

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063070.D
 Acq On : 27 Sep 2024 12:34
 Operator : RC/JU
 Sample : P3927-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC83

Quant Time: Sep 27 22:55:00 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

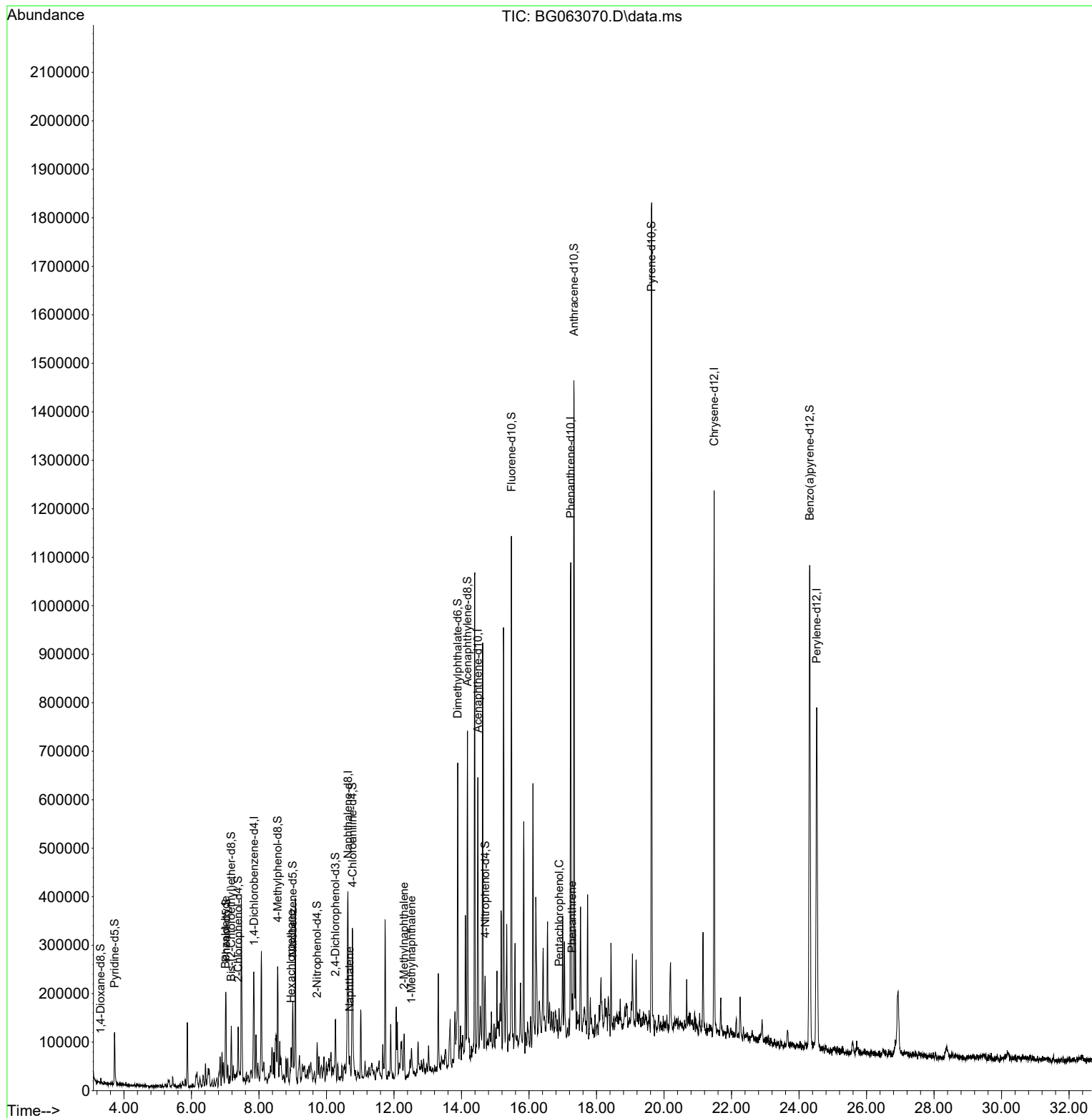
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	61856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.638	136	263863	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.487	164	231872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	622120	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.484	240	678801	20.000	ng/ul	# 0.00
88) Perylene-d12	24.522	264	797336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	6028	5.618	ng/uL	0.00
4) Pyridine-d5	3.723	84	72262	27.543	ng/ul	0.00
7) Phenol-d5	7.025	99	76787	20.098	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	43836	29.370	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	46986	12.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	92847	26.920	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	47792	24.632	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	20977	8.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	58028	11.220	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	154376	25.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	452234	24.530	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	514132	26.316	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	8421	3.029	ng/ul	0.01
60) Fluorene-d10	15.480	176	447083	26.467	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	4219	0.970	ng/ul	0.00
73) Anthracene-d10	17.330	188	835771	28.001	ng/ul	0.00
81) Pyrene-d10	19.628	212	1103019	28.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	1182812	27.698	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.007	77	1833	1.033	ng/ul#	1
19) Hexachloroethane	8.952	117	4556	3.159	ng/ul#	1
30) Naphthalene	10.691	128	20528	1.531	ng/ul#	93
36) 2-Methylnaphthalene	12.301	142	43350	3.985	ng/ul	95
37) 1-Methylnaphthalene	12.518	142	27493	2.500	ng/ul	95
71) Pentachlorophenol	16.896	266	12134	2.292	ng/ul#	79
72) Phenanthrene	17.277	178	36920	1.151	ng/ul#	91

