

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051543.D
 Acq On : 15 Dec 2021 19:02
 Operator : CG/JU
 Sample : M5013-03DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 15 23:25:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	36737	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.125	136	155296	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.914	164	107292	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.658	188	265525	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	271014	20.000	ng/u1	#-0.01
88) Perylene-d12	25.471	264	272686	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	463	0.523	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.407	99	3510	1.070	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	5778	2.963	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.801	132	6253	2.741	ng/u1	-0.01
15) 4-Methylphenol-d8	8.970	113	5310	2.094	ng/u1	-0.01
21) Nitrobenzene-d5	9.451	128	3490	3.065	ng/u1	0.00
24) 2-Nitrophenol-d4	10.174	143	3713	2.983	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.726	165	6940	2.571	ng/u1	0.00
31) 4-Chloroaniline-d4	11.237	131	4082m	1.149	ng/u1	0.00
46) Dimethylphthalate-d6	14.304	166	24952	2.906	ng/u1	-0.01
49) Acenaphthylene-d8	14.609	160	31498	2.953	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.895	176	23575	3.064	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	3455	2.497	ng/u1	-0.02
73) Anthracene-d10	17.752	188	39082	3.086	ng/u1	-0.01
81) Pyrene-d10	20.025	212	48979	3.003	ng/u1	-0.02
92) Benzo(a)pyrene-d12	25.218	264	42009	2.928	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.190	128	4104341	490.561	ng/u1#	88
36) 2-Methylnaphthalene	12.759	142	499901	83.751	ng/u1	98
37) 1-Methylnaphthalene	12.976	142	237804	38.370	ng/u1	95
43) 1,1'-Biphenyl	13.745	154	119110	14.493	ng/u1#	92
50) Acenaphthylene	14.638	152	13084	1.254	ng/u1#	97
52) Acenaphthene	14.979	153	313768	45.515	ng/u1	96
56) Dibenzofuran	15.308	168	383768	37.801	ng/u1	98
61) Fluorene	15.954	166	133463	15.954	ng/u1	98
72) Phenanthrene	17.699	178	241593	17.690	ng/u1	99
77) Carbazole	18.051	167	173441	14.038	ng/u1	97
80) Fluoranthene	19.696	202	20880	1.115	ng/u1#	88

