

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062126.D
 Acq On : 17 Jul 2024 23:59
 Operator : MA/JU
 Sample : P3217-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZF0

Quant Time: Jul 18 01:08:31 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

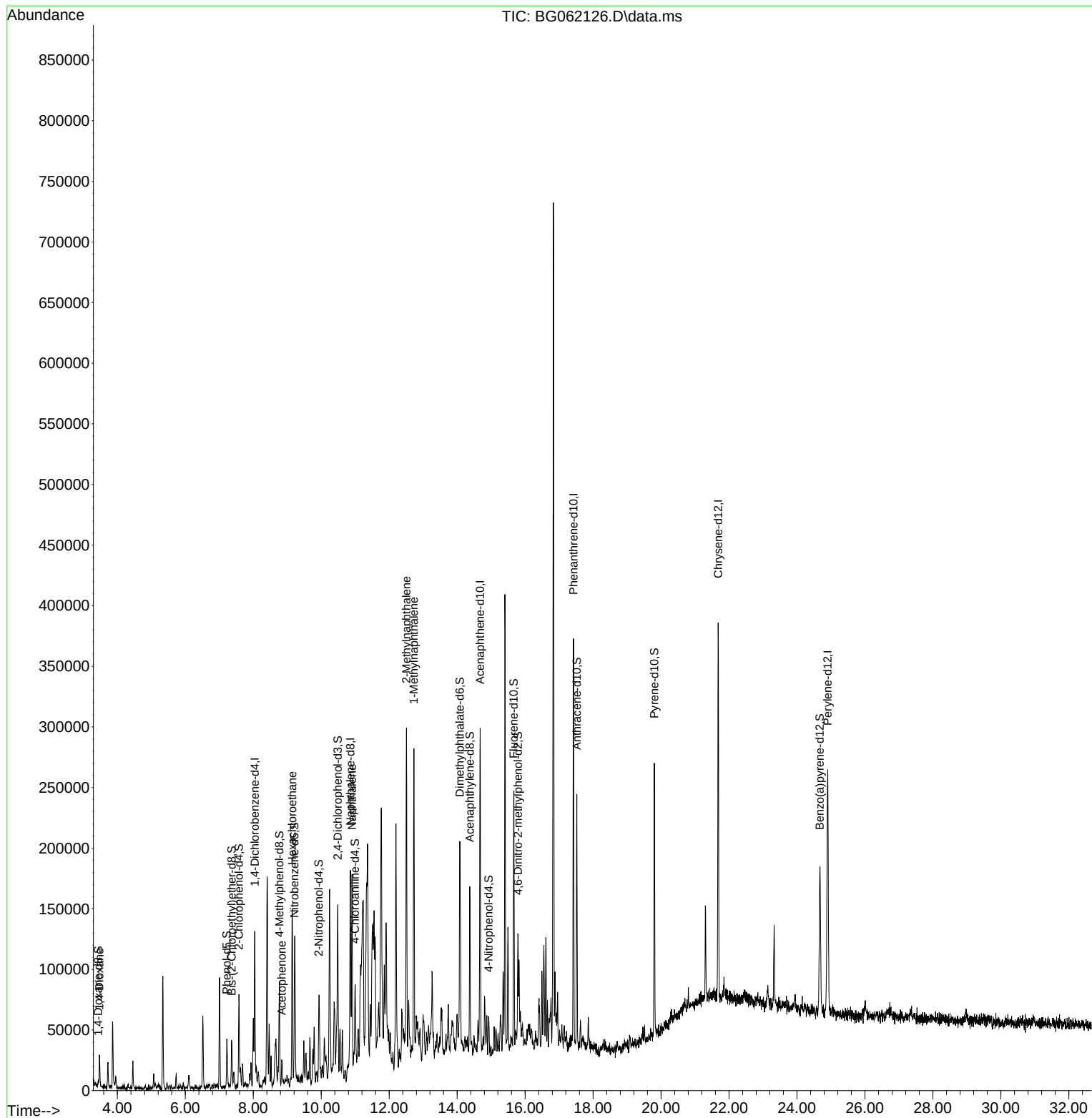
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	26672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.858	136	116424	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.677	164	85735	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.426	188	201435	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.680	240	178164	20.000	ng/u1	#-0.01
88) Perylene-d12	24.906	264	206792	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	2529	3.563	ng/uL	0.00
4) Pyridine-d5	3.925	84	155	0.071	ng/u1	0.07
7) Phenol-d5	7.221	99	14733	5.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	17692	9.571	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.579	132	24977	12.475	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	22739	9.894	ng/u1	0.00
21) Nitrobenzene-d5	9.212	128	12540	14.162	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.929	143	14044	13.889	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	27728	14.217	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	28727	10.145	ng/u1	-0.01
46) Dimethylphthalate-d6	14.077	166	85690	12.157	ng/u1	0.00
49) Acenaphthylene-d8	14.371	160	76640	10.398	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.923	143	4795	4.260	ng/u1	0.02
60) Fluorene-d10	15.664	176	62843	10.591	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.793	200	9667	9.138	ng/u1	0.00
73) Anthracene-d10	17.520	188	110144	11.712	ng/u1	0.00
81) Pyrene-d10	19.800	212	125011	11.929	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.671	264	129472	12.624	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	9781	12.485	ng/uL	86
16) Acetophenone	8.836	105	4274	1.126	ng/u1#	53
19) Hexachloroethane	9.148	117	15065	17.025	ng/u1#	12
30) Naphthalene	10.905	128	93551	14.628	ng/u1	97
36) 2-Methylnaphthalene	12.509	142	103538	22.347	ng/u1	99
37) 1-Methylnaphthalene	12.726	142	100173	20.805	ng/u1#	96

