

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062974.D
 Acq On : 20 Sep 2024 11:57
 Operator : JU/RC
 Sample : P3898-09ME
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC60ME

Quant Time: Sep 20 23:19:43 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)

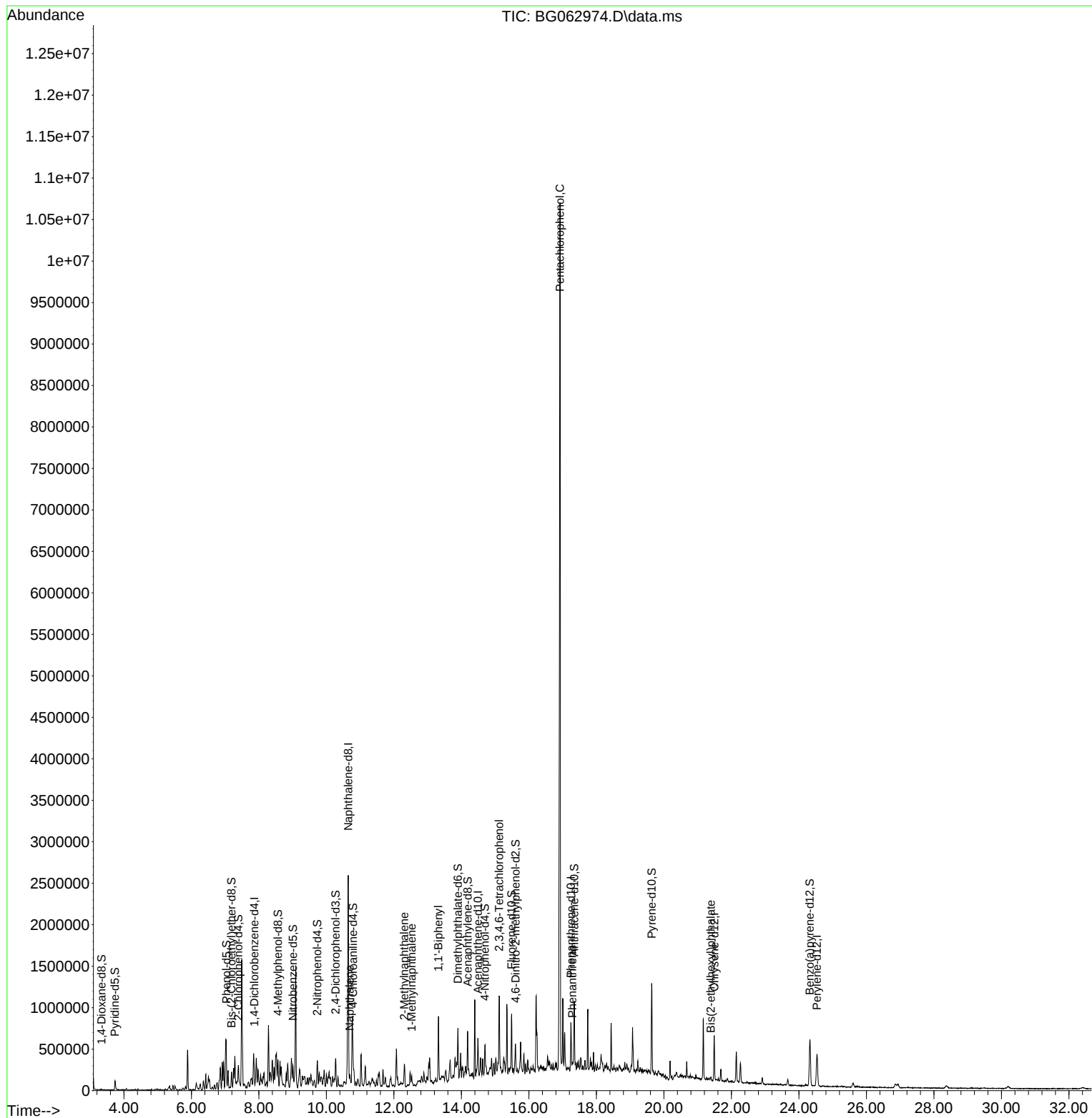
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	41883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	153284	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.488	164	135452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.244	188	305387	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.492	240	312790	20.000	ng/u1	# 0.00
88) Perylene-d12	24.529	264	381592	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	5858	4.097	ng/uL	0.00
4) Pyridine-d5	3.736	84	73085	18.827	ng/u1	0.00
7) Phenol-d5	7.032	99	132697	30.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.185	67	74754	30.737	ng/u1	0.00
11) 2-Chlorophenol-d4	7.391	132	84797	29.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	97867	30.740	ng/u1	0.00
21) Nitrobenzene-d5	9.006	128	44022	36.049	ng/u1	0.00
24) 2-Nitrophenol-d4	9.729	143	51648	37.280	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.276	165	100515	34.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	113104	31.618	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	312757	31.050	ng/u1	0.00
49) Acenaphthylene-d8	14.183	160	345404	30.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	45203	28.005	ng/u1	0.00
60) Fluorene-d10	15.487	176	299076	31.888	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	59005	31.963	ng/u1	0.00
73) Anthracene-d10	17.344	188	448860	31.099	ng/u1	0.00
81) Pyrene-d10	19.635	212	585224	30.891	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.324	264	628188	31.215	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.693	128	55372	6.506	ng/u1#	92
36) 2-Methylnaphthalene	12.308	142	65502	10.680	ng/u1	98
37) 1-Methylnaphthalene	12.526	142	42198	6.798	ng/u1#	88
43) 1,1'-Biphenyl	13.319	154	11973	1.190	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.117	232	185976	65.763	ng/u1#	97
71) Pentachlorophenol	16.921	266	2326850	1040.958	ng/u1	90
72) Phenanthrene	17.285	178	50603	3.119	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.386	149	11724	1.059	ng/u1#	98

