

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
 Data File : BG062002.D
 Acq On : 10 Jul 2024 17:18
 Operator : MA/JU
 Sample : P3108-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SW0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 11 01:07:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	51530m	20.000	ng/u1	0.04
20) Naphthalene-d8	10.932	136	243893	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.716	164	165512	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	361084	20.000	ng/u1	0.00
79) Chrysene-d12	21.720	240	321784	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	392906	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	4578	3.339	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.254	99	75982	13.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.430	67	119259	33.395	ng/u1	0.01
11) 2-Chlorophenol-d4	7.636	132	140678	36.368	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	108846m	24.514	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	80488	43.392	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	97363	45.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	167164	40.914	ng/u1	0.00
31) 4-Chloroaniline-d4	11.050	131	19938	3.361	ng/u1	0.00
46) Dimethylphthalate-d6	14.123	166	553326	40.664	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	481412	33.834	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	36101	16.613	ng/u1	0.00
60) Fluorene-d10	15.709	176	462726	40.394	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	85777	45.233	ng/u1	0.00
73) Anthracene-d10	17.560	188	645296	38.277	ng/u1	0.00
81) Pyrene-d10	19.839	212	763701	40.350	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	716777	36.784	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.284	94	17500	3.031	ng/u1#	90
12) 2-Chlorophenol	7.671	128	11573	2.937	ng/u1#	82
22) Nitrobenzene	9.316	77	315533	59.927	ng/u1	99
25) 2-Nitrophenol	10.027	139	5839	2.703	ng/u1#	90
39) 1,2,4,5-Tetrachloroben...	12.918	216	227548	45.781	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	515042	114.845	ng/u1	94
76) Pentachlorobenzene	15.033	250	17913	3.502	ng/u1	89

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

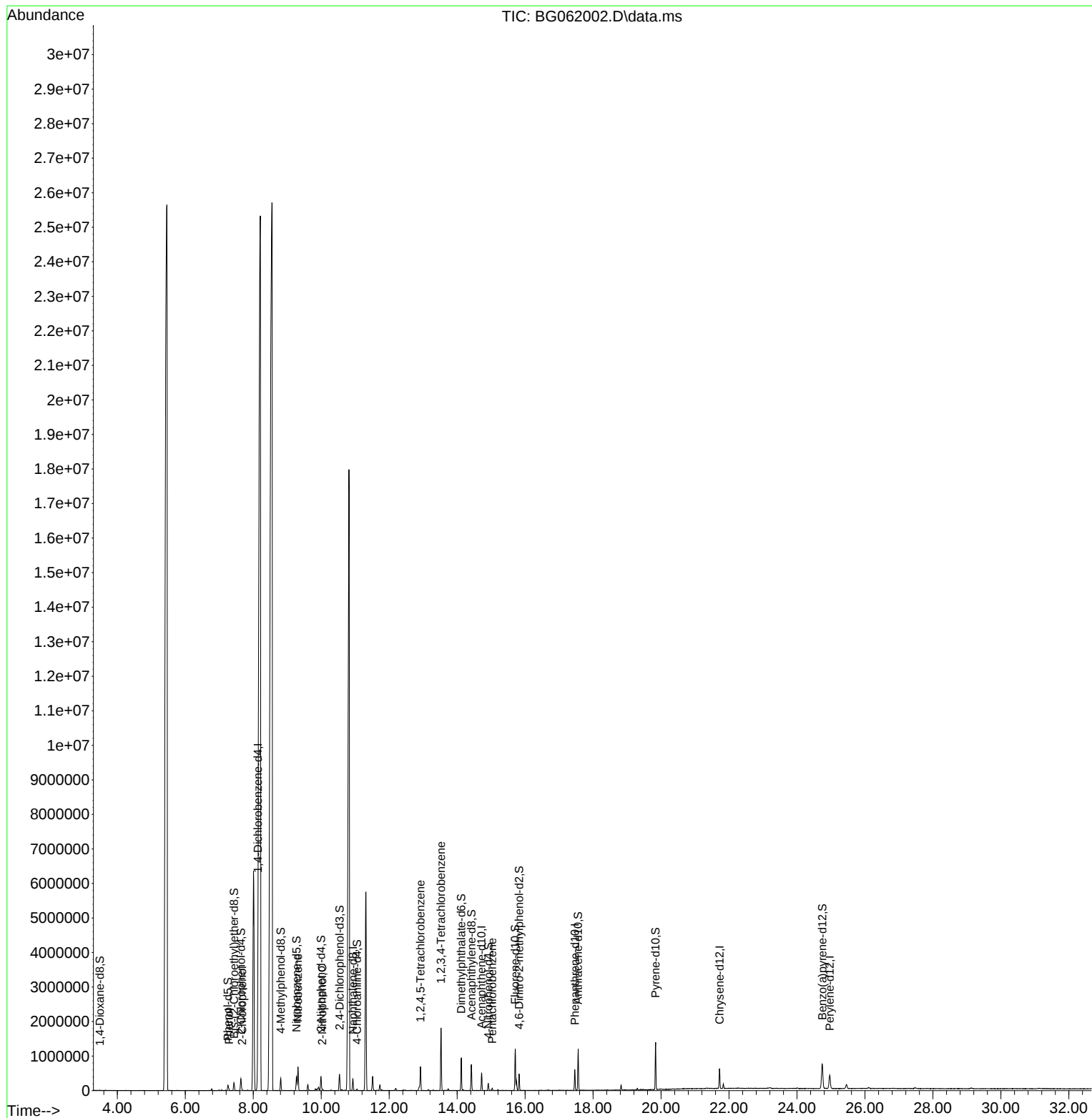
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071024\
Data File : BG062002.D
Acq On : 10 Jul 2024 17:18
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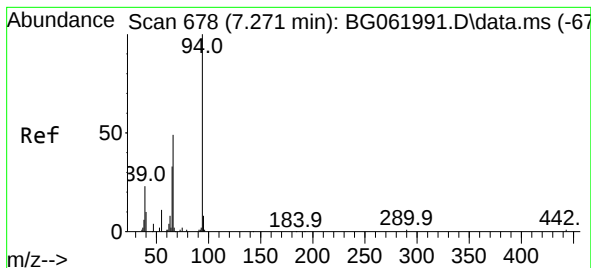
Instrument :
BNA_G
ClientSampleId :
C0SW0

