

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051585.D
 Acq On : 17 Dec 2021 1:00
 Operator : CG/JU
 Sample : M4943-01DL 10X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 17 01:47:41 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	8.276	152	28208	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.119	136	116028	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.914	164	93130	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	226304	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	244669	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	262919	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.412	99	1107	0.440	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	5269	3.519	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	2642	1.508	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	2581	1.326	ng/ul	-0.01
21) Nitrobenzene-d5	9.445	128	2232	2.624	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.185	143	1609m	1.730	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	3568	1.769	ng/ul	0.00
31) 4-Chloroaniline-d4	11.236	131	6301	2.373	ng/ul	0.00
46) Dimethylphthalate-d6	14.303	166	22606	3.033	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	27659	2.988	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	607	0.501	ng/ul	-0.01
60) Fluorene-d10	15.901	176	20724	3.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.995	200	1300	1.103	ng/ul	-0.02
73) Anthracene-d10	17.751	188	35785	3.315	ng/ul	-0.01
81) Pyrene-d10	20.030	212	44820	3.044	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.223	264	43756	3.163	ng/ul	-0.03
Target Compounds						
					Qvalue	
8) Phenol	7.436	94	234479	93.628	ng/ul#	84
13) 2-Methylphenol	8.710	108	81401	43.079	ng/ul	98
16) Acetophenone	9.098	105	14525	4.750	ng/ul#	77
18) 4-Methylphenol	9.033	108	56491	28.365	ng/ul	97
26) 2,4-Dimethylphenol	10.255	107	62466m	26.082	ng/ul	
30) Naphthalene	11.166	128	509640	81.529	ng/ul	97
32) 4-Chloroaniline	11.260	127	40932	15.097	ng/ul	97
36) 2-Methylnaphthalene	12.758	142	72133	16.175	ng/ul	96
37) 1-Methylnaphthalene	12.969	142	35520	7.671	ng/ul#	98
43) 1,1'-Biphenyl	13.751	154	10384	1.456	ng/ul#	87
47) Dimethylphthalate	14.344	163	9629	1.331	ng/ul#	93
56) Dibenzofuran	15.307	168	9369	1.063	ng/ul#	87
59) Diethylphthalate	15.707	149	105073	13.938	ng/ul	97
67) N-Nitrosodiphenylamine	16.147	169	7834	1.287	ng/ul	93
78) Di-n-butylphthalate	18.603	149	22287	1.759	ng/ul#	95
83) Butylbenzylphthalate	20.941	149	349032	62.220	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.851	149	674988	85.902	ng/ul#	97
89) Di-n-octyl phthalate	23.167	149	84505	5.967	ng/ul	100

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

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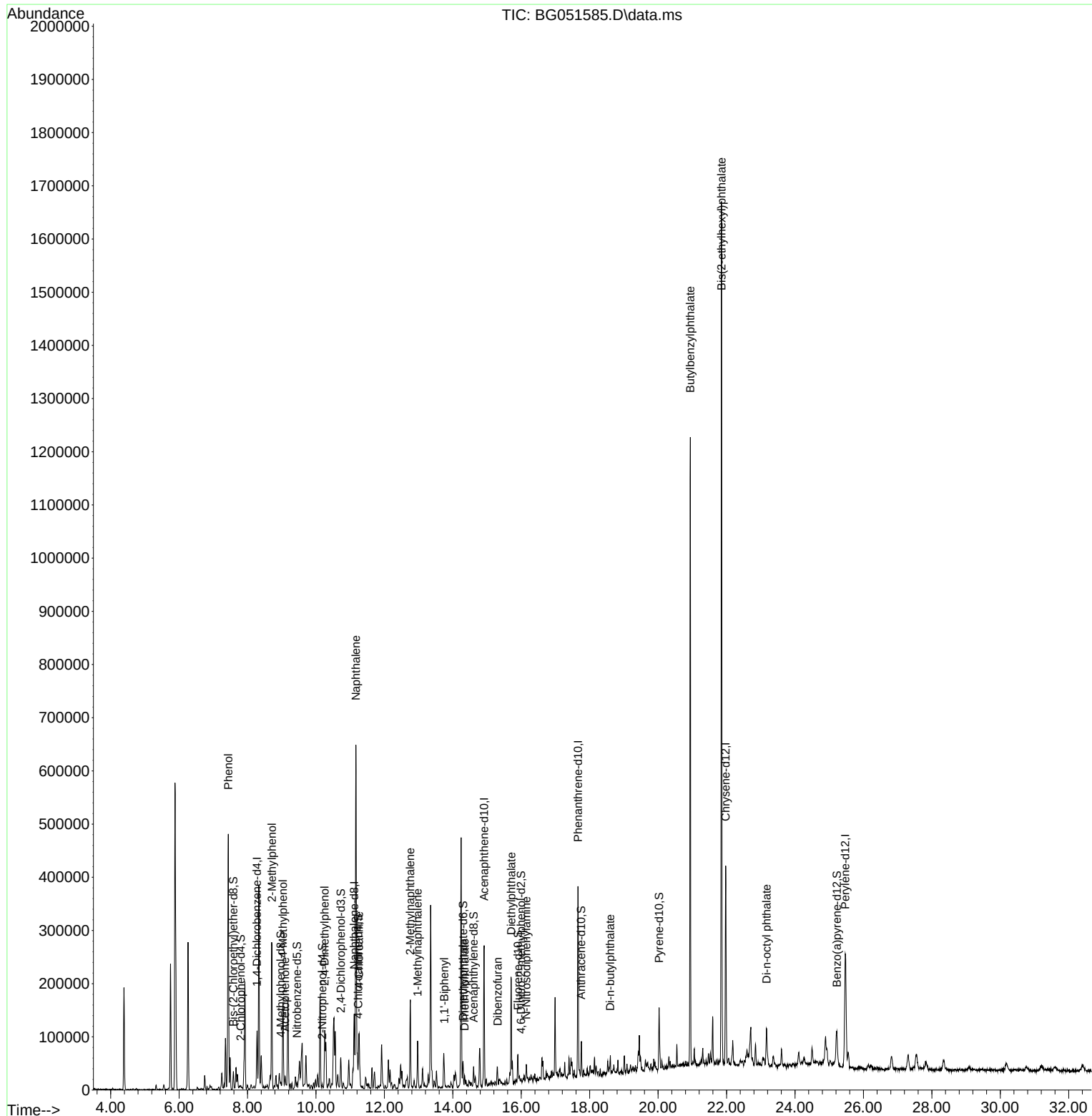
BGKQ1DL

