

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063060.D
 Acq On : 26 Sep 2024 11:49
 Operator : RC/JU
 Sample : P3879-10DL2 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4DL2

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 12:41:15 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	7.848	152	93810	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.638	136	379430	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.481	164	342230	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.237	188	926142	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.485	240	1264456	20.000	ng/ul	# 0.00
88) Perylene-d12	24.522	264	1482529	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.383	132	4932	0.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.559	113	3053	0.584	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	2336	0.837	ng/ul	0.00
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.268	165	5147	0.692	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.888	166	26209	0.963	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	24538	0.851	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.480	176	23611	0.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	3048	0.471	ng/ul	0.00
73) Anthracene-d10	17.331	188	43471	0.978	ng/ul	0.00
81) Pyrene-d10	19.628	212	61982	0.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.311	264	63245	0.797	ng/ul	0.00
Target Compounds						
23) Isophorone	9.563	82	87245	8.577	ng/ul	95
29) 2,4-Dichlorophenol	10.292	162	7259	1.020	ng/ul	94
30) Naphthalene	10.691	128	37091	1.923	ng/ul	96
36) 2-Methylnaphthalene	12.307	142	21067m	1.347	ng/ul	
41) 2,4,6-Trichlorophenol	12.918	196	8738	1.143	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	407258	45.349	ng/ul#	97
71) Pentachlorophenol	16.890	266	739596	93.856	ng/ul	91

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

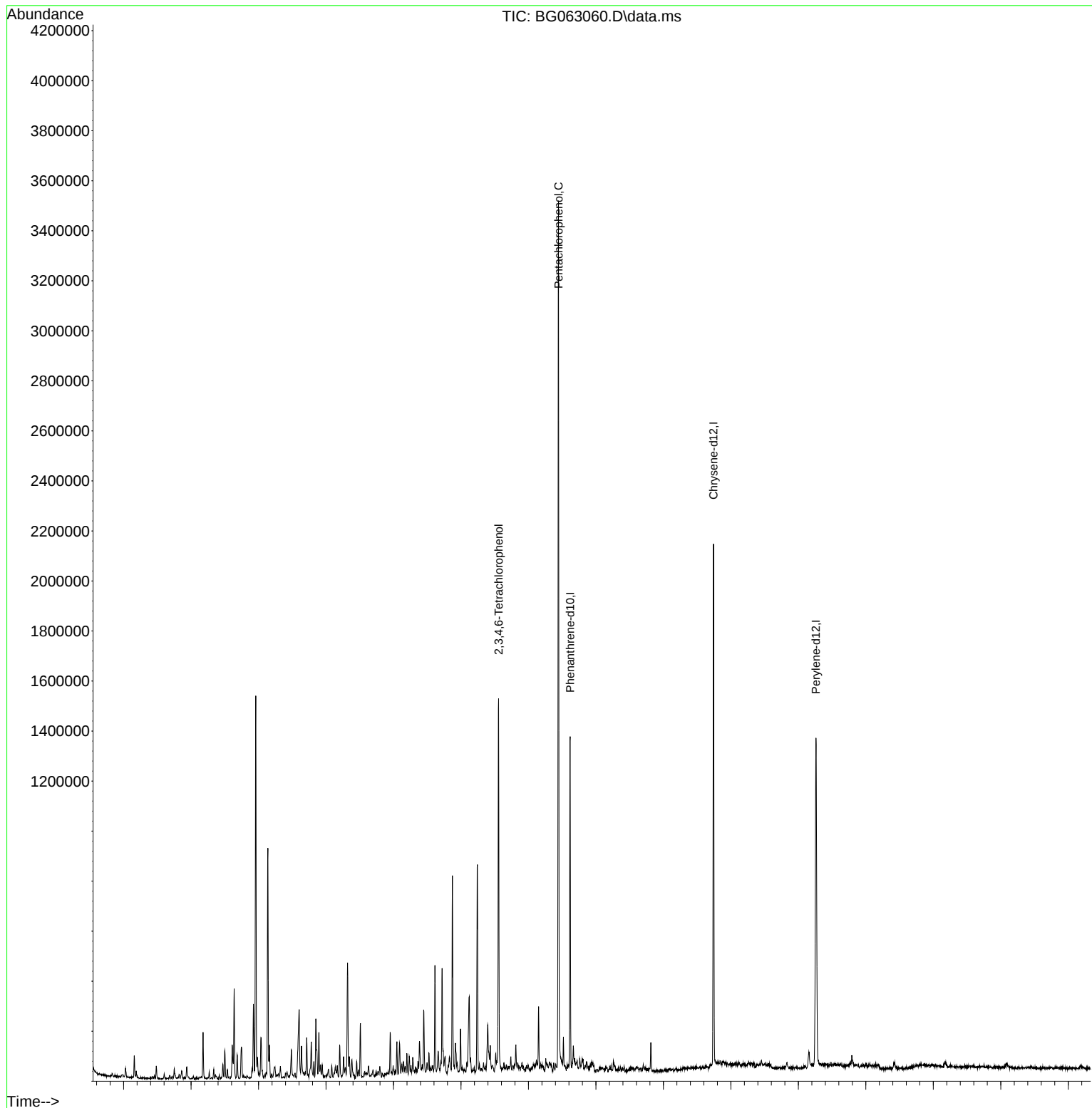
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
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ALS Vial : 29 Sample Multiplier: 1

