

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052097.D
 Acq On : 20 Jan 2022 17:31
 Operator : CG/JU
 Sample : N1199-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0F02

Manual Integrations
 APPROVED

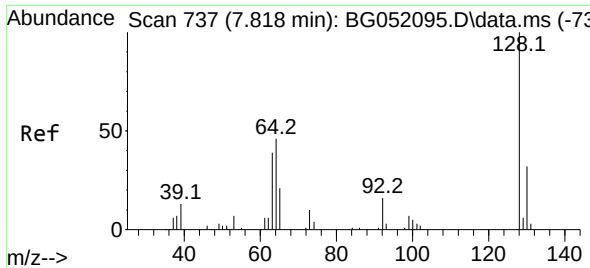
Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :Yogesh Patel 01/23/2022

Quant Time: Jan 21 02:16:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

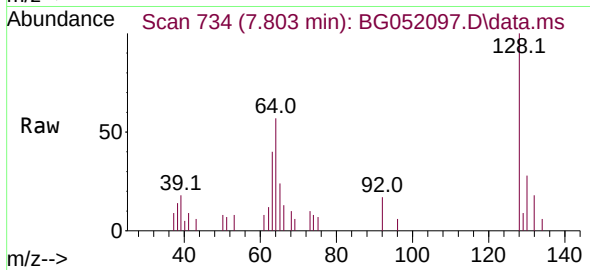
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	26759	20.000	ng/u1	0.00
20) Naphthalene-d8	11.087	136	109207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.888	164	82091	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.637	188	185833	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.954	240	185656	20.000	ng/u1	# 0.00
88) Perylene-d12	25.438	264	193769	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.573	96	3864	5.160	ng/uL	0.00
4) Pyridine-d5	4.002	84	20409m	8.767	ng/u1	0.00
7) Phenol-d5	7.386	99	18129	6.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	45859	27.583	ng/u1	0.00
11) 2-Chlorophenol-d4	7.768	132	42778	24.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.943	113	33954	16.678	ng/u1	0.00
21) Nitrobenzene-d5	9.413	128	31029	35.958	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	32909	34.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	89518	47.987	ng/u1	0.00
31) 4-Chloroaniline-d4	11.210	131	68031	26.187	ng/u1	0.00
46) Dimethylphthalate-d6	14.277	166	227221	33.486	ng/u1	0.00
49) Acenaphthylene-d8	14.582	160	268053	32.704	ng/u1	0.00
54) 4-Nitrophenol-d4	15.070	143	9497	8.371	ng/u1	0.00
60) Fluorene-d10	15.880	176	201313	34.028	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.986	200	36338	30.997	ng/u1	0.00
73) Anthracene-d10	17.737	188	337560	38.292	ng/u1	0.00
81) Pyrene-d10	20.016	212	396167	37.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.203	264	390254	38.257	ng/u1	0.00
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.803	128	5442	3.085	ng/u1	96
29) 2,4-Dichlorophenol	10.728	162	673340	367.531	ng/u1	98
30) Naphthalene	11.134	128	315827	53.369	ng/u1	96
36) 2-Methylnaphthalene	12.726	142	34404	8.162	ng/u1	97
37) 1-Methylnaphthalene	12.949	142	239449	55.350	ng/u1	97
41) 2,4,6-Trichlorophenol	13.325	196	76922	42.872	ng/u1	95
42) 2,4,5-Trichlorophenol	13.401	196	7331m	3.790	ng/u1	
43) 1,1'-Biphenyl	13.724	154	40532	6.396	ng/u1#	93
50) Acenaphthylene	14.611	152	8164	1.012	ng/u1#	61
52) Acenaphthene	14.952	153	25361	4.726	ng/u1	94
56) Dibenzofuran	15.281	168	16394	2.103	ng/u1	97
61) Fluorene	15.933	166	32114	4.945	ng/u1	98
71) Pentachlorophenol	17.290	266	3615	2.683	ng/u1#	81
72) Phenanthrene	17.678	178	76405	7.847	ng/u1	97
77) Carbazole	18.036	167	9743	1.109	ng/u1#	95

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



#12
2-Chlorophenol
Concen: 3.085 ng/ul
RT: 7.803 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