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

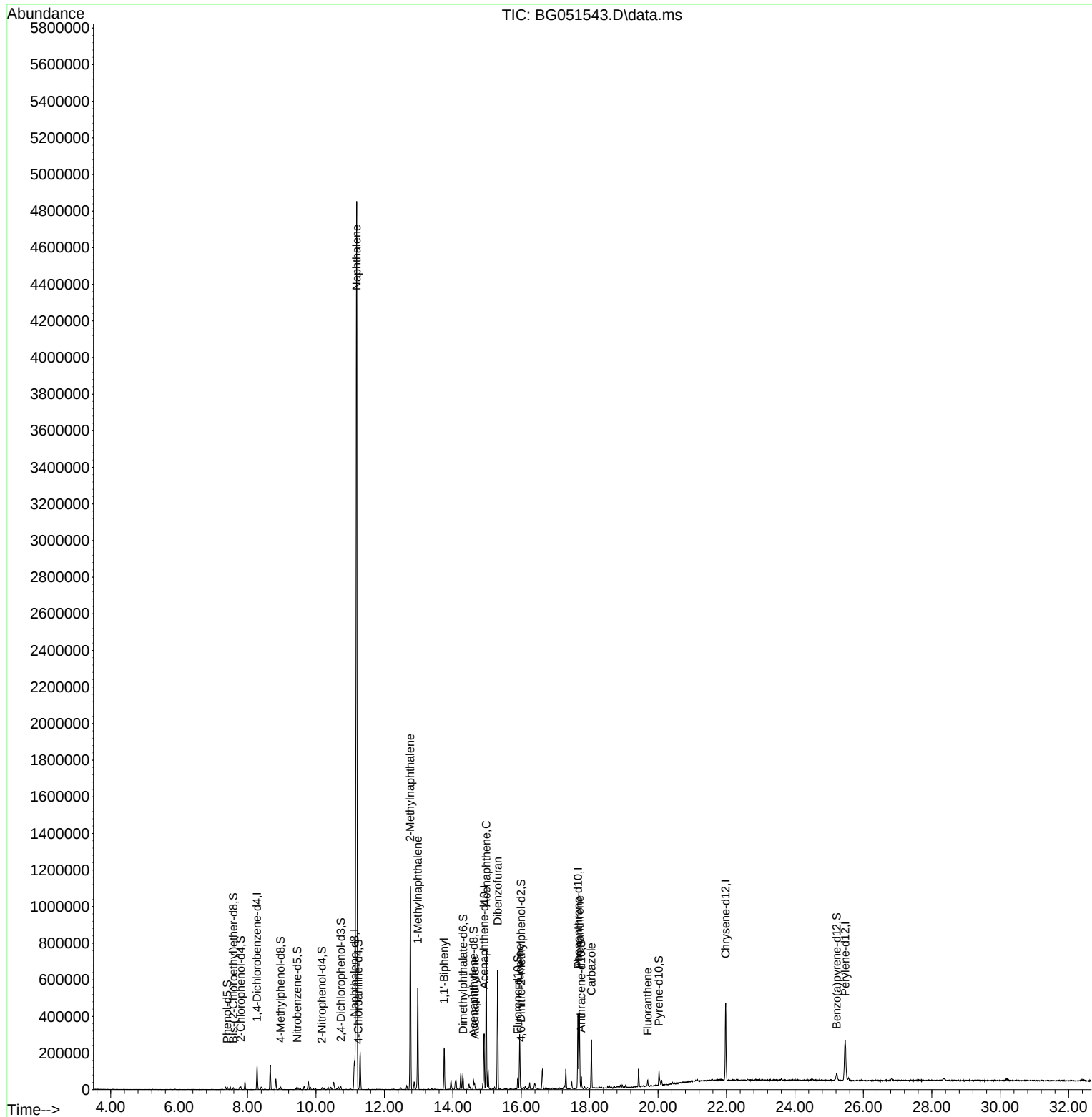
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051543.D
Acq On : 15 Dec 2021 19:02
Operator : CG/JU
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ALS Vial : 41 Sample Multiplier: 1

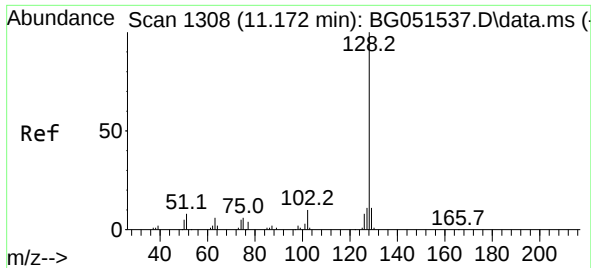
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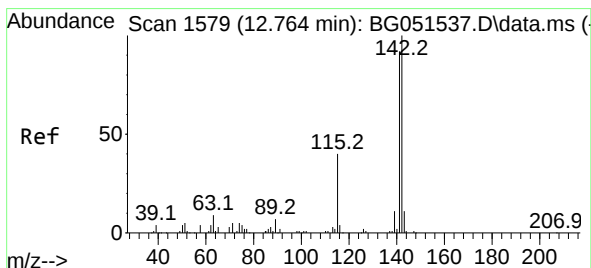
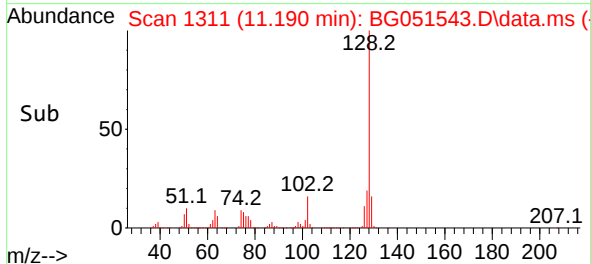
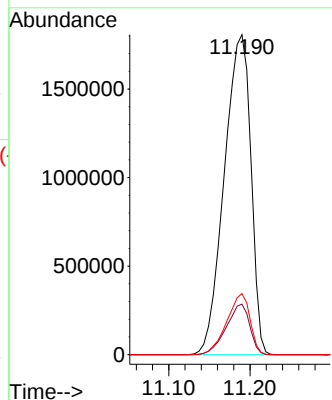
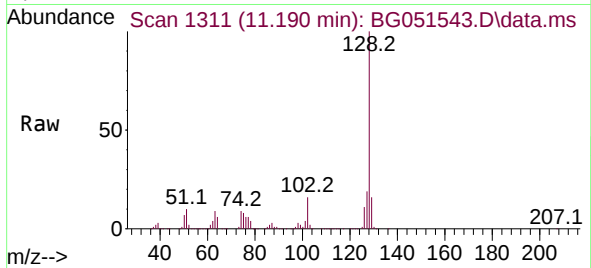
#30
Naphthalene
Concen: 490.561 ng/ul
RT: 11.190 min Scan# 11190
Delta R.T. 0.013 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Tgt Ion:128 Resp: 410434
Ion Ratio Lower Upper
128 100
129 15.8 8.5 12.7
127 19.1 11.8 17.6