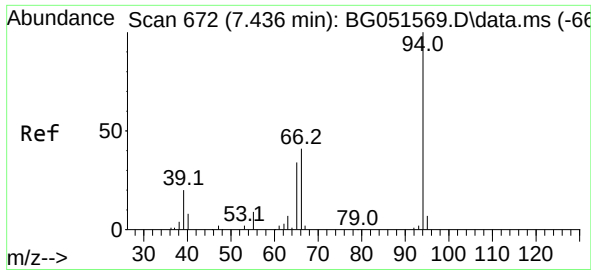
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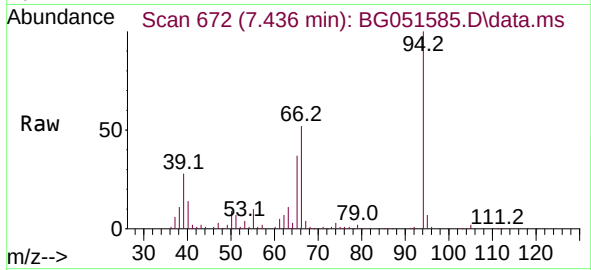
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 Quant Title : SVOA CALIBRATION
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#8
Phenol
Concen: 93.628 ng/ul
RT: 7.436 min Scan# 672
Delta R.T. -0.005 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

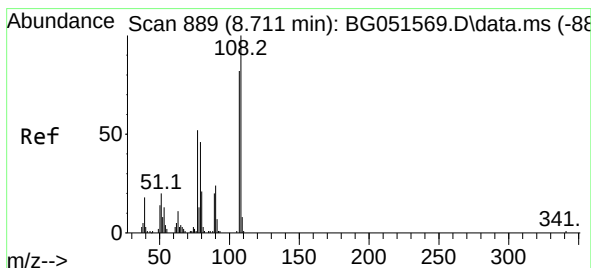
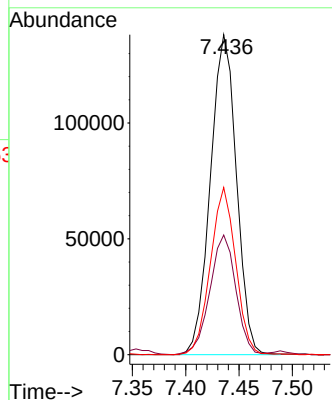
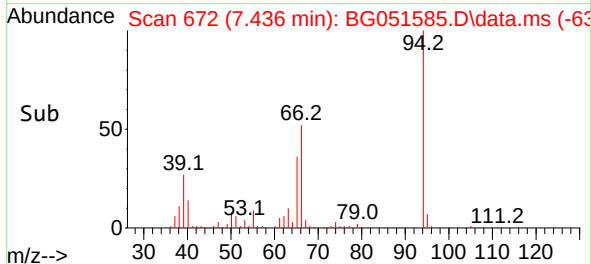
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion: 94 Resp: 234479
Ion Ratio Lower Upper
94 100
65 37.4 25.1 37.7
66 52.3 31.6 47.4

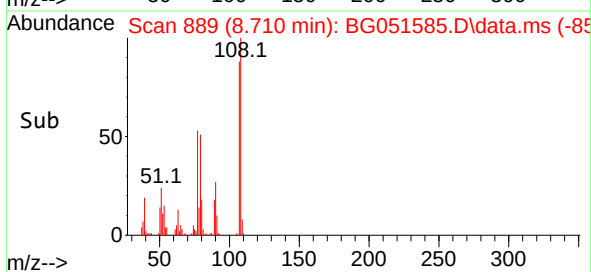
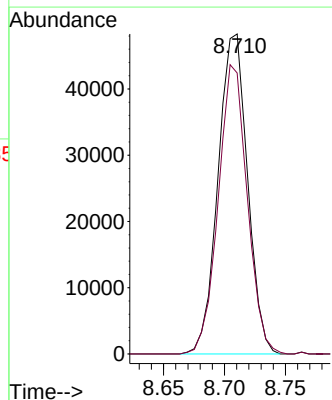
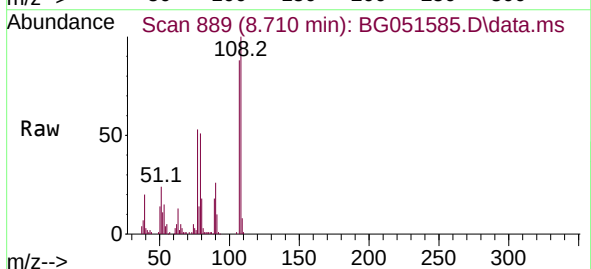
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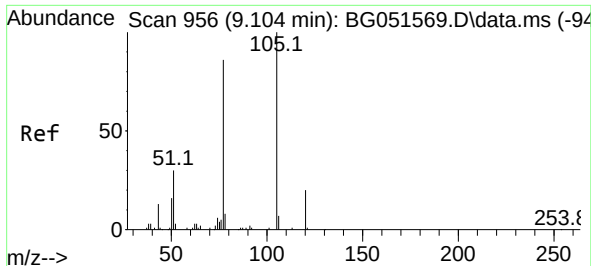
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#13
2-Methylphenol
Concen: 43.079 ng/ul
RT: 8.710 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Tgt Ion:108 Resp: 81401
Ion Ratio Lower Upper
108 100
107 87.8 71.8 107.6





