

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051374.D
 Acq On : 7 Dec 2021 8:03
 Operator : CG/JU
 Sample : M4868-10ME
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5ME

Quant Time: Dec 07 13:11:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	29366	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.018	136	130622	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.825	164	87645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	179117	20.000	ng/u1	0.00
79) Chrysene-d12	21.881	240	151834	20.000	ng/u1	0.00
88) Perylene-d12	25.283	264	153901	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	5538	6.553	ng/uL	-0.01
4) Pyridine-d5	3.961	84	24437	9.855	ng/u1	-0.02
7) Phenol-d5	7.351	99	73015	25.157	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.504	67	46396	25.453	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.721	132	53308	25.507	ng/u1	-0.01
15) 4-Methylphenol-d8	8.908	113	59198	25.276	ng/u1	0.00
21) Nitrobenzene-d5	9.372	128	29481	26.737	ng/u1	0.00
24) 2-Nitrophenol-d4	10.095	143	33119	26.627	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	55210	26.161	ng/u1	0.00
31) 4-Chloroaniline-d4	11.159	131	75970	24.602	ng/u1	0.00
46) Dimethylphthalate-d6	14.214	166	184200	27.314	ng/u1	-0.01
49) Acenaphthylene-d8	14.525	160	238592	28.057	ng/u1	0.00
54) 4-Nitrophenol-d4	15.054	143	25397	23.266	ng/u1	0.00
60) Fluorene-d10	15.818	176	170548	28.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	10348	9.362	ng/u1	0.00
73) Anthracene-d10	17.674	188	268097	31.296	ng/u1	0.00
81) Pyrene-d10	19.954	212	285004	31.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.048	264	248309	30.210	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.381	94	66786	22.213	ng/u1	100
13) 2-Methylphenol	8.644	108	3108	1.388	ng/u1	83
18) 4-Methylphenol	8.979	108	4877	2.037	ng/u1#	71
26) 2,4-Dimethylphenol	10.183	107	2922m	1.109	ng/u1	
30) Naphthalene	11.070	128	217929	30.662	ng/u1	98
32) 4-Chloroaniline	11.182	127	8527	2.751	ng/u1	96
36) 2-Methylnaphthalene	12.663	142	568678	117.632	ng/u1	100
37) 1-Methylnaphthalene	12.880	142	225468	45.332	ng/u1	98
43) 1,1'-Biphenyl	13.656	154	102155	15.605	ng/u1	97
52) Acenaphthene	14.890	153	46880	8.461	ng/u1	97
56) Dibenzofuran	15.224	168	92341	11.554	ng/u1	98
61) Fluorene	15.871	166	36693	5.732	ng/u1	97
72) Phenanthrene	17.622	178	22929	2.318	ng/u1	99
78) Di-n-butylphthalate	18.503	149	21167	1.904	ng/u1	98
83) Butylbenzylphthalate	20.847	149	574623	125.223	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.717	149	573287	86.819	ng/u1#	98
89) Di-n-octyl phthalate	22.986	149	85799	7.695	ng/u1	100

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

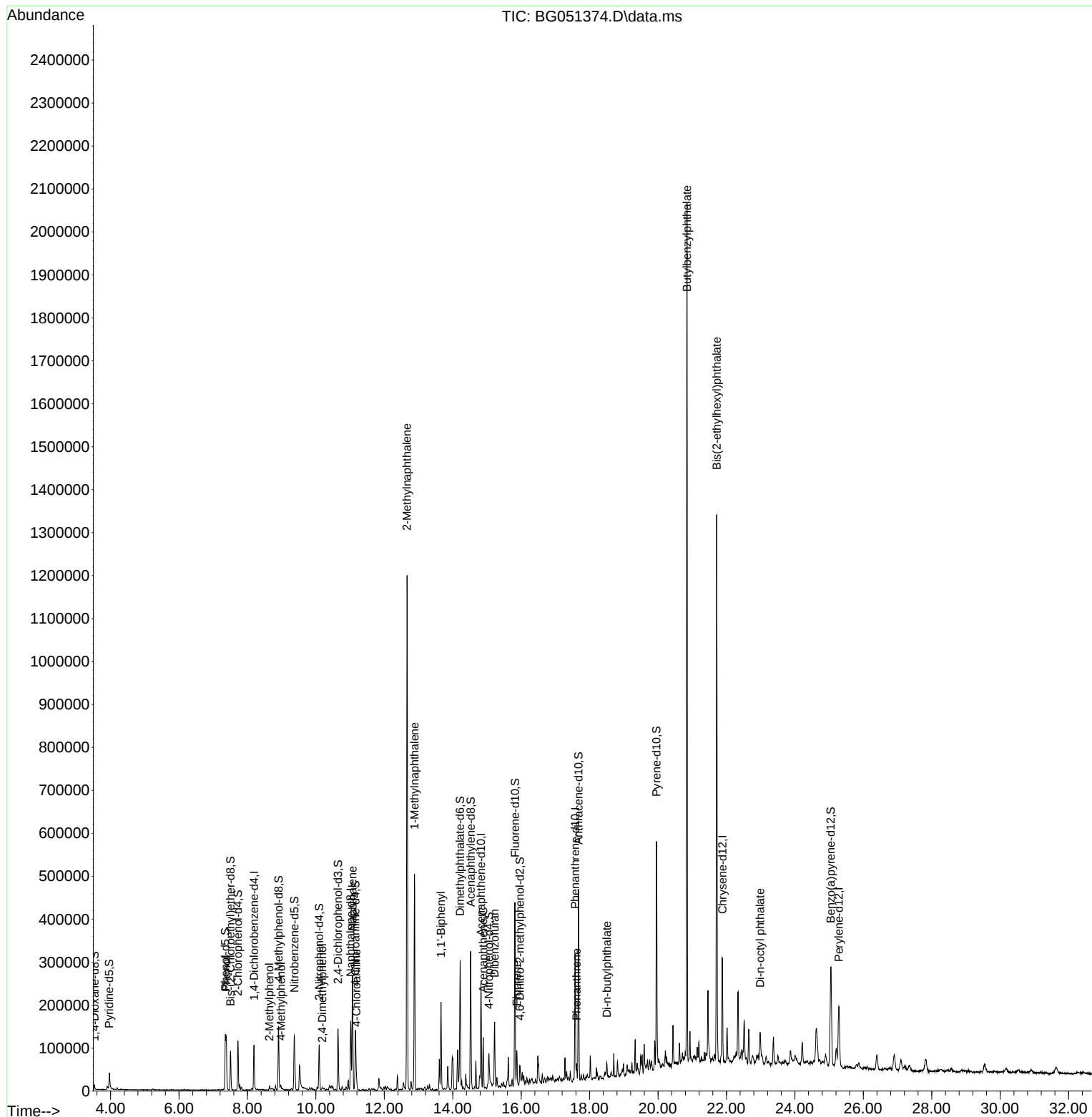
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051374.D
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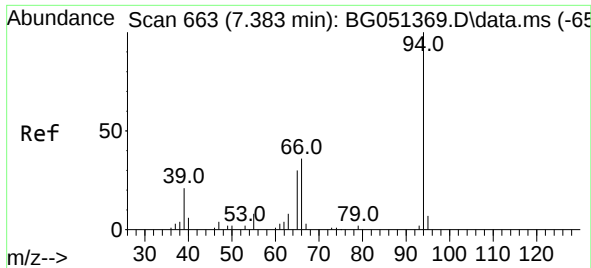
Instrument :
 BNA_G
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 BGKP5ME

