

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051390.D
 Acq On : 7 Dec 2021 20:02
 Operator : CG/JU
 Sample : M4868-10MEDL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP5MEDL

Quant Time: Dec 08 02:23:16 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 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	32947	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.015	136	143323	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.822	164	95302	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	205239	20.000	ng/u1	0.00
79) Chrysene-d12	21.873	240	175844	20.000	ng/u1	0.00
88) Perylene-d12	25.275	264	173162	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	1318	1.390	ng/uL	-0.01
4) Pyridine-d5	3.976	84	4284	1.540	ng/u1	0.00
7) Phenol-d5	7.354	99	14788	4.541	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	10174	4.975	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.719	132	11482	4.897	ng/u1	-0.01
15) 4-Methylphenol-d8	8.905	113	12153	4.625	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	6222	5.143	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	6759	4.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	10843	4.683	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	14621	4.315	ng/u1	0.00
46) Dimethylphthalate-d6	14.211	166	40152	5.476	ng/u1	-0.01
49) Acenaphthylene-d8	14.517	160	51885	5.611	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.075	143	3459m	2.914	ng/u1	0.03
60) Fluorene-d10	15.815	176	37481	5.676	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.672	188	59705	6.083	ng/u1	0.00
81) Pyrene-d10	19.951	212	67088	6.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.034	264	54625	5.907	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.384	94	13725	4.069	ng/u1	98
30) Naphthalene	11.068	128	48374	6.203	ng/u1	98
36) 2-Methylnaphthalene	12.660	142	127884	24.109	ng/u1	99
37) 1-Methylnaphthalene	12.877	142	50881	9.324	ng/u1	99
43) 1,1'-Biphenyl	13.653	154	21731	3.053	ng/u1	99
52) Acenaphthene	14.887	153	9926	1.647	ng/u1	95
56) Dibenzofuran	15.222	168	19153	2.204	ng/u1	97
61) Fluorene	15.868	166	7765	1.116	ng/u1	97
83) Butylbenzylphthalate	20.839	149	144543	27.198	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.708	149	144054	18.837	ng/u1	98
89) Di-n-octyl phthalate	22.977	149	18768	1.496	ng/u1	100

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

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Instrument :

