

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
 Data File : BG052129.D
 Acq On : 24 Jan 2022 16:51
 Operator : CG/JU
 Sample : N1199-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0Q14

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022
 Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 24 23:59:59 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	8.246	152	27126	20.000	ng/u1	0.00
20) Naphthalene-d8	11.083	136	114070	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	82876	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.651	188	168653	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.957	240	168517	20.000	ng/u1	# 0.00
88) Perylene-d12	25.446	264	182027	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	2856	3.762	ng/uL	0.00
4) Pyridine-d5	3.999	84	25350	10.742	ng/u1	0.00
7) Phenol-d5	7.388	99	16580	6.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	45916	27.244	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.770	132	42640	24.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	30972	15.007	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	30710	34.071	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	32316	32.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	58077	29.806	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	64710	23.847	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	210227	30.689	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	266254	32.176	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	7970	6.959	ng/u1	0.01
60) Fluorene-d10	15.883	176	183593	30.739	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	75286	70.761	ng/u1	0.02
73) Anthracene-d10	17.745	188	284338	35.540	ng/u1	0.00
81) Pyrene-d10	20.018	212	312675	32.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.211	264	330587	34.498	ng/u1	0.02
Target Compounds						
12) 2-Chlorophenol	7.805	128	2347	1.313	ng/u1#	87
30) Naphthalene	11.136	128	13504	2.185	ng/u1#	90
37) 1-Methylnaphthalene	12.946	142	166575	36.863	ng/u1	96
41) 2,4,6-Trichlorophenol	13.327	196	29159	16.097	ng/u1	96
42) 2,4,5-Trichlorophenol	13.404	196	56191	28.776	ng/u1	98
43) 1,1'-Biphenyl	13.721	154	58734	9.180	ng/u1#	93
52) Acenaphthene	14.955	153	15675	2.893	ng/u1	92
56) Dibenzofuran	15.284	168	22961	2.918	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.519	232	447955m	247.324	ng/u1	
61) Fluorene	15.936	166	53617	8.177	ng/u1	99
71) Pentachlorophenol	17.346	266	4494323	3675.181	ng/u1	90
72) Phenanthrene	17.692	178	59753	6.762	ng/u1	98
77) Carbazole	18.039	167	7989	1.002	ng/u1#	81

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

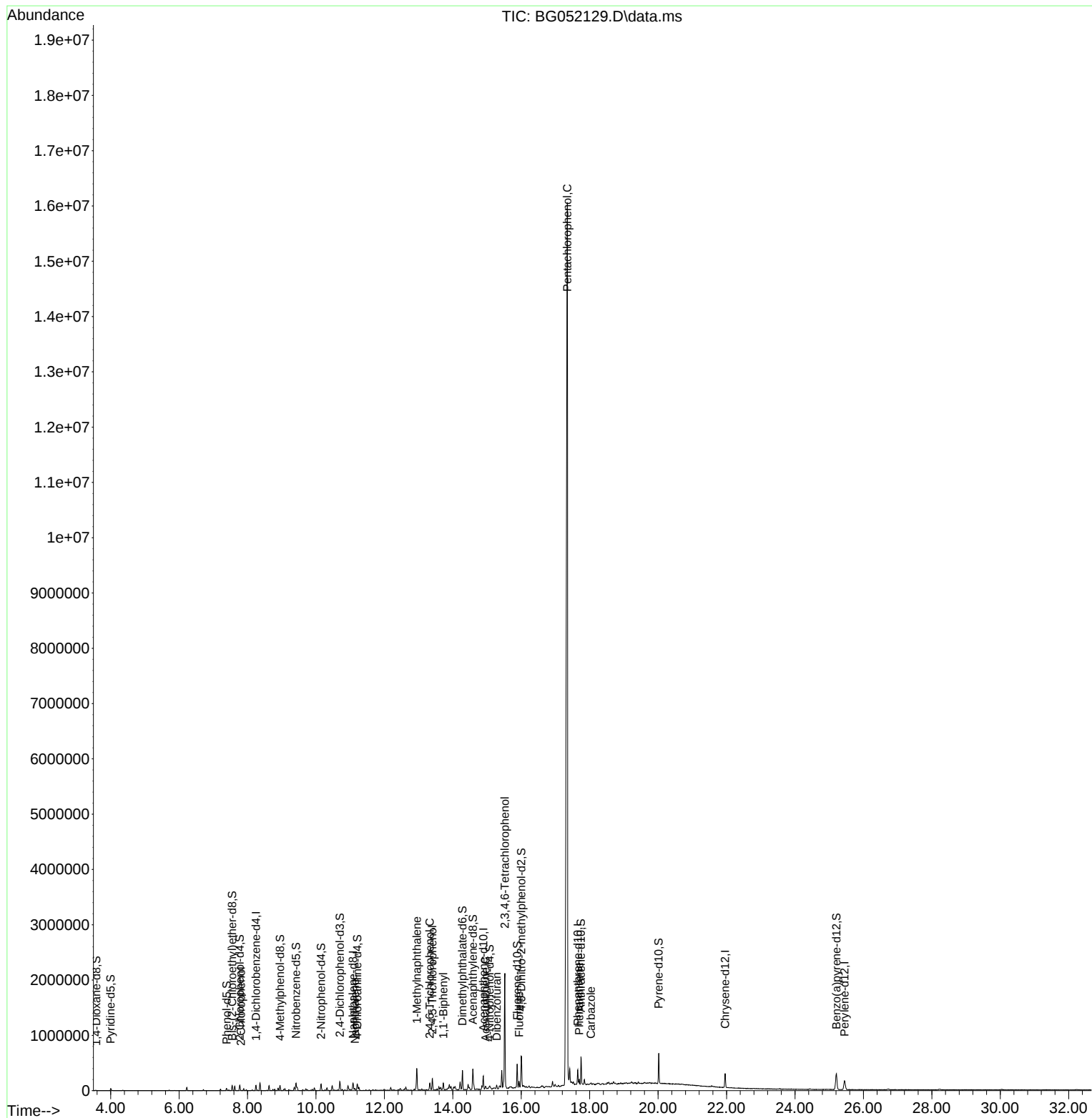
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052129.D
Acq On : 24 Jan 2022 16:51
Operator : CG/JU
Sample : N1199-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

