

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051435.D
 Acq On : 9 Dec 2021 16:02
 Operator : CG/JU
 Sample : M4870-08DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 09 22:26:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration

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

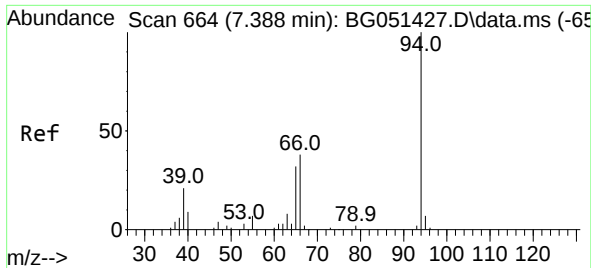
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	27977	20.000	ng/u1	0.00
20) Naphthalene-d8	11.014	136	122540	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	84608	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.571	188	190491	20.000	ng/u1	0.00
79) Chrysene-d12	21.872	240	173836	20.000	ng/u1	0.00
88) Perylene-d12	25.268	264	168705	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	338	0.397	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.366	99	2512	0.882	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.507	67	7034	3.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	6229	3.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.923	113	4666	2.085	ng/u1	0.01
21) Nitrobenzene-d5	9.369	128	4236	3.985	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	4324	3.595	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	7454	3.809	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	8380m	2.928	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	31015	4.737	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	37158	4.481	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.809	176	27774	4.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	3605m	3.185	ng/u1	0.02
73) Anthracene-d10	17.671	188	45217	5.073	ng/u1	0.00
81) Pyrene-d10	19.951	212	53522	5.122	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	42693	4.906	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.389	94	71110	24.393	ng/u1	100
13) 2-Methylphenol	8.652	108	9274	4.273	ng/u1	99
18) 4-Methylphenol	8.987	108	12218	5.359	ng/u1	94
26) 2,4-Dimethylphenol	10.186	107	12815m	5.024	ng/u1	
30) Naphthalene	11.061	128	536250	79.688	ng/u1	98
32) 4-Chloroaniline	11.185	127	30663	10.650	ng/u1	97
36) 2-Methylnaphthalene	12.659	142	513076	114.334	ng/u1	100
37) 1-Methylnaphthalene	12.871	142	238262	51.582	ng/u1	95
43) 1,1'-Biphenyl	13.652	154	89661	14.175	ng/u1	97
52) Acenaphthene	14.880	153	38861	7.239	ng/u1	97
56) Dibenzofuran	15.215	168	61417	8.069	ng/u1	97
59) Diethylphthalate	15.615	149	15673	2.201	ng/u1	98
61) Fluorene	15.867	166	22001	3.569	ng/u1#	98
67) N-Nitrosodiphenylamine	16.067	169	10752	2.025	ng/u1	96
83) Butylbenzylphthalate	20.832	149	75069	13.633	ng/u1	99

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

Manual Integrations

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
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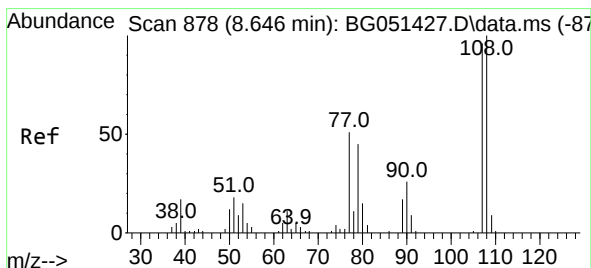
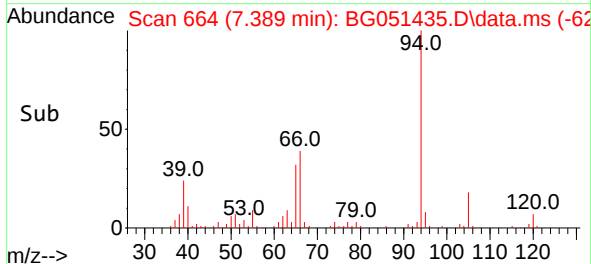
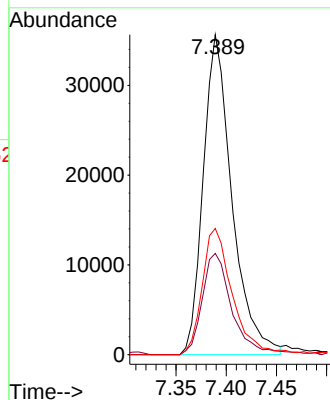
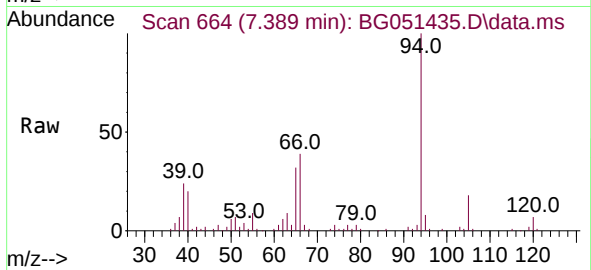
#8
Phenol
Concen: 24.393 ng/ul
RT: 7.389 min Scan# 664
Delta R.T. 0.005 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