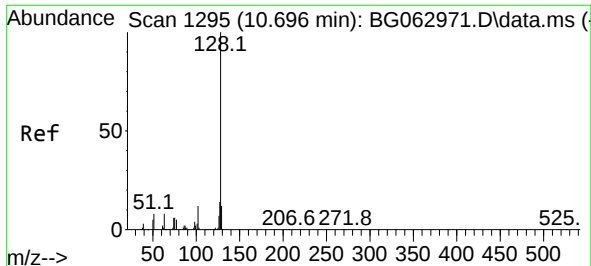
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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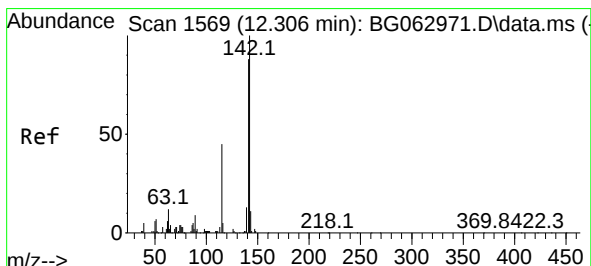
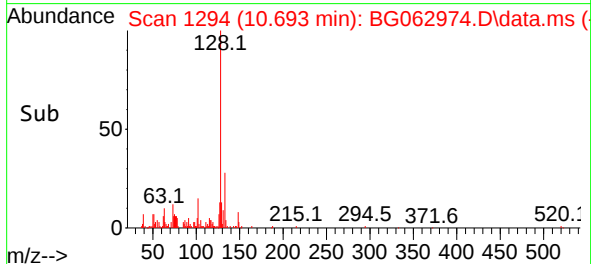
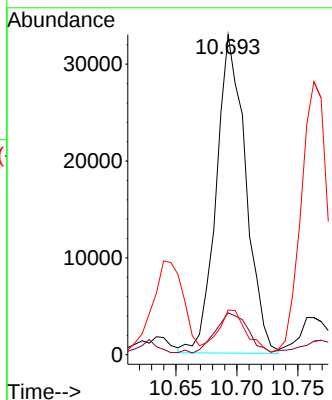
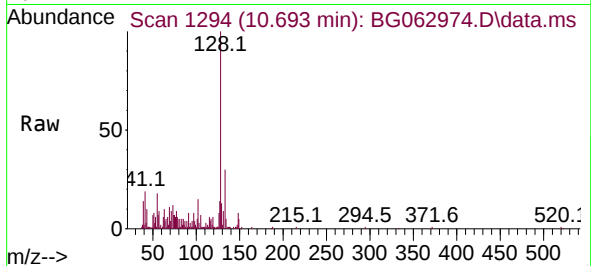