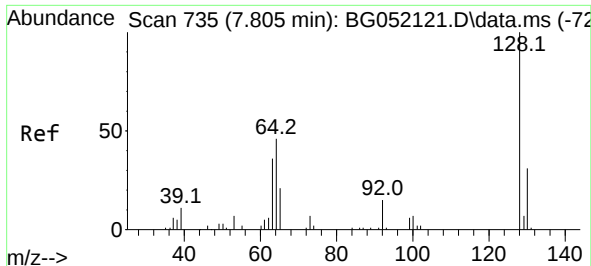
Instrument :
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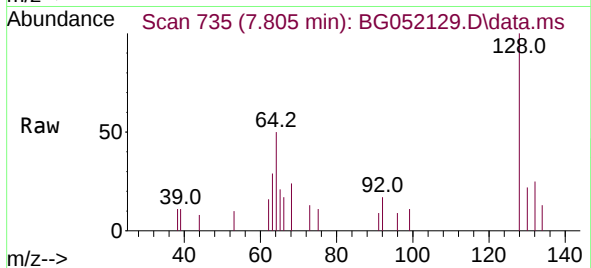
Quant Time: Jan 24 23:59:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#12
2-Chlorophenol
Concen: 1.313 ng/ul
RT: 7.805 min Scan# 735
Delta R.T. -0.007 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

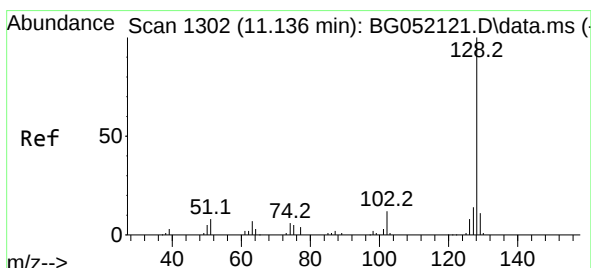
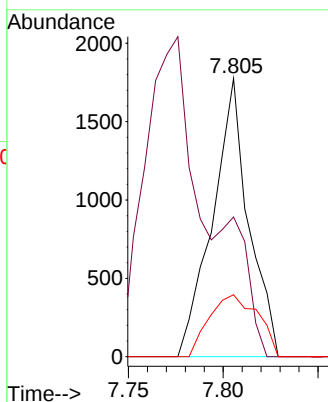
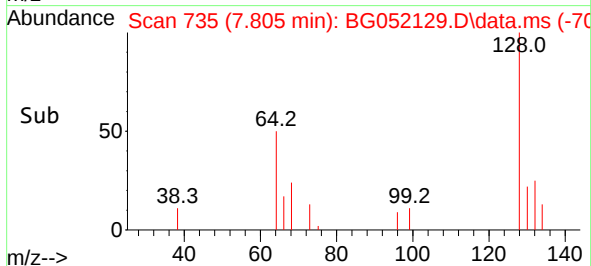
Instrument :
BNA_G
ClientSampleId :
C0Q14