Quant Time: Jul 11 01:07:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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#8

Phenol

Concen: 3.031 ng/ul

RT: 7.284 min Scan# 61

Delta R.T. 0.006 min

Lab File: BG062002.D

Acq: 10 Jul 2024 17:18

Instrument :

BNA_G

ClientSampleId :

COSW0

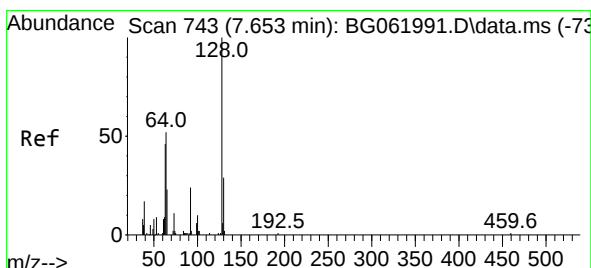
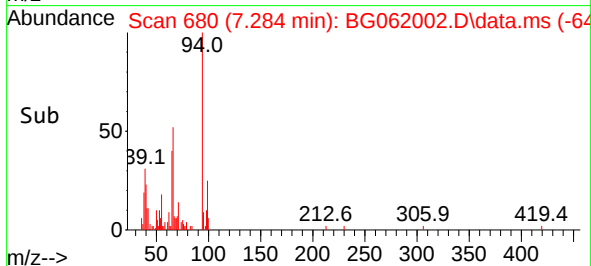
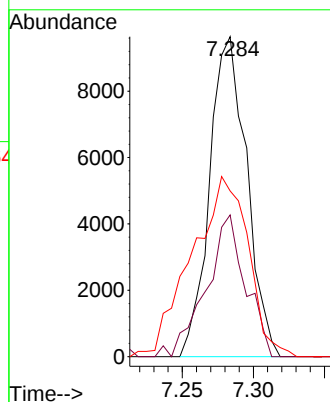
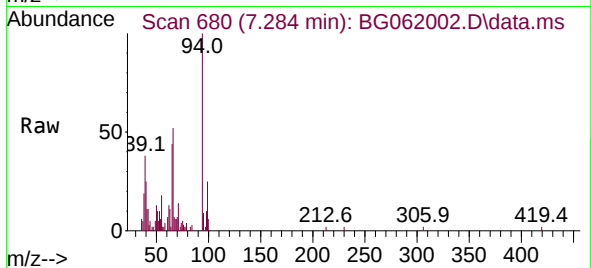
Tgt Ion: 94	Resp: 17500
Ion Ratio	Lower Upper
94 100	
65 44.3	29.0 43.4
66 51.8	37.4 56.2

