

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051261.D
 Acq On : 26 Nov 2021 17:21
 Operator : CG/JU
 Sample : M4725-10DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L19DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 21:43:40 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	8.206	152	37091	20.000	ng/u1	0.00
20) Naphthalene-d8	11.038	136	163668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.839	164	102476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.589	188	195889	20.000	ng/u1	0.00
79) Chrysene-d12	21.890	240	170078	20.000	ng/u1	0.00
88) Perylene-d12	25.303	264	170504	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.987	84	3640	1.162	ng/u1	0.00
7) Phenol-d5	7.372	99	5409	1.476	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.518	67	13622	5.917	ng/u1	0.00
11) 2-Chlorophenol-d4	7.736	132	13015	4.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	9614	3.250	ng/u1	0.00
21) Nitrobenzene-d5	9.387	128	8800	6.369	ng/u1	0.00
24) 2-Nitrophenol-d4	10.109	143	9393	6.027	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.662	165	16019	6.058	ng/u1	0.00
31) 4-Chloroaniline-d4	11.173	131	19647	5.078	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	53207	6.748	ng/u1	0.00
49) Acenaphthylene-d8	14.534	160	68530	6.892	ng/u1	0.00
54) 4-Nitrophenol-d4	15.080	143	3075m	2.409	ng/u1	0.03
60) Fluorene-d10	15.826	176	47119	6.636	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.683	188	70714	7.548	ng/u1	0.00
81) Pyrene-d10	19.963	212	74987	7.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.063	264	65043	7.143	ng/u1	0.02
Target Compounds					Qvalue	
13) 2-Methylphenol	8.652	108	19743	6.980	ng/u1	97
26) 2,4-Dimethylphenol	10.192	107	55143m	16.708	ng/u1	
30) Naphthalene	11.097	128	2836914	318.557	ng/u1#	92
36) 2-Methylnaphthalene	12.671	142	25945	4.283	ng/u1	92
37) 1-Methylnaphthalene	12.894	142	70251	11.273	ng/u1	94
43) 1,1'-Biphenyl	13.664	154	14050	1.836	ng/u1	97
52) Acenaphthene	14.904	153	294241	45.419	ng/u1	95
56) Dibenzofuran	15.233	168	239458	25.626	ng/u1	98
61) Fluorene	15.885	166	187902	25.104	ng/u1	99
72) Phenanthrene	17.630	178	101783	9.411	ng/u1	98
74) Anthracene	17.724	178	29674	2.762	ng/u1	96
77) Carbazole	17.994	167	355545	37.709	ng/u1	98
80) Fluoranthene	19.634	202	53193	4.208	ng/u1	98
82) Pyrene	19.998	202	30973	2.505	ng/u1#	96

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

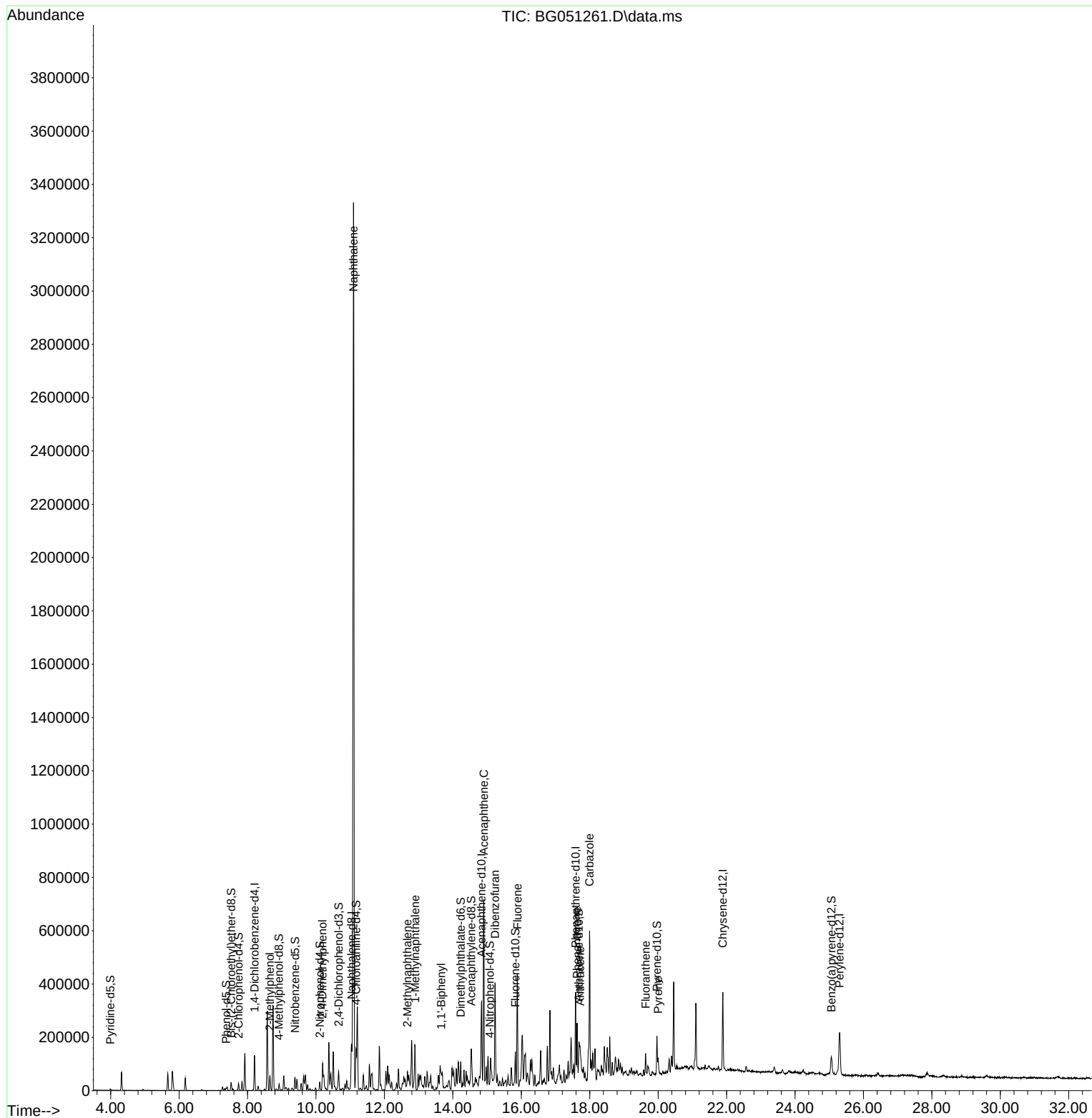
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Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

