

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051303.D
 Acq On : 2 Dec 2021 14:14
 Operator : CG/JU
 Sample : M4868-11DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 15:12:53 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	8.199	152	27143	20.000	ng/u1	0.00
20) Naphthalene-d8	11.031	136	119435	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	78038	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.588	188	148144	20.000	ng/u1	0.00
79) Chrysene-d12	21.895	240	138156	20.000	ng/u1	0.01
88) Perylene-d12	25.303	264	141757	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	191	0.245	ng/uL	0.00
4) Pyridine-d5	3.987	84	2909	1.269	ng/u1	0.00
7) Phenol-d5	7.359	99	6427	2.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	4333	2.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.735	132	4251	2.201	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	5336	2.465	ng/u1	0.00
21) Nitrobenzene-d5	9.380	128	2994	2.970	ng/u1	0.00
24) 2-Nitrophenol-d4	10.109	143	2772	2.437	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.661	165	4757	2.465	ng/u1	0.00
31) 4-Chloroaniline-d4	11.166	131	5433	1.924	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	14987	2.496	ng/u1	0.00
49) Acenaphthylene-d8	14.527	160	20173	2.664	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.820	176	13193	2.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	809	0.885	ng/u1	0.01
73) Anthracene-d10	17.688	188	20727m	2.925	ng/u1	0.00
81) Pyrene-d10	19.968	212	20525	2.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.068	264	19020	2.512	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.388	94	204435	73.563	ng/u1	97
13) 2-Methylphenol	8.646	108	17697	8.549	ng/u1	99
18) 4-Methylphenol	8.981	108	30786	13.908	ng/u1	98
26) 2,4-Dimethylphenol	10.191	107	22618m	9.391	ng/u1	
30) Naphthalene	11.084	128	1089099	167.587	ng/u1	98
32) 4-Chloroaniline	11.196	127	14963	5.279	ng/u1	97
36) 2-Methylnaphthalene	12.682	142	1082372	244.862	ng/u1	99
37) 1-Methylnaphthalene	12.894	142	469876	103.322	ng/u1	98
43) 1,1'-Biphenyl	13.663	154	216873	37.208	ng/u1	98
52) Acenaphthene	14.897	153	99912	20.252	ng/u1	98
56) Dibenzofuran	15.232	168	161849	22.744	ng/u1	98
59) Diethylphthalate	15.626	149	29201	4.577	ng/u1#	93
61) Fluorene	15.878	166	68281	11.979	ng/u1#	97
72) Phenanthrene	17.629	178	94561	11.561	ng/u1#	95
78) Di-n-butylphthalate	18.517	149	315920	34.361	ng/u1	99
80) Fluoranthene	19.633	202	25584	2.492	ng/u1#	96
82) Pyrene	19.991	202	22680	2.258	ng/u1#	93
83) Butylbenzylphthalate	20.896	149	5063037	1212.580	ng/u1#	87
86) Bis(2-ethylhexyl)phtha...	21.760	149	5441072	905.579	ng/u1#	62
89) Di-n-octyl phthalate	23.005	149	1645023	160.180	ng/u1	100

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

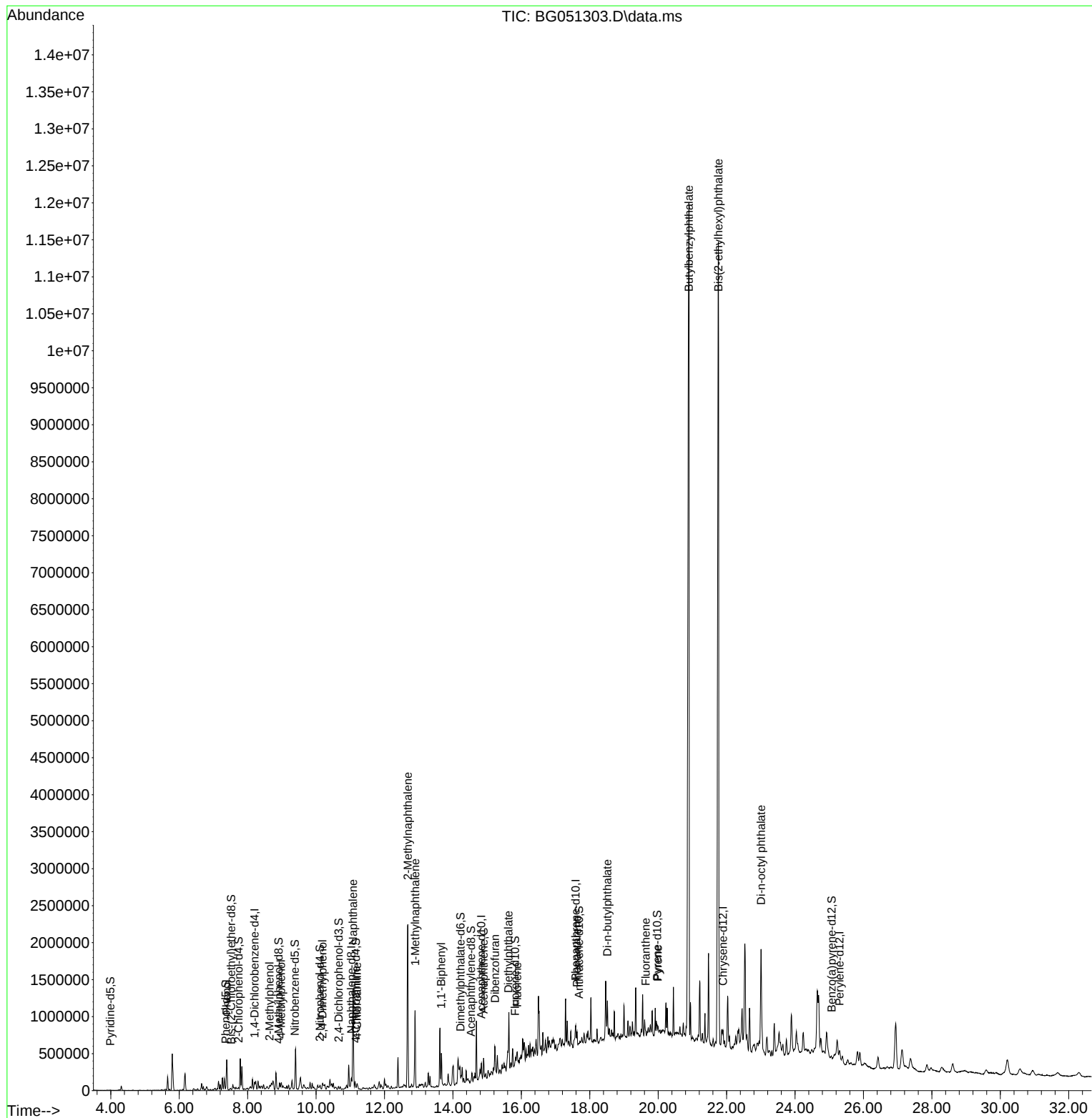
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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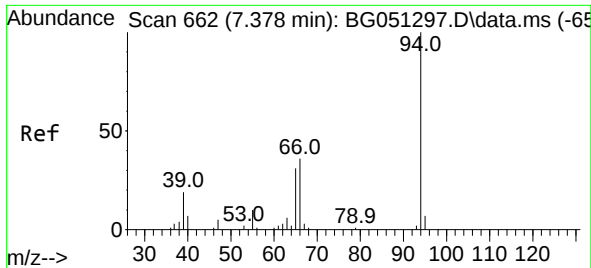
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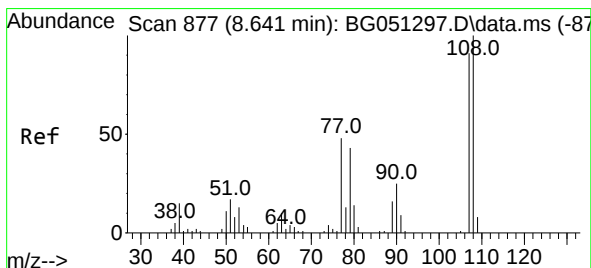
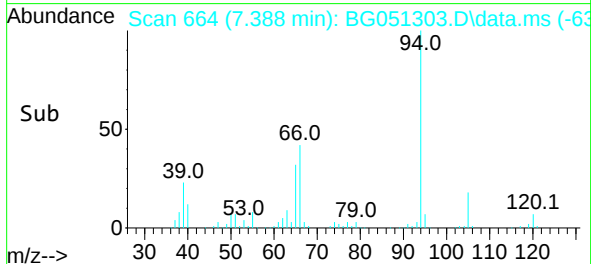
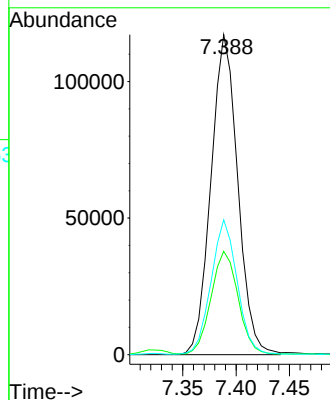
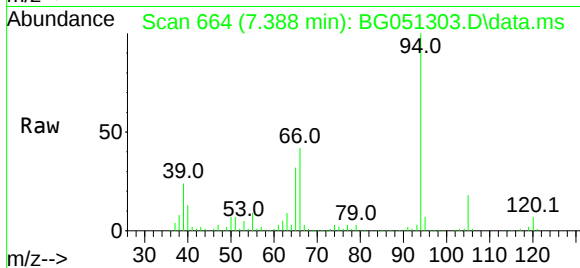
#8
Phenol
Concen: 73.563 ng/ul
RT: 7.388 min Scan# 662
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion: 94 Resp: 204435
Ion Ratio Lower Upper
94 100
65 32.3 25.1 37.7
66 42.1 31.6 47.4

