

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063002.D
 Acq On : 23 Sep 2024 21:08
 Operator : RC/JU
 Sample : P3879-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 23 23:25:20 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	7.864	152	15905	20.000	ng/ul	0.01
20) Naphthalene-d8	10.655	136	62616	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.492	164	51502	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	123452	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.490	240	145695	20.000	ng/ul	# 0.00
88) Perylene-d12	24.533	264	177741	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2133	3.928	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.130	99	26165m	15.854	ng/ul	0.10
9) Bis-(2-Chloroethyl)eth...	7.195	67	24736	26.783	ng/ul	0.01
11) 2-Chlorophenol-d4	7.430	132	41460	38.263	ng/ul	0.04
15) 4-Methylphenol-d8	8.628	113	37654m	31.144	ng/ul	0.06
21) Nitrobenzene-d5	9.022	128	19983	40.059	ng/ul	0.02
24) 2-Nitrophenol-d4	9.739	143	21605	38.176	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.320	165	48426	41.243	ng/ul	0.05
31) 4-Chloroaniline-d4	10.779	131	11730	8.027	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	148840	38.863	ng/ul	0.01
49) Acenaphthylene-d8	14.186	160	159208	37.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	9624m	15.681	ng/ul	0.07
60) Fluorene-d10	15.497	176	139551	39.133	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.614	200	34788	46.616	ng/ul	0.01
73) Anthracene-d10	17.353	188	227931	39.066	ng/ul	0.02
81) Pyrene-d10	19.639	212	329213	37.308	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.322	264	377688	40.292	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.598	82	303161	102.791	ng/ul#	94
30) Naphthalene	10.708	128	263481	75.784	ng/ul#	95
36) 2-Methylnaphthalene	12.312	142	164011	65.463	ng/ul	92
37) 1-Methylnaphthalene	12.535	142	107268	42.306	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.947	196	12557	11.040	ng/ul	94
42) 2,4,5-Trichlorophenol	13.029	196	19990	16.730	ng/ul	98
43) 1,1'-Biphenyl	13.323	154	16703	4.366	ng/ul#	82
47) Dimethylphthalate	13.946	163	11240	2.869	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.168	232	2709128	2519.515	ng/ul#	95
61) Fluorene	15.544	166	8928	2.405	ng/ul	96
71) Pentachlorophenol	16.989	266	9963333	11026.100	ng/ul#	78
72) Phenanthrene	17.300	178	20133	3.070	ng/ul#	91