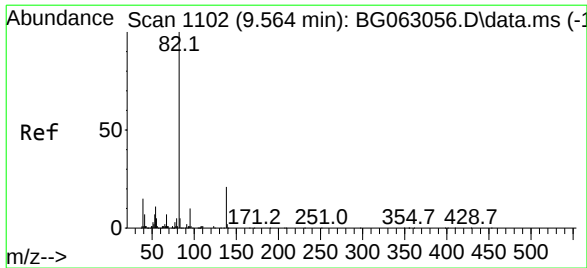
Instrument :
BNA_G
ClientSampleId :
DDCJ4DL2

Quant Time: Sep 26 12:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
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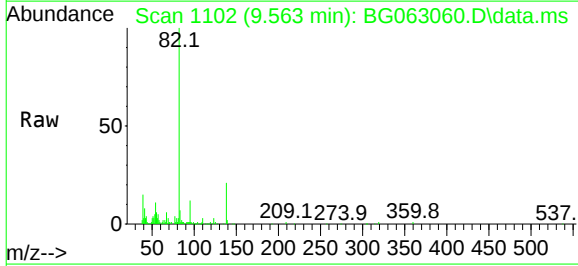
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/27/2024





#23
Isophorone
Concen: 8.577 ng/u1
RT: 9.563 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49

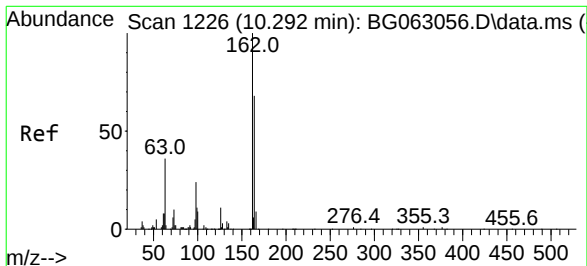
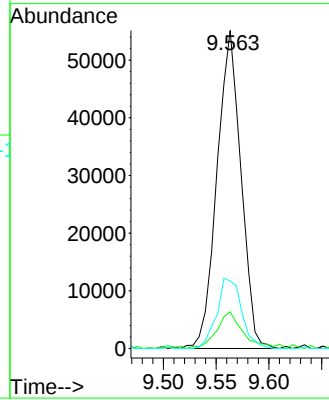
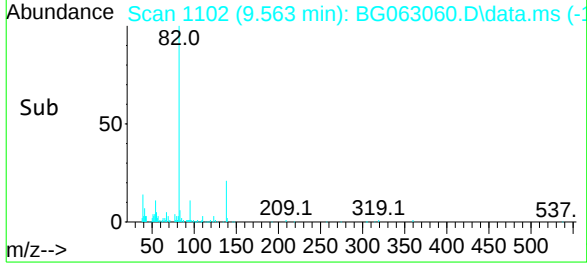
Instrument :
BNA_G
ClientSampleId :
DDCJ4DL2



