

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052114.D
 Acq On : 21 Jan 2022 10:38
 Operator : CG/JU
 Sample : N1199-02DL 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0F12DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 23:01:49 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	8.240	152	27690	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.083	136	116255	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.884	164	84171	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	191734	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.951	240	198900	20.000	ng/u1	# 0.00
88) Perylene-d12	25.429	264	204716	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	1926	2.485	ng/uL	0.00
4) Pyridine-d5	4.005	84	12624	5.241	ng/u1	0.00
7) Phenol-d5	7.382	99	11471	4.233	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	28050	16.304	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.770	132	25998	14.489	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	20913	9.927	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	17981	19.574	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	19831	19.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	37163	18.714	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.201	131	35572	12.863	ng/u1	-0.01
46) Dimethylphthalate-d6	14.273	166	132435	19.035	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	164953	19.628	ng/u1	0.00
54) 4-Nitrophenol-d4	15.072	143	4813	4.138	ng/u1	0.00
60) Fluorene-d10	15.877	176	117987	19.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	40268	33.292	ng/u1	0.01
73) Anthracene-d10	17.733	188	192554	21.170	ng/u1	0.00
81) Pyrene-d10	20.012	212	232548	20.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.194	264	226184	20.987	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.130	128	81957	13.010	ng/u1#	96
36) 2-Methylnaphthalene	12.722	142	7142	1.592	ng/u1	95
37) 1-Methylnaphthalene	12.946	142	222846	48.389	ng/u1	96
42) 2,4,5-Trichlorophenol	13.398	196	7034	3.547	ng/u1#	81
43) 1,1'-Biphenyl	13.715	154	47184	7.261	ng/u1	94
52) Acenaphthene	14.949	153	27387	4.977	ng/u1#	93
56) Dibenzofuran	15.278	168	19461	2.435	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.507	232	16511	8.976	ng/u1#	98
61) Fluorene	15.930	166	37647	5.653	ng/u1	98
71) Pentachlorophenol	17.298	266	985783	709.073	ng/u1	96
72) Phenanthrene	17.680	178	105594	10.510	ng/u1	98
74) Anthracene	17.768	178	11633	1.157	ng/u1	99
82) Pyrene	20.036	202	17847m	1.370	ng/u1	

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

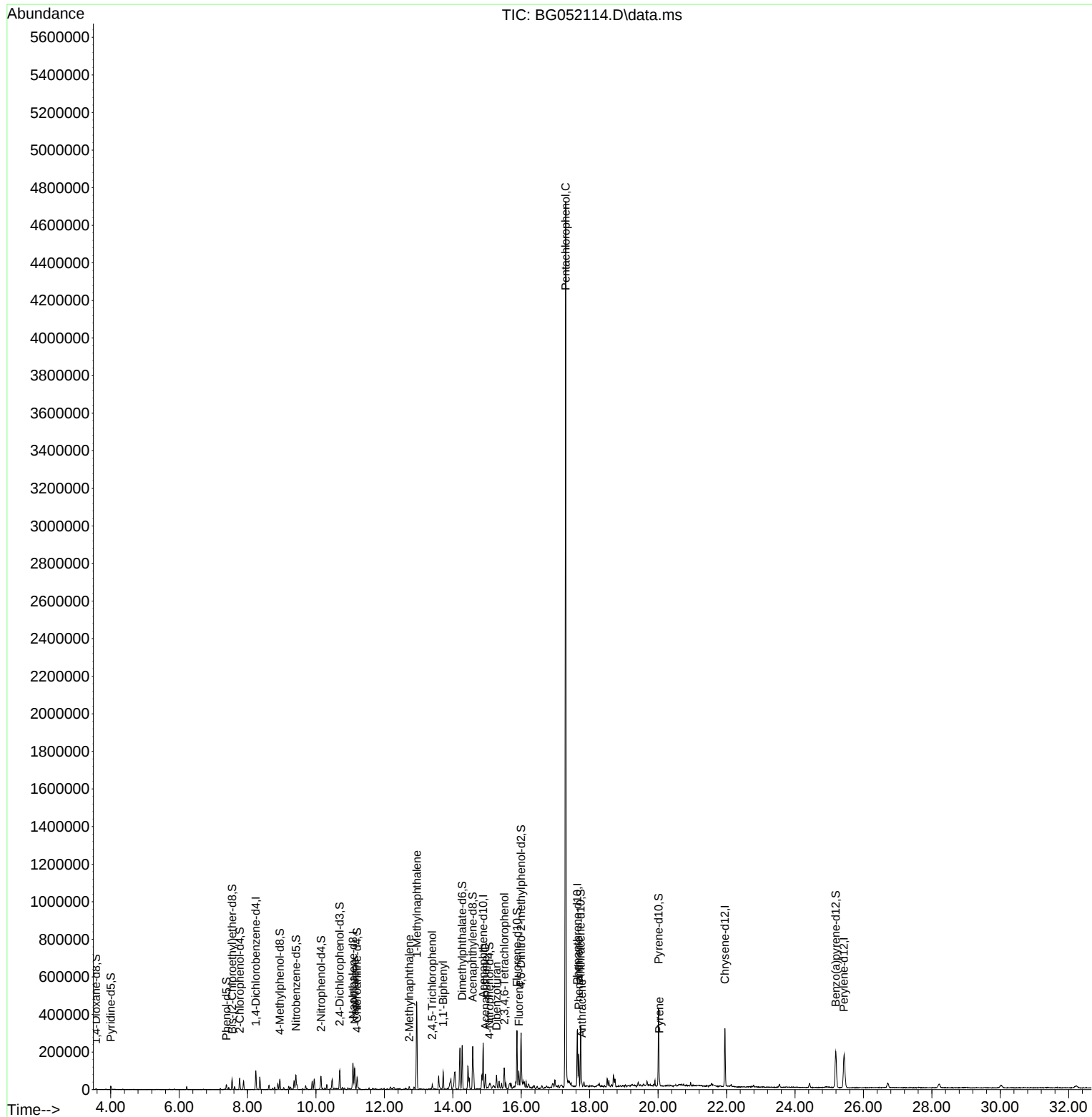
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052114.D
Acq On : 21 Jan 2022 10:38
Operator : CG/JU
Sample : N1199-02DL 2X
Misc :
ALS Vial : 53 Sample Multiplier: 1

