

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063879.D
 Acq On : 27 Dec 2024 22:26
 Operator : RC/JU
 Sample : P5378-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YE685

Quant Time: Dec 27 23:33:21 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)

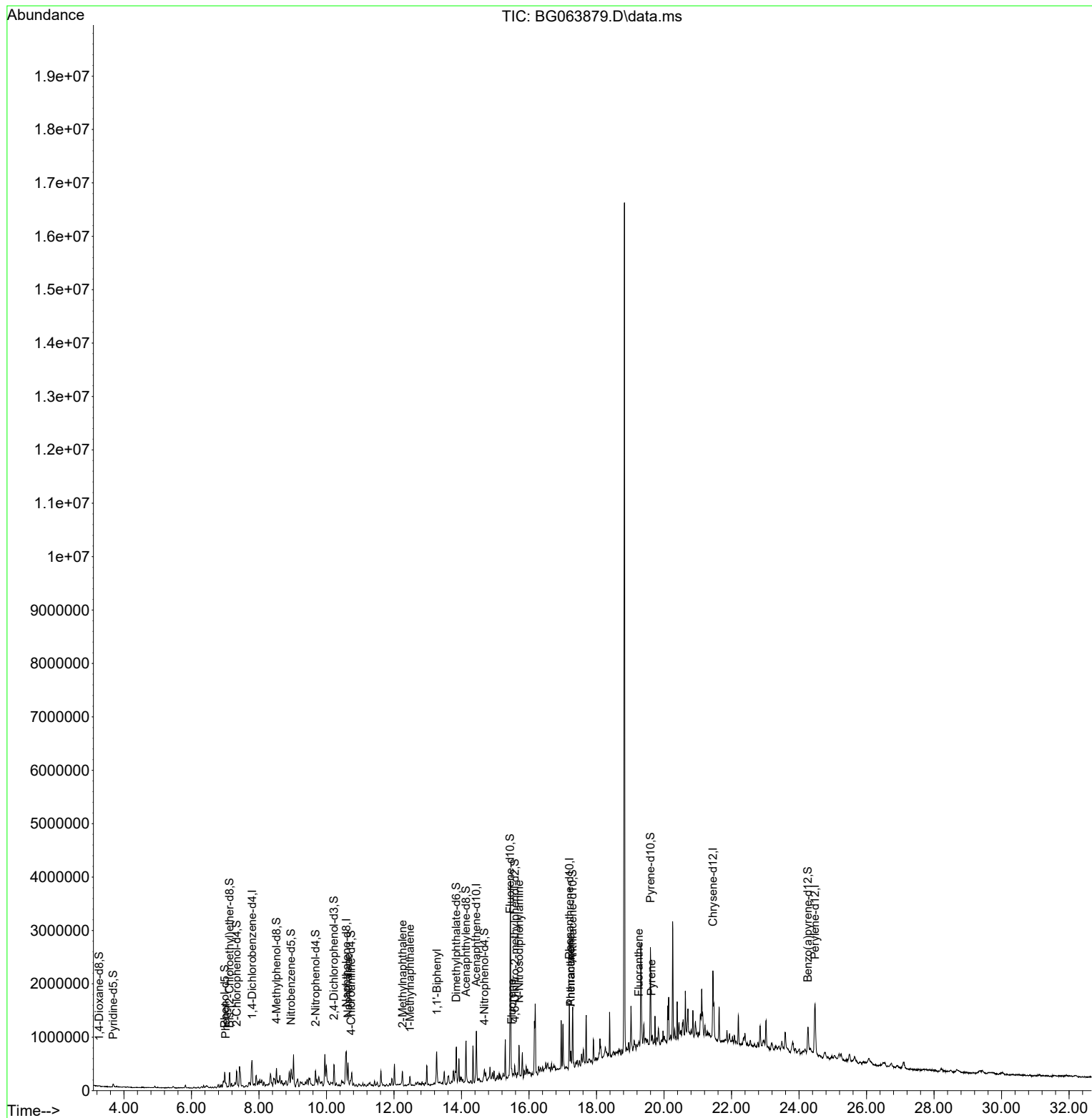
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	117836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	456113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	306976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	676177	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	698731	20.000	ng/ul	# 0.01
88) Perylene-d12	24.475	264	736690	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10079	3.352	ng/uL	0.00
4) Pyridine-d5	3.681	84	46225	4.873	ng/ul	0.02
7) Phenol-d5	6.983	99	170401	15.701	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	118959	15.871	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	119683	17.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	124104	14.729	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	64147	19.697	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	70520	19.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	132129	18.694	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	42946	4.785	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	425549	20.373	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	492156	20.669	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	47725	16.126	ng/ul	0.01
60) Fluorene-d10	15.438	176	363051	19.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	49992	14.240	ng/ul	0.01
73) Anthracene-d10	17.295	188	618998	21.292	ng/ul	0.00
81) Pyrene-d10	19.598	212	684130	18.815	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	528105	15.265	ng/ul	0.02
Target Compounds					Qvalue	
8) Phenol	7.013	94	16624	1.437	ng/ul	97
30) Naphthalene	10.638	128	304724	13.363	ng/ul	98
36) 2-Methylnaphthalene	12.254	142	119978	7.320	ng/ul	98
37) 1-Methylnaphthalene	12.471	142	73304	4.391	ng/ul	96
43) 1,1'-Biphenyl	13.270	154	52331	2.585	ng/ul	91
61) Fluorene	15.491	166	42041	2.064	ng/ul#	87
67) N-Nitrosodiphenylamine	15.708	169	18023	1.101	ng/ul#	47
72) Phenanthrene	17.236	178	185051	5.679	ng/ul	96
74) Anthracene	17.236	178	185317	5.619	ng/ul	97
80) Fluoranthene	19.257	202	48675	1.178	ng/ul#	88
82) Pyrene	19.627	202	44021	1.001	ng/ul#	91

