

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051528.D
 Acq On : 15 Dec 2021 8:07
 Operator : CG/JU
 Sample : M4943-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 23:22:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	32583	20.000	ng/u1	0.00
20) Naphthalene-d8	11.130	136	137542	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.919	164	109018	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.663	188	238136	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.980	240	245365	20.000	ng/u1	# 0.00
88) Perylene-d12	25.481	264	258132	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	2780	3.543	ng/uL	0.00
4) Pyridine-d5	4.040	84	15772	6.653	ng/u1	0.00
7) Phenol-d5	7.424	99	12593m	4.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.594	67	46767	27.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.811	132	23956	11.840	ng/u1	0.00
15) 4-Methylphenol-d8	8.992	113	26523	11.794	ng/u1	0.01
21) Nitrobenzene-d5	9.456	128	25410	25.198	ng/u1	0.00
24) 2-Nitrophenol-d4	10.185	143	16813	15.252	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	37887	15.849	ng/u1	0.00
31) 4-Chloroaniline-d4	11.248	131	65097	20.683	ng/u1	0.00
46) Dimethylphthalate-d6	14.308	166	217835	24.965	ng/u1	0.00
49) Acenaphthylene-d8	14.614	160	272909	25.183	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	6440	4.538	ng/u1	0.00
60) Fluorene-d10	15.900	176	193059	24.695	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	4431	3.571	ng/u1	0.00
73) Anthracene-d10	17.763	188	311152	27.391	ng/u1	0.00
81) Pyrene-d10	20.036	212	355530	24.075	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.241	264	342328	25.205	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.471	94	2057562	711.272	ng/u1#	81
13) 2-Methylphenol	8.734	108	780532	357.611	ng/u1	97
16) Acetophenone	9.127	105	124793	35.328	ng/u1	95
18) 4-Methylphenol	9.063	108	548996	238.649	ng/u1	91
26) 2,4-Dimethylphenol	10.279	107	619570m	218.233	ng/u1	
30) Naphthalene	11.195	128	4209555	568.082	ng/u1#	85
32) 4-Chloroaniline	11.277	127	405203	126.077	ng/u1	98
36) 2-Methylnaphthalene	12.769	142	719518	136.105	ng/u1	100
37) 1-Methylnaphthalene	12.981	142	357639	65.155	ng/u1	96
43) 1,1'-Biphenyl	13.750	154	107272	12.846	ng/u1	97
47) Dimethylphthalate	14.355	163	89990	10.623	ng/u1#	96
52) Acenaphthene	14.978	153	53141	7.587	ng/u1	94
56) Dibenzofuran	15.307	168	84417	8.183	ng/u1	98
59) Diethylphthalate	15.718	149	948185	107.446	ng/u1	94
61) Fluorene	15.959	166	41939	4.934	ng/u1	98
67) N-Nitrosodiphenylamine	16.159	169	72411	11.305	ng/u1	89
72) Phenanthrene	17.704	178	59204	4.834	ng/u1#	96
77) Carbazole	18.056	167	14078	1.271	ng/u1#	78
78) Di-n-butylphthalate	18.608	149	180361	13.526	ng/u1	98
83) Butylbenzylphthalate	20.964	149	2575768	457.863	ng/u1#	92
86) Bis(2-ethylhexyl)phtha...	21.880	149	4479851	568.507	ng/u1#	69
89) Di-n-octyl phthalate	23.185	149	717603	51.613	ng/u1	100

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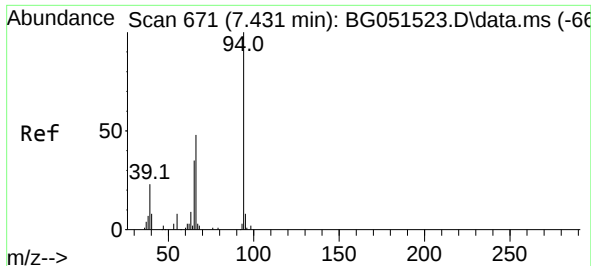
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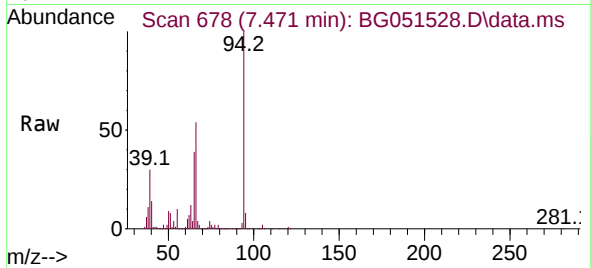
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#8
Phenol
Concen: 711.272 ng/ul
RT: 7.471 min Scan# 61
Delta R.T. 0.030 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

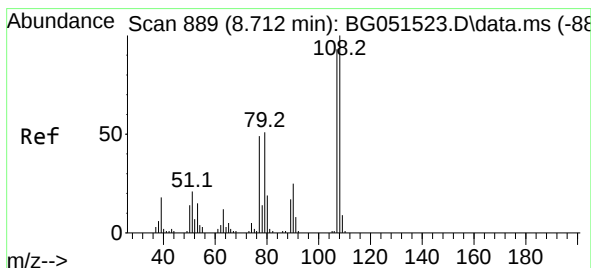
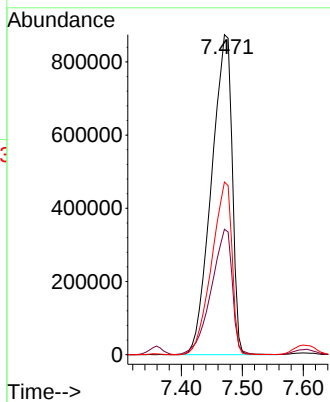
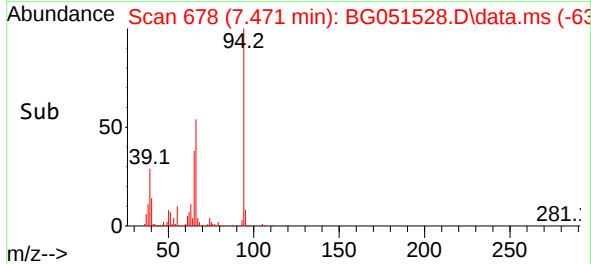
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion: 94 Resp: 2057562
Ion Ratio Lower Upper
94 100
65 39.2 25.1 37.7
66 54.0 31.6 47.4