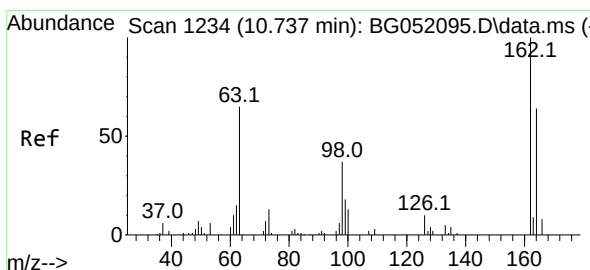
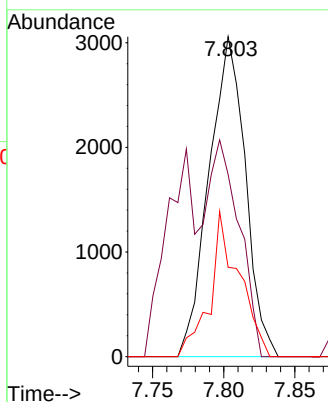
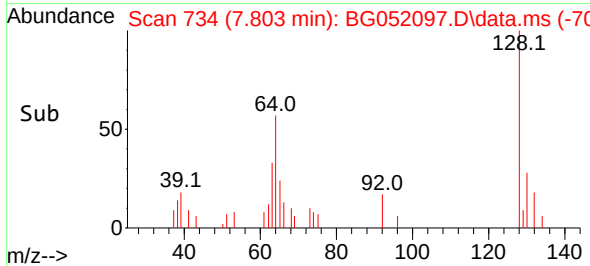
Instrument :
BNA_G
ClientSampleId :
C0F02



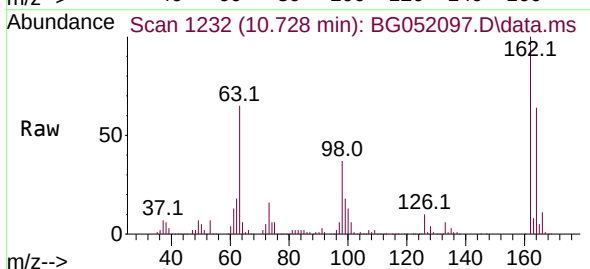
Tgt Ion:128 Resp: 544
Ion Ratio Lower Upper
128 100
64 57.0 45.3 67.9
130 28.0 27.1 40.7

Manual Integrations
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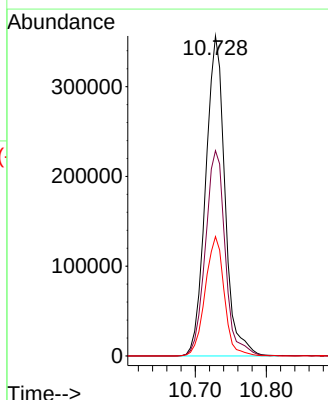
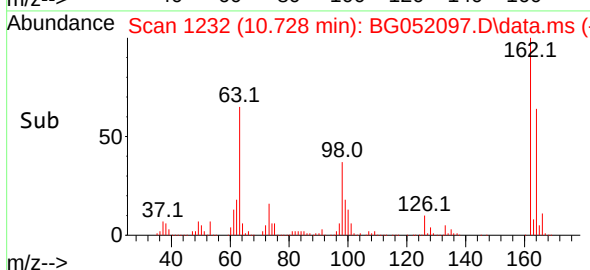
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

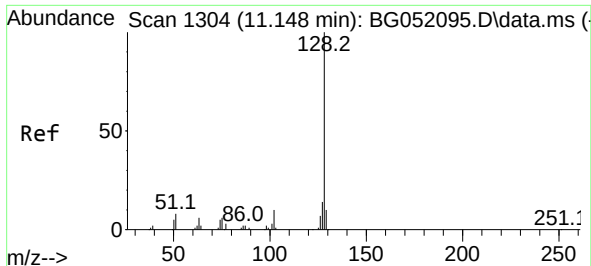


#29
2,4-Dichlorophenol
Concen: 367.531 ng/ul
RT: 10.728 min Scan# 1232
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31



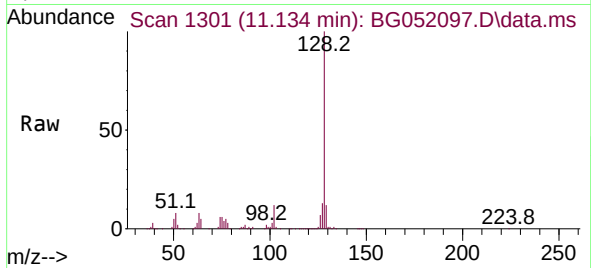
Tgt Ion:162 Resp: 673340
Ion Ratio Lower Upper
162 100
164 64.1 49.4 74.0
98 37.3 30.4 45.6





#30
Naphthalene
Concen: 53.369 ng/ul
RT: 11.134 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

