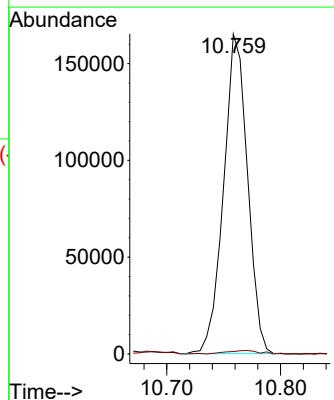
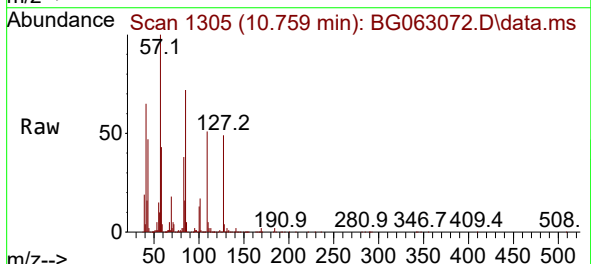
Instrument :
BNA_G
ClientSampleId :
DDCC9

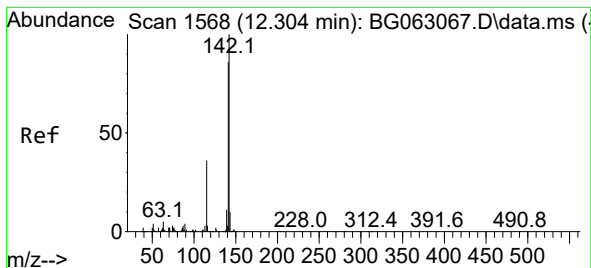
Tgt Ion:128 Resp: 15520
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 12.8 10.7 16.1



#32
4-Chloroaniline
Concen: 41.889 ng/ul
RT: 10.759 min Scan# 1305
Delta R.T. -0.038 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

Tgt Ion:127 Resp: 240831
Ion Ratio Lower Upper
127 100
129 0.7 29.4 44.0#

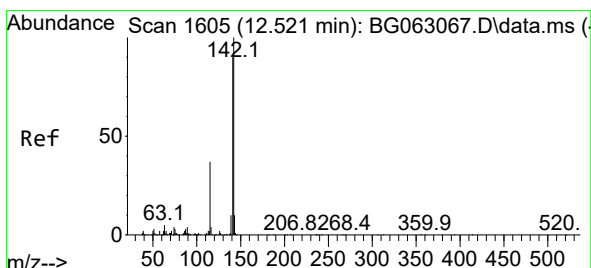
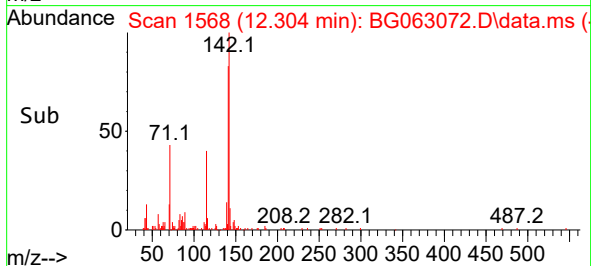
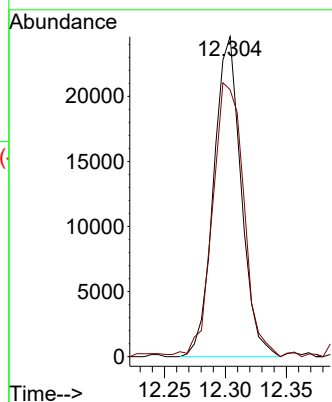
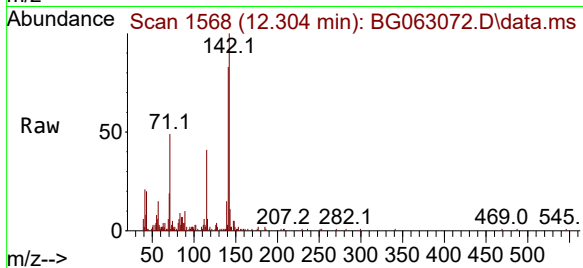