#30
Naphthalene
Concen: 6.506 ng/ul
RT: 10.693 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062974.D
Acq: 20 Sep 2024 11:57

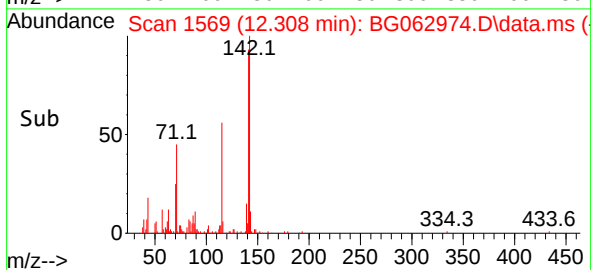
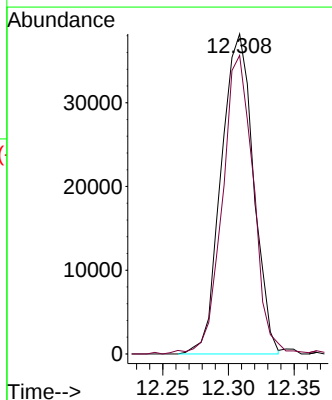
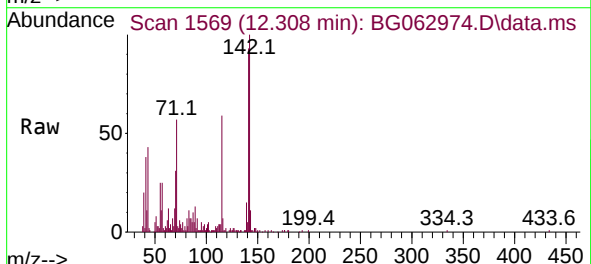
Instrument :
BNA_G
ClientSampleId :
DDC60ME

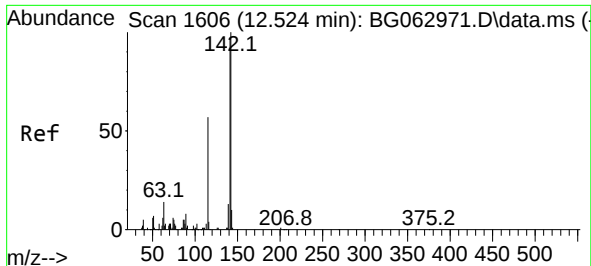
Tgt Ion:128 Resp: 55372
Ion Ratio Lower Upper
128 100
129 13.1 7.1 10.7#
127 13.9 9.4 14.2



#36
2-Methylnaphthalene
Concen: 10.680 ng/ul
RT: 12.308 min Scan# 1569
Delta R.T. 0.001 min
Lab File: BG062974.D
Acq: 20 Sep 2024 11:57

Tgt Ion:142 Resp: 65502
Ion Ratio Lower Upper
142 100
141 93.3 76.5 114.7





#37

1-Methylnaphthalene

Concen: 6.798 ng/ul

RT: 12.526 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062974.D

Acq: 20 Sep 2024 11:57

Instrument :

BNA_G

ClientSampleId :

