

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062905.D
 Acq On : 18 Sep 2024 12:32
 Operator : JU/RC
 Sample : P3878-03ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC47ME

Quant Time: Sep 18 13:10:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

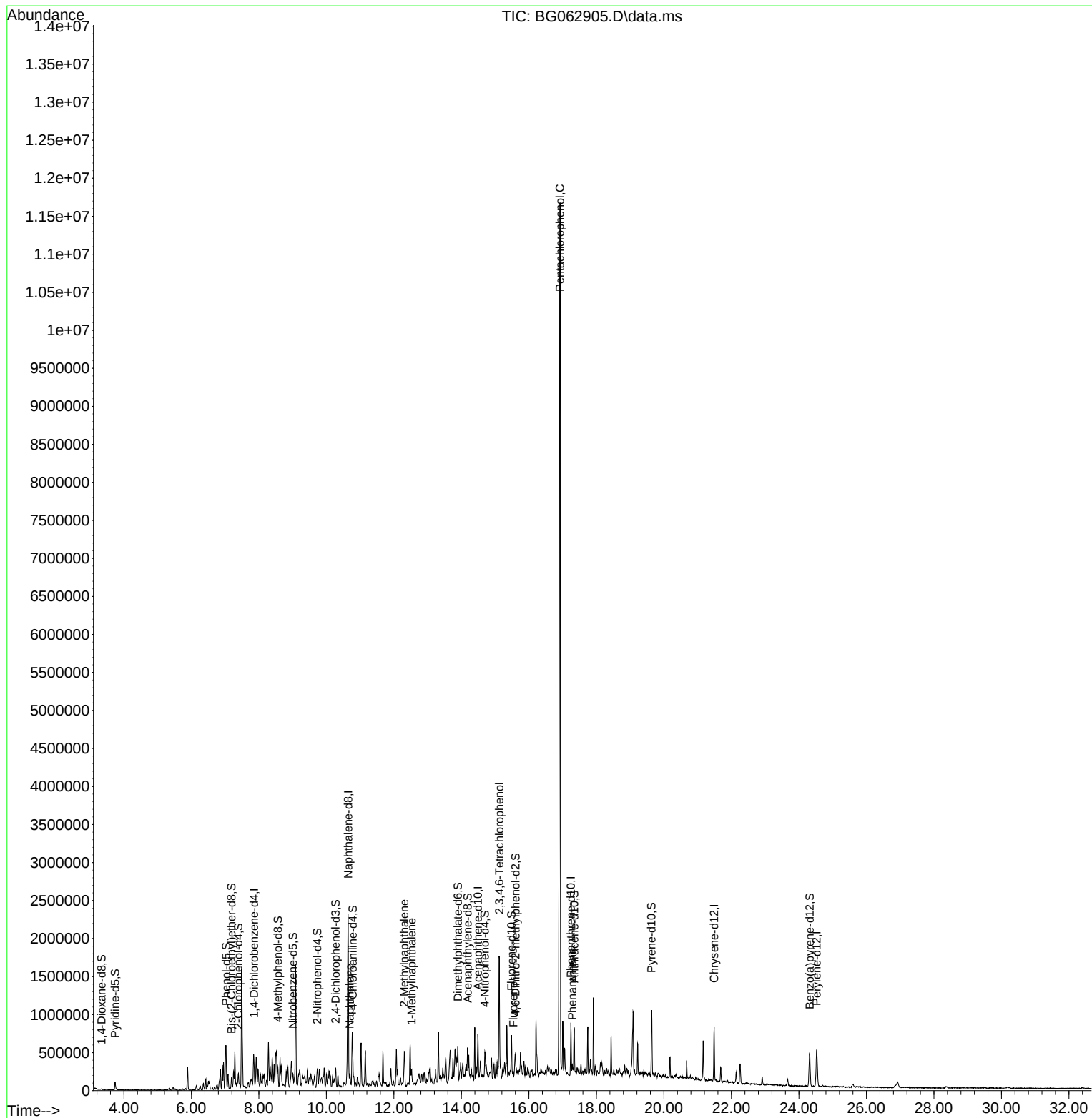
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	56324	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	211022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.489	164	178777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	401175	20.000	ng/ul	0.00
79) Chrysene-d12	21.487	240	409170	20.000	ng/ul	0.00
88) Perylene-d12	24.524	264	481320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	5169	2.688	ng/uL	0.00
4) Pyridine-d5	3.743	84	64407	12.337	ng/ul	0.00
7) Phenol-d5	7.027	99	100662	17.223	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	56079	17.146	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	62146	16.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.561	113	76239	17.807	ng/ul	0.00
21) Nitrobenzene-d5	9.007	128	33127	19.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	40194	21.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	71375	18.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.782	131	93623	19.011	ng/ul	0.00
46) Dimethylphthalate-d6	13.896	166	240701	18.105	ng/ul	0.00
49) Acenaphthylene-d8	14.184	160	276082	18.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.695	143	32954	15.468	ng/ul	0.00
60) Fluorene-d10	15.482	176	224151	18.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	43745	18.038	ng/ul	0.00
73) Anthracene-d10	17.339	188	343295	18.106	ng/ul	0.00
81) Pyrene-d10	19.630	212	438047	17.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	454125	17.890	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.693	128	52944	4.519	ng/ul#	91
36) 2-Methylnaphthalene	12.309	142	124160	14.705	ng/ul	97
37) 1-Methylnaphthalene	12.527	142	71639	8.384	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.124	232	306305	82.064	ng/ul	96
61) Fluorene	15.541	166	14487	1.124	ng/ul#	86
71) Pentachlorophenol	16.921	266	2542055	865.698	ng/ul	91
72) Phenanthrene	17.286	178	80972	3.799	ng/ul	97

