

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063874.D
 Acq On : 27 Dec 2024 18:40
 Operator : RC/JU
 Sample : P5323-18
 Misc : GCMS CONFIRMATION
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE641

Quant Time: Dec 27 23:32:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

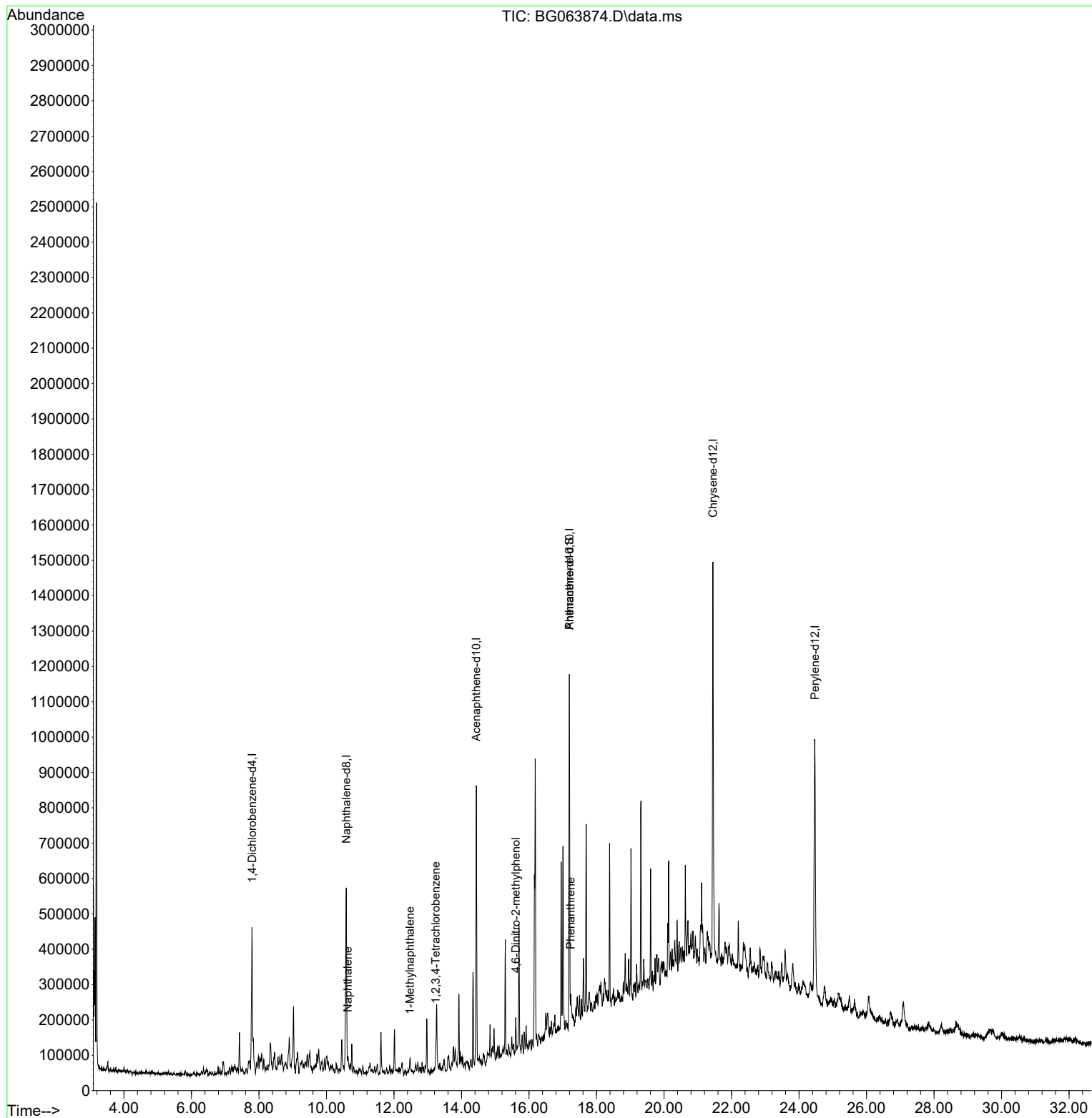
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	104183	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	391212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.438	164	260085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	591442	20.000	ng/ul	0.00
79) Chrysene-d12	21.447	240	684456	20.000	ng/ul	0.01
88) Perylene-d12	24.467	264	710993	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.656	84	262	0.031	ng/ul	0.00
7) Phenol-d5	6.870	99	155	0.016	ng/ul	-0.11
9) Bis-(2-Chloroethyl)eth...	7.117	67	873	0.132	ng/ul	-0.01
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	8.551	113	94	0.013	ng/ul	0.03
21) Nitrobenzene-d5	8.980	128	273	0.098	ng/ul	0.03
24) 2-Nitrophenol-d4	9.773	143	62	0.020	ng/ul	0.10
28) 2,4-Dichlorophenol-d3	10.219	165	156	0.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.736	131	255	0.033	ng/ul	0.01
46) Dimethylphthalate-d6	13.903	166	141	0.008	ng/ul	0.06
49) Acenaphthylene-d8	14.221	160	98	0.005	ng/ul	0.09
54) 4-Nitrophenol-d4	14.667	143	876	0.349	ng/ul	0.00
60) Fluorene-d10	15.431	176	68	0.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	185	0.060	ng/ul	0.00
73) Anthracene-d10	17.194	188	591442	23.259	ng/ul	-0.10
81) Pyrene-d10	19.585	212	225	0.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.244	264	300	0.009	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.631	128	20249	1.035	ng/ul#	90
37) 1-Methylnaphthalene	12.470	142	17933	1.252	ng/ul#	94
66) 4,6-Dinitro-2-methylph...	15.607	198	28110	8.886	ng/ul#	61
72) Phenanthrene	17.235	178	45618	1.601	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.233	216	16003	2.028	ng/ul	88

