

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051430.D
 Acq On : 9 Dec 2021 12:38
 Operator : CG/JU
 Sample : M4960-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKR9DL

Manual Integrations
 APPROVED

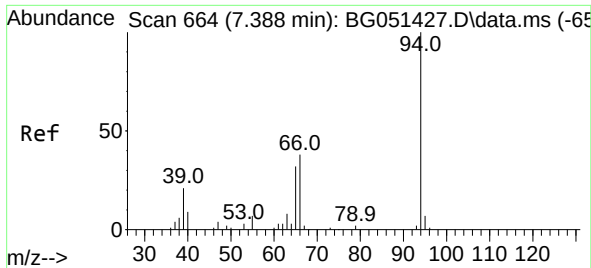
Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 09 22:25:18 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)

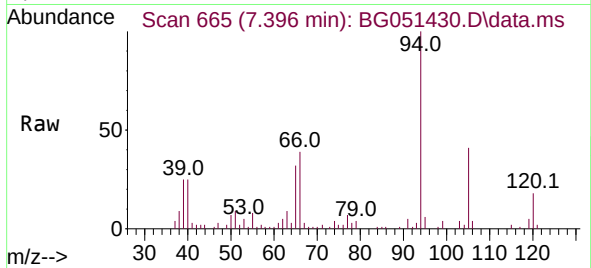
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	32840	20.000	ng/ul	0.00
20) Naphthalene-d8	11.015	136	142972	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	89353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	178015	20.000	ng/ul	0.00
79) Chrysene-d12	21.879	240	165885	20.000	ng/ul	0.00
88) Perylene-d12	25.275	264	171111	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.536	96	479	0.479	ng/uL	0.00
4) Pyridine-d5	4.011	84	5368m	1.869	ng/ul	0.05
7) Phenol-d5	7.366	99	12144	3.632	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.507	67	9745	4.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	8879	3.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	10003	3.809	ng/ul	0.01
21) Nitrobenzene-d5	9.376	128	5205	4.197	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	5435	3.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.657	165	8802	3.855	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	17290	5.178	ng/ul	0.05
46) Dimethylphthalate-d6	14.217	166	28952	4.187	ng/ul	0.00
49) Acenaphthylene-d8	14.517	160	37886	4.327	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	3940m	3.785	ng/ul	0.05
60) Fluorene-d10	15.815	176	25573	4.155	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	3904m	3.691	ng/ul	0.01
73) Anthracene-d10	17.672	188	41085	4.933	ng/ul	0.00
81) Pyrene-d10	19.952	212	44306	4.444	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.040	264	39035	4.423	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.396	94	52450	15.328	ng/ul	99
13) 2-Methylphenol	8.653	108	4835	1.898	ng/ul	81
18) 4-Methylphenol	8.988	108	7230	2.701	ng/ul	93
26) 2,4-Dimethylphenol	10.192	107	5312m	1.785	ng/ul	
30) Naphthalene	11.068	128	319604	40.707	ng/ul	99
32) 4-Chloroaniline	11.250	127	4647720	1383.604	ng/ul#	85
36) 2-Methylnaphthalene	12.660	142	115404	22.042	ng/ul	98
37) 1-Methylnaphthalene	12.878	142	55895	10.372	ng/ul	99
43) 1,1'-Biphenyl	13.653	154	19193	2.873	ng/ul	94
52) Acenaphthene	14.881	153	11832	2.087	ng/ul	91
56) Dibenzofuran	15.222	168	16145	2.009	ng/ul	93
59) Diethylphthalate	15.616	149	10006	1.330	ng/ul	93
61) Fluorene	15.868	166	12396	1.904	ng/ul#	76
67) N-Nitrosodiphenylamine	16.068	169	57898	11.667	ng/ul	95
72) Phenanthrene	17.613	178	38400	4.004	ng/ul	95
77) Carbazole	17.983	167	44855	5.248	ng/ul	93
78) Di-n-butylphthalate	18.500	149	208527	18.198	ng/ul	99
83) Butylbenzylphthalate	20.868	149	3387776	644.752	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.720	149	2713115	371.749	ng/ul#	87
89) Di-n-octyl phthalate	22.977	149	1003663	79.758	ng/ul	100

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



#8
Phenol
Concen: 15.328 ng/ul
RT: 7.396 min Scan# 665
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

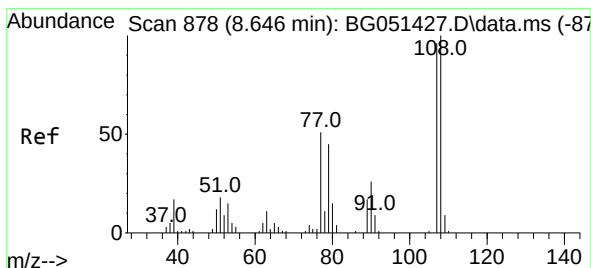
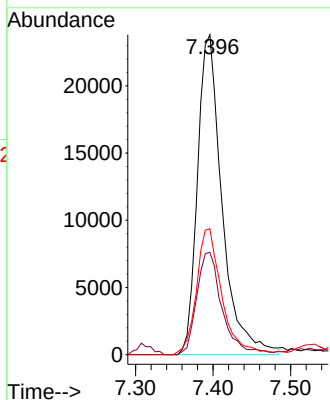
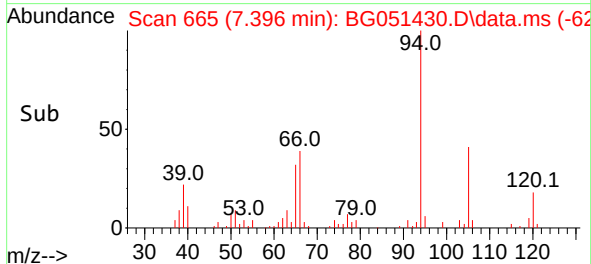
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



