

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063052.D
 Acq On : 26 Sep 2024 3:54
 Operator : RC/JU
 Sample : P3879-17DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC46DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 04:38:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	76598	20.000	ng/u1	0.00
20) Naphthalene-d8	10.638	136	306238	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.487	164	280757	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	831024	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	977484	20.000	ng/u1	# 0.00
88) Perylene-d12	24.522	264	1094550	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.734	84	1973	0.607	ng/u1	0.01
7) Phenol-d5	7.031	99	5525	1.168	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.183	67	7327	3.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.383	132	14761	3.175	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	12632	2.958	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	8449	3.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	10882	3.784	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	20348	3.390	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.893	166	82451	3.694	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	86750	3.667	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.480	176	74952	3.664	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	49300	8.489	ng/u1	0.01
73) Anthracene-d10	17.330	188	148910m	3.735	ng/u1	0.00
81) Pyrene-d10	19.628	212	203547	3.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	201944	3.445	ng/u1	0.00
Target Compounds						
23) Isophorone	9.563	82	25537	3.111	ng/u1#	94
30) Naphthalene	10.685	128	89089	5.723	ng/u1	96
36) 2-Methylnaphthalene	12.301	142	84120	6.662	ng/u1	92
37) 1-Methylnaphthalene	12.524	142	48874	3.829	ng/u1	86
42) 2,4,5-Trichlorophenol	12.994	196	12394	1.797	ng/u1#	90
58) 2,3,4,6-Tetrachlorophenol	15.115	232	1125837	152.812	ng/u1	96
71) Pentachlorophenol	16.901	266	3125897	442.084	ng/u1	94

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

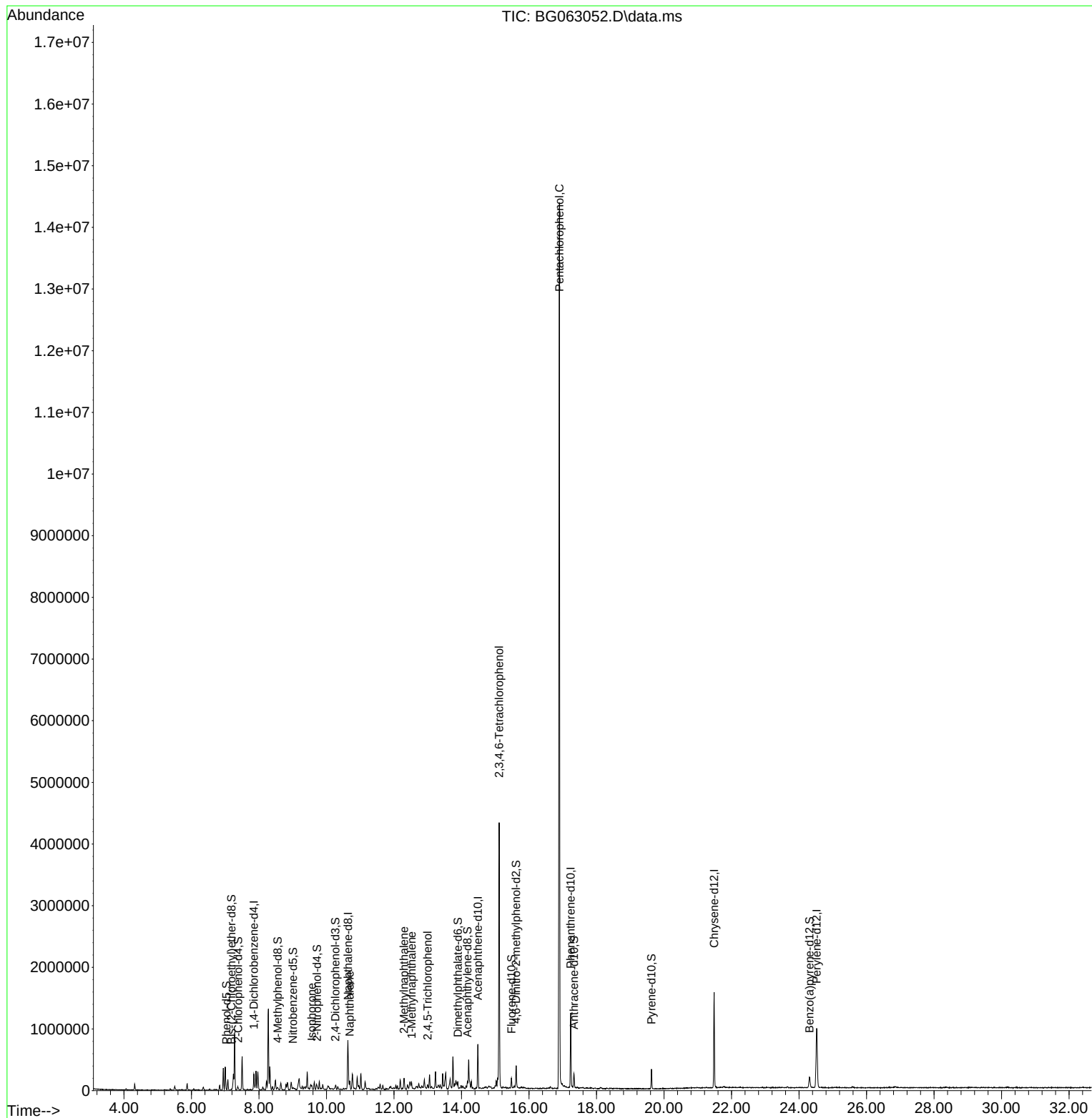
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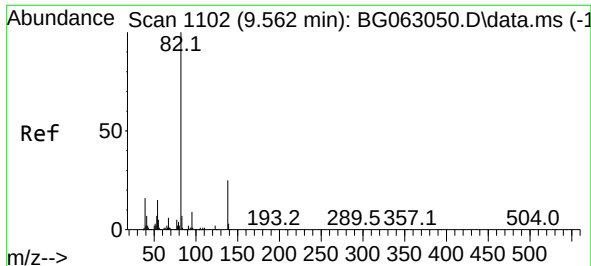
Instrument :
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Quant Time: Sep 26 04:38:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
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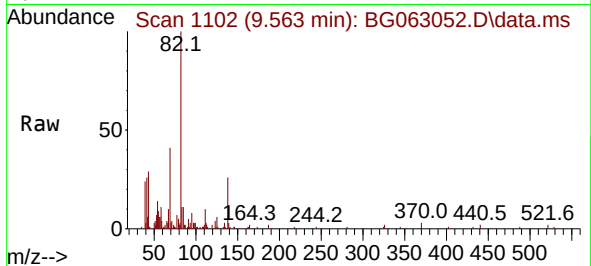
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024





