

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
 Data File : BG051291.D
 Acq On : 1 Dec 2021 18:48
 Operator : CG/JU
 Sample : M4868-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKN8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 20:23:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	30932	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.020	136	132153	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	86642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.571	188	176979	20.000	ng/u1	0.00
79) Chrysene-d12	21.872	240	159012	20.000	ng/u1	0.00
88) Perylene-d12	25.268	264	164246	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	3257	3.659	ng/uL	0.00
4) Pyridine-d5	3.964	84	44302	16.961	ng/u1	-0.01
7) Phenol-d5	7.348	99	67372	22.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	44170	23.005	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	47550	21.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	55523	22.506	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	26549	23.799	ng/u1	0.00
24) 2-Nitrophenol-d4	10.092	143	30576	24.297	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	51224	23.991	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	59453	19.030	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	163535	24.531	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	208090	24.754	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	25847	23.952	ng/u1	0.00
60) Fluorene-d10	15.815	176	144495	24.069	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.944	200	22421	20.531	ng/u1	0.00
73) Anthracene-d10	17.671	188	230523	27.235	ng/u1	0.00
81) Pyrene-d10	19.951	212	259558	26.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.033	264	229521	26.166	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.378	94	234756	74.126	ng/u1	100
13) 2-Methylphenol	8.641	108	12176	5.162	ng/u1	99
16) Acetophenone	9.023	105	15065m	3.948	ng/u1	
18) 4-Methylphenol	8.976	108	20867	8.272	ng/u1	94
26) 2,4-Dimethylphenol	10.180	107	22256m	8.351	ng/u1	
30) Naphthalene	11.073	128	515936	71.750	ng/u1	97
36) 2-Methylnaphthalene	12.665	142	237554	48.569	ng/u1	100
37) 1-Methylnaphthalene	12.877	142	136963	27.219	ng/u1	96
43) 1,1'-Biphenyl	13.658	154	33570	5.188	ng/u1	96
52) Acenaphthene	14.886	153	20492	3.741	ng/u1	97
56) Dibenzofuran	15.221	168	23057	2.918	ng/u1	99
59) Diethylphthalate	15.615	149	15709	2.218	ng/u1	98
61) Fluorene	15.873	166	14433	2.281	ng/u1	98
72) Phenanthrene	17.618	178	29118	2.980	ng/u1	97
83) Butylbenzylphthalate	20.844	149	309601	64.423	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.720	149	1636497	236.645	ng/u1#	92
89) Di-n-octyl phthalate	22.983	149	107452	9.030	ng/u1	100

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

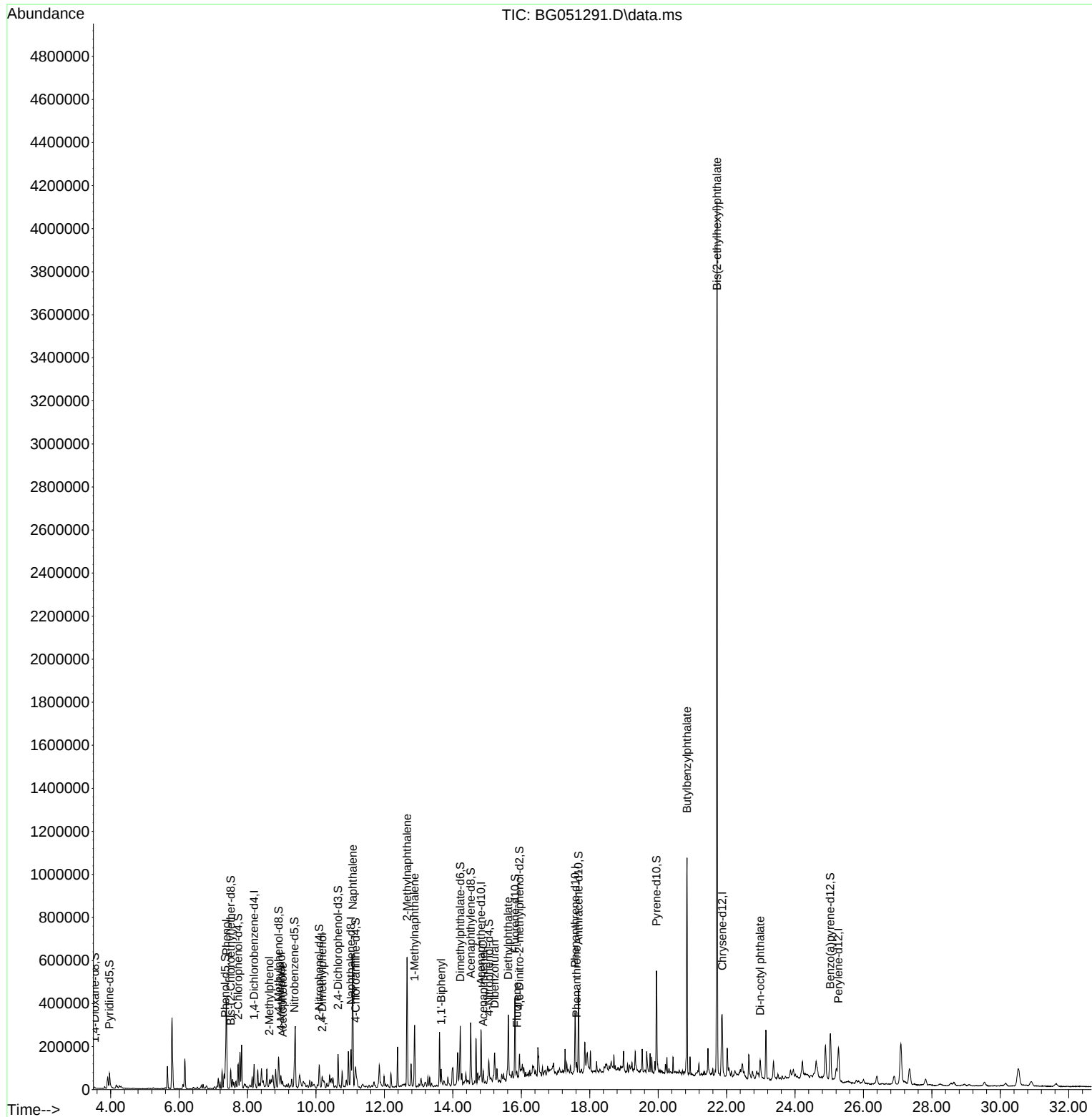
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
 Data File : BG051291.D
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 Operator : CG/JU
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