Instrument :
BNA_G
ClientSampleId :
BGKP5DL

Tgt Ion: 94 Resp: 71110
Ion Ratio Lower Upper
94 100
65 31.7 25.1 37.7
66 39.5 31.6 47.4

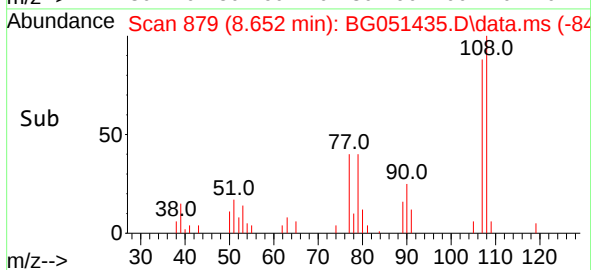
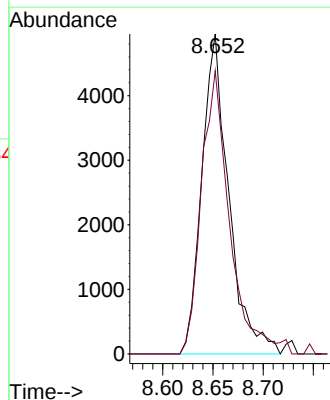
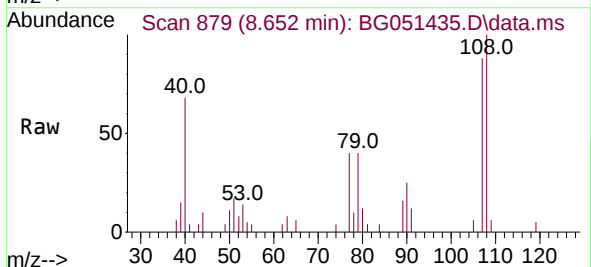
Manual Integrations
APPROVED

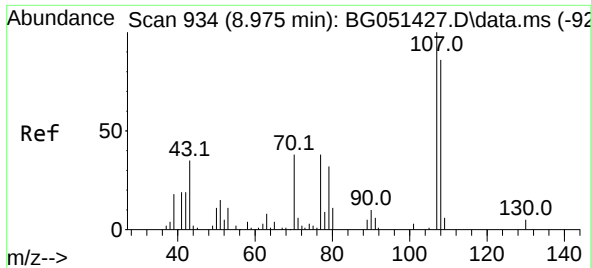
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#13
2-Methylphenol
Concen: 4.273 ng/ul
RT: 8.652 min Scan# 879
Delta R.T. 0.011 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

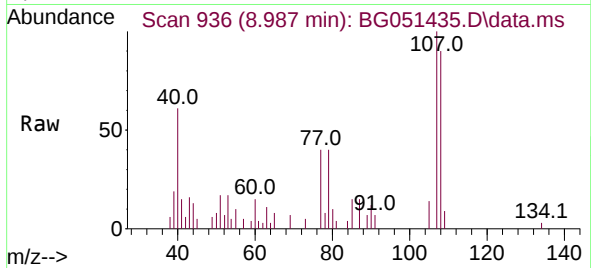
Tgt Ion:108 Resp: 9274
Ion Ratio Lower Upper
108 100
107 88.5 71.8 107.6





#18
4-Methylphenol
Concen: 5.359 ng/ul
RT: 8.987 min Scan# 911
Delta R.T. 0.011 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

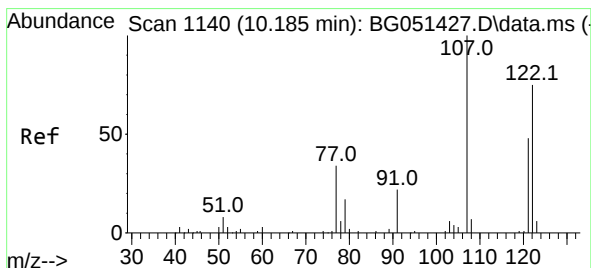
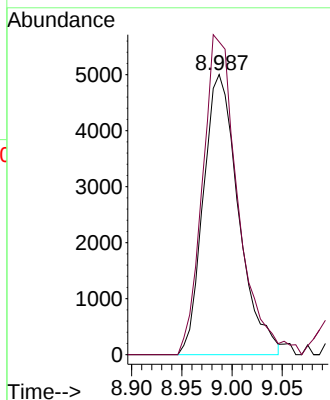
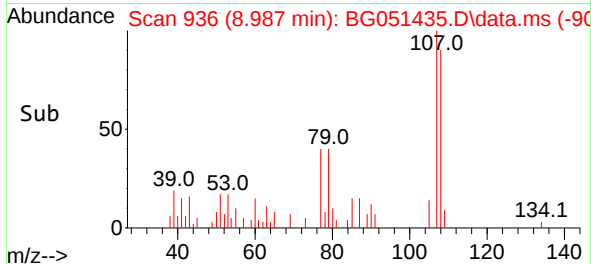
Instrument :
BNA_G
ClientSampleId :
BGKP5DL