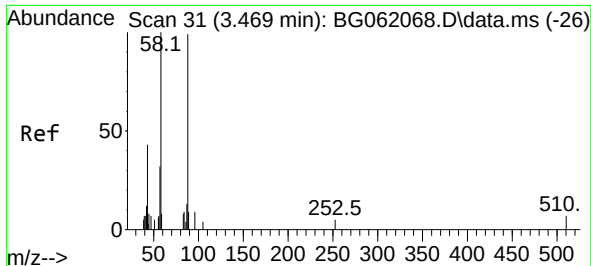
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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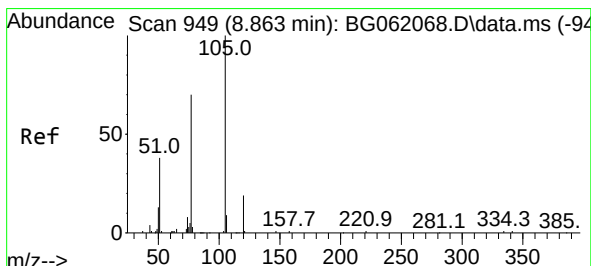
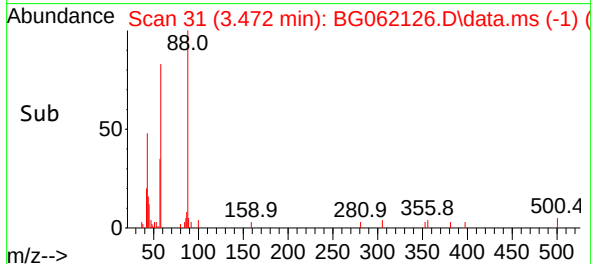
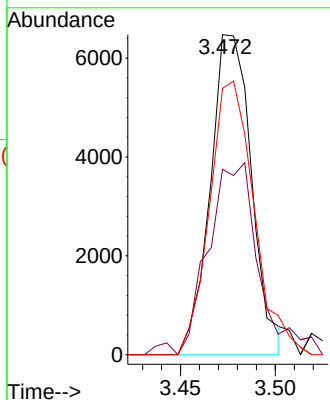
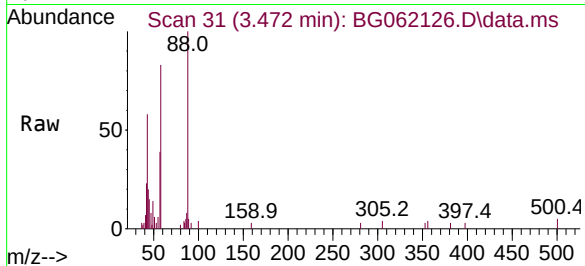




#2
1,4-Dioxane
Concen: 12.485 ng/uL
RT: 3.472 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG062126.D
Acq: 17 Jul 2024 23:59

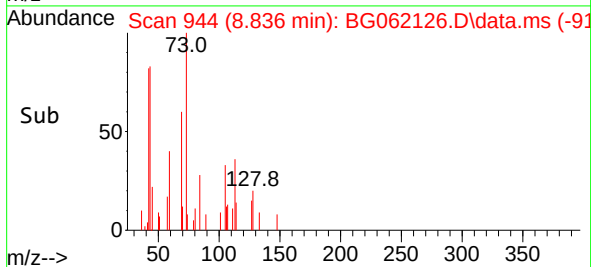
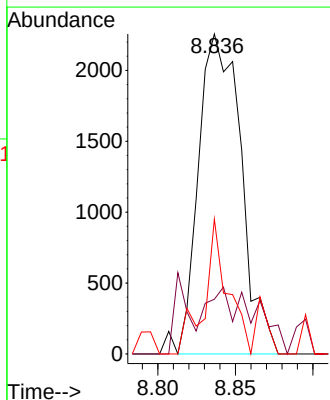
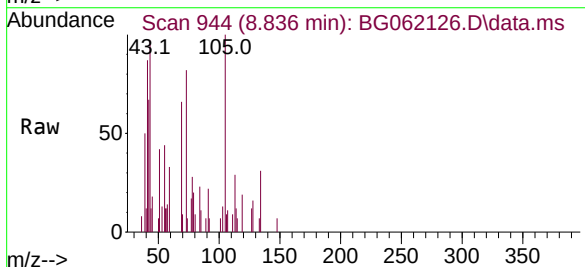
Instrument :
BNA_G
ClientSampleId :
YDZF0