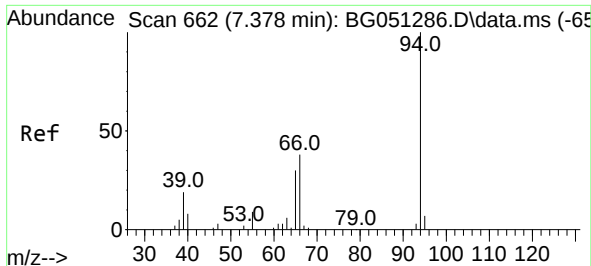
Instrument :
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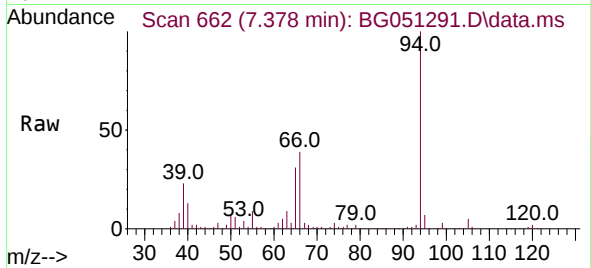
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration





#8
Phenol
Concen: 74.126 ng/ul
RT: 7.378 min Scan# 662
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

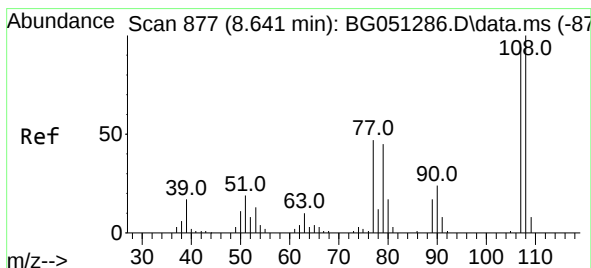
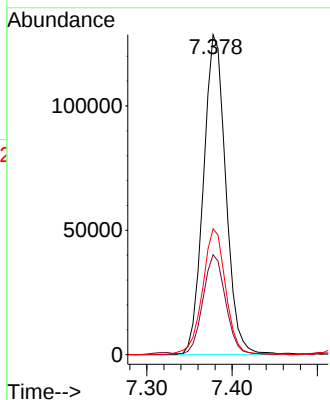
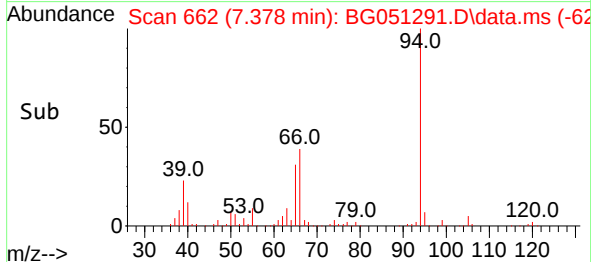
Instrument :
BNA_G
ClientSampleId :
BGKN8



Tgt Ion: 94 Resp: 234750
Ion Ratio Lower Upper
94 100
65 31.2 25.1 37.7
66 39.4 31.6 47.4

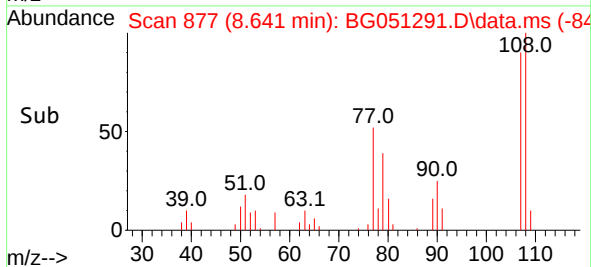
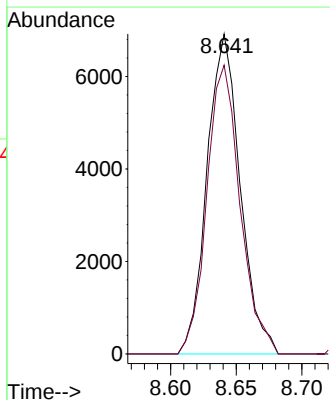
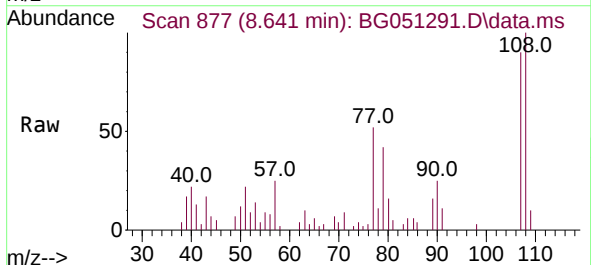
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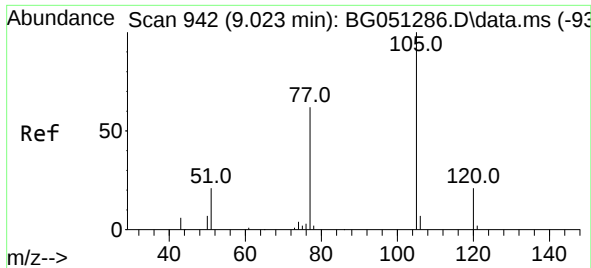
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#13
2-Methylphenol
Concen: 5.162 ng/ul
RT: 8.641 min Scan# 877
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