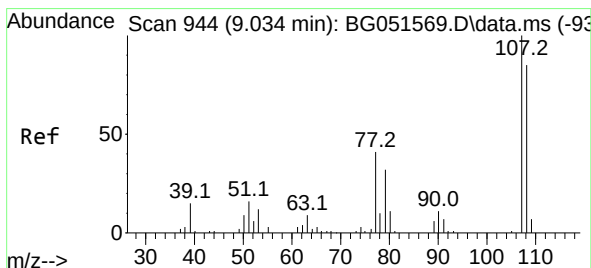
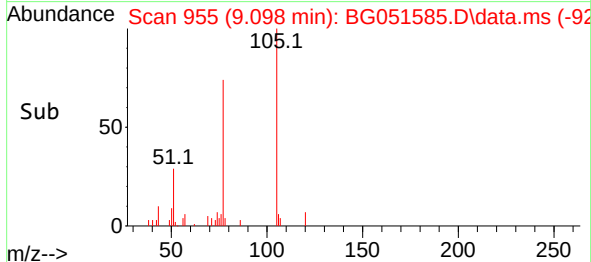
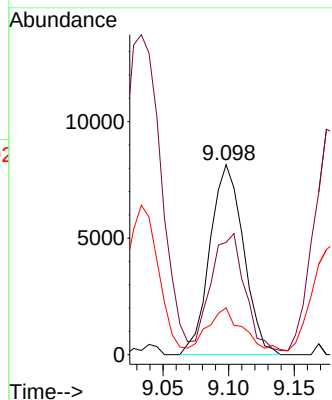
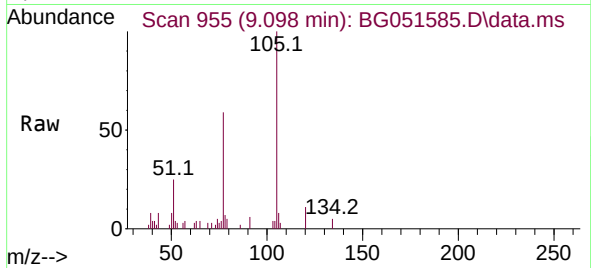
#16
Acetophenone
Concen: 4.750 ng/ul
RT: 9.098 min Scan# 910
Delta R.T. -0.017 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Instrument :
BNA_G
ClientSampleId :
BGKQ1DL

Tgt Ion:105 Resp: 1452
Ion Ratio Lower Upper
105 100
77 59.1 67.3 100.9
51 24.6 24.0 36.0

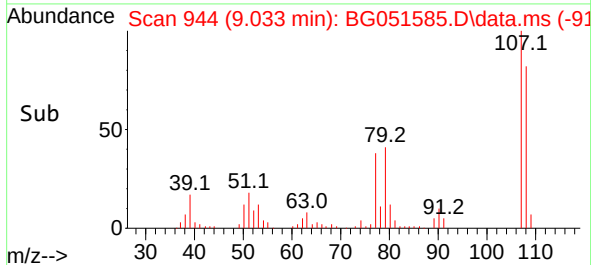
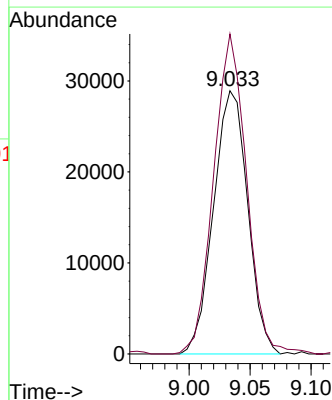
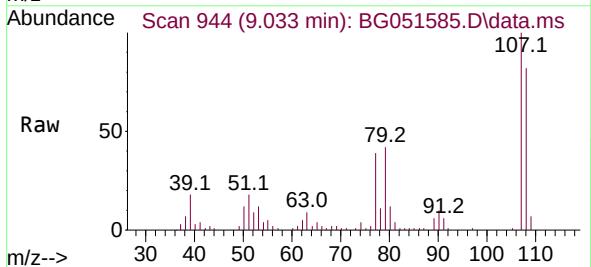
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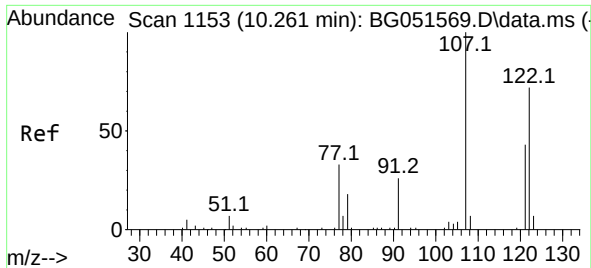
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#18
4-Methylphenol
Concen: 28.365 ng/ul
RT: 9.033 min Scan# 944
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

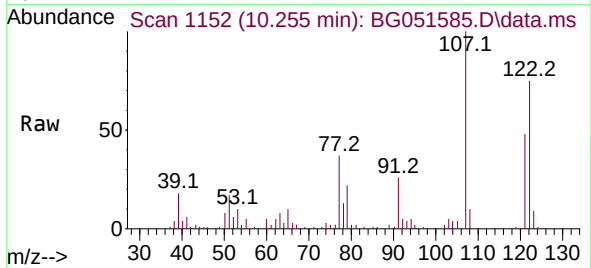
Tgt Ion:108 Resp: 56491
Ion Ratio Lower Upper
108 100
107 121.6 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 26.082 ng/ul m
RT: 10.255 min Scan# 1152
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