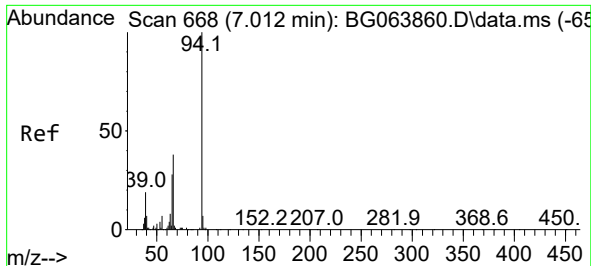
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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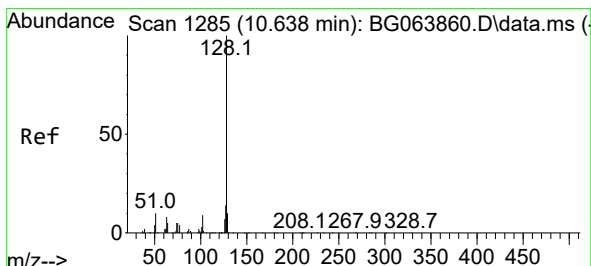
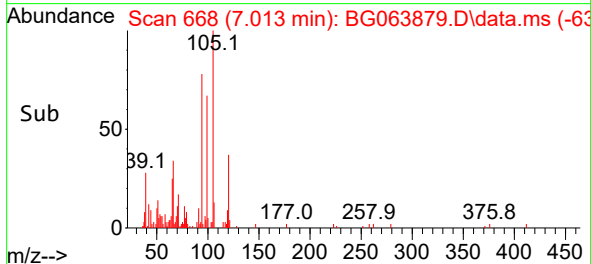
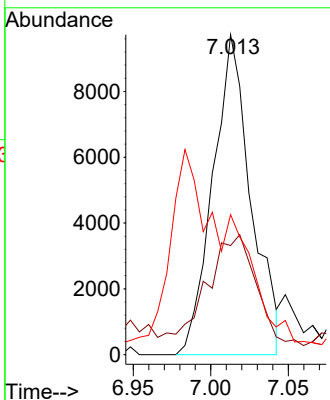
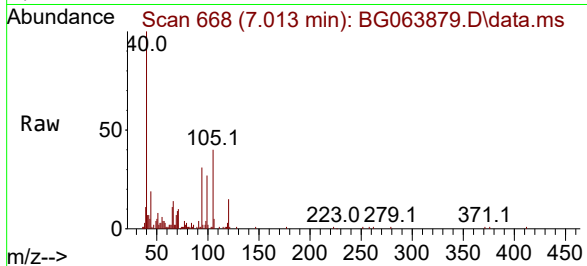




