

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051513.D
 Acq On : 14 Dec 2021 21:24
 Operator : CG/JU
 Sample : M5013-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 14 23:50:09 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	8.282	152	37106	20.000	ng/u1	0.00
20) Naphthalene-d8	11.196	136	154083m	20.000	ng/u1	0.07
38) Acenaphthene-d10	14.915	164	104979	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.664	188	246403	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.982	240	255415	20.000	ng/u1	# 0.00
88) Perylene-d12	25.483	264	244418	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	4470	5.003	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.413	99	41412	12.500	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.589	67	60802	30.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.807	132	68169	29.584	ng/u1	0.00
15) 4-Methylphenol-d8	8.976	113	58229	22.737	ng/u1	0.00
21) Nitrobenzene-d5	9.457	128	38440	34.028	ng/u1	0.00
24) 2-Nitrophenol-d4	10.192	143	41764	33.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	77592	28.974	ng/u1	0.01
31) 4-Chloroaniline-d4	11.284	131	25518	7.237	ng/u1	0.04
46) Dimethylphthalate-d6	14.310	166	263510	31.361	ng/u1	0.00
49) Acenaphthylene-d8	14.615	160	330190	31.641	ng/u1	0.00
54) 4-Nitrophenol-d4	15.085	143	18538	13.567	ng/u1	0.00
60) Fluorene-d10	15.907	176	243633	32.363	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	47353	36.886	ng/u1	-0.01
73) Anthracene-d10	17.764	188	403133	34.297	ng/u1	0.00
81) Pyrene-d10	20.037	212	513392	33.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.242	264	458161	35.626	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	9.111	105	24511	6.093	ng/u1	95
30) Naphthalene	11.290	128	19130451	2304.521	ng/u1#	1
36) 2-Methylnaphthalene	12.788	142	3407108	575.305	ng/u1	97
37) 1-Methylnaphthalene	13.000	142	1804792	293.501	ng/u1#	98
43) 1,1'-Biphenyl	13.763	154	1350513	167.944	ng/u1#	97
52) Acenaphthene	14.979	153	180085	26.699	ng/u1	96
56) Dibenzofuran	15.326	168	2467890	248.439	ng/u1	91
61) Fluorene	15.960	166	168978	20.645	ng/u1	95
72) Phenanthrene	17.705	178	272944	21.536	ng/u1	99
77) Carbazole	18.057	167	211000	18.404	ng/u1	98