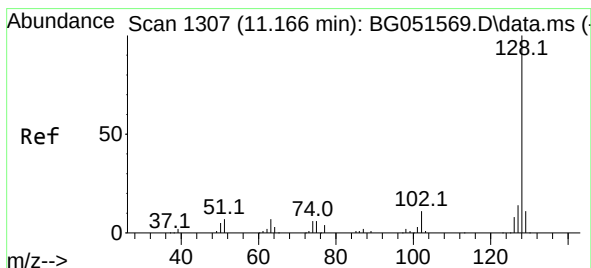
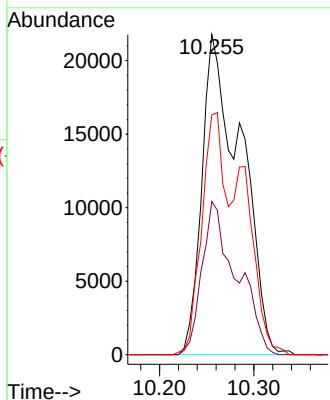
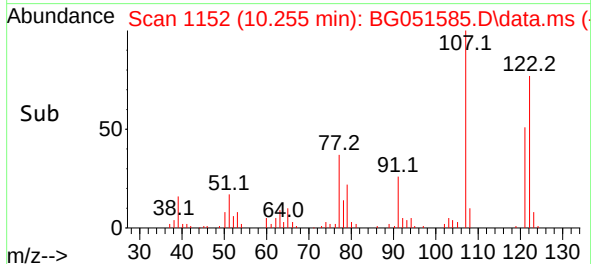
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



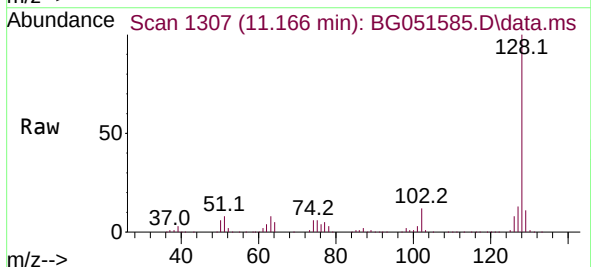
Tgt Ion:107 Resp: 62460
Ion Ratio Lower Upper
107 100
121 47.9 39.3 58.9
122 74.9 63.7 95.5

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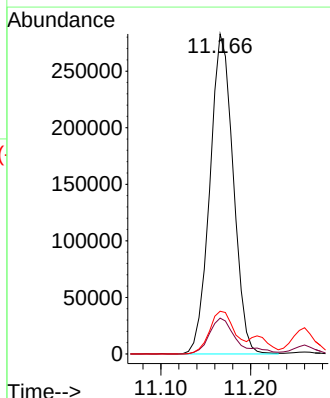
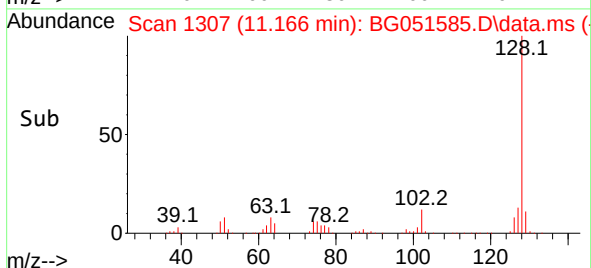
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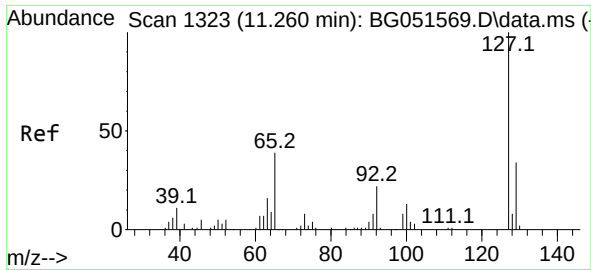


#30
Naphthalene
Concen: 81.529 ng/ul
RT: 11.166 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00



Tgt Ion:128 Resp: 509640
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.4 11.8 17.6





#32
4-Chloroaniline
Concen: 15.097 ng/ul
RT: 11.260 min Scan# 1123
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Instrument :

BNA_G

ClientSampleId :

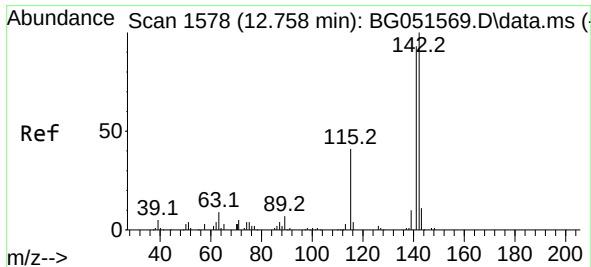
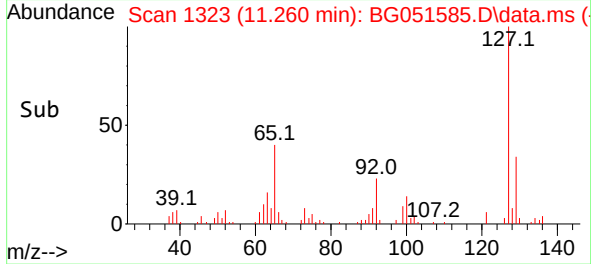
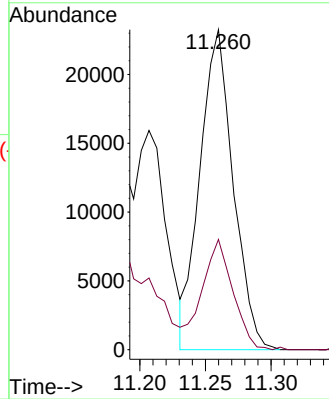
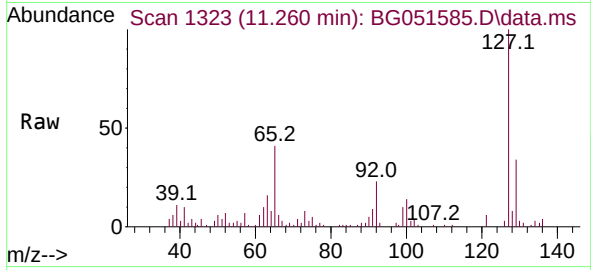
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Tgt Ion:127 Resp: 40932
Ion Ratio Lower Upper
127 100
129 34.4 26.2 39.2