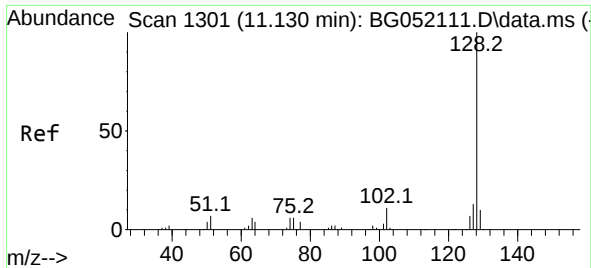
Instrument :
BNA_G
ClientSampleId :
C0F12DL

Quant Time: Jan 21 23:01:49 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

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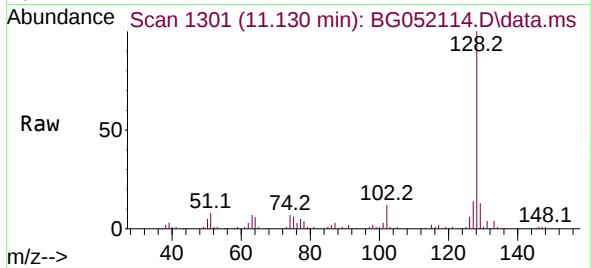
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022





#30
Naphthalene
Concen: 13.010 ng/ul
RT: 11.130 min Scan# 111
Delta R.T. -0.013 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

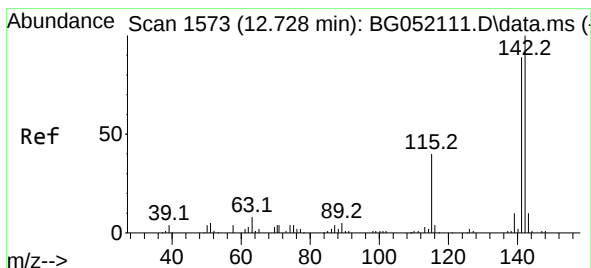
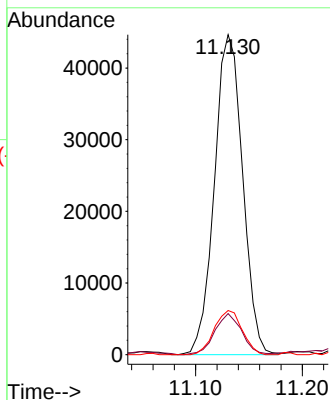
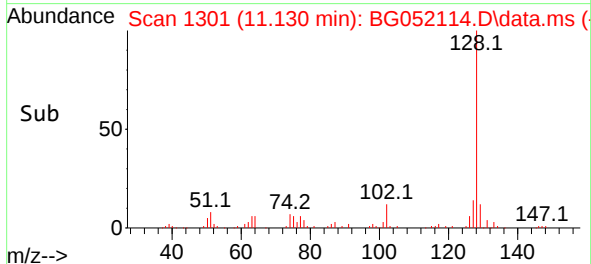
Instrument :
BNA_G
ClientSampleId :
C0F12DL