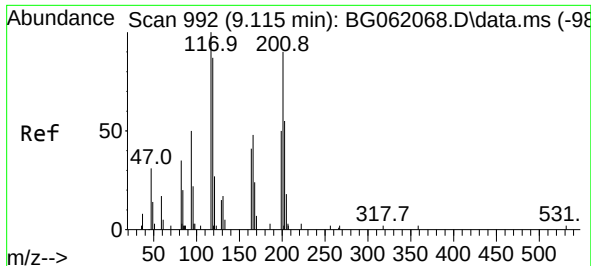
Tgt Ion: 88 Resp: 9781
Ion Ratio Lower Upper
88 100
43 58.0 39.4 59.2
58 83.2 78.1 117.1



#16
Acetophenone
Concen: 1.126 ng/uL
RT: 8.836 min Scan# 944
Delta R.T. -0.040 min
Lab File: BG062126.D
Acq: 17 Jul 2024 23:59

Tgt Ion: 105 Resp: 4274
Ion Ratio Lower Upper
105 100
77 17.1 64.1 96.1#
51 42.1 33.8 50.8





#19

Hexachloroethane

Concen: 17.025 ng/ul

RT: 9.148 min Scan# 992

Delta R.T. 0.019 min

Lab File: BG062126.D

Acq: 17 Jul 2024 23:59

Instrument :

BNA_G

ClientSampleId :

YDZF0

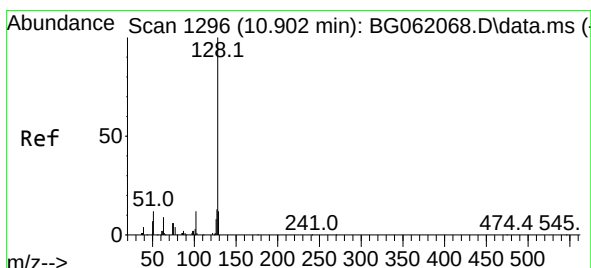
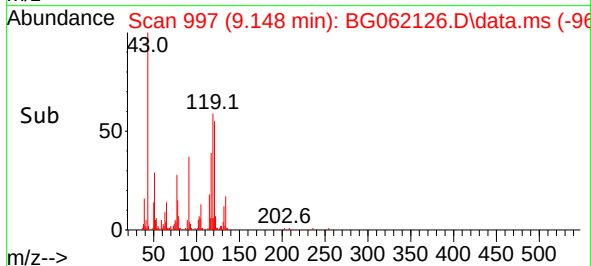
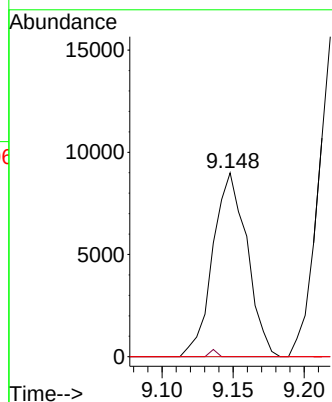
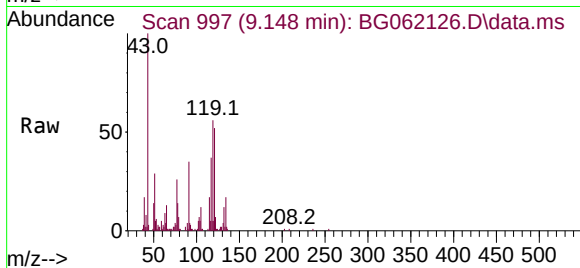
Tgt Ion:117 Resp: 15065