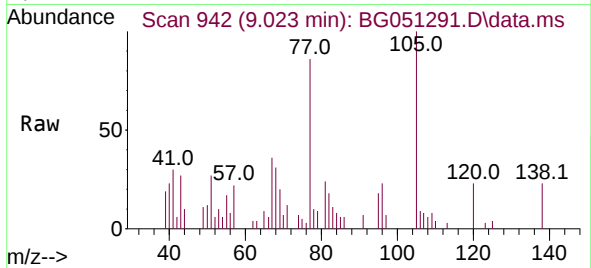
Tgt Ion:108 Resp: 12176
Ion Ratio Lower Upper
108 100
107 90.3 71.8 107.6





#16
Acetophenone
Concen: 3.948 ng/ul m
RT: 9.023 min Scan# 942
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

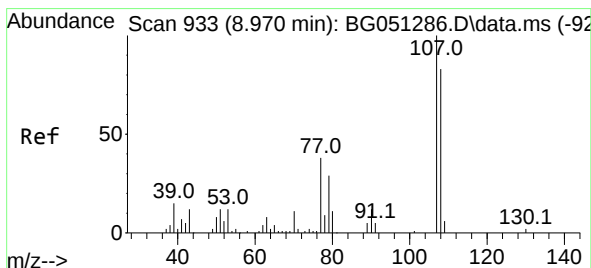
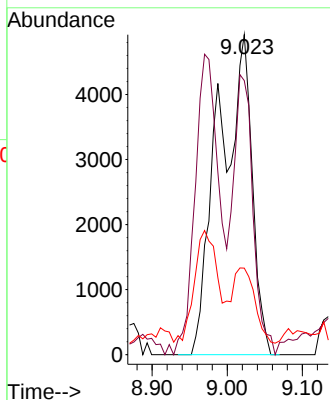
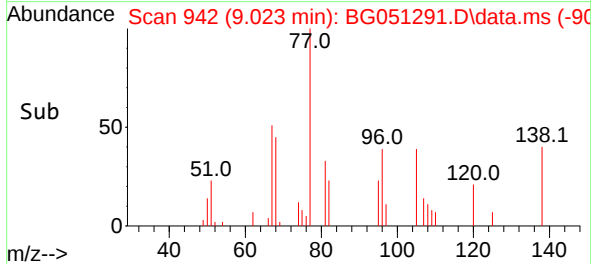
Instrument :
BNA_G
ClientSampleId :
BGKN8



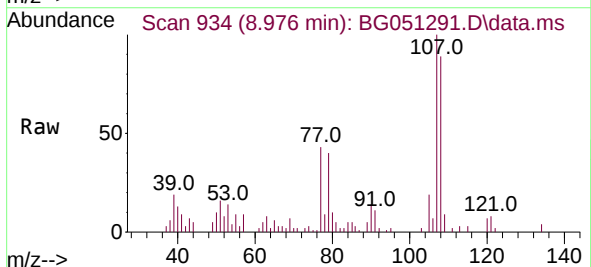
Tgt Ion:105 Resp: 1506
Ion Ratio Lower Upper
105 100
77 85.7 67.3 100.9
51 27.1 24.0 36.0

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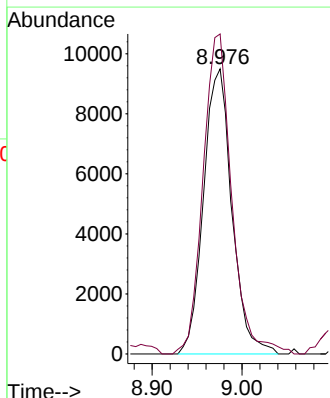
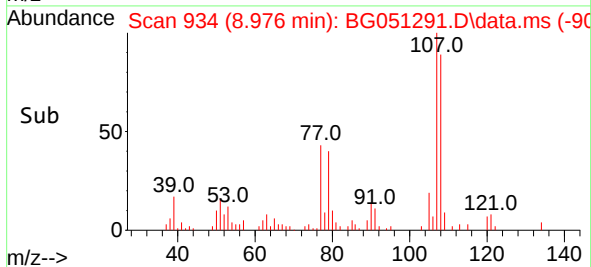
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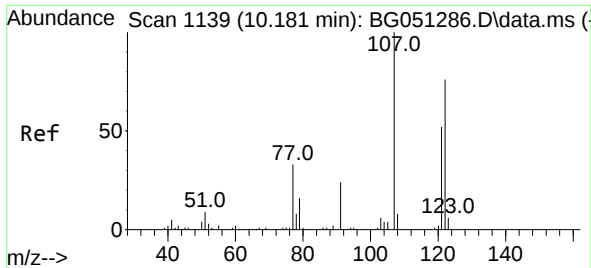


#18
4-Methylphenol
Concen: 8.272 ng/ul
RT: 8.976 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48



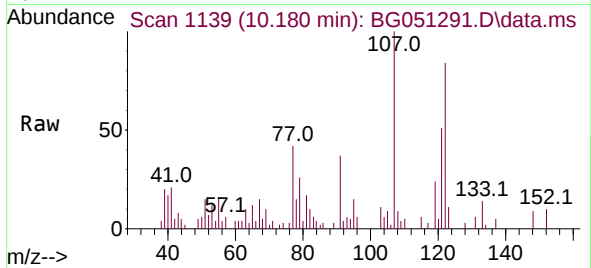
Tgt Ion:108 Resp: 20867
Ion Ratio Lower Upper
108 100
107 112.2 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 8.351 ng/ul m
RT: 10.180 min Scan# 1139
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