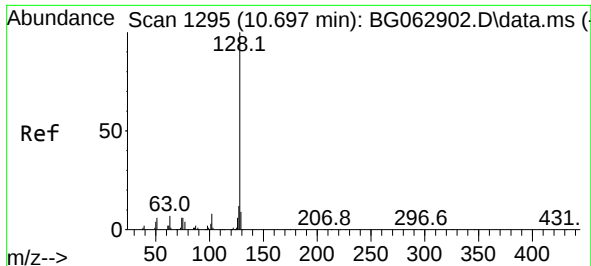
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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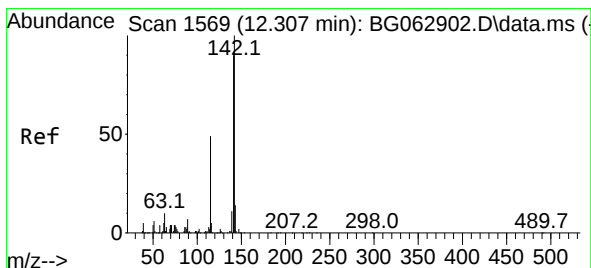
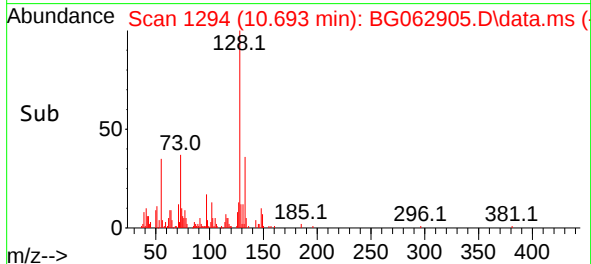
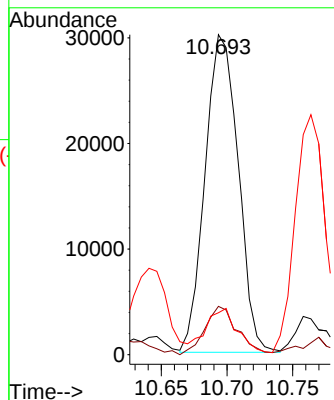
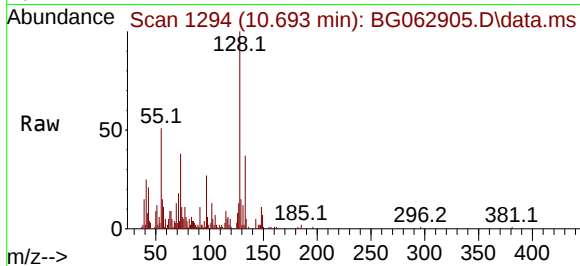




#30
Naphthalene
Concen: 4.519 ng/ul
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG062905.D
Acq: 18 Sep 2024 12:32