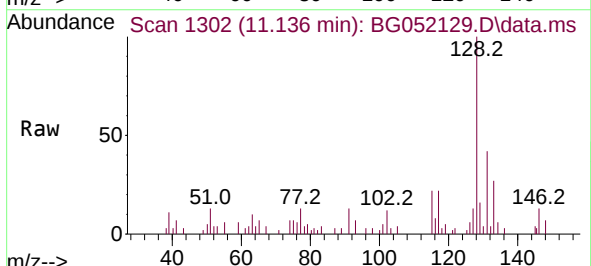
Tgt Ion:128 Resp: 2345
Ion Ratio Lower Upper
128 100
64 50.2 45.3 67.9
130 22.2 27.1 40.7

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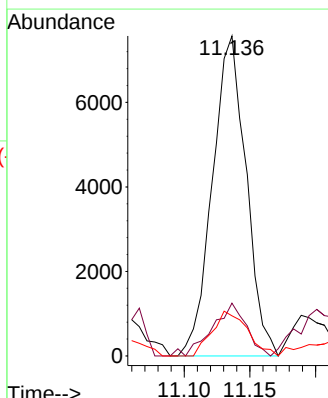
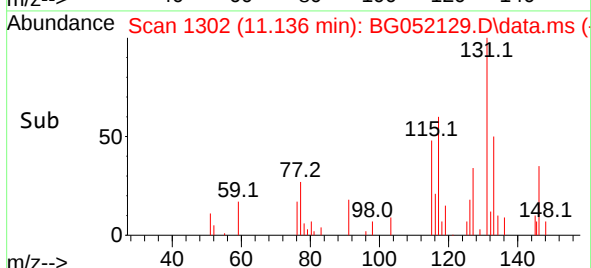
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :mohammad ahmed 01/31/2022

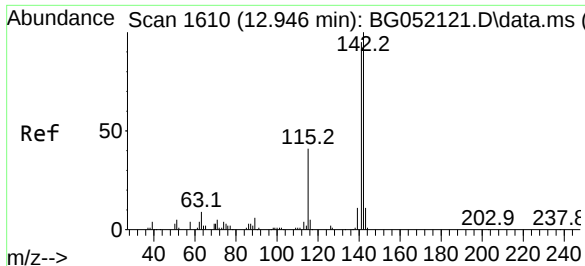


#30
Naphthalene
Concen: 2.185 ng/ul
RT: 11.136 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51



Tgt Ion:128 Resp: 13504
Ion Ratio Lower Upper
128 100
129 16.5 8.5 12.7#
127 12.6 11.8 17.6





#37

1-Methylnaphthalene

Concen: 36.863 ng/ul

RT: 12.946 min Scan# 1610

Delta R.T. -0.007 min

Lab File: BG052129.D

Acq: 24 Jan 2022 16:51

Instrument :

BNA_G

ClientSampleId :

C0Q14

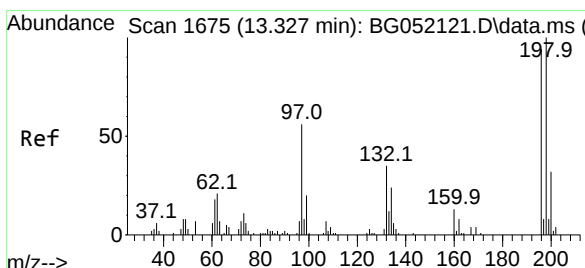
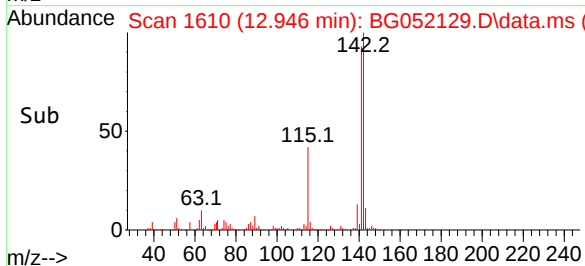
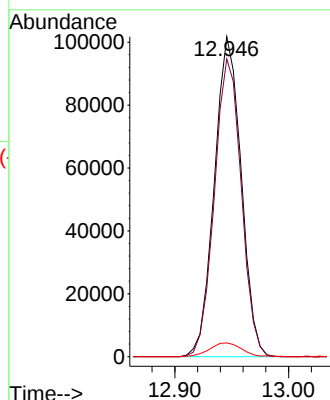
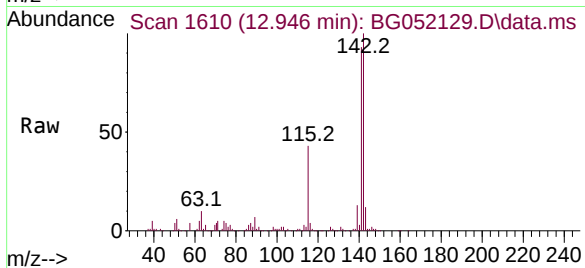
Tgt Ion:142 Resp: 166579