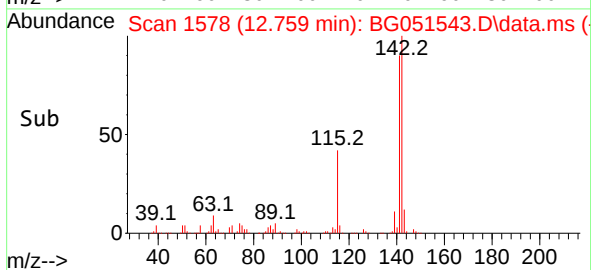
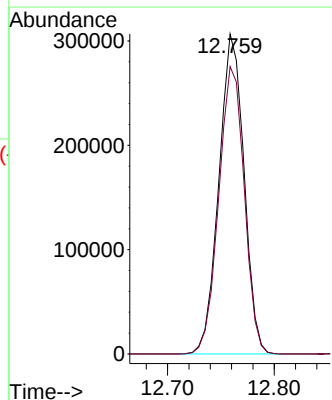
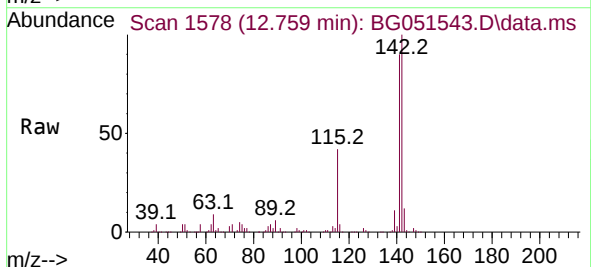
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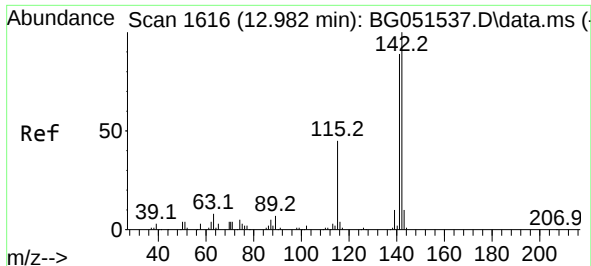
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :mohammad ahmed 12/24/2021



#36
2-Methylnaphthalene
Concen: 83.751 ng/ul
RT: 12.759 min Scan# 1578
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Tgt Ion:142 Resp: 499901
Ion Ratio Lower Upper
142 100
141 89.8 73.3 109.9