Quant Time: Dec 07 13:11:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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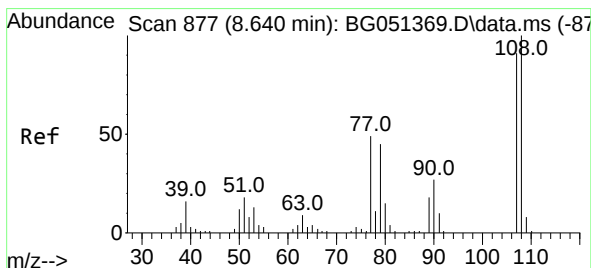
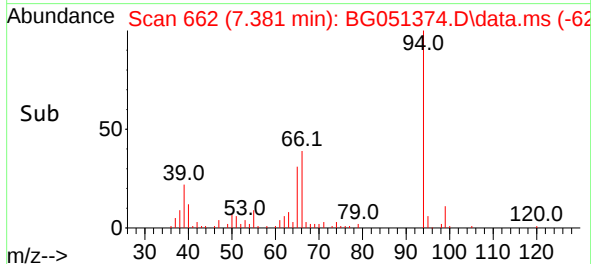
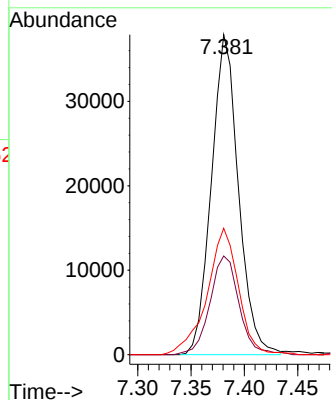
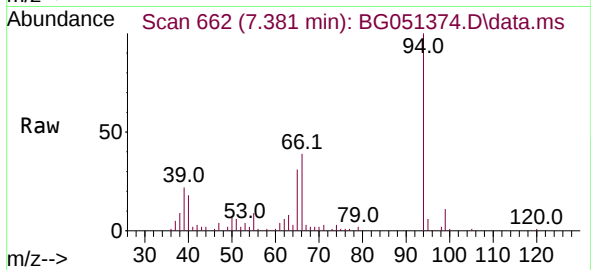
#8
Phenol
Concen: 22.213 ng/ul
RT: 7.381 min Scan# 662
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

Instrument :
BNA_G
ClientSampleId :
BGKP5ME

Tgt Ion: 94 Resp: 66780
Ion Ratio Lower Upper
94 100
65 30.8 25.1 37.7
66 39.5 31.6 47.4

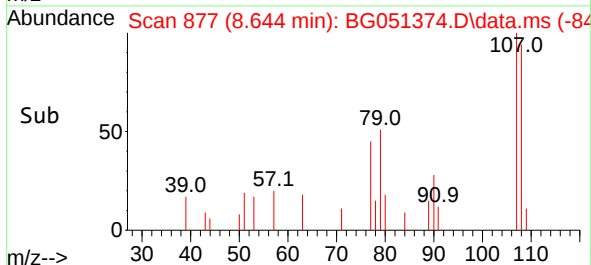
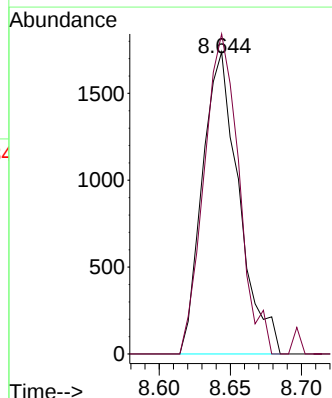
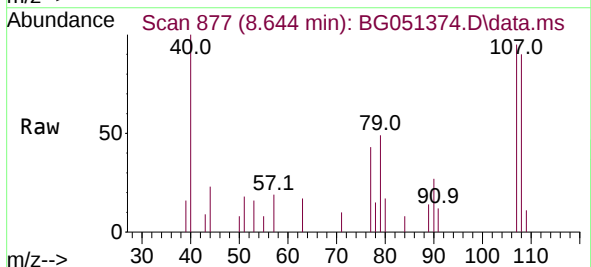
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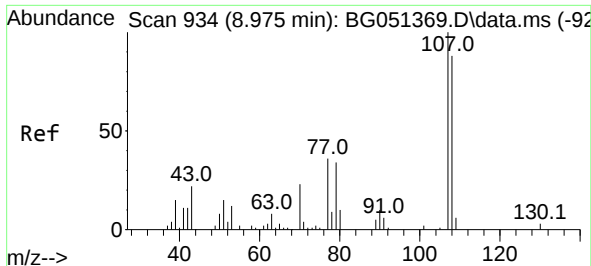
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021