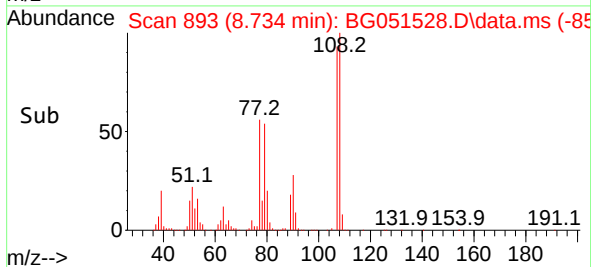
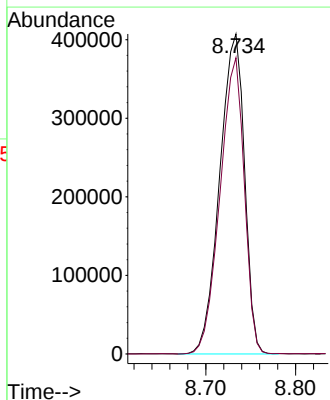
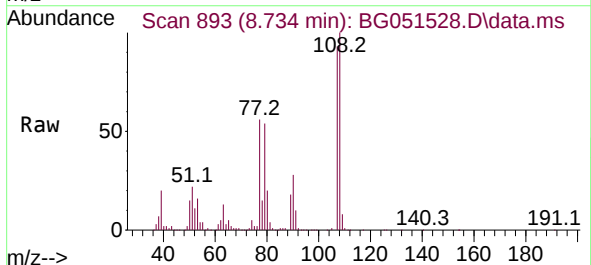
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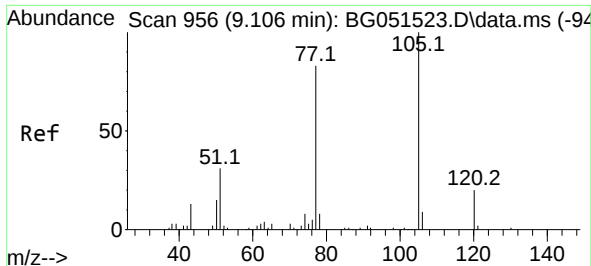
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#13
2-Methylphenol
Concen: 357.611 ng/ul
RT: 8.734 min Scan# 893
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

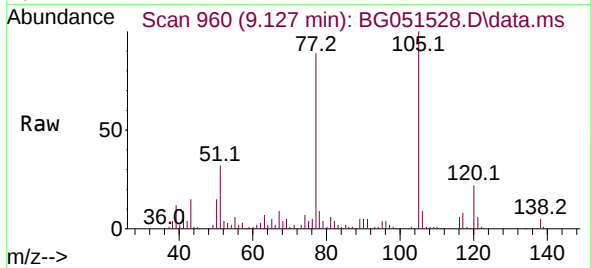
Tgt Ion:108 Resp: 780532
Ion Ratio Lower Upper
108 100
107 92.5 71.8 107.6





#16
Acetophenone
Concen: 35.328 ng/ul
RT: 9.127 min Scan# 901
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

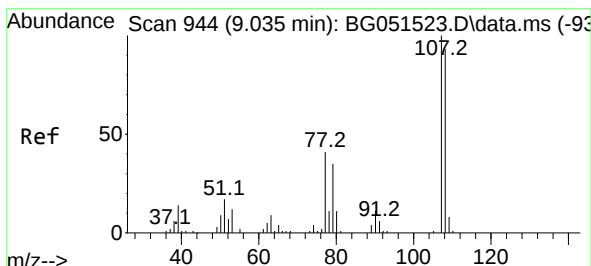
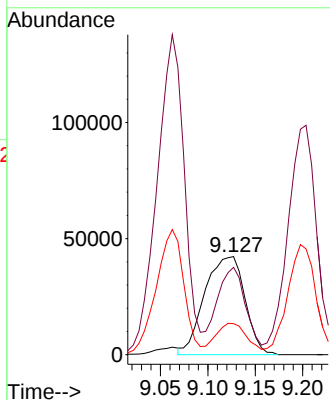
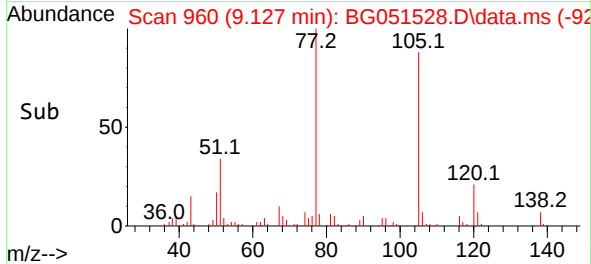
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion:105 Resp: 124791
Ion Ratio Lower Upper
105 100
77 89.1 67.3 100.9
51 31.7 24.0 36.0

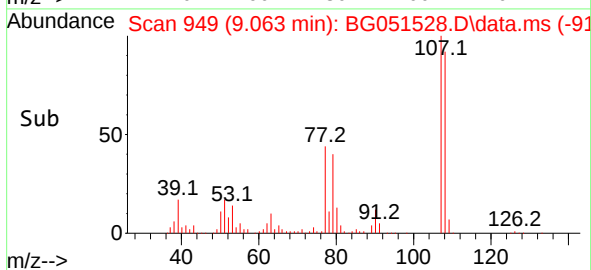
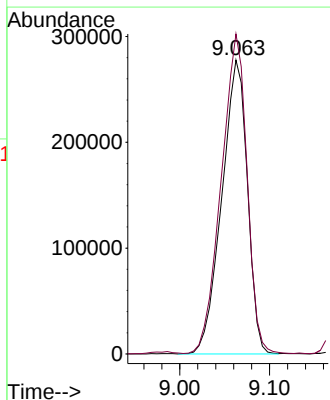
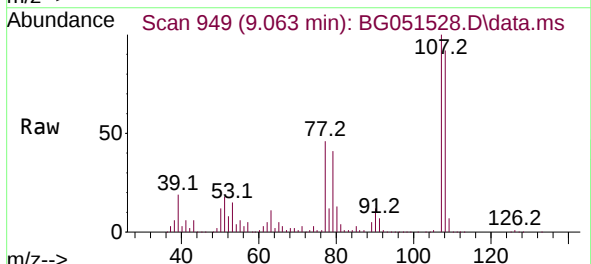
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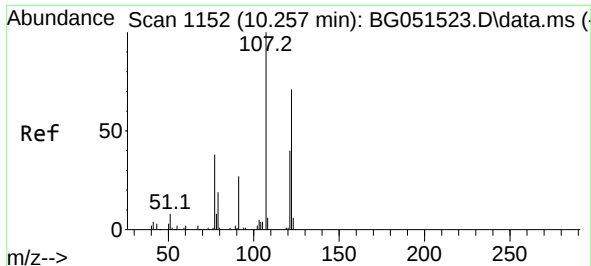
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#18
4-Methylphenol
Concen: 238.649 ng/ul
RT: 9.063 min Scan# 949
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