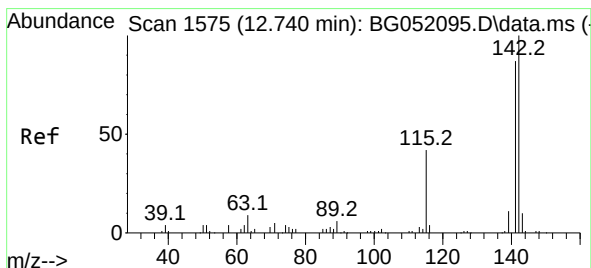
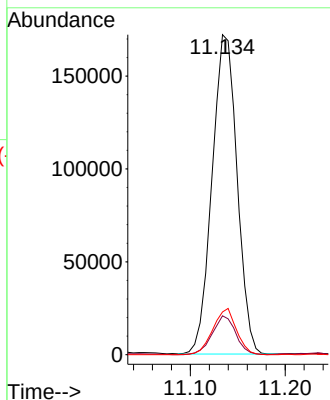
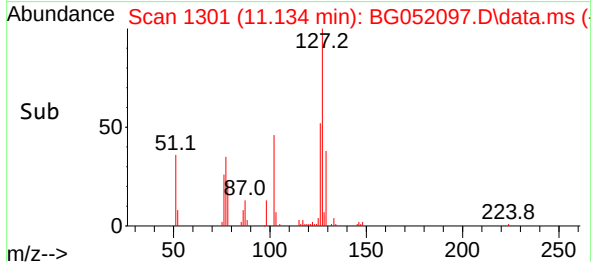
Instrument :
BNA_G
ClientSampleId :
C0F02



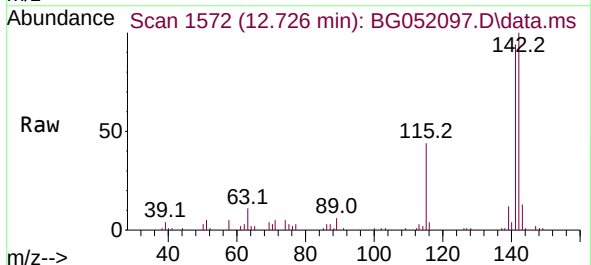
Tgt Ion:128 Resp: 31582
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 13.4 11.8 17.6

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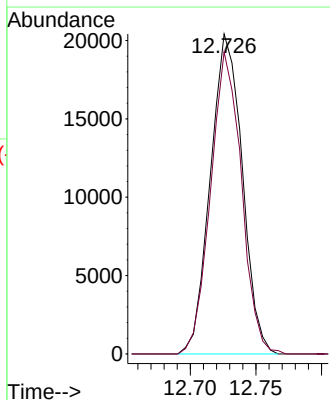
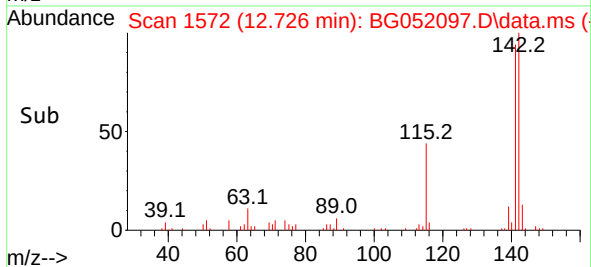
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

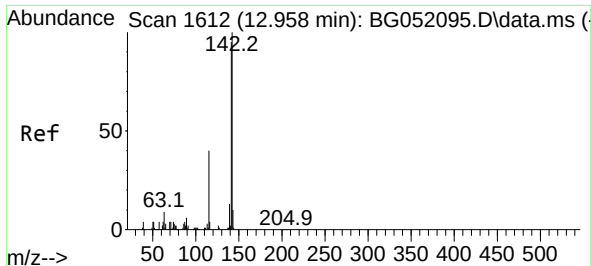


#36
2-Methylnaphthalene
Concen: 8.162 ng/ul
RT: 12.726 min Scan# 1572
Delta R.T. -0.009 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31



Tgt Ion:142 Resp: 34404
Ion Ratio Lower Upper
142 100
141 94.4 73.3 109.9





#37

1-Methylnaphthalene

Concen: 55.350 ng/ul

RT: 12.949 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG052097.D

Acq: 20 Jan 2022 17:31

Instrument :

BNA_G

ClientSampleId :