#36
2-Methylnaphthalene
Concen: 3.436 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

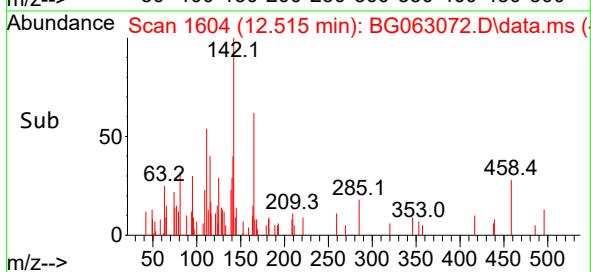
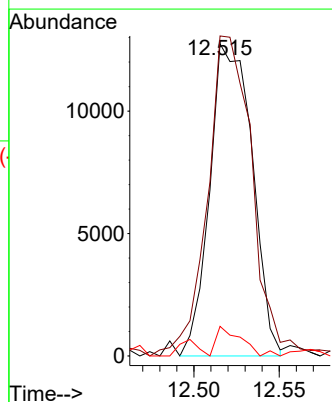
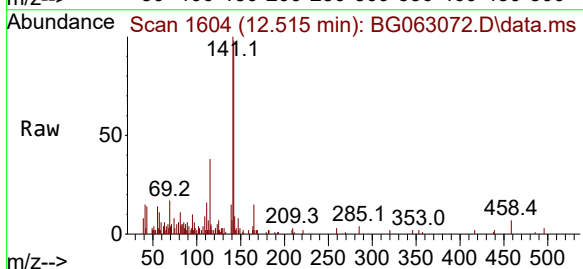
Instrument :
BNA_G
ClientSampleId :
DDCC9

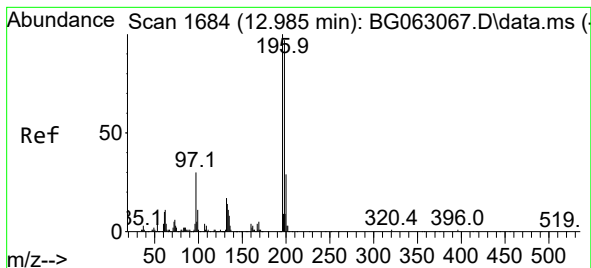
Tgt Ion:142 Resp: 38513
Ion Ratio Lower Upper
142 100
141 83.4 75.8 113.8



#37
1-Methylnaphthalene
Concen: 1.943 ng/ul
RT: 12.515 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

Tgt Ion:142 Resp: 22014
Ion Ratio Lower Upper
142 100
141 102.5 73.4 110.0
116 9.5 3.0 4.6#





#42

2,4,5-Trichlorophenol

Concen: 1.563 ng/ul

RT: 12.991 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG063072.D

Acq: 27 Sep 2024 13:52

Instrument :

BNA_G

ClientSampleId :