Ion	Ratio	Lower	Upper
142	100		
141	93.0	77.8	116.8
116	4.3	3.3	4.9

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#41

2,4,6-Trichlorophenol

Concen: 16.097 ng/ul

RT: 13.327 min Scan# 1675

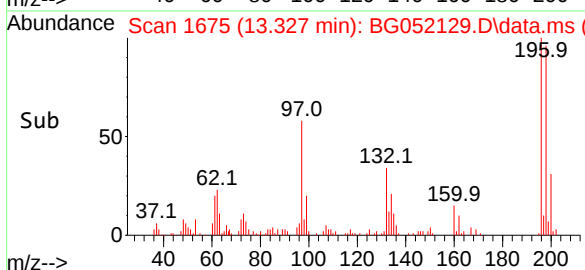
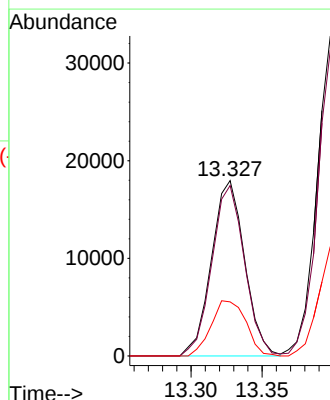
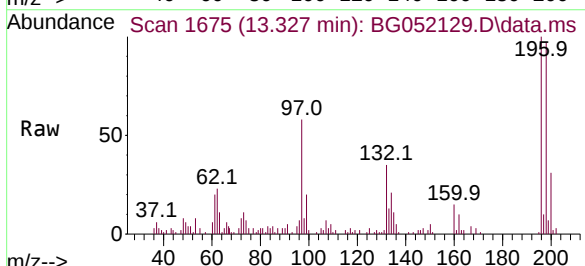
Delta R.T. -0.001 min

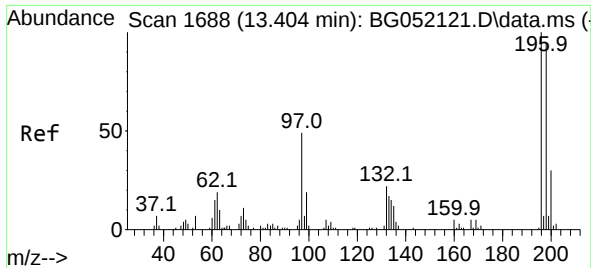
Lab File: BG052129.D

Acq: 24 Jan 2022 16:51

Tgt Ion:196 Resp: 29159

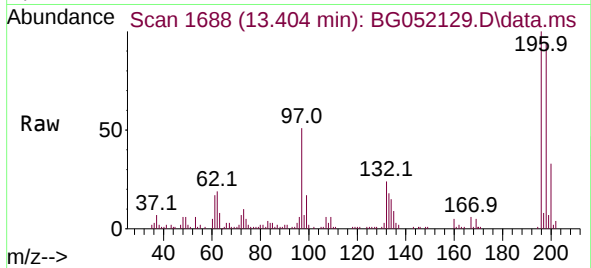
Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.3	111.5
200	30.9	23.8	35.6





#42
2,4,5-Trichlorophenol
Concen: 28.776 ng/ul
RT: 13.404 min Scan# 1688
Delta R.T. 0.005 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

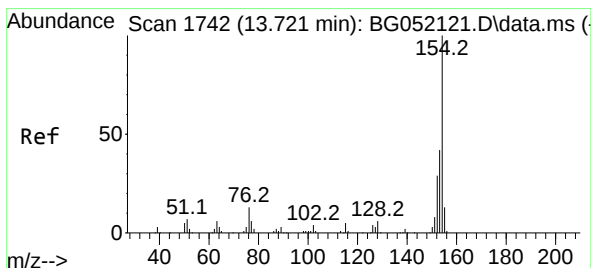
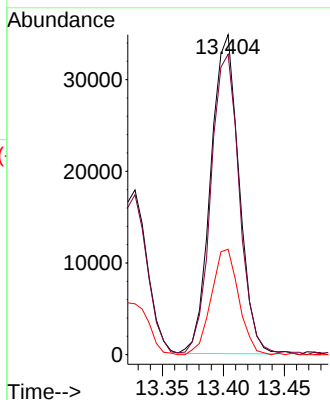
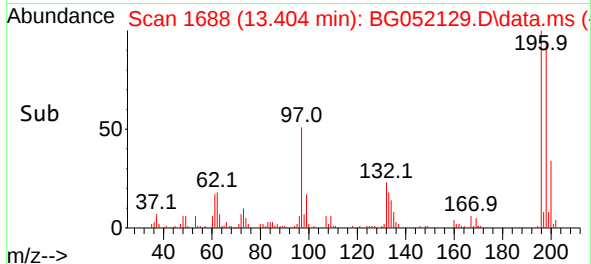
Instrument :
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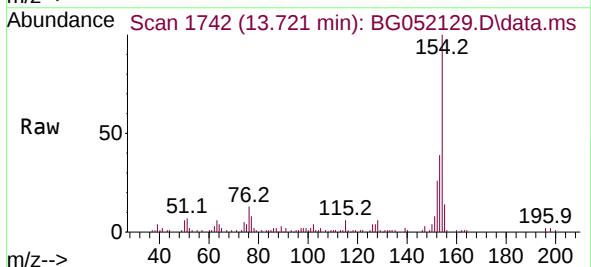
Tgt Ion:196 Resp: 5619
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.4
200 33.0 25.4 38.2