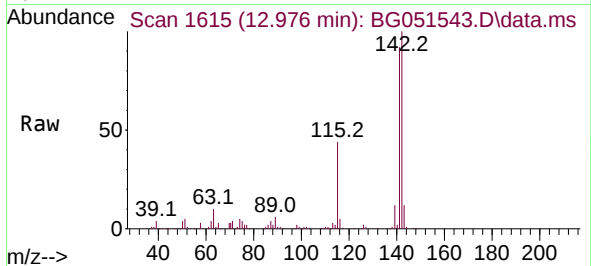
#37
1-Methylnaphthalene
Concen: 38.370 ng/ul
RT: 12.976 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Instrument :

BNA_G

ClientSampleId :

DBLT2DL

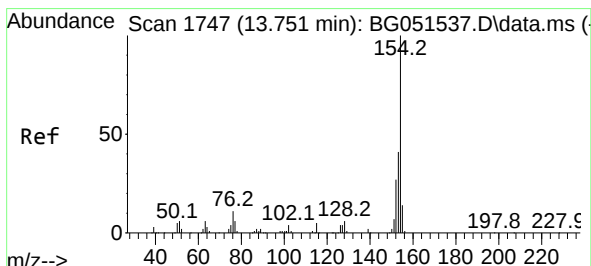
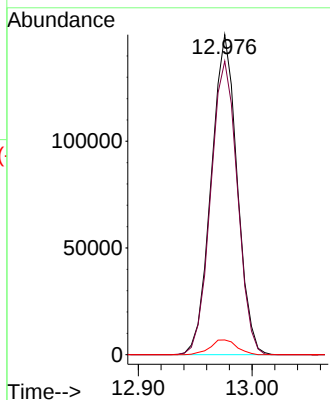
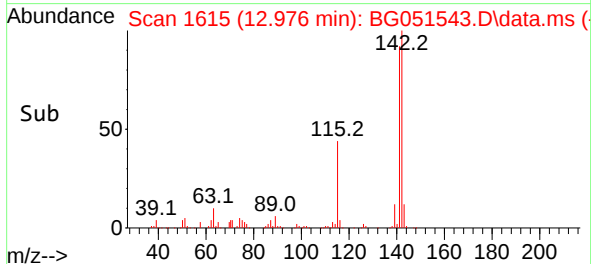


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Ion Ratio Lower Upper
142 100
141 91.8 77.8 116.8
116 4.6 3.3 4.9

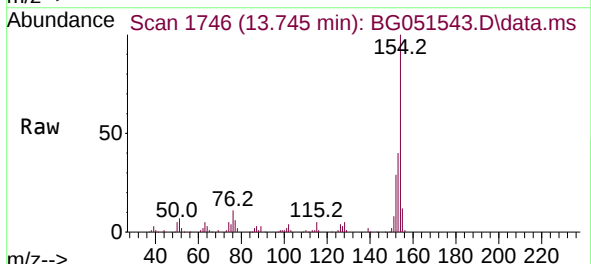
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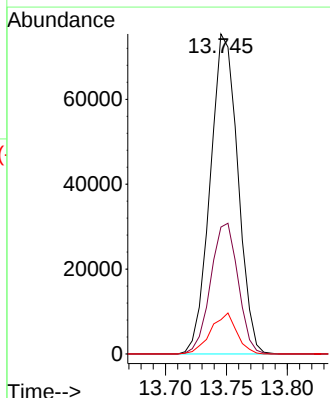
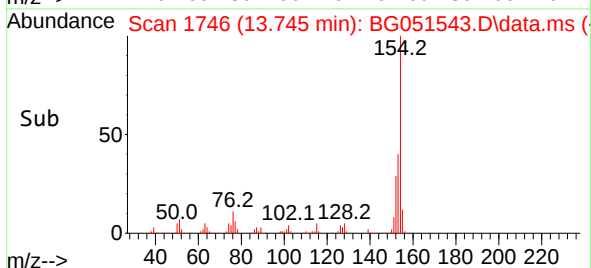
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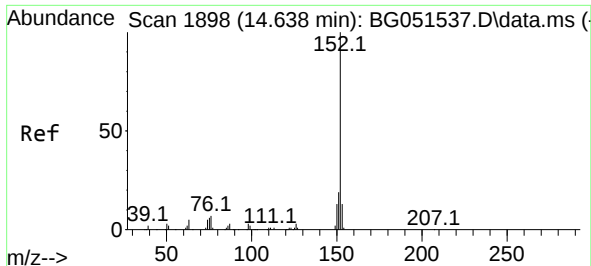