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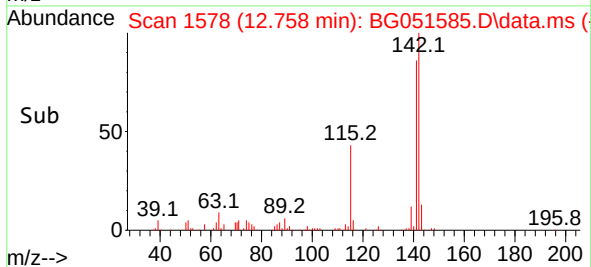
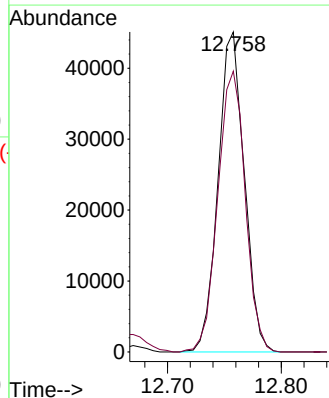
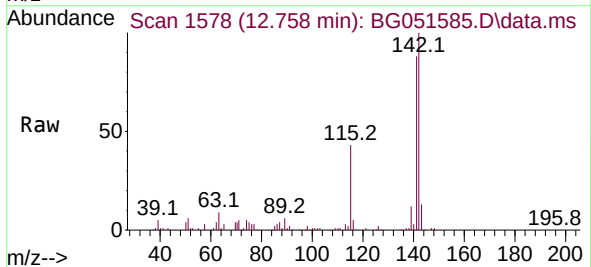
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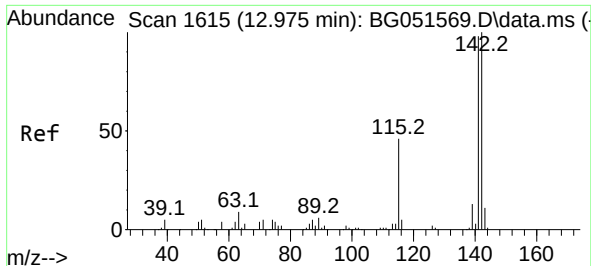
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 16.175 ng/ul
RT: 12.758 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Tgt Ion:142 Resp: 72133
Ion Ratio Lower Upper
142 100
141 87.8 73.3 109.9





#37

1-Methylnaphthalene

Concen: 7.671 ng/ul

RT: 12.969 min Scan# 1614

Delta R.T. -0.017 min

Lab File: BG051585.D

Acq: 17 Dec 2021 1:00

Instrument :

BNA_G

ClientSampleId :

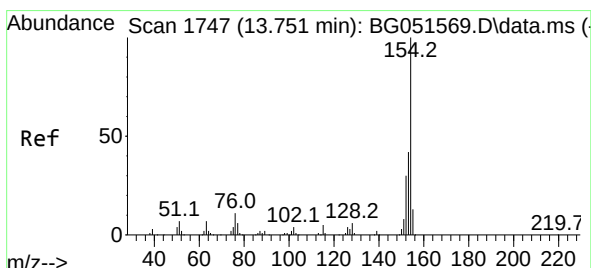
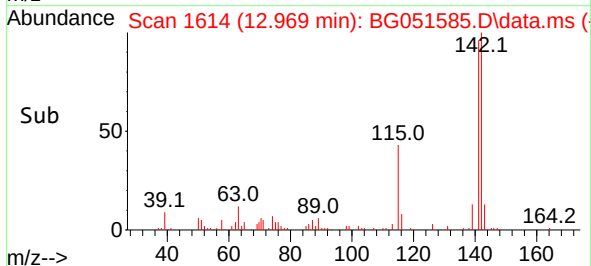
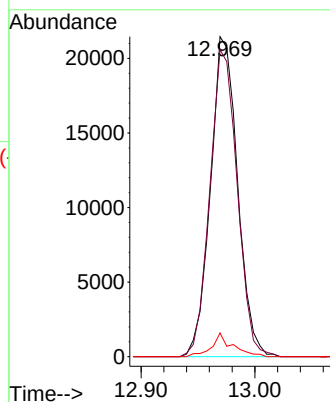
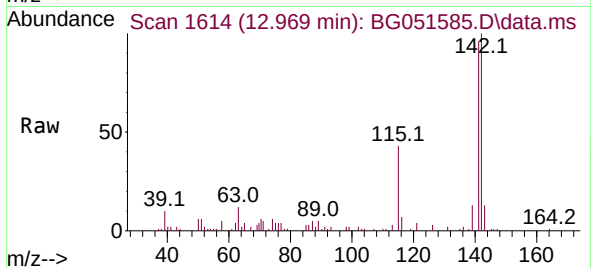
BGKQ1DL

Tgt Ion:	142	Resp:	35520
Ion Ratio	Lower	Upper	
142	100		
141	95.9	77.8	116.8
116	7.4	3.3	4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 1.456 ng/ul

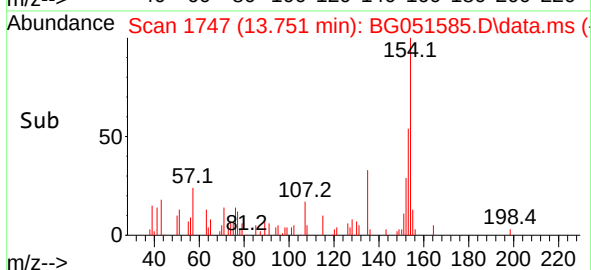
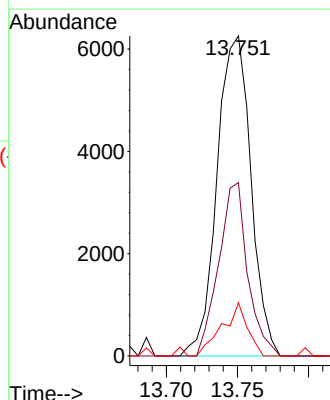
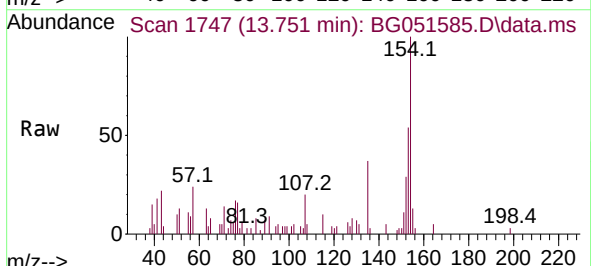
RT: 13.751 min Scan# 1747