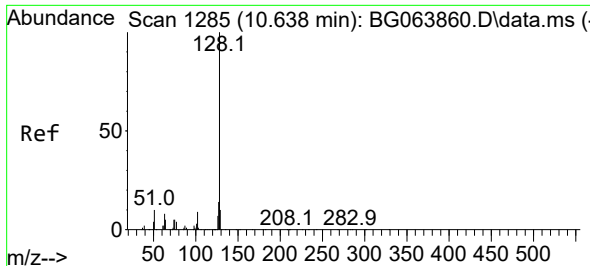
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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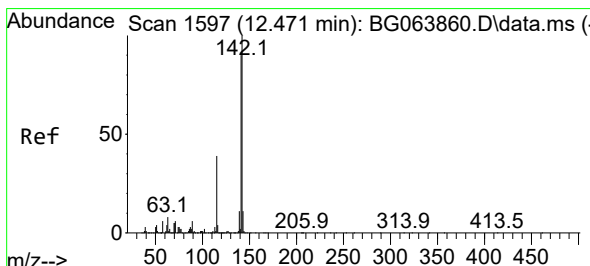
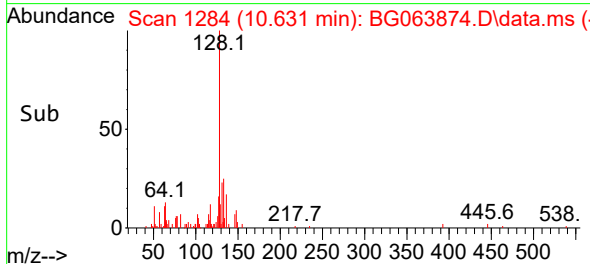
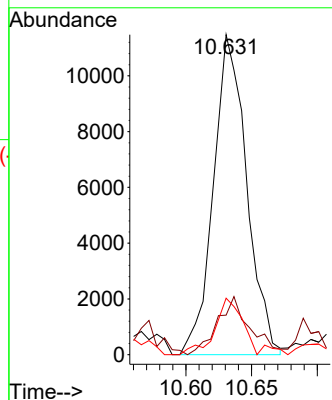
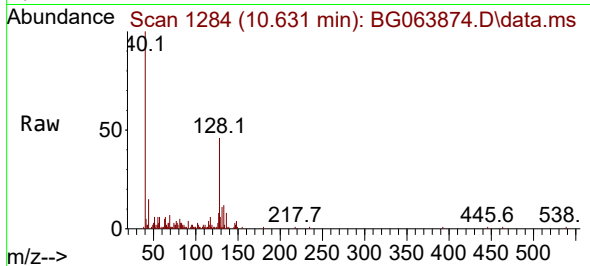