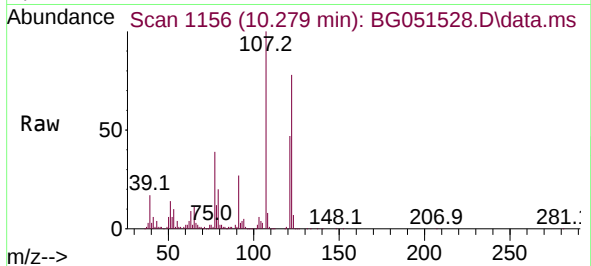
Tgt Ion:108 Resp: 548996
Ion Ratio Lower Upper
108 100
107 108.9 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 218.233 ng/ul m
RT: 10.279 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

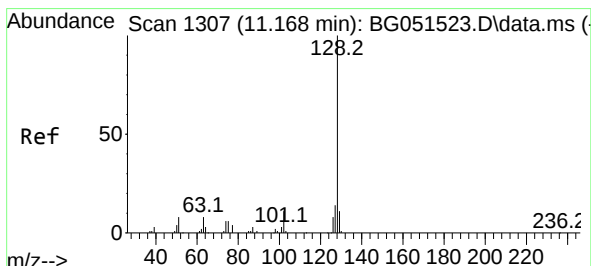
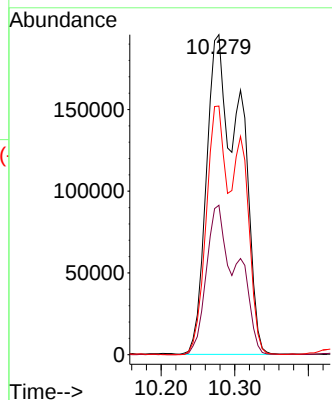
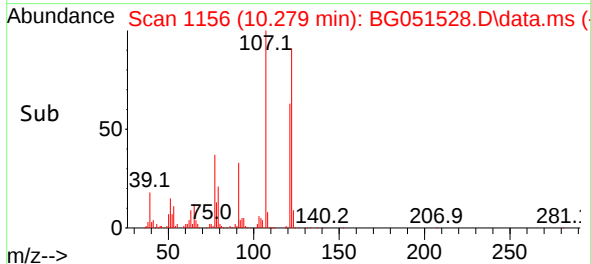
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion:107 Resp: 619570
Ion Ratio Lower Upper
107 100
121 46.7 39.3 58.9
122 77.7 63.7 95.5

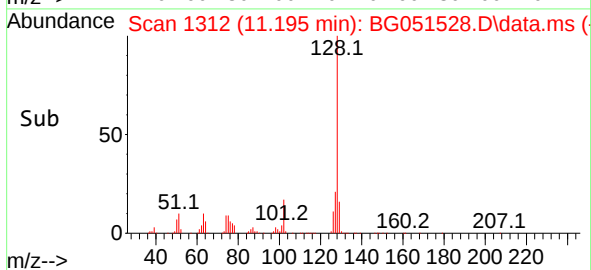
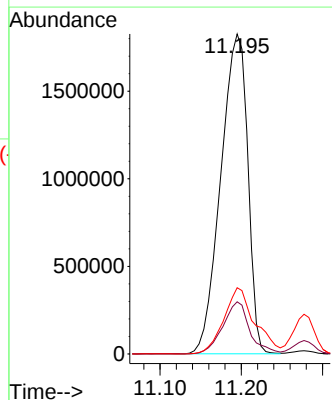
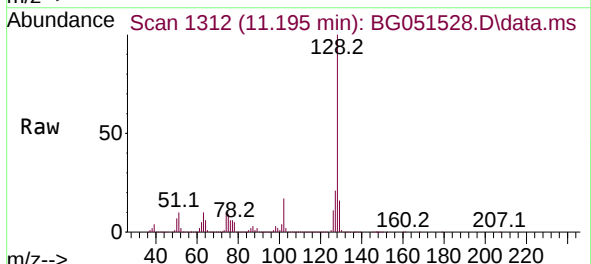
Manual Integrations
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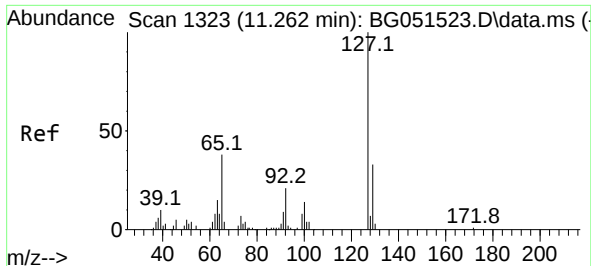
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 568.082 ng/ul
RT: 11.195 min Scan# 1312
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion:128 Resp: 4209555
Ion Ratio Lower Upper
128 100
129 16.3 8.5 12.7#
127 20.7 11.8 17.6#





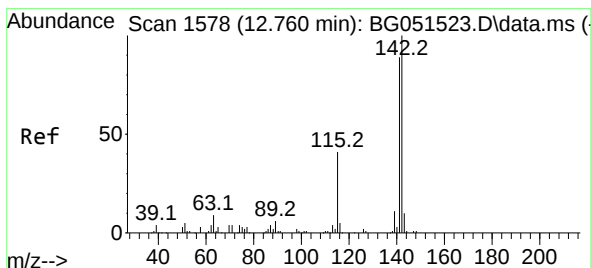
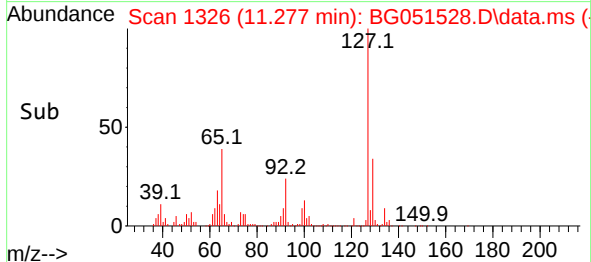
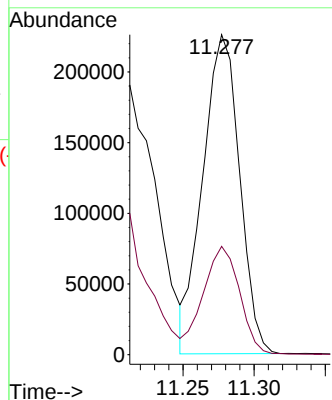
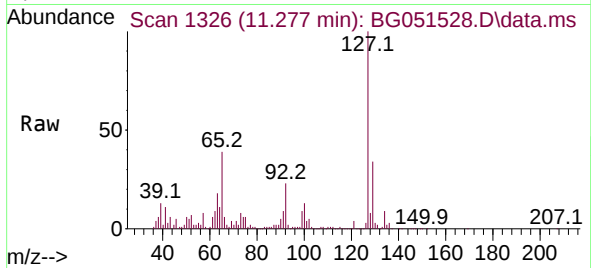
#32
4-Chloroaniline
Concen: 126.077 ng/ul
RT: 11.277 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Instrument :
BNA_G
ClientSampleId :
BGKQ1