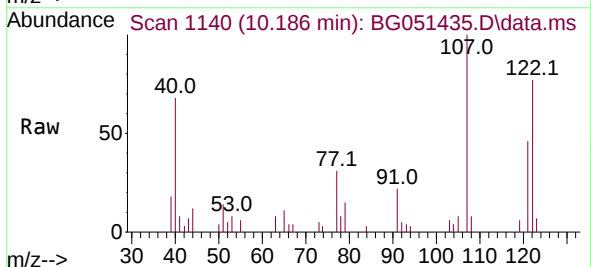
Tgt Ion:108 Resp: 12218
Ion Ratio Lower Upper
108 100
107 111.6 95.0 142.4

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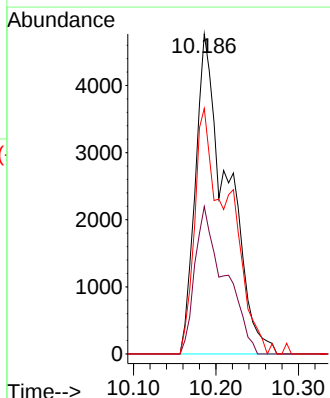
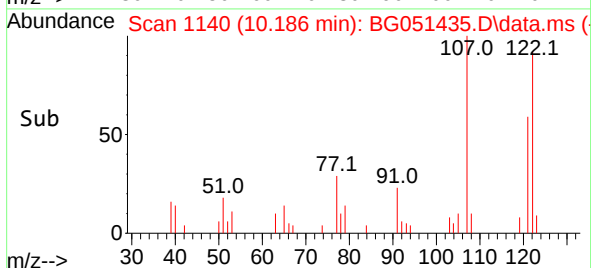
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

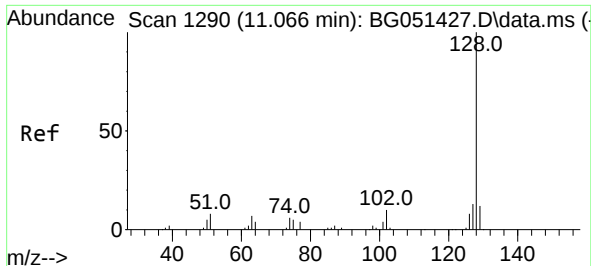


#26
2,4-Dimethylphenol
Concen: 5.024 ng/ul m
RT: 10.186 min Scan# 1140
Delta R.T. 0.005 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02



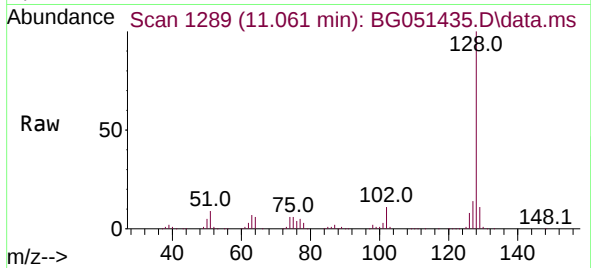
Tgt Ion:107 Resp: 12815
Ion Ratio Lower Upper
107 100
121 46.0 39.3 58.9
122 76.7 63.7 95.5





#30
Naphthalene
Concen: 79.688 ng/ul
RT: 11.061 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