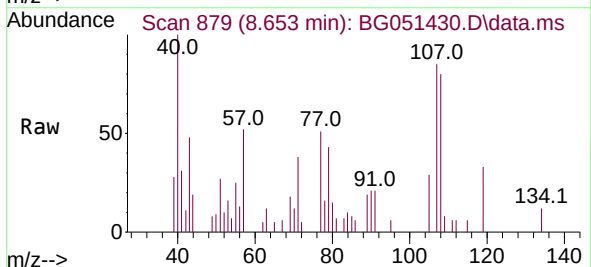
Tgt Ion: 94 Resp: 52450
Ion Ratio Lower Upper
94 100
65 32.0 25.1 37.7
66 39.4 31.6 47.4

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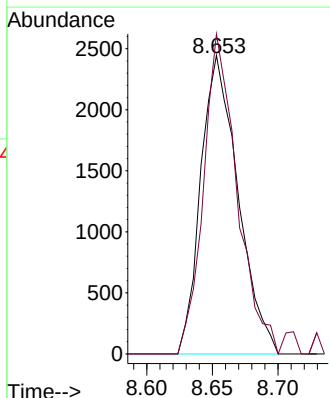
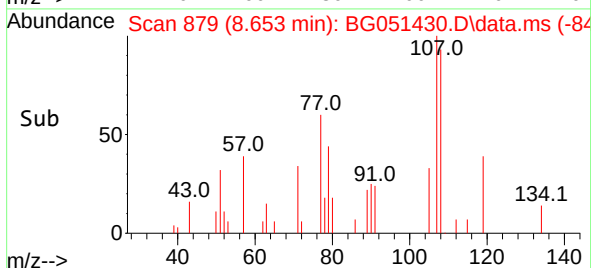
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

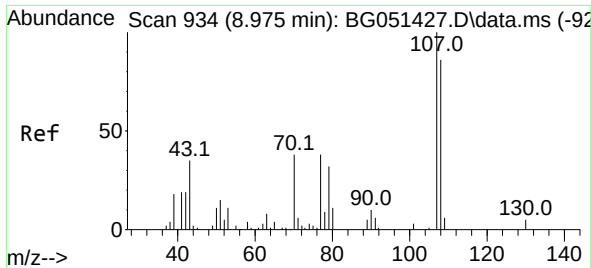


#13
2-Methylphenol
Concen: 1.898 ng/ul
RT: 8.653 min Scan# 879
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



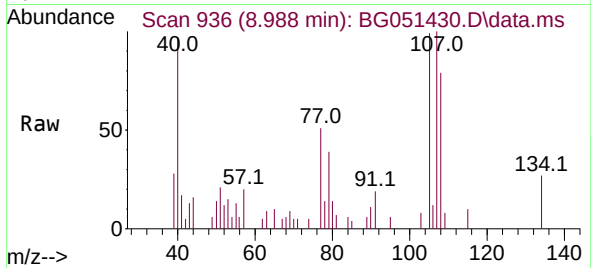
Tgt Ion:108 Resp: 4835
Ion Ratio Lower Upper
108 100
107 107.2 71.8 107.6





#18
4-Methylphenol
Concen: 2.701 ng/ul
RT: 8.988 min Scan# 911
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

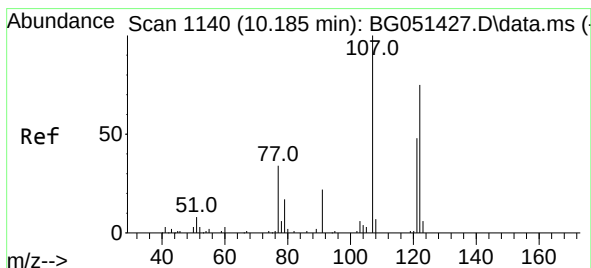
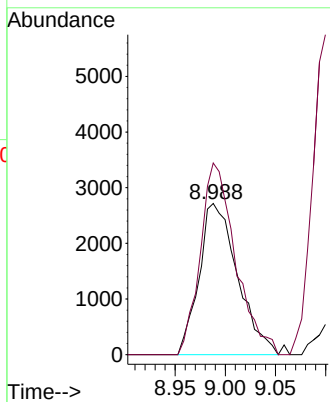
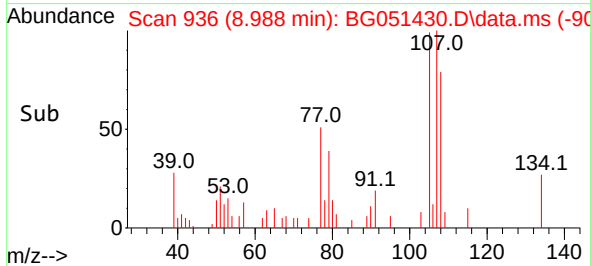
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



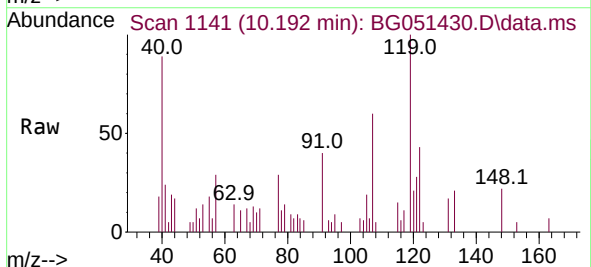
Tgt Ion:108 Resp: 7230
Ion Ratio Lower Upper
108 100
107 126.7 95.0 142.4

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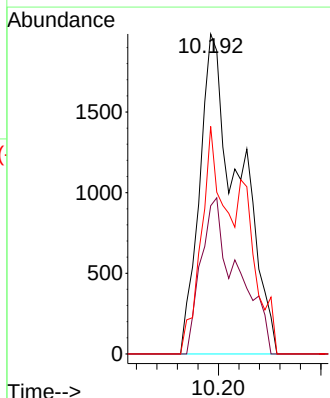
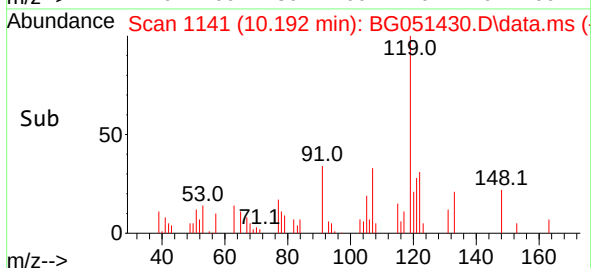
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