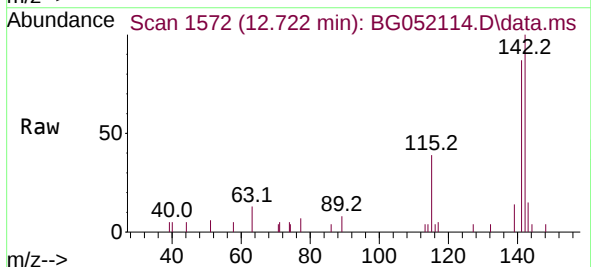
Tgt Ion:128 Resp: 8195
Ion Ratio Lower Upper
128 100
129 12.9 8.5 12.7
127 13.8 11.8 17.6

Manual Integrations
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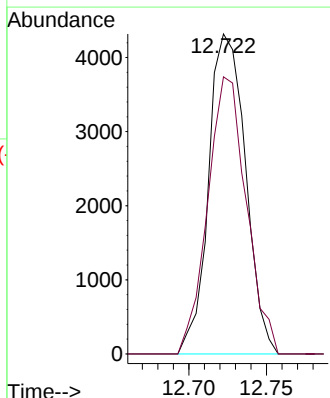
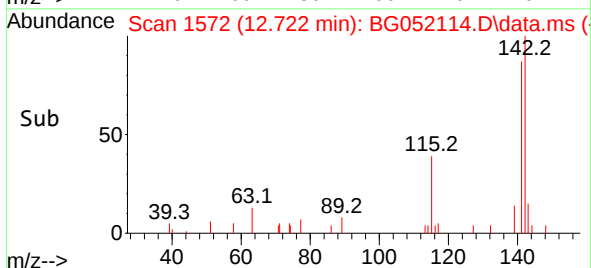
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

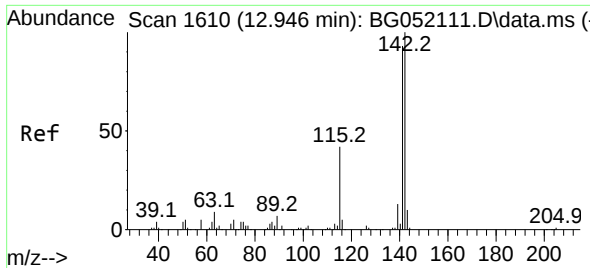


#36
2-Methylnaphthalene
Concen: 1.592 ng/ul
RT: 12.722 min Scan# 1572
Delta R.T. -0.013 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38



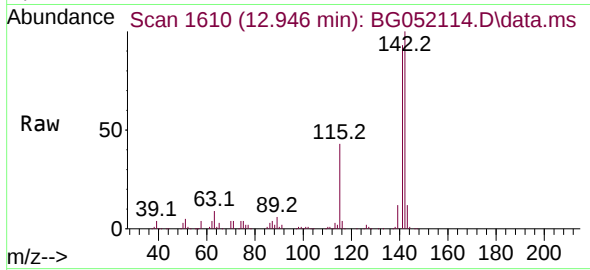
Tgt Ion:142 Resp: 7142
Ion Ratio Lower Upper
142 100
141 86.6 73.3 109.9





#37
1-Methylnaphthalene
Concen: 48.389 ng/ul
RT: 12.946 min Scan# 1610
Delta R.T. -0.007 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

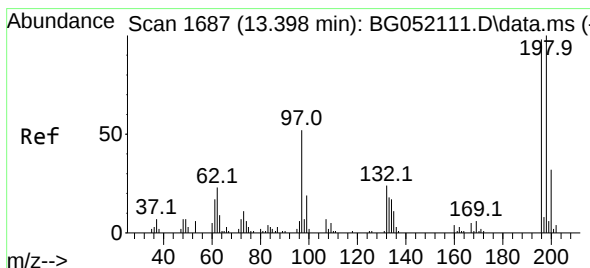
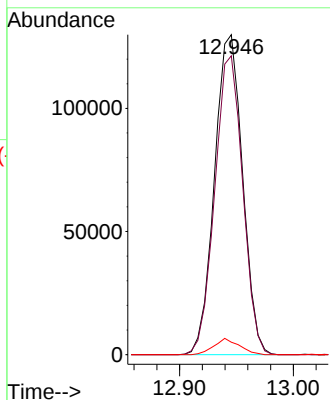
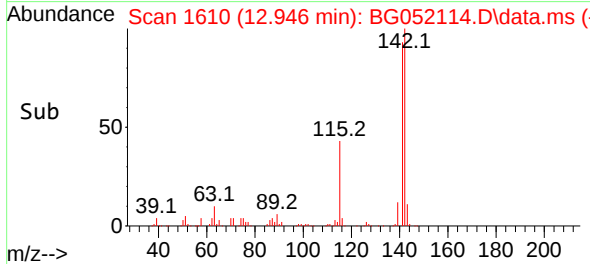
Instrument :
BNA_G
ClientSampleId :
C0F12DL