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

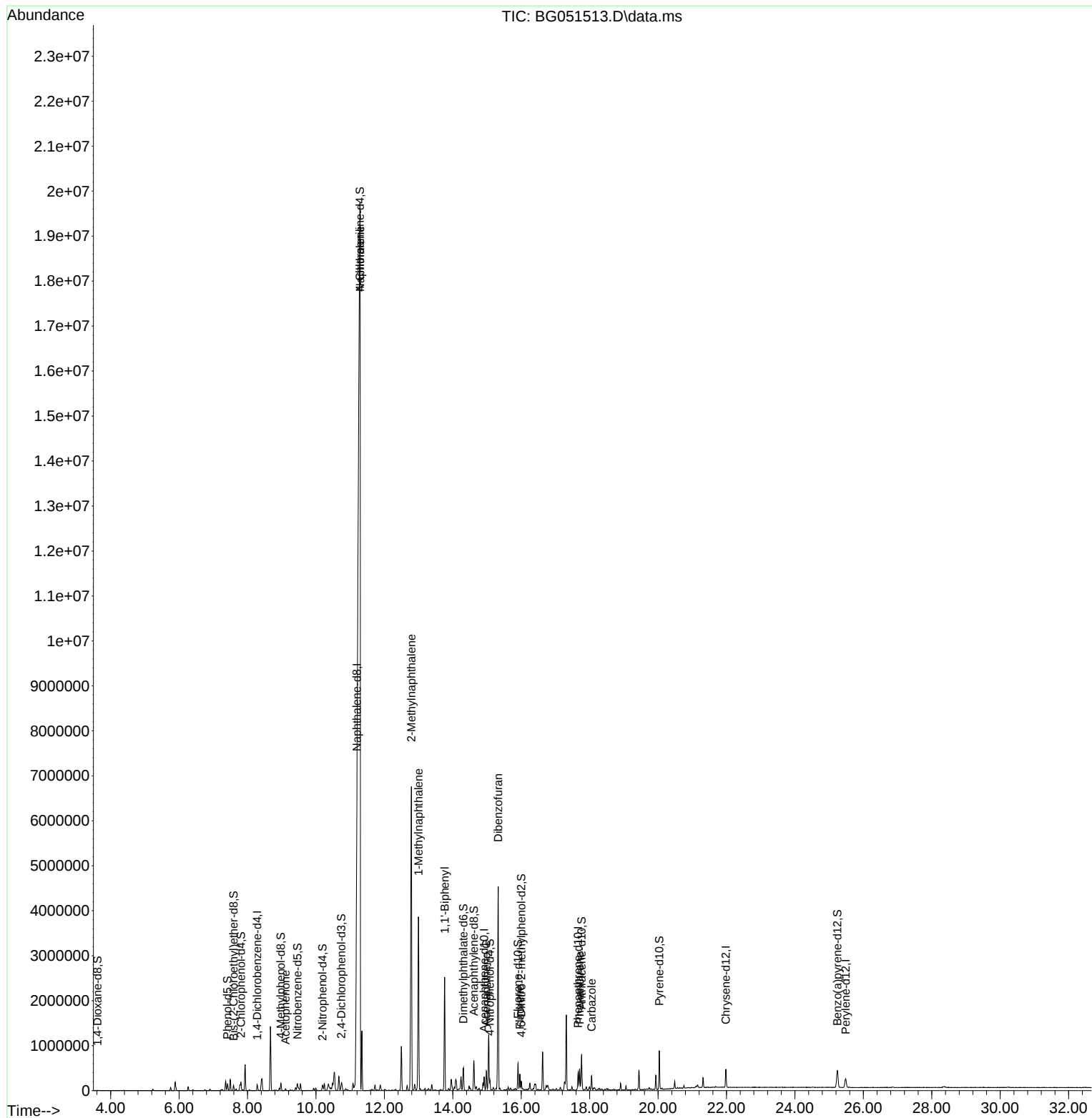
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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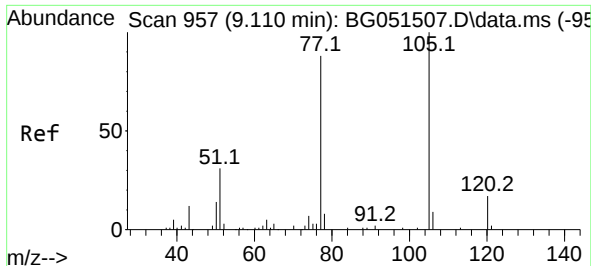
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 Supervised By :Yogesh Patel 12/23/2021

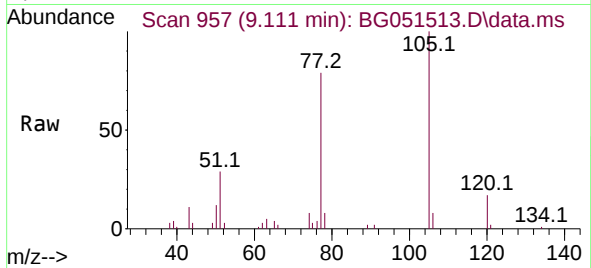
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#16
Acetophenone
Concen: 6.093 ng/ul
RT: 9.111 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

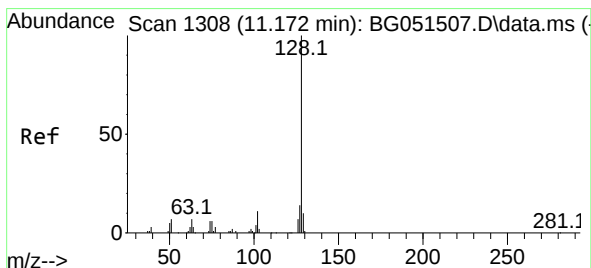
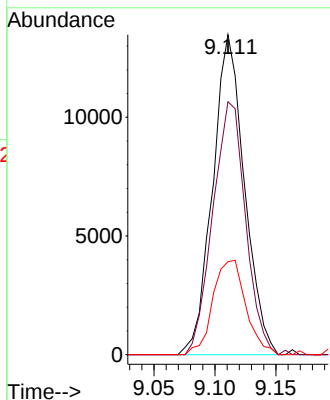
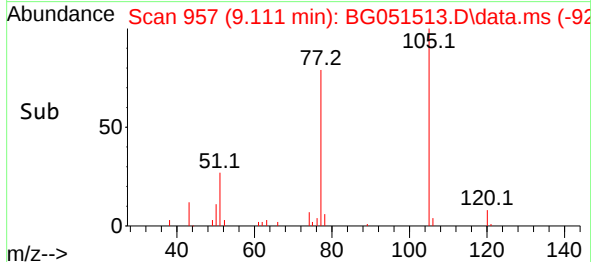
Instrument :
BNA_G
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DBLT1