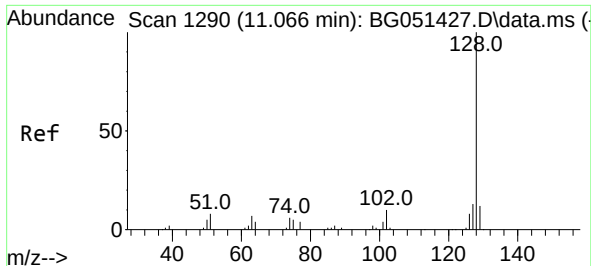


#26
2,4-Dimethylphenol
Concen: 1.785 ng/ul m
RT: 10.192 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



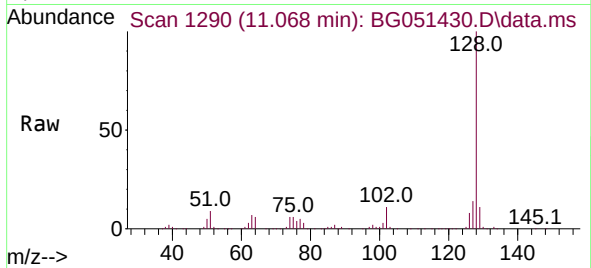
Tgt Ion:107 Resp: 5312
Ion Ratio Lower Upper
107 100
121 46.3 39.3 58.9
122 71.1 63.7 95.5





#30
Naphthalene
Concen: 40.707 ng/ul
RT: 11.068 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

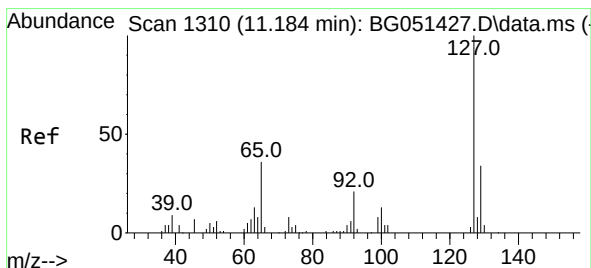
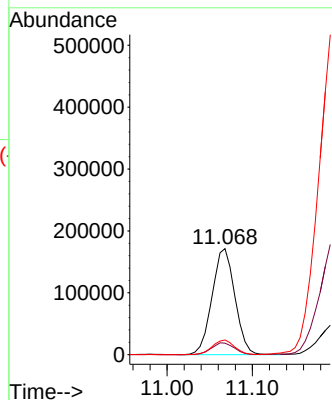
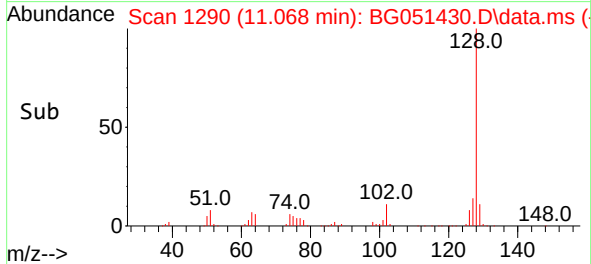
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



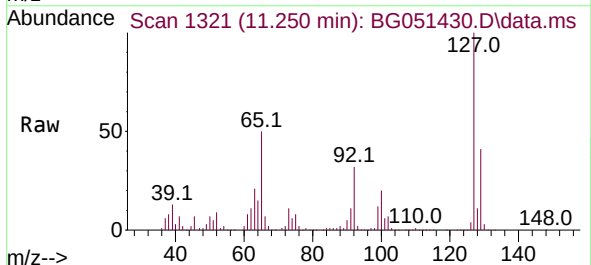
Tgt Ion:128 Resp: 319604
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.9 11.8 17.6

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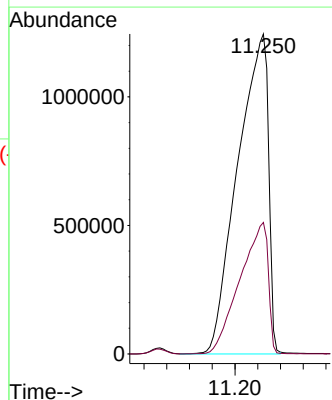
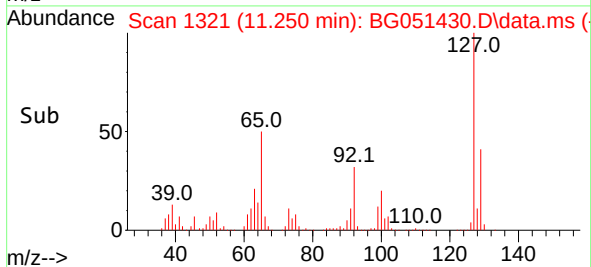
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

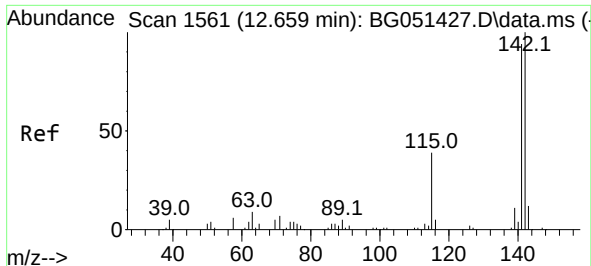


#32
4-Chloroaniline
Concen: 1383.604 ng/ul
RT: 11.250 min Scan# 1321
Delta R.T. 0.071 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



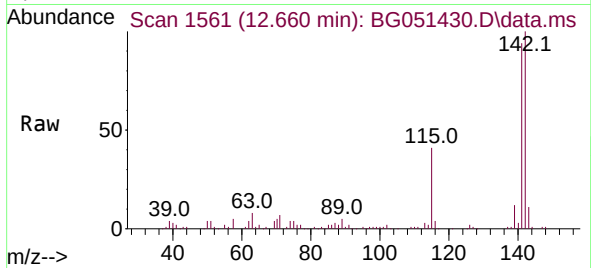
Tgt Ion:127 Resp: 4647720
Ion Ratio Lower Upper
127 100
129 41.1 26.2 39.2#