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

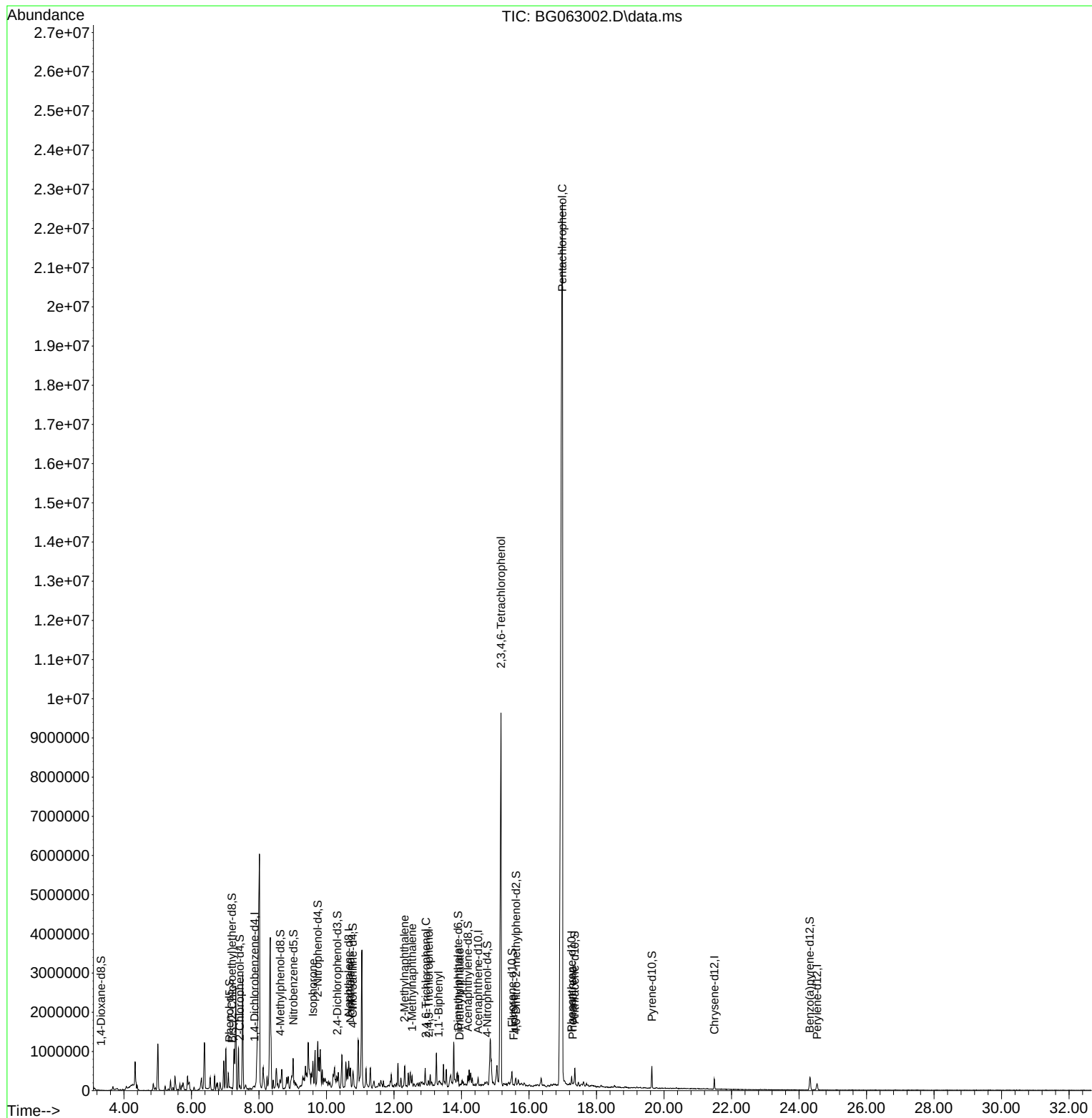
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063002.D
Acq On : 23 Sep 2024 21:08
Operator : RC/JU
Sample : P3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

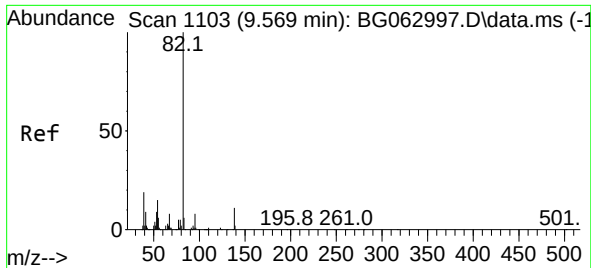
Instrument :
BNA_G
ClientSampleId :
DCVY6

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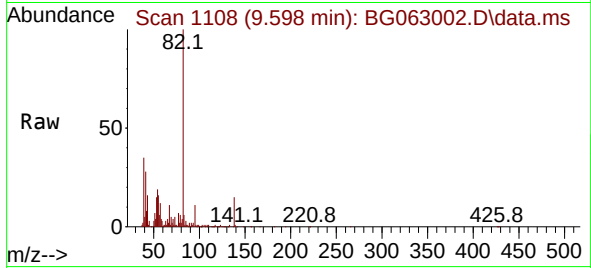
Quant Time: Sep 23 23:25:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#23
Isophorone
Concen: 102.791 ng/uI
RT: 9.598 min Scan# 1103
Delta R.T. 0.028 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

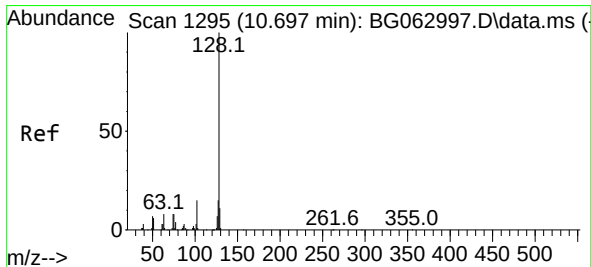
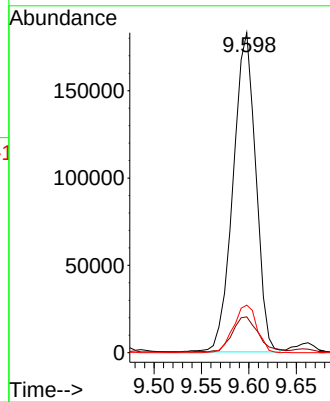
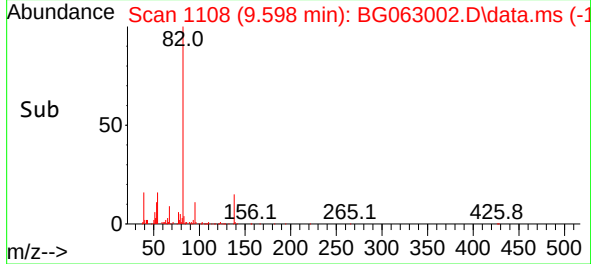
Instrument :
BNA_G
ClientSampleId :
DCVY6



