

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
 Data File : BG059412.D
 Acq On : 10 Oct 2023 1:25
 Operator : MA/JU
 Sample : 04654-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBBT4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 02:15:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	43992	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	219861	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	139160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.611	188	318160	20.000	ng/u1	0.00
79) Chrysene-d12	21.912	240	276856	20.000	ng/u1	0.00
88) Perylene-d12	25.391	264	321402	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	5064	4.104	ng/uL	0.00
4) Pyridine-d5	3.957	84	51020	14.366	ng/u1	0.00
7) Phenol-d5	7.353	99	46017	9.473	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	103865	37.830	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	110003	32.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	82951	21.918	ng/u1	0.00
21) Nitrobenzene-d5	9.427	128	69484	37.125	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	75031	37.039	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	148488	40.611	ng/u1	0.00
31) 4-Chloroaniline-d4	11.213	131	132063	22.739	ng/u1	0.00
46) Dimethylphthalate-d6	14.257	166	497454	43.633	ng/u1	0.00
49) Acenaphthylene-d8	14.562	160	588124	43.348	ng/u1	0.00
54) 4-Nitrophenol-d4	15.073	143	16191	7.578	ng/u1	0.01
60) Fluorene-d10	15.849	176	462447	42.495	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	84096	40.034	ng/u1	0.00
73) Anthracene-d10	17.711	188	695015	44.531	ng/u1	0.00
81) Pyrene-d10	19.985	212	771358	45.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.156	264	782832	46.286	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.569	88	3223m	2.447	ng/uL	
13) 2-Methylphenol	8.663	108	10920m	3.042	ng/u1	
30) Naphthalene	11.119	128	13894	1.093	ng/u1	97
36) 2-Methylnaphthalene	12.711	142	8983m	1.060	ng/u1	
37) 1-Methylnaphthalene	12.923	142	9409	1.069	ng/u1#	96
39) 1,2,4,5-Tetrachloroben...	13.046	216	14456	3.487	ng/u1#	82
43) 1,1'-Biphenyl	13.698	154	45524	3.975	ng/u1	98
59) Diethylphthalate	15.649	149	20336	1.784	ng/u1	97
71) Pentachlorophenol	17.241	266	25361	11.315	ng/u1#	88

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

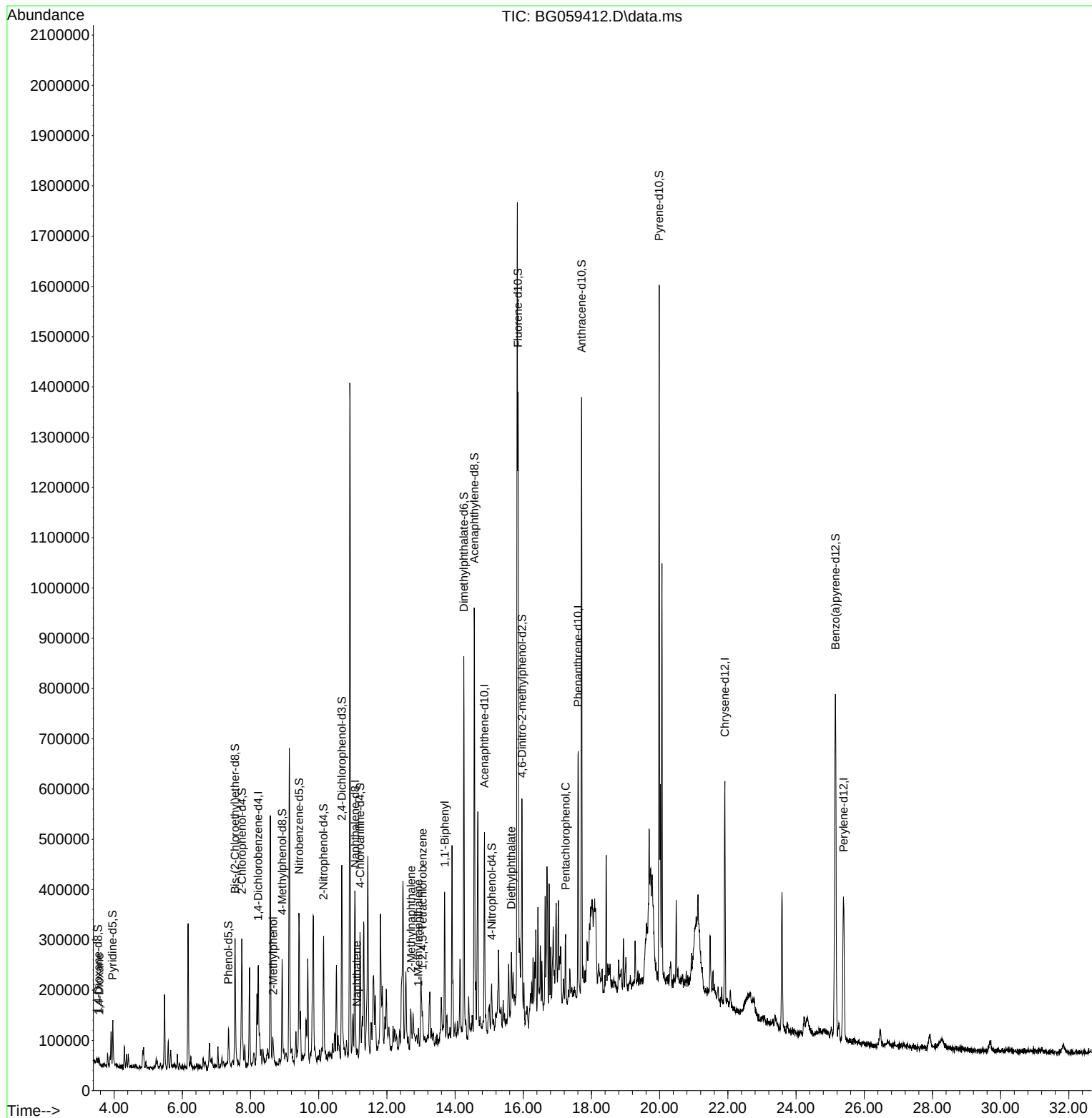
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
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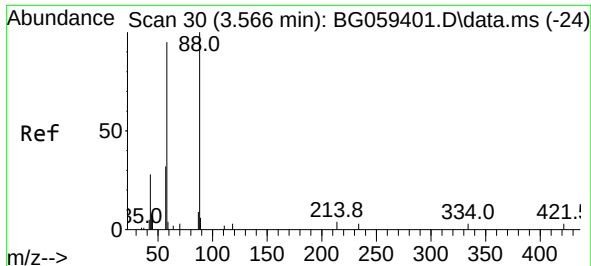
Instrument :
BNA_G
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BBBT4