#36
2-Methylnaphthalene
Concen: 22.042 ng/ul
RT: 12.660 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

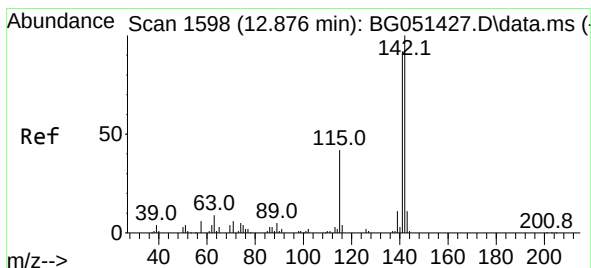
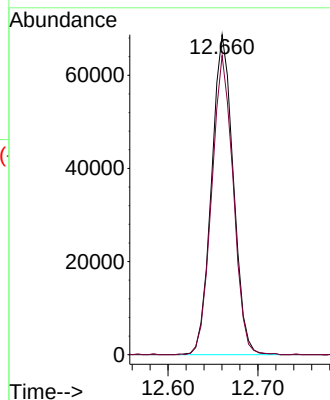
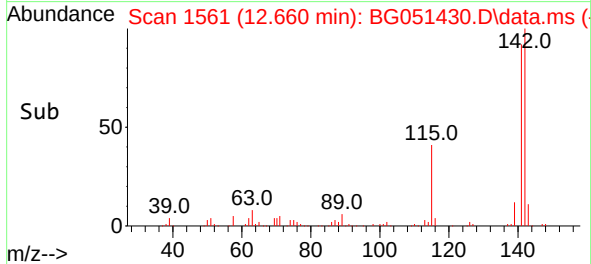
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



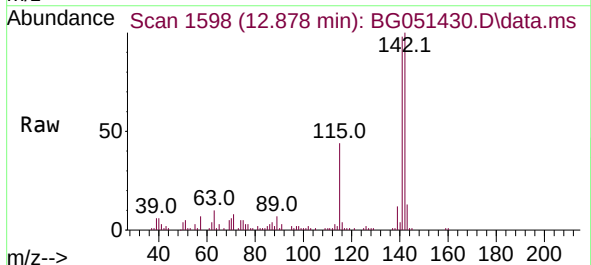
Tgt Ion:142 Resp: 115404
Ion Ratio Lower Upper
142 100
141 93.5 73.3 109.9

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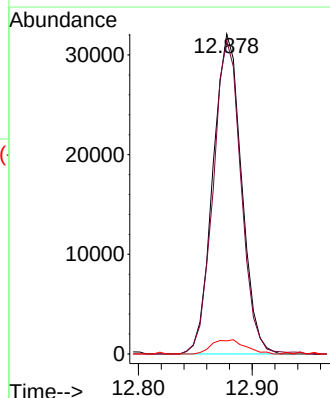
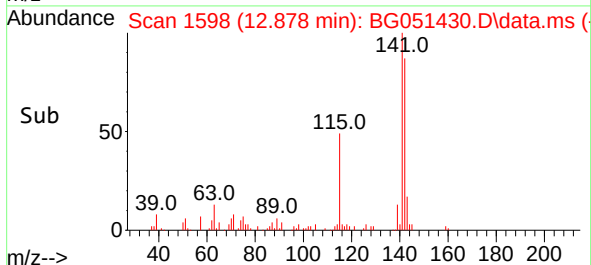
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

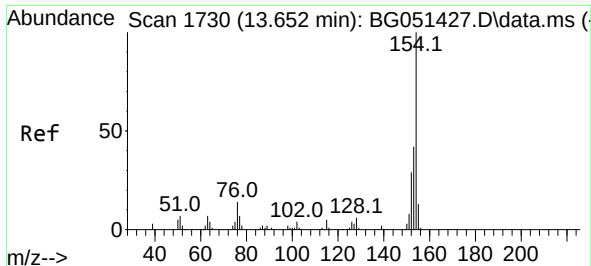


#37
1-Methylnaphthalene
Concen: 10.372 ng/ul
RT: 12.878 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



Tgt Ion:142 Resp: 55895
Ion Ratio Lower Upper
142 100
141 97.9 77.8 116.8
116 4.1 3.3 4.9





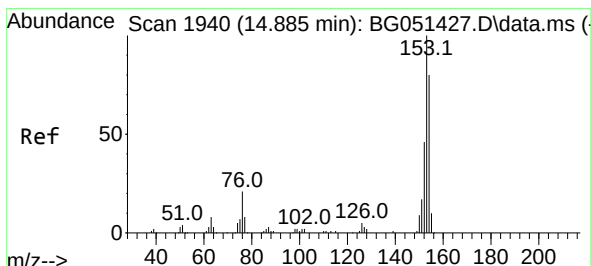
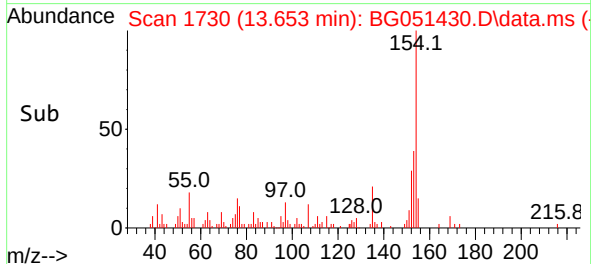
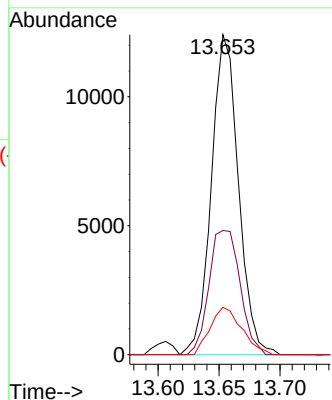
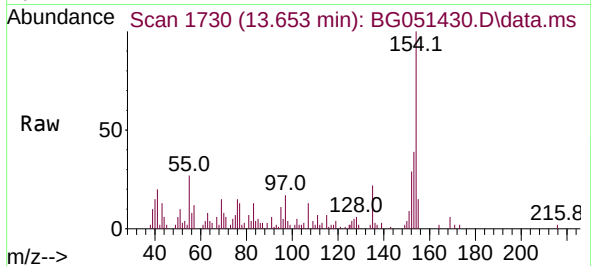
#43
1,1'-Biphenyl
Concen: 2.873 ng/ul
RT: 13.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