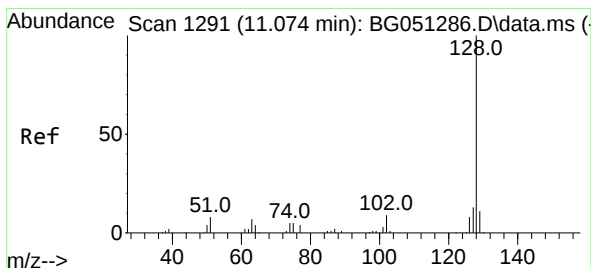
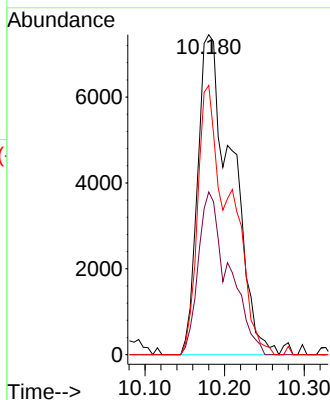
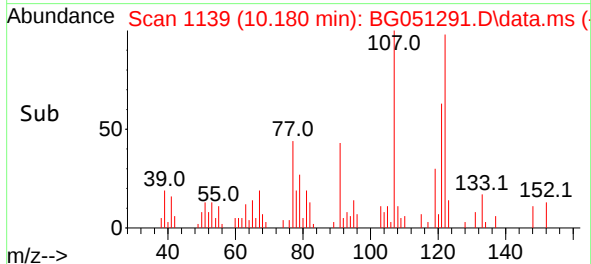
Instrument :
BNA_G
ClientSampleId :
BGKN8



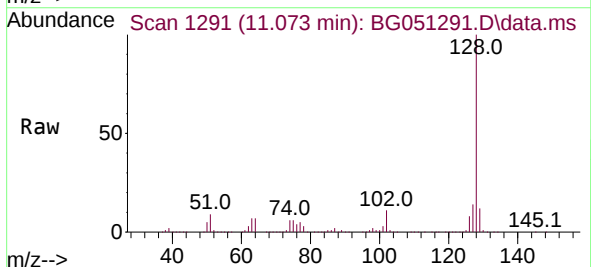
Tgt Ion:107 Resp: 22250
Ion Ratio Lower Upper
107 100
121 50.8 39.3 58.9
122 84.2 63.7 95.5

Manual Integrations
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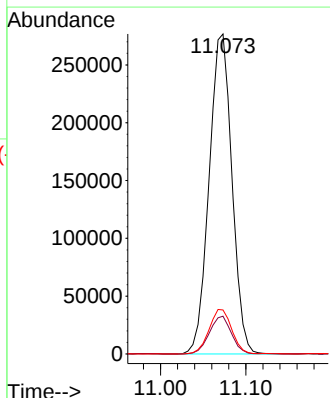
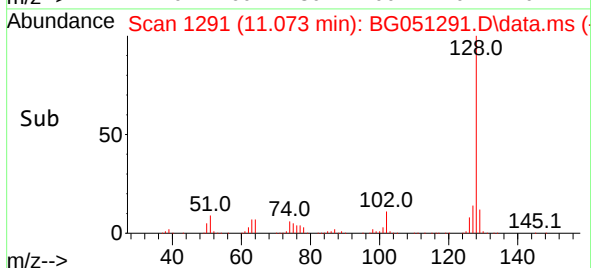
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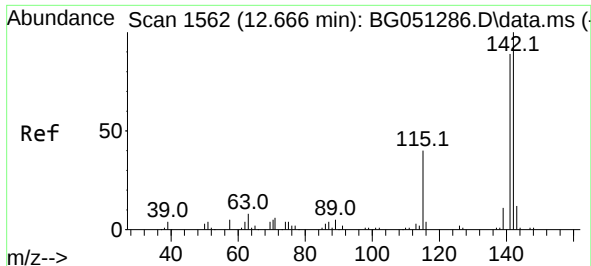


#30
Naphthalene
Concen: 71.750 ng/ul
RT: 11.073 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48



Tgt Ion:128 Resp: 515936
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 13.7 11.8 17.6





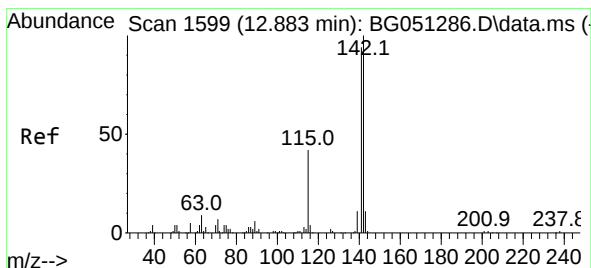
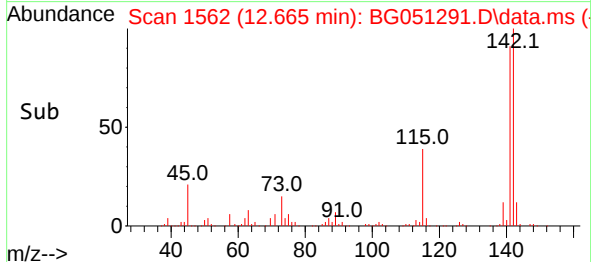
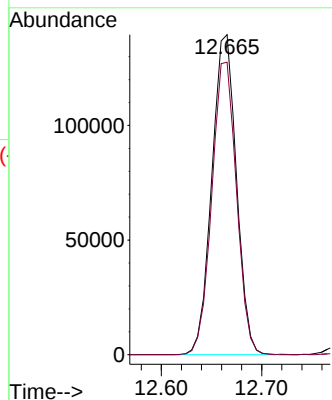
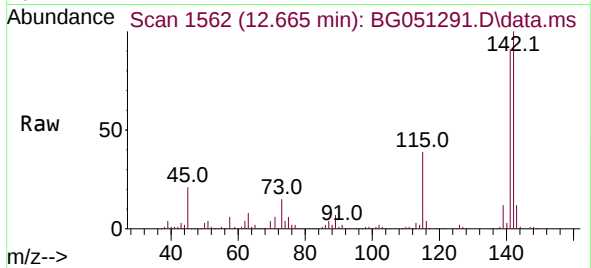
#36
2-Methylnaphthalene
Concen: 48.569 ng/ul
RT: 12.665 min Scan# 1562
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

