

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063048.D
 Acq On : 26 Sep 2024 00:37
 Operator : RC/JU
 Sample : P3879-11DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DCVZ9DL

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 27 00:05:14 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	7.849	152	102130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	443875	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.488	164	419336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	1088984	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240	1291076	20.000	ng/ul	# 0.00
88) Perylene-d12	24.523	264	1462824	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	7.044	99	14320m	2.270	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.185	67	10834	4.396	ng/ul	0.00
11) 2-Chlorophenol-d4	7.396	132	25869	4.174	ng/ul	0.01
15) 4-Methylphenol-d8	8.566	113	22135	3.887	ng/ul	0.00
21) Nitrobenzene-d5	9.000	128	12357	3.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.717	143	16007	3.840	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	38721	4.451	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.889	166	140958	4.228	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	144631	4.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.705	143	11156	2.219	ng/ul	0.01
60) Fluorene-d10	15.481	176	127406	4.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.332	188	242928	4.650	ng/ul	0.00
81) Pyrene-d10	19.629	212	322188	4.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.312	264	337355	4.306	ng/ul	0.00
Target Compounds						
					Qvalue	
23) Isophorone	9.564	82	289061	24.293	ng/ul#	96
29) 2,4-Dichlorophenol	10.299	162	10839	1.302	ng/ul	94
30) Naphthalene	10.692	128	264052	11.703	ng/ul	97
36) 2-Methylnaphthalene	12.302	142	165093	9.021	ng/ul	96
37) 1-Methylnaphthalene	12.520	142	104050	5.625	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.919	196	19015	2.029	ng/ul#	89
42) 2,4,5-Trichlorophenol	12.996	196	72833	7.072	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.123	232	2187183	198.763	ng/ul	98
71) Pentachlorophenol	16.909	266	5046698	544.665	ng/ul	99