BNA_G

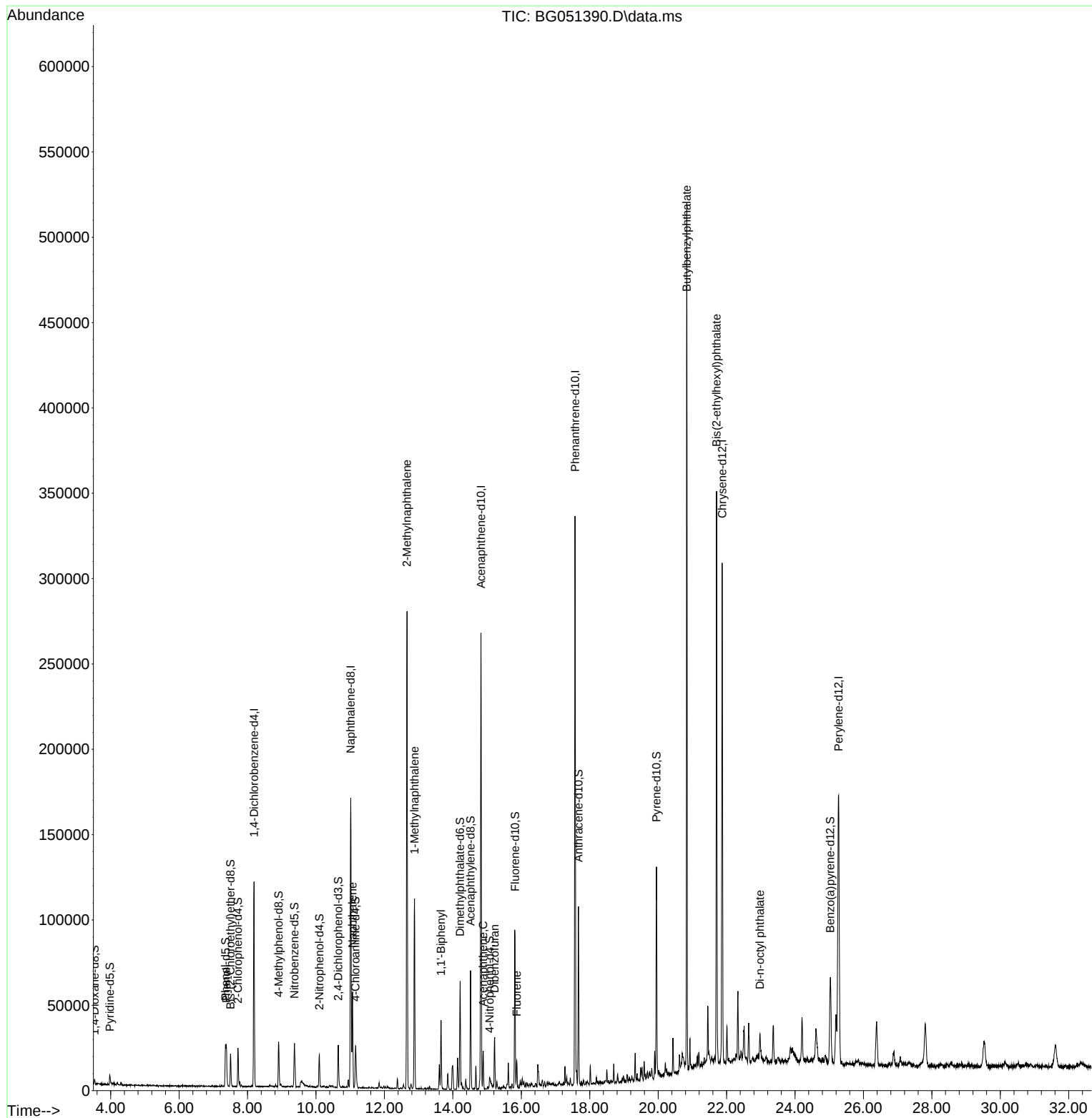
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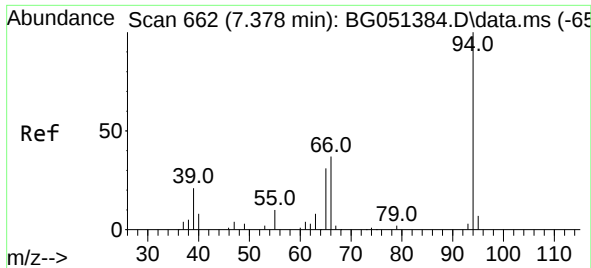
BGKP5MEDL