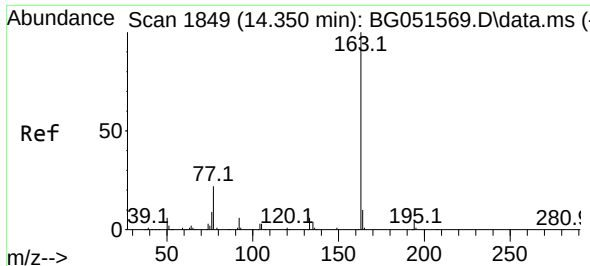
Delta R.T. -0.005 min

Lab File: BG051585.D

Acq: 17 Dec 2021 1:00

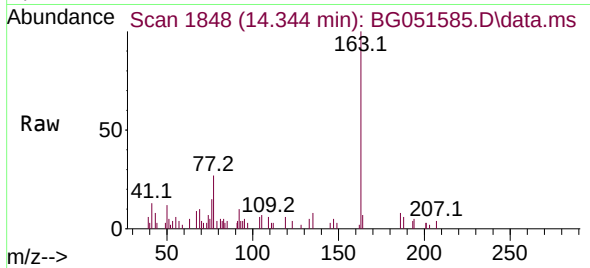
Tgt Ion:	154	Resp:	10384
Ion Ratio	Lower	Upper	
154	100		
153	54.2	34.5	51.7#
76	16.7	13.1	19.7





#47
Dimethylphthalate
Concen: 1.331 ng/ul
RT: 14.344 min Scan# 1849
Delta R.T. -0.017 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

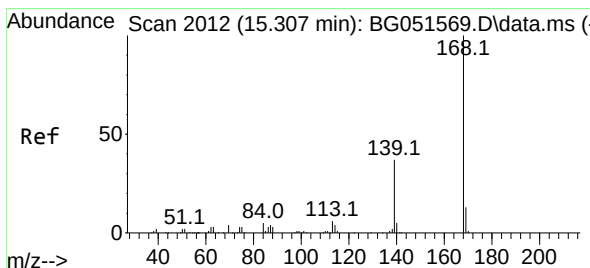
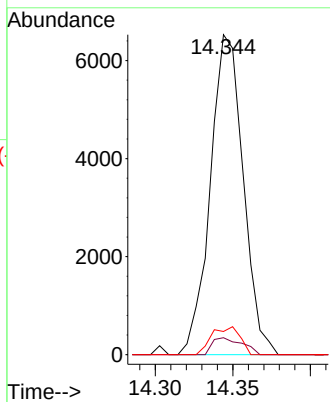
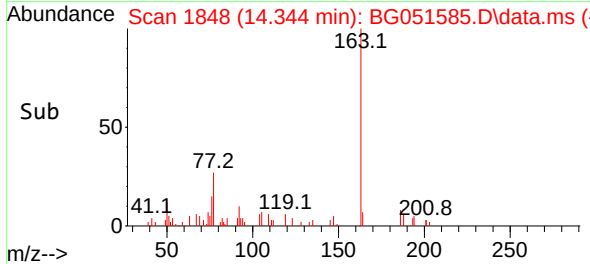
Instrument :
BNA_G
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BGKQ1DL



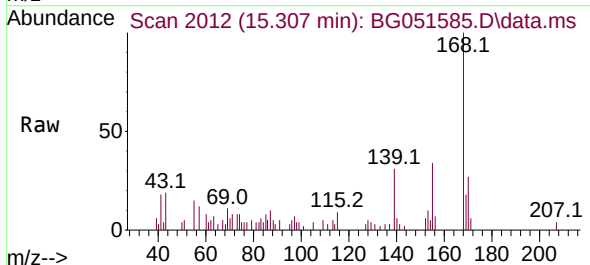
Tgt Ion:163 Resp: 9629
Ion Ratio Lower Upper
163 100
194 5.3 3.0 4.4
164 7.3 8.2 12.4

Manual Integrations
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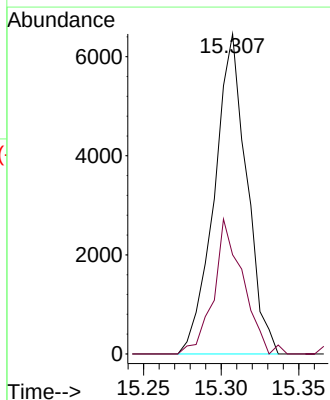
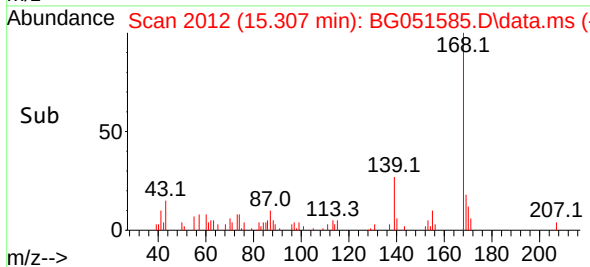
Reviewed By :Jagrut Upadhyay 12/17/2021
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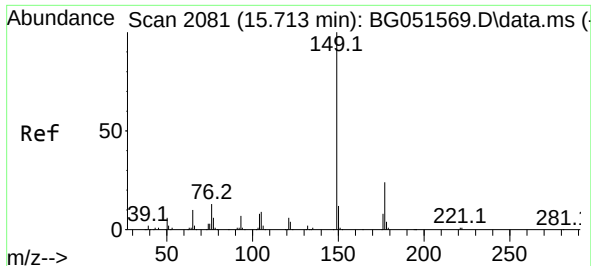


#56
Dibenzofuran
Concen: 1.063 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00