C0F02

Tgt Ion:142 Resp: 239449

Ion Ratio Lower Upper

142 100

141 94.0 77.8 116.8

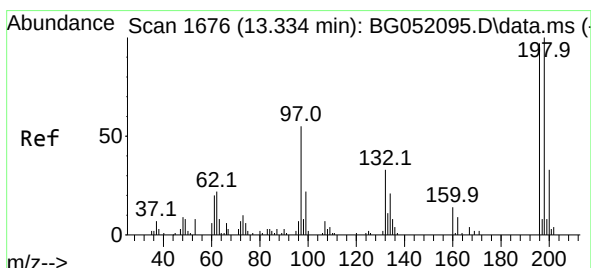
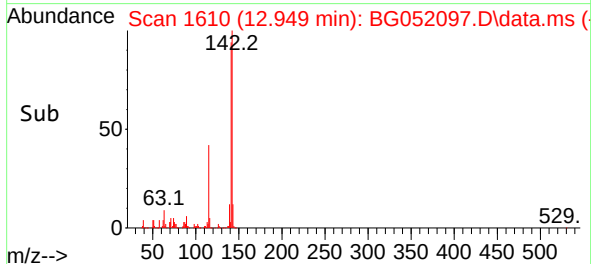
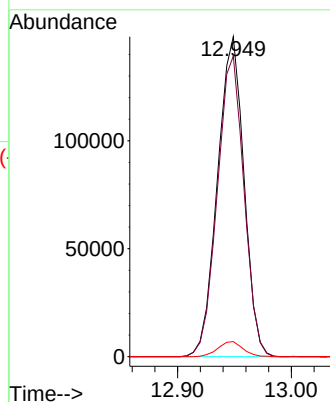
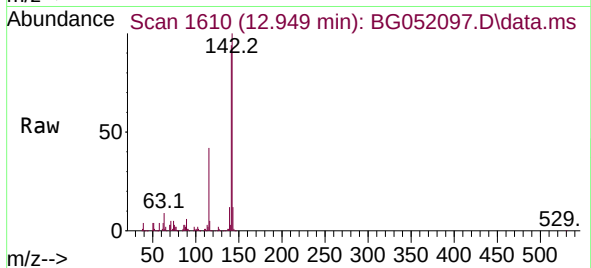
116 4.7 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022

Supervised By :Yogesh Patel 01/23/2022



#41

2,4,6-Trichlorophenol

Concen: 42.872 ng/ul

RT: 13.325 min Scan# 1674

Delta R.T. -0.003 min

Lab File: BG052097.D

Acq: 20 Jan 2022 17:31

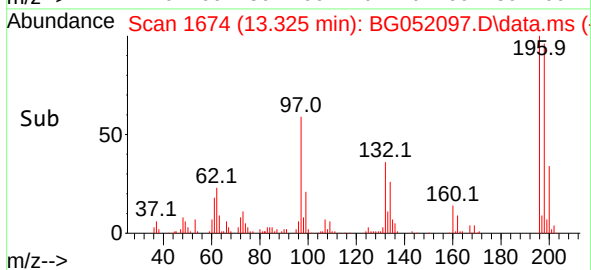
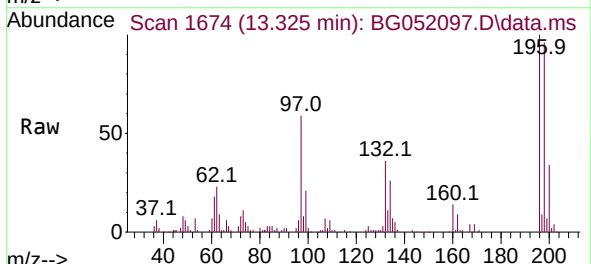
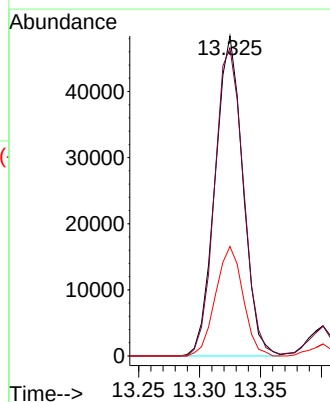
Tgt Ion:196 Resp: 76922

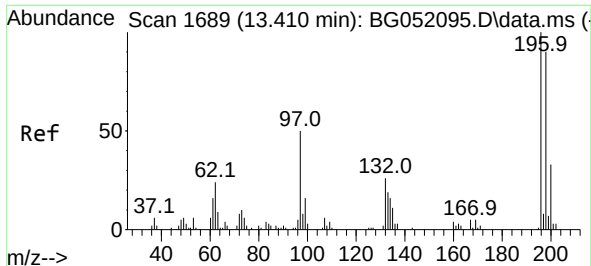
Ion Ratio Lower Upper

196 100

198 96.2 74.3 111.5

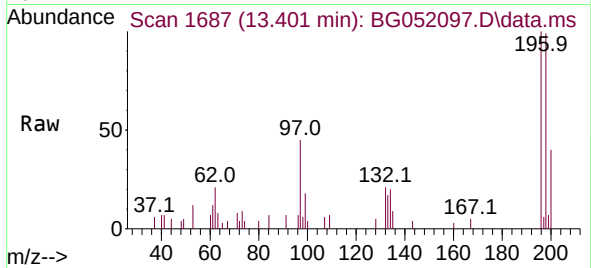
200 34.2 23.8 35.6





#42
2,4,5-Trichlorophenol
Concen: 3.790 ng/ul m
RT: 13.401 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