DDCC9

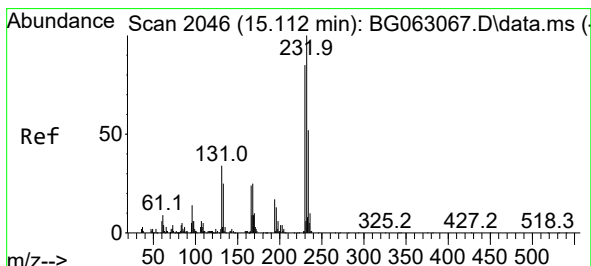
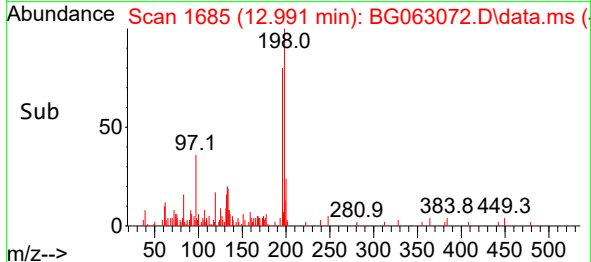
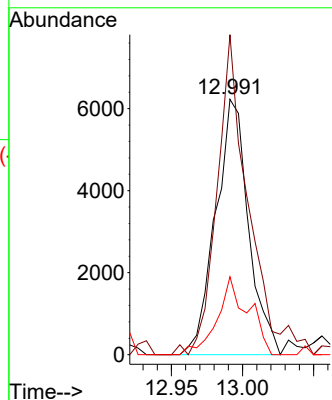
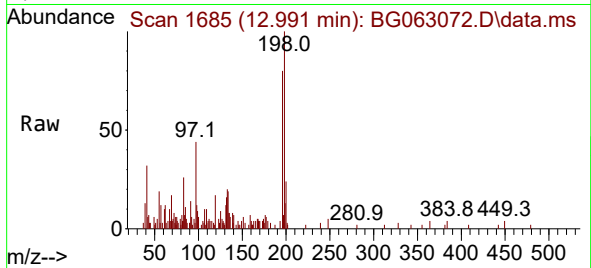
Tgt Ion:196 Resp: 10030

Ion Ratio Lower Upper

196 100

198 125.3 74.0 111.0#

200 30.5 22.1 33.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.391 ng/ul

RT: 15.112 min Scan# 2046

Delta R.T. -0.003 min

Lab File: BG063072.D

Acq: 27 Sep 2024 13:52

Tgt Ion:232 Resp: 126129

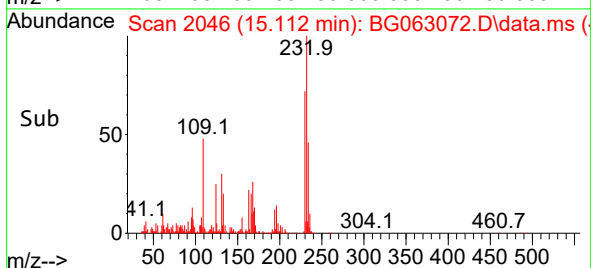
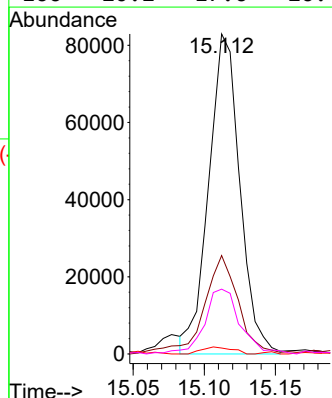
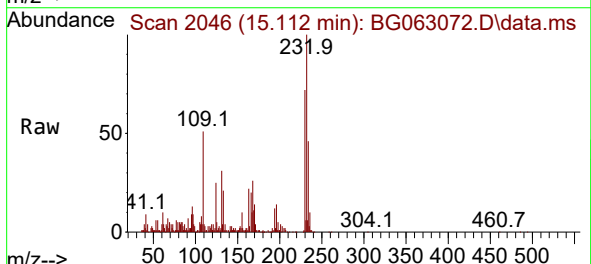
Ion Ratio Lower Upper