Tgt Ion:105 Resp: 2451
Ion Ratio Lower Upper
105 100
77 79.1 67.3 100.9
51 29.1 24.0 36.0

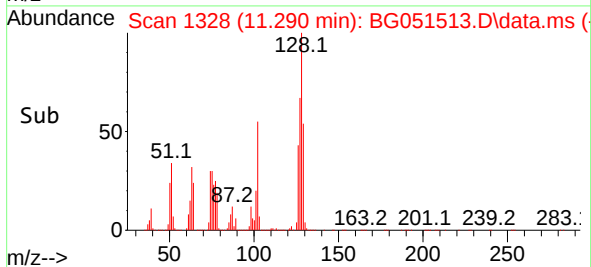
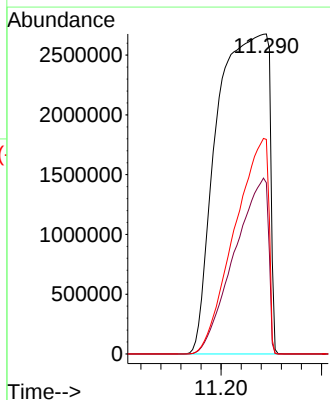
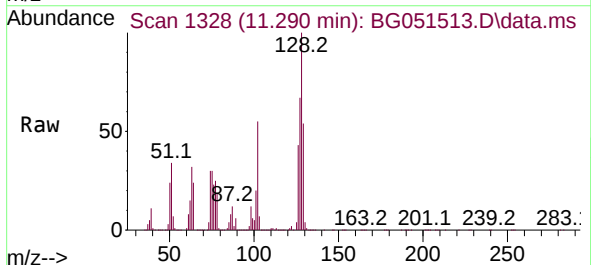
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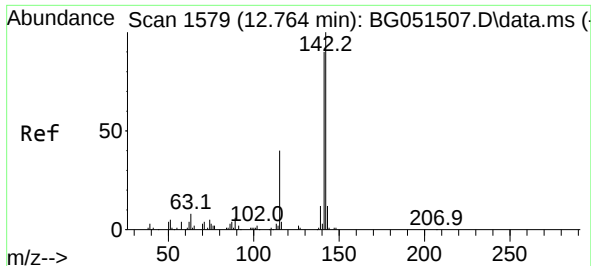
Reviewed By :Jagrut Upadhyay 12/15/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 2304.521 ng/ul
RT: 11.290 min Scan# 1328
Delta R.T. 0.113 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

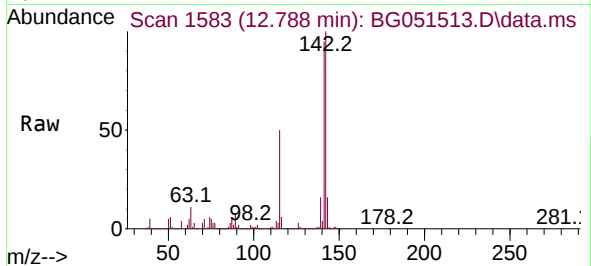
Tgt Ion:128 Resp:19130451
Ion Ratio Lower Upper
128 100
129 53.5 8.5 12.7#
127 67.1 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 575.305 ng/ul
RT: 12.788 min Scan# 1583
Delta R.T. 0.019 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