#43
1,1'-Biphenyl
Concen: 14.493 ng/ul
RT: 13.745 min Scan# 1746
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02



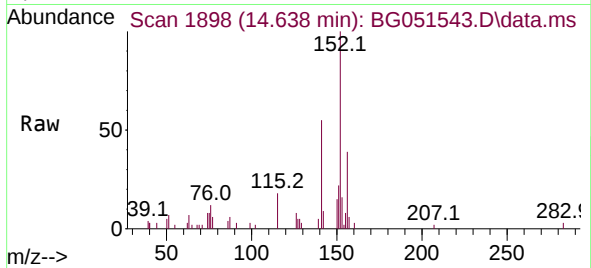
Tgt Ion:154 Resp: 119110
Ion Ratio Lower Upper
154 100
153 39.6 34.5 51.7
76 10.7 13.1 19.7#





#50
Acenaphthylene
Concen: 1.254 ng/ul
RT: 14.638 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

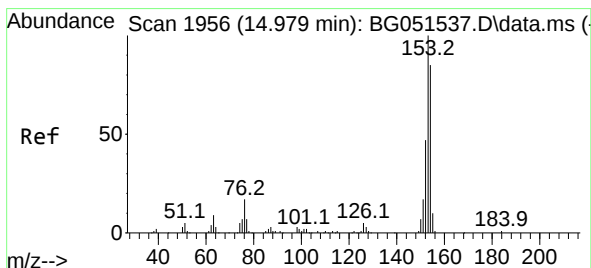
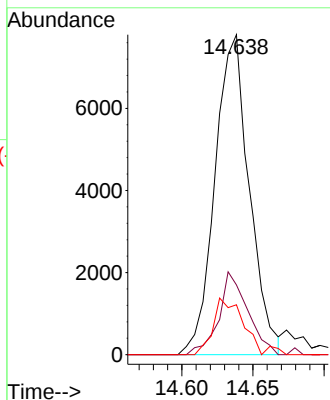
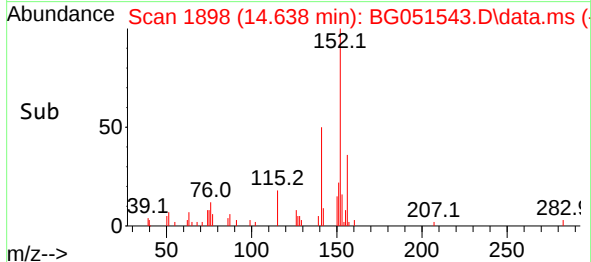
Instrument :
BNA_G
ClientSampleId :
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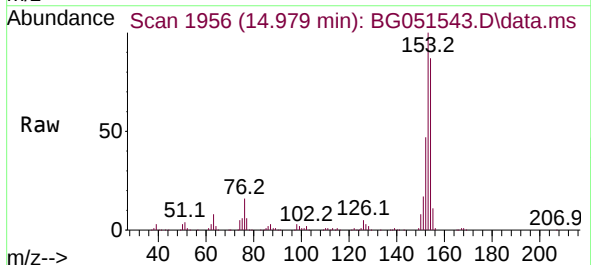
Tgt Ion:152 Resp: 13084
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.0
153 15.6 10.3 15.5