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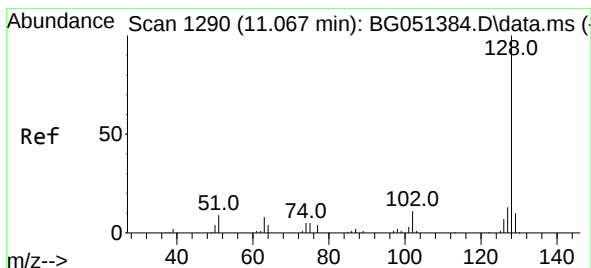
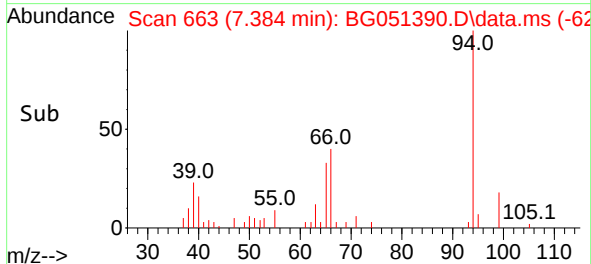
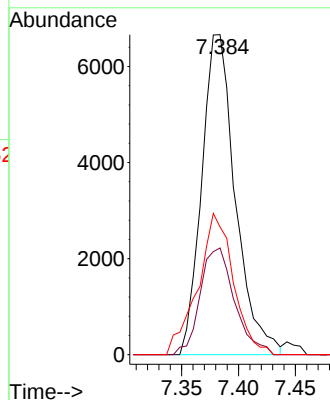
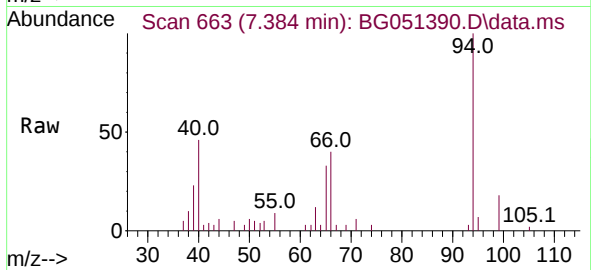
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Phenol
Concen: 4.069 ng/ul
RT: 7.384 min Scan# 662
Delta R.T. -0.003 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Instrument :
BNA_G
ClientSampleId :
BGKP5MEDL

Tgt Ion: 94 Resp: 13725
Ion Ratio Lower Upper
94 100
65 33.4 25.1 37.7
66 39.9 31.6 47.4

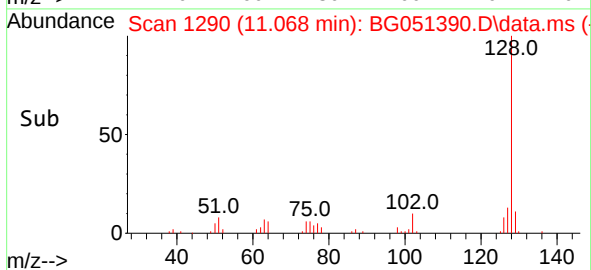
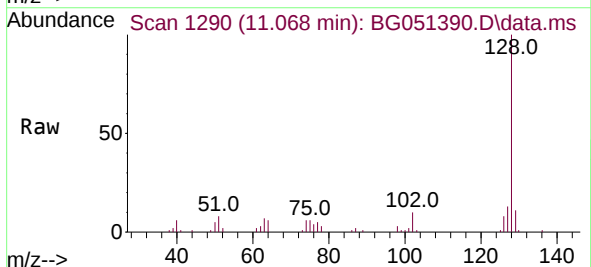
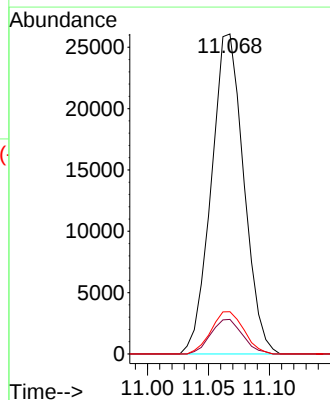
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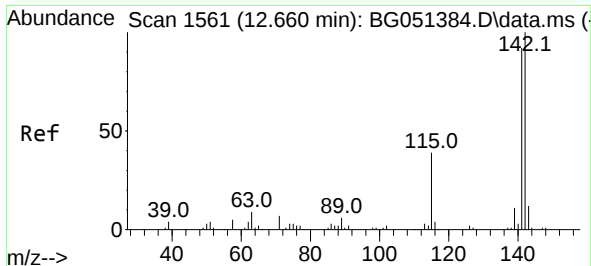
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#30
Naphthalene
Concen: 6.203 ng/ul
RT: 11.068 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Tgt Ion:128 Resp: 48374
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.2 11.8 17.6





#36
2-Methylnaphthalene
Concen: 24.109 ng/ul
RT: 12.660 min Scan# 1561
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Instrument :

BNA_G

ClientSampleId :