#13
2-Methylphenol
Concen: 1.388 ng/ul
RT: 8.644 min Scan# 877
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

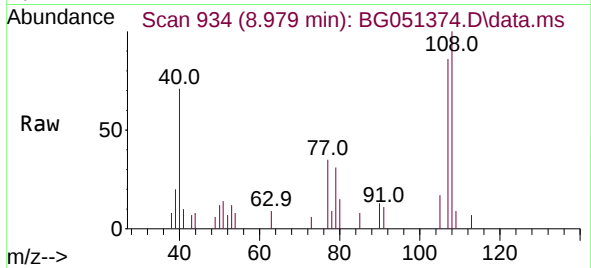
Tgt Ion:108 Resp: 3108
Ion Ratio Lower Upper
108 100
107 106.0 71.8 107.6





#18
4-Methylphenol
Concen: 2.037 ng/ul
RT: 8.979 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

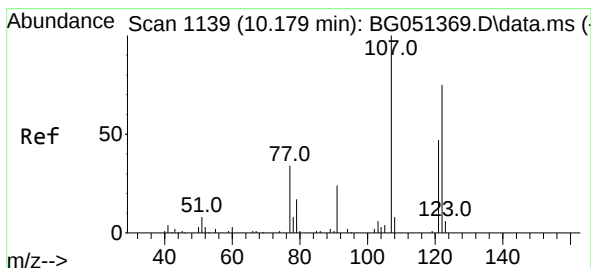
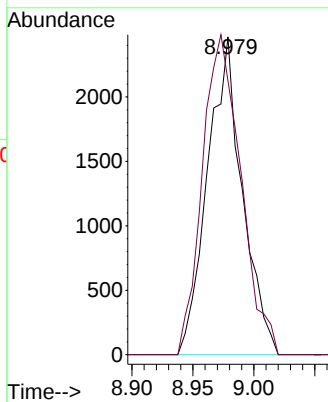
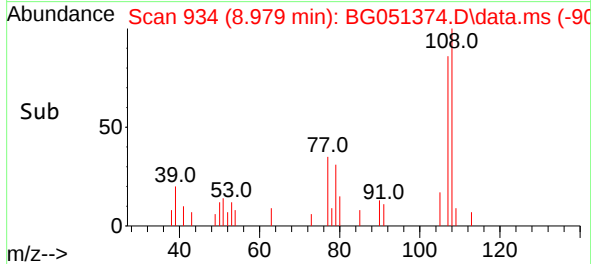
Instrument :
BNA_G
ClientSampleId :
BGKP5ME



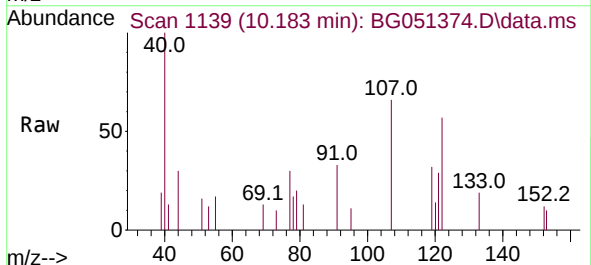
Tgt Ion:108 Resp: 487
Ion Ratio Lower Upper
108 100
107 86.2 95.0 142.4

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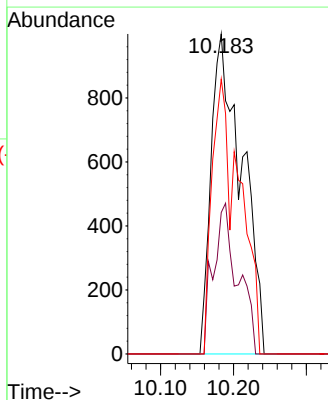
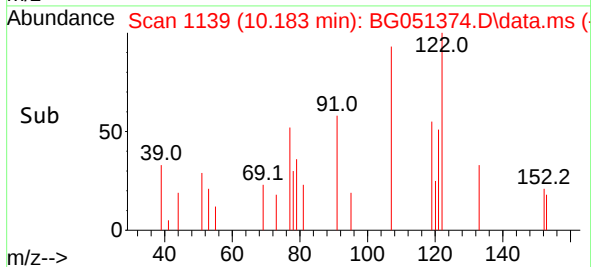
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021

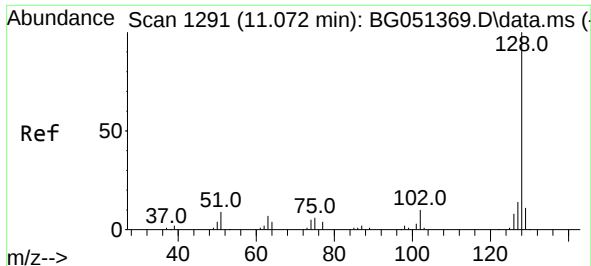


#26
2,4-Dimethylphenol
Concen: 1.109 ng/ul m
RT: 10.183 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03