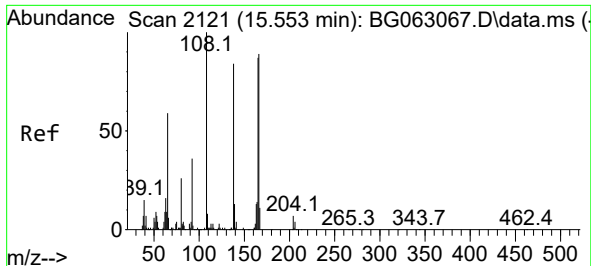
232 100

131 30.7 25.8 38.6

130 1.9 1.9 2.9#

166 20.2 17.6 26.4

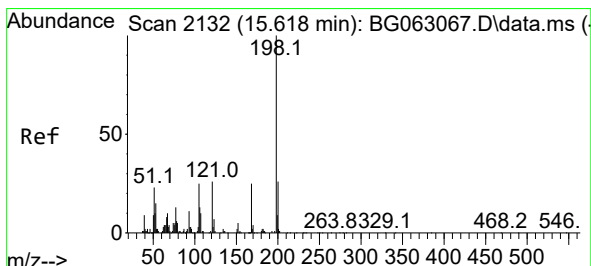
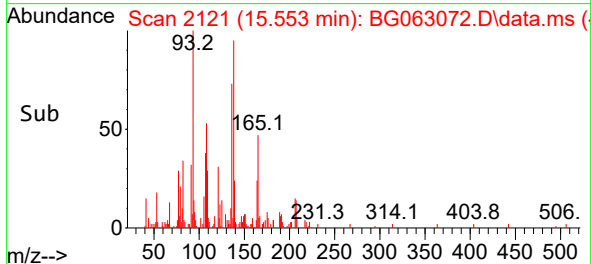
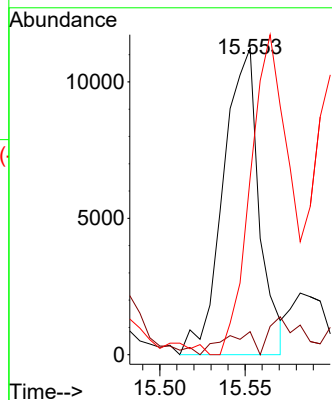
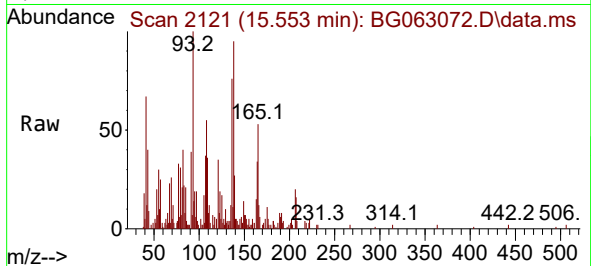




#63
4-Nitroaniline
Concen: 4.388 ng/ul
RT: 15.553 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

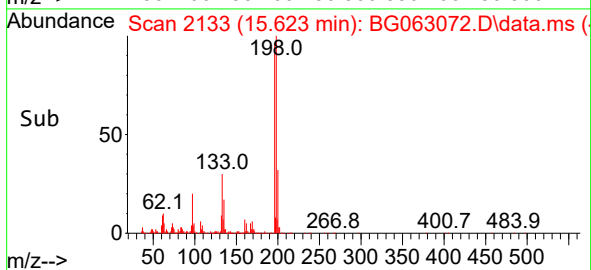
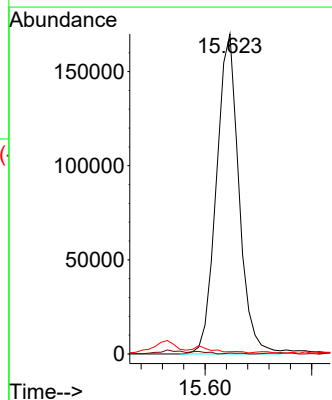
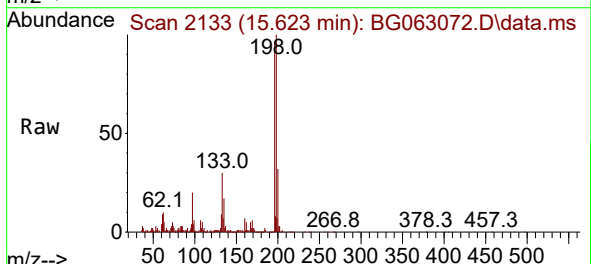
Instrument :
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ClientSampleId :
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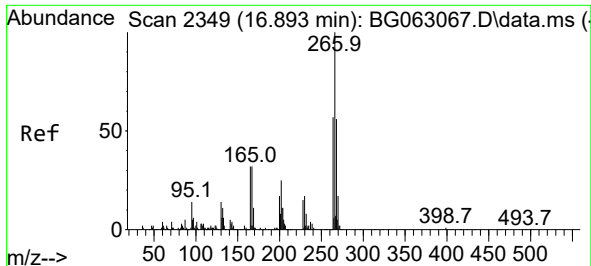
Tgt Ion:138 Resp: 16481
Ion Ratio Lower Upper
138 100
92 7.5 33.5 50.3#
108 57.6 85.0 127.6#