Instrument :
BNA_G
ClientSampleId :
BGKR9DL

Tgt Ion:154 Resp: 1919
Ion Ratio Lower Upper
154 100
153 38.8 34.5 51.7
76 14.8 13.1 19.7

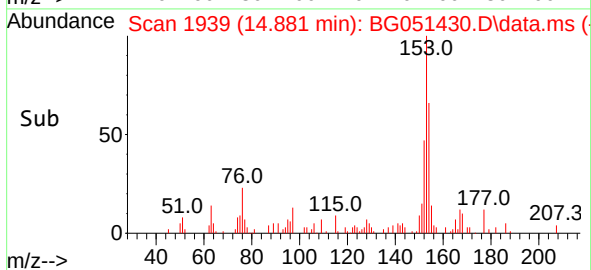
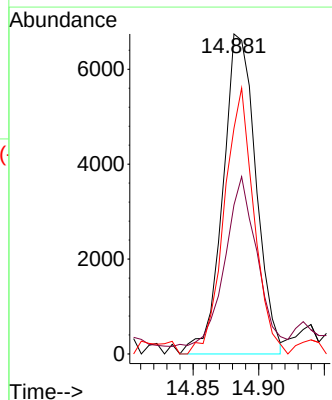
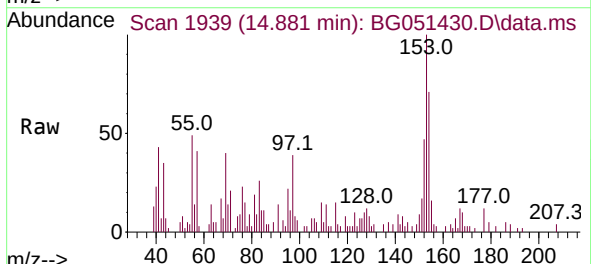
Manual Integrations
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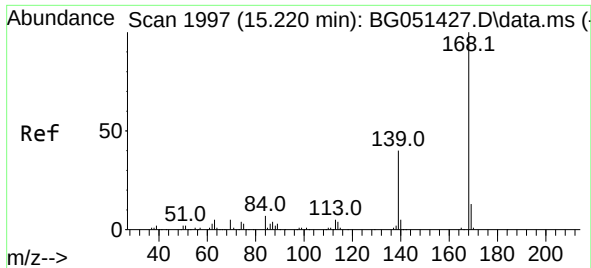
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#52
Acenaphthene
Concen: 2.087 ng/ul
RT: 14.881 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

Tgt Ion:153 Resp: 11832
Ion Ratio Lower Upper
153 100
152 46.5 36.5 54.7
154 70.5 65.8 98.6





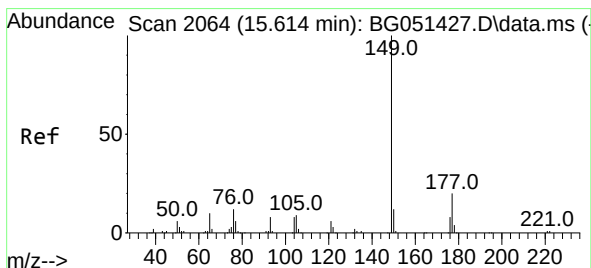
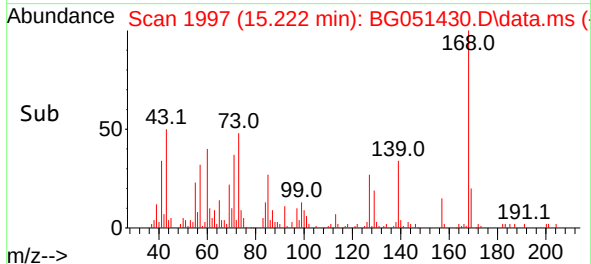
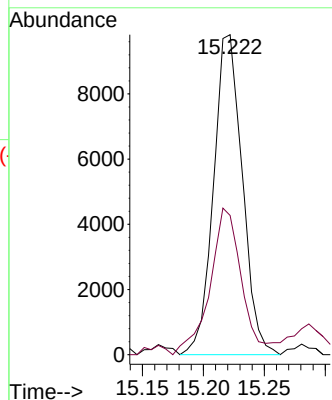
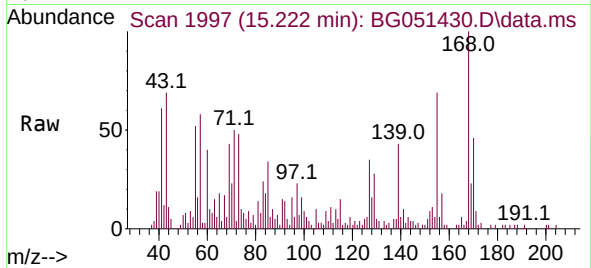
#56
Dibenzenofuran
Concen: 2.009 ng/ul
RT: 15.222 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