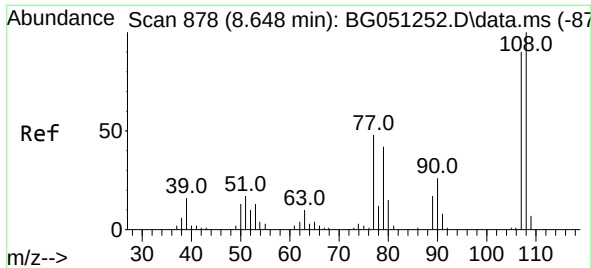
Instrument :
BNA_G
ClientSampleId :
F4L19DL

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
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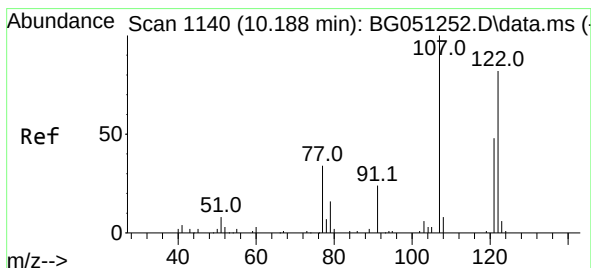
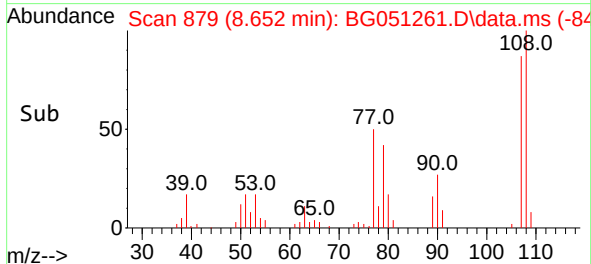
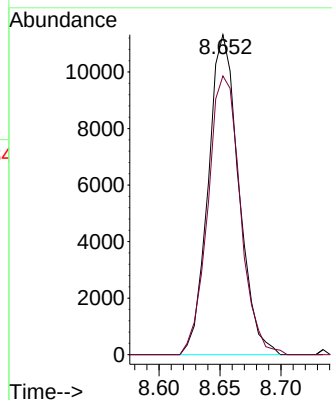
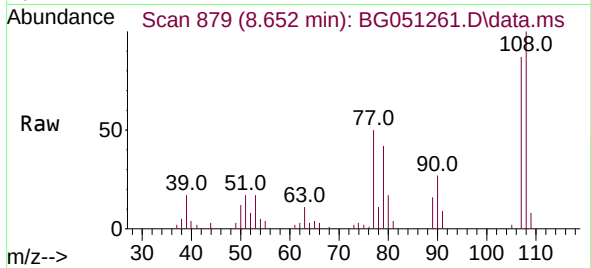
#13
2-Methylphenol
Concen: 6.980 ng/ul
RT: 8.652 min Scan# 81
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