Tgt Ion: 82 Resp: 30316
Ion Ratio Lower Upper
82 100
95 11.2 6.2 9.4
138 14.9 10.9 16.3

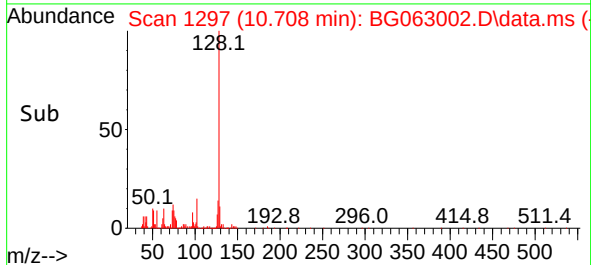
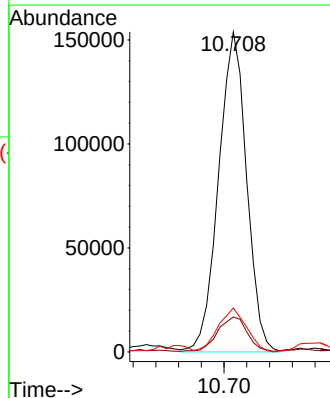
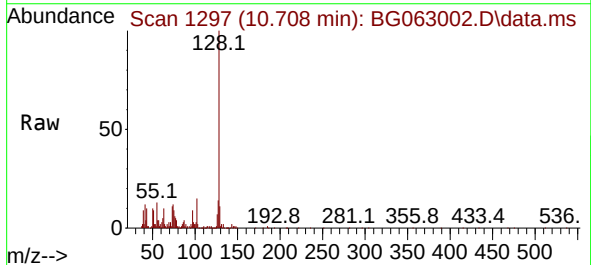
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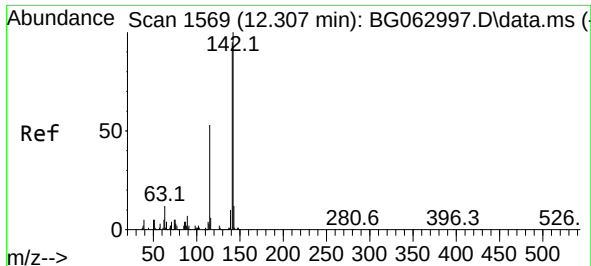
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Naphthalene
Concen: 75.784 ng/uI
RT: 10.708 min Scan# 1297
Delta R.T. 0.011 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

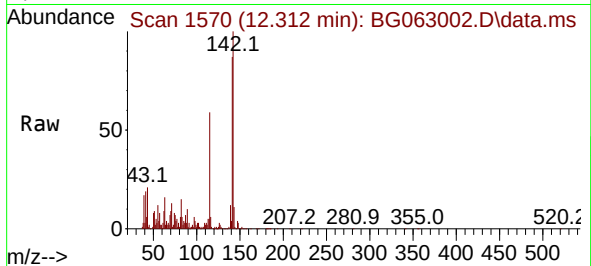
Tgt Ion:128 Resp: 263481
Ion Ratio Lower Upper
128 100
129 10.9 7.1 10.7
127 13.8 9.4 14.2





#36
2-Methylnaphthalene
Concen: 65.463 ng/ul
RT: 12.312 min Scan# 1569
Delta R.T. 0.005 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