Instrument :
BNA_G
ClientSampleId :
BGKR9DL

Tgt Ion:168 Resp: 1614
Ion Ratio Lower Upper
168 100
139 43.5 31.2 46.8

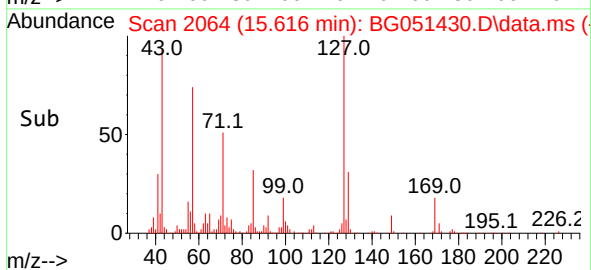
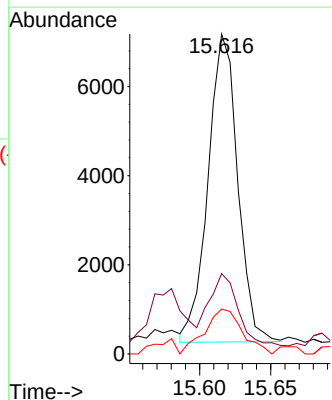
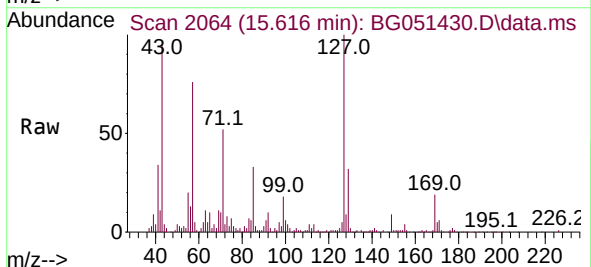
Manual Integrations
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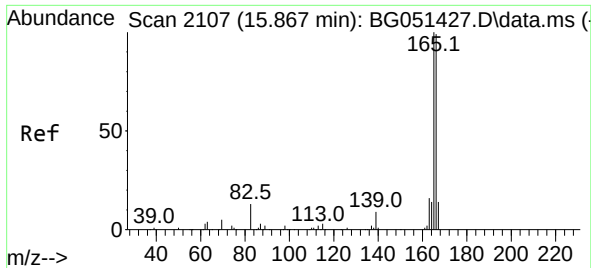
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#59
Diethylphthalate
Concen: 1.330 ng/ul
RT: 15.616 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

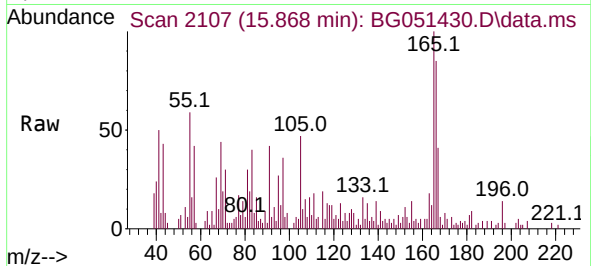
Tgt Ion:149 Resp: 10006
Ion Ratio Lower Upper
149 100
177 25.1 16.8 25.2
150 14.1 10.1 15.1





#61
Fluorene
Concen: 1.904 ng/ul
RT: 15.868 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

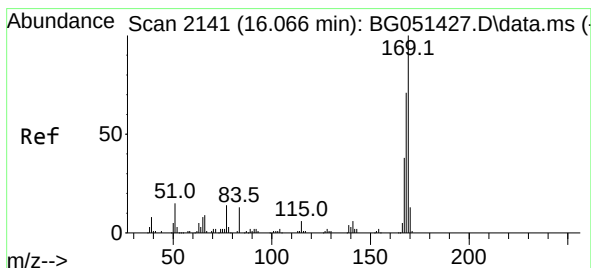
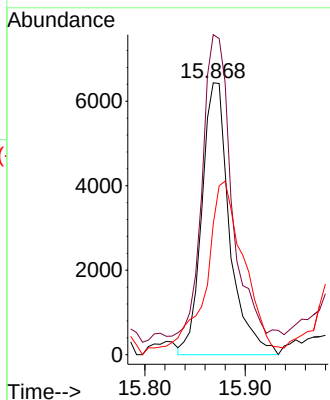
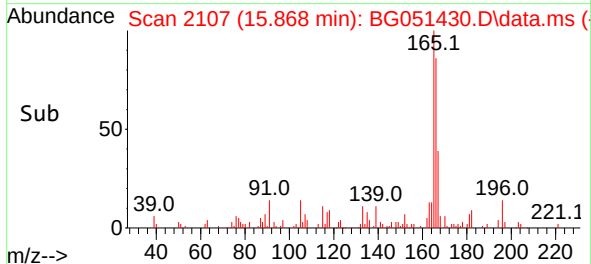
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



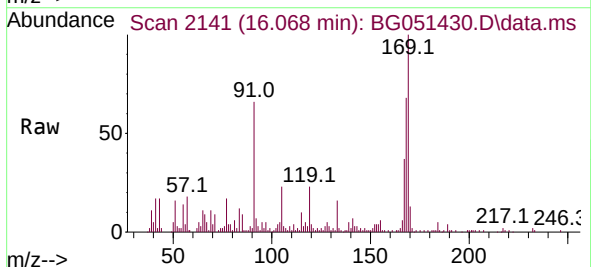
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Ion Ratio Lower Upper
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165 117.7 81.0 121.6
167 48.1 11.0 16.4

Manual Integrations
APPROVED

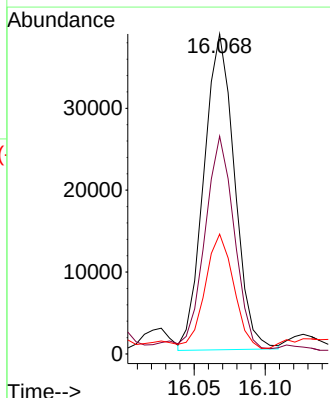
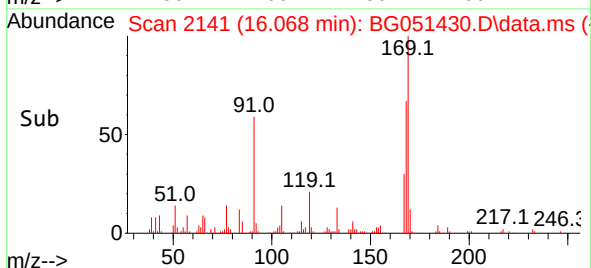
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

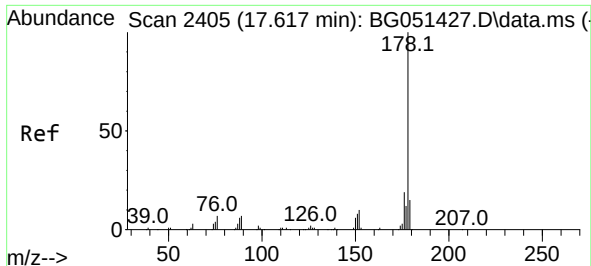


#67
N-Nitrosodiphenylamine
Concen: 11.667 ng/ul
RT: 16.068 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