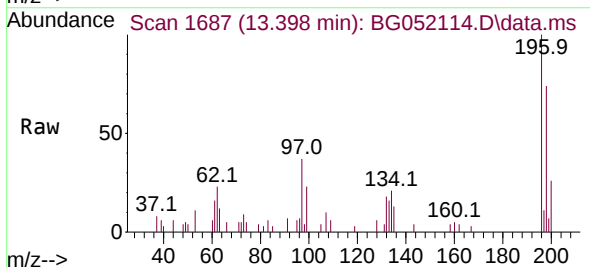
Tgt Ion:142 Resp: 222840
Ion Ratio Lower Upper
142 100
141 93.4 77.8 116.8
116 3.9 3.3 4.9

Manual Integrations
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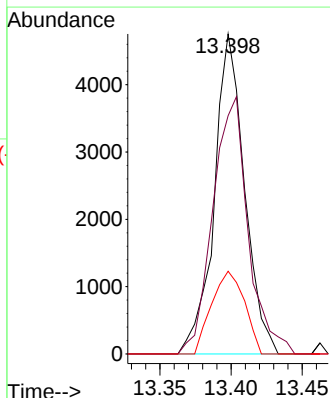
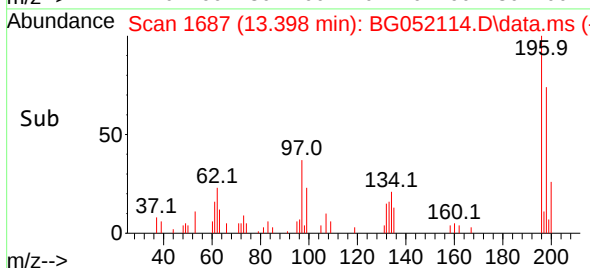
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

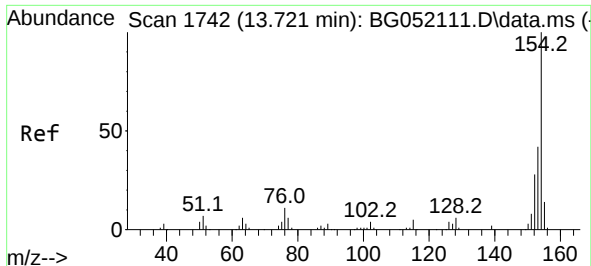


#42
2,4,5-Trichlorophenol
Concen: 3.547 ng/ul
RT: 13.398 min Scan# 1687
Delta R.T. -0.001 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38



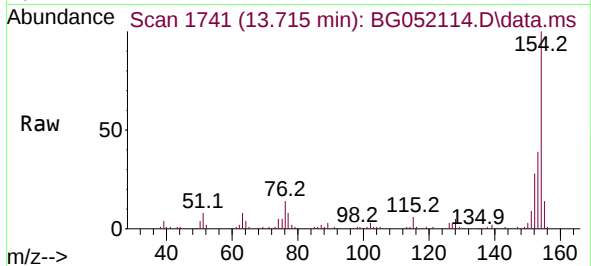
Tgt Ion:196 Resp: 7034
Ion Ratio Lower Upper
196 100
198 74.5 77.0 115.4#
200 25.8 25.4 38.2





#43
1,1'-Biphenyl
Concen: 7.261 ng/ul
RT: 13.715 min Scan# 1741
Delta R.T. -0.013 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

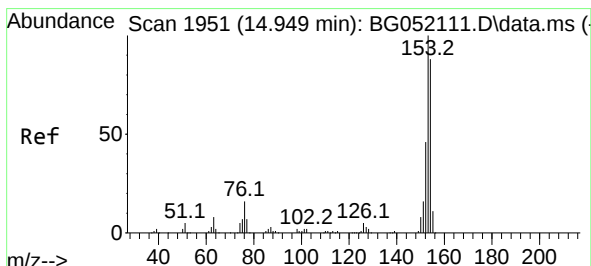
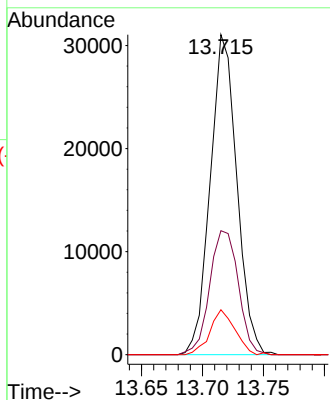
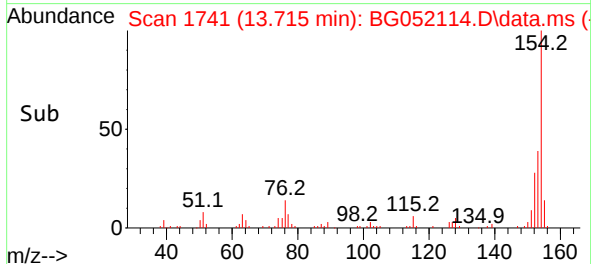
Instrument :
BNA_G
ClientSampleId :
C0F12DL