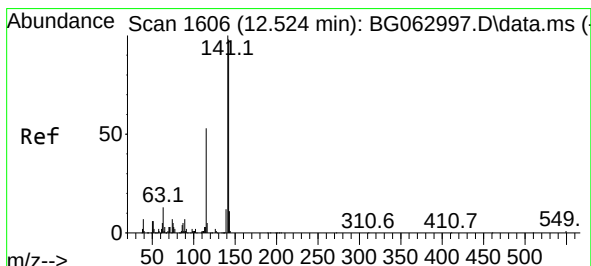
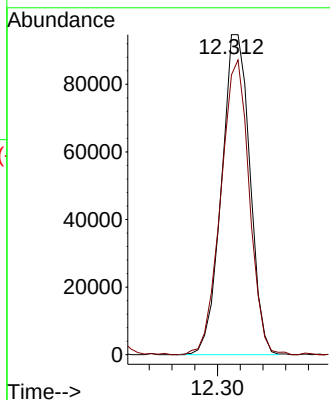
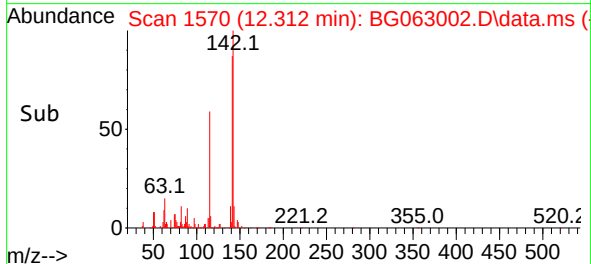
Instrument :
BNA_G
ClientSampleId :
DCVY6



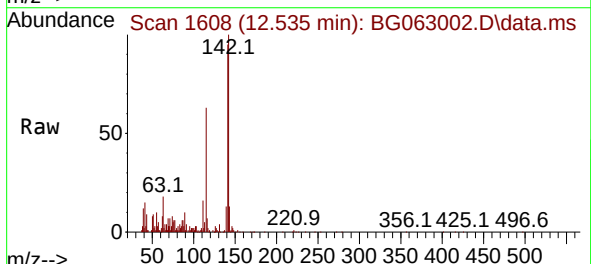
Tgt Ion:142 Resp: 16401
Ion Ratio Lower Upper
142 100
141 87.4 76.5 114.7

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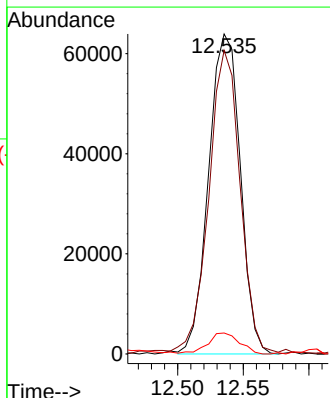
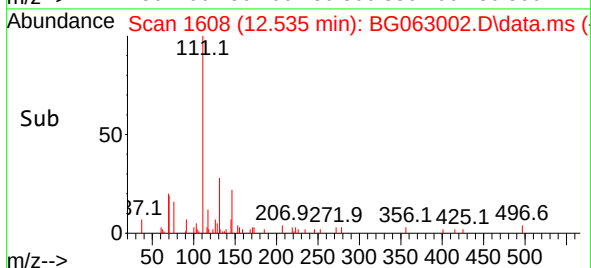
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

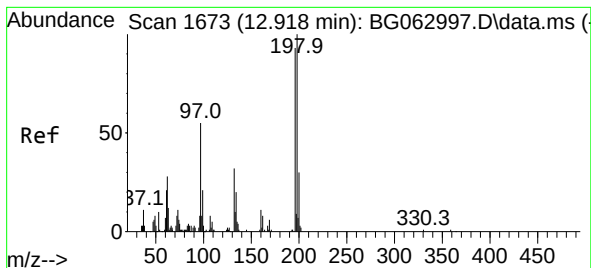


#37
1-Methylnaphthalene
Concen: 42.306 ng/ul
RT: 12.535 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08



Tgt Ion:142 Resp: 107268
Ion Ratio Lower Upper
142 100
141 94.9 74.1 111.1
116 6.6 3.6 5.4#