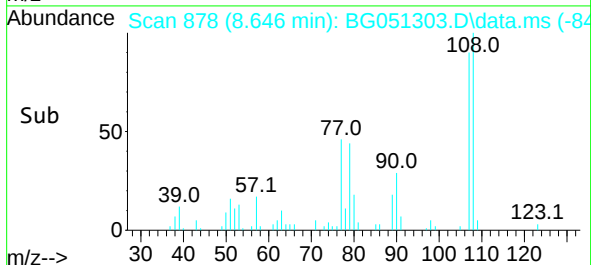
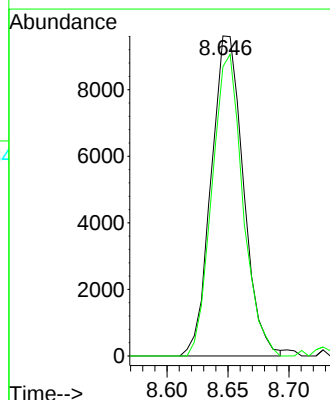
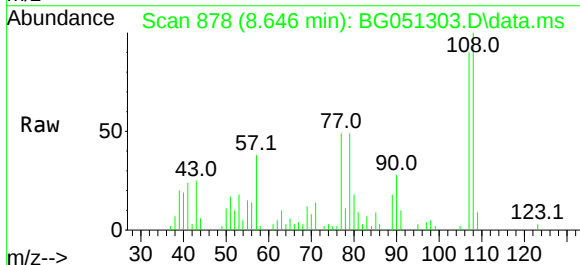
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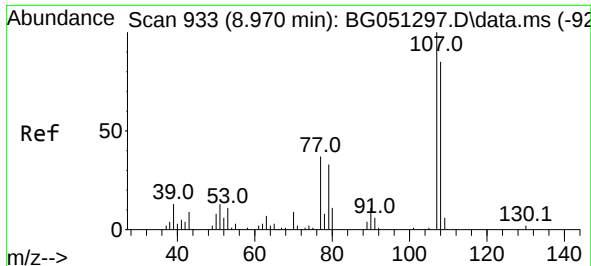
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#13
2-Methylphenol
Concen: 8.549 ng/ul
RT: 8.646 min Scan# 878
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

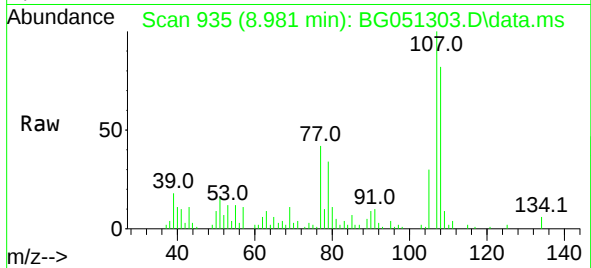
Tgt Ion:108 Resp: 17697
Ion Ratio Lower Upper
108 100
107 90.4 71.8 107.6





#18
4-Methylphenol
Concen: 13.908 ng/ul
RT: 8.981 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