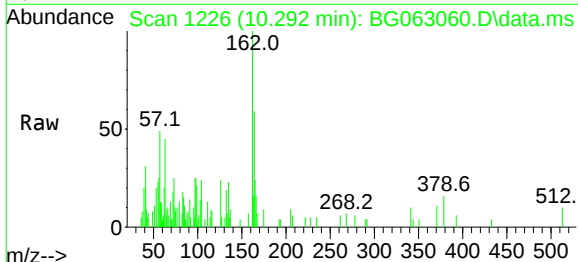
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Ion Ratio Lower Upper
82 100
95 11.5 10.0 15.0
138 21.2 19.5 29.3

Manual Integrations
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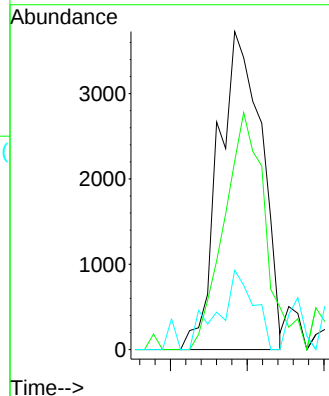
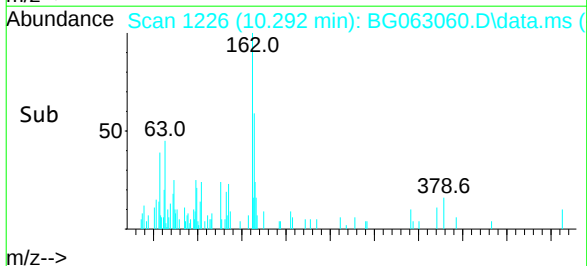
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Supervised By :mohammad ahmed 09/27/2024

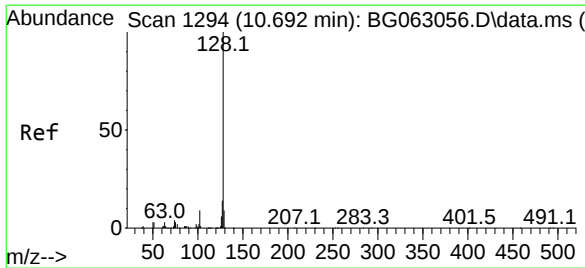


#29
2,4-Dichlorophenol
Concen: 1.020 ng/u1
RT: 10.292 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49



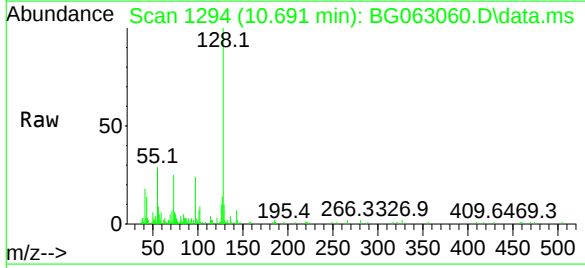
Tgt Ion:162 Resp: 7259
Ion Ratio Lower Upper
162 100
164 59.3 52.6 78.8
98 24.9 20.0 30.0





#30
Naphthalene
Concen: 1.923 ng/u1
RT: 10.691 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49