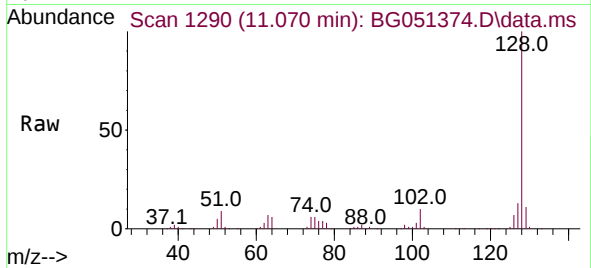
Tgt Ion:107 Resp: 2922
Ion Ratio Lower Upper
107 100
121 44.2 39.3 58.9
122 85.9 63.7 95.5





#30
Naphthalene
Concen: 30.662 ng/ul
RT: 11.070 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

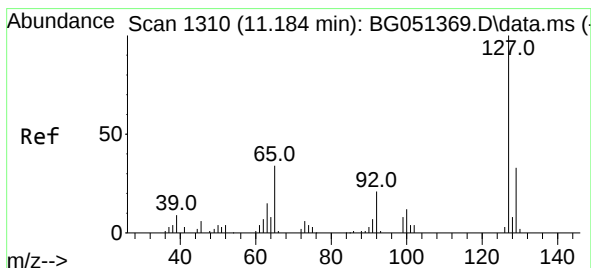
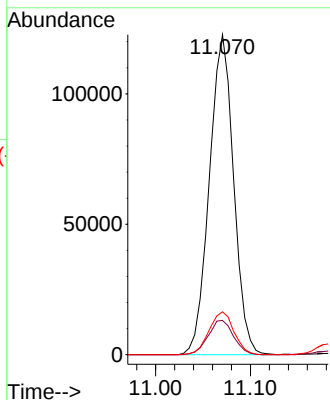
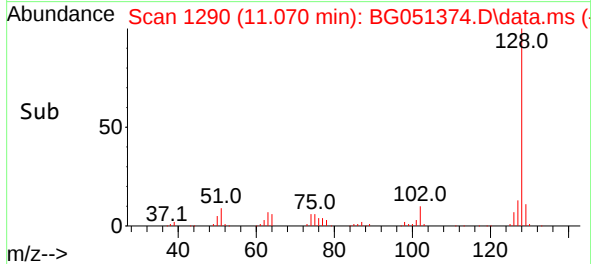
Instrument :
BNA_G
ClientSampleId :
BGKP5ME



Tgt Ion:128 Resp: 217929
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.4 11.8 17.6

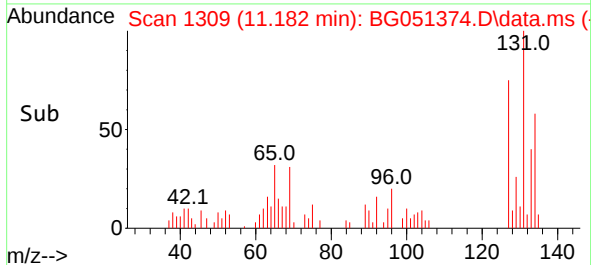
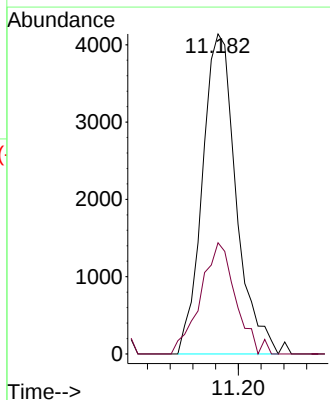
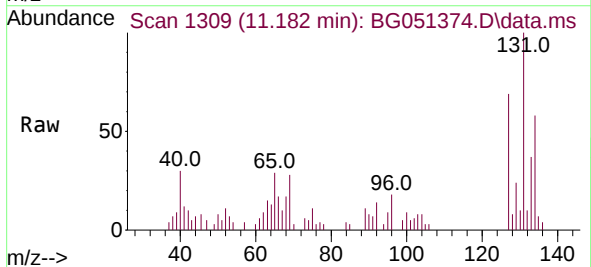
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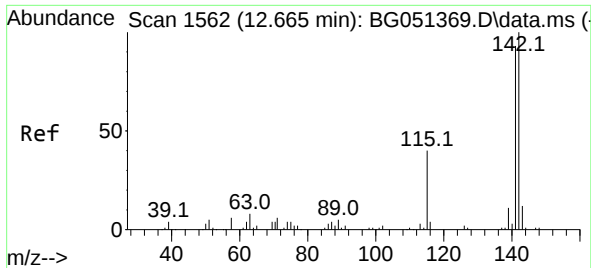
Reviewed By :Jagrut Upadhyay 12/07/2021
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#32
4-Chloroaniline
Concen: 2.751 ng/ul
RT: 11.182 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

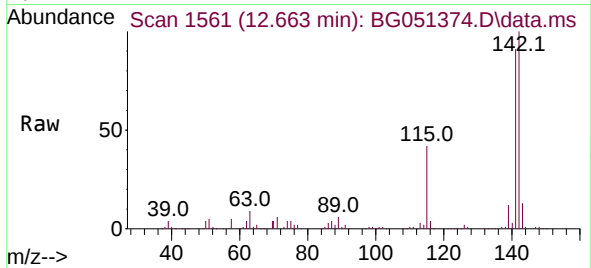
Tgt Ion:127 Resp: 8527
Ion Ratio Lower Upper
127 100
129 34.7 26.2 39.2





#36
2-Methylnaphthalene
Concen: 117.632 ng/ul
RT: 12.663 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