#66
4,6-Dinitro-2-methylphenol
Concen: 49.680 ng/ul
RT: 15.623 min Scan# 2133
Delta R.T. 0.009 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

Tgt Ion:198 Resp: 249066
Ion Ratio Lower Upper
198 100
182 0.5 2.2 3.2#
77 0.7 11.3 16.9#

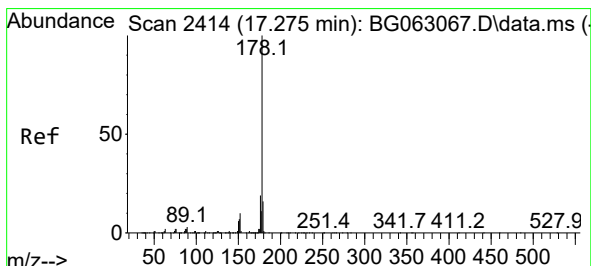
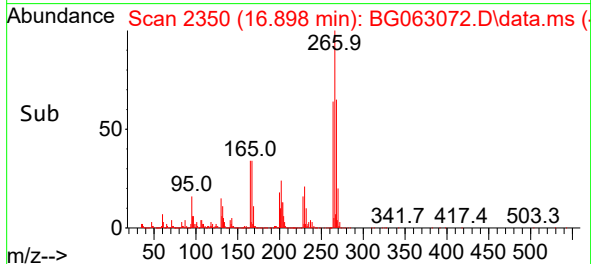
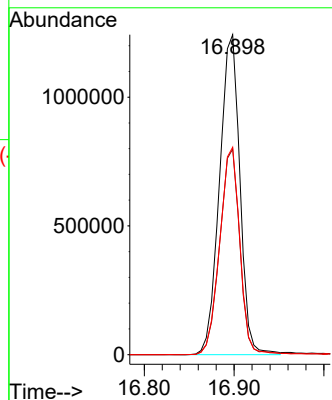
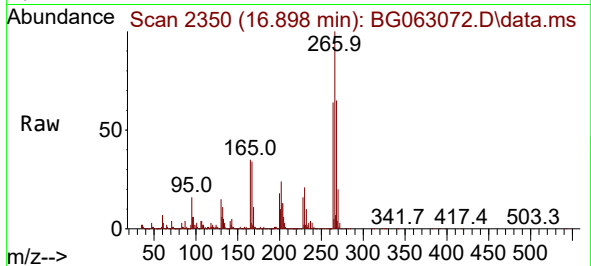




#71
 Pentachlorophenol
 Concen: 340.001 ng/ul
 RT: 16.898 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG063072.D
 Acq: 27 Sep 2024 13:52

Instrument :
 BNA_G
 ClientSampleId :
 DDCC9

Tgt Ion:266 Resp: 1957381
 Ion Ratio Lower Upper
 266 100
 264 64.2 57.7 86.5
 268 64.9 57.3 85.9



#72
 Phenanthrene
 Concen: 1.195 ng/ul
 RT: 17.274 min Scan# 2414
 Delta R.T. -0.003 min
 Lab File: BG063072.D
 Acq: 27 Sep 2024 13:52

Tgt Ion:178 Resp: 41665
 Ion Ratio Lower Upper
 178 100
 179 12.4 12.2 18.4
 176 13.3 14.9 22.3#