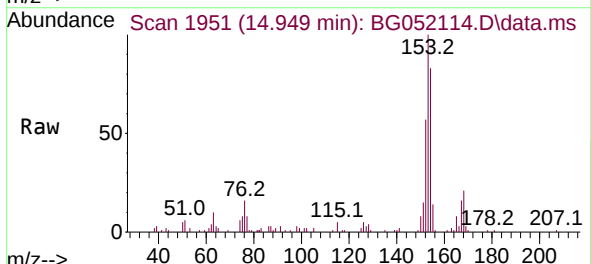
Tgt Ion:154 Resp: 47184
Ion Ratio Lower Upper
154 100
153 38.7 34.5 51.7
76 14.0 13.1 19.7

Manual Integrations
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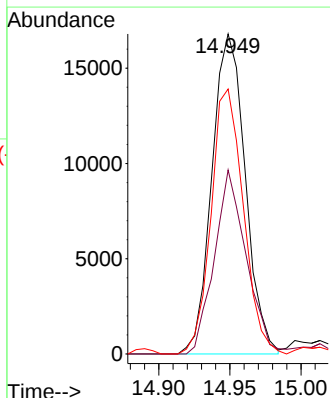
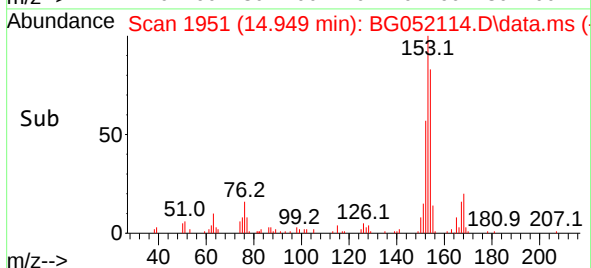
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

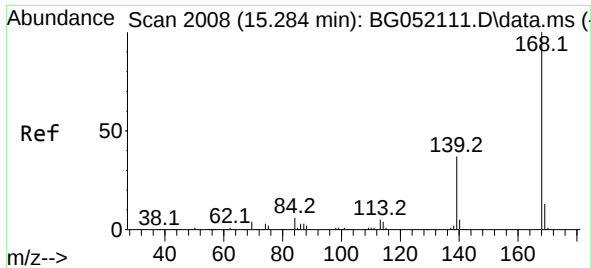


#52
Acenaphthene
Concen: 4.977 ng/ul
RT: 14.949 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38



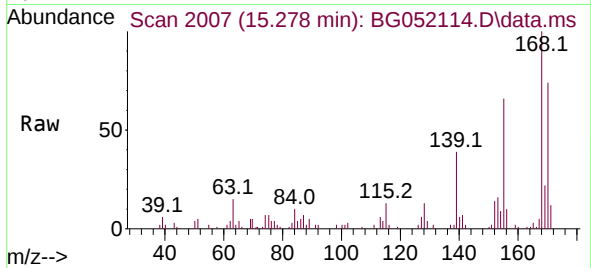
Tgt Ion:153 Resp: 27387
Ion Ratio Lower Upper
153 100
152 57.5 36.5 54.7#
154 82.8 65.8 98.6





#56
Dibenzenofuran
Concen: 2.435 ng/ul
RT: 15.278 min Scan# 2007
Delta R.T. -0.007 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