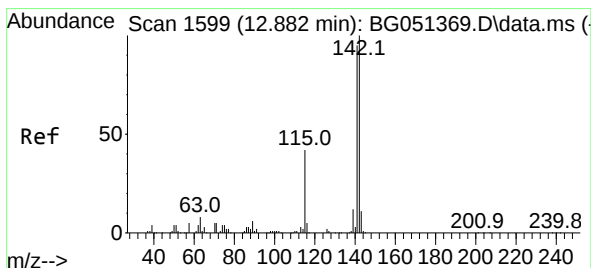
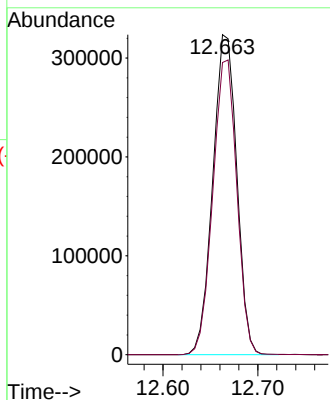
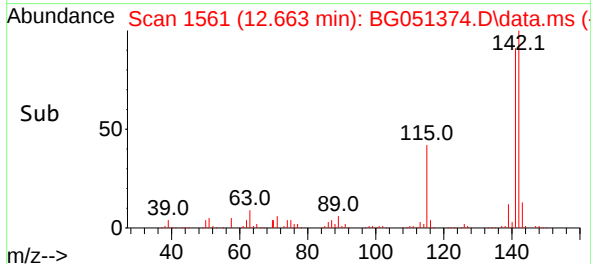
Instrument :
BNA_G
ClientSampleId :
BGKP5ME



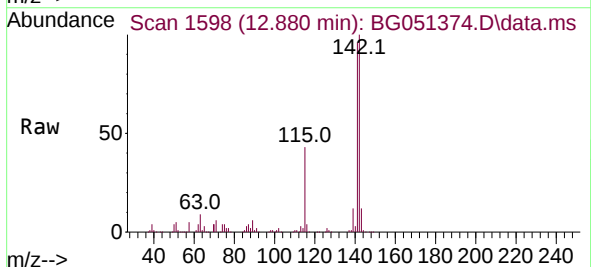
Tgt Ion:142 Resp: 568678
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

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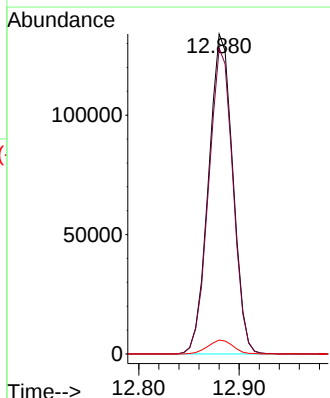
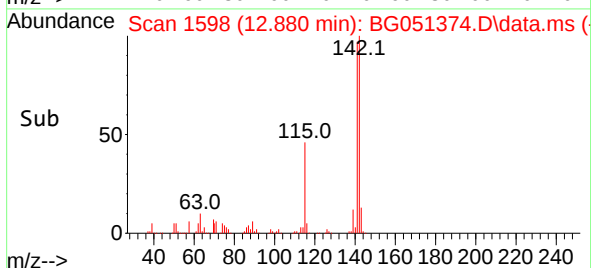
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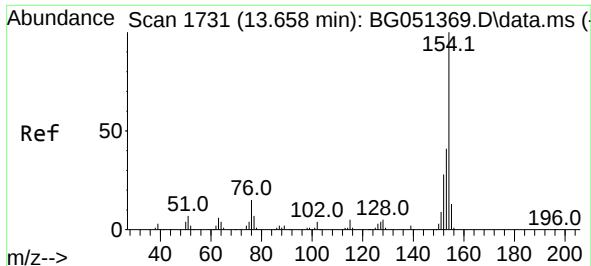


#37
1-Methylnaphthalene
Concen: 45.332 ng/ul
RT: 12.880 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03



Tgt Ion:142 Resp: 225468
Ion Ratio Lower Upper
142 100
141 95.6 77.8 116.8
116 4.4 3.3 4.9





#43

1,1'-Biphenyl

Concen: 15.605 ng/ul

RT: 13.656 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG051374.D

Acq: 7 Dec 2021 8:03

Instrument :

BNA_G

ClientSampleId :

BGKP5ME

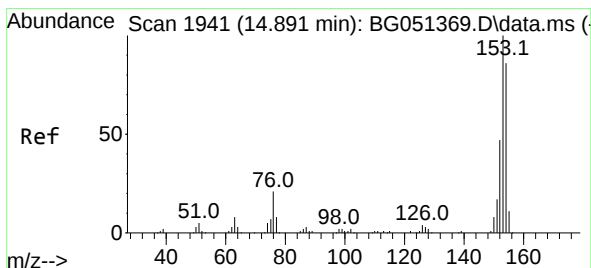
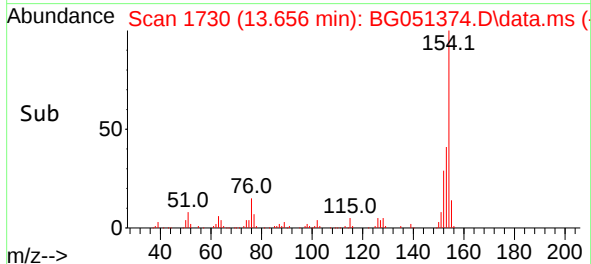
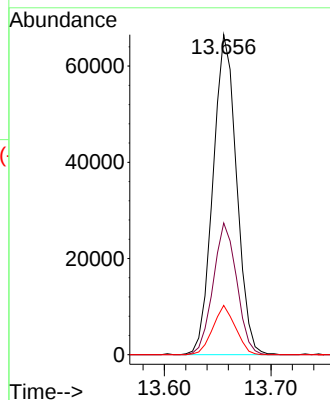
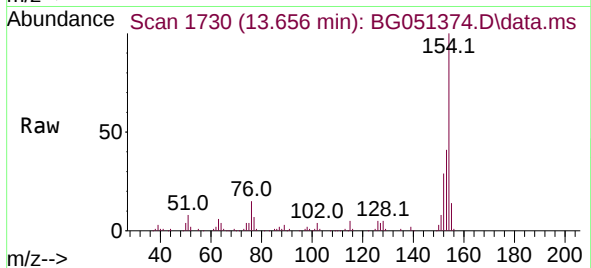
Tgt Ion:154 Resp: 10215