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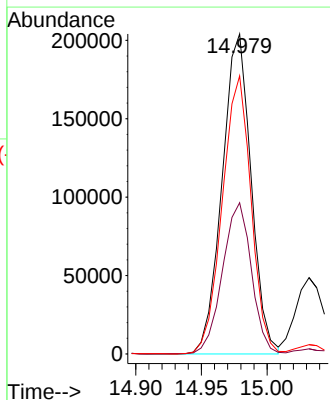
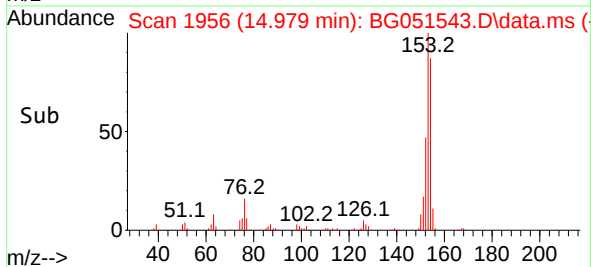
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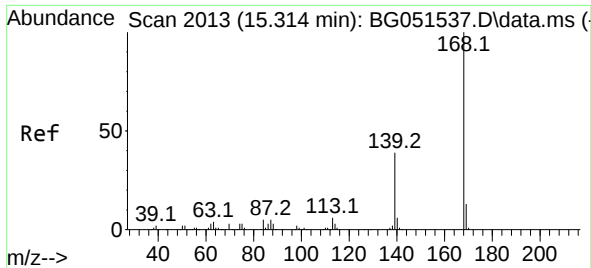


#52
Acenaphthene
Concen: 45.515 ng/ul
RT: 14.979 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02



Tgt Ion:153 Resp: 313768
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 86.9 65.8 98.6





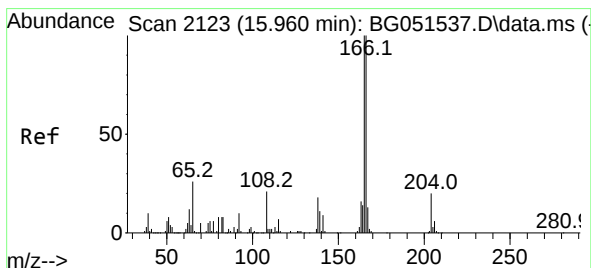
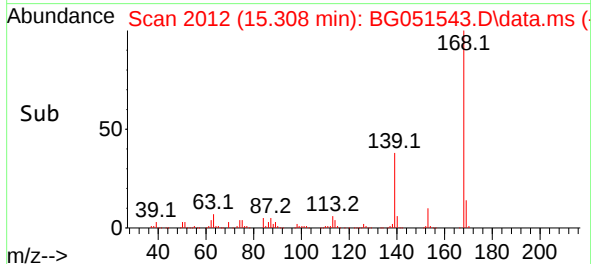
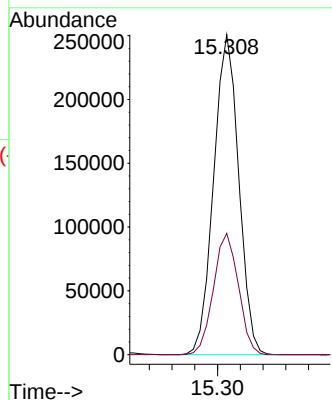
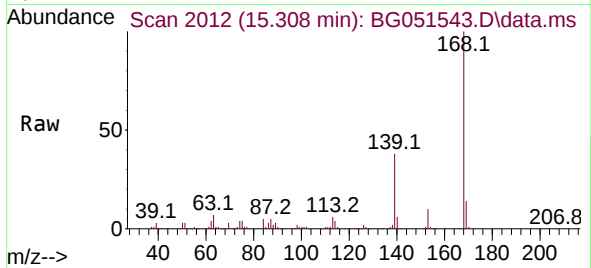
#56
Dibenzofuran
Concen: 37.801 ng/ul
RT: 15.308 min Scan# 2012
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