Instrument :
BNA_G
ClientSampleId :
F4L19DL

Tgt Ion:108 Resp: 1974
Ion Ratio Lower Upper
108 100
107 87.1 71.8 107.6

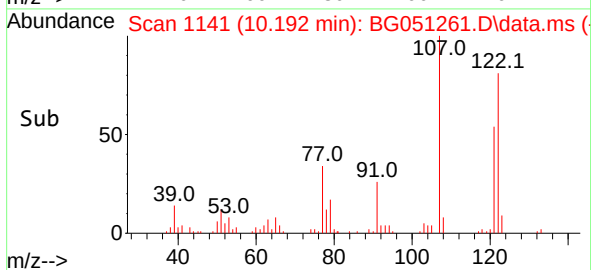
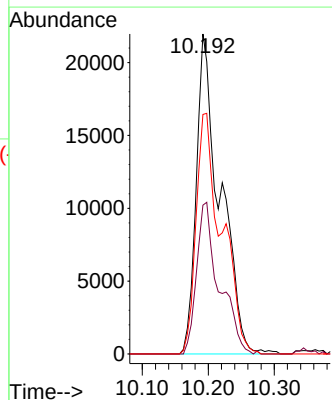
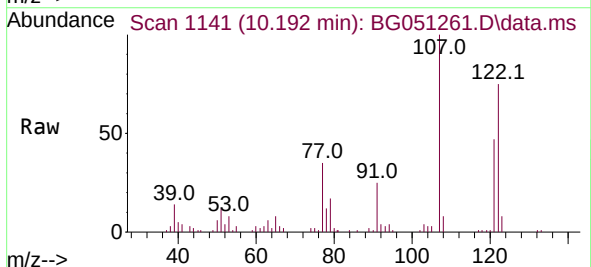
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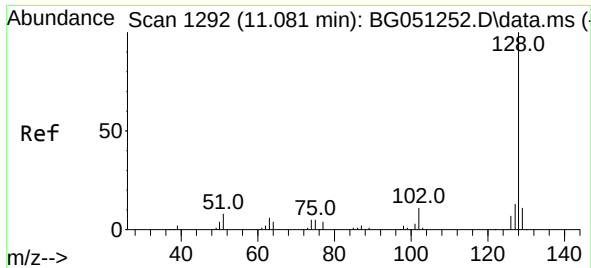
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#26
2,4-Dimethylphenol
Concen: 16.708 ng/ul m
RT: 10.192 min Scan# 1141
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

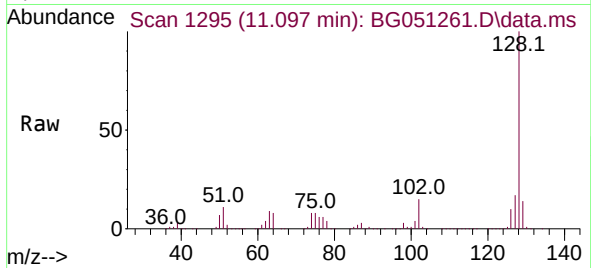
Tgt Ion:107 Resp: 55143
Ion Ratio Lower Upper
107 100
121 46.5 39.3 58.9
122 74.8 63.7 95.5





#30
Naphthalene
Concen: 318.557 ng/ul
RT: 11.097 min Scan# 1295
Delta R.T. 0.020 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

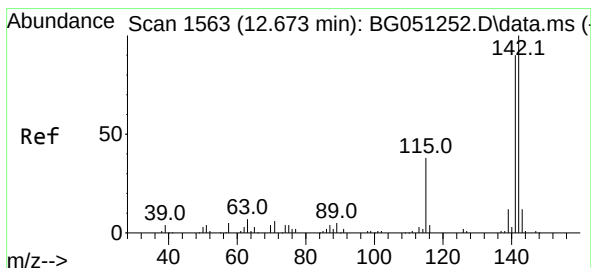
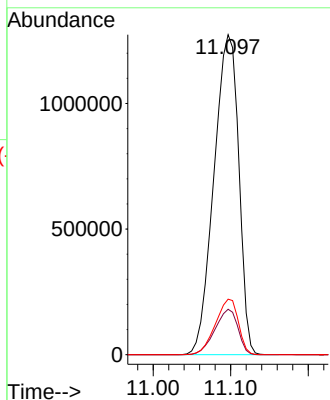
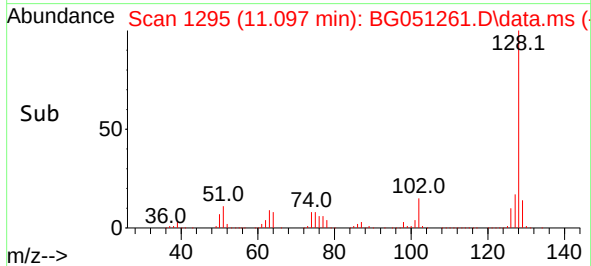
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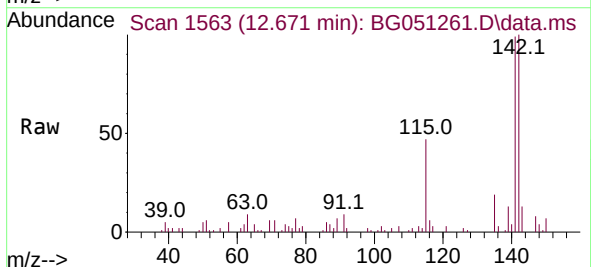
Tgt Ion:128 Resp: 2836914
Ion Ratio Lower Upper
128 100
129 14.2 8.5 12.7
127 17.4 11.8 17.6