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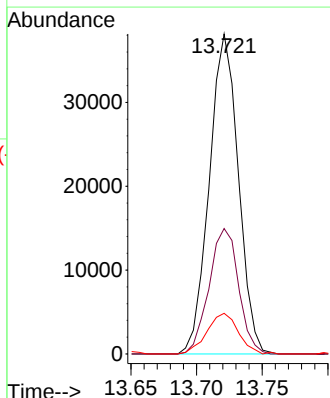
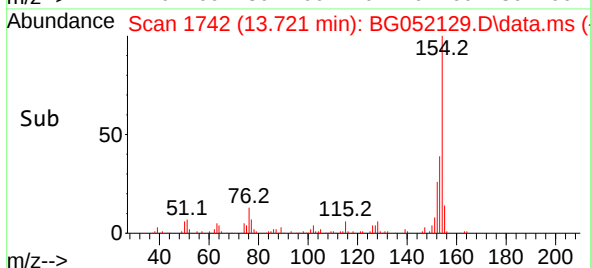
Reviewed By :Jagrut Upadhyay 01/25/2022
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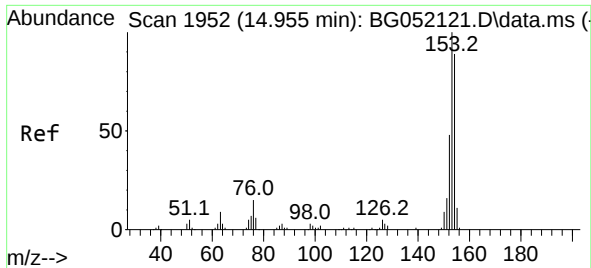


#43
1,1'-Biphenyl
Concen: 9.180 ng/ul
RT: 13.721 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51



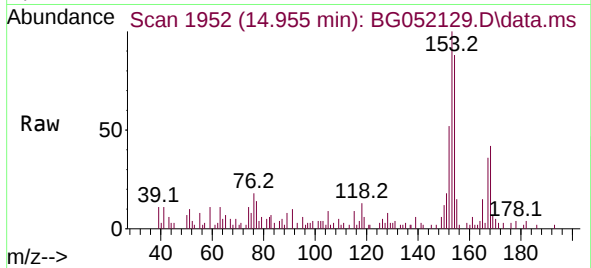
Tgt Ion:154 Resp: 58734
Ion Ratio Lower Upper
154 100
153 39.2 34.5 51.7
76 12.7 13.1 19.7#





#52
Acenaphthene
Concen: 2.893 ng/u1
RT: 14.955 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

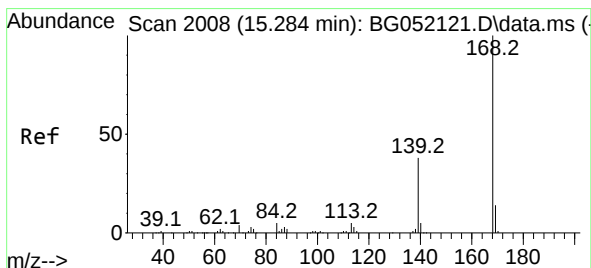
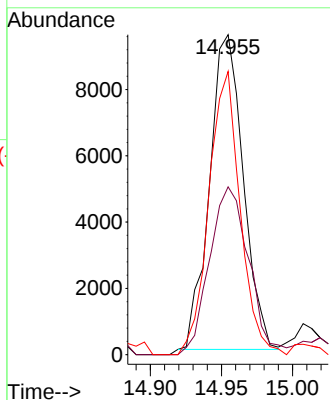
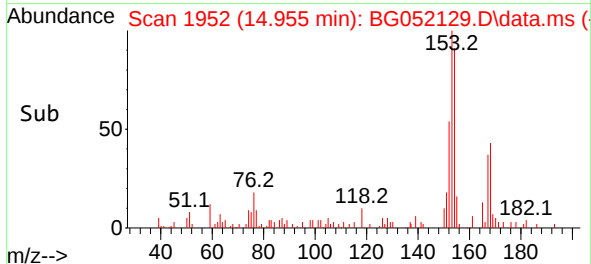
Instrument :
BNA_G
ClientSampleId :
C0Q14