#23
Isophorone
Concen: 3.111 ng/u1
RT: 9.563 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54

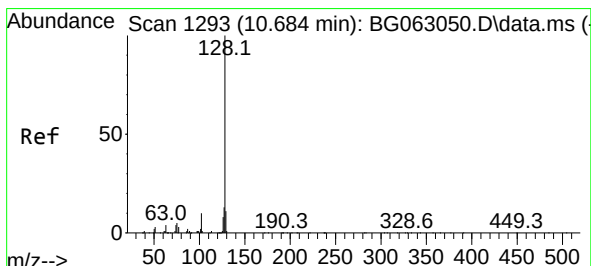
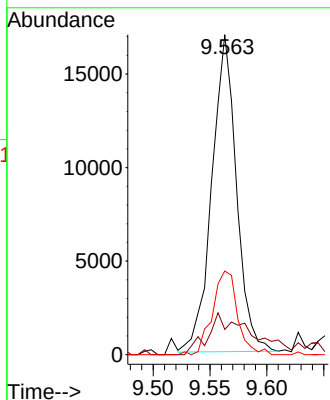
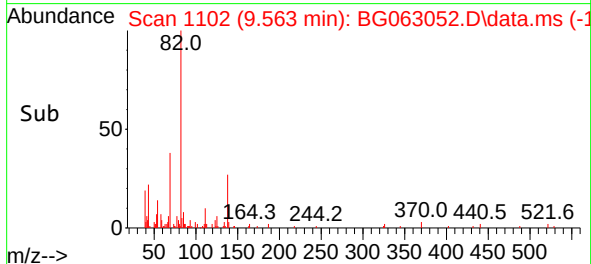
Instrument :
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ClientSampleId :
DDC46DL



Tgt Ion: 82 Resp: 2553
Ion Ratio Lower Upper
82 100
95 7.9 10.0 15.0
138 26.1 19.5 29.3