Tgt Ion:127 Resp: 40520
Ion Ratio Lower Upper
127 100
129 33.9 26.2 39.2

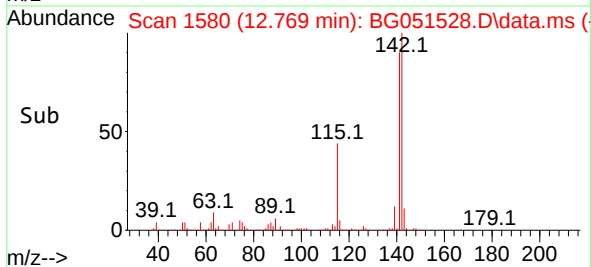
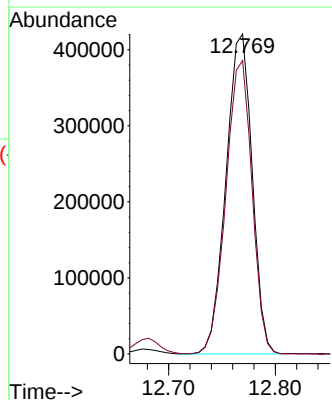
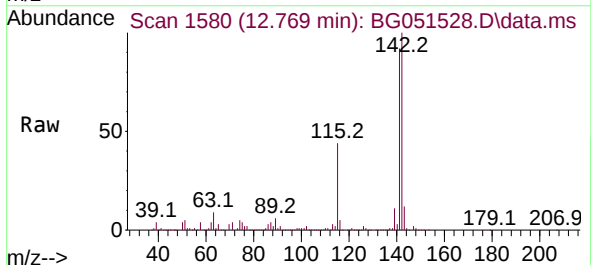
Manual Integrations
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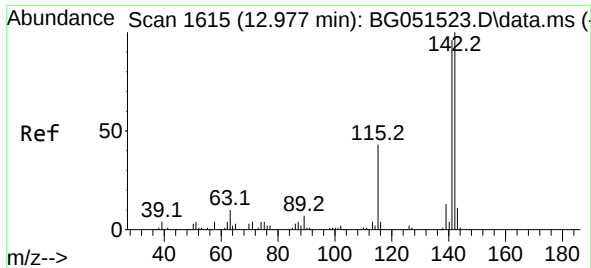
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 136.105 ng/ul
RT: 12.769 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion:142 Resp: 719518
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9





#37

1-Methylnaphthalene

Concen: 65.155 ng/ul

RT: 12.981 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG051528.D

Acq: 15 Dec 2021 8:07

Instrument :

BNA_G

ClientSampleId :

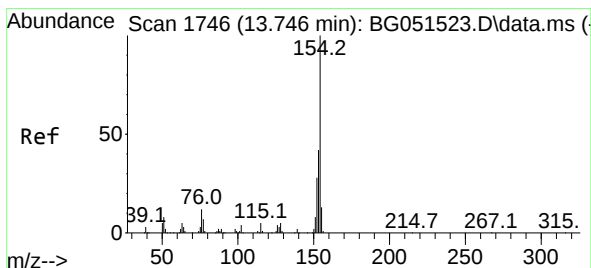
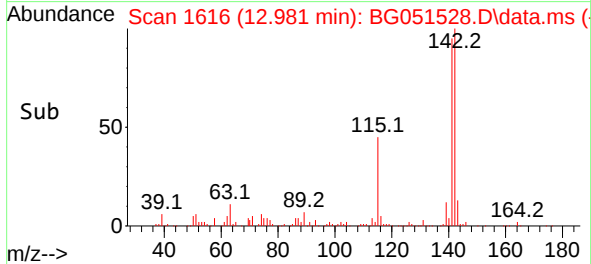
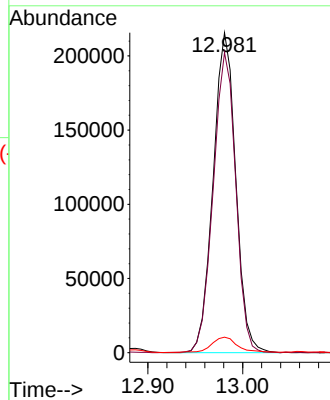
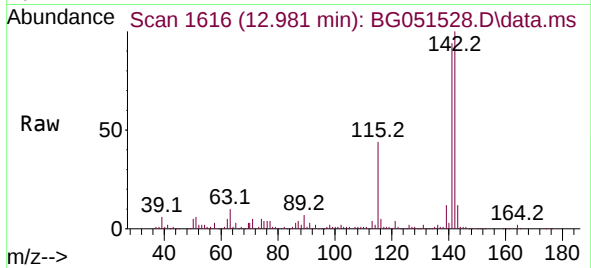
BGKQ1

Tgt Ion:142 Resp: 357639
 Ion Ratio Lower Upper
 142 100
 141 93.8 77.8 116.8
 116 4.8 3.3 4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 12.846 ng/ul

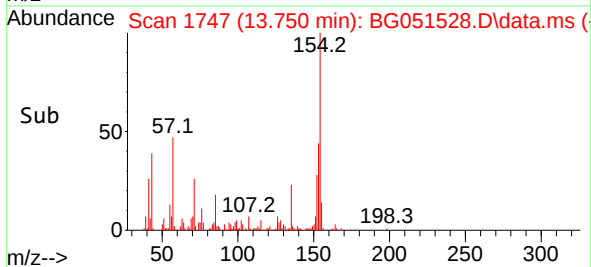
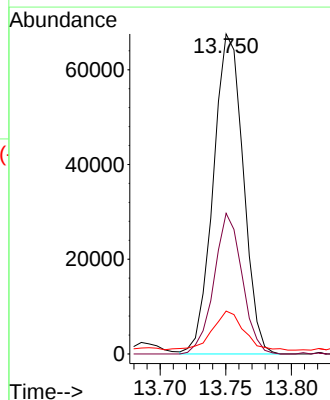
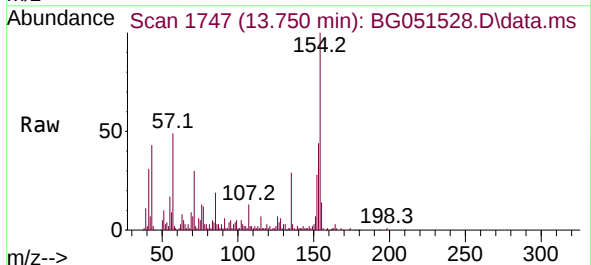
RT: 13.750 min Scan# 1747