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#12

2-Chlorophenol

Concen: 2.937 ng/ul

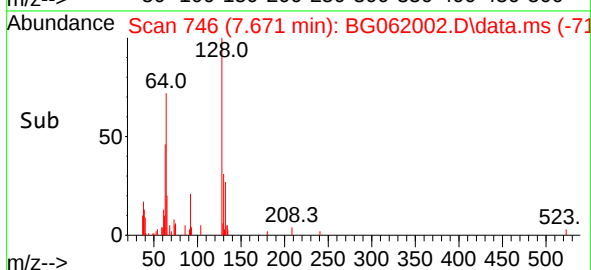
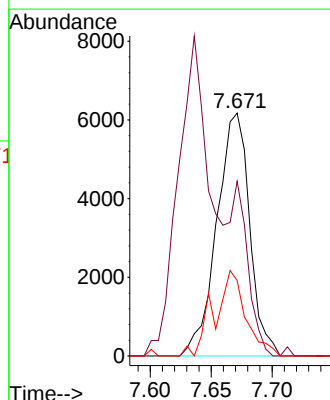
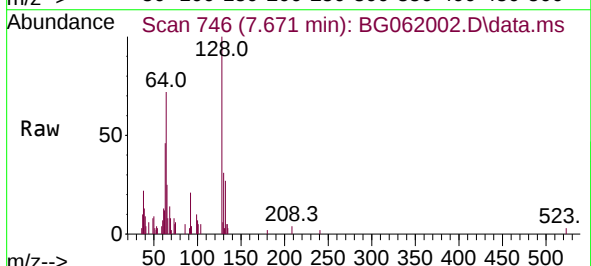
RT: 7.671 min Scan# 746

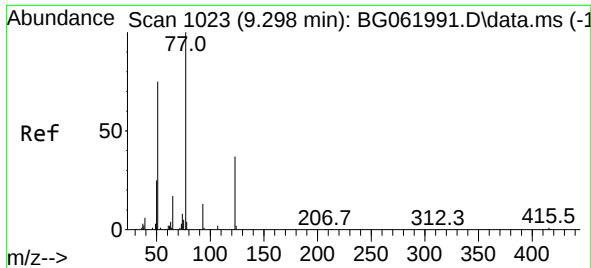
Delta R.T. 0.012 min

Lab File: BG062002.D

Acq: 10 Jul 2024 17:18

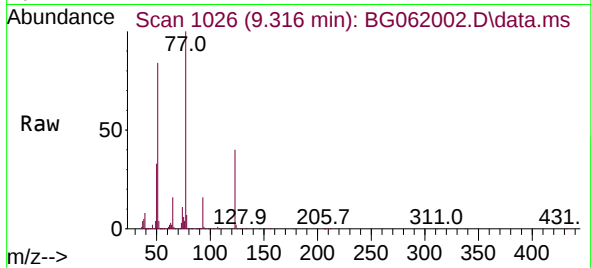
Tgt Ion:128	Resp: 11573
Ion Ratio	Lower Upper
128 100	
64 71.9	42.6 63.8
130 31.1	23.3 34.9





#22
Nitrobenzene
Concen: 59.927 ng/ul
RT: 9.316 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BG062002.D
Acq: 10 Jul 2024 17:18

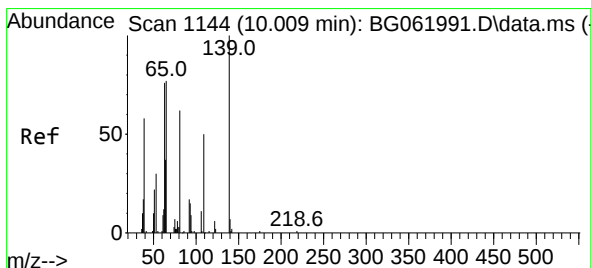
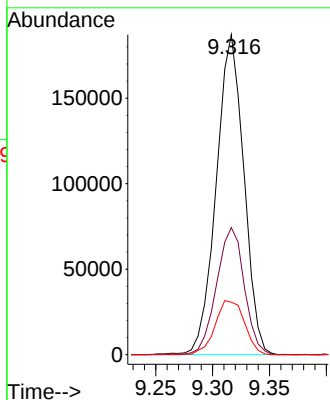
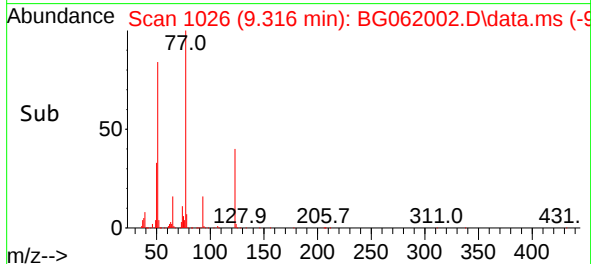
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 31553
Ion Ratio Lower Upper
77 100
123 39.7 31.0 46.6
65 16.4 12.7 19.1