Ion Ratio Lower Upper

117 100

201 0.0 69.3 103.9#

199 0.0 48.9 73.3#



#30

Naphthalene

Concen: 14.628 ng/ul

RT: 10.905 min Scan# 1296

Delta R.T. -0.010 min

Lab File: BG062126.D

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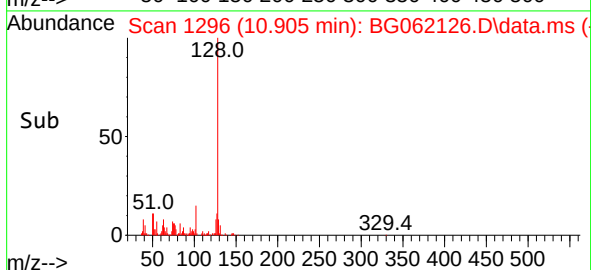
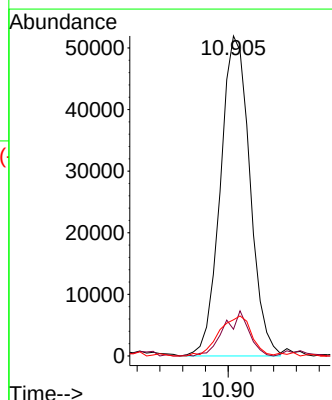
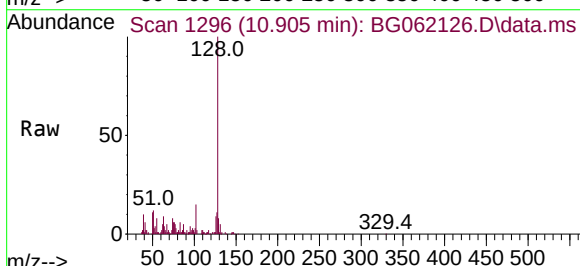
Tgt Ion:128 Resp: 93551

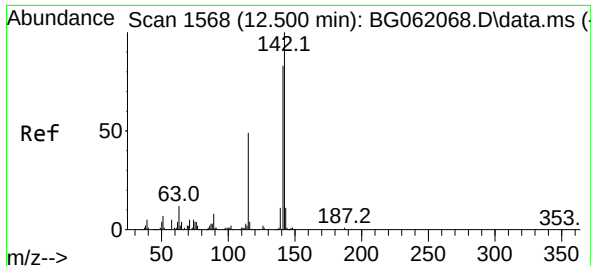
Ion Ratio Lower Upper

128 100

129 8.3 7.7 11.5

127 11.3 9.6 14.4

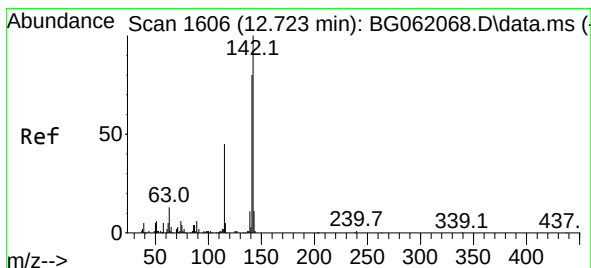
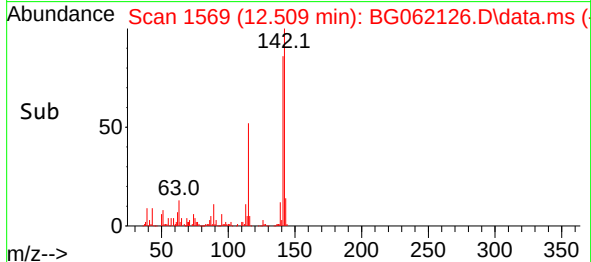
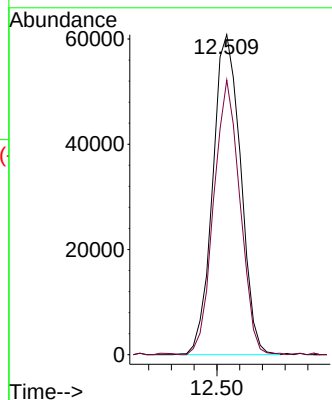
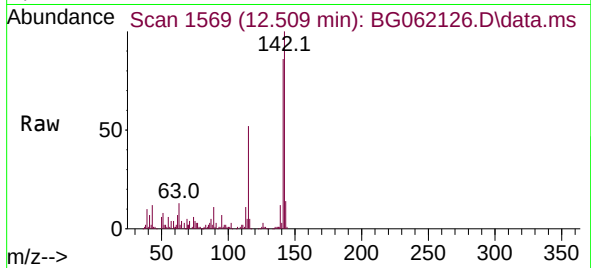




#36
2-Methylnaphthalene
Concen: 22.347 ng/ul
RT: 12.509 min Scan# 1569
Delta R.T. -0.004 min
Lab File: BG062126.D
Acq: 17 Jul 2024 23:59

Instrument :
BNA_G
ClientSampleId :
YDZF0

Tgt Ion:142 Resp: 103538
Ion Ratio Lower Upper
142 100
141 85.8 69.4 104.2



#37
1-Methylnaphthalene
Concen: 20.805 ng/ul
RT: 12.726 min Scan# 1606
Delta R.T. -0.010 min
Lab File: BG062126.D
Acq: 17 Jul 2024 23:59

Tgt Ion:142 Resp: 100173
Ion Ratio Lower Upper
142 100
141 85.8 71.4 107.2
116 5.8 3.8 5.8#