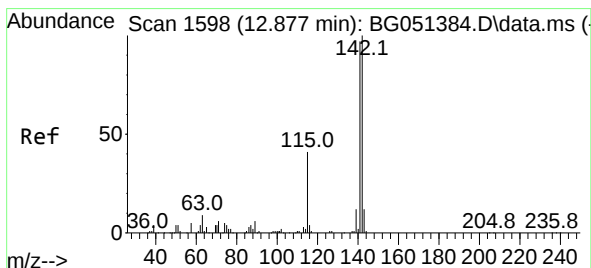
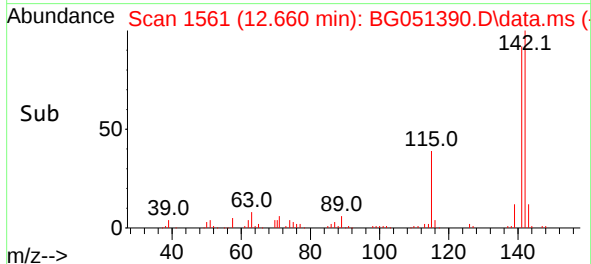
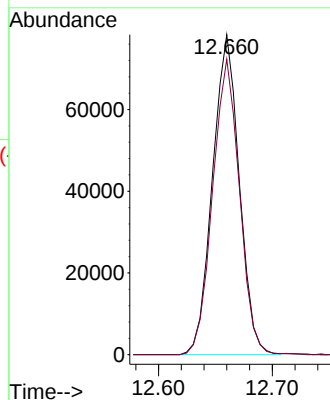
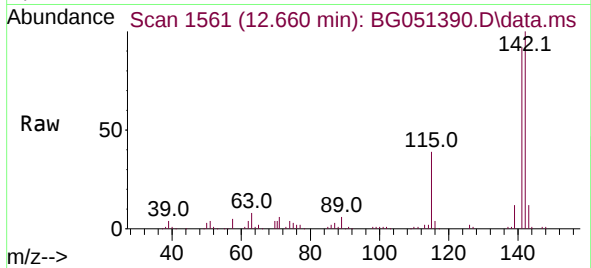
BGKP5MEDL

Tgt Ion:142 Resp: 127884
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

Manual Integrations

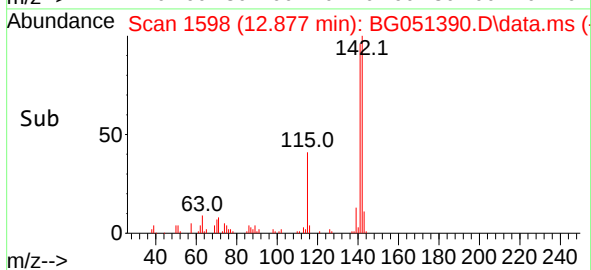
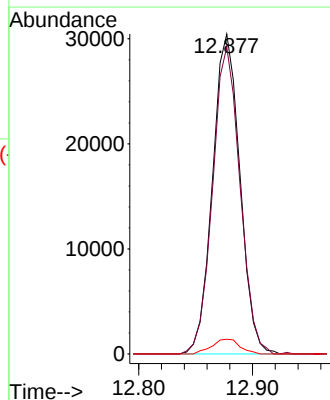
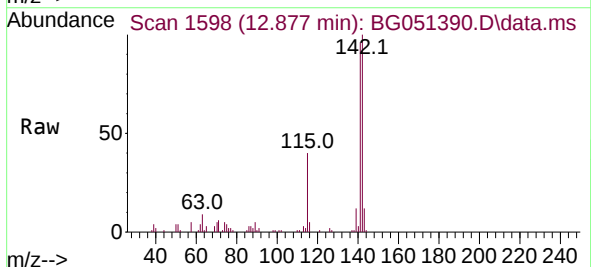
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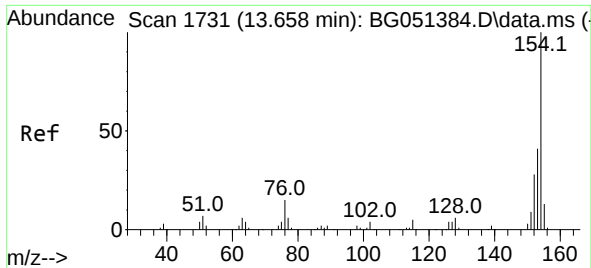
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#37
1-Methylnaphthalene
Concen: 9.324 ng/ul
RT: 12.877 min Scan# 1598
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