#30
Naphthalene
Concen: 1.035 ng/ul
RT: 10.631 min Scan# 1284
Delta R.T. -0.007 min
Lab File: BG063874.D
Acq: 27 Dec 2024 18:40

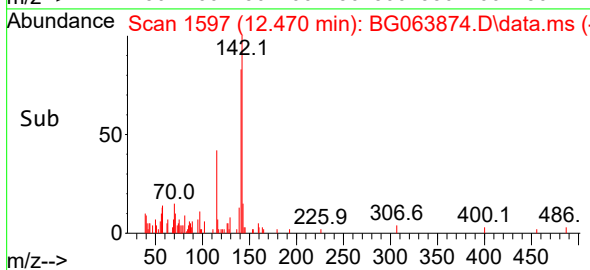
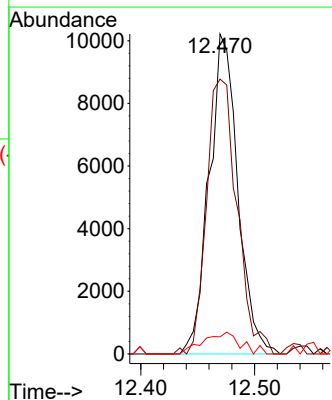
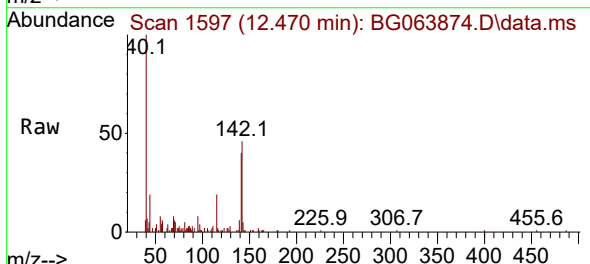
Instrument :
BNA_G
ClientSampleId :
YE641

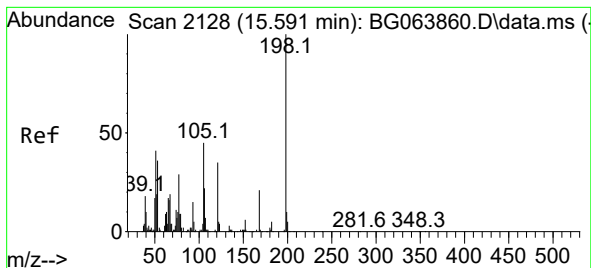
Tgt Ion:128 Resp: 20249
Ion Ratio Lower Upper
128 100
129 12.4 8.2 12.2#
127 17.6 9.8 14.8#



#37
1-Methylnaphthalene
Concen: 1.252 ng/ul
RT: 12.470 min Scan# 1597
Delta R.T. -0.001 min
Lab File: BG063874.D
Acq: 27 Dec 2024 18:40

Tgt Ion:142 Resp: 17933
Ion Ratio Lower Upper
142 100
141 85.9 73.8 110.6
116 5.4 3.5 5.3#

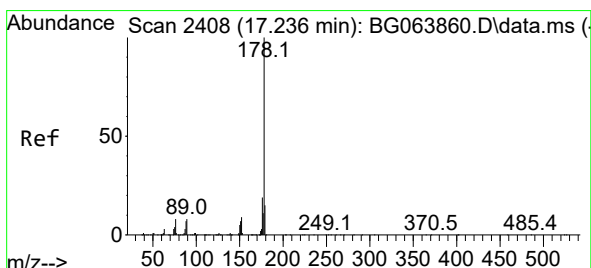
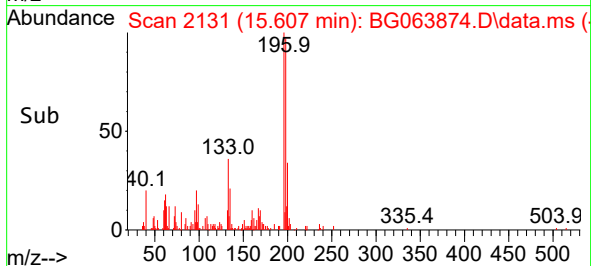
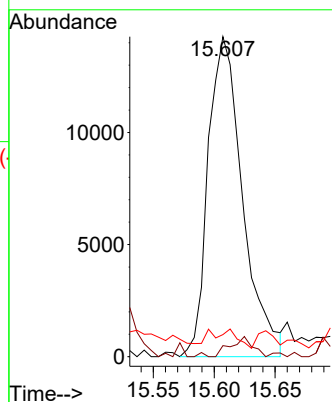
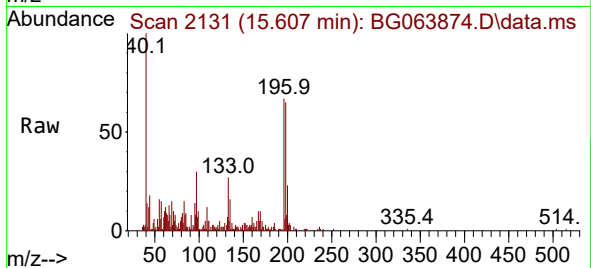