#8
Phenol
Concen: 1.437 ng/ul
RT: 7.013 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

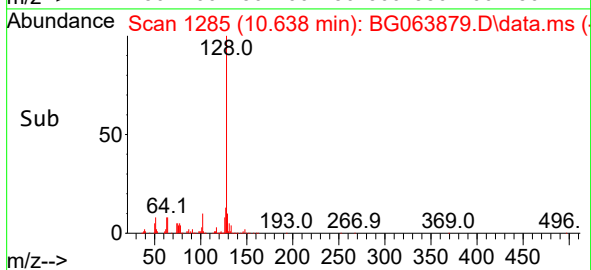
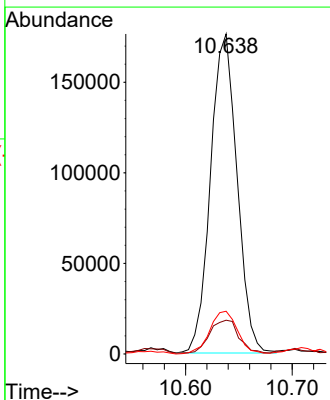
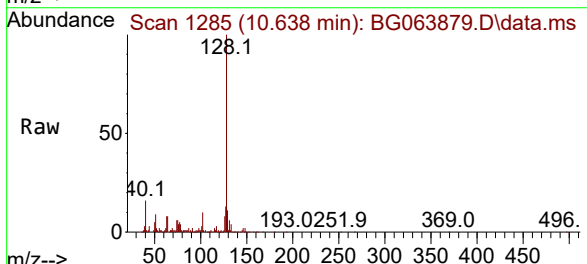
Instrument :
BNA_G
ClientSampleId :
YE685

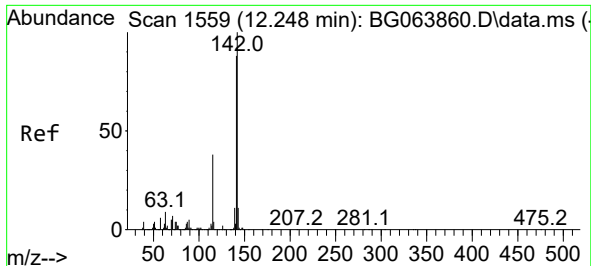
Tgt Ion: 94 Resp: 16624
Ion Ratio Lower Upper
94 100
65 34.1 25.6 38.4
66 43.7 34.2 51.2



#30
Naphthalene
Concen: 13.363 ng/ul
RT: 10.638 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

Tgt Ion:128 Resp: 304724
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.2
127 13.4 9.8 14.8