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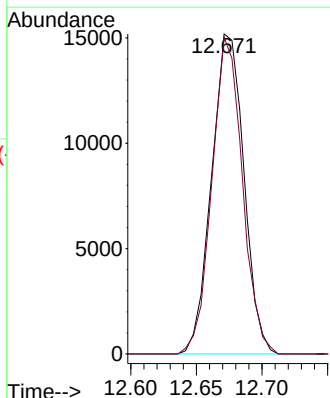
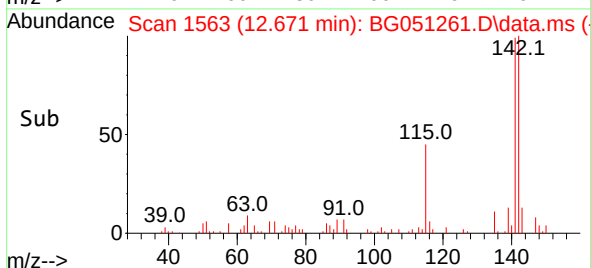
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Supervised By :Sohil Jodhani 11/30/2021

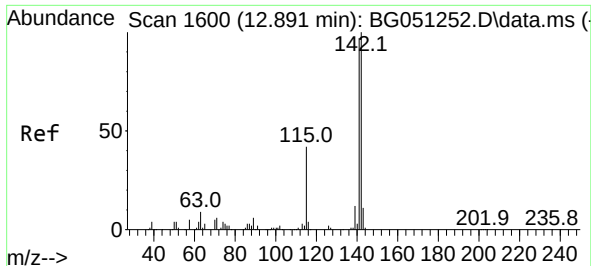


#36
2-Methylnaphthalene
Concen: 4.283 ng/ul
RT: 12.671 min Scan# 1563
Delta R.T. 0.003 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21



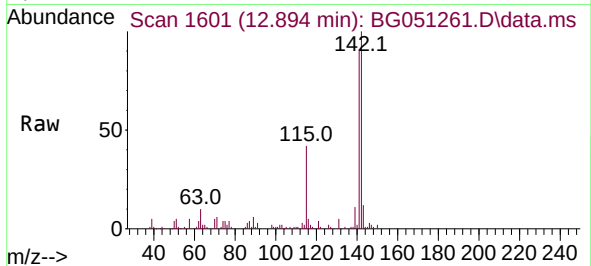
Tgt Ion:142 Resp: 25945
Ion Ratio Lower Upper
142 100
141 98.9 73.3 109.9





#37
1-Methylnaphthalene
Concen: 11.273 ng/ul
RT: 12.894 min Scan# 1601
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

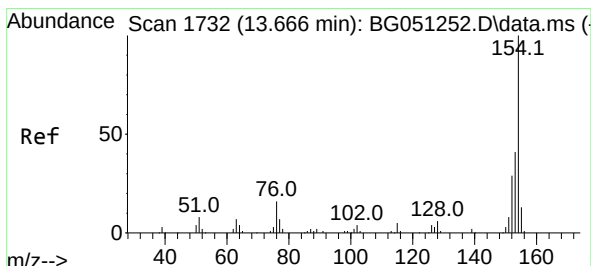
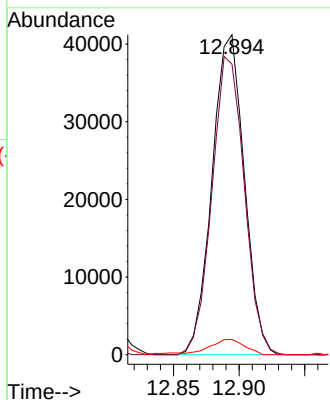
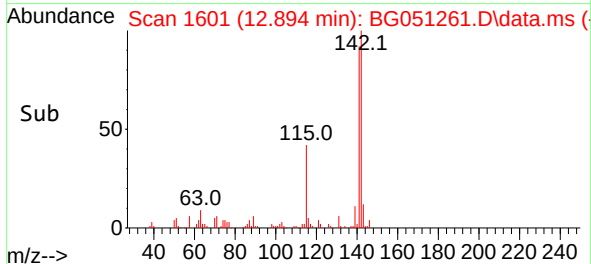
Instrument :
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ClientSampleId :
F4L19DL



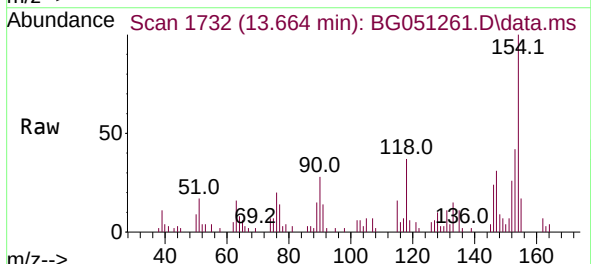
Tgt Ion:142 Resp: 7025
Ion Ratio Lower Upper
142 100
141 90.8 77.8 116.8
116 4.7 3.3 4.9