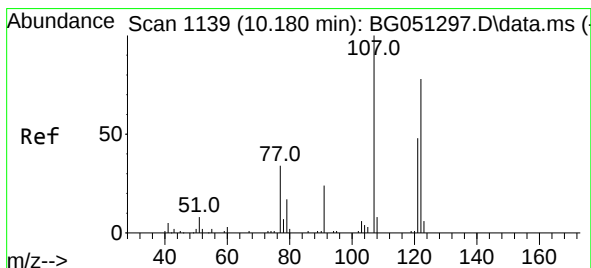
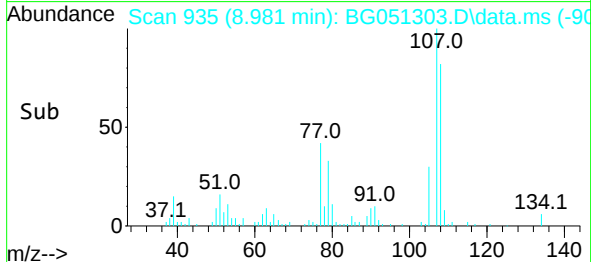
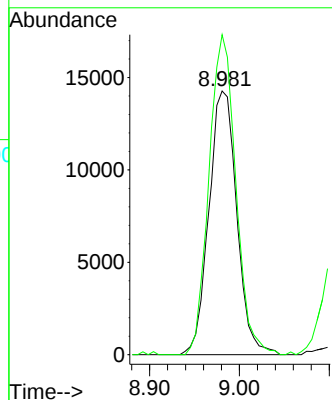
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



Tgt Ion:108 Resp: 30780
Ion Ratio Lower Upper
108 100
107 121.4 95.0 142.4

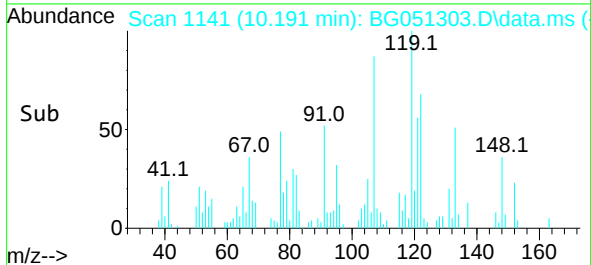
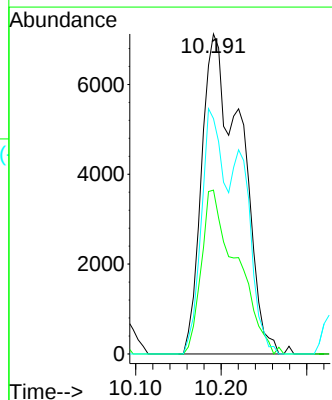
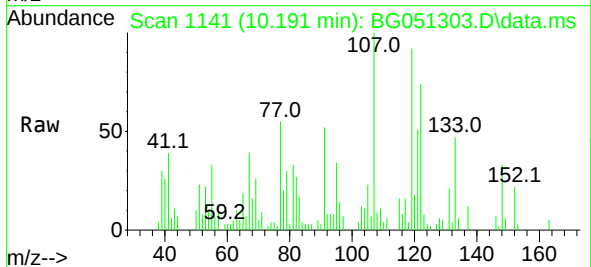
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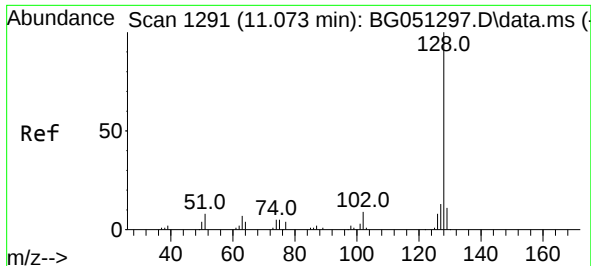
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#26
2,4-Dimethylphenol
Concen: 9.391 ng/ul m
RT: 10.191 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

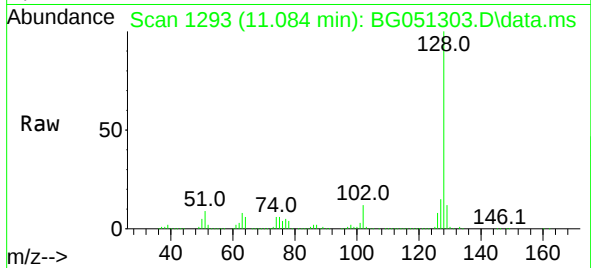
Tgt Ion:107 Resp: 22618
Ion Ratio Lower Upper
107 100
121 51.2 39.3 58.9
122 73.5 63.7 95.5





#30
Naphthalene
Concen: 167.587 ng/uI
RT: 11.084 min Scan# 11084
Delta R.T. 0.008 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

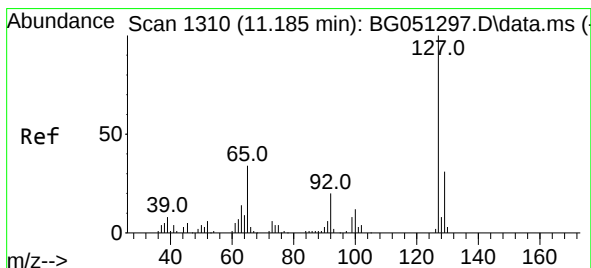
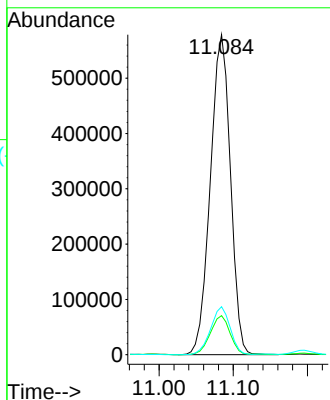
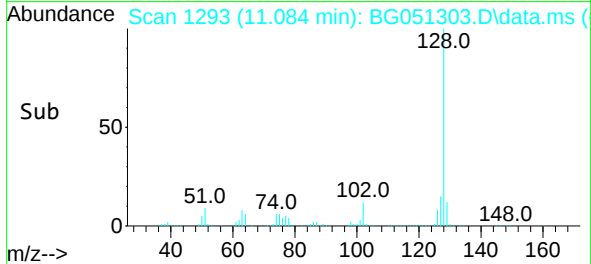
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



Tgt Ion:128 Resp: 1089099
Ion Ratio Lower Upper
128 100
129 12.2 8.5 12.7
127 15.0 11.8 17.6