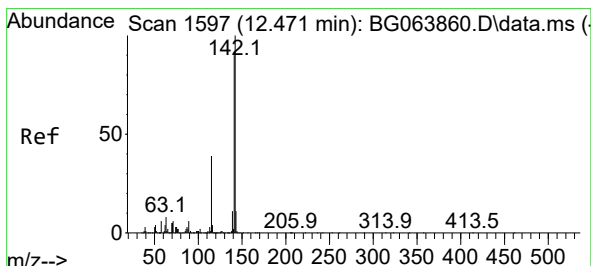
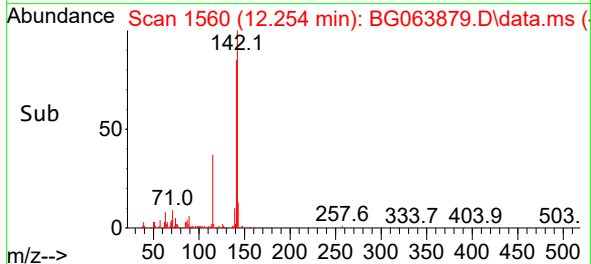
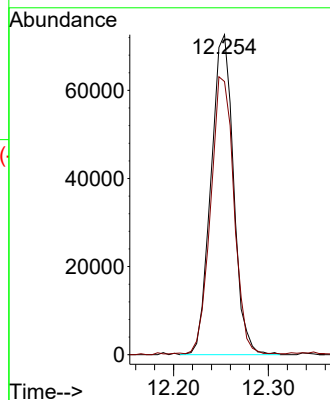
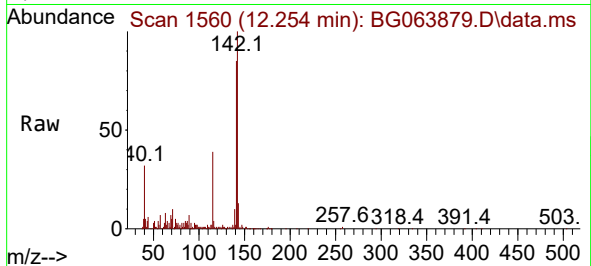




#36
2-Methylnaphthalene
Concen: 7.320 ng/ul
RT: 12.254 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

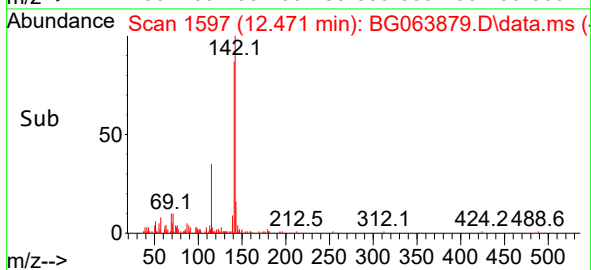
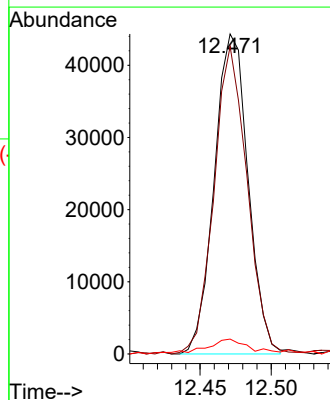
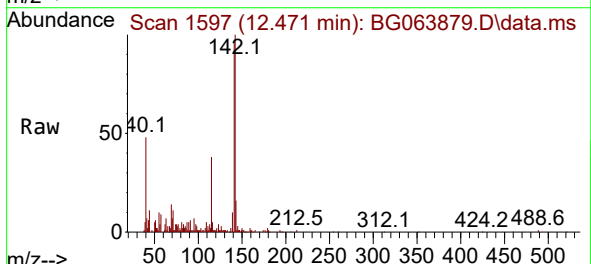
Instrument :
BNA_G
ClientSampleId :
YE685

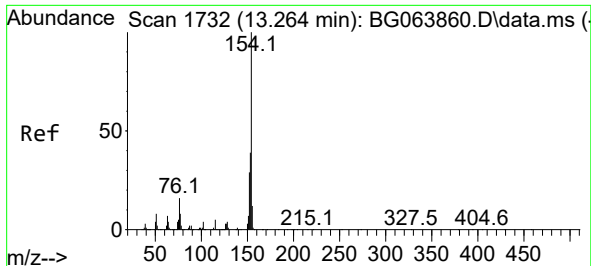
Tgt Ion:142 Resp: 119978
Ion Ratio Lower Upper
142 100
141 85.4 69.5 104.3



#37
1-Methylnaphthalene
Concen: 4.391 ng/ul
RT: 12.471 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

Tgt Ion:142 Resp: 73304
Ion Ratio Lower Upper
142 100
141 96.1 73.8 110.6
116 4.7 3.5 5.3