Instrument :
BNA_G
ClientSampleId :
BGKN8

Tgt Ion:142 Resp: 237554
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

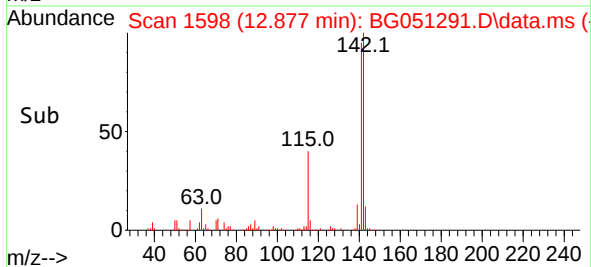
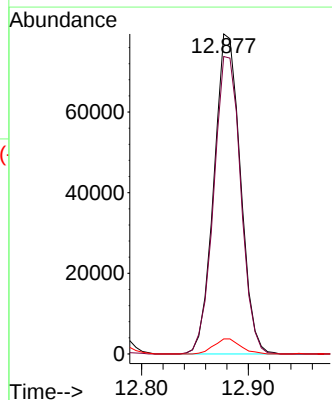
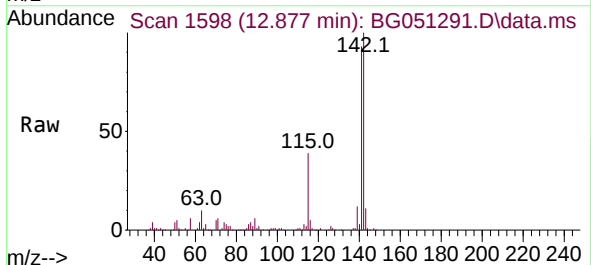
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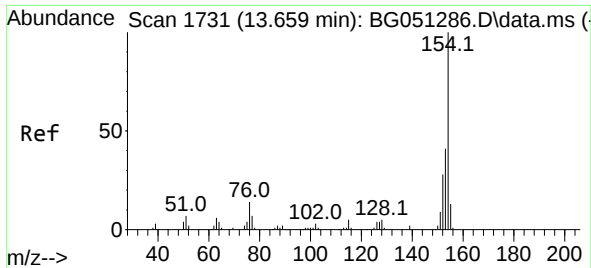
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#37
1-Methylnaphthalene
Concen: 27.219 ng/ul
RT: 12.877 min Scan# 1598
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

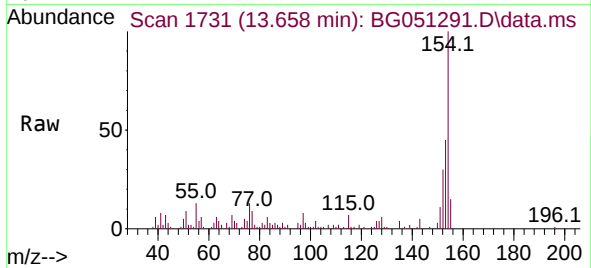
Tgt Ion:142 Resp: 136963
Ion Ratio Lower Upper
142 100
141 92.9 77.8 116.8
116 4.7 3.3 4.9





#43
1,1'-Biphenyl
Concen: 5.188 ng/ul
RT: 13.658 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

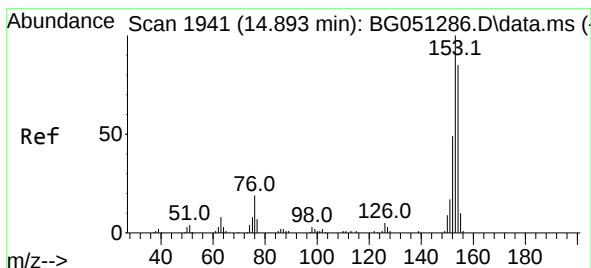
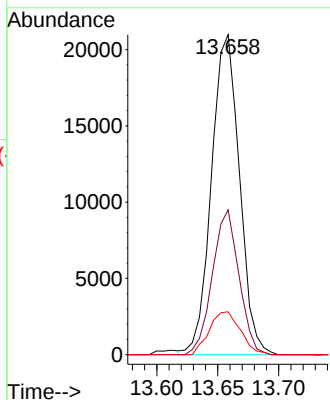
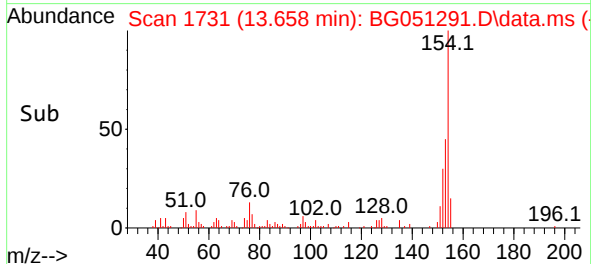
Instrument :
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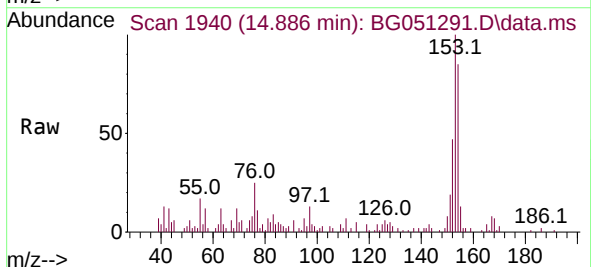
Tgt Ion:154 Resp: 33570
Ion Ratio Lower Upper
154 100
153 45.3 34.5 51.7
76 13.4 13.1 19.7