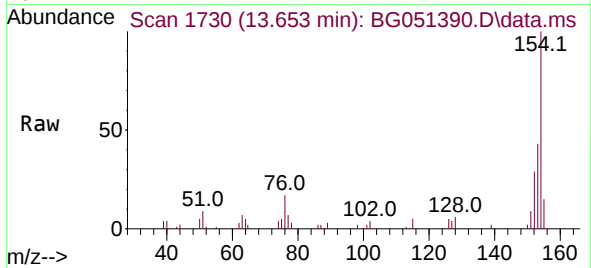
Tgt Ion:142 Resp: 50881
Ion Ratio Lower Upper
142 100
141 96.0 77.8 116.8
116 4.6 3.3 4.9





#43
1,1'-Biphenyl
Concen: 3.053 ng/ul
RT: 13.653 min Scan# 1731
Delta R.T. -0.014 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

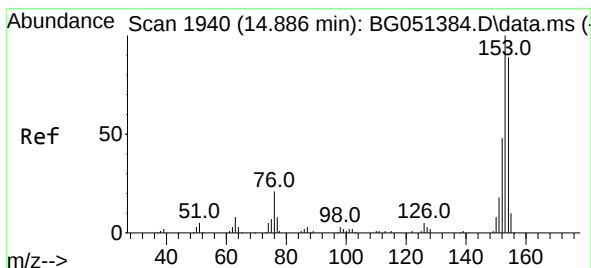
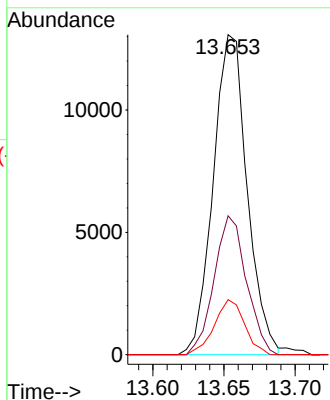
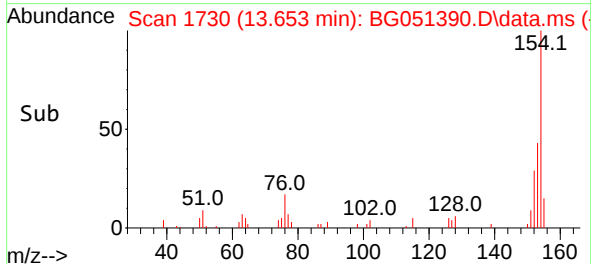
Instrument :
BNA_G
ClientSampleId :
BGKP5MEDL



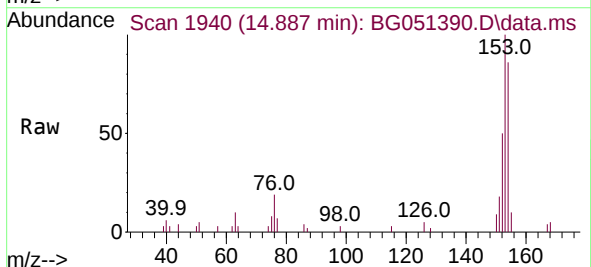
Tgt Ion:154 Resp: 2173
Ion Ratio Lower Upper
154 100
153 43.4 34.5 51.7
76 17.2 13.1 19.7