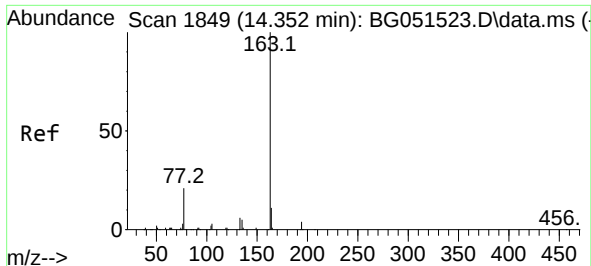
Delta R.T. -0.005 min

Lab File: BG051528.D

Acq: 15 Dec 2021 8:07

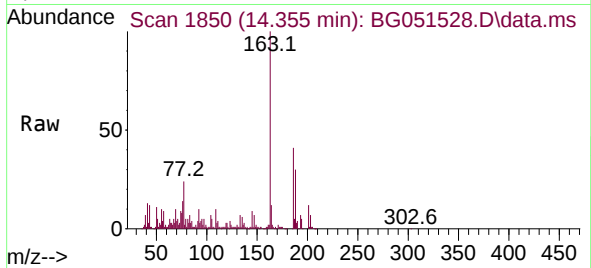
Tgt Ion:154 Resp: 107272
 Ion Ratio Lower Upper
 154 100
 153 44.0 34.5 51.7
 76 13.4 13.1 19.7





#47
Dimethylphthalate
Concen: 10.623 ng/ul
RT: 14.355 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

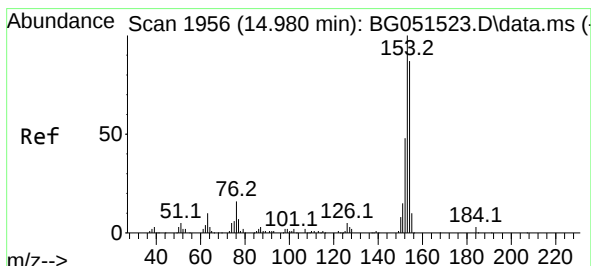
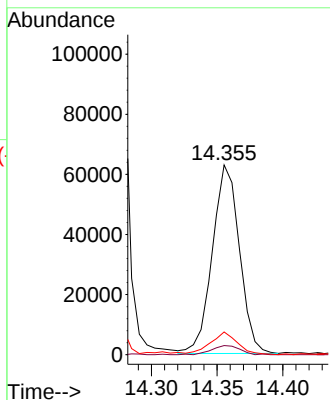
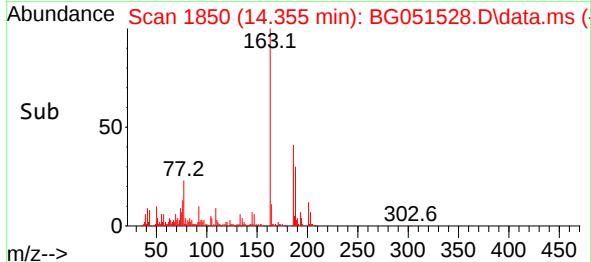
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion:163 Resp: 89990
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4
164 12.0 8.2 12.4

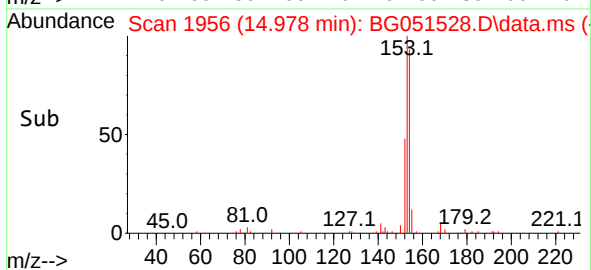
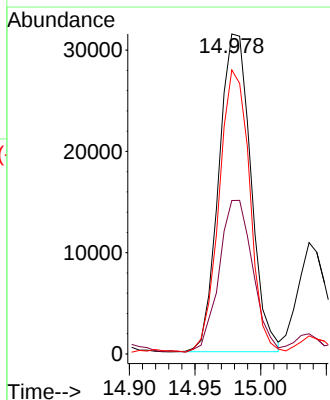
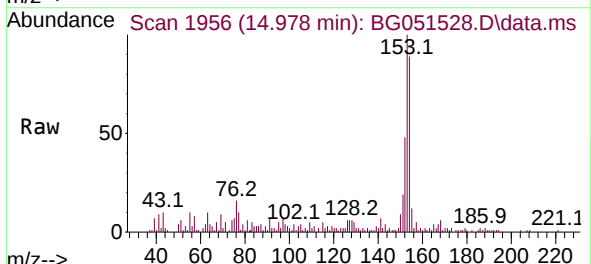
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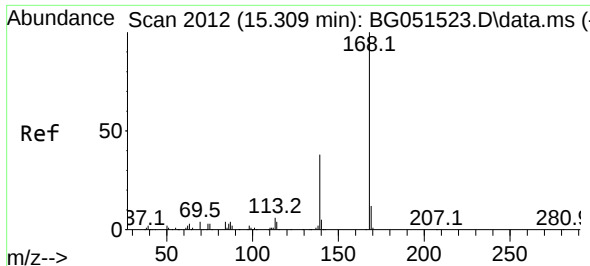
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#52
Acenaphthene
Concen: 7.587 ng/ul
RT: 14.978 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

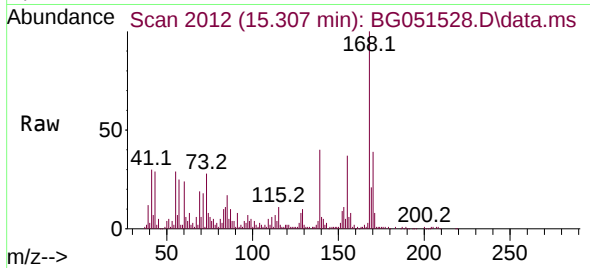
Tgt Ion:153 Resp: 53141
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 88.7 65.8 98.6





#56
Dibenzenofuran
Concen: 8.183 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