DDC60ME

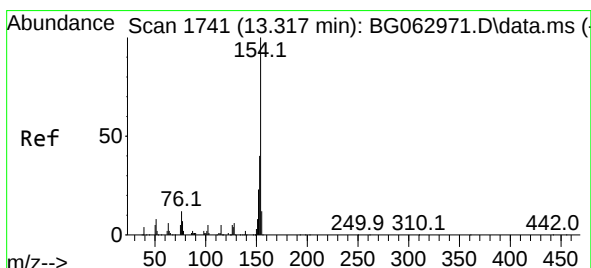
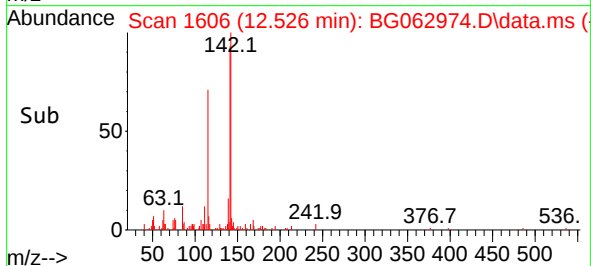
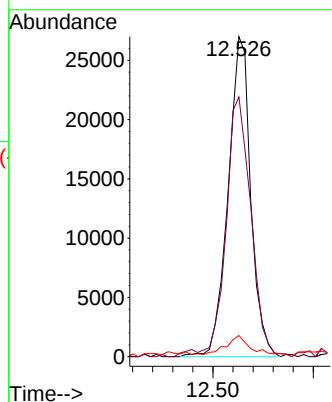
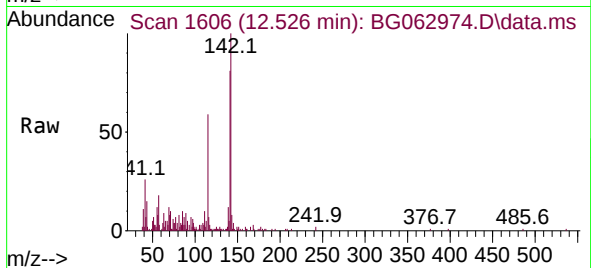
Tgt Ion:142 Resp: 42198

Ion Ratio Lower Upper

142 100

141 81.1 74.1 111.1

116 6.6 3.6 5.4#



#43

1,1'-Biphenyl

Concen: 1.190 ng/ul

RT: 13.319 min Scan# 1741

Delta R.T. 0.001 min

Lab File: BG062974.D

Acq: 20 Sep 2024 11:57

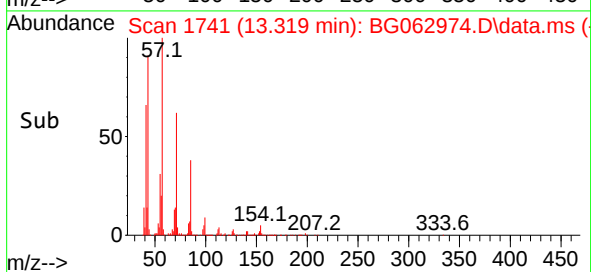
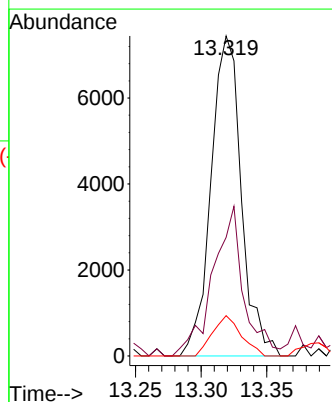
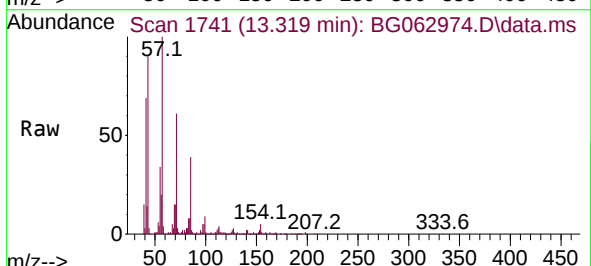
Tgt Ion:154 Resp: 11973