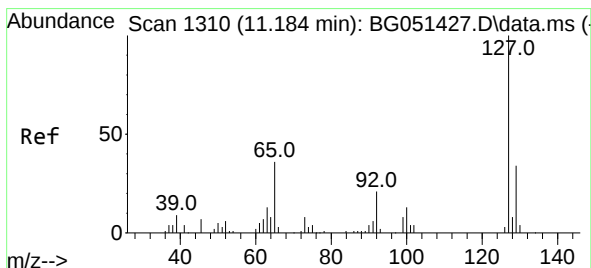
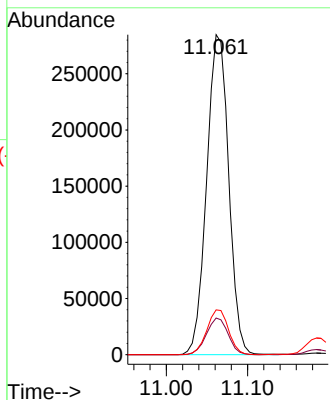
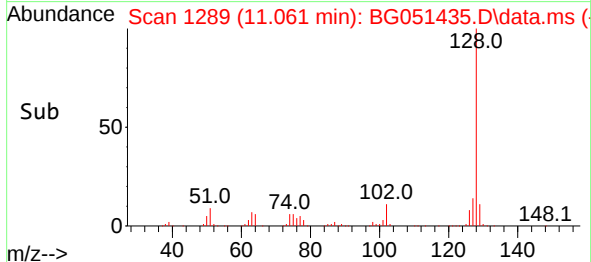
Instrument :
BNA_G
ClientSampleId :
BGKP5DL



Tgt Ion:128 Resp: 536250
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.0 11.8 17.6

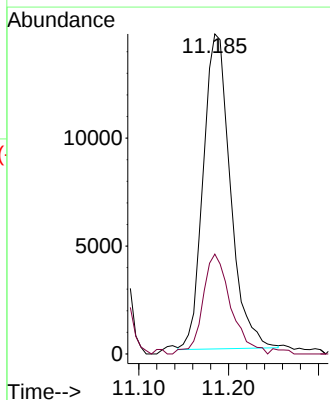
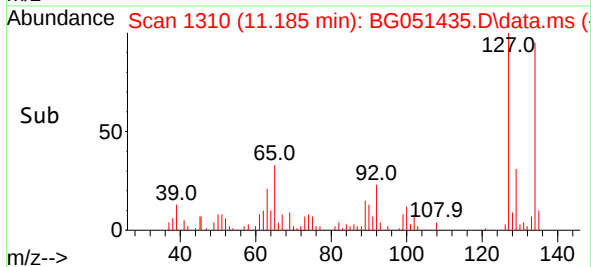
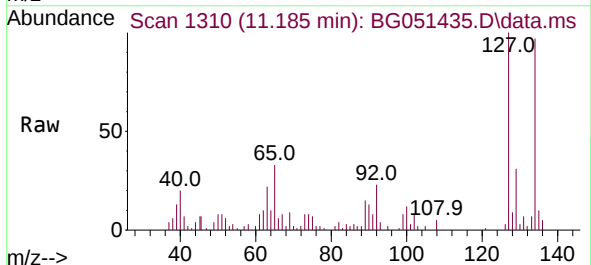
Manual Integrations
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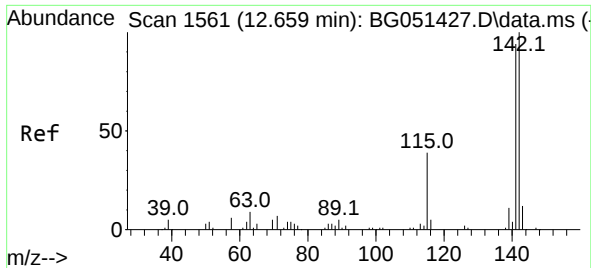
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#32
4-Chloroaniline
Concen: 10.650 ng/ul
RT: 11.185 min Scan# 1310
Delta R.T. 0.005 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

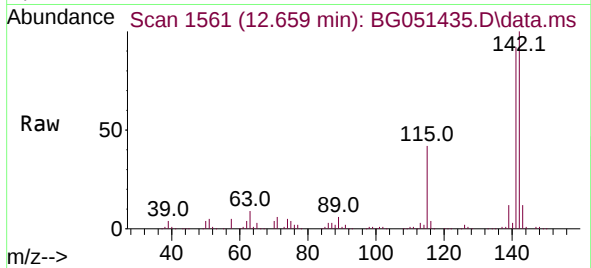
Tgt Ion:127 Resp: 30663
Ion Ratio Lower Upper
127 100
129 31.2 26.2 39.2





#36
2-Methylnaphthalene
Concen: 114.334 ng/ul
RT: 12.659 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