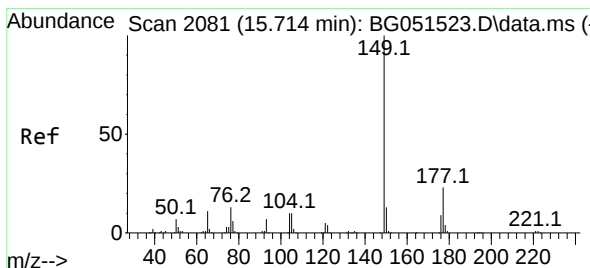
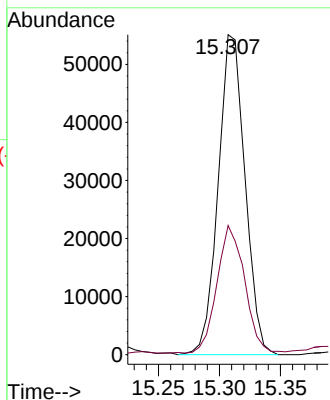
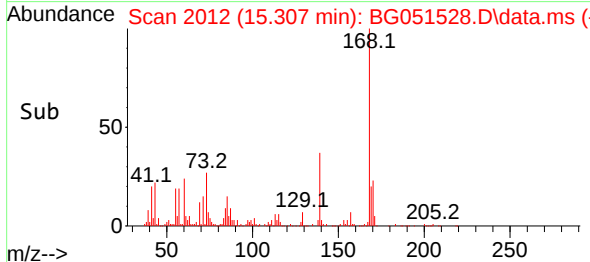
Instrument :
BNA_G
ClientSampleId :
BGKQ1



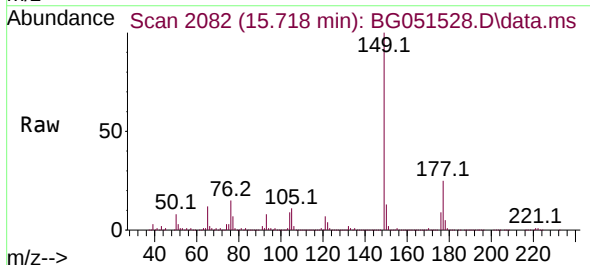
Tgt Ion:168 Resp: 8441
Ion Ratio Lower Upper
168 100
139 40.4 31.2 46.8

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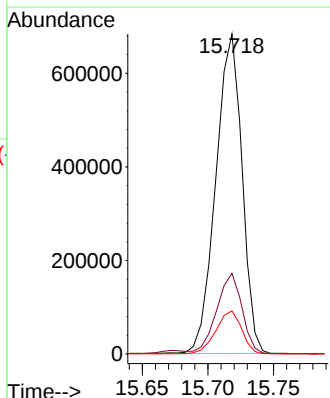
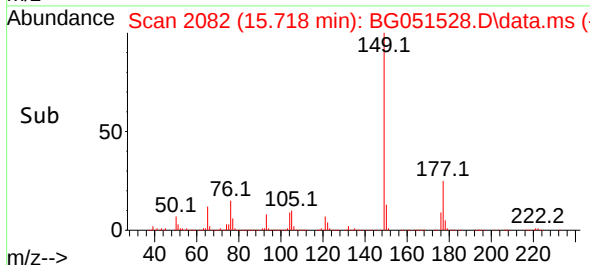
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

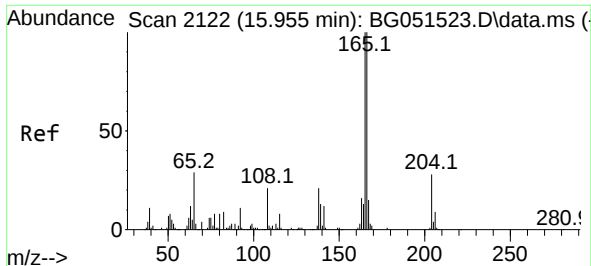


#59
Diethylphthalate
Concen: 107.446 ng/ul
RT: 15.718 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07



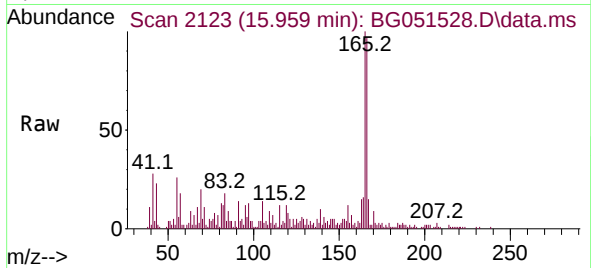
Tgt Ion:149 Resp: 948185
Ion Ratio Lower Upper
149 100
177 25.2 16.8 25.2
150 13.4 10.1 15.1





#61
Fluorene
Concen: 4.934 ng/ul
RT: 15.959 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

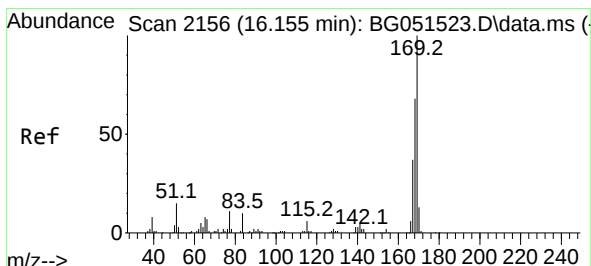
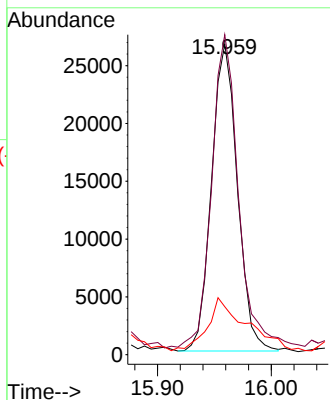
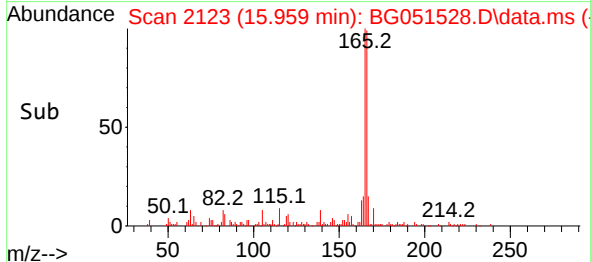
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion:166 Resp: 41939
Ion Ratio Lower Upper
166 100
165 103.0 81.0 121.6
167 15.5 11.0 16.4

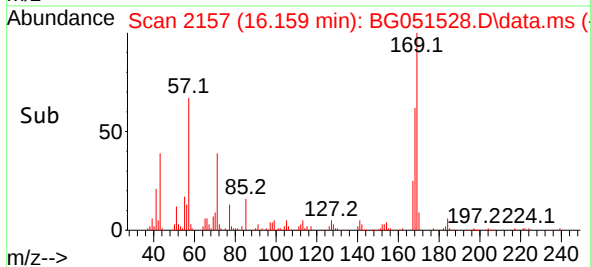
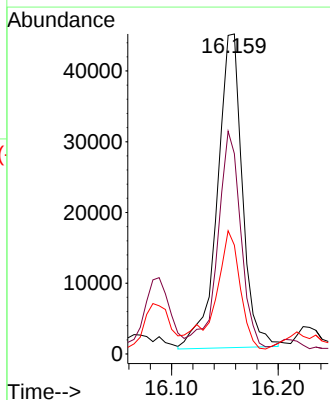
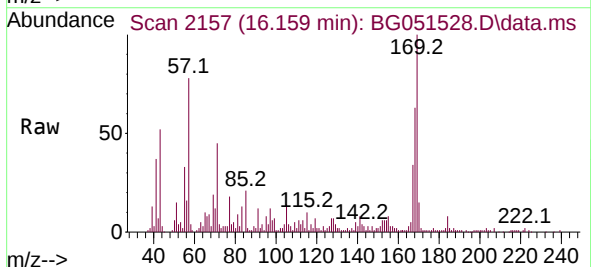
Manual Integrations
APPROVED