#43

1,1'-Biphenyl

Concen: 2.585 ng/ul

RT: 13.270 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063879.D

Acq: 27 Dec 2024 22:26

Instrument :

BNA_G

ClientSampleId :

YE685

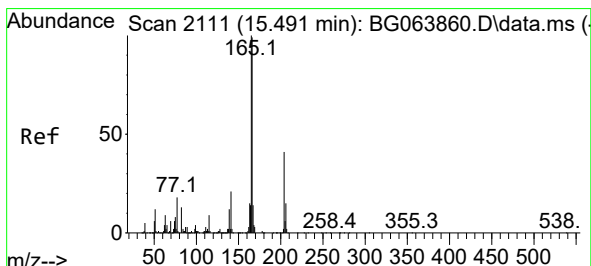
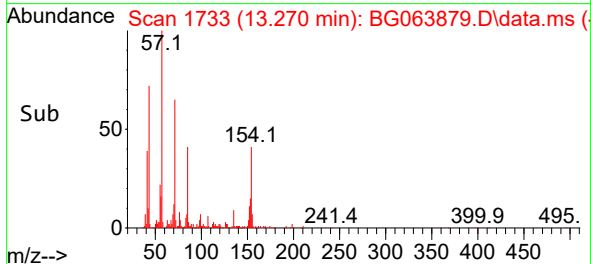
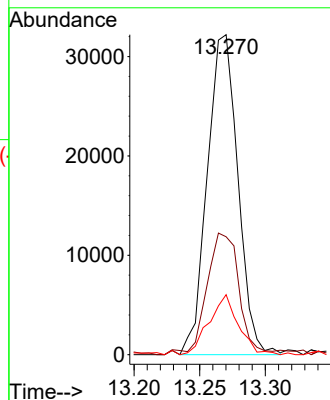
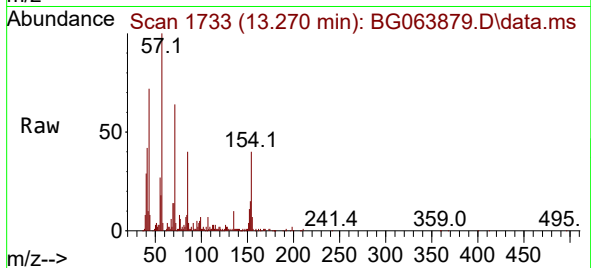
Tgt Ion:154 Resp: 52331

Ion Ratio Lower Upper

154 100

153 36.9 35.1 52.7

76 18.7 13.4 20.2



#61

Fluorene

Concen: 2.064 ng/ul

RT: 15.491 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BG063879.D

Acq: 27 Dec 2024 22:26

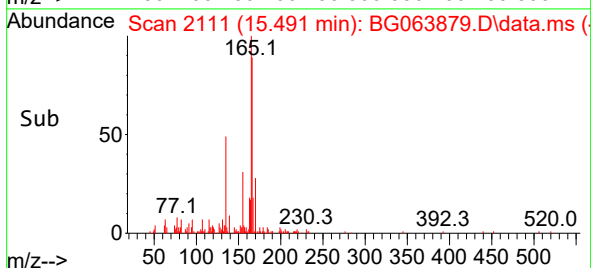
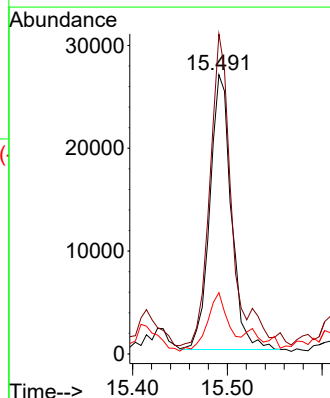
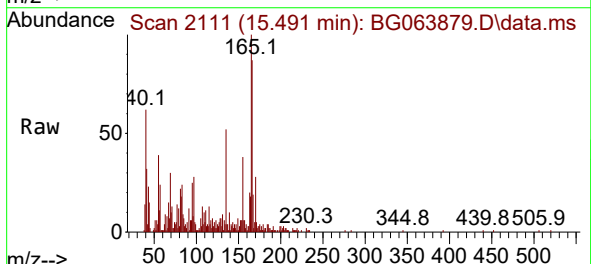
Tgt Ion:166 Resp: 42041