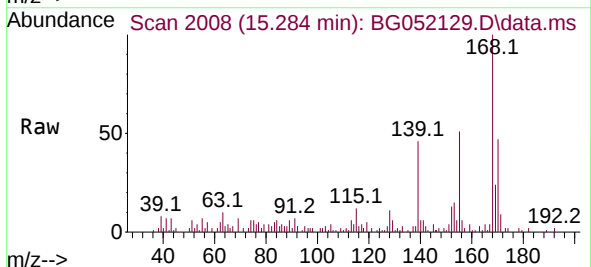
Tgt Ion:153 Resp: 1567
Ion Ratio Lower Upper
153 100
152 52.4 36.5 54.7
154 88.5 65.8 98.6

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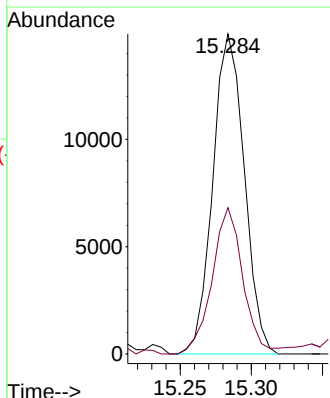
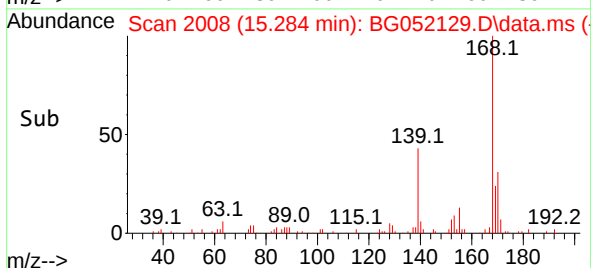
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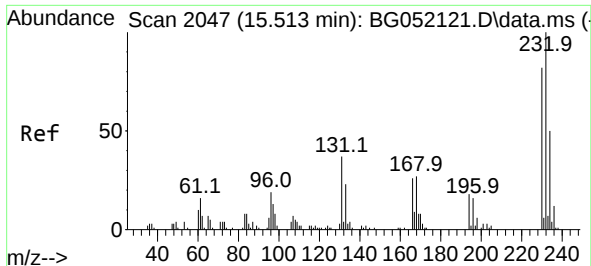


#56
Dibenzofuran
Concen: 2.918 ng/u1
RT: 15.284 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51



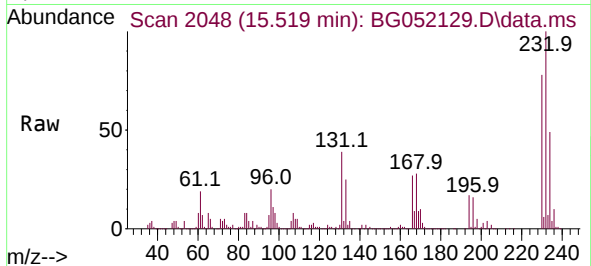
Tgt Ion:168 Resp: 22961
Ion Ratio Lower Upper
168 100
139 45.7 31.2 46.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 247.324 ng/ul m
RT: 15.519 min Scan# 2047
Delta R.T. 0.011 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