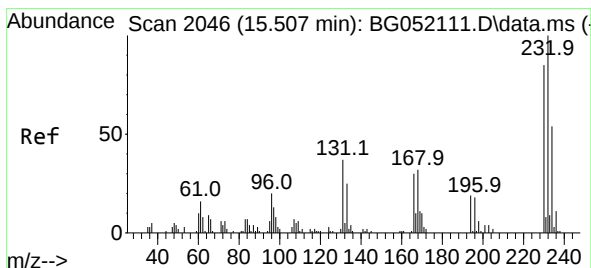
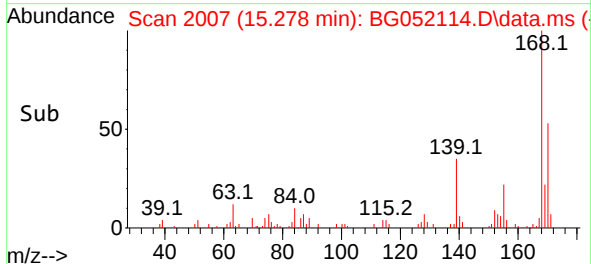
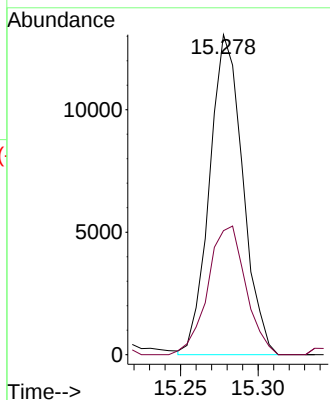
Instrument :
BNA_G
ClientSampleId :
C0F12DL



Tgt Ion:168 Resp: 1946
Ion Ratio Lower Upper
168 100
139 38.8 31.2 46.8

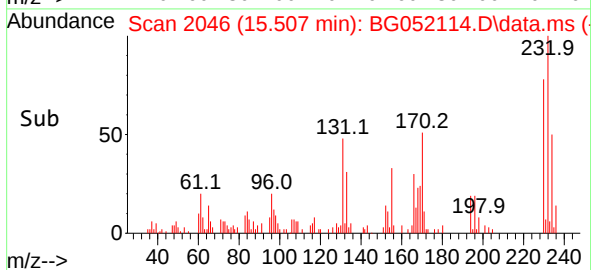
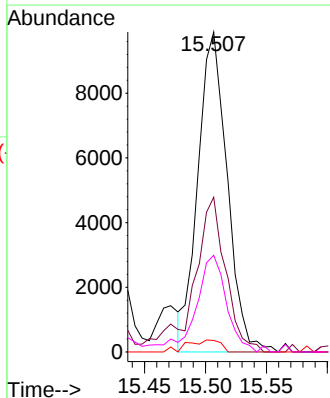
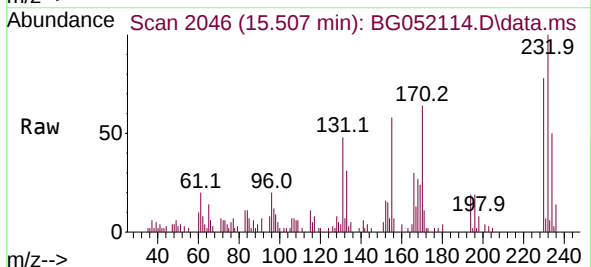
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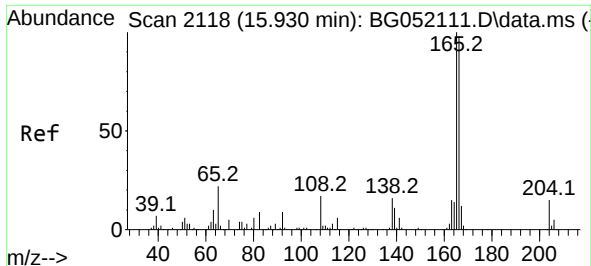
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#58
2,3,4,6-Tetrachlorophenol
Concen: 8.976 ng/ul
RT: 15.507 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

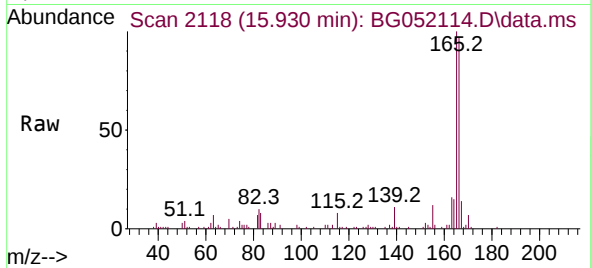
Tgt Ion:232 Resp: 16511
Ion Ratio Lower Upper
232 100
131 48.3 38.9 58.3
130 3.6 2.4 3.6#
166 30.2 25.8 38.8





#61
Fluorene
Concen: 5.653 ng/ul
RT: 15.930 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