Manual Integrations
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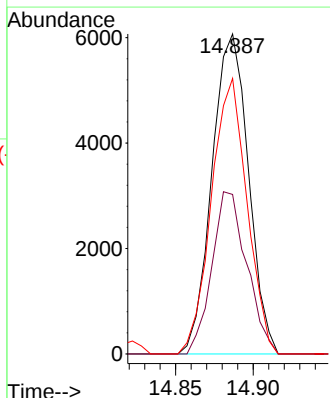
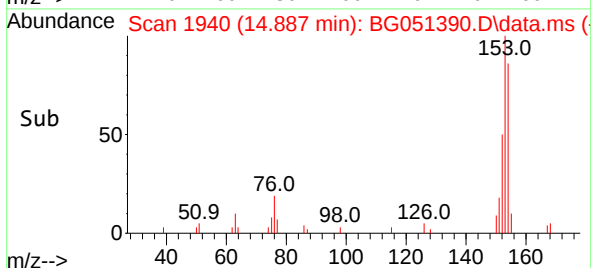
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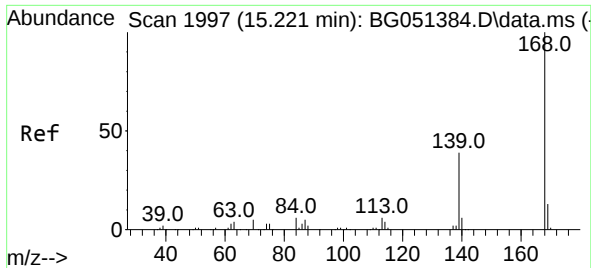


#52
Acenaphthene
Concen: 1.647 ng/ul
RT: 14.887 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02



Tgt Ion:153 Resp: 9926
Ion Ratio Lower Upper
153 100
152 49.9 36.5 54.7
154 86.1 65.8 98.6





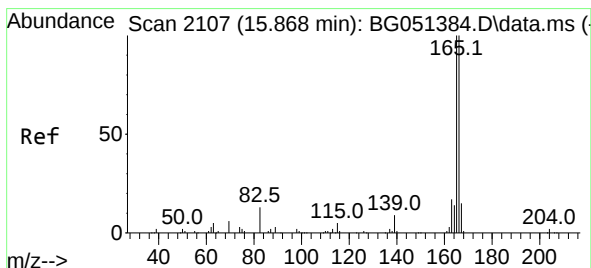
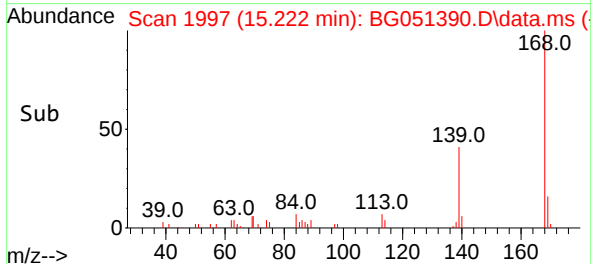
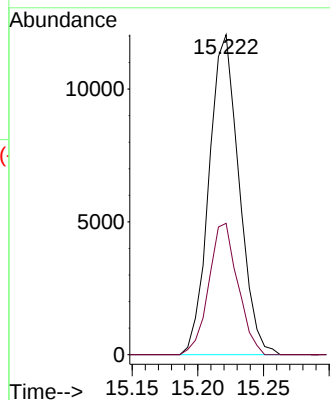
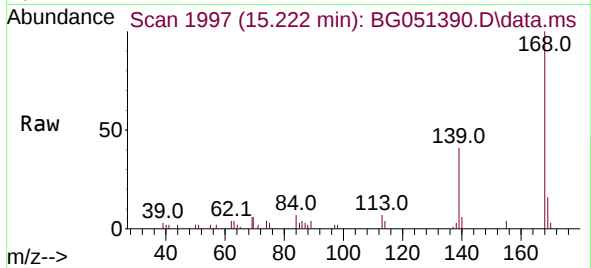
#56
Dibenzenofuran
Concen: 2.204 ng/ul
RT: 15.222 min Scan# 1997
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Instrument :
BNA_G
ClientSampleId :
BGKP5MEDL