Instrument :
BNA_G
ClientSampleId :
DBLT2DL

Tgt Ion:168 Resp: 383768
Ion Ratio Lower Upper
168 100
139 37.9 31.2 46.8

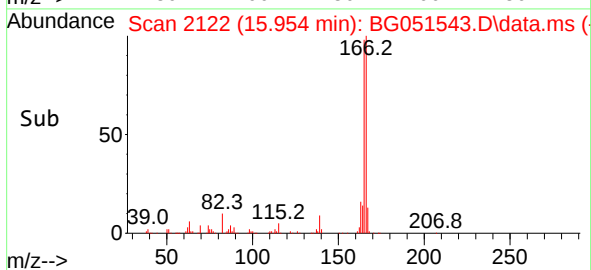
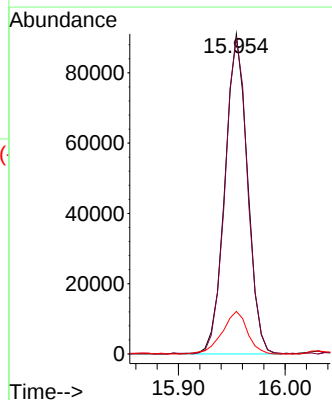
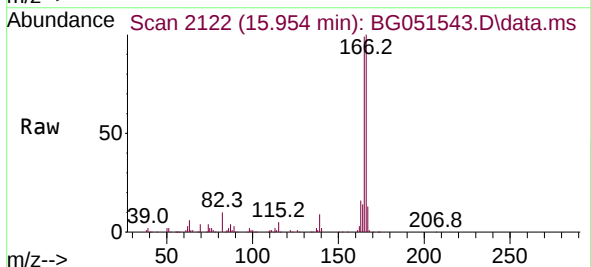
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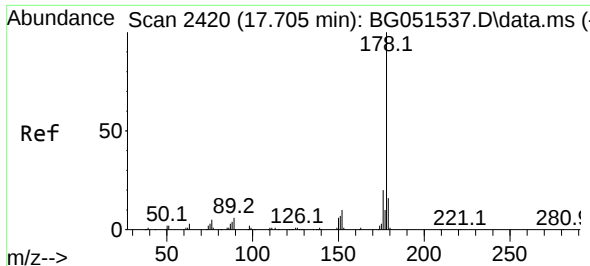
Reviewed By :Jagrut Upadhyay 12/16/2021
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#61
Fluorene
Concen: 15.954 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

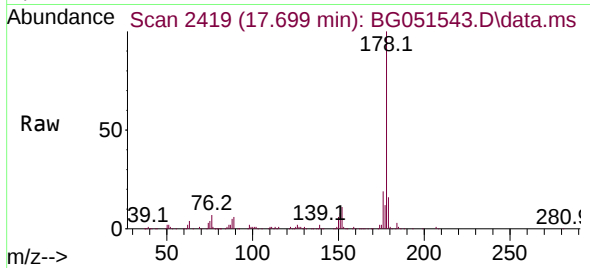
Tgt Ion:166 Resp: 133463
Ion Ratio Lower Upper
166 100
165 98.8 81.0 121.6
167 13.3 11.0 16.4





#72
Phenanthrene
Concen: 17.690 ng/ul
RT: 17.699 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02