Tgt Ion:168 Resp: 9369
Ion Ratio Lower Upper
168 100
139 31.0 31.2 46.8#





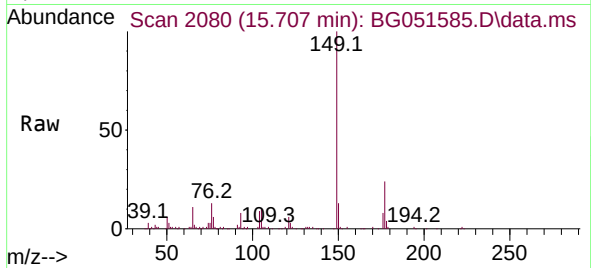
#59
Diethylphthalate
Concen: 13.938 ng/ul
RT: 15.707 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Instrument :

BNA_G

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BGKQ1DL

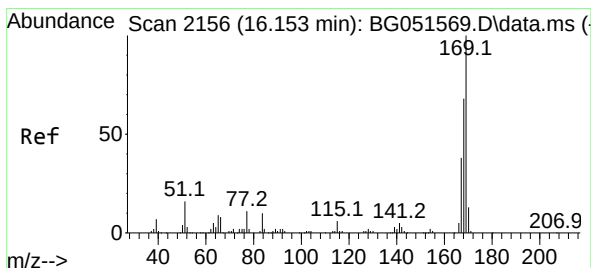
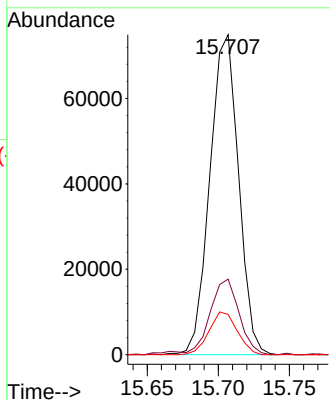
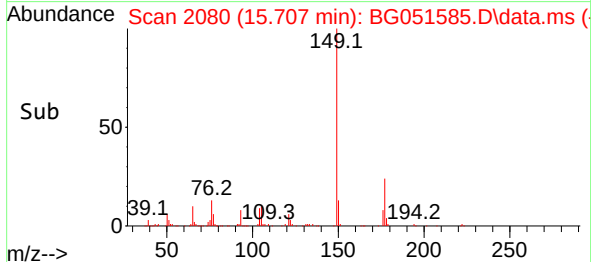


Tgt Ion:149 Resp: 10507
Ion Ratio Lower Upper
149 100
177 23.6 16.8 25.2
150 12.6 10.1 15.1

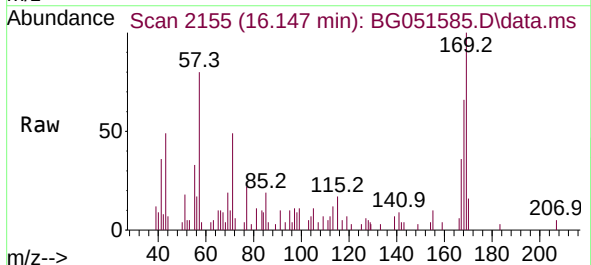
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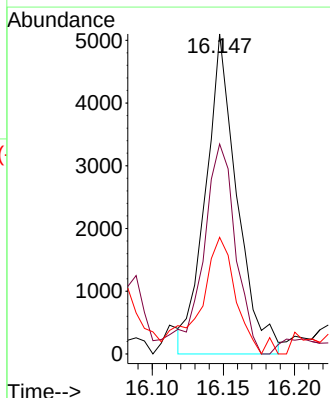
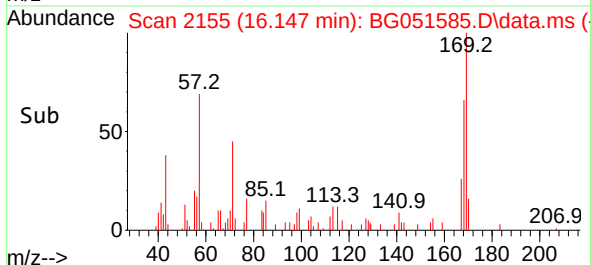
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021

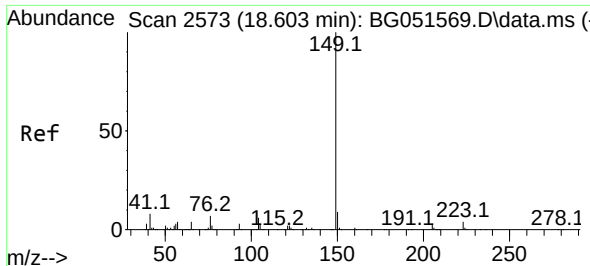


#67
N-Nitrosodiphenylamine
Concen: 1.287 ng/ul
RT: 16.147 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00



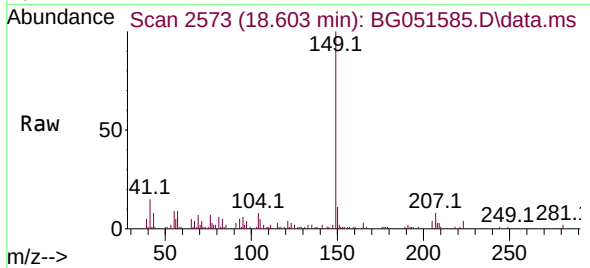
Tgt Ion:169 Resp: 7834
Ion Ratio Lower Upper
169 100
168 65.6 58.5 87.7
167 36.4 31.3 46.9





#78
Di-n-butylphthalate
Concen: 1.759 ng/ul
RT: 18.603 min Scan# 2573
Delta R.T. -0.011 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