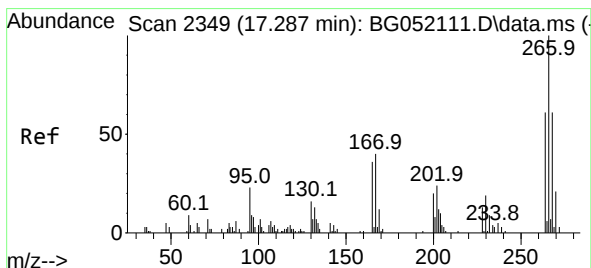
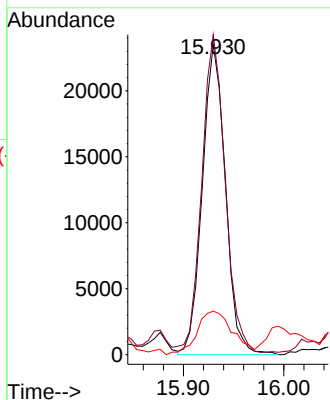
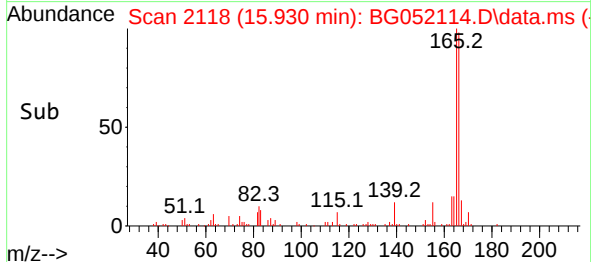
Instrument :
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C0F12DL



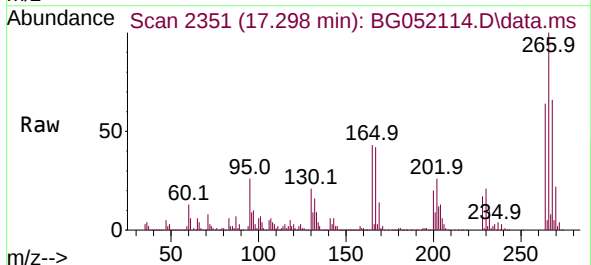
Tgt Ion:166 Resp: 3764
Ion Ratio Lower Upper
166 100
165 103.2 81.0 121.6
167 14.0 11.0 16.4

Manual Integrations
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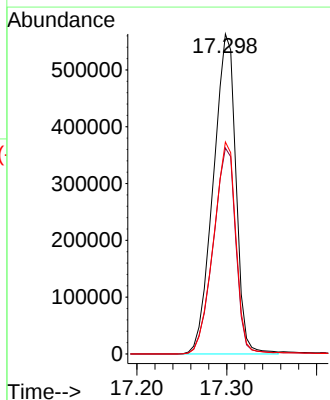
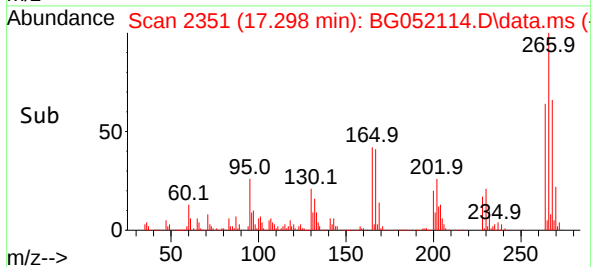
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

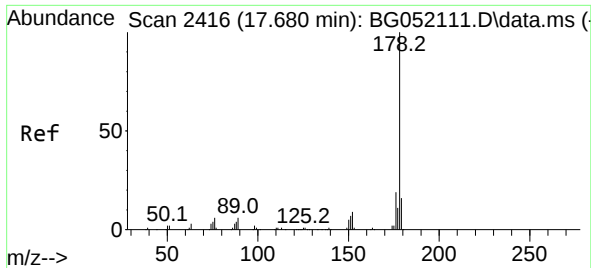


#71
Pentachlorophenol
Concen: 709.073 ng/ul
RT: 17.298 min Scan# 2351
Delta R.T. 0.011 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38



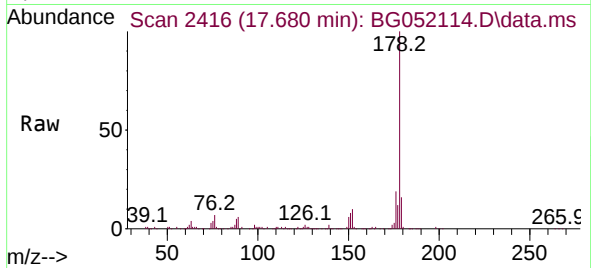
Tgt Ion:266 Resp: 985783
Ion Ratio Lower Upper
266 100
264 64.3 54.3 81.5
268 66.3 51.0 76.6





#72
Phenanthrene
Concen: 10.510 ng/ul
RT: 17.680 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38