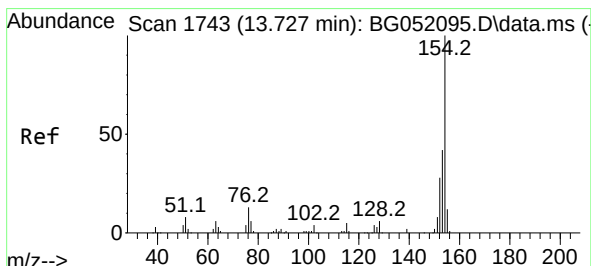
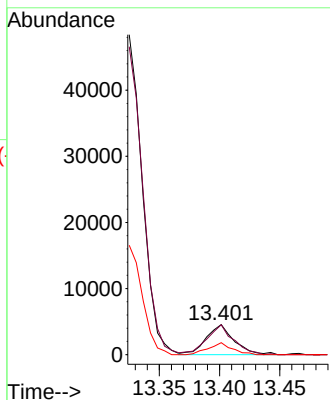
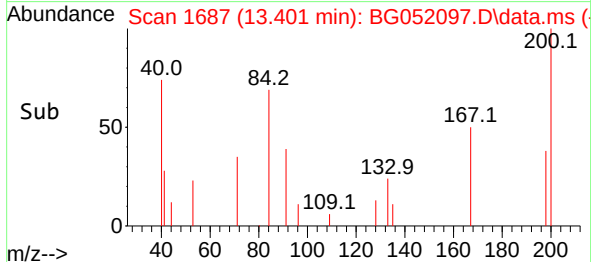
Instrument :
BNA_G
ClientSampleId :
C0F02



Tgt Ion:196 Resp: 733
Ion Ratio Lower Upper
196 100
198 99.1 77.0 115.4
200 39.7 25.4 38.2

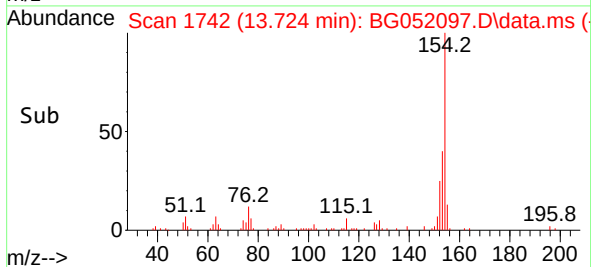
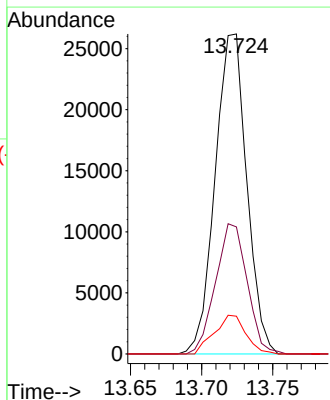
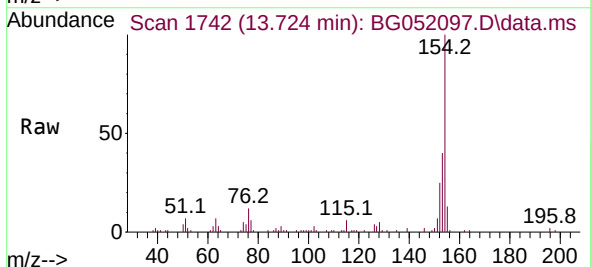
Manual Integrations
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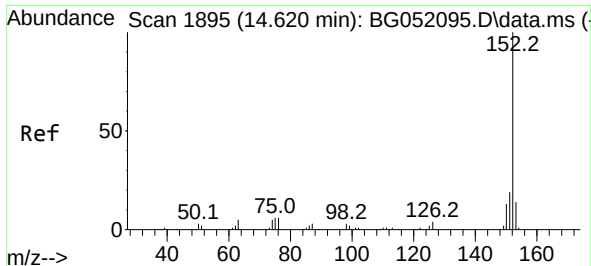
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#43
1,1'-Biphenyl
Concen: 6.396 ng/ul
RT: 13.724 min Scan# 1742
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

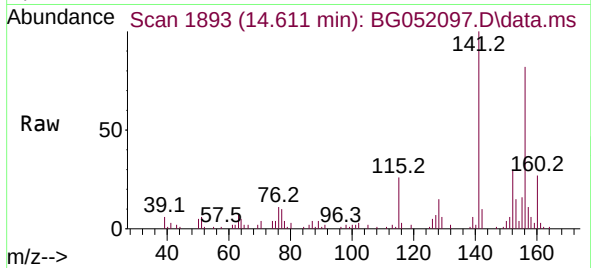
Tgt Ion:154 Resp: 40532
Ion Ratio Lower Upper
154 100
153 39.7 34.5 51.7
76 11.8 13.1 19.7#





#50
Acenaphthylene
Concen: 1.012 ng/ul
RT: 14.611 min Scan# 1893
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