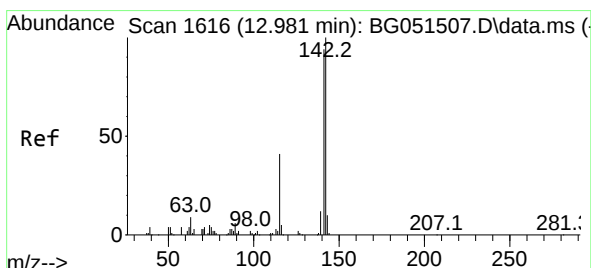
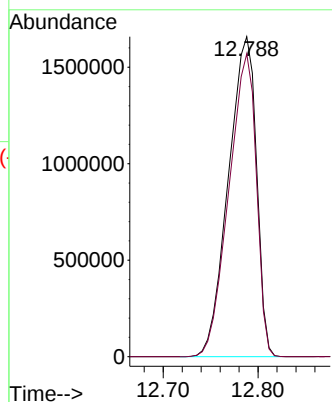
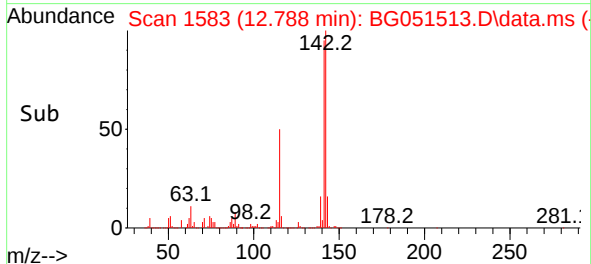
Instrument :
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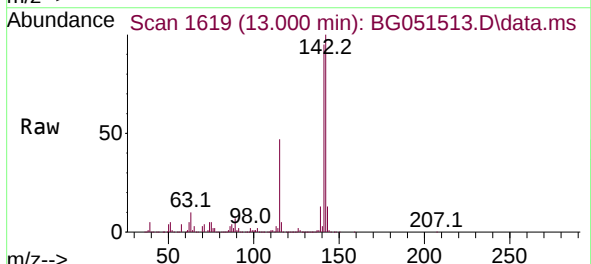
Tgt Ion:142 Resp: 3407108
Ion Ratio Lower Upper
142 100
141 94.7 73.3 109.9

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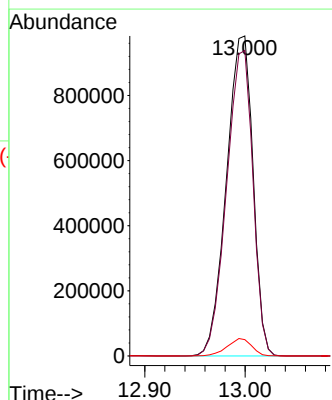
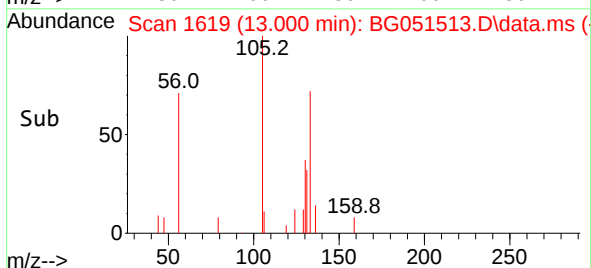
Reviewed By :Jagrut Upadhyay 12/15/2021
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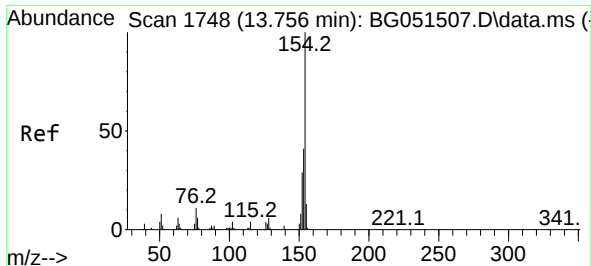


#37
1-Methylnaphthalene
Concen: 293.501 ng/ul
RT: 13.000 min Scan# 1619
Delta R.T. 0.013 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24



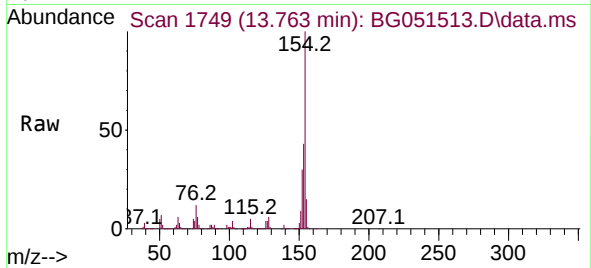
Tgt Ion:142 Resp: 1804792
Ion Ratio Lower Upper
142 100
141 95.5 77.8 116.8
116 5.1 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 167.944 ng/ul
RT: 13.763 min Scan# 1749
Delta R.T. 0.007 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