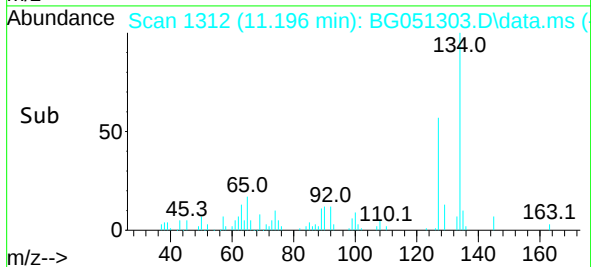
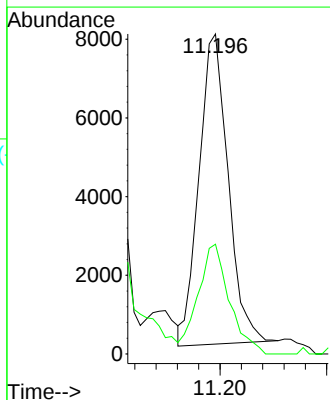
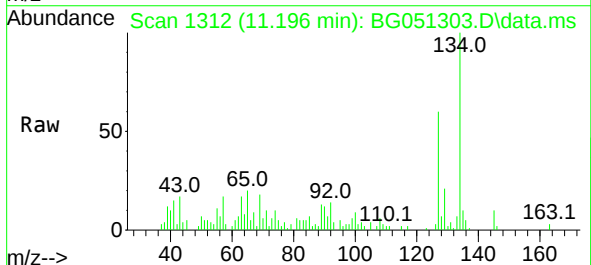
Manual Integrations
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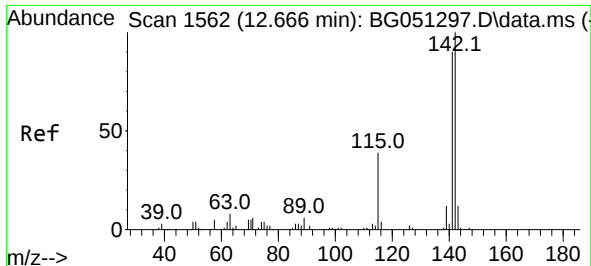
Reviewed By :Jagrut Upadhyay 12/02/2021
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#32
4-Chloroaniline
Concen: 5.279 ng/uI
RT: 11.196 min Scan# 1312
Delta R.T. 0.008 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

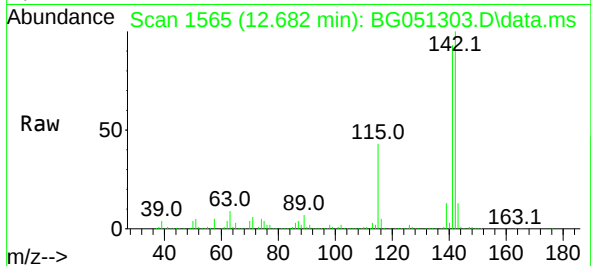
Tgt Ion:127 Resp: 14963
Ion Ratio Lower Upper
127 100
129 34.3 26.2 39.2





#36
2-Methylnaphthalene
Concen: 244.862 ng/ul
RT: 12.682 min Scan# 11
Delta R.T. 0.014 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

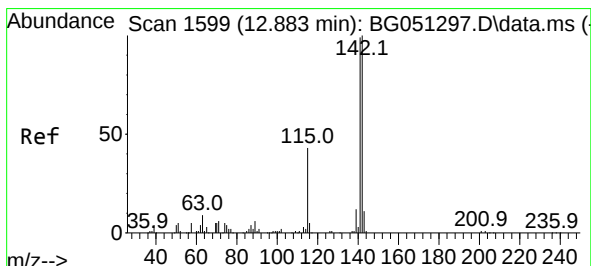
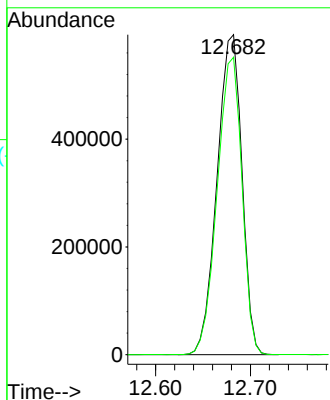
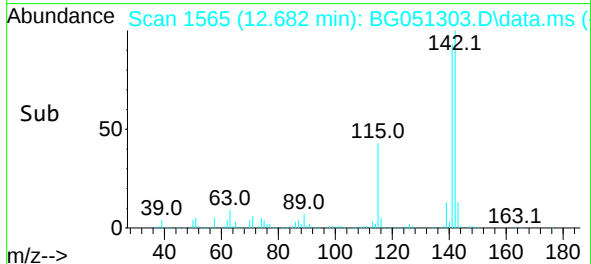
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



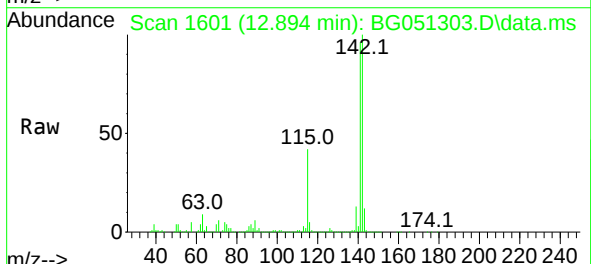
Tgt Ion:142 Resp: 108237
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9

Manual Integrations
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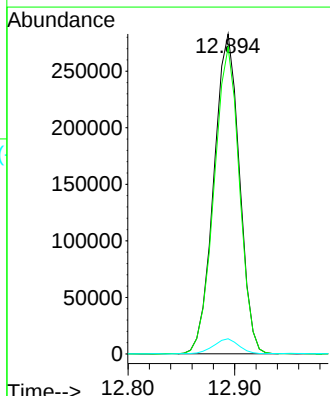
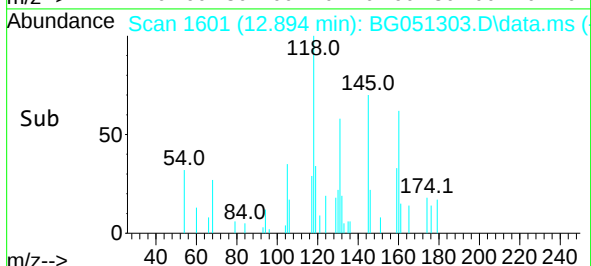
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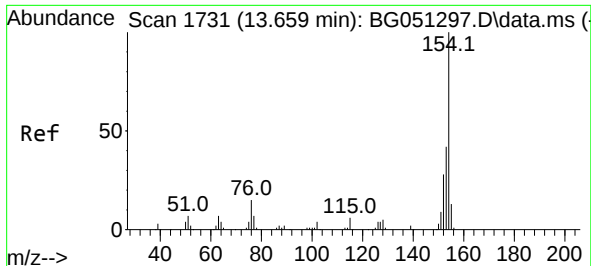


#37
1-Methylnaphthalene
Concen: 103.322 ng/ul
RT: 12.894 min Scan# 1601
Delta R.T. 0.008 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14



Tgt Ion:142 Resp: 469876
Ion Ratio Lower Upper
142 100
141 95.8 77.8 116.8
116 4.8 3.3 4.9





#43

1,1'-Biphenyl

Concen: 37.208 ng/ul

RT: 13.663 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG051303.D

Acq: 2 Dec 2021 14:14

Instrument :

BNA_G

ClientSampleId :