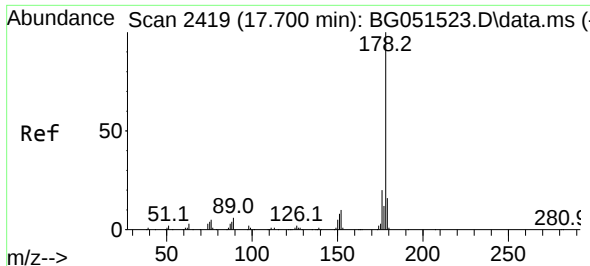
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#67
N-Nitrosodiphenylamine
Concen: 11.305 ng/ul
RT: 16.159 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

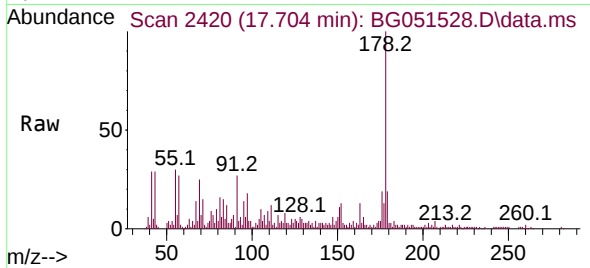
Tgt Ion:169 Resp: 72411
Ion Ratio Lower Upper
169 100
168 62.6 58.5 87.7
167 34.0 31.3 46.9





#72
Phenanthrene
Concen: 4.834 ng/ul
RT: 17.704 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

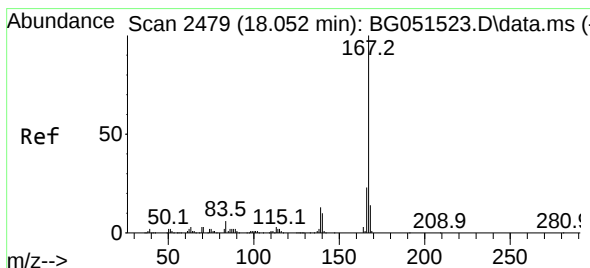
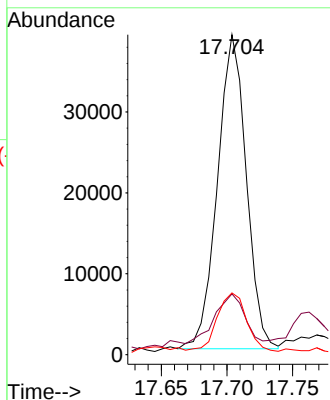
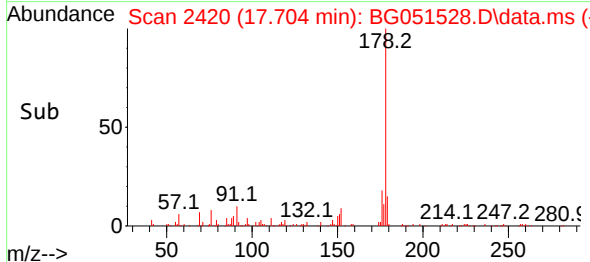
Instrument :
BNA_G
ClientSampleId :
BGKQ1



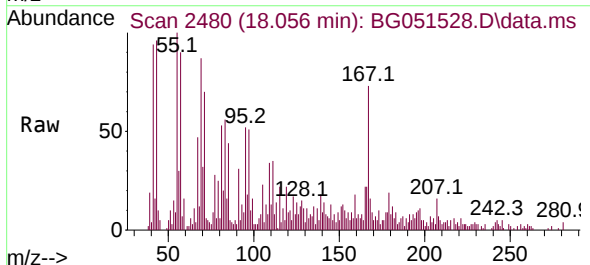
Tgt Ion:178 Resp: 59204
Ion Ratio Lower Upper
178 100
179 19.0 12.3 18.5#
176 19.3 15.5 23.3#

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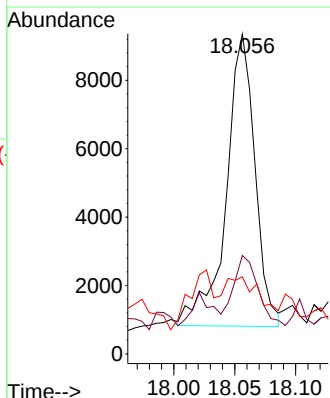
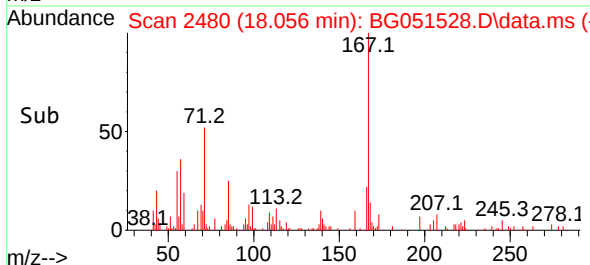
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

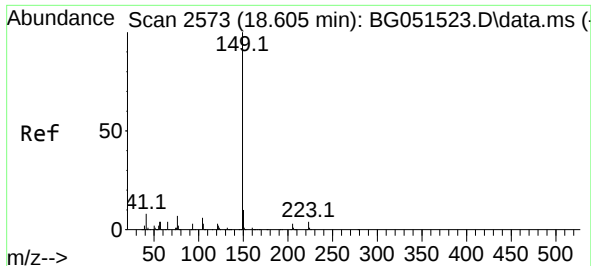


#77
Carbazole
Concen: 1.271 ng/ul
RT: 18.056 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07



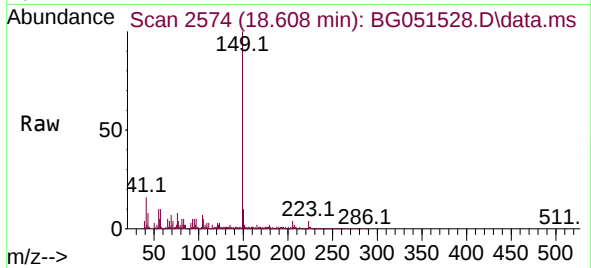
Tgt Ion:167 Resp: 14078
Ion Ratio Lower Upper
167 100
166 30.8 17.3 25.9#
139 24.1 10.6 16.0#