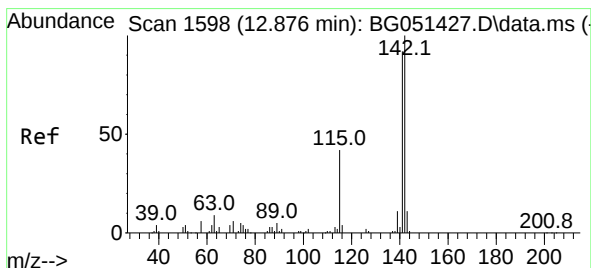
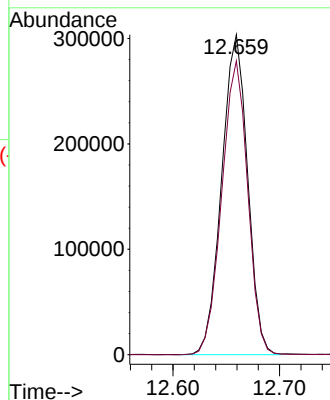
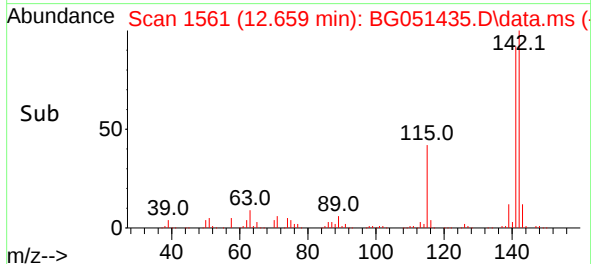
Instrument :
BNA_G
ClientSampleId :
BGKP5DL



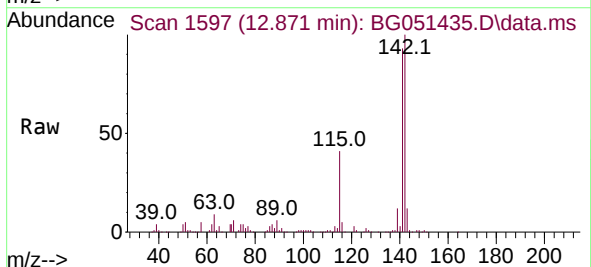
Tgt Ion:142 Resp: 513070
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

Manual Integrations
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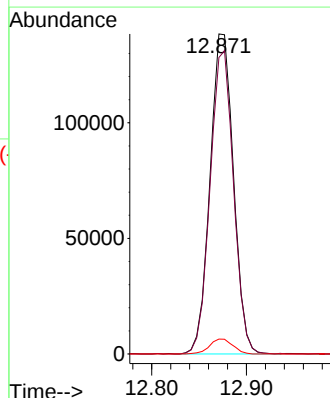
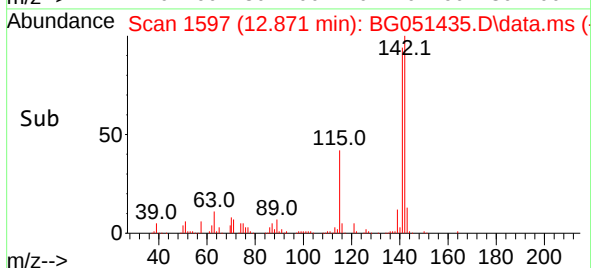
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

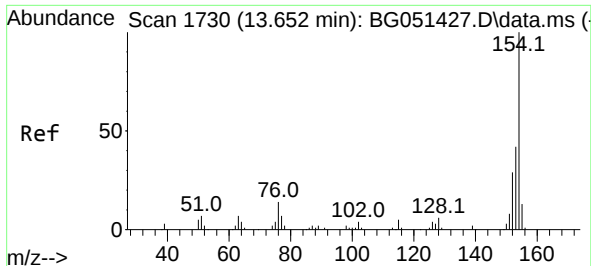


#37
1-Methylnaphthalene
Concen: 51.582 ng/ul
RT: 12.871 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02



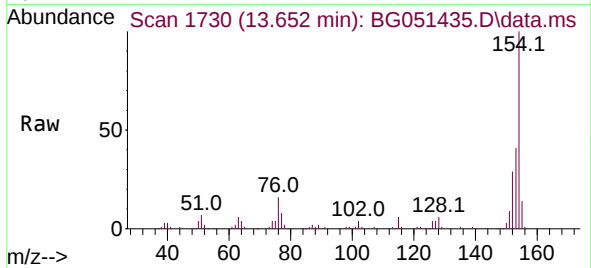
Tgt Ion:142 Resp: 238262
Ion Ratio Lower Upper
142 100
141 92.6 77.8 116.8
116 4.7 3.3 4.9





#43
1,1'-Biphenyl
Concen: 14.175 ng/ul
RT: 13.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