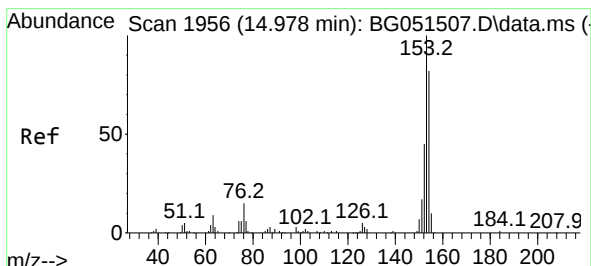
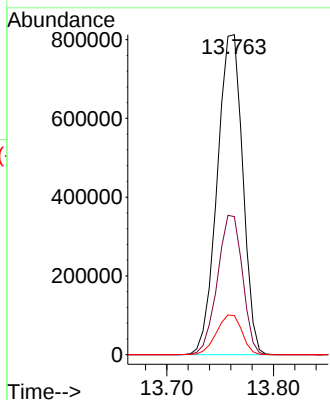
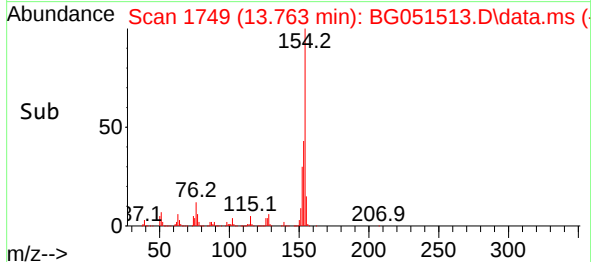
Instrument :
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ClientSampleId :
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Tgt Ion:154 Resp: 135051
Ion Ratio Lower Upper
154 100
153 43.1 34.5 51.7
76 12.2 13.1 19.7

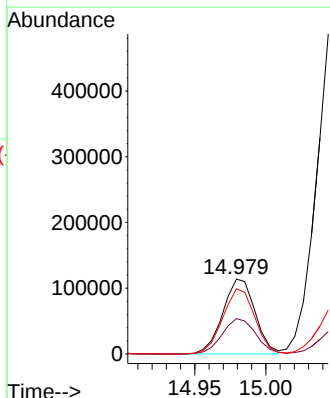
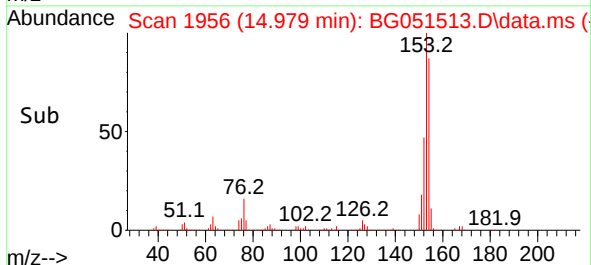
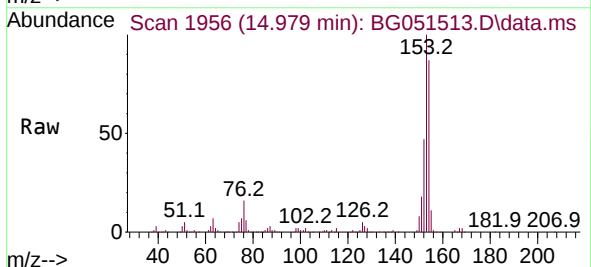
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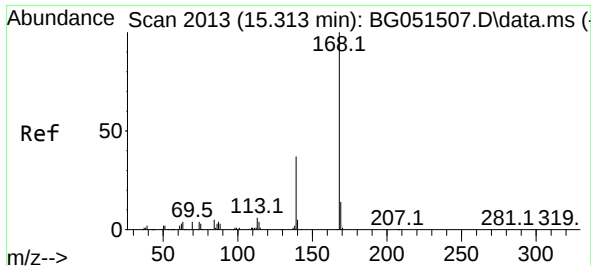
Reviewed By :Jagrut Upadhyay 12/15/2021
Supervised By :Yogesh Patel 12/23/2021