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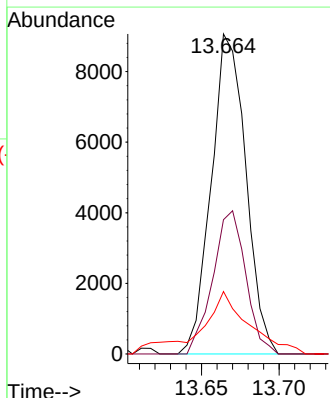
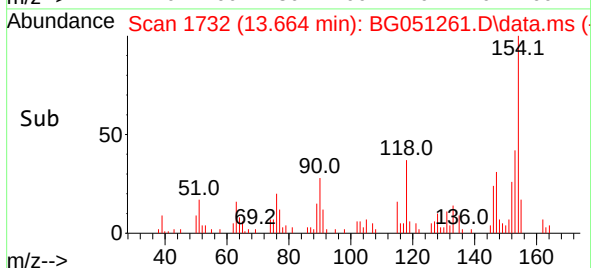
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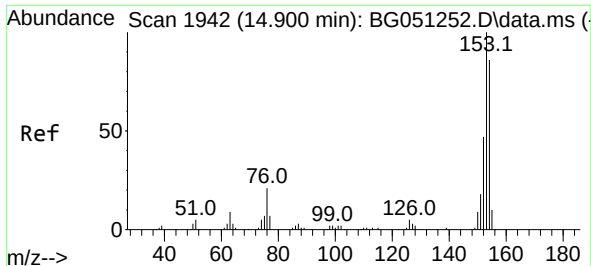


#43
1,1'-Biphenyl
Concen: 1.836 ng/ul
RT: 13.664 min Scan# 1732
Delta R.T. -0.003 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21



Tgt Ion:154 Resp: 14050
Ion Ratio Lower Upper
154 100
153 42.0 34.5 51.7
76 19.5 13.1 19.7





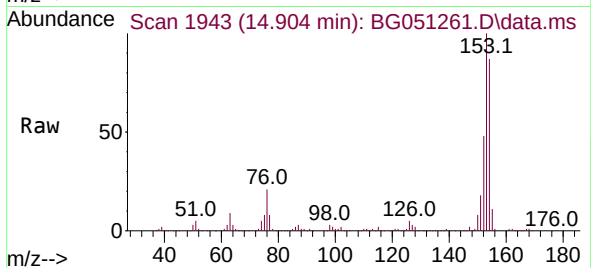
#52
Acenaphthene
Concen: 45.419 ng/uI
RT: 14.904 min Scan# 1943
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

Instrument :

BNA_G

ClientSampleId :

F4L19DL

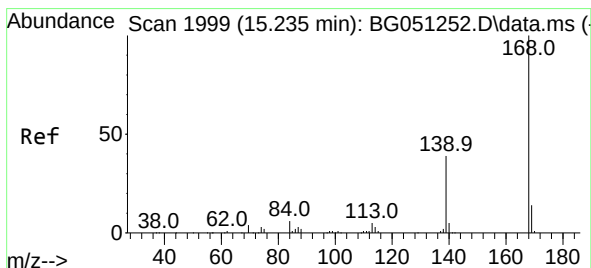
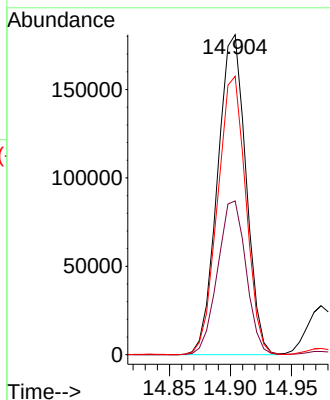
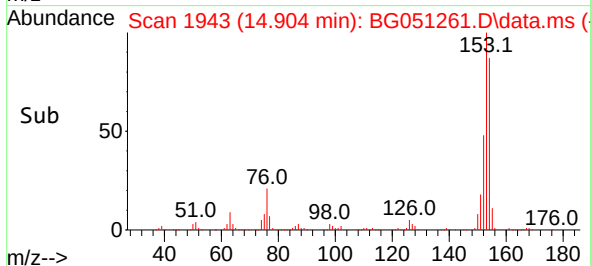


Tgt Ion:153 Resp: 29424
Ion Ratio Lower Upper
153 100
152 48.1 36.5 54.7
154 87.0 65.8 98.6