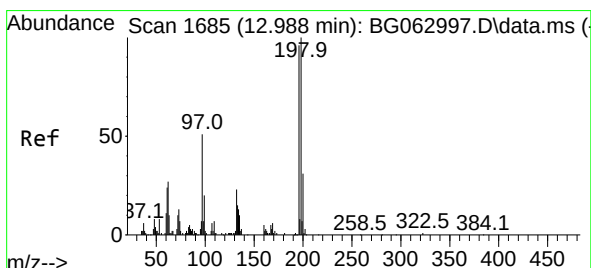
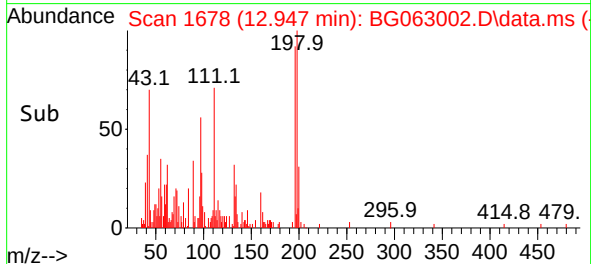
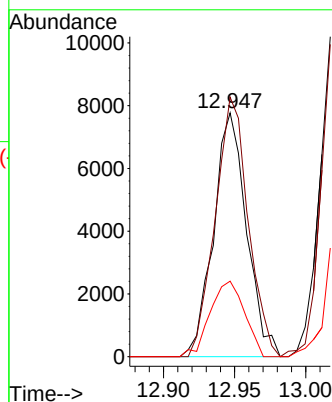
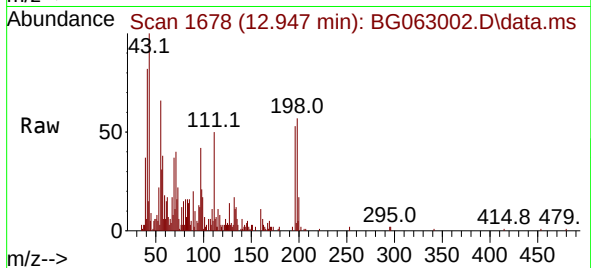
#41
2,4,6-Trichlorophenol
Concen: 11.040 ng/ul
RT: 12.947 min Scan# 1692
Delta R.T. 0.028 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

Instrument :
BNA_G
ClientSampleId :
DCVY6

Tgt Ion:196 Resp: 1255
Ion Ratio Lower Upper
196 100
198 106.4 81.8 122.6
200 31.0 30.5 45.7

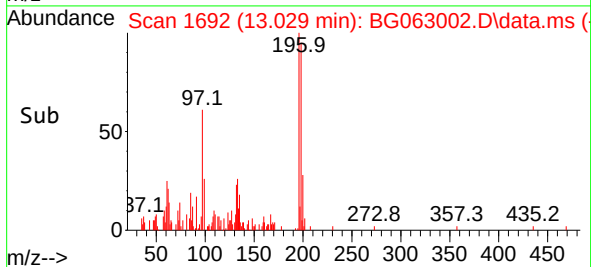
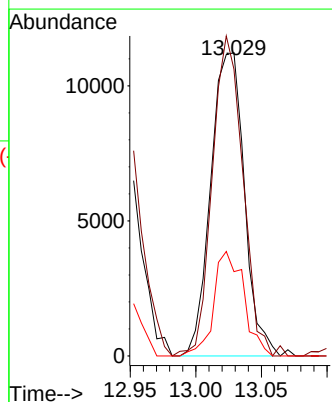
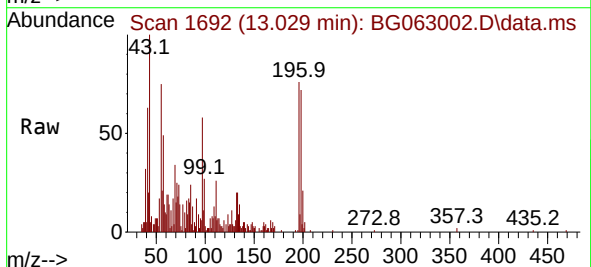
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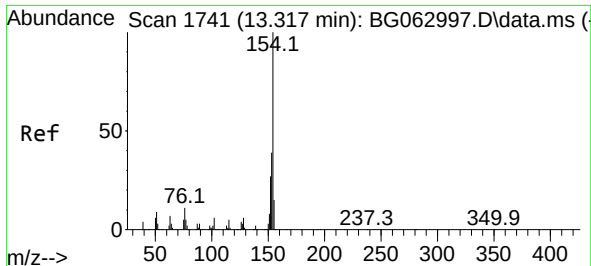
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#42
2,4,5-Trichlorophenol
Concen: 16.730 ng/ul
RT: 13.029 min Scan# 1692
Delta R.T. 0.034 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