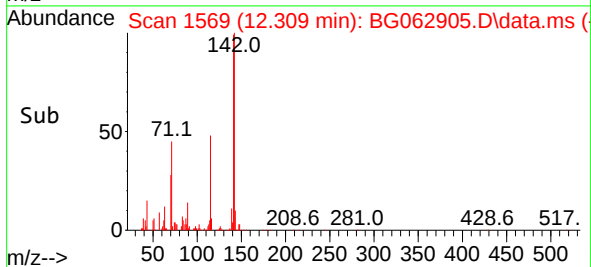
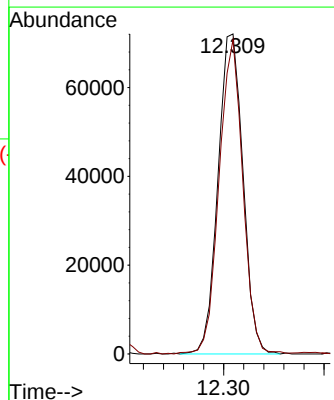
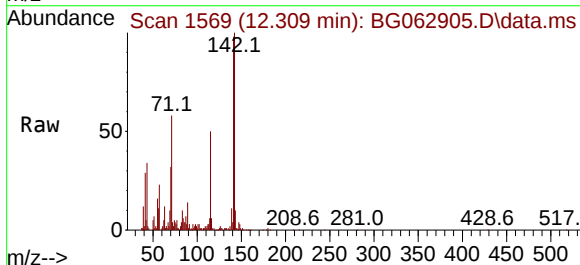
Instrument :
BNA_G
ClientSampleId :
DDC47ME

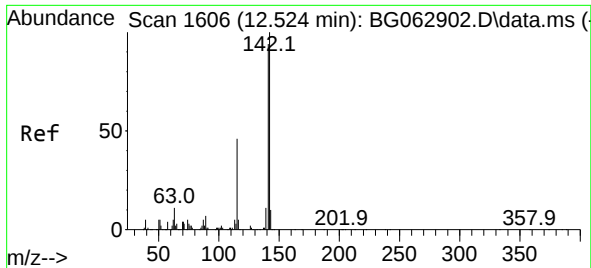
Tgt Ion:128 Resp: 52944
Ion Ratio Lower Upper
128 100
129 15.1 7.1 10.7#
127 13.1 9.4 14.2



#36
2-Methylnaphthalene
Concen: 14.705 ng/ul
RT: 12.309 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG062905.D
Acq: 18 Sep 2024 12:32

Tgt Ion:142 Resp: 124160
Ion Ratio Lower Upper
142 100
141 98.2 76.5 114.7

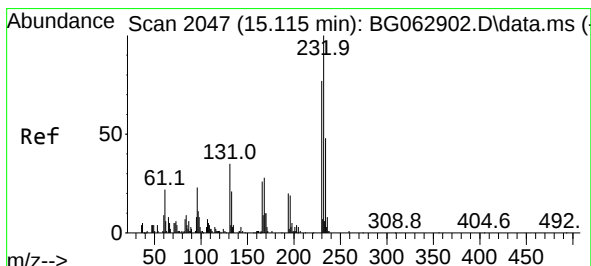
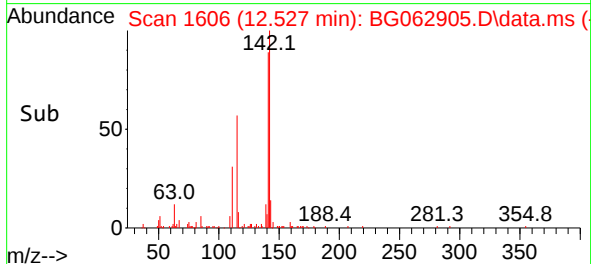
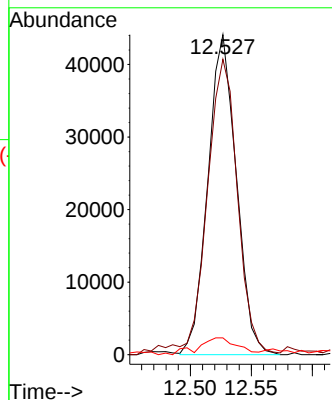
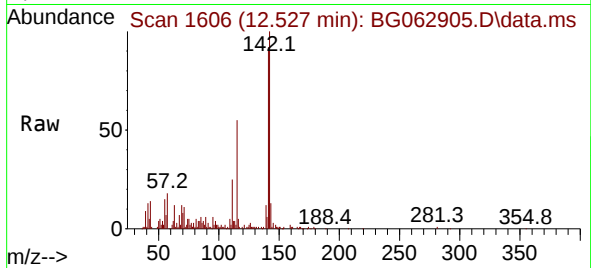