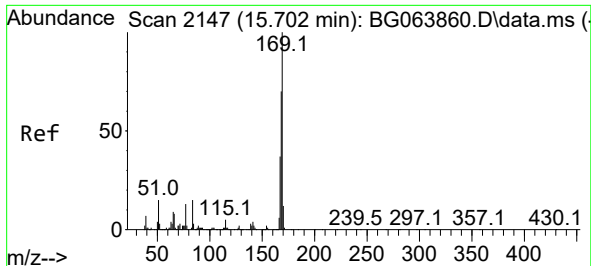
Ion Ratio Lower Upper

166 100

165 114.6 81.9 122.9

167 21.9 11.4 17.0#

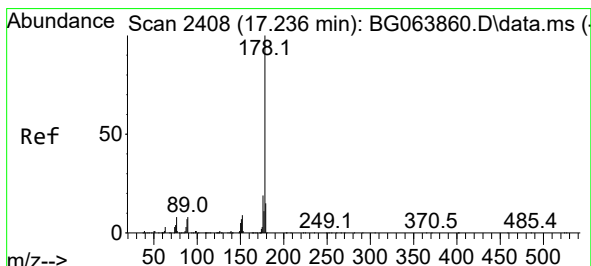
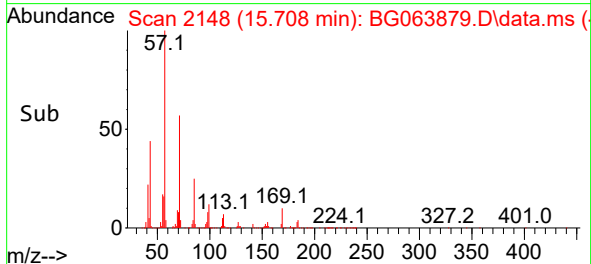
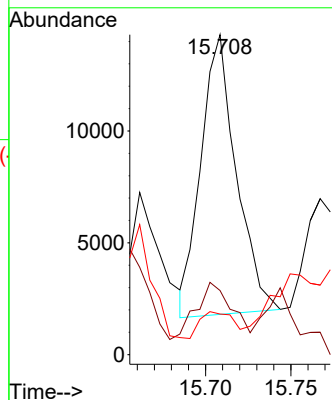
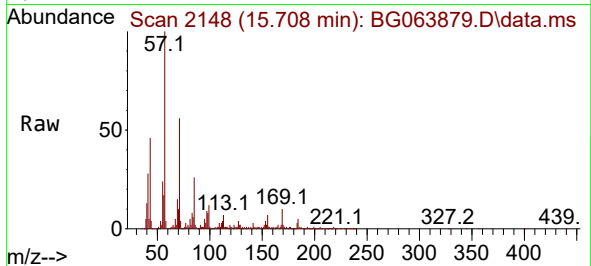




#67
N-Nitrosodiphenylamine
Concen: 1.101 ng/ul
RT: 15.708 min Scan# 2147
Delta R.T. 0.012 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