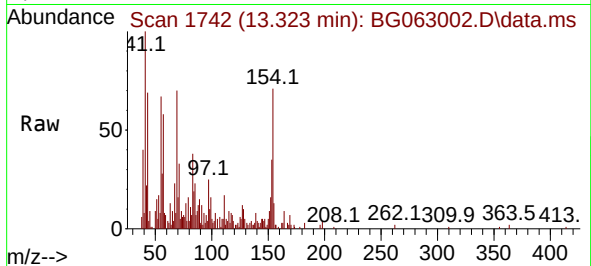
Tgt Ion:196 Resp: 19990
Ion Ratio Lower Upper
196 100
198 94.6 75.5 113.3
200 27.8 25.5 38.3





#43
1,1'-Biphenyl
Concen: 4.366 ng/ul
RT: 13.323 min Scan# 1742
Delta R.T. 0.005 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

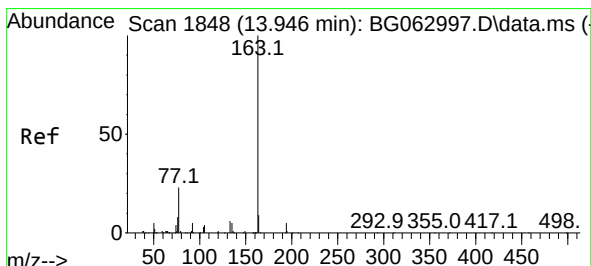
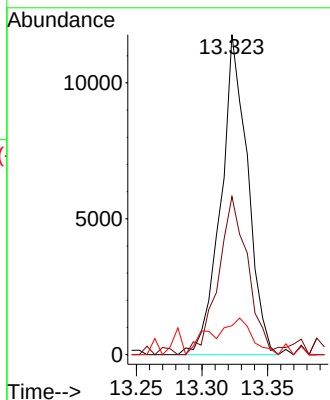
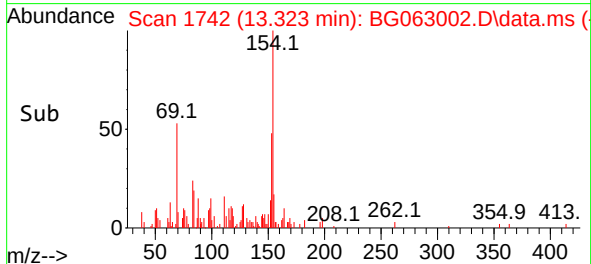
Instrument :
BNA_G
ClientSampleId :
DCVY6



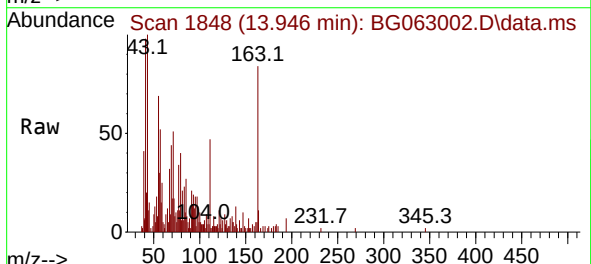
Tgt Ion:154 Resp: 1670
Ion Ratio Lower Upper
154 100
153 49.4 30.3 45.5
76 9.1 11.9 17.9

Manual Integrations
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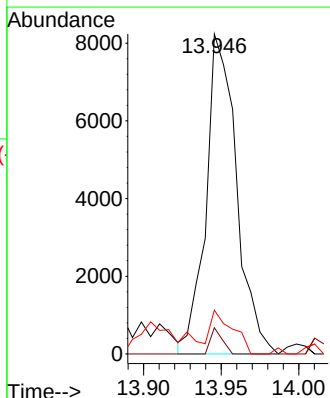
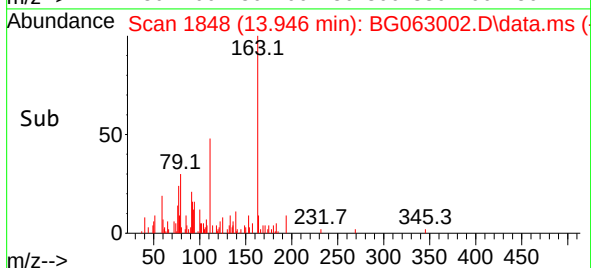
Reviewed By :Yogesh Patel 09/25/2024
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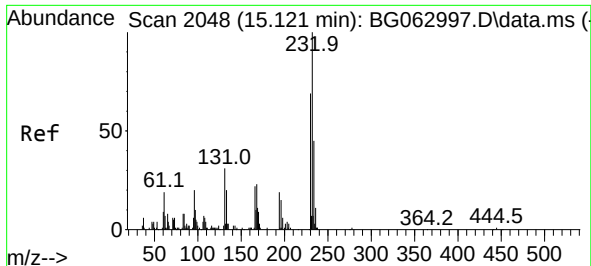