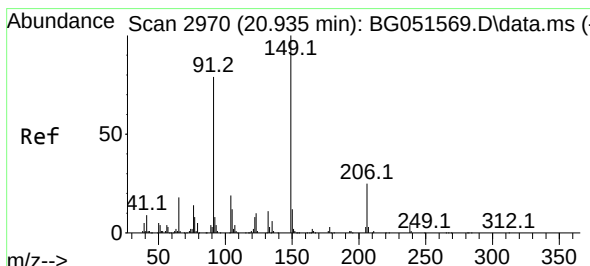
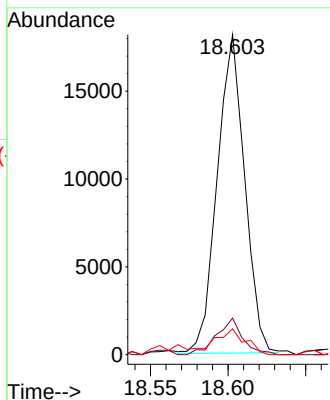
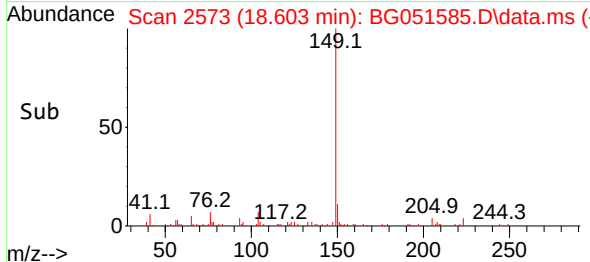
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:149 Resp: 2228
Ion Ratio Lower Upper
149 100
150 11.4 7.5 11.3
104 8.1 5.0 7.6

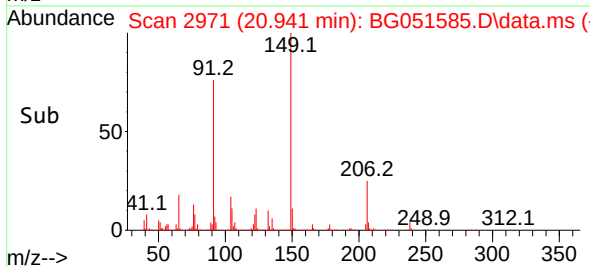
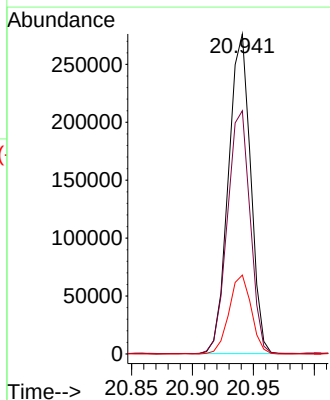
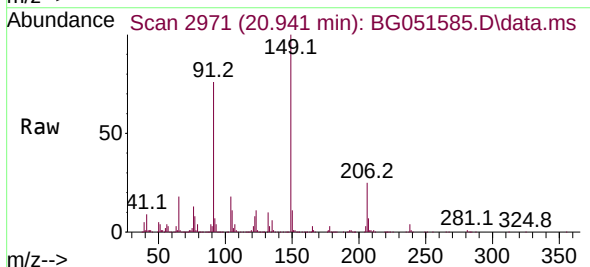
Manual Integrations
APPROVED

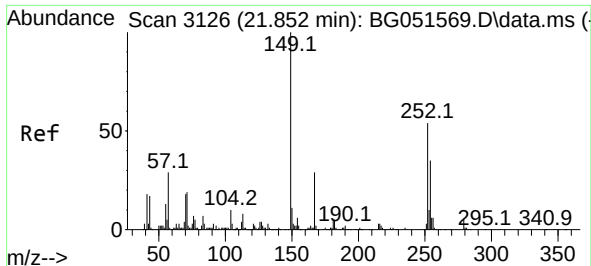
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#83
Butylbenzylphthalate
Concen: 62.220 ng/ul
RT: 20.941 min Scan# 2971
Delta R.T. -0.005 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

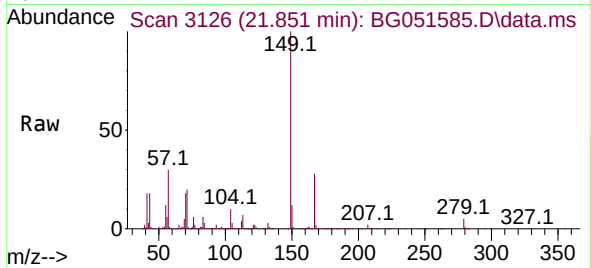
Tgt Ion:149 Resp: 349032
Ion Ratio Lower Upper
149 100
91 76.0 65.2 97.8
206 24.7 16.2 24.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 85.902 ng/ul
RT: 21.851 min Scan# 3126
Delta R.T. -0.017 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

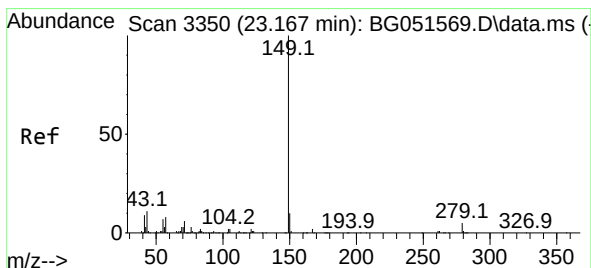
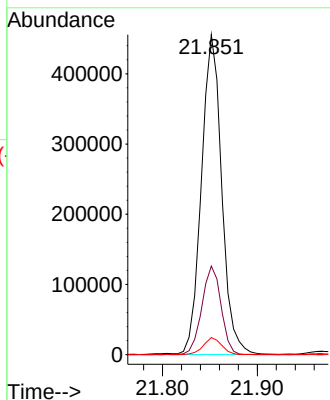
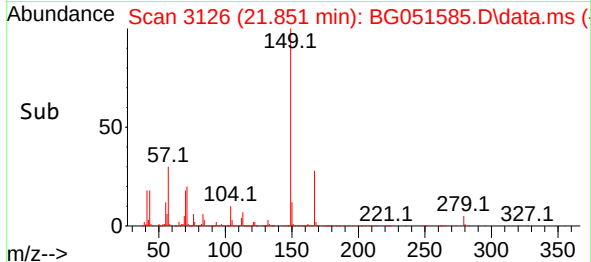
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:149 Resp: 674988
Ion Ratio Lower Upper
149 100
167 27.7 21.1 31.7
279 5.3 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#89
Di-n-octyl phthalate
Concen: 5.967 ng/ul
RT: 23.167 min Scan# 3350
Delta R.T. -0.017 min
Lab File: BG051585.D
Acq: 17 Dec 2021 1:00

Tgt Ion:149 Resp: 84505