Ion	Ratio	Lower	Upper
154	100		
153	41.2	34.5	51.7
76	15.4	13.1	19.7

Manual Integrations

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#52

Acenaphthene

Concen: 8.461 ng/ul

RT: 14.890 min Scan# 1940

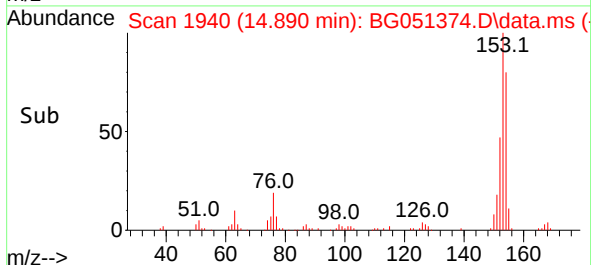
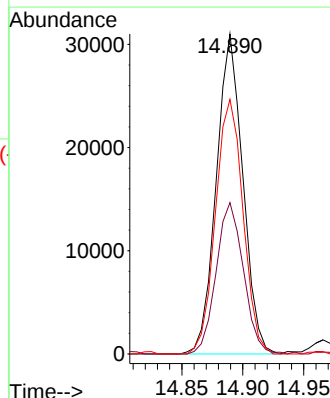
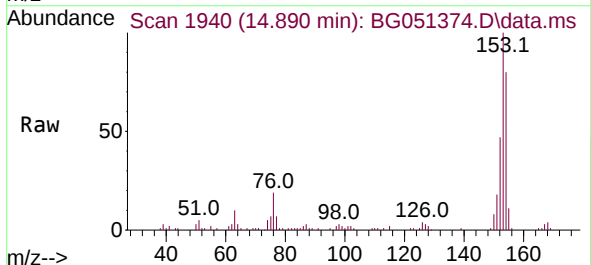
Delta R.T. -0.006 min

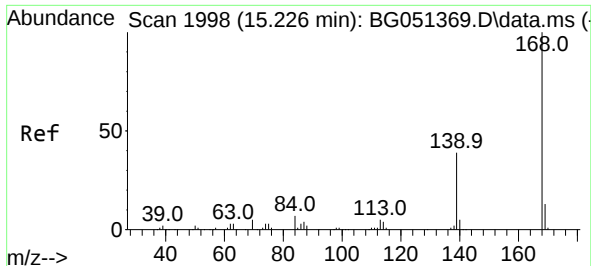
Lab File: BG051374.D

Acq: 7 Dec 2021 8:03

Tgt Ion:153 Resp: 46880

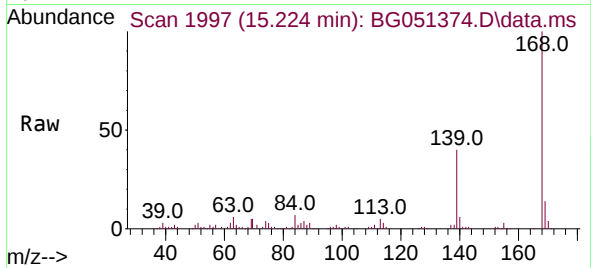
Ion	Ratio	Lower	Upper
153	100		
152	47.3	36.5	54.7
154	79.5	65.8	98.6





#56
Dibenzofuran
Concen: 11.554 ng/ul
RT: 15.224 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

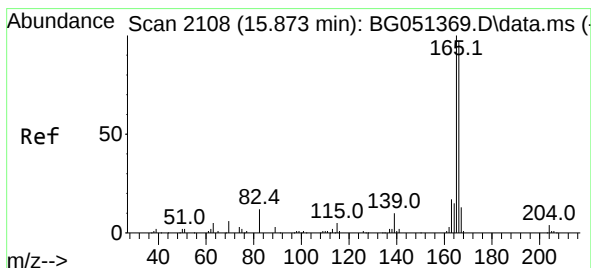
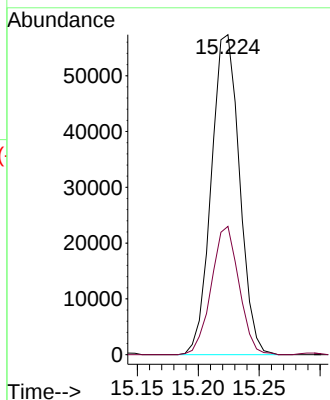
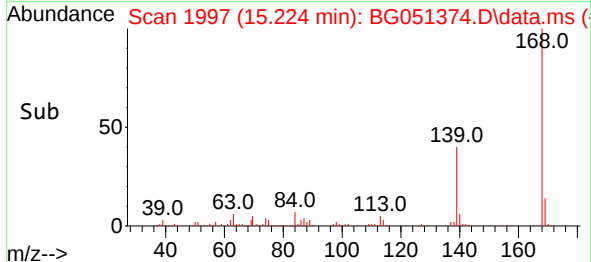
Instrument :
BNA_G
ClientSampleId :
BGKP5ME



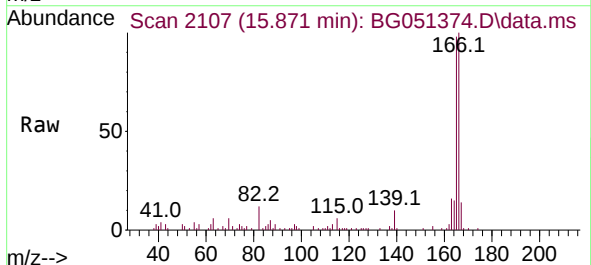
Tgt Ion:168 Resp: 9234
Ion Ratio Lower Upper
168 100
139 40.1 31.2 46.8