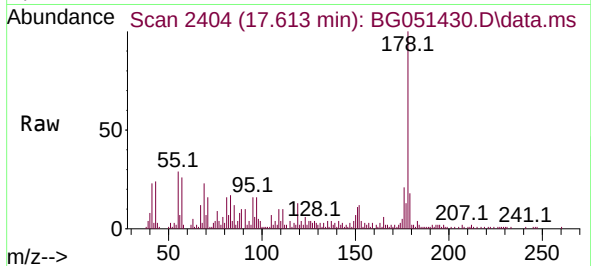
Tgt Ion:169 Resp: 57898
Ion Ratio Lower Upper
169 100
168 68.0 58.5 87.7
167 37.5 31.3 46.9





#72
Phenanthrene
Concen: 4.004 ng/u1
RT: 17.613 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

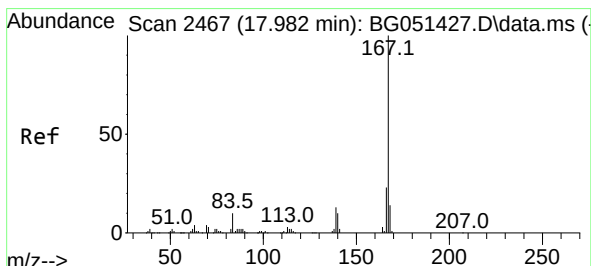
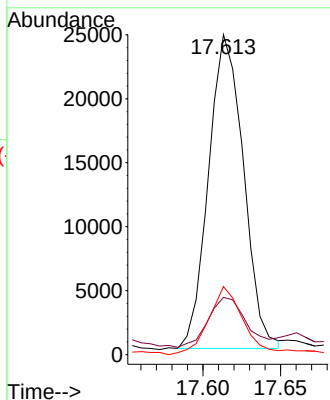
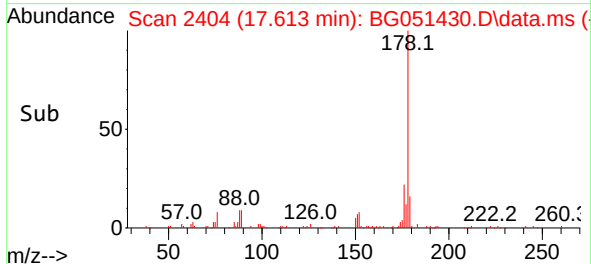
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



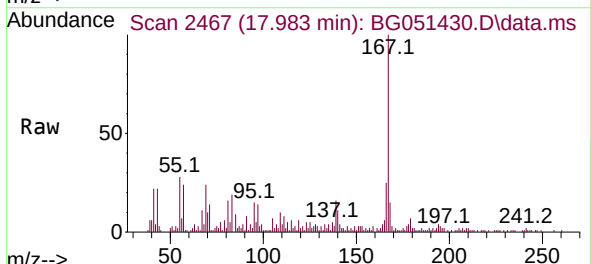
Tgt Ion:178 Resp: 38400
Ion Ratio Lower Upper
178 100
179 17.9 12.3 18.5
176 21.3 15.5 23.3

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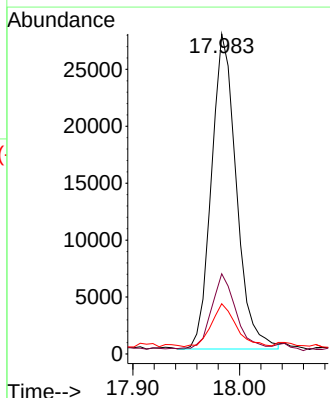
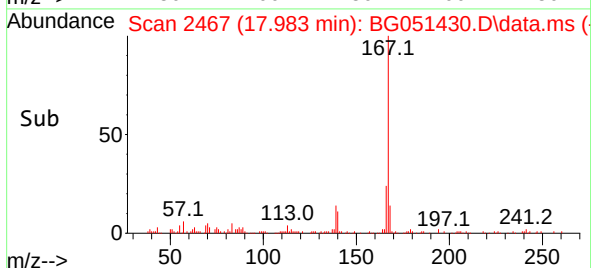
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

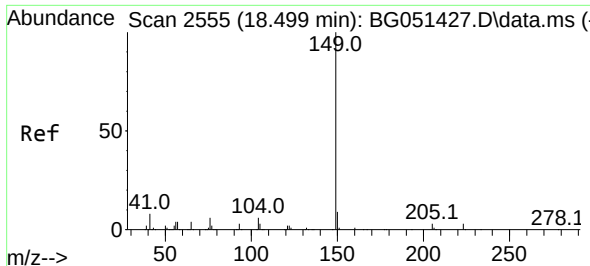


#77
Carbazole
Concen: 5.248 ng/u1
RT: 17.983 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38



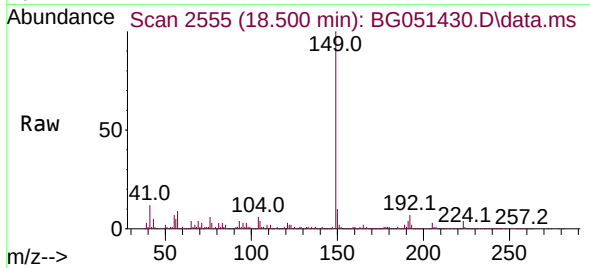
Tgt Ion:167 Resp: 44855
Ion Ratio Lower Upper
167 100
166 25.1 17.3 25.9
139 15.7 10.6 16.0





#78
Di-n-butylphthalate
Concen: 18.198 ng/ul
RT: 18.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