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

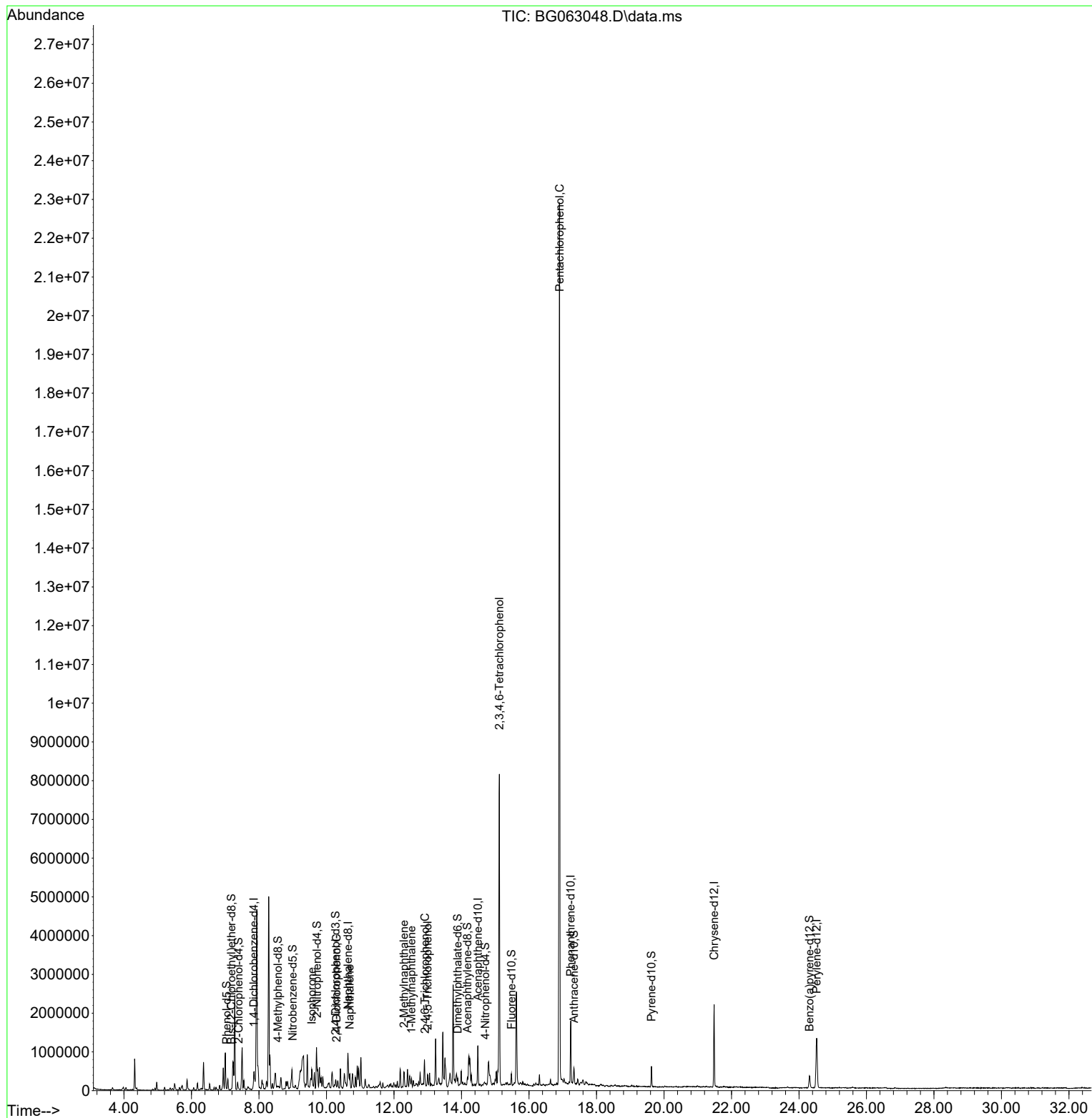
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063048.D
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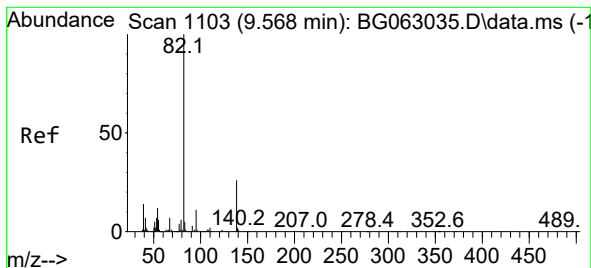
Instrument :
BNA_G
ClientSampleId :
DCVZ9DL

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Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 27 00:05:14 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





#23

Isophorone

Concen: 24.293 ng/ul

RT: 9.564 min Scan# 1103

Delta R.T. 0.001 min

Lab File: BG063048.D

Acq: 26 Sep 2024 00:37

Instrument :

BNL_G

ClientSampleId :