BGKP6DL

Tgt Ion:154 Resp: 21687

Ion Ratio Lower Upper

154 100

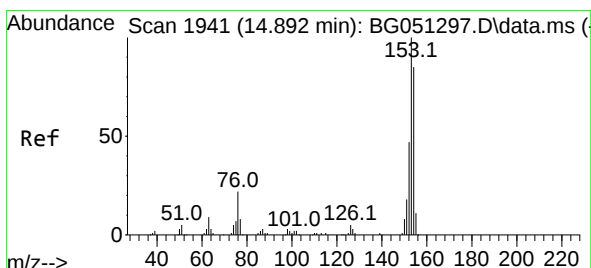
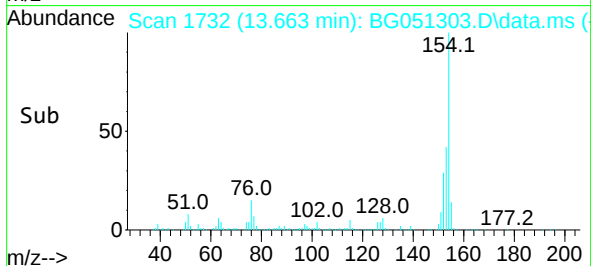
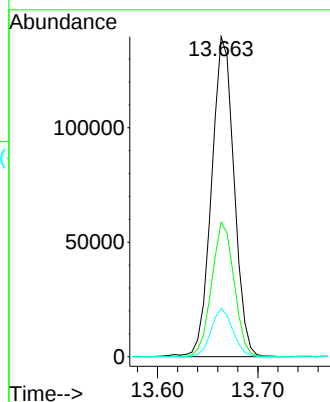
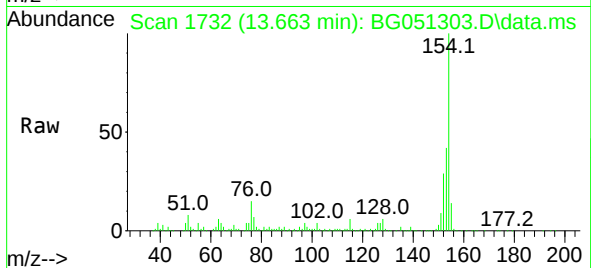
153 42.0 34.5 51.7

76 15.0 13.1 19.7

Manual Integrations

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#52

Acenaphthene

Concen: 20.252 ng/ul

RT: 14.897 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG051303.D

Acq: 2 Dec 2021 14:14

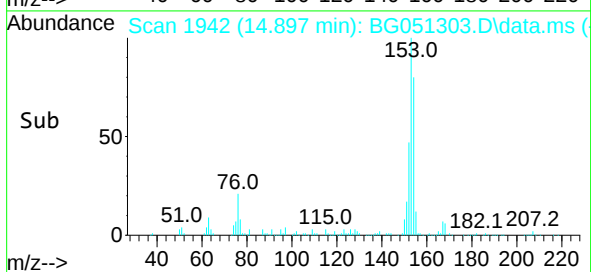
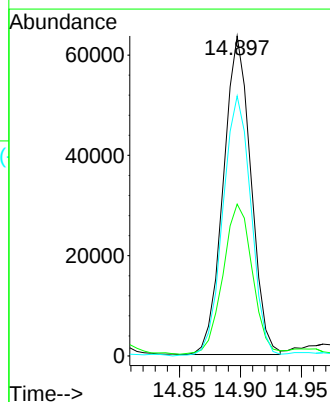
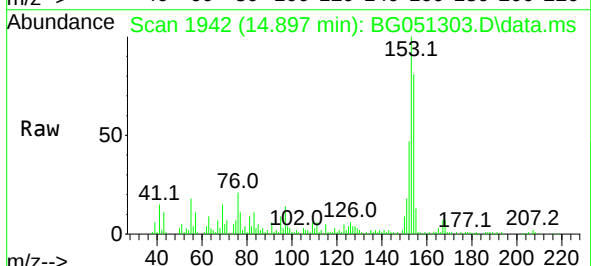
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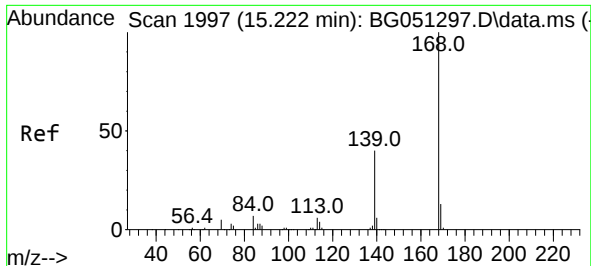
Ion Ratio Lower Upper

153 100

152 47.5 36.5 54.7

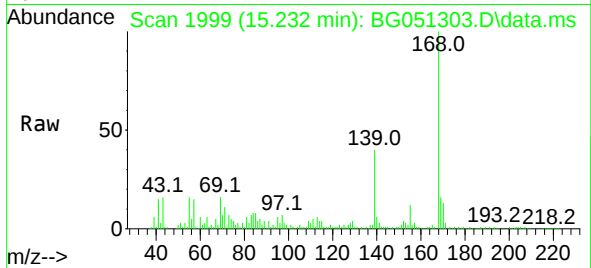
154 81.3 65.8 98.6





#56
Dibenzenofuran
Concen: 22.744 ng/ul
RT: 15.232 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

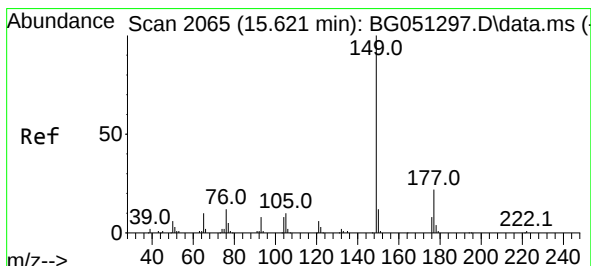
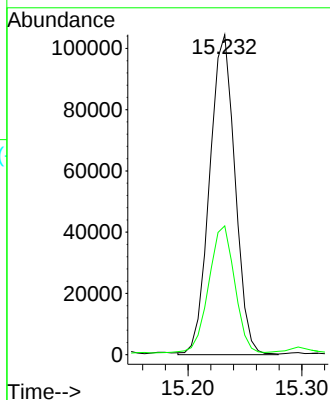
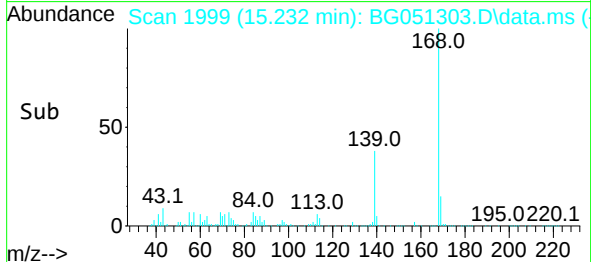
Instrument :
BNA_G
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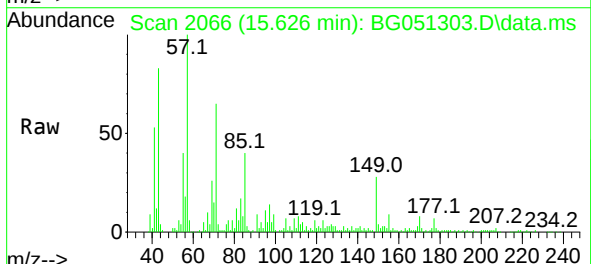
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Ion Ratio Lower Upper
168 100
139 40.3 31.2 46.8