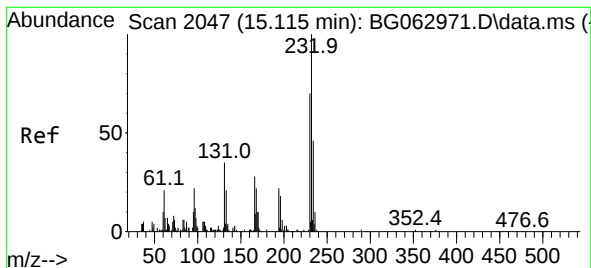
Ion Ratio Lower Upper

154 100

153 37.1 30.3 45.5

76 12.6 11.9 17.9

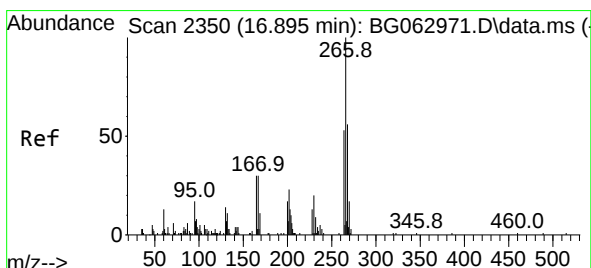
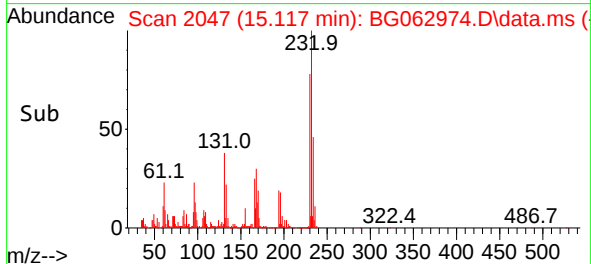
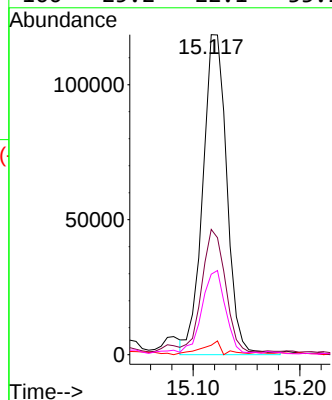
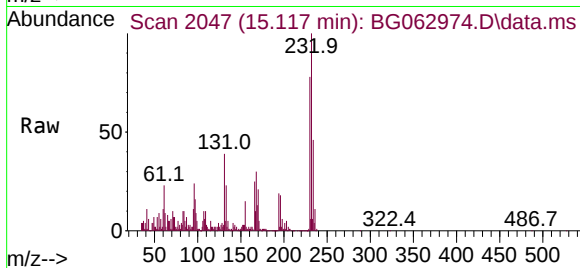




#58
2,3,4,6-Tetrachlorophenol
Concen: 65.763 ng/ul
RT: 15.117 min Scan# 2047
Delta R.T. 0.001 min
Lab File: BG062974.D
Acq: 20 Sep 2024 11:57

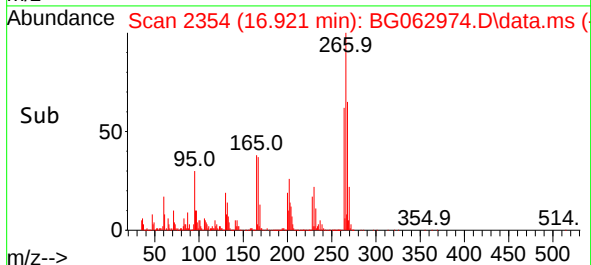
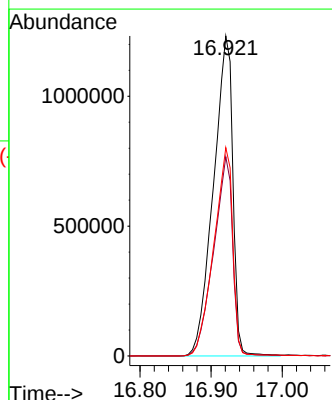
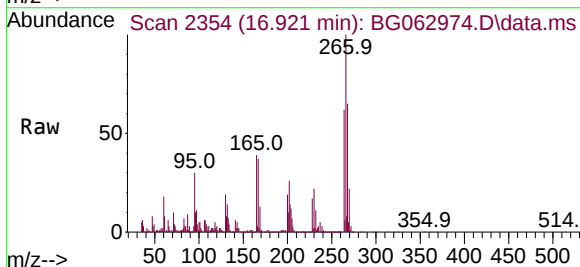
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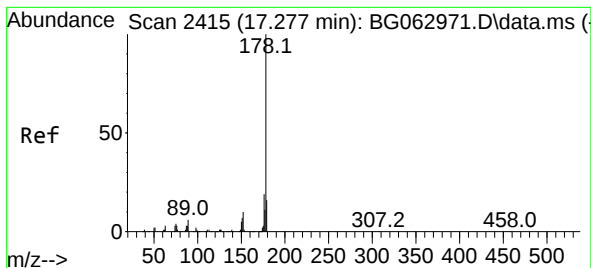
Tgt Ion:	232	Resp:	185976
Ion	Ratio	Lower	Upper
232	100		
131	39.1	31.9	47.9
130	2.9	1.9	2.9#
166	25.2	22.1	33.1