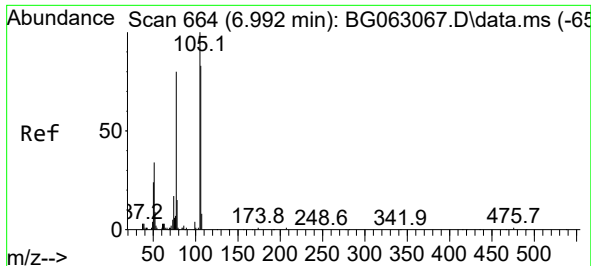
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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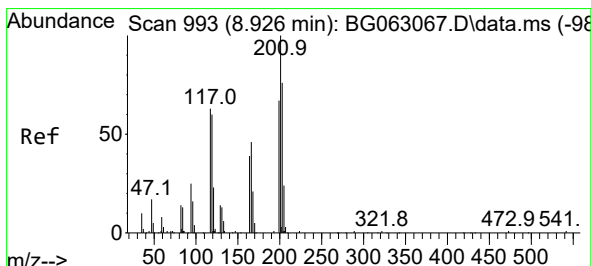
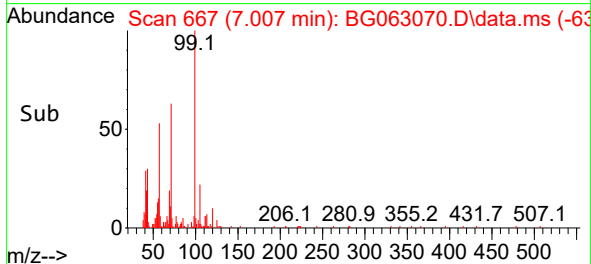
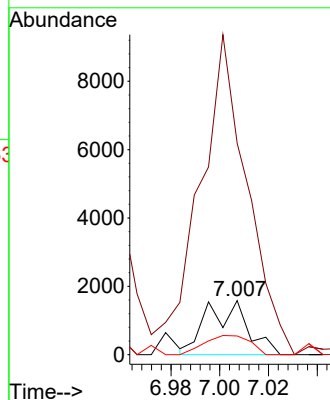
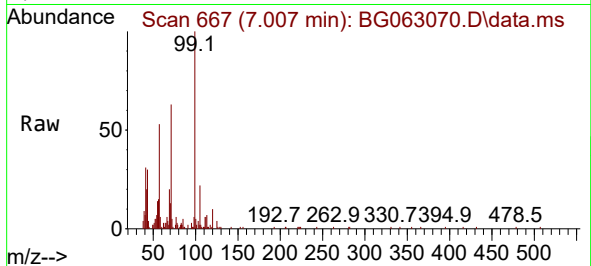




#6
Benzaldehyde
Concen: 1.033 ng/ul
RT: 7.007 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG063070.D
Acq: 27 Sep 2024 12:34