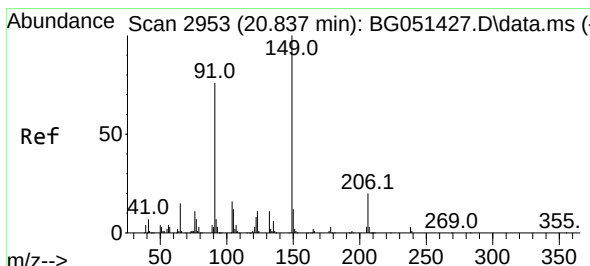
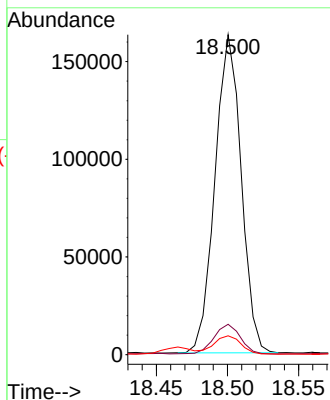
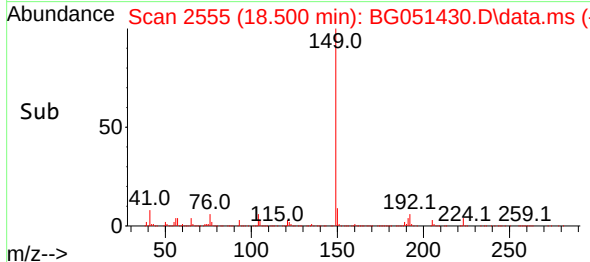
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



Tgt Ion:149 Resp: 20852
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.9 5.0 7.6

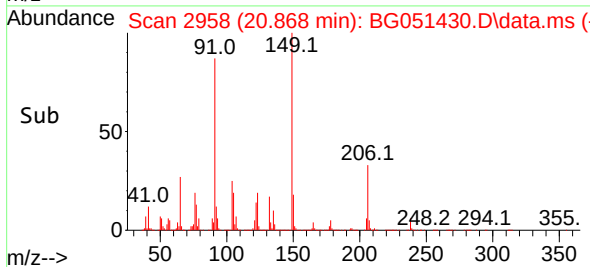
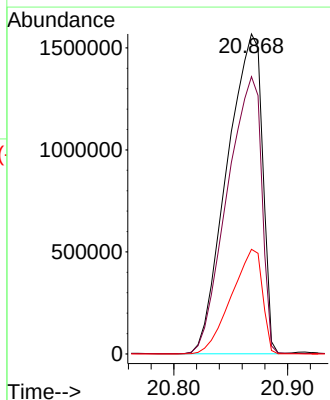
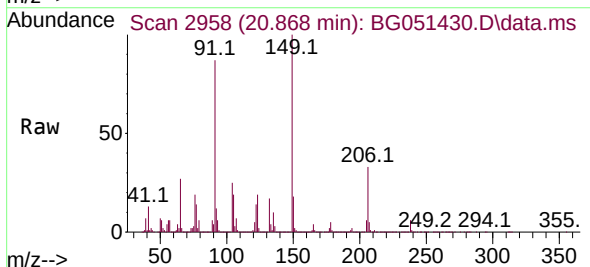
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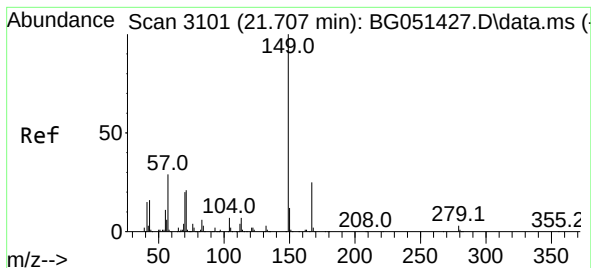
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#83
Butylbenzylphthalate
Concen: 644.752 ng/ul
RT: 20.868 min Scan# 2958
Delta R.T. 0.030 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

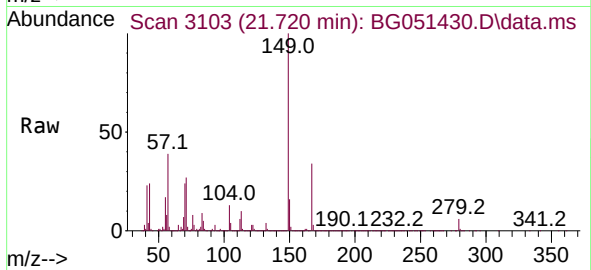
Tgt Ion:149 Resp: 3387776
Ion Ratio Lower Upper
149 100
91 86.6 65.2 97.8
206 32.7 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 371.749 ng/ul
RT: 21.720 min Scan# 3103
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

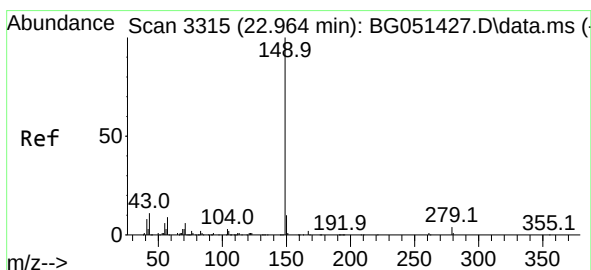
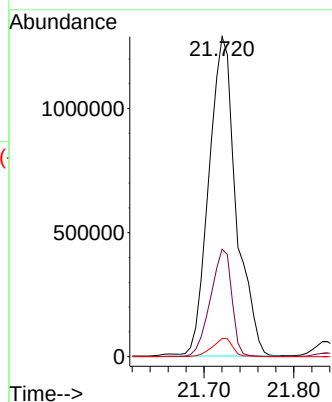
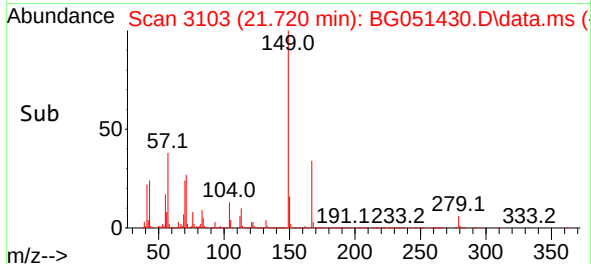
Instrument :
BNA_G
ClientSampleId :
BGKR9DL



Tgt Ion:149 Resp: 271311
Ion Ratio Lower Upper
149 100
167 33.6 21.1 31.7
279 5.7 2.7 4.1

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



#89
Di-n-octyl phthalate
Concen: 79.758 ng/ul
RT: 22.977 min Scan# 3317
Delta R.T. 0.012 min
Lab File: BG051430.D
Acq: 9 Dec 2021 12:38

Tgt Ion:149 Resp: 1003663