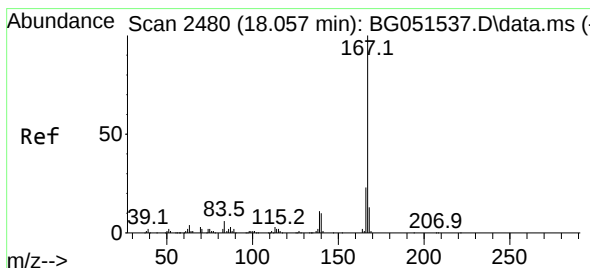
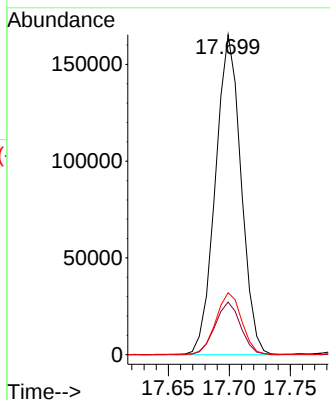
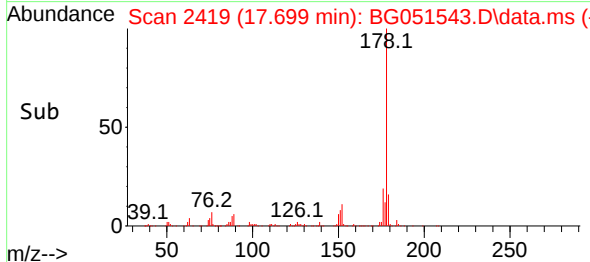
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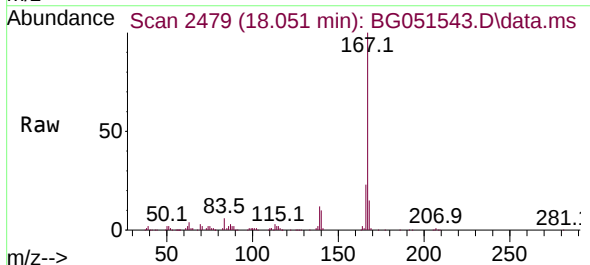
Tgt Ion:178 Resp: 24159
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 19.3 15.5 23.3

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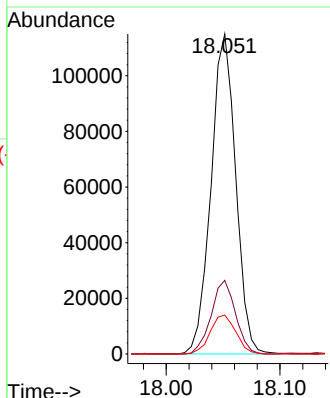
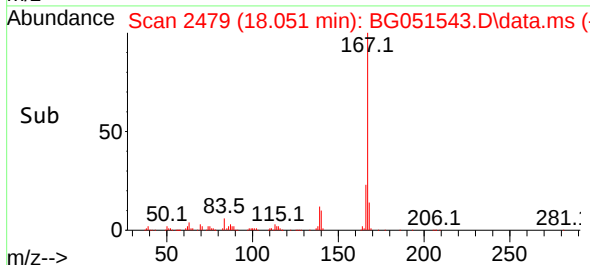
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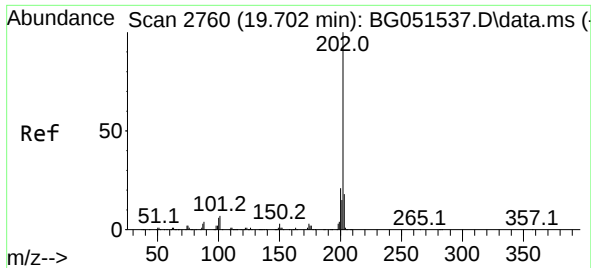


#77
Carbazole
Concen: 14.038 ng/ul
RT: 18.051 min Scan# 2479
Delta R.T. -0.010 min
Lab File: BG051543.D
Acq: 15 Dec 2021 19:02



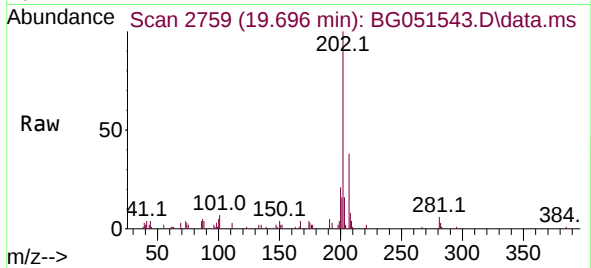
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Ion Ratio Lower Upper
167 100
166 23.0 17.3 25.9
139 12.2 10.6 16.0





#80
 Fluoranthene
 Concen: 1.115 ng/ul
 RT: 19.696 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG051543.D
 Acq: 15 Dec 2021 19:02

Instrument :
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Tgt Ion:202 Resp: 20880
 Ion Ratio Lower Upper
 202 100
 101 6.7 9.3 13.9
 100 4.9 7.0 10.6

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