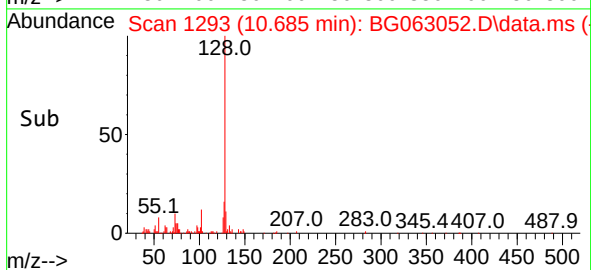
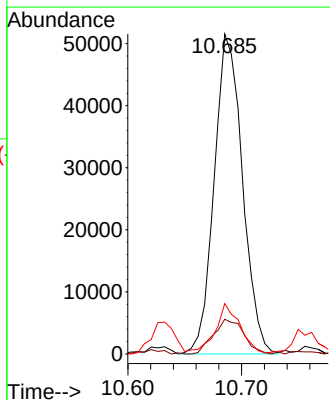
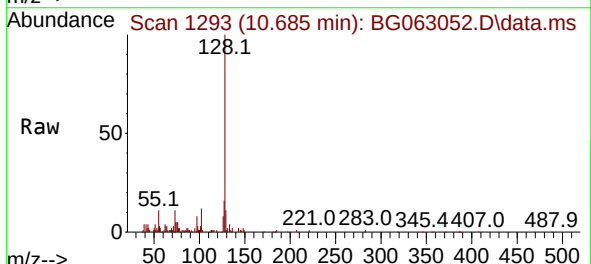
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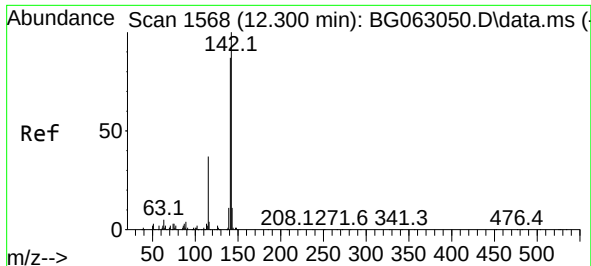
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#30
Naphthalene
Concen: 5.723 ng/u1
RT: 10.685 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54

Tgt Ion:128 Resp: 89089
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 15.8 10.7 16.1





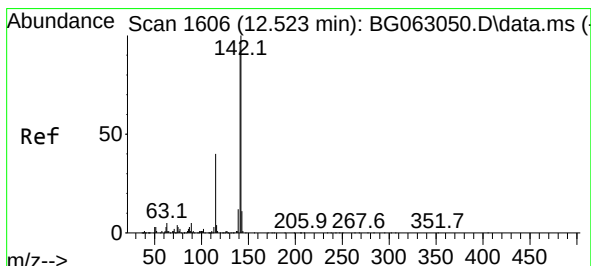
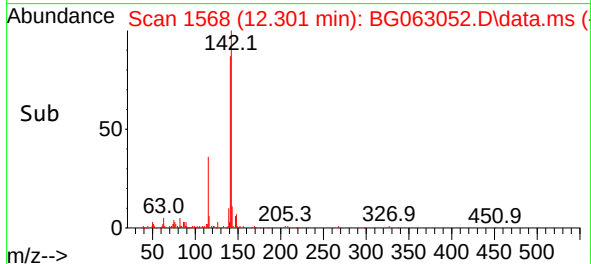
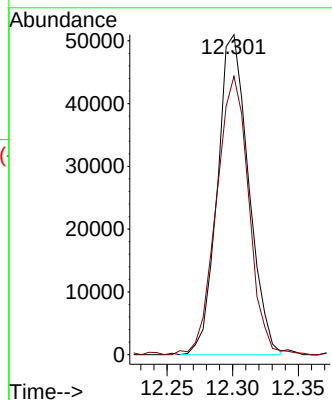
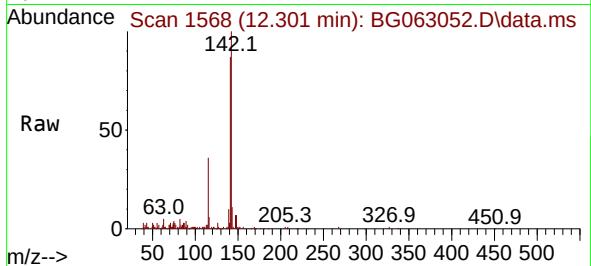
#36
2-Methylnaphthalene
Concen: 6.662 ng/ul
RT: 12.301 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54