#52
Acenaphthene
Concen: 26.699 ng/ul
RT: 14.979 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

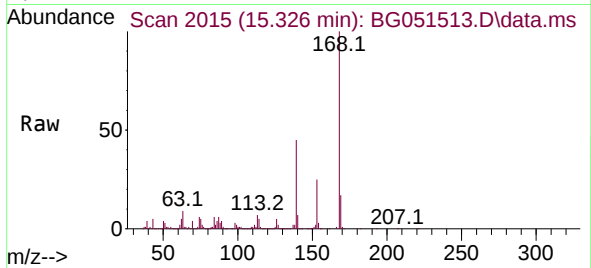
Tgt Ion:153 Resp: 180085
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 86.8 65.8 98.6





#56
Dibenzofuran
Concen: 248.439 ng/uI
RT: 15.326 min Scan# 2015
Delta R.T. 0.007 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

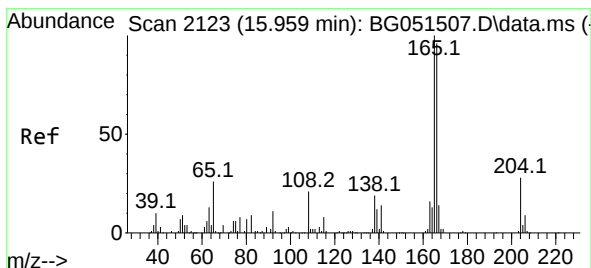
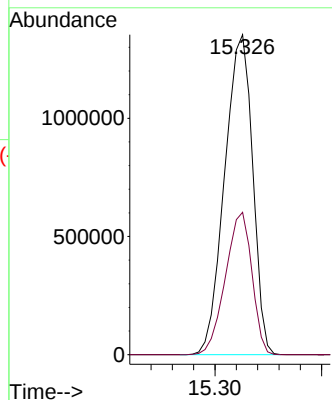
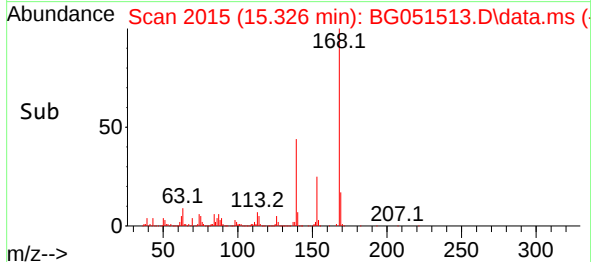
Instrument :
BNA_G
ClientSampleId :
DBLT1



Tgt Ion:168 Resp: 2467890
Ion Ratio Lower Upper
168 100
139 44.5 31.2 46.8

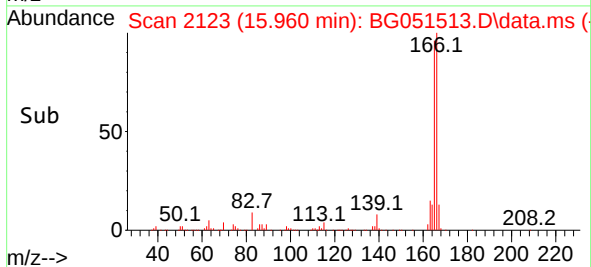
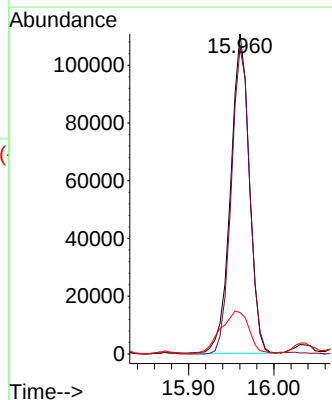
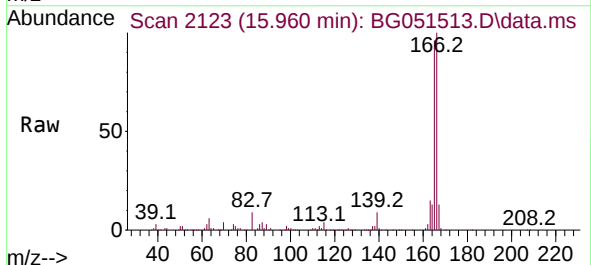
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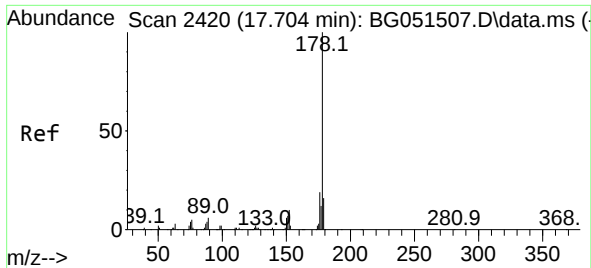
Reviewed By :Jagrut Upadhyay 12/15/2021
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#61
Fluorene
Concen: 20.645 ng/uI
RT: 15.960 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