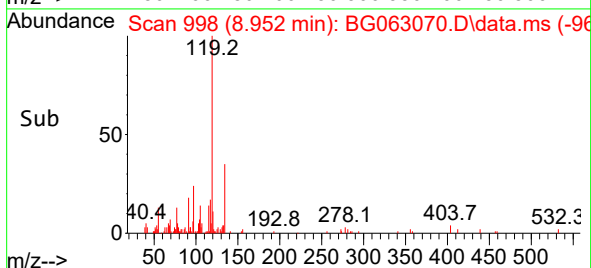
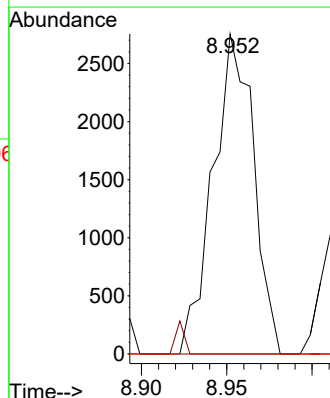
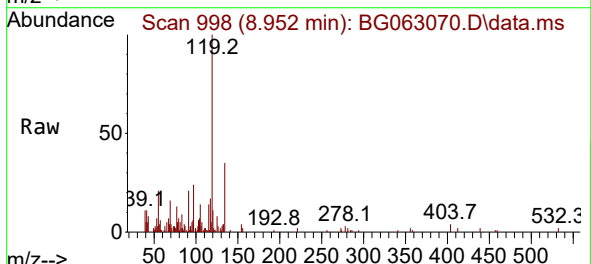
Instrument :
BNA_G
ClientSampleId :
DDC83

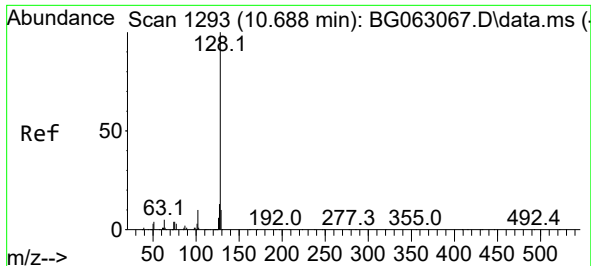
Tgt Ion: 77 Resp: 1833
Ion Ratio Lower Upper
77 100
105 390.7 97.2 145.8#
106 34.5 89.8 134.8#



#19
Hexachloroethane
Concen: 3.159 ng/ul
RT: 8.952 min Scan# 998
Delta R.T. 0.024 min
Lab File: BG063070.D
Acq: 27 Sep 2024 12:34

Tgt Ion: 117 Resp: 4556
Ion Ratio Lower Upper
117 100
201 0.0 143.8 215.8#
199 0.0 89.1 133.7#

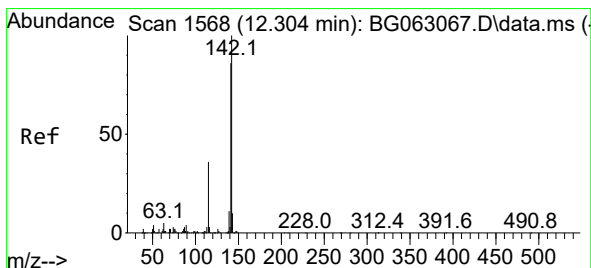
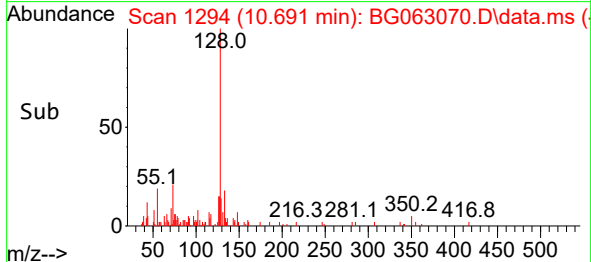
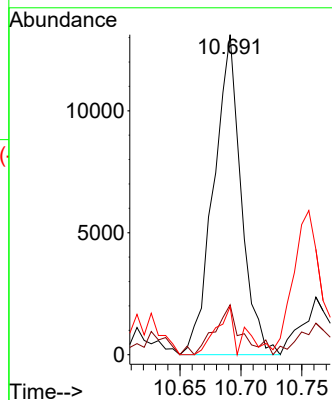
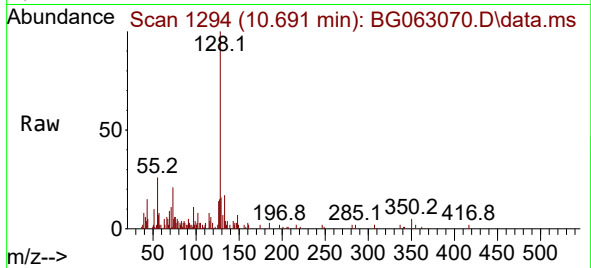