DCVZ9DL

Tgt Ion: 82 Resp: 28906

Ion Ratio Lower Upper

82 100

95 8.6 10.0 15.0

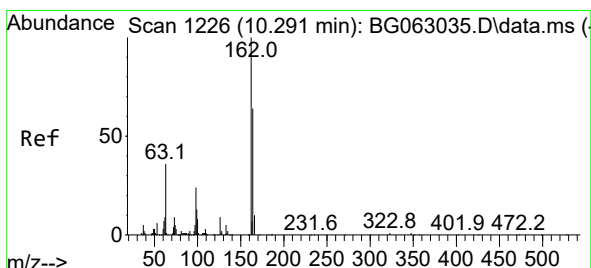
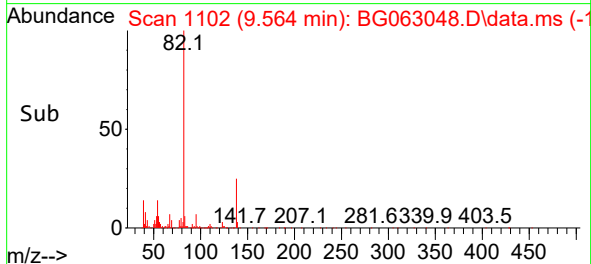
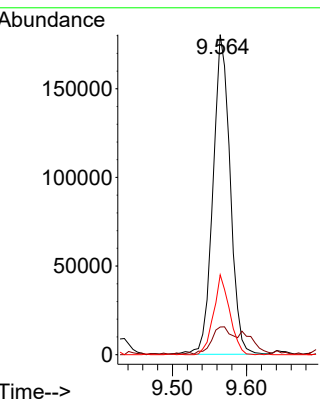
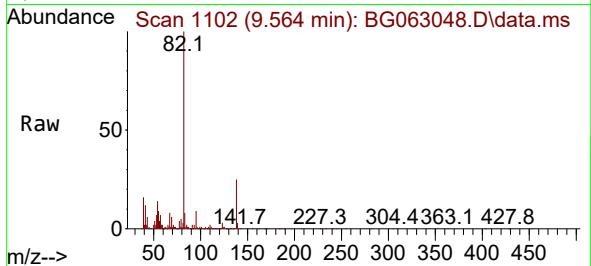
138 25.0 19.5 29.3

Manual Integrations

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#29

2,4-Dichlorophenol

Concen: 1.302 ng/ul

RT: 10.299 min Scan# 1227

Delta R.T. 0.007 min

Lab File: BG063048.D

Acq: 26 Sep 2024 00:37

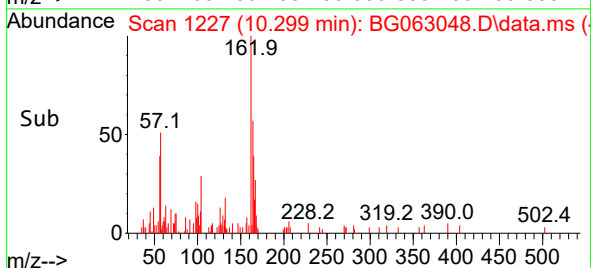
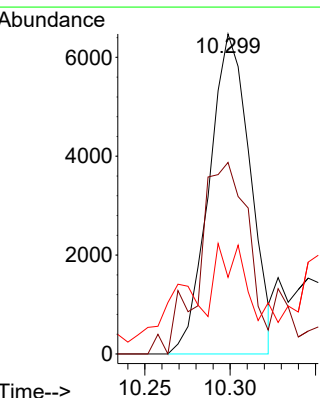
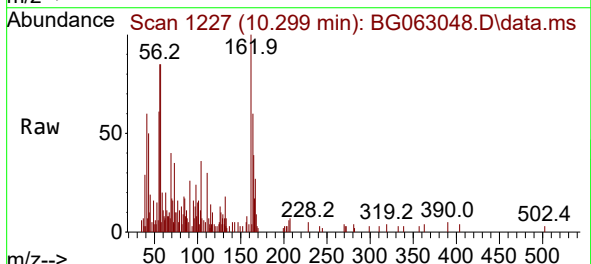
Tgt Ion:162 Resp: 10839

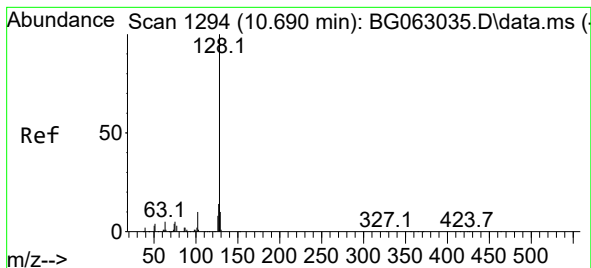
Ion Ratio Lower Upper

162 100

164 59.9 52.6 78.8

98 24.0 20.0 30.0





#30

Naphthalene

Concen: 11.703 ng/ul

RT: 10.692 min Scan# 1294

Delta R.T. 0.001 min

Lab File: BG063048.D

Acq: 26 Sep 2024 00:37

Instrument :

BNL_G

ClientSampleId :