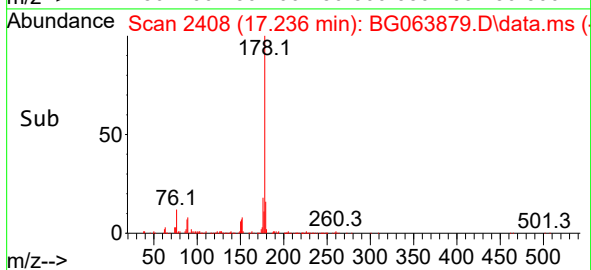
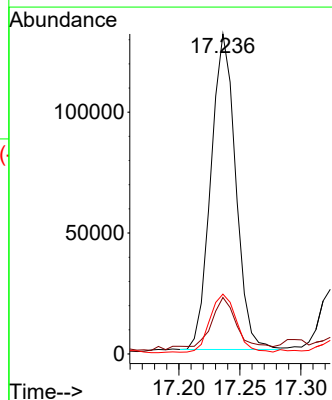
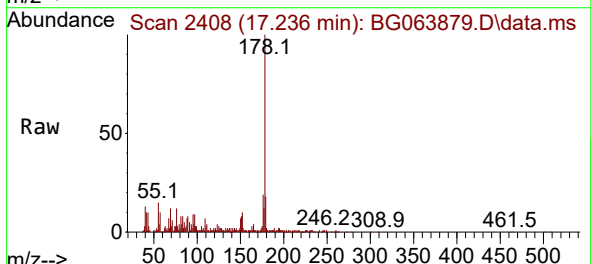
Instrument :
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ClientSampleId :
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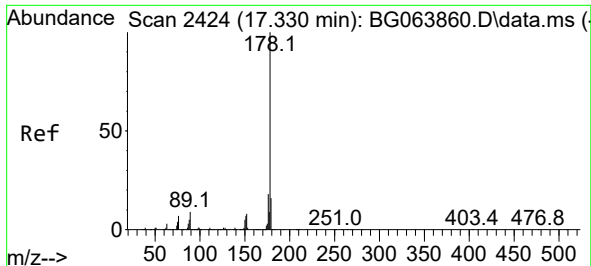
Tgt Ion:169 Resp: 18023
Ion Ratio Lower Upper
169 100
168 20.1 54.0 81.0#
167 12.7 29.8 44.8#



#72
Phenanthrene
Concen: 5.679 ng/ul
RT: 17.236 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BG063879.D
Acq: 27 Dec 2024 22:26

Tgt Ion:178 Resp: 185051
Ion Ratio Lower Upper
178 100
179 17.6 12.2 18.2
176 18.7 15.8 23.6

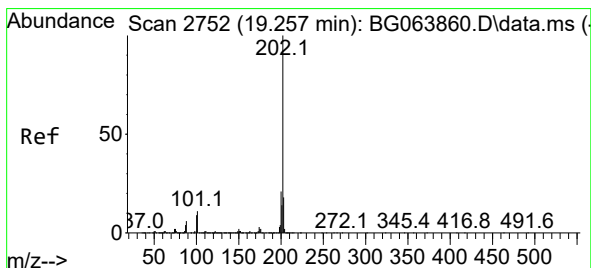
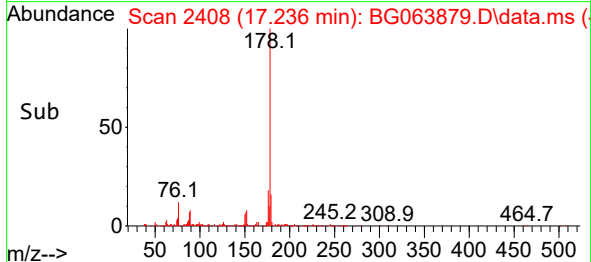
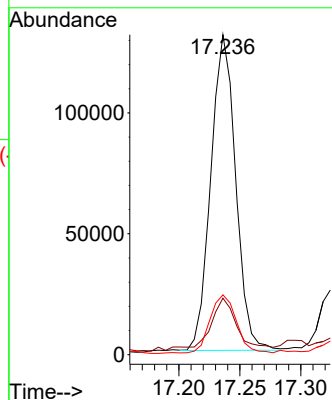
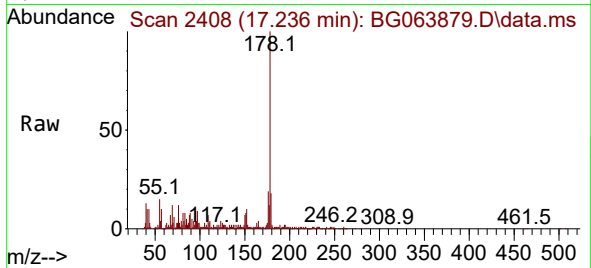