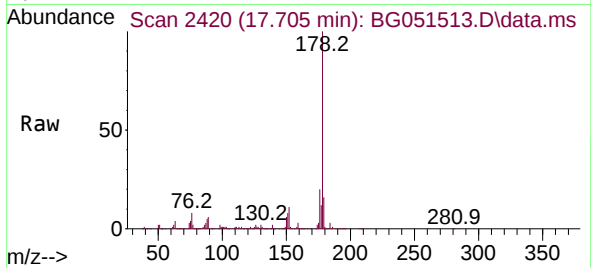
Tgt Ion:166 Resp: 168978
Ion Ratio Lower Upper
166 100
165 95.8 81.0 121.6
167 13.0 11.0 16.4





#72
Phenanthrene
Concen: 21.536 ng/u1
RT: 17.705 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24

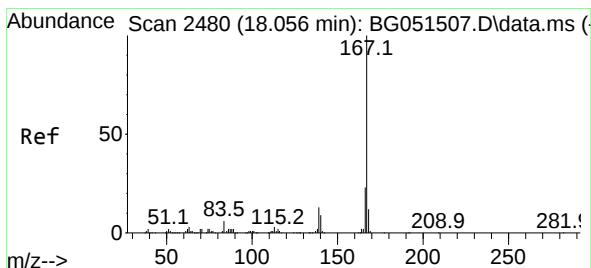
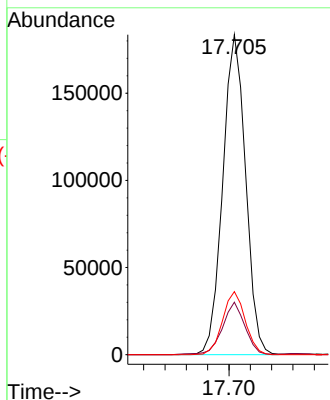
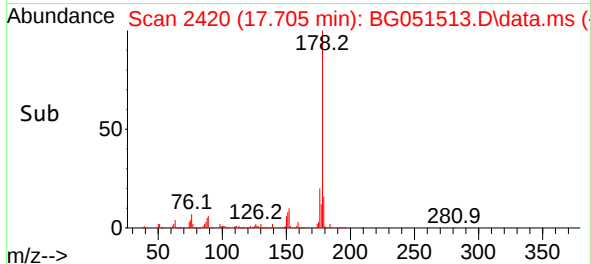
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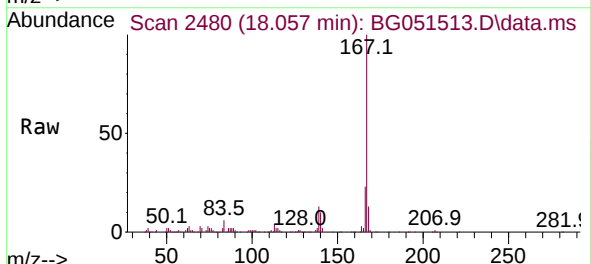
Tgt Ion:178 Resp: 272944
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 19.7 15.5 23.3

Manual Integrations
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#77
Carbazole
Concen: 18.404 ng/u1
RT: 18.057 min Scan# 2480
Delta R.T. -0.004 min
Lab File: BG051513.D
Acq: 14 Dec 2021 21:24



Tgt Ion:167 Resp: 211000
Ion Ratio Lower Upper
167 100
166 22.9 17.3 25.9
139 13.1 10.6 16.0