#47
Dimethylphthalate
Concen: 2.869 ng/ul
RT: 13.946 min Scan# 1848
Delta R.T. 0.005 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08



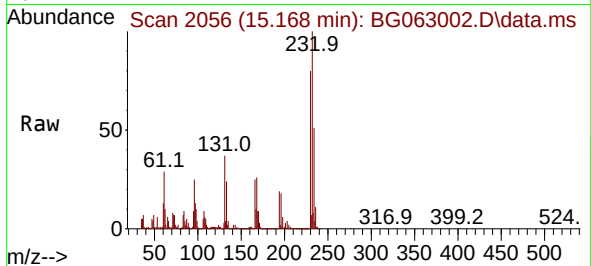
Tgt Ion:163 Resp: 11240
Ion Ratio Lower Upper
163 100
194 8.2 2.9 4.3#
164 13.7 8.2 12.4#





#58
2,3,4,6-Tetrachlorophenol
Concen: 2519.515 ng/ul
RT: 15.168 min Scan# 2048
Delta R.T. 0.052 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

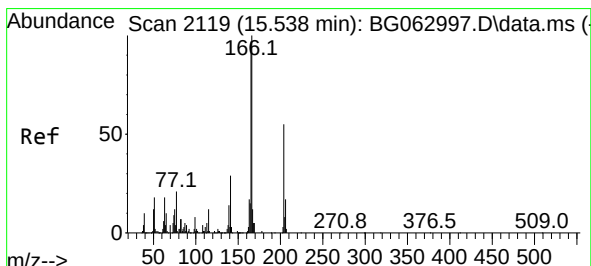
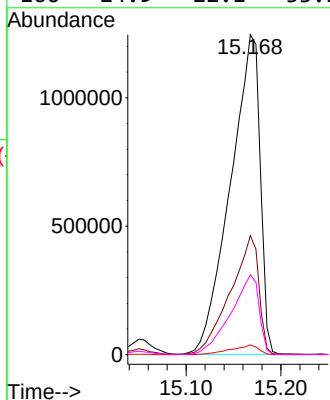
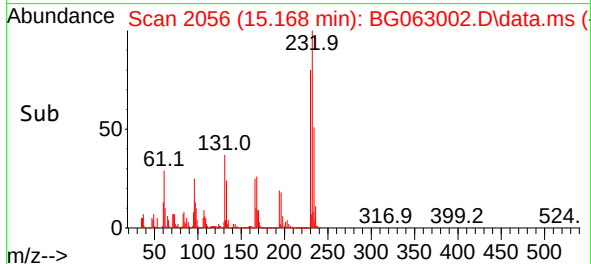
Instrument :
BNA_G
ClientSampleId :
DCVY6



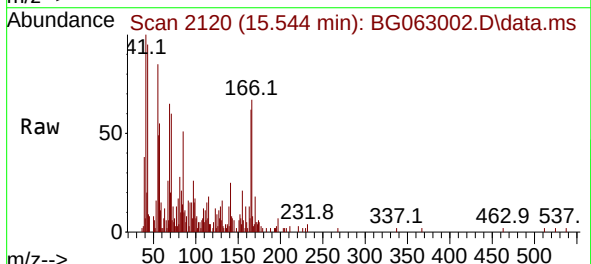
Tgt Ion:232 Resp: 2709128
Ion Ratio Lower Upper
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130 3.1 1.9 2.9
166 24.9 22.1 33.1