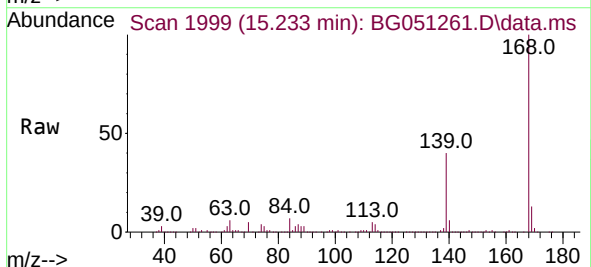
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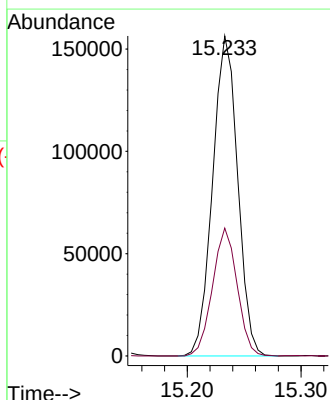
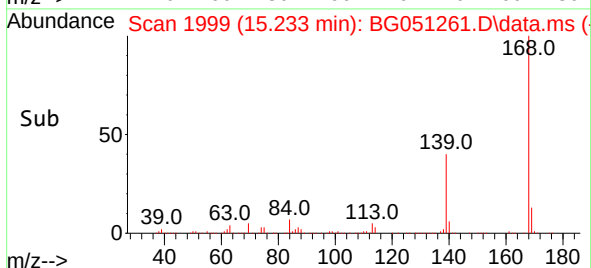
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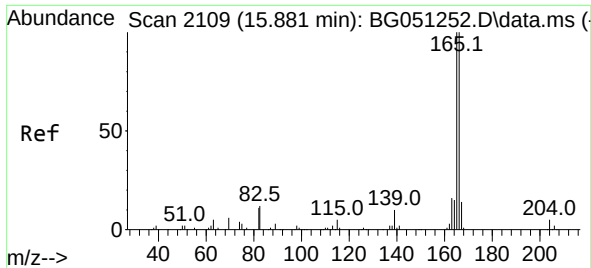


#56
Dibenzofuran
Concen: 25.626 ng/uI
RT: 15.233 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21



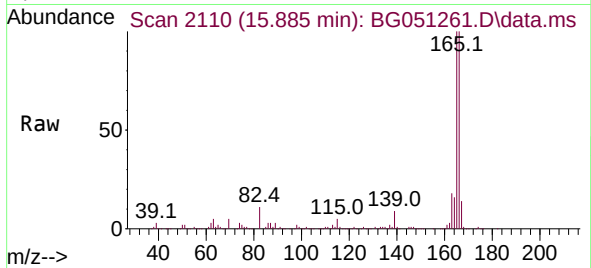
Tgt Ion:168 Resp: 239458
Ion Ratio Lower Upper
168 100
139 40.0 31.2 46.8





#61
Fluorene
Concen: 25.104 ng/ul
RT: 15.885 min Scan# 2109
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

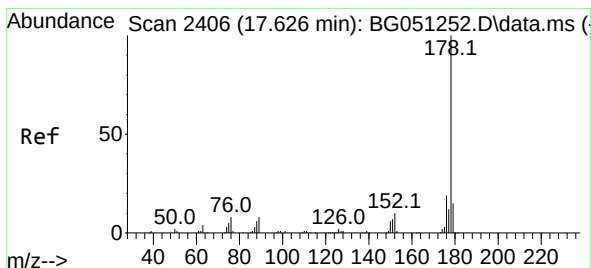
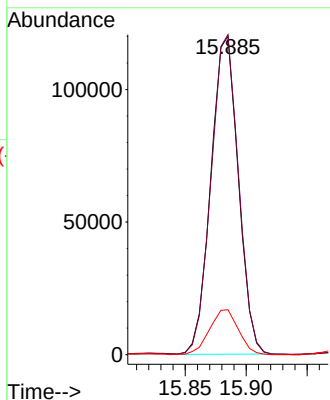
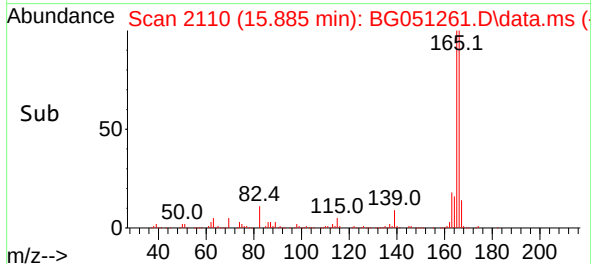
Instrument :
BNA_G
ClientSampleId :
F4L19DL



Tgt Ion:166 Resp: 187902
Ion Ratio Lower Upper
166 100
165 100.5 81.0 121.6
167 14.1 11.0 16.4