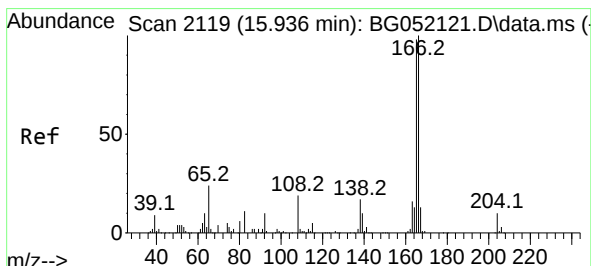
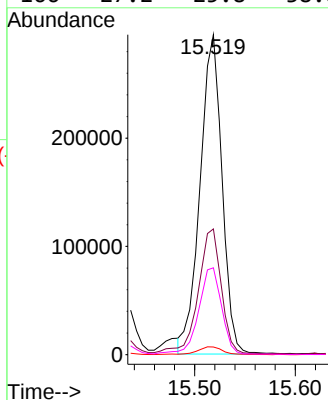
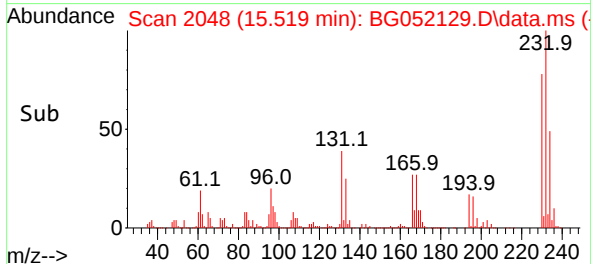
Instrument :
BNA_G
ClientSampleId :
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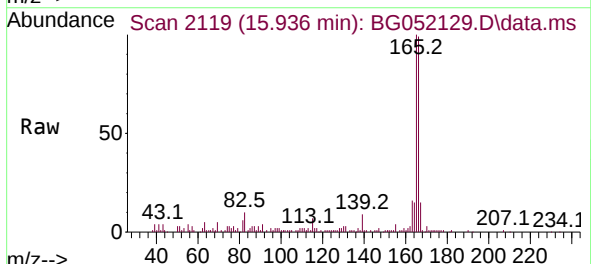
Tgt Ion:232 Resp: 44795
Ion Ratio Lower Upper
232 100
131 39.3 38.9 58.3
130 2.4 2.4 3.6
166 27.2 25.8 38.8

Manual Integrations
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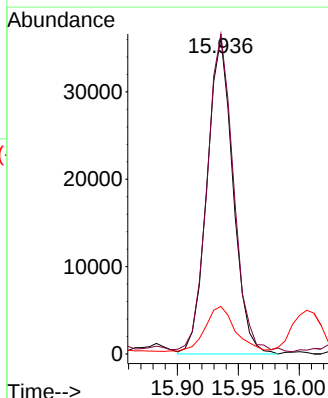
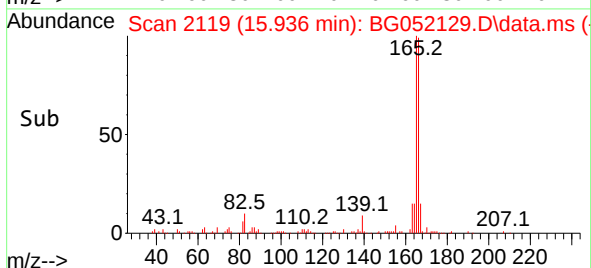
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :mohammad ahmed 01/31/2022

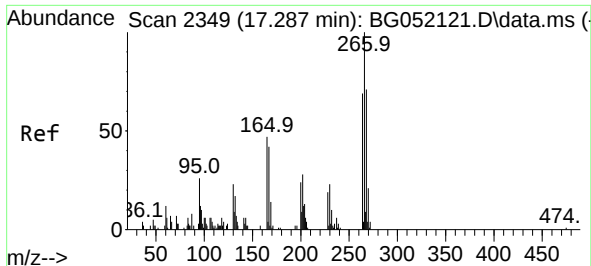


#61
Fluorene
Concen: 8.177 ng/ul
RT: 15.936 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51



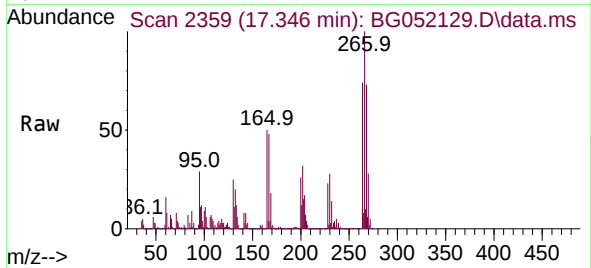
Tgt Ion:166 Resp: 53617
Ion Ratio Lower Upper
166 100
165 101.1 81.0 121.6
167 15.0 11.0 16.4





#71
Pentachlorophenol
Concen: 3675.181 ng/ul
RT: 17.346 min Scan# 21
Delta R.T. 0.058 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