#66
4,6-Dinitro-2-methylphenol
Concen: 8.886 ng/ul
RT: 15.607 min Scan# 2128
Delta R.T. 0.023 min
Lab File: BG063874.D
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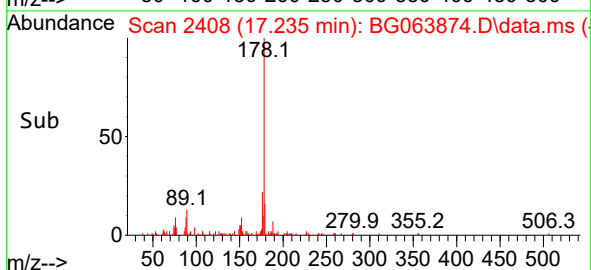
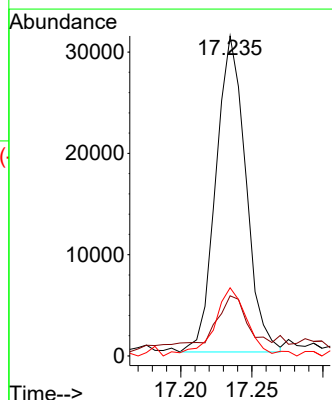
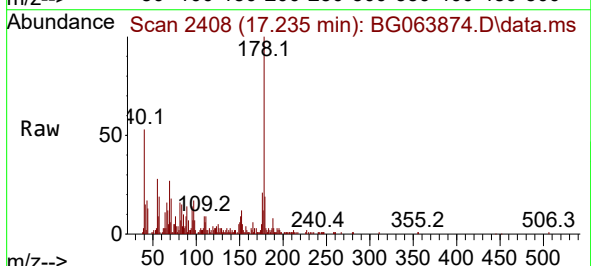
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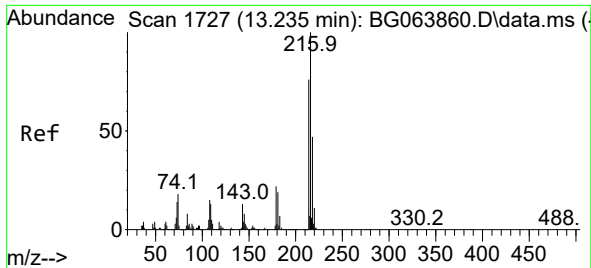
Tgt Ion:198 Resp: 28110
Ion Ratio Lower Upper
198 100
182 3.5 3.4 5.2
77 6.9 25.2 37.8#



#72
Phenanthrene
Concen: 1.601 ng/ul
RT: 17.235 min Scan# 2408
Delta R.T. 0.005 min
Lab File: BG063874.D
Acq: 27 Dec 2024 18:40

Tgt Ion:178 Resp: 45618
Ion Ratio Lower Upper
178 100
179 18.8 12.2 18.2#
176 21.3 15.8 23.6





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.028 ng/ul
 RT: 13.233 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG063874.D
 Acq: 27 Dec 2024 18:40

Instrument :
 BNA_G
 ClientSampleId :
 YE641

Tgt Ion:216 Resp: 16003
 Ion Ratio Lower Upper
 216 100
 214 84.3 60.2 90.4
 218 37.7 37.6 56.4