DCVZ9DL

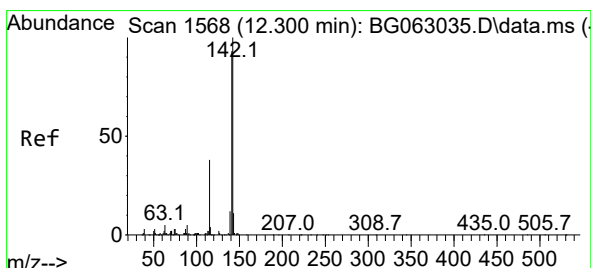
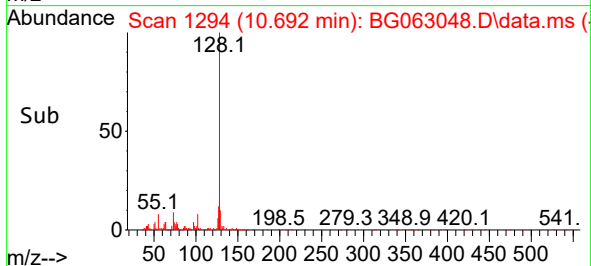
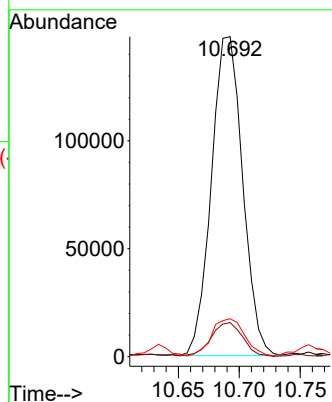
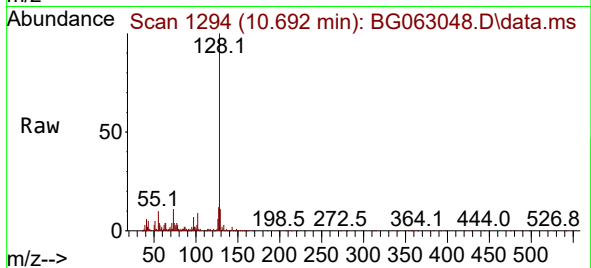
Tgt Ion:	128	Resp:	264052
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.3	13.9
127	11.8	10.7	16.1

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#36

2-Methylnaphthalene

Concen: 9.021 ng/ul

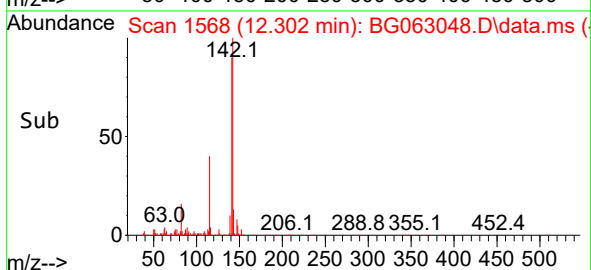
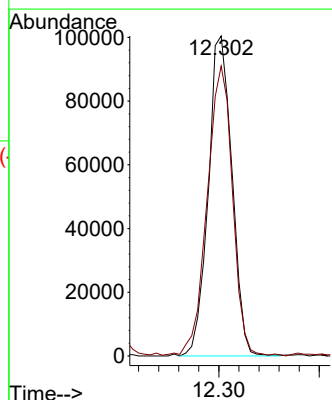
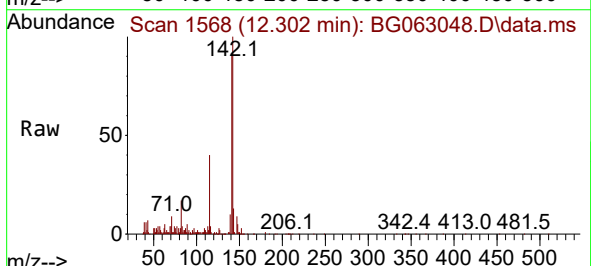
RT: 12.302 min Scan# 1568