Manual Integrations
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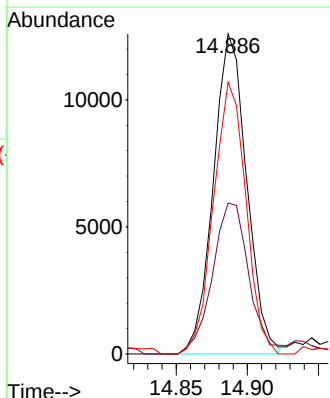
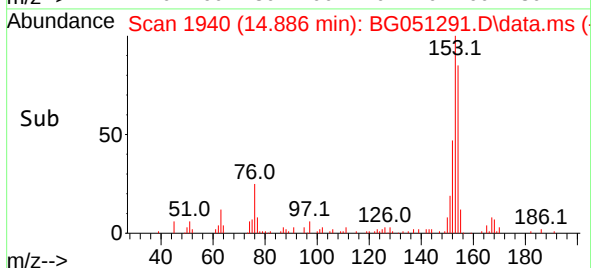
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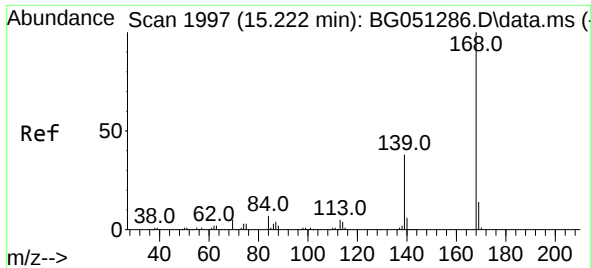


#52
Acenaphthene
Concen: 3.741 ng/ul
RT: 14.886 min Scan# 1940
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48



Tgt Ion:153 Resp: 20492
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 84.9 65.8 98.6





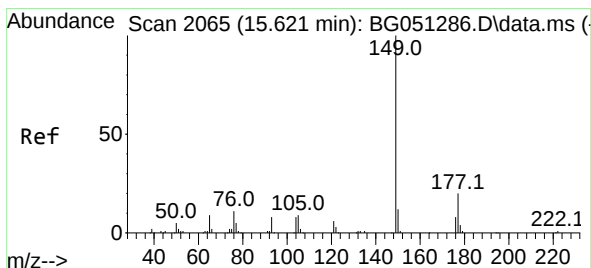
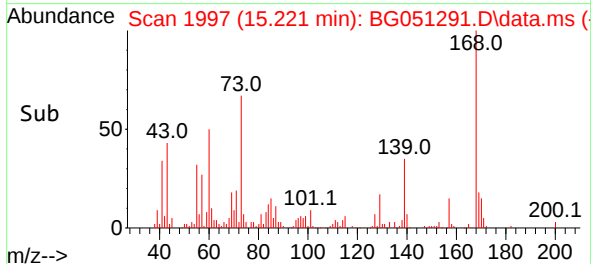
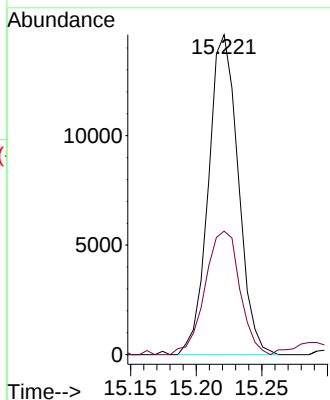
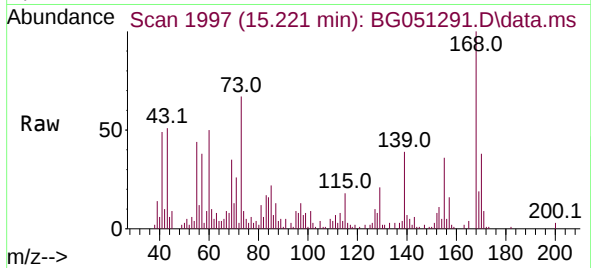
#56
Dibenzo(furan)
Concen: 2.918 ng/ul
RT: 15.221 min Scan# 1997
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