Tgt Ion:168 Resp: 1915
Ion Ratio Lower Upper
168 100
139 41.1 31.2 46.8

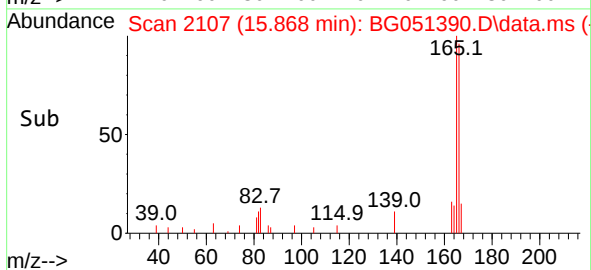
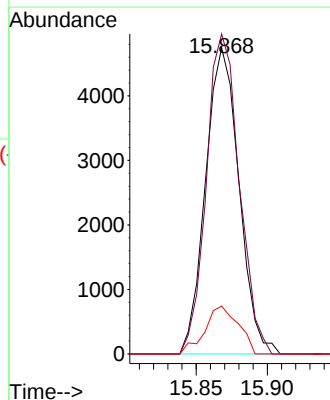
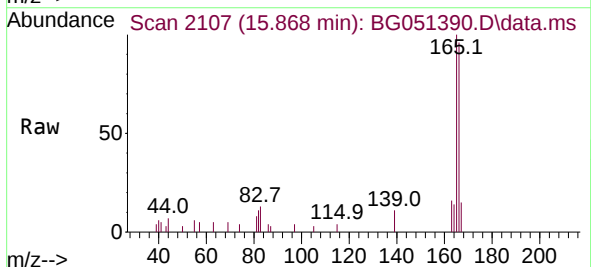
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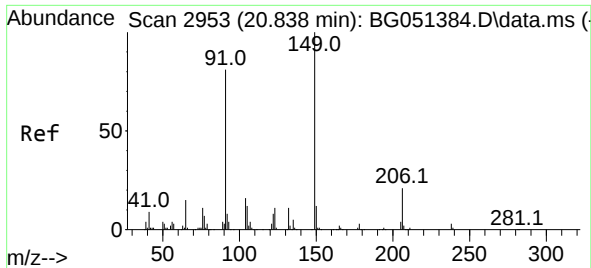
Reviewed By :Jagrut Upadhyay 12/08/2021
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#61
Fluorene
Concen: 1.116 ng/ul
RT: 15.868 min Scan# 2107
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Tgt Ion:166 Resp: 7765
Ion Ratio Lower Upper
166 100
165 104.5 81.0 121.6
167 15.6 11.0 16.4





#83
Butylbenzylphthalate
Concen: 27.198 ng/ul
RT: 20.839 min Scan# 2953
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Instrument :

BNA_G

ClientSampleId :