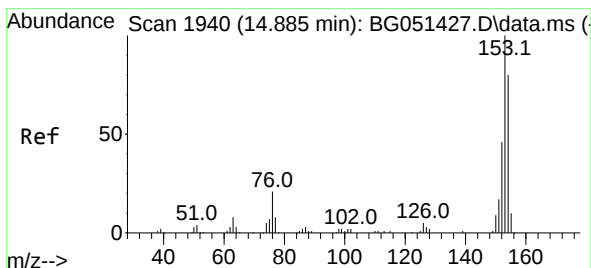
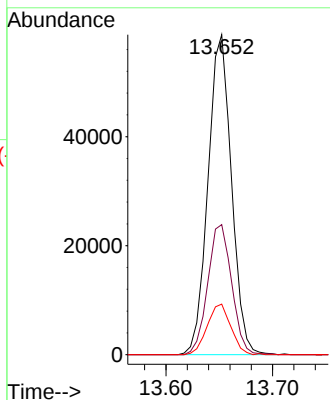
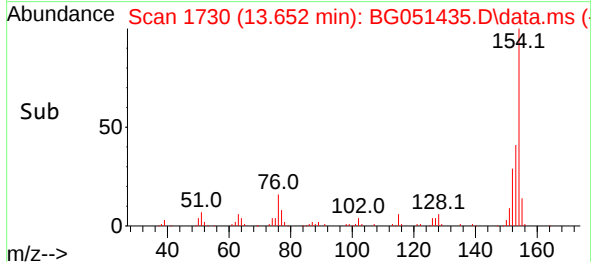
Instrument :
BNA_G
ClientSampleId :
BGKP5DL



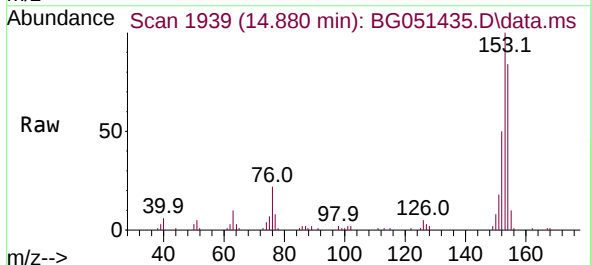
Tgt Ion:154 Resp: 8966
Ion Ratio Lower Upper
154 100
153 40.6 34.5 51.7
76 15.8 13.1 19.7

Manual Integrations
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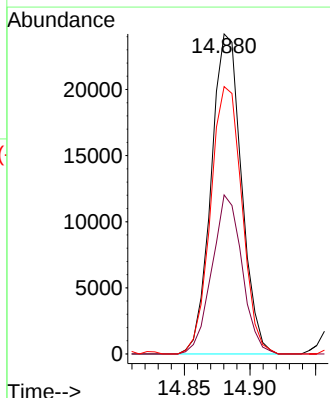
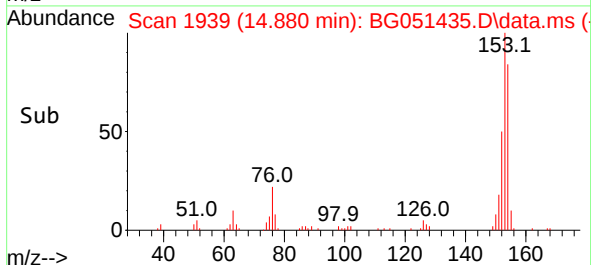
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

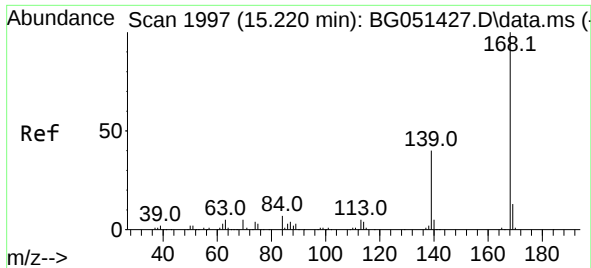


#52
Acenaphthene
Concen: 7.239 ng/ul
RT: 14.880 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02



Tgt Ion:153 Resp: 38861
Ion Ratio Lower Upper
153 100
152 49.7 36.5 54.7
154 83.6 65.8 98.6





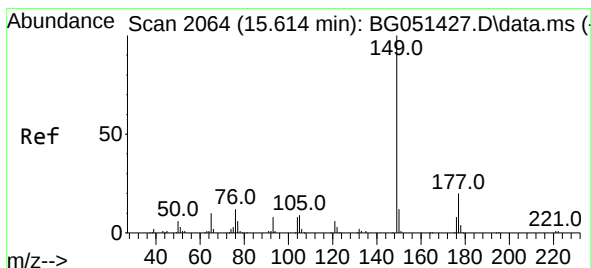
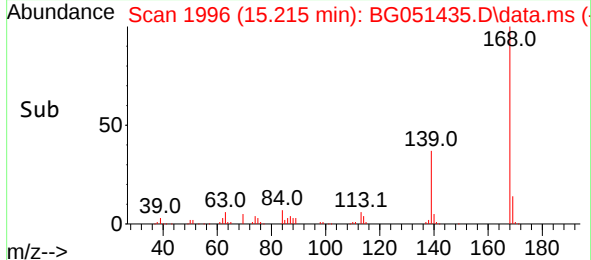
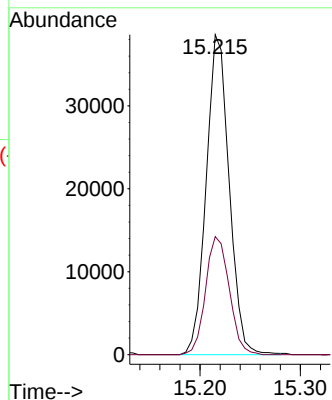
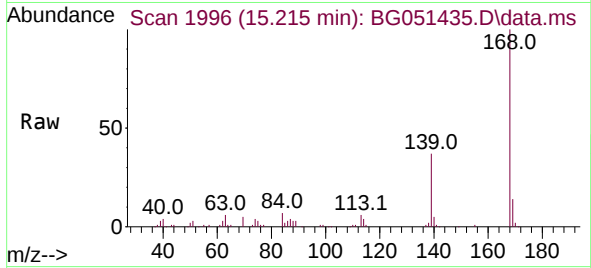
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Dibenzofuran
Concen: 8.069 ng/ul
RT: 15.215 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