Manual Integrations
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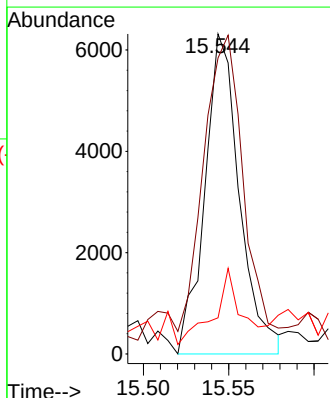
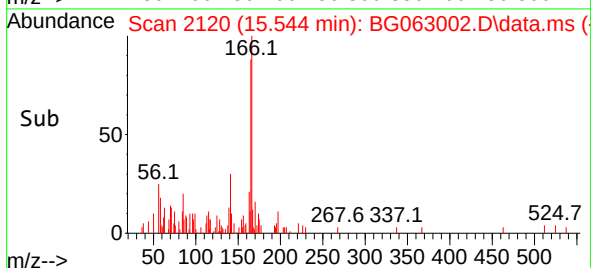
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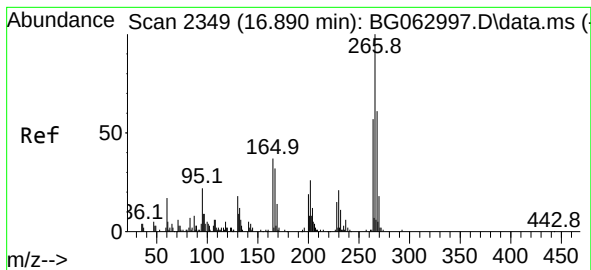


#61
Fluorene
Concen: 2.405 ng/ul
RT: 15.544 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08



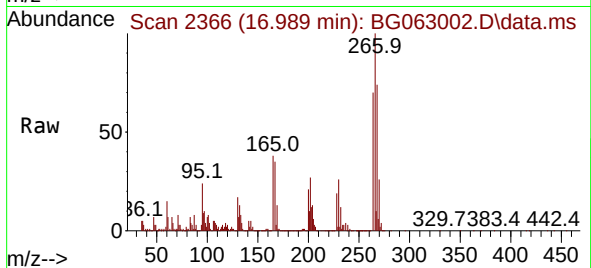
Tgt Ion:166 Resp: 8928
Ion Ratio Lower Upper
166 100
165 92.5 77.2 115.8
167 11.3 10.8 16.2





#71
Pentachlorophenol
Concen: 11026.100 ng/u1
RT: 16.989 min Scan# 21
Delta R.T. 0.099 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

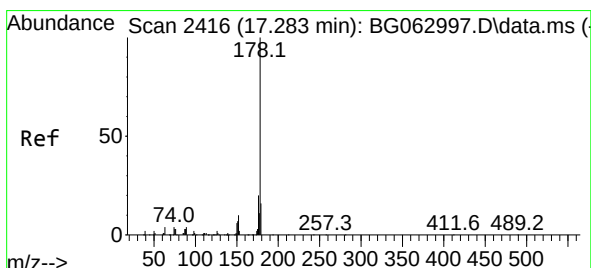
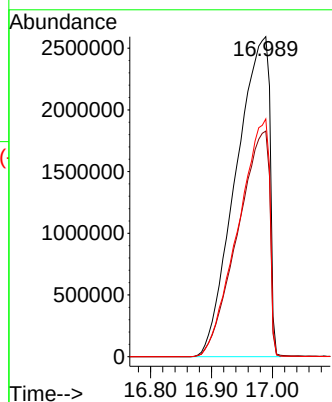
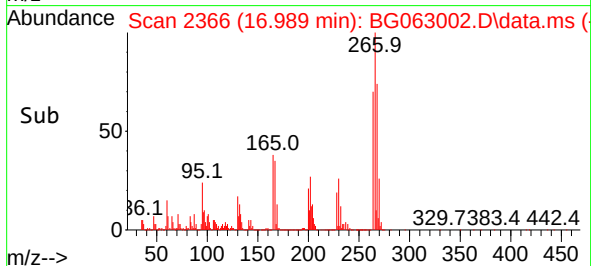
Instrument :
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Tgt Ion:266 Resp: 996333
Ion Ratio Lower Upper
266 100
264 70.5 43.0 64.4
268 74.3 47.2 70.8

Manual Integrations
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#72
Phenanthrene
Concen: 3.070 ng/u1
RT: 17.300 min Scan# 2419
Delta R.T. 0.023 min
Lab File: BG063002.D
Acq: 23 Sep 2024 21:08

Tgt Ion:178 Resp: 20133
Ion Ratio Lower Upper
178 100
179 19.8 12.3 18.5
176 22.6 15.5 23.3