Manual Integrations
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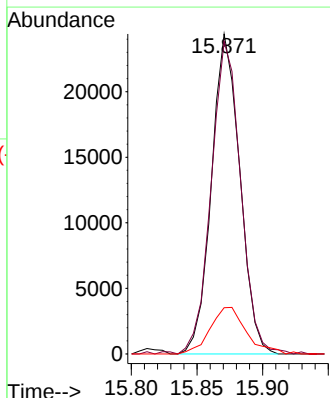
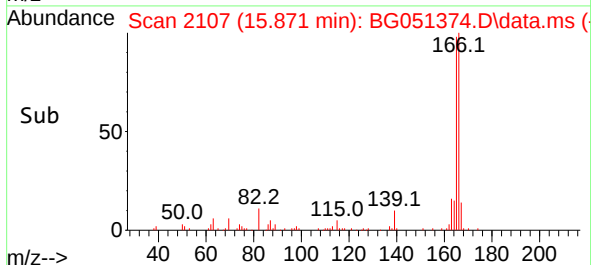
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021

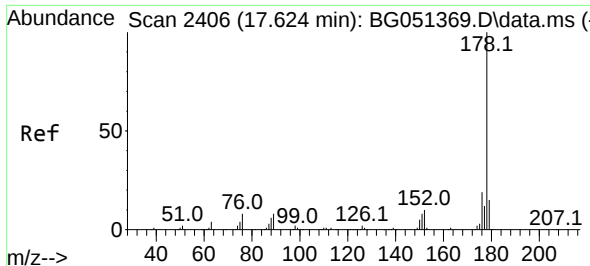


#61
Fluorene
Concen: 5.732 ng/ul
RT: 15.871 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03



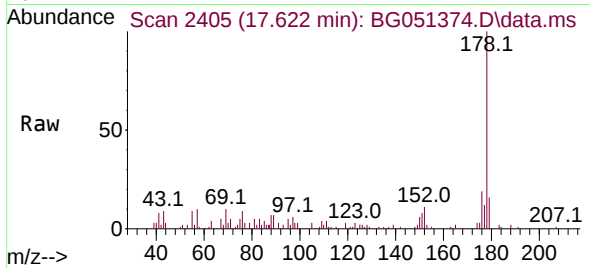
Tgt Ion:166 Resp: 36693
Ion Ratio Lower Upper
166 100
165 97.7 81.0 121.6
167 14.4 11.0 16.4





#72
Phenanthrene
Concen: 2.318 ng/ul
RT: 17.622 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

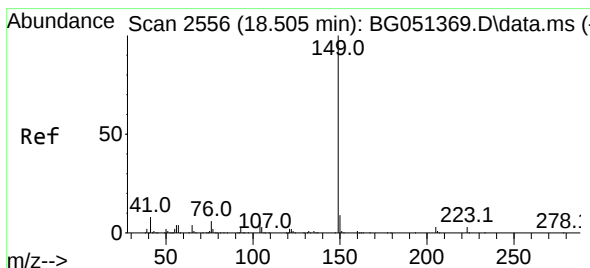
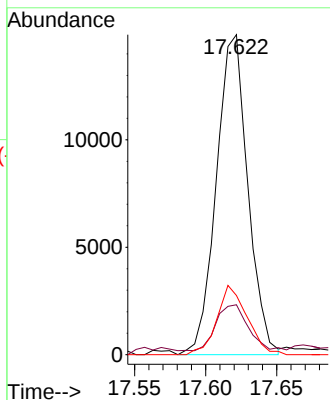
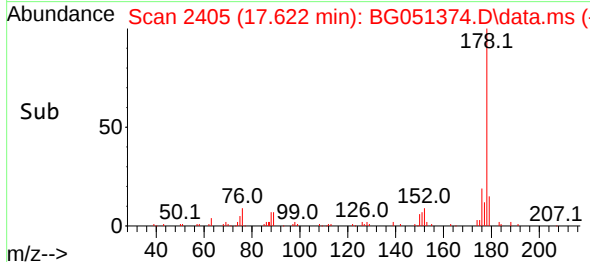
Instrument :
BNA_G
ClientSampleId :
BGKP5ME



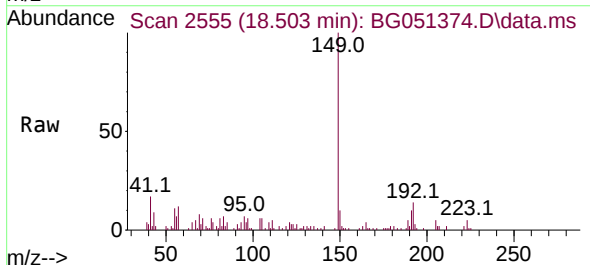
Tgt Ion:178 Resp: 22929
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.5 15.5 23.3

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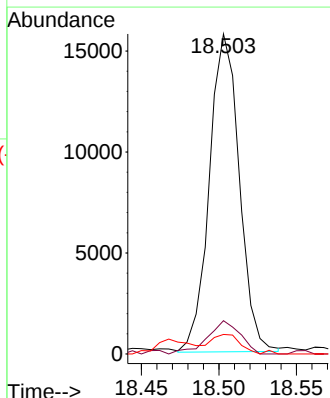
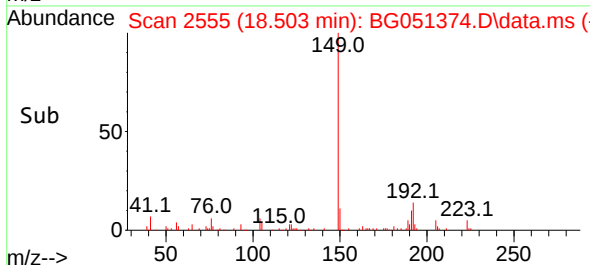
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021