Instrument :
BNA_G
ClientSampleId :
BGKP5DL

Tgt Ion:168 Resp: 6141
Ion Ratio Lower Upper
168 100
139 36.9 31.2 46.8

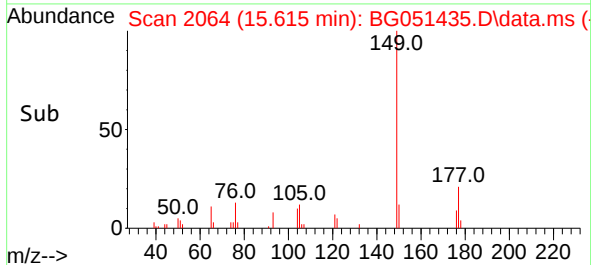
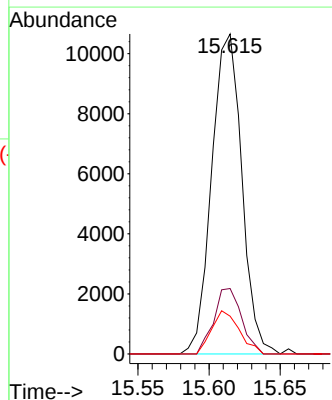
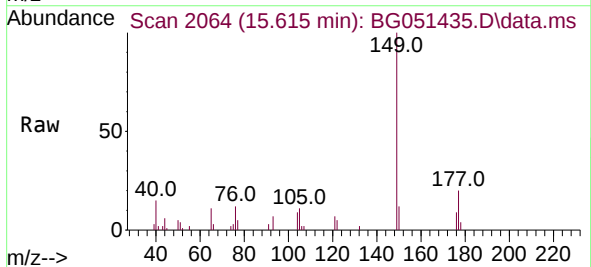
Manual Integrations
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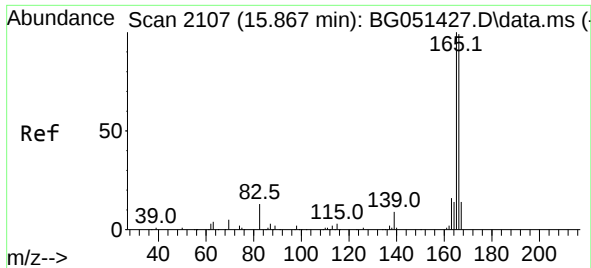
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#59
Diethylphthalate
Concen: 2.201 ng/ul
RT: 15.615 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

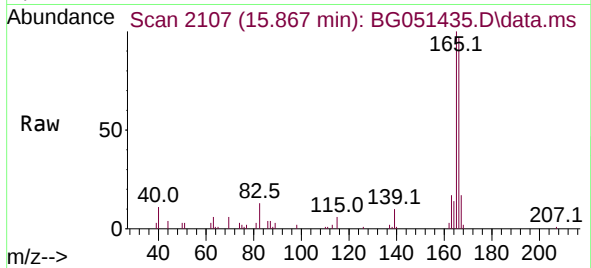
Tgt Ion:149 Resp: 15673
Ion Ratio Lower Upper
149 100
177 20.4 16.8 25.2
150 11.8 10.1 15.1





#61
Fluorene
Concen: 3.569 ng/ul
RT: 15.867 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02