#37
1-Methylnaphthalene
Concen: 8.384 ng/ul
RT: 12.527 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG062905.D
Acq: 18 Sep 2024 12:32

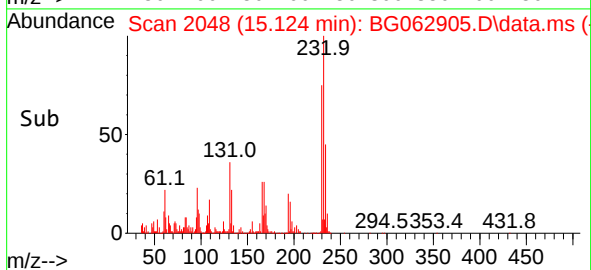
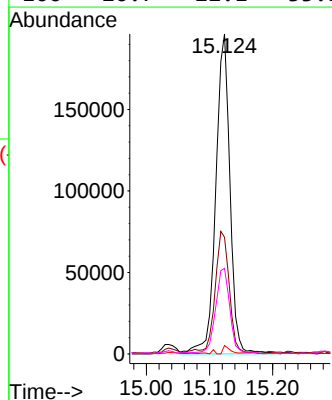
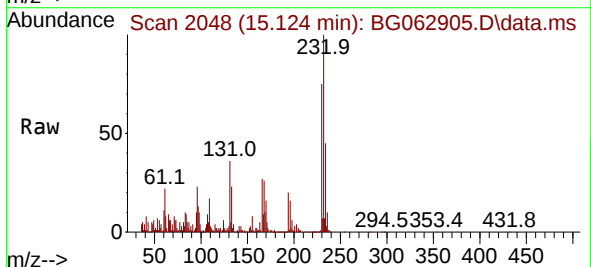
Instrument :
BNA_G
ClientSampleId :
DDC47ME

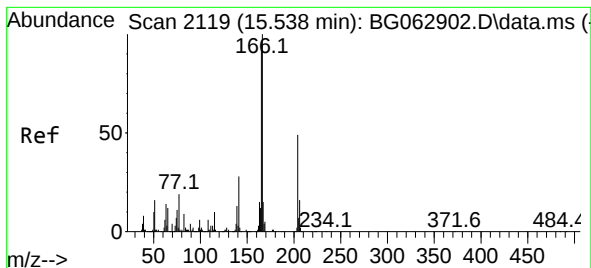
Tgt Ion:142 Resp: 71639
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1
116 5.3 3.6 5.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 82.064 ng/ul
RT: 15.124 min Scan# 2048
Delta R.T. 0.008 min
Lab File: BG062905.D
Acq: 18 Sep 2024 12:32

Tgt Ion:232 Resp: 306305
Ion Ratio Lower Upper
232 100
131 36.5 31.9 47.9
130 2.7 1.9 2.9
166 26.7 22.1 33.1





#61

Fluorene

Concen: 1.124 ng/ul

RT: 15.541 min Scan# 2119

Delta R.T. 0.002 min

Lab File: BG062905.D

Acq: 18 Sep 2024 12:32

Instrument :

BNA_G

ClientSampleId :

DDC47ME

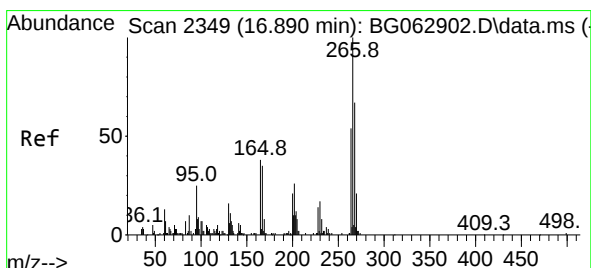
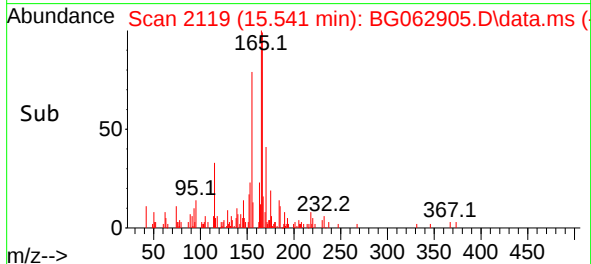
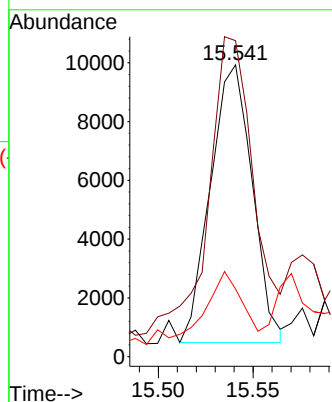
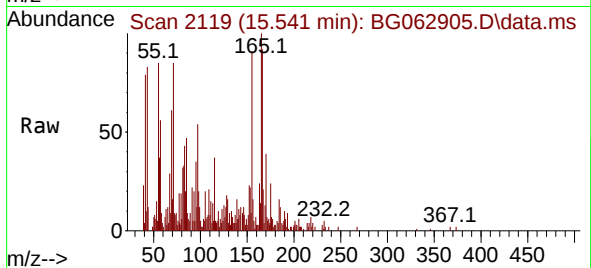
Tgt Ion:166 Resp: 14487