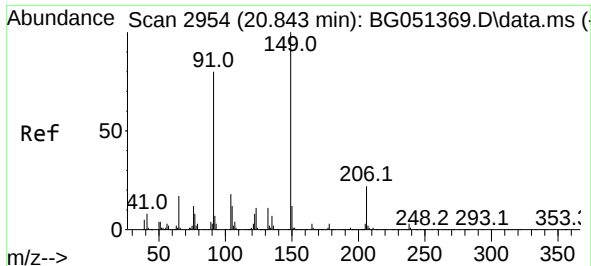


#78
Di-n-butylphthalate
Concen: 1.904 ng/ul
RT: 18.503 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03



Tgt Ion:149 Resp: 21167
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 6.1 5.0 7.6





#83
Butylbenzylphthalate
Concen: 125.223 ng/ul
RT: 20.847 min Scan# 2954
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

Instrument :

BNA_G

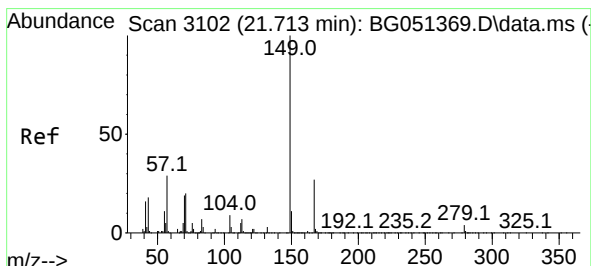
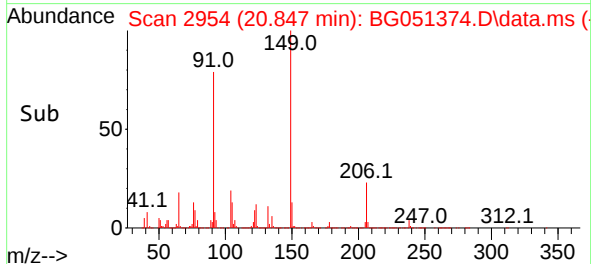
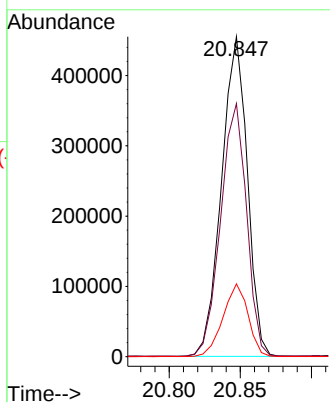
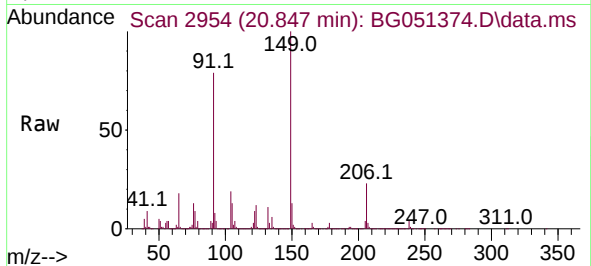
ClientSampleId :

BGKP5ME

Tgt Ion:149 Resp: 57462
Ion Ratio Lower Upper
149 100
91 79.1 65.2 97.8
206 22.8 16.2 24.2

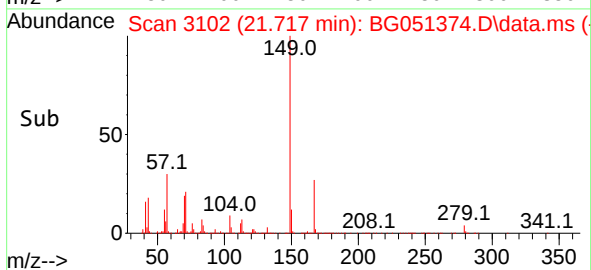
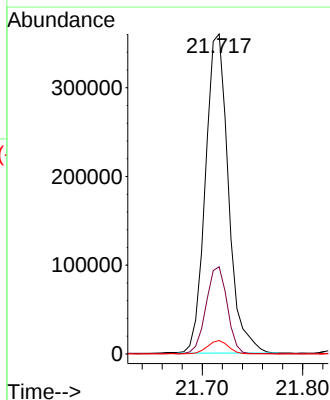
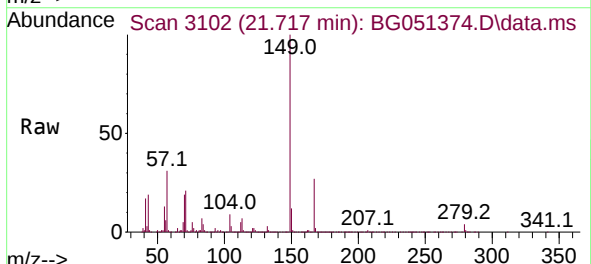
Manual Integrations
APPROVED

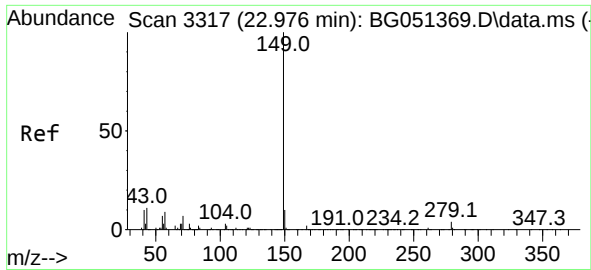
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 86.819 ng/ul
RT: 21.717 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

Tgt Ion:149 Resp: 573287
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 4.2 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 7.695 ng/ul
RT: 22.986 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG051374.D
Acq: 7 Dec 2021 8:03

Instrument :
BNA_G
ClientSampleId :
BGKP5ME

Tgt Ion:149 Resp: 85799

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/15/2021