#30
Naphthalene
Concen: 1.531 ng/ul
RT: 10.691 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG063070.D
Acq: 27 Sep 2024 12:34

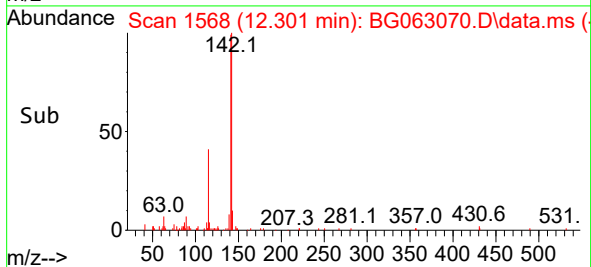
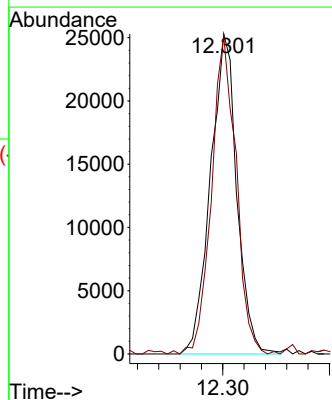
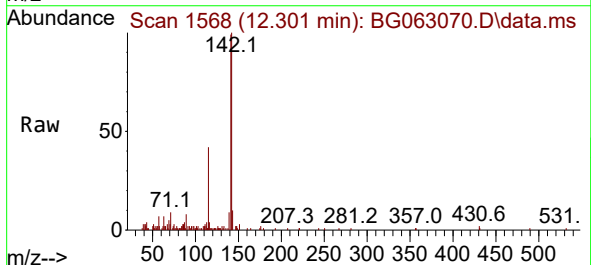
Instrument :
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DDC83

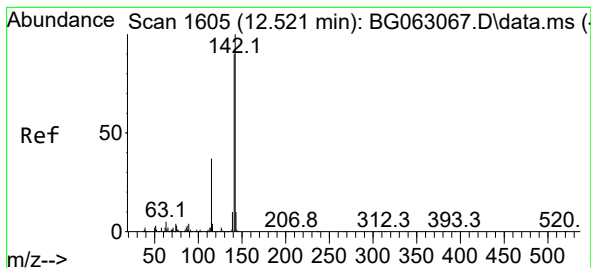
Tgt Ion:128 Resp: 20528
Ion Ratio Lower Upper
128 100
129 15.6 9.3 13.9#
127 15.0 10.7 16.1



#36
2-Methylnaphthalene
Concen: 3.985 ng/ul
RT: 12.301 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG063070.D
Acq: 27 Sep 2024 12:34

Tgt Ion:142 Resp: 43350
Ion Ratio Lower Upper
142 100
141 99.4 75.8 113.8





#37

1-Methylnaphthalene

Concen: 2.500 ng/ul

RT: 12.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG063070.D

Acq: 27 Sep 2024 12:34

Instrument :

BNA_G

ClientSampleId :