Manual Integrations
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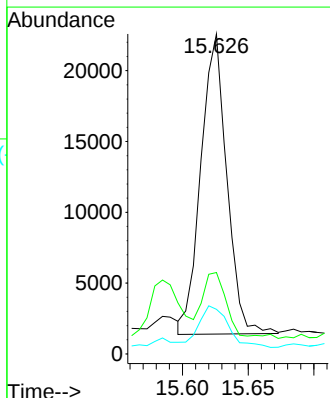
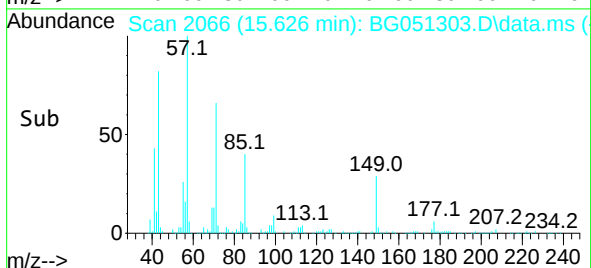
Reviewed By :Jagrut Upadhyay 12/02/2021
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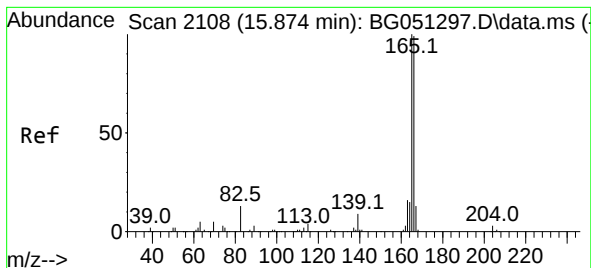


#59
Diethylphthalate
Concen: 4.577 ng/ul
RT: 15.626 min Scan# 2066
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14



Tgt Ion:149 Resp: 29201
Ion Ratio Lower Upper
149 100
177 25.5 16.8 25.2#
150 14.0 10.1 15.1





#61

Fluorene

Concen: 11.979 ng/ul

RT: 15.878 min Scan# 2108

Delta R.T. 0.002 min

Lab File: BG051303.D

Acq: 2 Dec 2021 14:14

Instrument :

BNA_G

ClientSampleId :

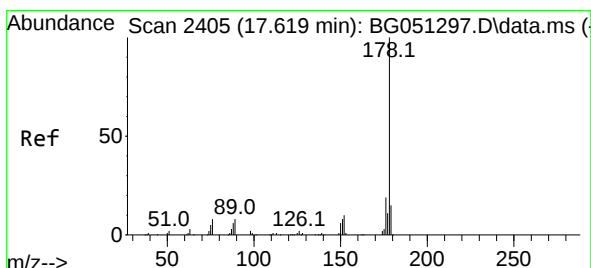
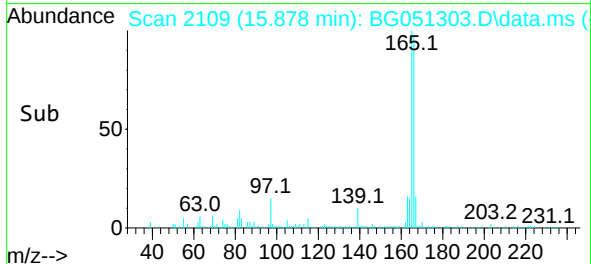
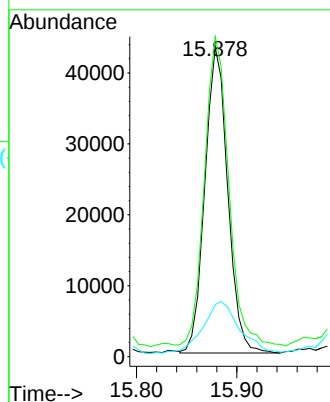
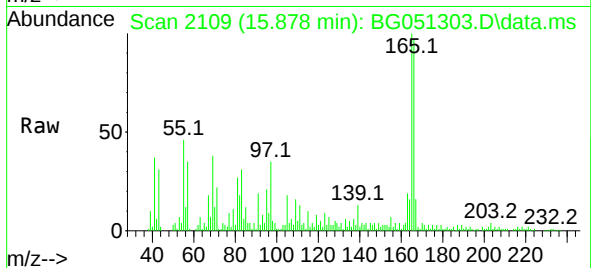
BGKP6DL

Tgt Ion:166	Resp:	6828
Ion Ratio	Lower	Upper
166	100	
165	103.5	81.0 121.6
167	16.9	11.0 16.4

Manual Integrations

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



#72

Phenanthrene

Concen: 11.561 ng/ul

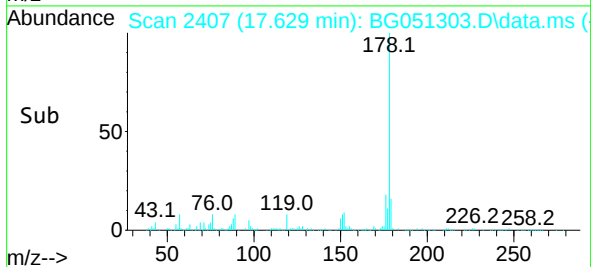
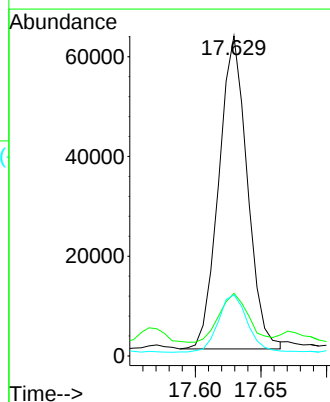
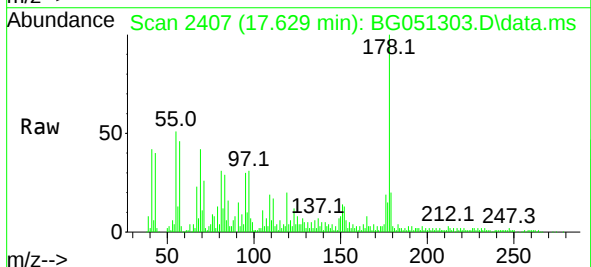
RT: 17.629 min Scan# 2407