Instrument :
BNA_G
ClientSampleId :
BGKN8

Tgt Ion:168 Resp: 2305
Ion Ratio Lower Upper
168 100
139 38.6 31.2 46.8

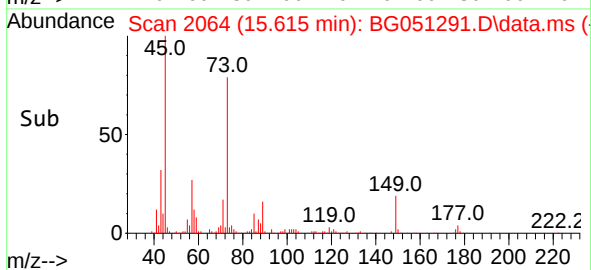
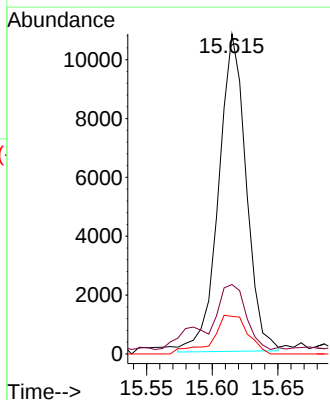
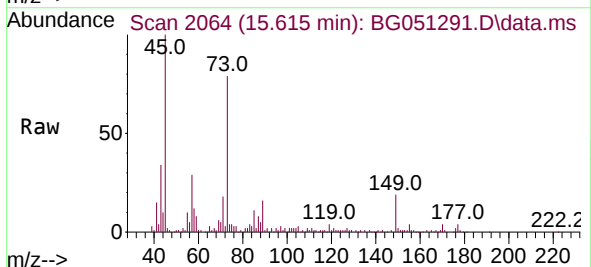
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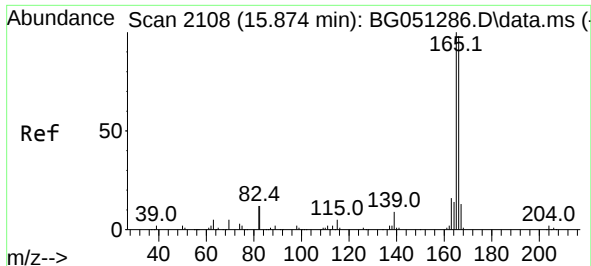
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#59
Diethylphthalate
Concen: 2.218 ng/ul
RT: 15.615 min Scan# 2064
Delta R.T. -0.009 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

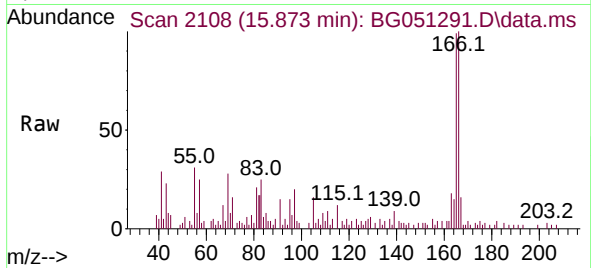
Tgt Ion:149 Resp: 15709
Ion Ratio Lower Upper
149 100
177 21.7 16.8 25.2
150 11.7 10.1 15.1





#61
Fluorene
Concen: 2.281 ng/uI
RT: 15.873 min Scan# 2108
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

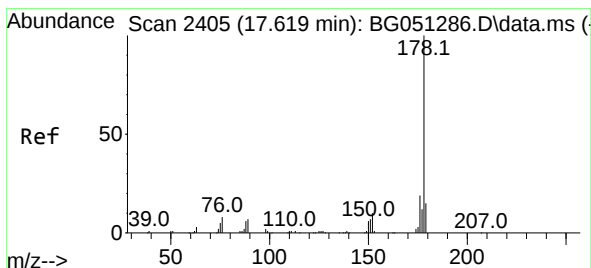
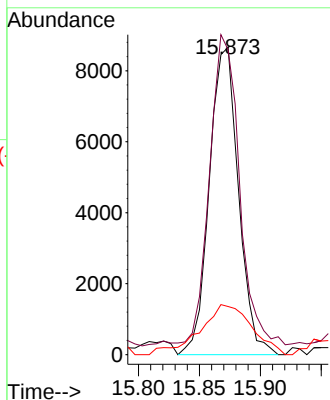
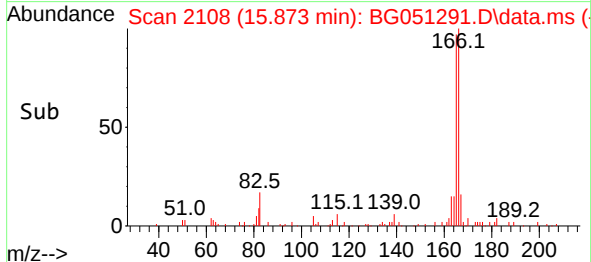
Instrument :
BNA_G
ClientSampleId :
BGKN8



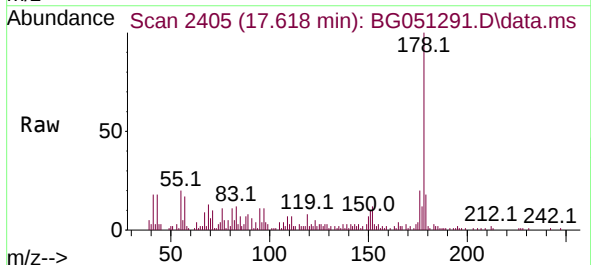
Tgt Ion:166 Resp: 1443
Ion Ratio Lower Upper
166 100
165 99.1 81.0 121.6
167 15.6 11.0 16.4

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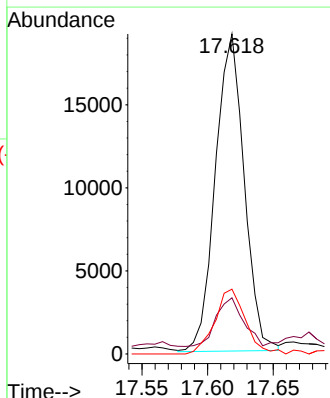
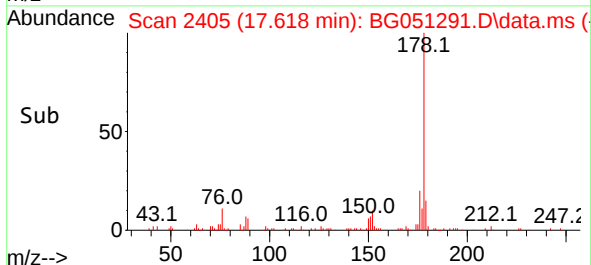
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