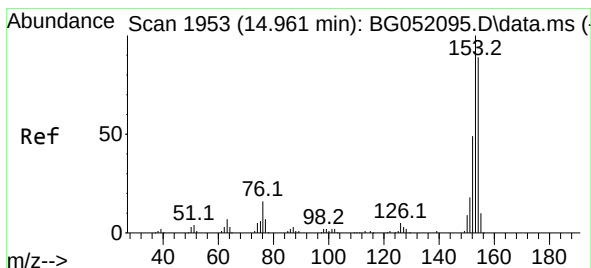
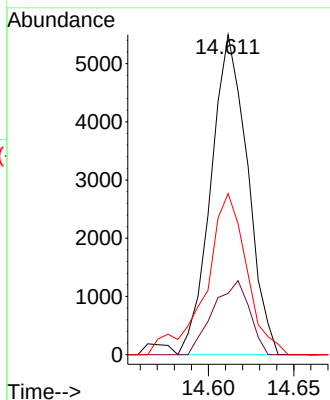
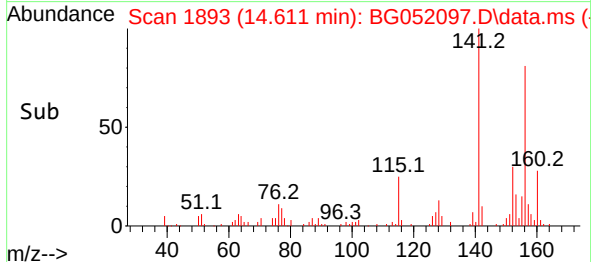
Instrument :
BNA_G
ClientSampleId :
C0F02



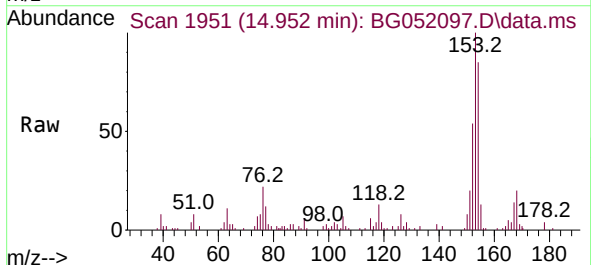
Tgt Ion:152 Resp: 8164
Ion Ratio Lower Upper
152 100
151 19.2 17.4 26.0
153 50.4 10.3 15.5

Manual Integrations
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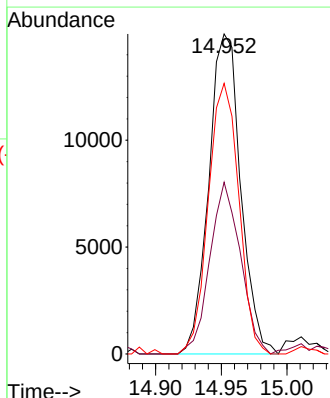
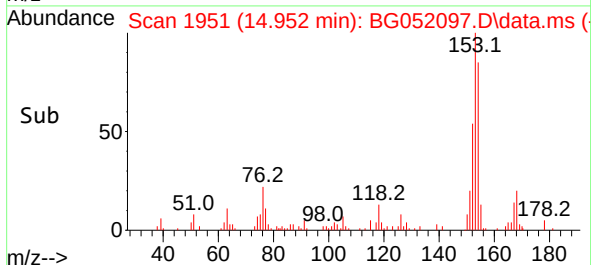
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

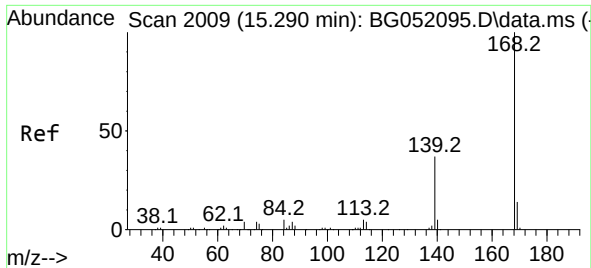


#52
Acenaphthene
Concen: 4.726 ng/ul
RT: 14.952 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31



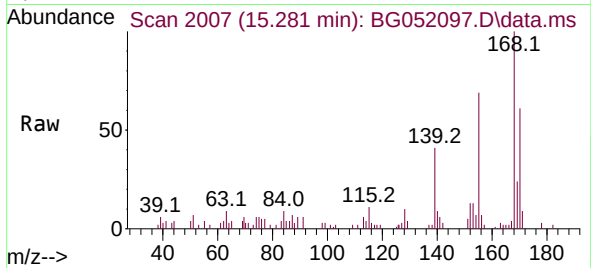
Tgt Ion:153 Resp: 25361
Ion Ratio Lower Upper
153 100
152 53.7 36.5 54.7
154 84.5 65.8 98.6





#56
Dibenzenofuran
Concen: 2.103 ng/ul
RT: 15.281 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