DDC83

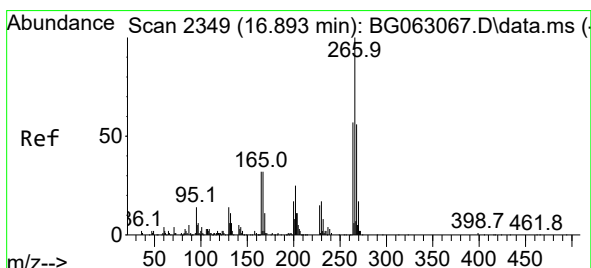
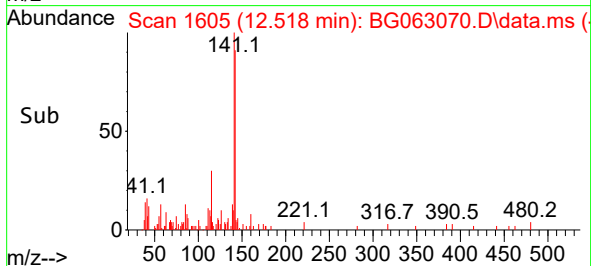
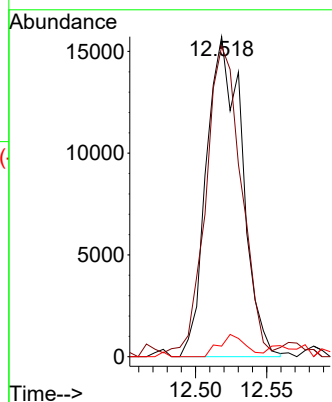
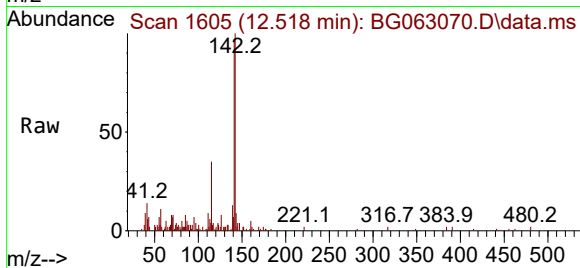
Tgt Ion:142 Resp: 27493

Ion Ratio Lower Upper

142 100

141 97.0 73.4 110.0

116 3.3 3.0 4.6



#71

Pentachlorophenol

Concen: 2.292 ng/ul

RT: 16.896 min Scan# 2350

Delta R.T. 0.006 min

Lab File: BG063070.D

Acq: 27 Sep 2024 12:34

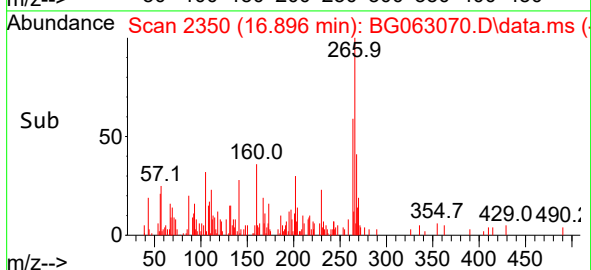
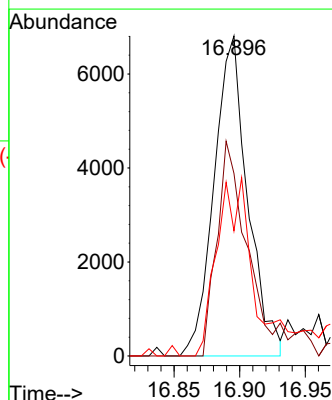
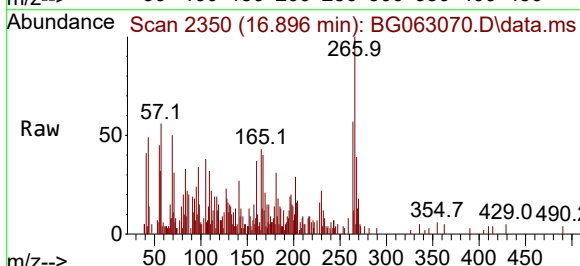
Tgt Ion:266 Resp: 12134

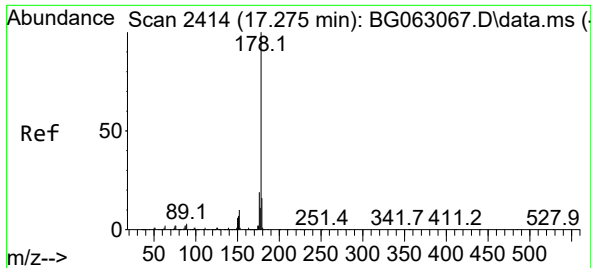
Ion Ratio Lower Upper

266 100

264 57.0 57.7 86.5#

268 52.1 57.3 85.9#





#72
Phenanthrene
Concen: 1.151 ng/ul
RT: 17.277 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG063070.D
Acq: 27 Sep 2024 12:34

Instrument :
BNA_G
ClientSampleId :
DDC83

Tgt Ion:178 Resp: 36920
Ion Ratio Lower Upper
178 100
179 21.8 12.2 18.4#
176 17.2 14.9 22.3