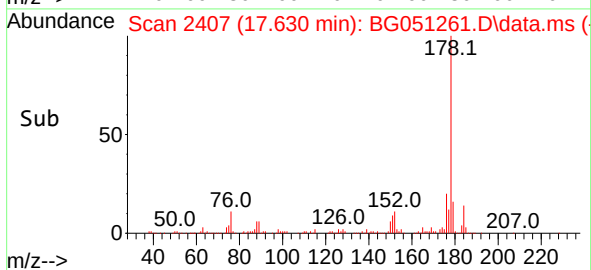
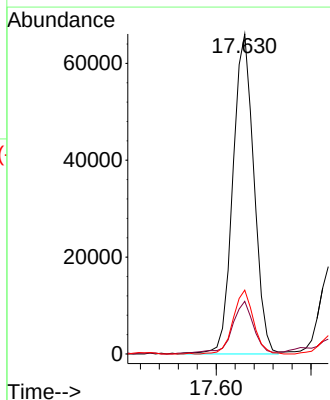
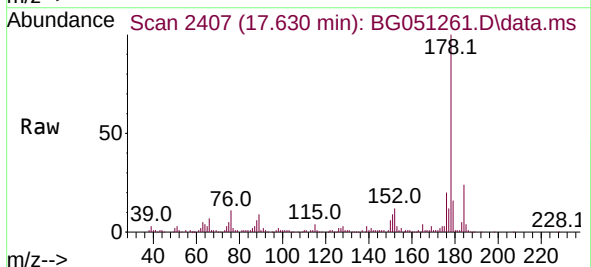
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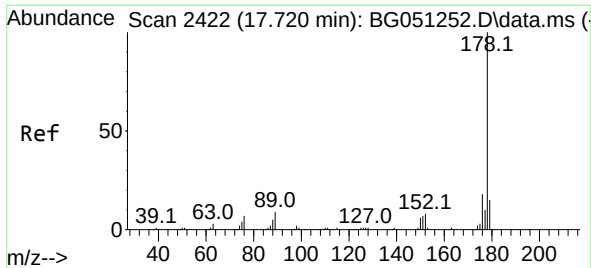
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#72
Phenanthrene
Concen: 9.411 ng/ul
RT: 17.630 min Scan# 2407
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

Tgt Ion:178 Resp: 101783
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 20.0 15.5 23.3





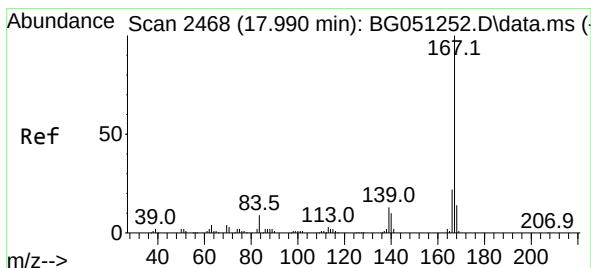
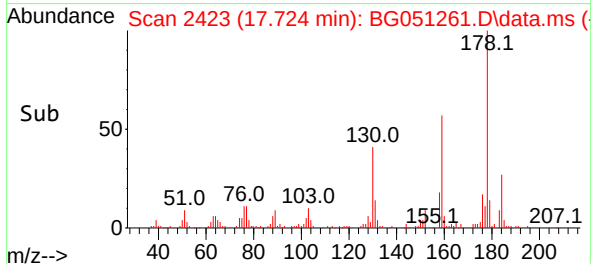
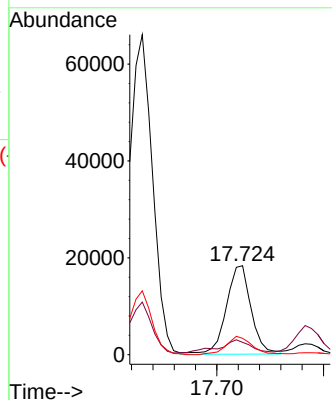
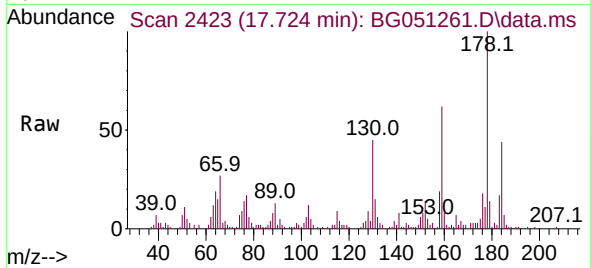
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 Anthracene
 Concen: 2.762 ng/ul
 RT: 17.724 min Scan# 2422
 Delta R.T. 0.009 min
 Lab File: BG051261.D
 Acq: 26 Nov 2021 17:21

Instrument :
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Tgt Ion:178 Resp: 29674
 Ion Ratio Lower Upper
 178 100
 179 13.9 13.0 19.6
 176 18.3 15.6 23.4