Instrument :
BNA_G
ClientSampleId :
DDC46DL

Tgt Ion:142 Resp: 84120
Ion Ratio Lower Upper
142 100
141 87.0 75.8 113.8

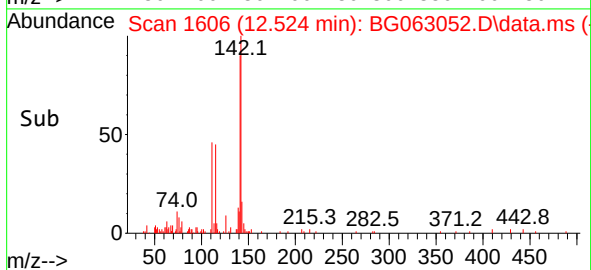
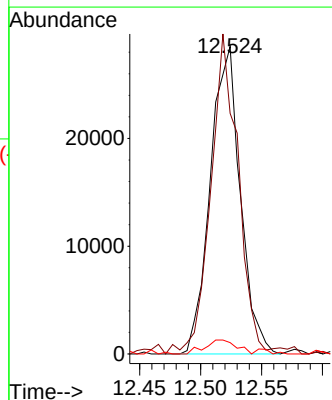
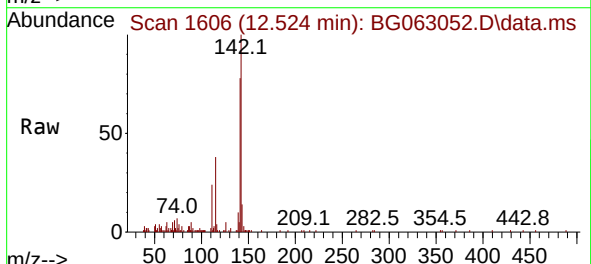
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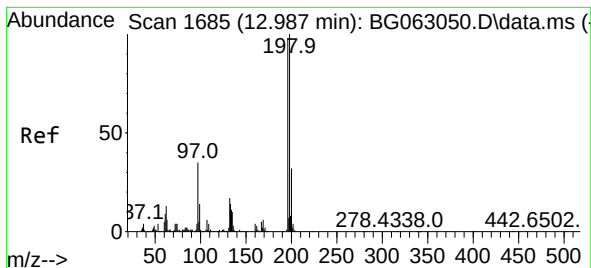
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#37
1-Methylnaphthalene
Concen: 3.829 ng/ul
RT: 12.524 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54

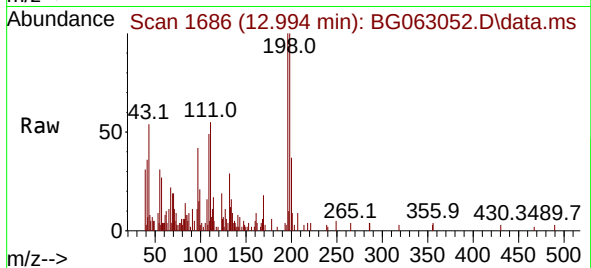
Tgt Ion:142 Resp: 48874
Ion Ratio Lower Upper
142 100
141 78.2 73.4 110.0
116 3.7 3.0 4.6





#42
2,4,5-Trichlorophenol
Concen: 1.797 ng/ul
RT: 12.994 min Scan# 1686
Delta R.T. 0.006 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54

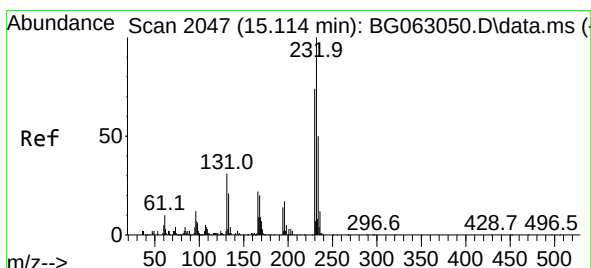
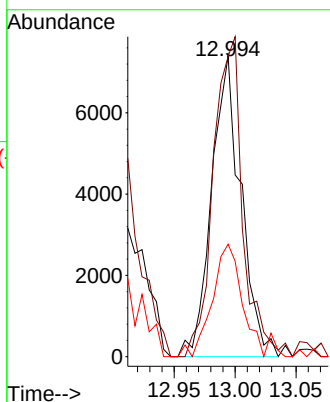
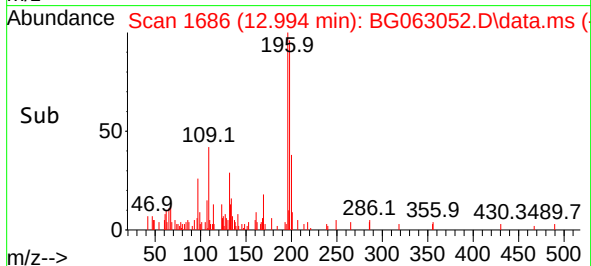
Instrument :
BNA_G
ClientSampleId :
DDC46DL