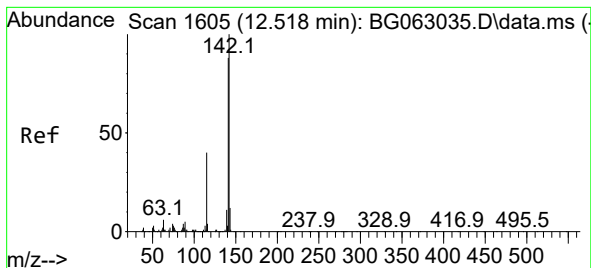
Delta R.T. 0.001 min

Lab File: BG063048.D

Acq: 26 Sep 2024 00:37

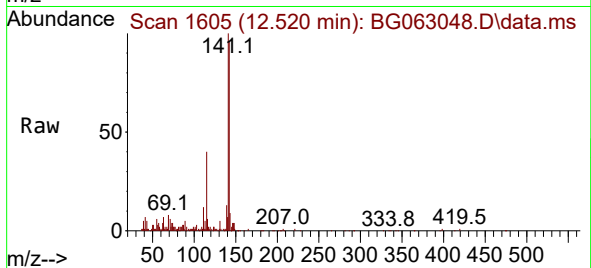
Tgt Ion:	142	Resp:	165093
Ion Ratio	Lower	Upper	
142	100		
141	90.6	75.8	113.8





#37
1-Methylnaphthalene
Concen: 5.625 ng/ul
RT: 12.520 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BG063048.D
Acq: 26 Sep 2024 00:37

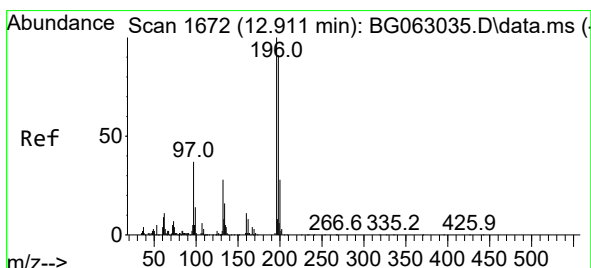
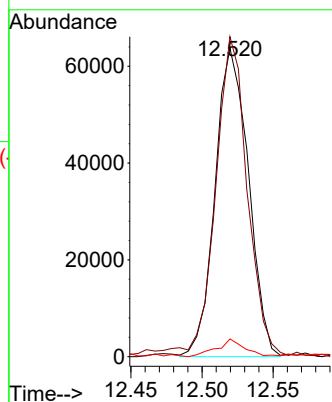
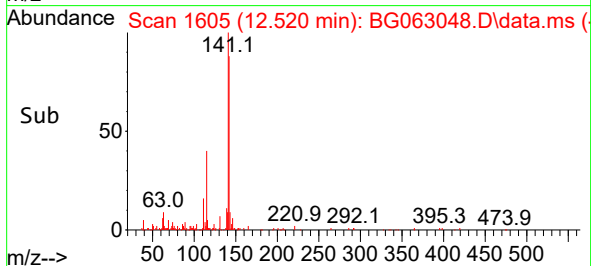
Instrument :
BNA_G
ClientSampleId :
DCVZ9DL



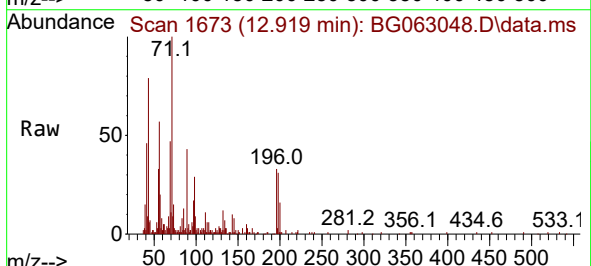
Tgt Ion:142 Resp: 104050
Ion Ratio Lower Upper
142 100
141 103.7 73.4 110.0
116 5.8 3.0 4.6