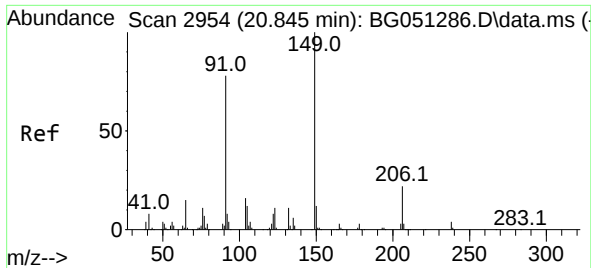


#72
Phenanthrene
Concen: 2.980 ng/uI
RT: 17.618 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48



Tgt Ion:178 Resp: 29118
Ion Ratio Lower Upper
178 100
179 17.5 12.3 18.5
176 20.3 15.5 23.3





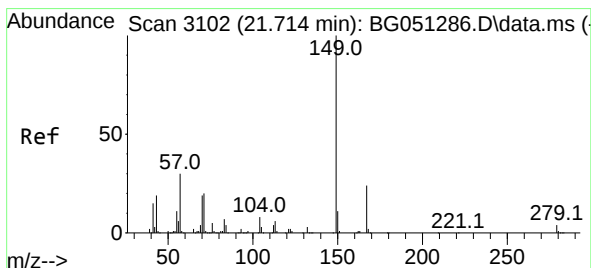
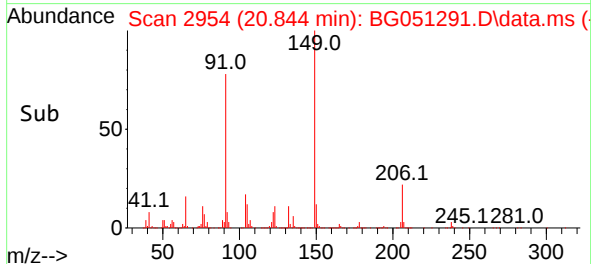
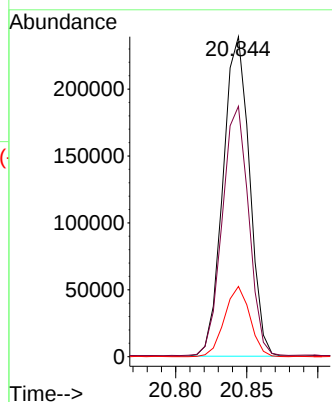
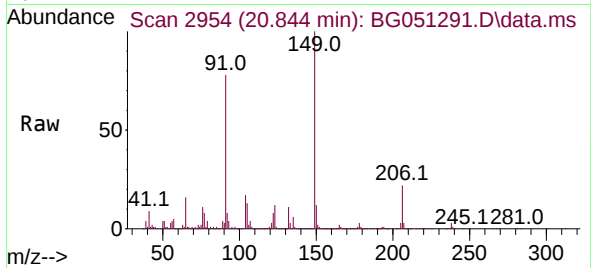
#83
Butylbenzylphthalate
Concen: 64.423 ng/ul
RT: 20.844 min Scan# 2954
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

Instrument :
BNA_G
ClientSampleId :
BGKN8

Tgt Ion:149 Resp: 30960
Ion Ratio Lower Upper
149 100
91 78.3 65.2 97.8
206 22.0 16.2 24.2

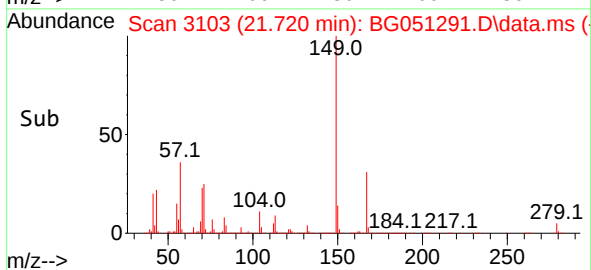
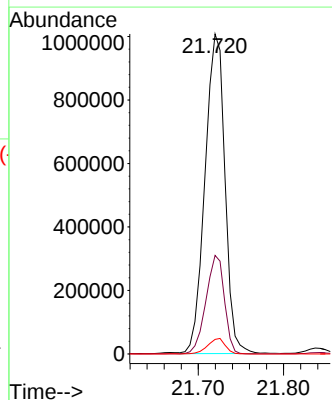
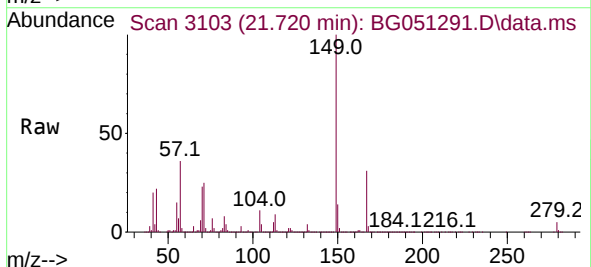
Manual Integrations
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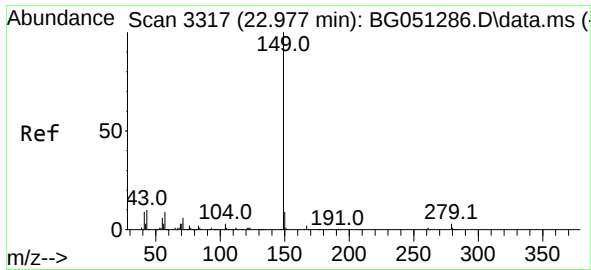
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 236.645 ng/ul
RT: 21.720 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

Tgt Ion:149 Resp: 1636497
Ion Ratio Lower Upper
149 100
167 30.8 21.1 31.7
279 4.6 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 9.030 ng/ul
RT: 22.983 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG051291.D
Acq: 1 Dec 2021 18:48

Instrument :
BNA_G
ClientSampleId :
BGKN8

Tgt Ion:149 Resp: 107452

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