Ion Ratio Lower Upper

166 100

165 108.3 77.2 115.8

167 23.2 10.8 16.2#



#71

Pentachlorophenol

Concen: 865.698 ng/ul

RT: 16.921 min Scan# 2354

Delta R.T. 0.031 min

Lab File: BG062905.D

Acq: 18 Sep 2024 12:32

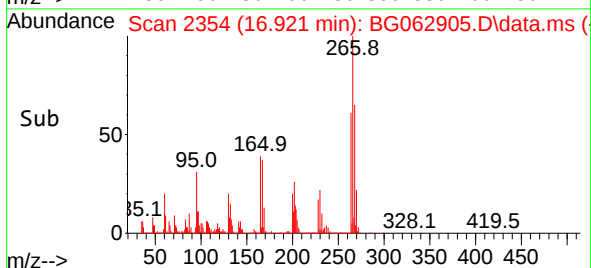
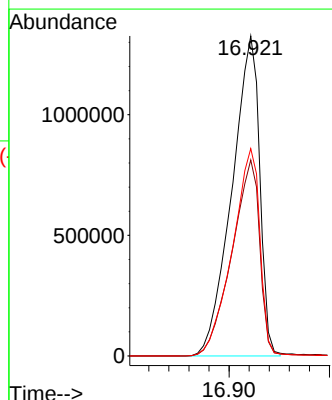
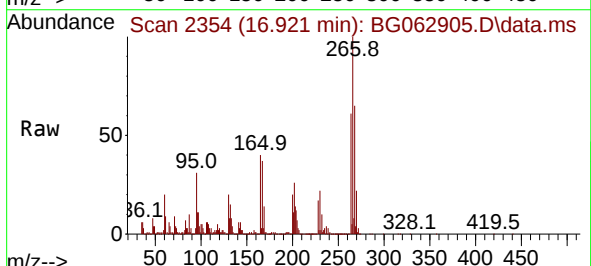
Tgt Ion:266 Resp: 2542055

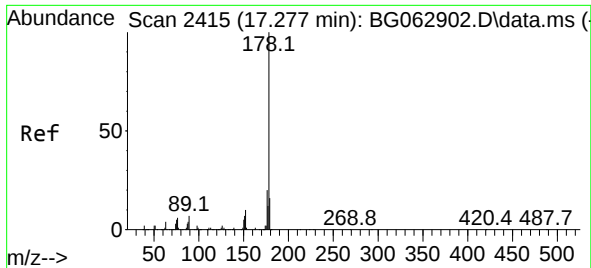
Ion Ratio Lower Upper

266 100

264 61.3 43.0 64.4

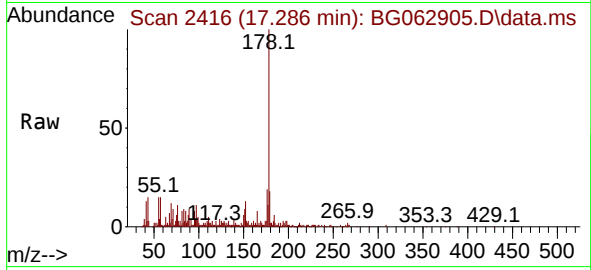
268 64.8 47.2 70.8





#72
 Phenanthrene
 Concen: 3.799 ng/ul
 RT: 17.286 min Scan# 2416
 Delta R.T. 0.008 min
 Lab File: BG062905.D
 Acq: 18 Sep 2024 12:32

Instrument :
 BNA_G
 ClientSampleId :
 DDC47ME



Tgt Ion:	178	Resp:	80972
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.3	18.5
176	18.8	15.5	23.3