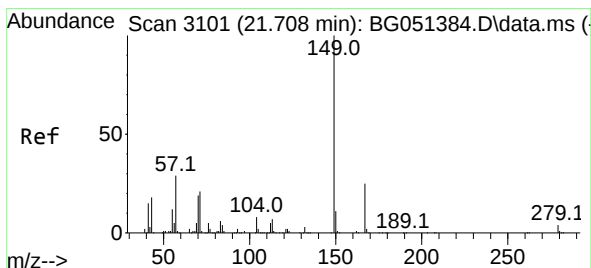
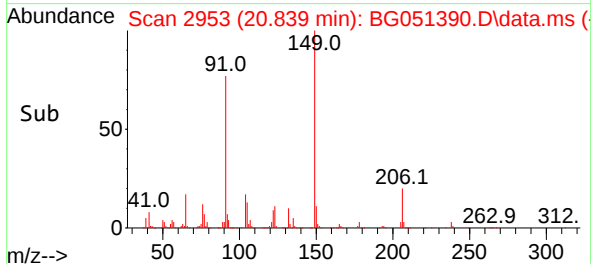
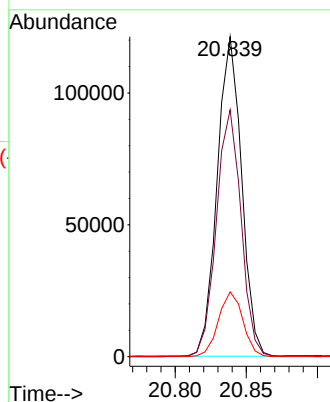
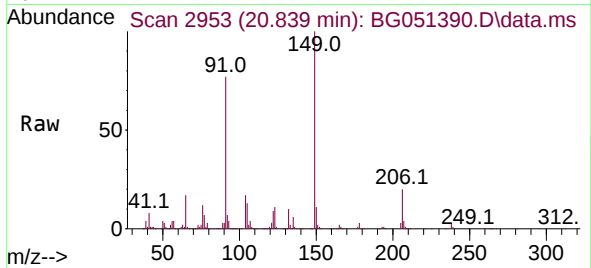
BGKP5MEDL

Tgt Ion:149 Resp: 14454
Ion Ratio Lower Upper
149 100
91 77.2 65.2 97.8
206 20.2 16.2 24.2

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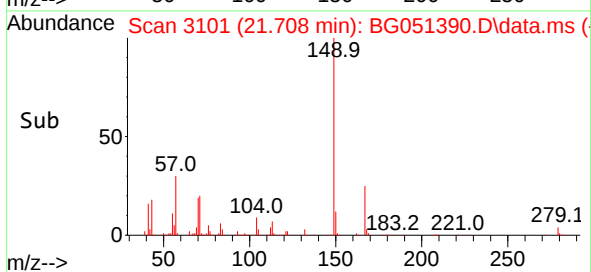
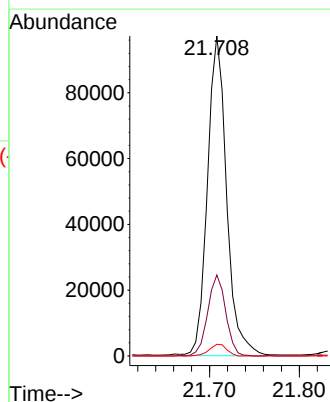
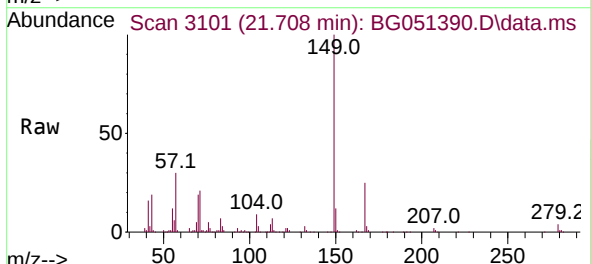
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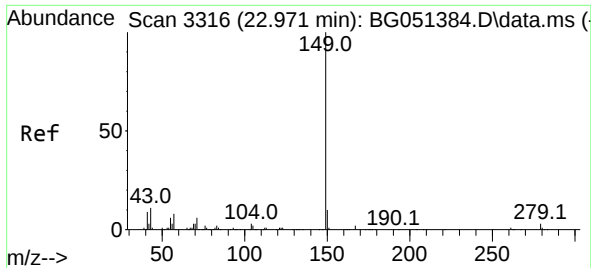
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.837 ng/ul
RT: 21.708 min Scan# 3101
Delta R.T. -0.014 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Tgt Ion:149 Resp: 144054
Ion Ratio Lower Upper
149 100
167 25.3 21.1 31.7
279 3.6 2.7 4.1





#89
Di-n-octyl phthalate
Concen: 1.496 ng/ul
RT: 22.977 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051390.D
Acq: 7 Dec 2021 20:02

Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 18768

Manual Integrations
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