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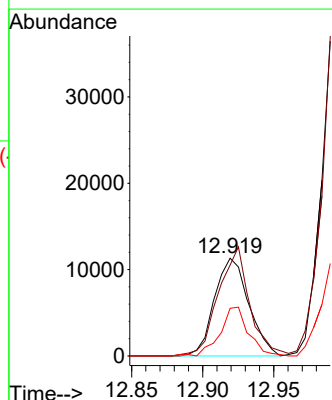
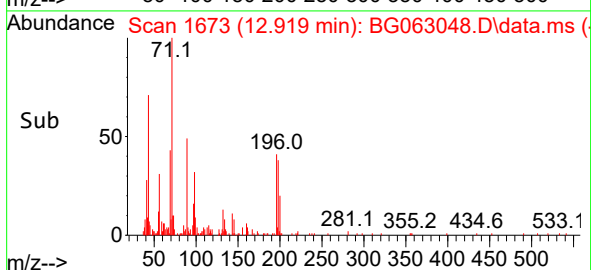
Reviewed By :Yogesh Patel 09/26/2024
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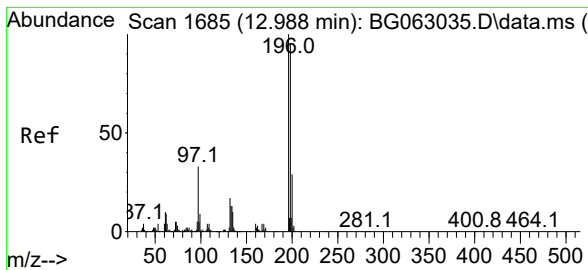


#41
2,4,6-Trichlorophenol
Concen: 2.029 ng/ul
RT: 12.919 min Scan# 1673
Delta R.T. 0.001 min
Lab File: BG063048.D
Acq: 26 Sep 2024 00:37



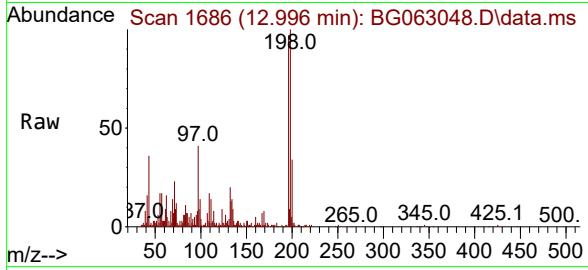
Tgt Ion:196 Resp: 19015
Ion Ratio Lower Upper
196 100
198 93.0 77.6 116.4
200 48.7 25.1 37.7





#42
2,4,5-Trichlorophenol
Concen: 7.072 ng/ul
RT: 12.996 min Scan# 10
Delta R.T. 0.007 min
Lab File: BG063048.D
Acq: 26 Sep 2024 00:37

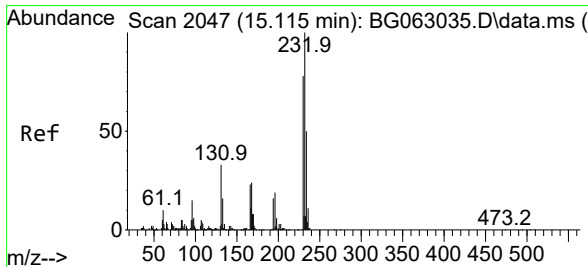
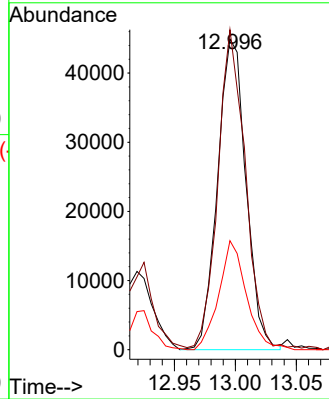
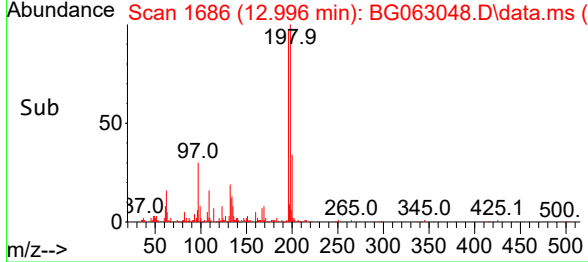
Instrument :
BNA_G
ClientSampleId :
DCVZ9DL