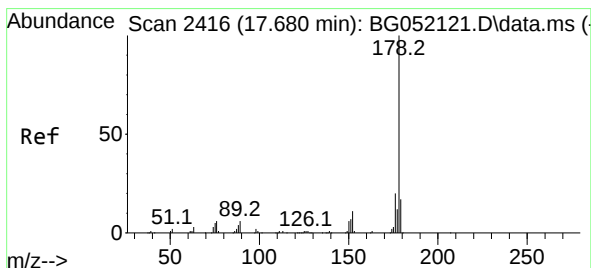
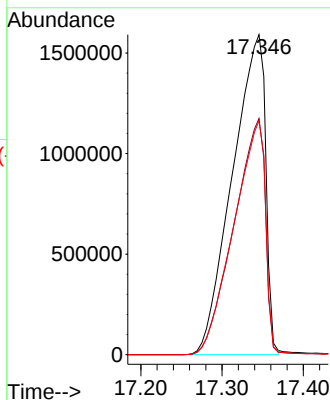
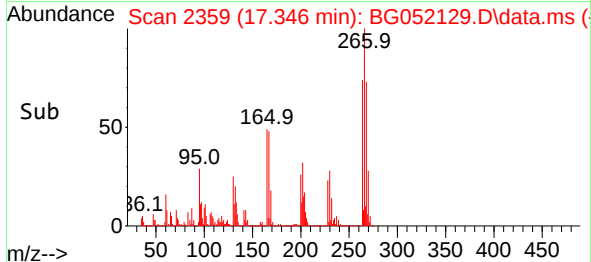
Instrument :
BNA_G
ClientSampleId :
C0Q14



Tgt Ion:266 Resp: 449432
Ion Ratio Lower Upper
266 100
264 73.8 54.3 81.5
268 73.1 51.0 76.6

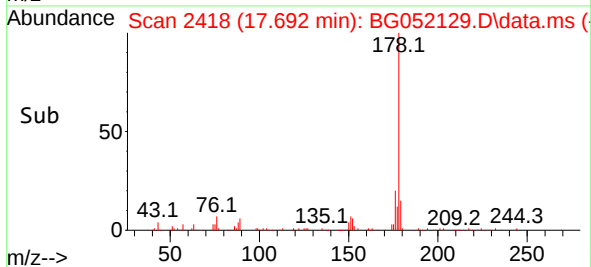
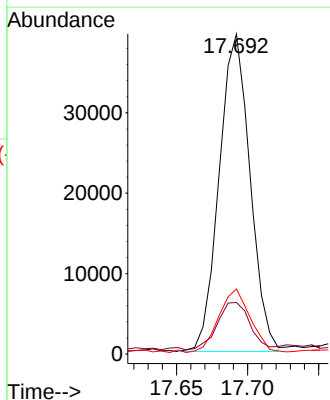
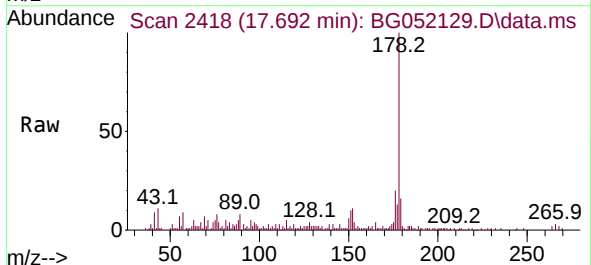
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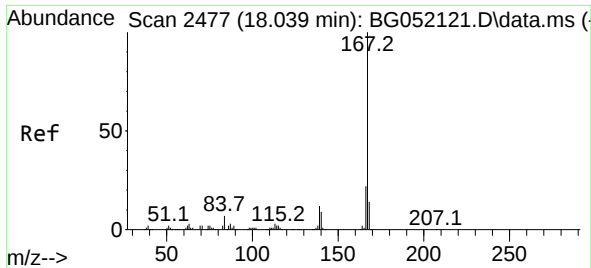
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :mohammad ahmed 01/31/2022



#72
Phenanthrene
Concen: 6.762 ng/ul
RT: 17.692 min Scan# 2418
Delta R.T. 0.011 min
Lab File: BG052129.D
Acq: 24 Jan 2022 16:51

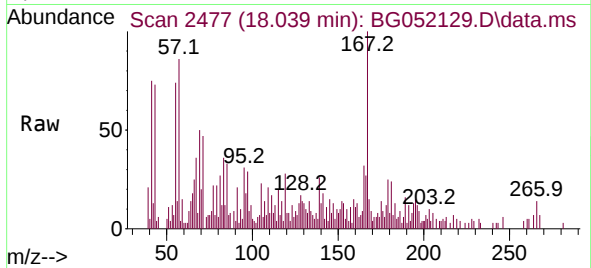
Tgt Ion:178 Resp: 59753
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 20.3 15.5 23.3





#77
 Carbazole
 Concen: 1.002 ng/ul
 RT: 18.039 min Scan# 2477
 Delta R.T. 0.005 min
 Lab File: BG052129.D
 Acq: 24 Jan 2022 16:51

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:167	Resp:	7989
Ion Ratio	Lower	Upper
167	100	
166	26.7	17.3 25.9
139	26.3	10.6 16.0

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 Supervised By :mohammad ahmed 01/31/2022