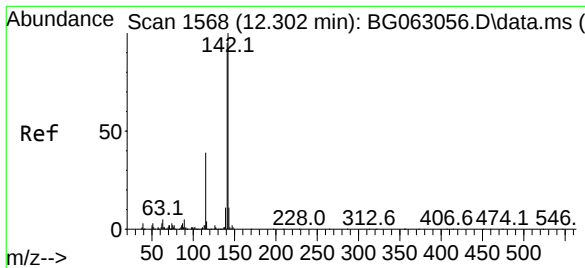
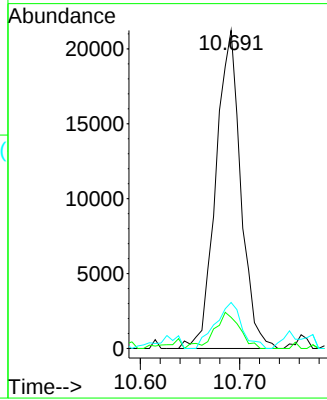
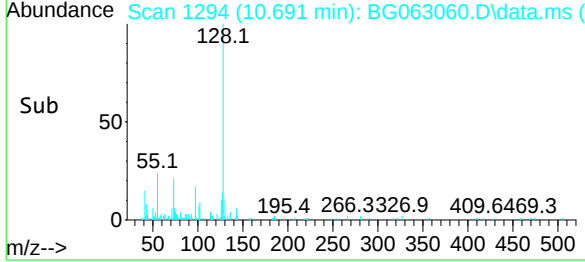
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.3	13.9
127	14.5	10.7	16.1

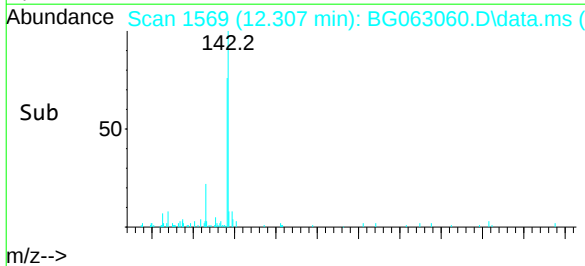
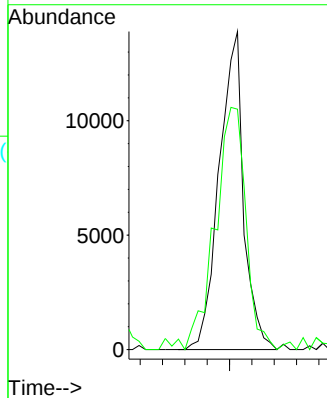
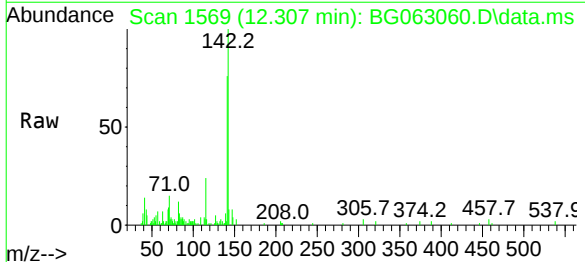
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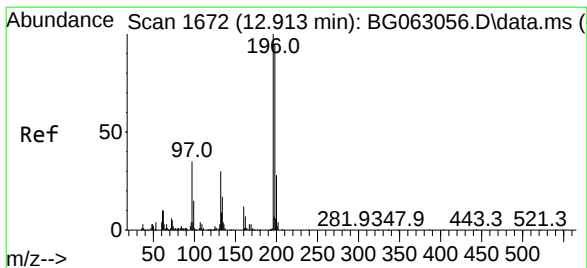
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/27/2024



#36
2-Methylnaphthalene
Concen: 1.347 ng/u1 m
RT: 12.307 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.6	75.8	113.8#