#71
Pentachlorophenol
Concen: 1040.958 ng/ul
RT: 16.921 min Scan# 2354
Delta R.T. 0.031 min
Lab File: BG062974.D
Acq: 20 Sep 2024 11:57

Tgt Ion:	266	Resp:	2326850
Ion	Ratio	Lower	Upper
266	100		
264	62.3	43.0	64.4
268	65.1	47.2	70.8





#72

Phenanthrene

Concen: 3.119 ng/ul

RT: 17.285 min Scan# 2415

Delta R.T. 0.007 min

Lab File: BG062974.D

Acq: 20 Sep 2024 11:57

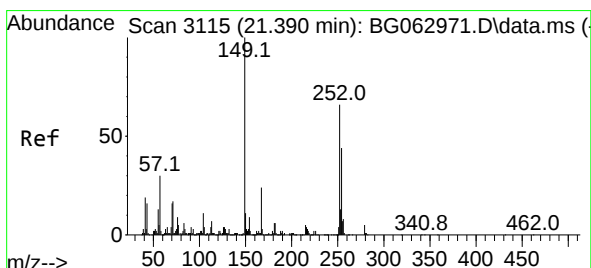
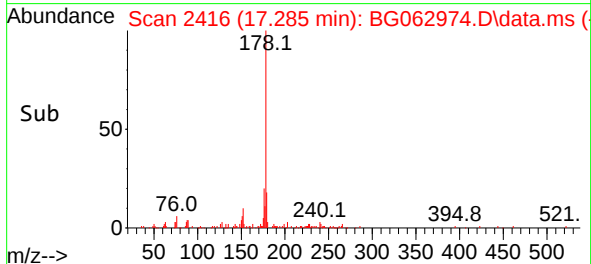
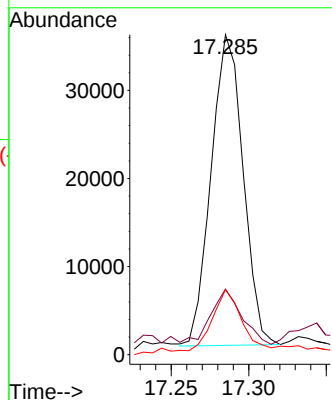
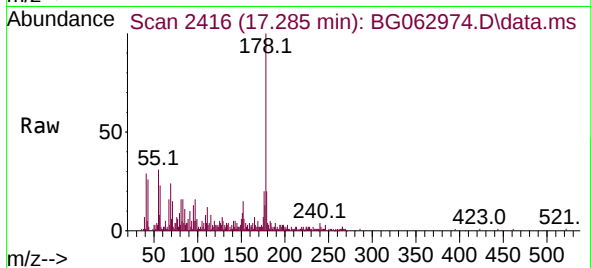
Instrument :

BNA_G

ClientSampleId :

DDC60ME

Tgt Ion:178	Resp:	50603
Ion Ratio	Lower	Upper
178	100	
179	20.5	12.3 18.5#
176	20.3	15.5 23.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.059 ng/ul

RT: 21.386 min Scan# 3114

Delta R.T. 0.001 min

Lab File: BG062974.D

Acq: 20 Sep 2024 11:57

Tgt Ion:149	Resp:	11724
Ion Ratio	Lower	Upper
149	100	
167	25.7	19.9 29.9
279	5.7	2.7 4.1#