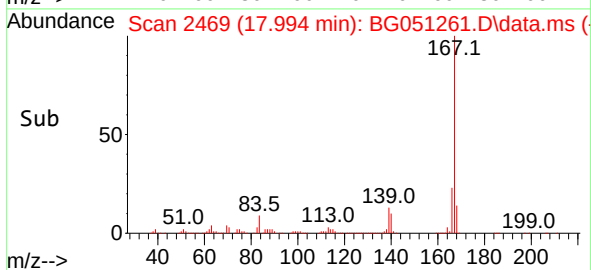
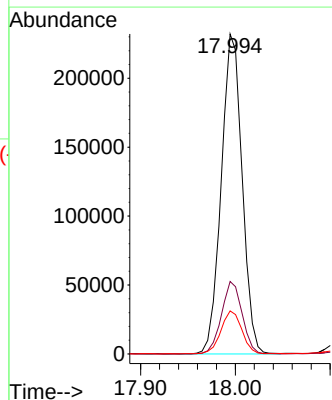
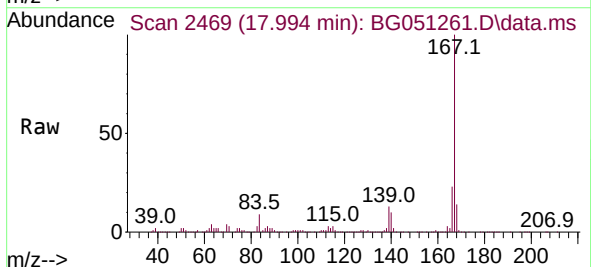
Manual Integrations
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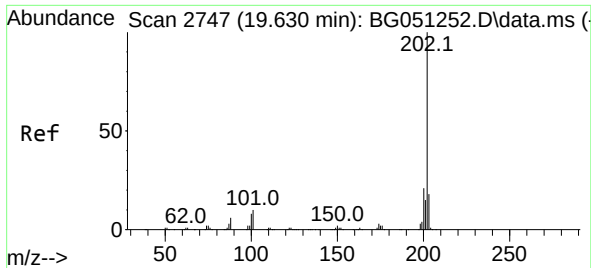
Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021



#77
 Carbazole
 Concen: 37.709 ng/ul
 RT: 17.994 min Scan# 2469
 Delta R.T. 0.009 min
 Lab File: BG051261.D
 Acq: 26 Nov 2021 17:21

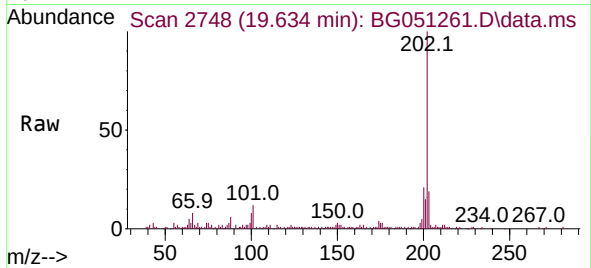
Tgt Ion:167 Resp: 355545
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.3 25.9
 139 13.4 10.6 16.0





#80
Fluoranthene
Concen: 4.208 ng/u1
RT: 19.634 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21

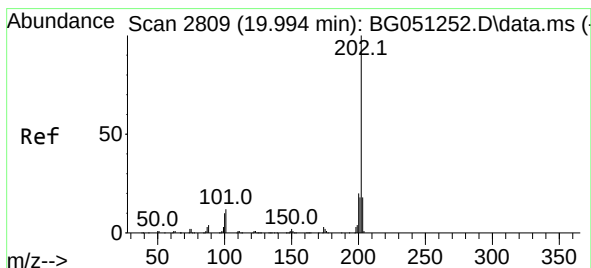
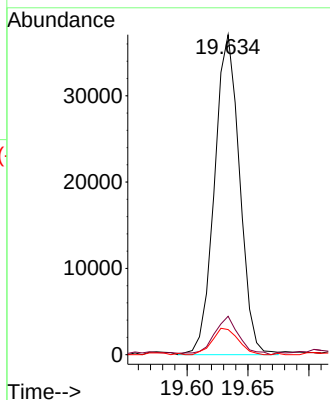
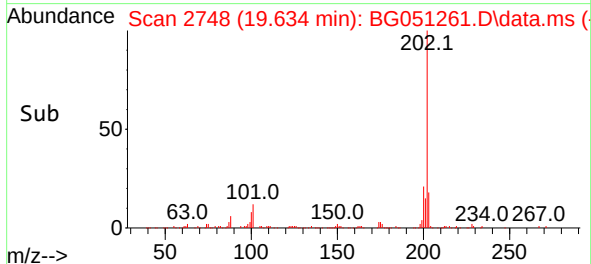
Instrument :
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ClientSampleId :
F4L19DL



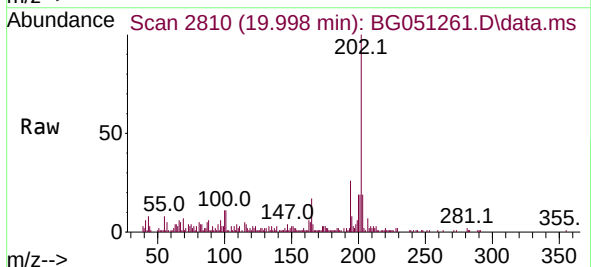
Tgt Ion:202 Resp: 5319
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 7.9 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#82
Pyrene
Concen: 2.505 ng/u1
RT: 19.998 min Scan# 2810
Delta R.T. 0.009 min
Lab File: BG051261.D
Acq: 26 Nov 2021 17:21



Tgt Ion:202 Resp: 30973
Ion Ratio Lower Upper
202 100
101 10.5 10.7 16.1#
100 11.3 9.0 13.6