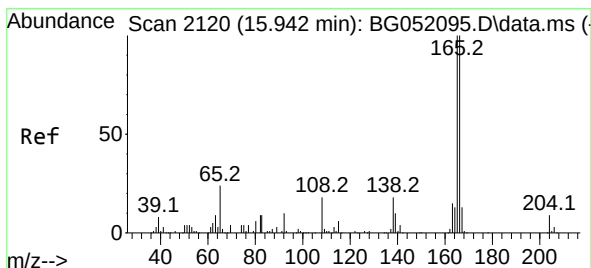
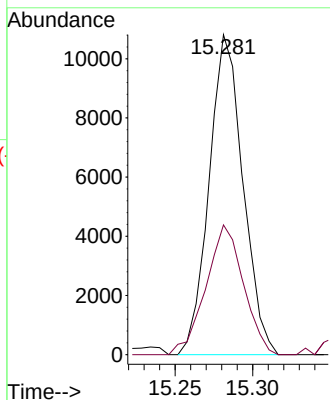
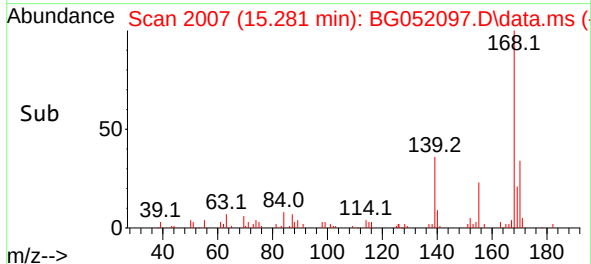
Instrument :
BNA_G
ClientSampleId :
C0F02



Tgt Ion:168 Resp: 16394
Ion Ratio Lower Upper
168 100
139 40.5 31.2 46.8

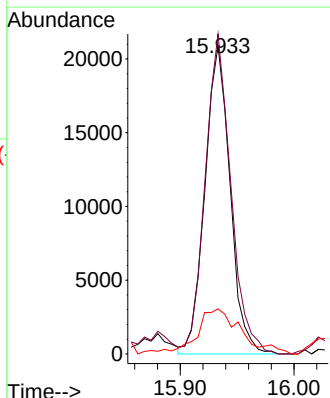
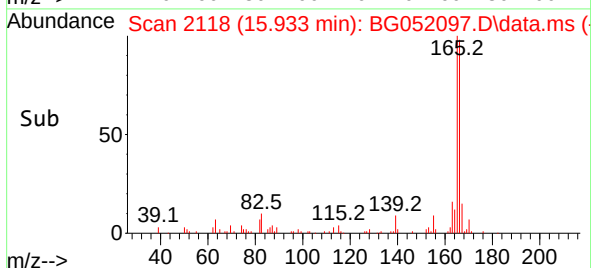
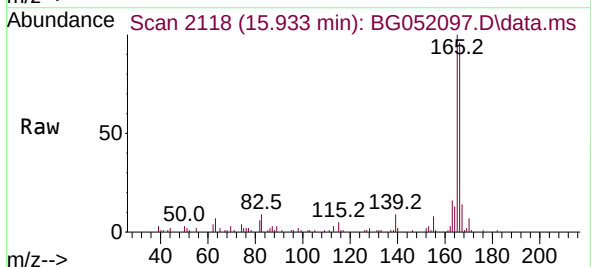
Manual Integrations
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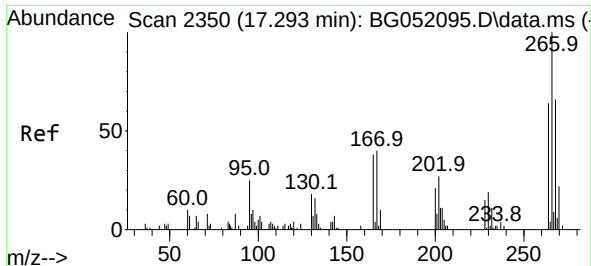
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#61
Fluorene
Concen: 4.945 ng/ul
RT: 15.933 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

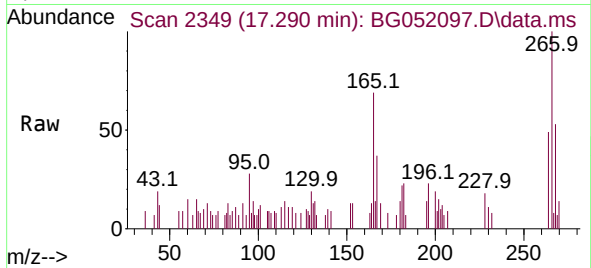
Tgt Ion:166 Resp: 32114
Ion Ratio Lower Upper
166 100
165 103.8 81.0 121.6
167 14.6 11.0 16.4





#71
Pentachlorophenol
Concen: 2.683 ng/u1
RT: 17.290 min Scan# 2415
Delta R.T. 0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31