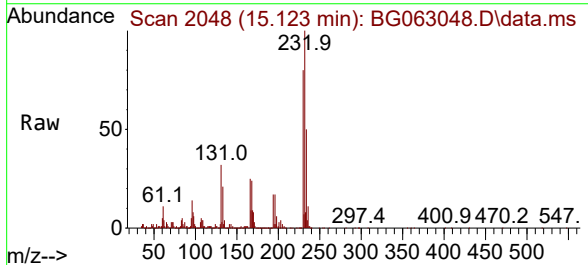
Tgt Ion:196 Resp: 7283
Ion Ratio Lower Upper
196 100
198 103.0 74.0 111.0
200 35.1 22.1 33.1

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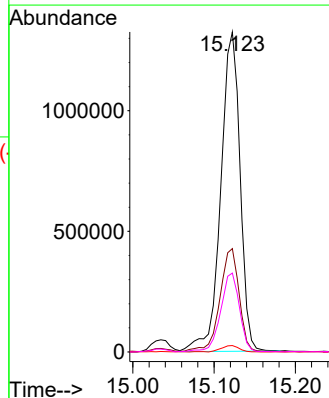
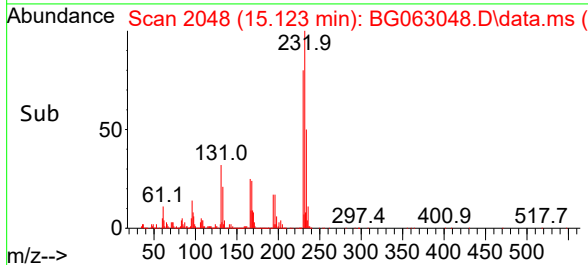
Reviewed By :Yogesh Patel 09/26/2024
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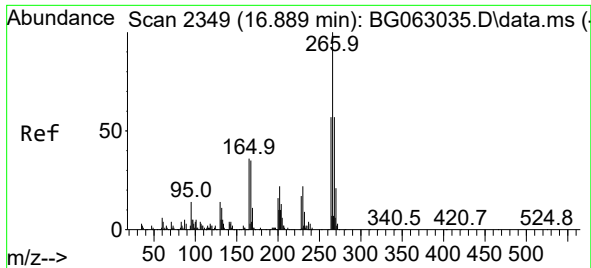


#58
2,3,4,6-Tetrachlorophenol
Concen: 198.763 ng/ul
RT: 15.123 min Scan# 2048
Delta R.T. 0.007 min
Lab File: BG063048.D
Acq: 26 Sep 2024 00:37



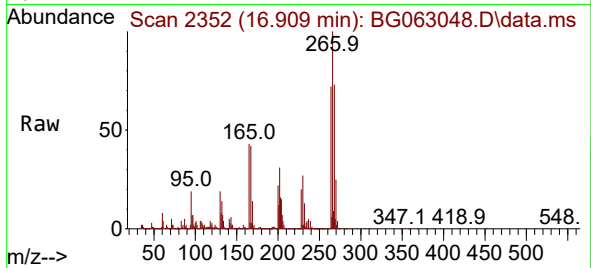
Tgt Ion:232 Resp: 2187183
Ion Ratio Lower Upper
232 100
131 32.3 25.8 38.6
130 2.0 1.9 2.9
166 24.7 17.6 26.4





#71
 Pentachlorophenol
 Concen: 544.665 ng/ul
 RT: 16.909 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: BG063048.D
 Acq: 26 Sep 2024 00:37

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9DL



Tgt Ion:266 Resp: 5046698
 Ion Ratio Lower Upper
 266 100
 264 71.7 57.7 86.5
 268 73.2 57.3 85.9

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