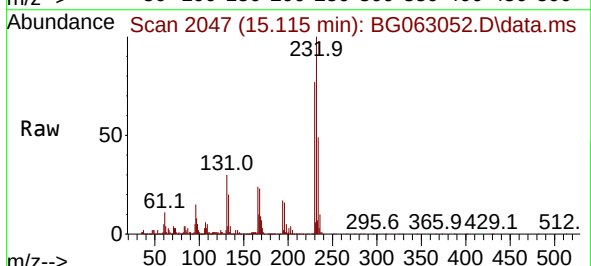
Tgt Ion:196 Resp: 12394
Ion Ratio Lower Upper
196 100
198 99.8 74.0 111.0
200 37.4 22.1 33.1

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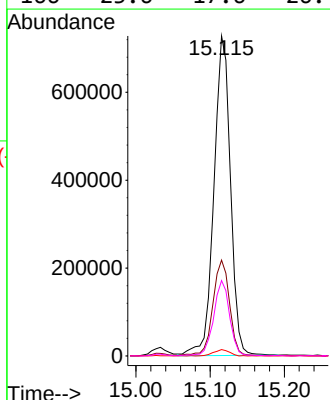
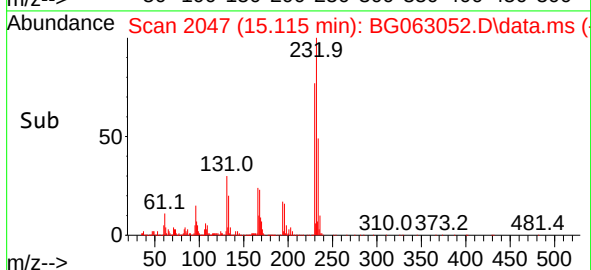
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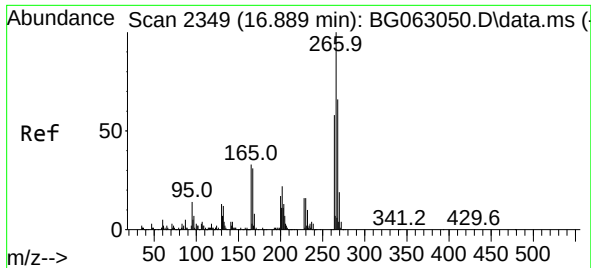


#58
2,3,4,6-Tetrachlorophenol
Concen: 152.812 ng/ul
RT: 15.115 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG063052.D
Acq: 26 Sep 2024 3:54



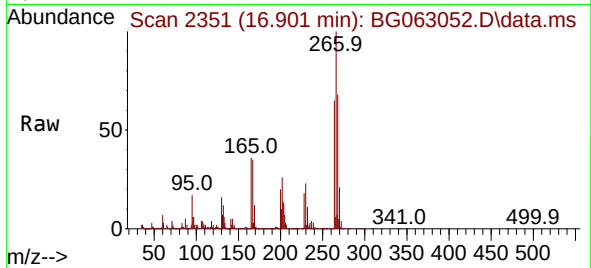
Tgt Ion:232 Resp: 1125837
Ion Ratio Lower Upper
232 100
131 29.9 25.8 38.6
130 2.0 1.9 2.9
166 23.6 17.6 26.4





#71
 Pentachlorophenol
 Concen: 442.084 ng/ul
 RT: 16.901 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BG063052.D
 Acq: 26 Sep 2024 3:54

Instrument :
 BNA_G
 ClientSampleId :
 DDC46DL



Tgt Ion:266 Resp: 312589
 Ion Ratio Lower Upper
 266 100
 264 65.1 57.7 86.5
 268 68.3 57.3 85.9

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