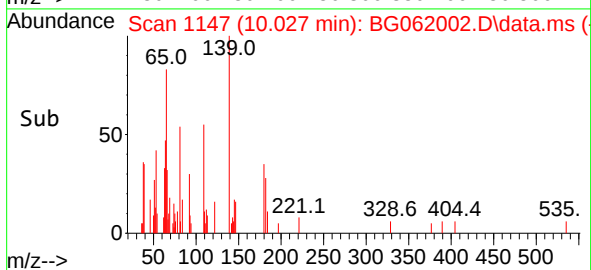
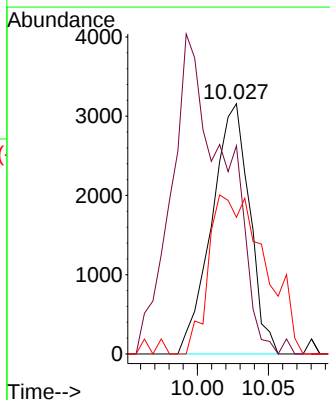
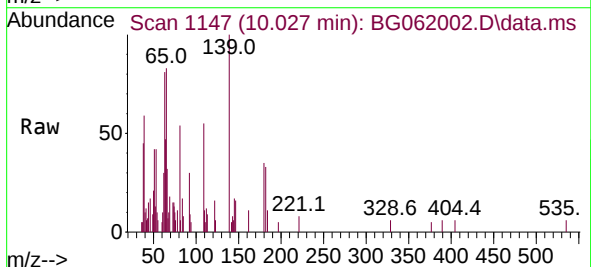
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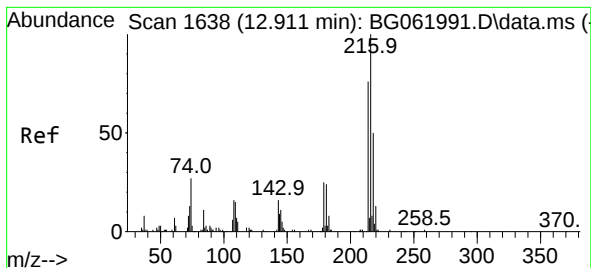
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#25
2-Nitrophenol
Concen: 2.703 ng/ul
RT: 10.027 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BG062002.D
Acq: 10 Jul 2024 17:18

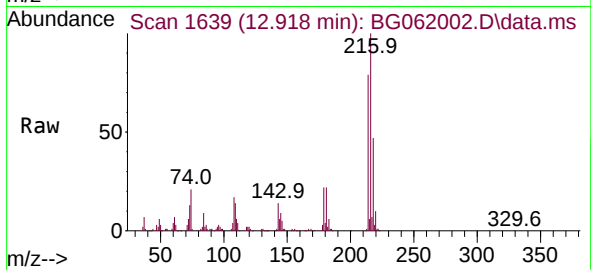
Tgt Ion:139 Resp: 5839
Ion Ratio Lower Upper
139 100
65 83.2 61.6 92.4
109 54.6 35.4 53.2#





#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.781 ng/ul
RT: 12.918 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BG062002.D
Acq: 10 Jul 2024 17:18