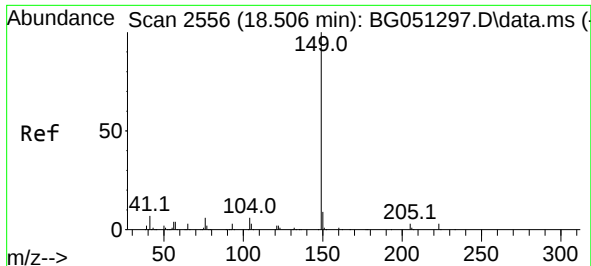
Delta R.T. 0.008 min

Lab File: BG051303.D

Acq: 2 Dec 2021 14:14

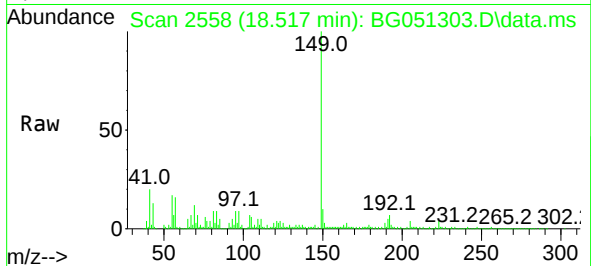
Tgt Ion:178	Resp:	94561
Ion Ratio	Lower	Upper
178	100	
179	19.6	12.3 18.5
176	19.1	15.5 23.3





#78
Di-n-butylphthalate
Concen: 34.361 ng/ul
RT: 18.517 min Scan# 2558
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

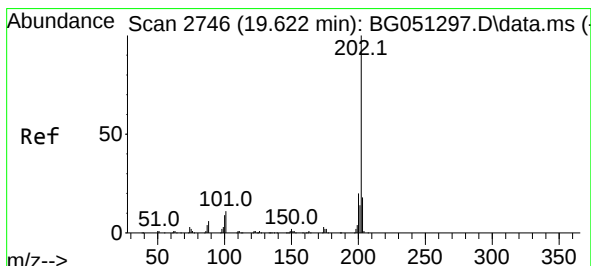
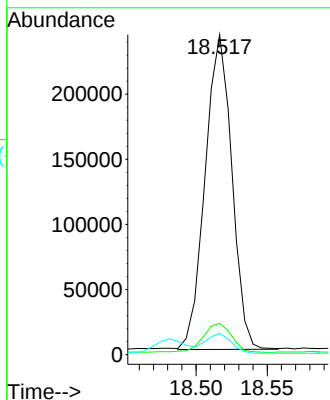
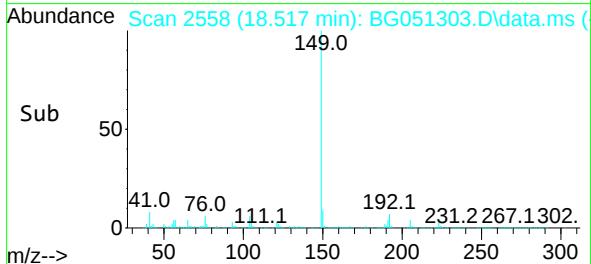
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



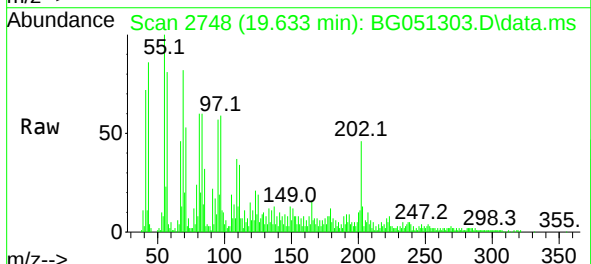
Tgt Ion:149 Resp: 315920
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 6.7 5.0 7.6

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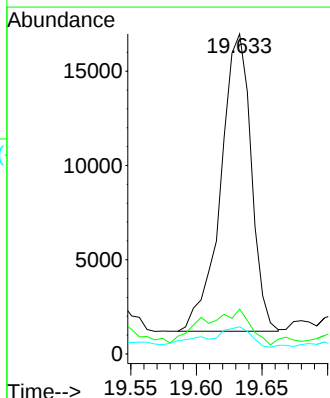
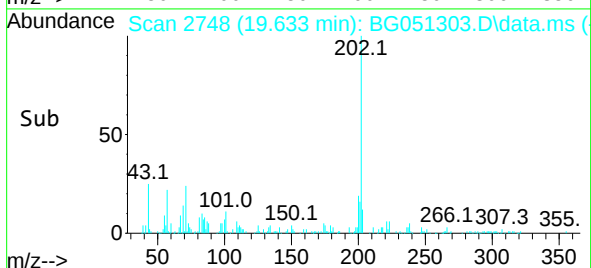
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

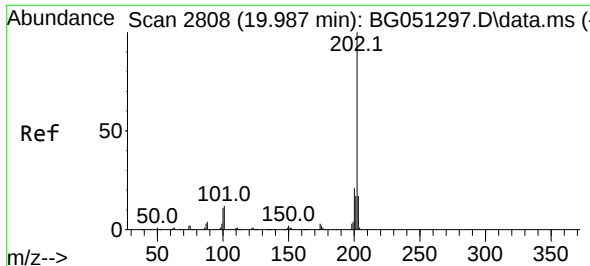


#80
Fluoranthene
Concen: 2.492 ng/ul
RT: 19.633 min Scan# 2748
Delta R.T. 0.008 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14



Tgt Ion:202 Resp: 25584
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 8.5 7.0 10.6