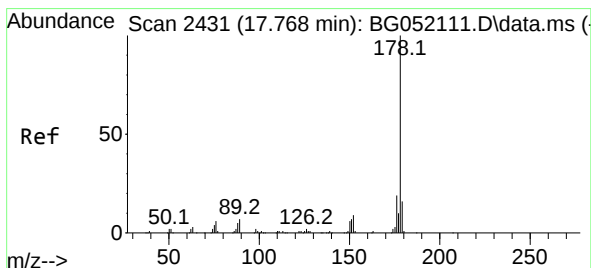
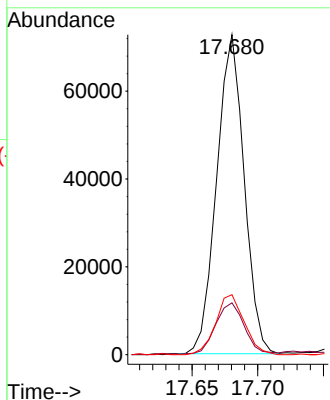
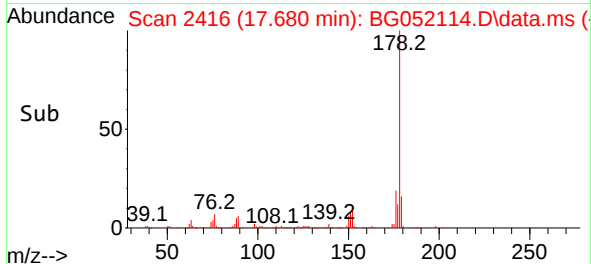
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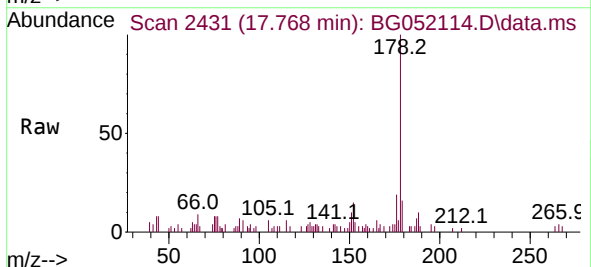
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Ion Ratio Lower Upper
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179 16.2 12.3 18.5
176 18.7 15.5 23.3

Manual Integrations
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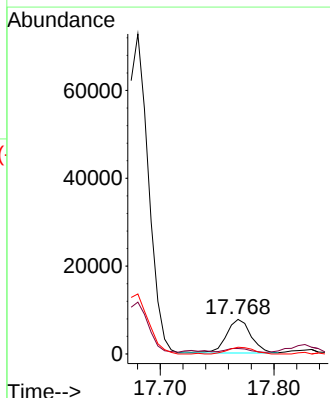
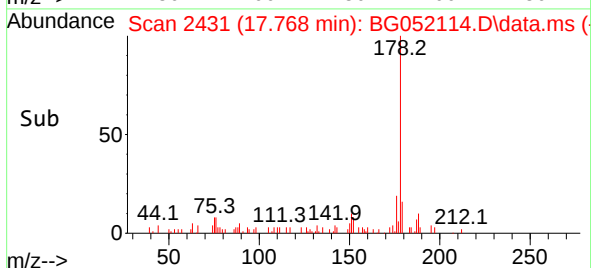
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

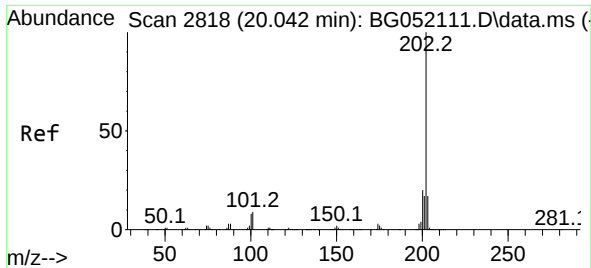


#74
Anthracene
Concen: 1.157 ng/ul
RT: 17.768 min Scan# 2431
Delta R.T. -0.007 min
Lab File: BG052114.D
Acq: 21 Jan 2022 10:38



Tgt Ion:178 Resp: 11633
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.4 15.6 23.4





#82

Pyrene

Concen: 1.370 ng/ul m

RT: 20.036 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG052114.D

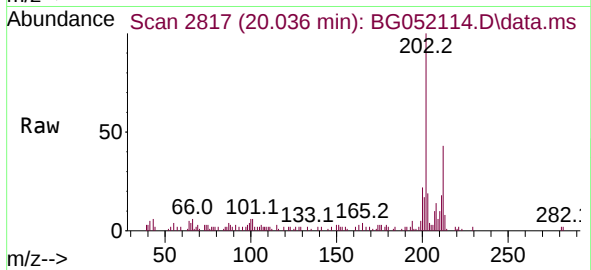
Acq: 21 Jan 2022 10:38

Instrument :

BNA_G

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Tgt Ion:202 Resp: 1784

Ion Ratio Lower Upper

202 100

101 6.5 10.7 16.1

100 5.8 9.0 13.6

Manual Integrations

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Supervised By :mohammad ahmed 01/27/2022