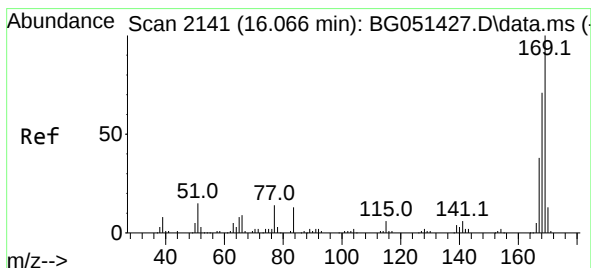
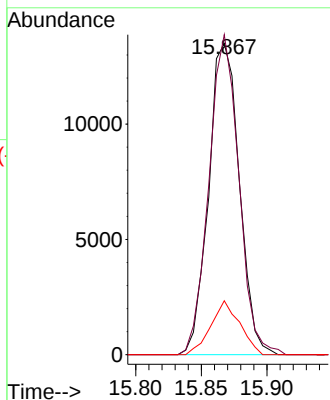
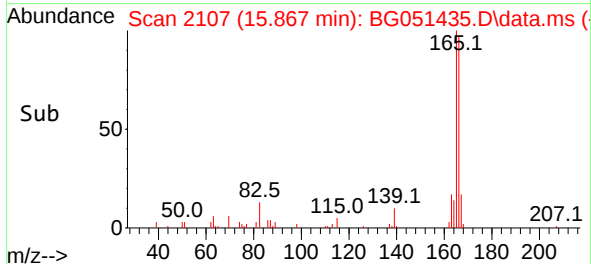
Instrument :
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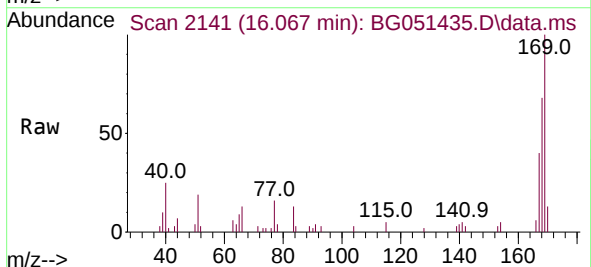
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Ion Ratio Lower Upper
166 100
165 102.8 81.0 121.6
167 17.3 11.0 16.4

Manual Integrations
APPROVED

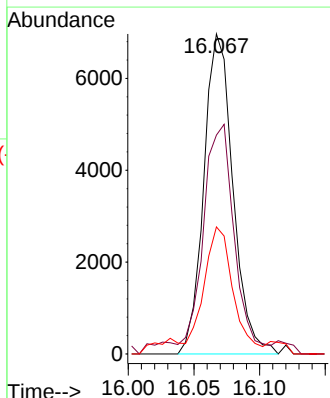
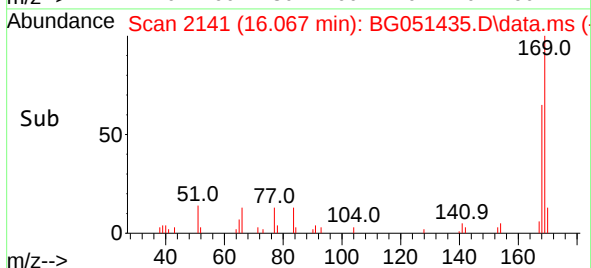
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

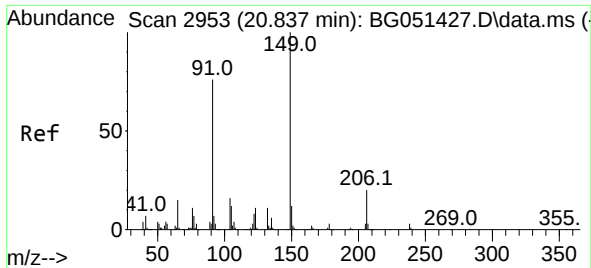


#67
N-Nitrosodiphenylamine
Concen: 2.025 ng/ul
RT: 16.067 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BG051435.D
Acq: 9 Dec 2021 16:02



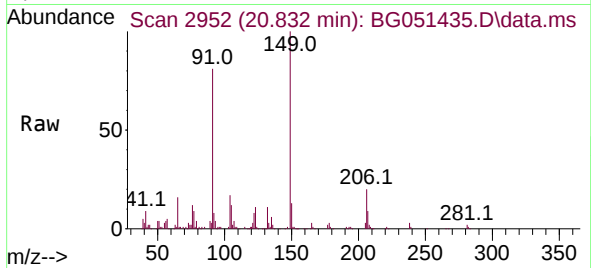
Tgt Ion:169 Resp: 10752
Ion Ratio Lower Upper
169 100
168 68.4 58.5 87.7
167 39.7 31.3 46.9





#83
 Butylbenzylphthalate
 Concen: 13.633 ng/ul
 RT: 20.832 min Scan# 2952
 Delta R.T. -0.006 min
 Lab File: BG051435.D
 Acq: 9 Dec 2021 16:02

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5DL



Tgt Ion:	149	Resp:	75069
Ion	Ratio	Lower	Upper
149	100		
91	80.8	65.2	97.8
206	20.4	16.2	24.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