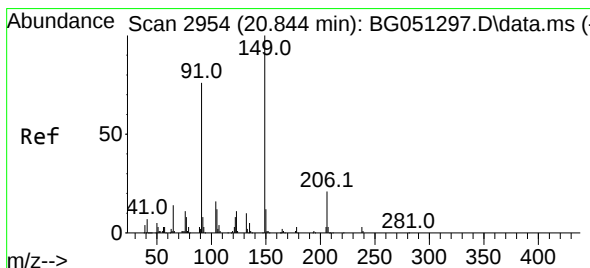
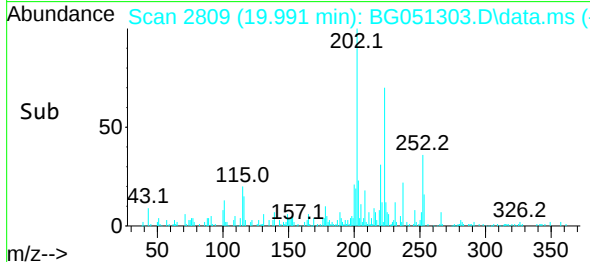
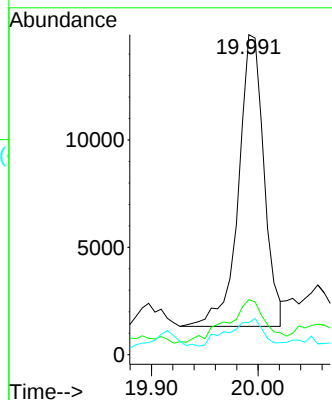
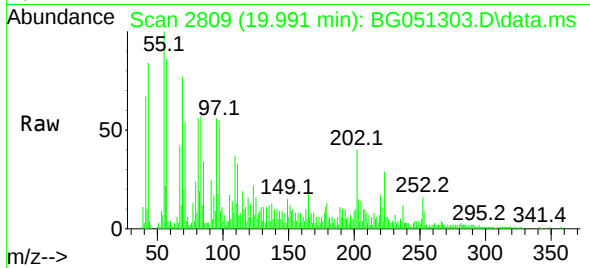
#82
Pyrene
Concen: 2.258 ng/ul
RT: 19.991 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion:202 Resp: 22680
Ion Ratio Lower Upper
202 100
101 17.2 10.7 16.1
100 10.1 9.0 13.6

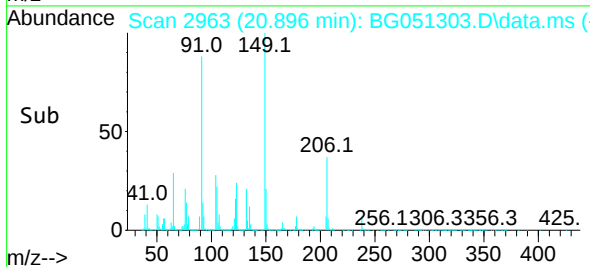
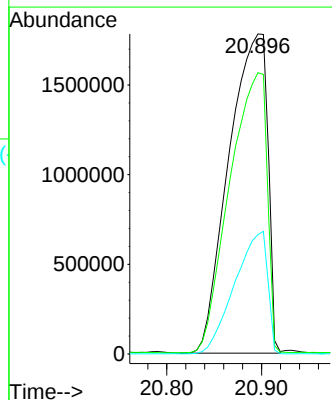
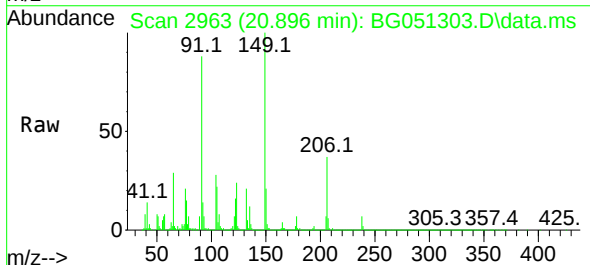
Manual Integrations
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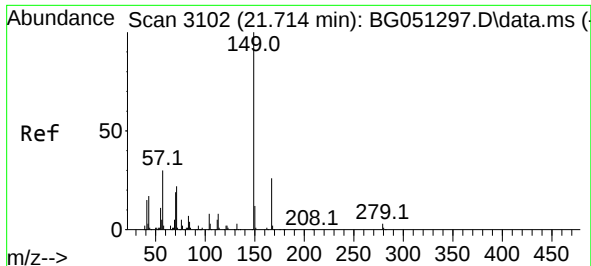
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#83
Butylbenzylphthalate
Concen: 1212.580 ng/ul
RT: 20.896 min Scan# 2963
Delta R.T. 0.049 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

Tgt Ion:149 Resp: 5063037
Ion Ratio Lower Upper
149 100
91 87.9 65.2 97.8
206 37.3 16.2 24.2#





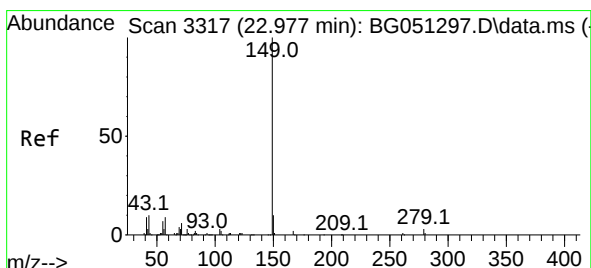
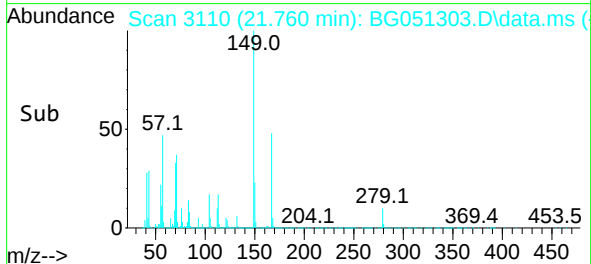
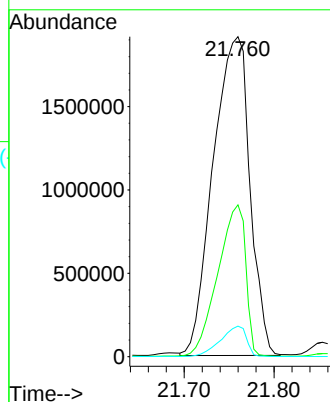
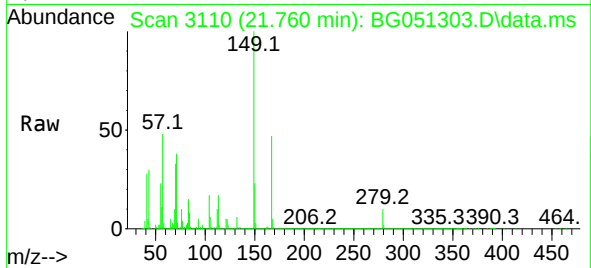
#86
Bis(2-ethylhexyl)phthalate
Concen: 905.579 ng/ul
RT: 21.760 min Scan# 3110
Delta R.T. 0.037 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion:149 Resp: 5441072
Ion Ratio Lower Upper
149 100
167 47.5 21.1 31.7
279 9.6 2.7 4.1

Manual Integrations
APPROVED

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



#89
Di-n-octyl phthalate
Concen: 160.180 ng/ul
RT: 23.005 min Scan# 3322
Delta R.T. 0.020 min
Lab File: BG051303.D
Acq: 2 Dec 2021 14:14

Tgt Ion:149 Resp: 1645023