#74
 Anthracene
 Concen: 5.619 ng/ul
 RT: 17.236 min Scan# 2424
 Delta R.T. -0.088 min
 Lab File: BG063879.D
 Acq: 27 Dec 2024 22:26

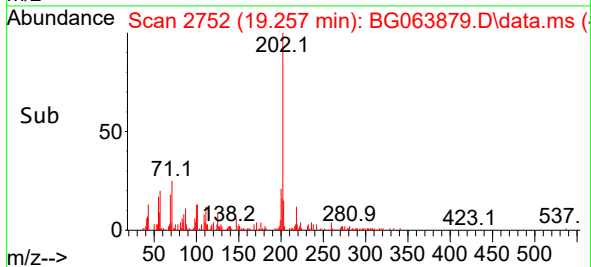
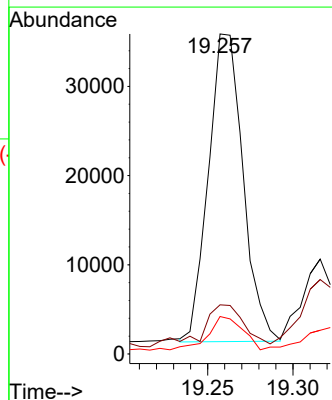
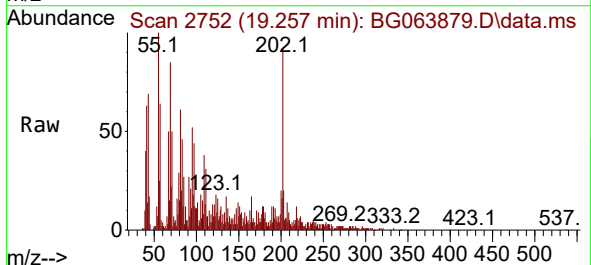
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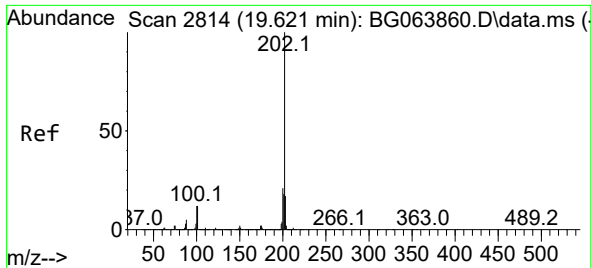
Tgt Ion:178 Resp: 185317
 Ion Ratio Lower Upper
 178 100
 179 17.6 12.4 18.6
 176 18.7 14.4 21.6



#80
 Fluoranthene
 Concen: 1.178 ng/ul
 RT: 19.257 min Scan# 2752
 Delta R.T. 0.006 min
 Lab File: BG063879.D
 Acq: 27 Dec 2024 22:26

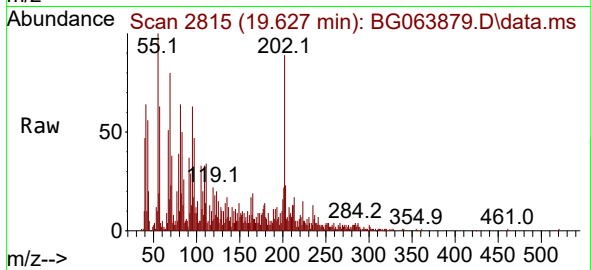
Tgt Ion:202 Resp: 48675
 Ion Ratio Lower Upper
 202 100
 101 15.3 8.1 12.1#
 100 11.7 6.5 9.7#





#82
 Pyrene
 Concen: 1.001 ng/ul
 RT: 19.627 min Scan# 2815
 Delta R.T. 0.012 min
 Lab File: BG063879.D
 Acq: 27 Dec 2024 22:26

Instrument :
 BNA_G
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Tgt Ion:202 Resp: 44021
 Ion Ratio Lower Upper
 202 100
 101 16.9 8.7 13.1#
 100 10.2 7.8 11.6