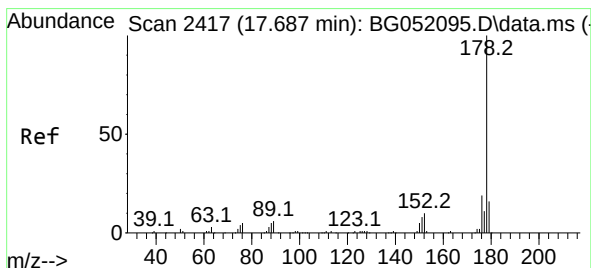
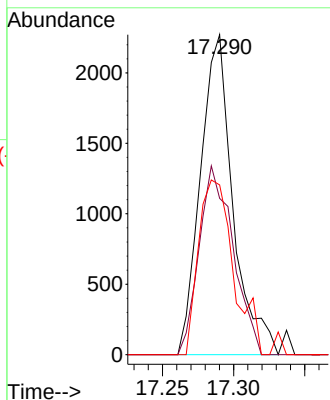
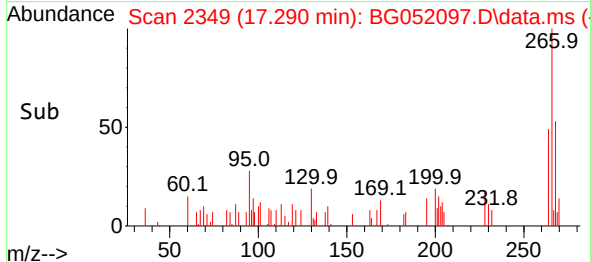
Instrument :
BNA_G
ClientSampleId :
C0F02



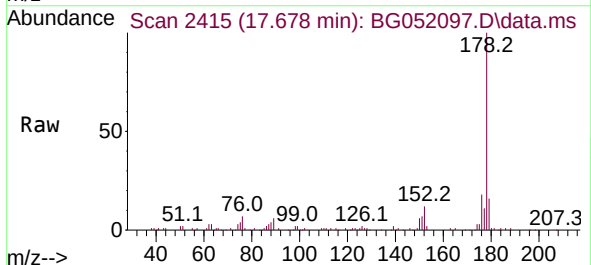
Tgt Ion:266 Resp: 3615
Ion Ratio Lower Upper
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264 48.9 54.3 81.5
268 53.1 51.0 76.6

Manual Integrations
APPROVED

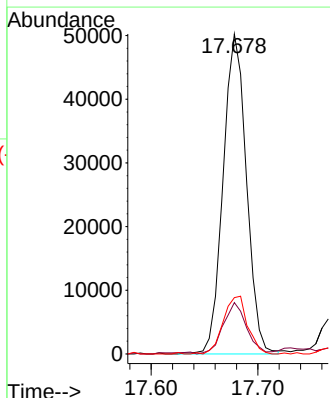
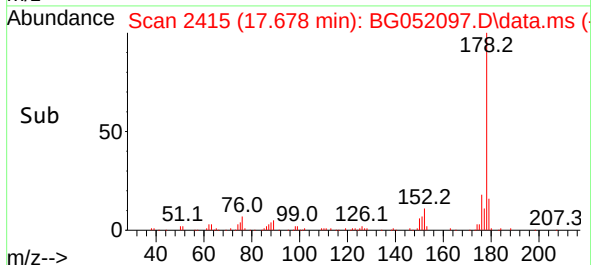
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

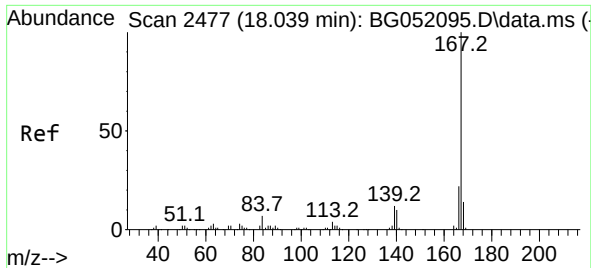


#72
Phenanthrene
Concen: 7.847 ng/u1
RT: 17.678 min Scan# 2415
Delta R.T. -0.003 min
Lab File: BG052097.D
Acq: 20 Jan 2022 17:31



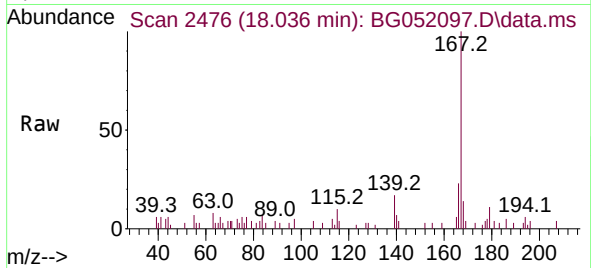
Tgt Ion:178 Resp: 76405
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 17.6 15.5 23.3





#77
 Carbazole
 Concen: 1.109 ng/ul
 RT: 18.036 min Scan# 2477
 Delta R.T. 0.003 min
 Lab File: BG052097.D
 Acq: 20 Jan 2022 17:31

Instrument :
 BNA_G
 ClientSampleId :
 C0F02



Tgt Ion:	167	Resp:	974
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.3	25.9
139	16.7	10.6	16.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :Yogesh Patel 01/23/2022