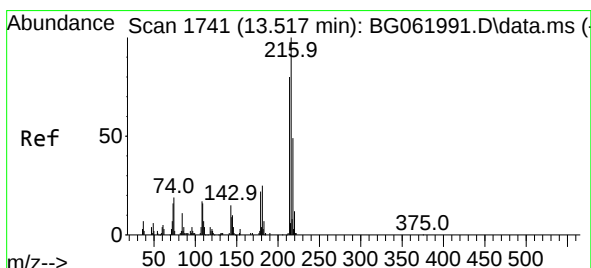
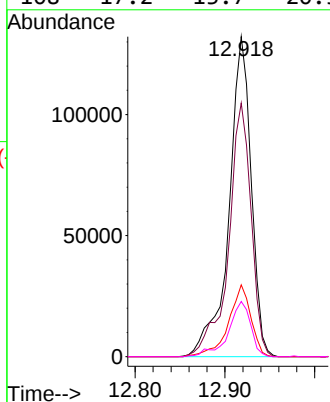
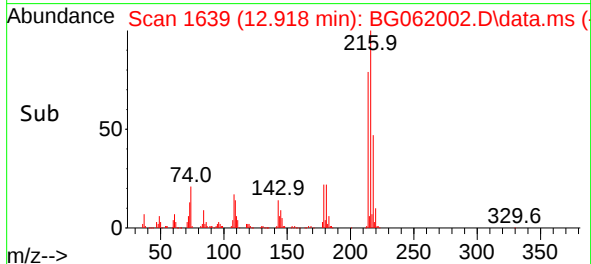
Instrument :
BNA_G
ClientSampleId :
C0SW0



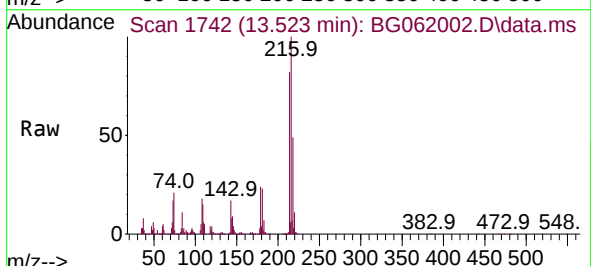
Tgt Ion:216 Resp: 227548
Ion Ratio Lower Upper
216 100
214 79.2 62.5 93.7
179 22.5 18.6 27.8
108 17.2 13.7 20.5

Manual Integrations
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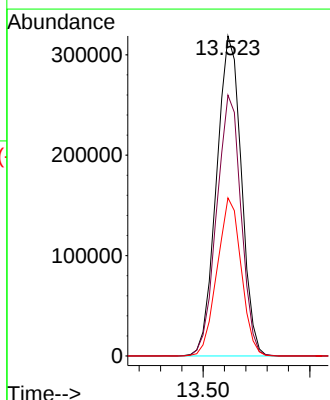
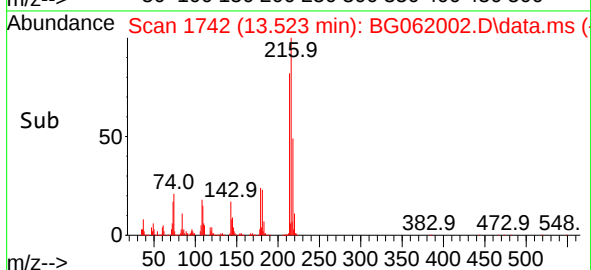
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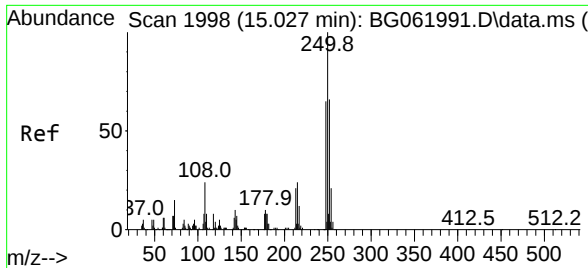


#75
1,2,3,4-Tetrachlorobenzene
Concen: 114.845 ng/ul
RT: 13.523 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG062002.D
Acq: 10 Jul 2024 17:18



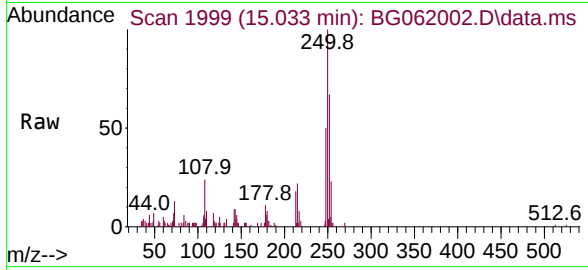
Tgt Ion:216 Resp: 515042
Ion Ratio Lower Upper
216 100
214 81.5 61.7 92.5
218 49.4 35.7 53.5





#76
 Pentachlorobenzene
 Concen: 3.502 ng/ul
 RT: 15.033 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BG062002.D
 Acq: 10 Jul 2024 17:18

Instrument :
 BNA_G
 ClientSampleId :
 C0SW0



Tgt Ion:	250	Resp:	1791
Ion Ratio	Lower	Upper	
250	100		
248	47.9	47.5	71.3
252	68.6	50.0	75.0

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