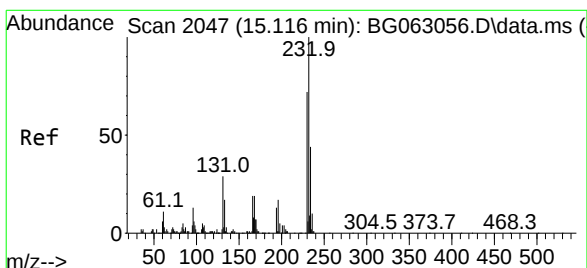
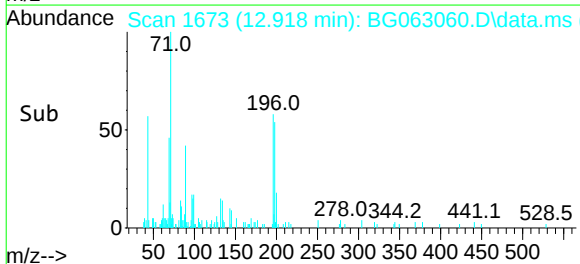
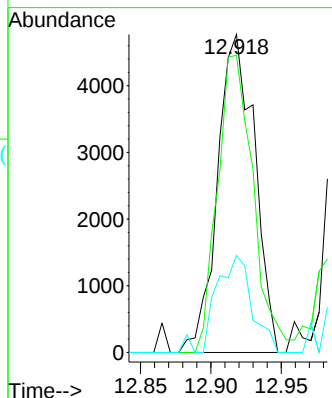
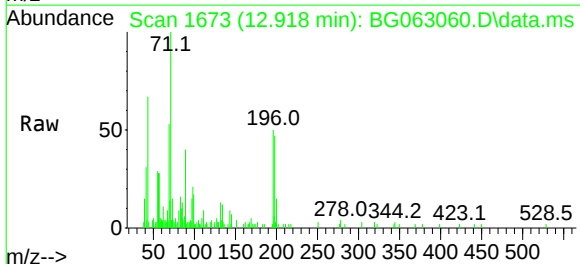
#41
2,4,6-Trichlorophenol
Concen: 1.143 ng/ul
RT: 12.918 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.6	116.4
200	30.5	25.1	37.7

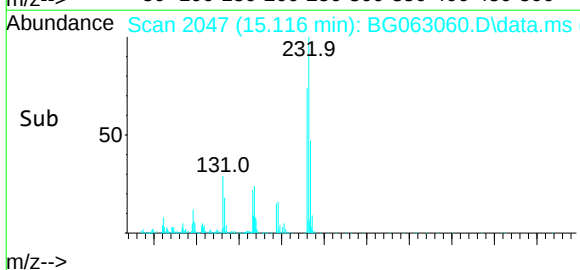
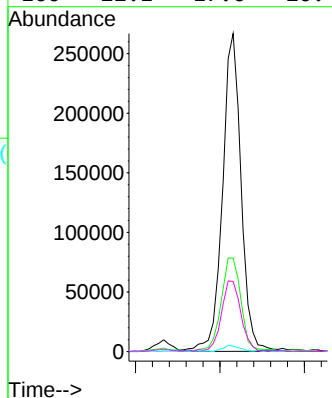
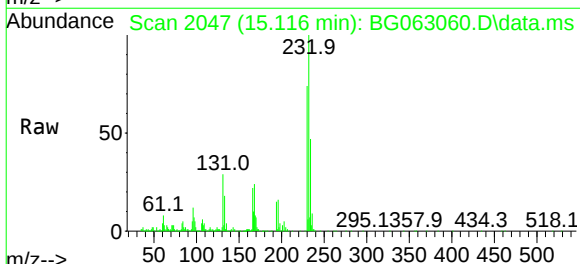
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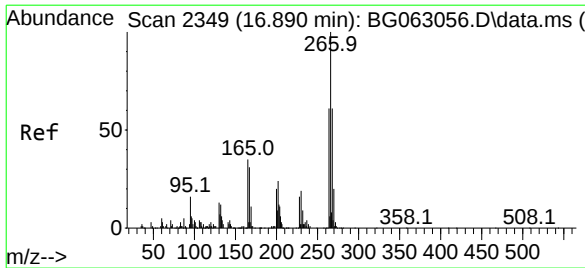
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.349 ng/ul
RT: 15.116 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG063060.D
Acq: 26 Sep 2024 11:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.4	25.8	38.6
130	1.7	1.9	2.9#
166	22.1	17.6	26.4





#71
 Pentachlorophenol
 Concen: 93.856 ng/ul
 RT: 16.890 min Scan# 2349
 Delta R.T. 0.000 min
 Lab File: BG063060.D
 Acq: 26 Sep 2024 11:49

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4DL2

Tgt	Ion	266	Resp:	739596
Ion	Ratio	Lower	Upper	
266	100			
264	63.7	57.7	86.5	
268	65.4	57.3	85.9	

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