#78
Di-n-butylphthalate
Concen: 13.526 ng/ul
RT: 18.608 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

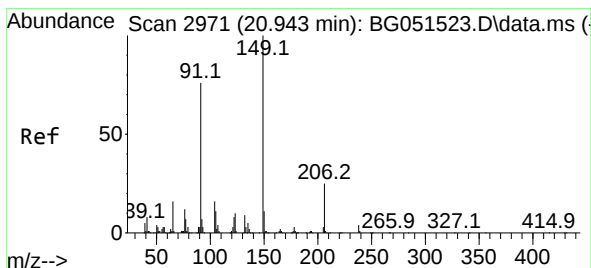
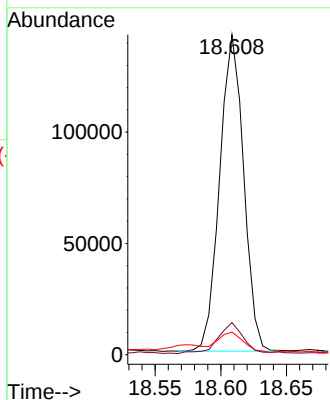
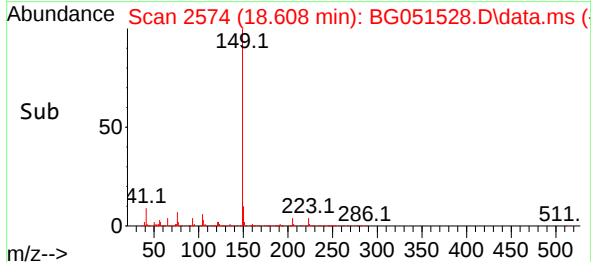
Instrument :
BNA_G
ClientSampleId :
BGKQ1



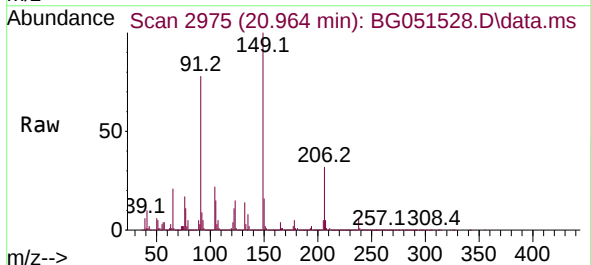
Tgt Ion:149 Resp: 18036
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 7.0 5.0 7.6

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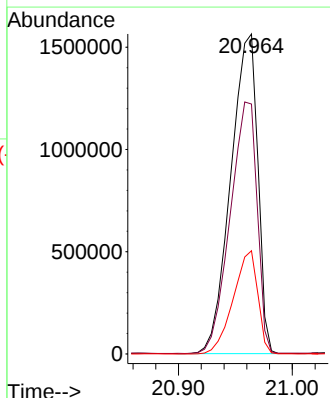
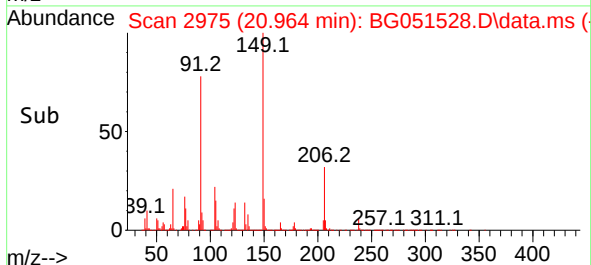
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

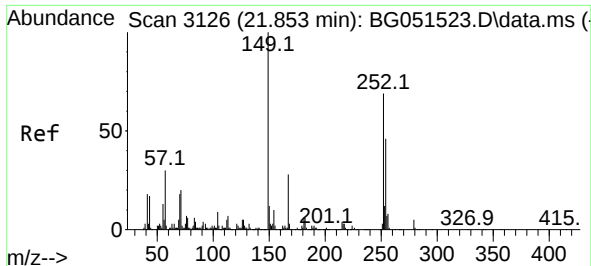


#83
Butylbenzylphthalate
Concen: 457.863 ng/ul
RT: 20.964 min Scan# 2975
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07



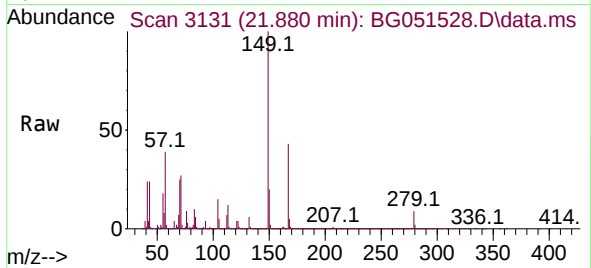
Tgt Ion:149 Resp: 2575768
Ion Ratio Lower Upper
149 100
91 78.1 65.2 97.8
206 32.2 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 568.507 ng/ul
RT: 21.880 min Scan# 3126
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

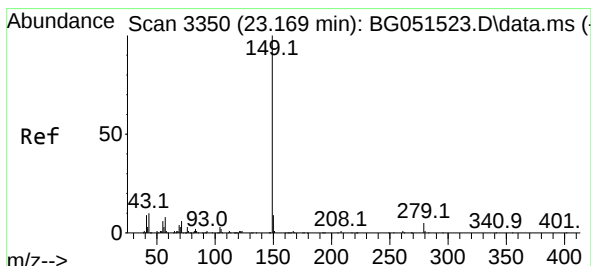
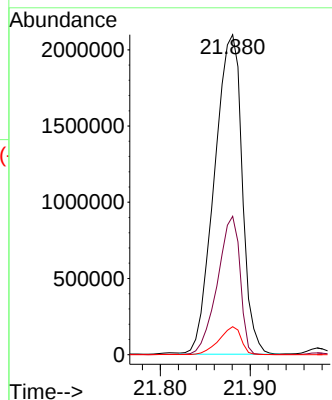
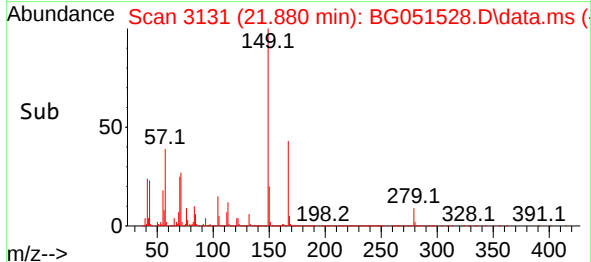
Instrument :
BNA_G
ClientSampleId :
BGKQ1



Tgt Ion:149 Resp: 447985
Ion Ratio Lower Upper
149 100
167 43.3 21.1 31.7
279 8.8 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#89
Di-n-octyl phthalate
Concen: 51.613 ng/ul
RT: 23.185 min Scan# 3353
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion:149 Resp: 717603