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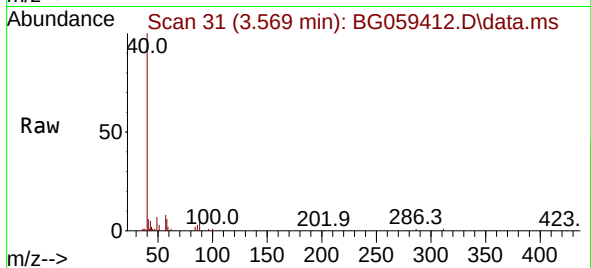
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.447 ng/uL m
RT: 3.569 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

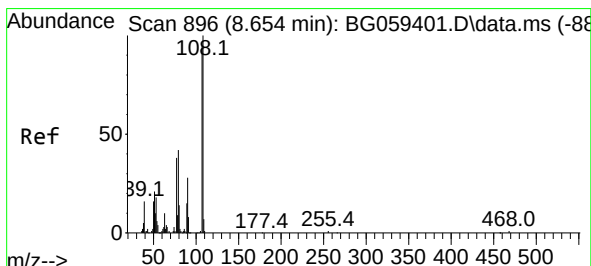
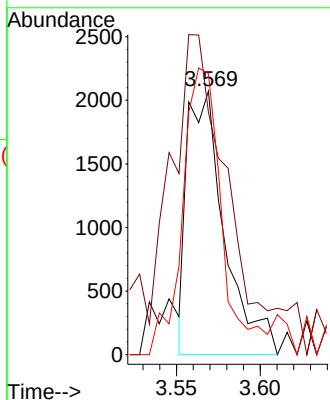
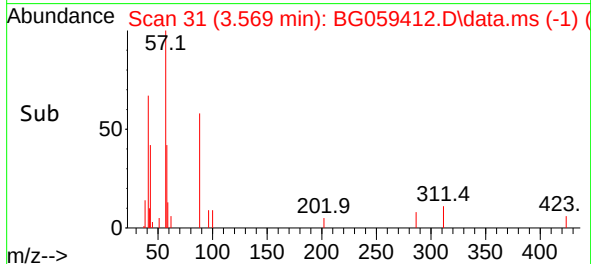
Instrument :
BNA_G
ClientSampleId :
BBBT4



Tgt Ion: 88 Resp: 322
Ion Ratio Lower Upper
88 100
43 92.0 25.4 38.0
58 106.7 84.6 127.0

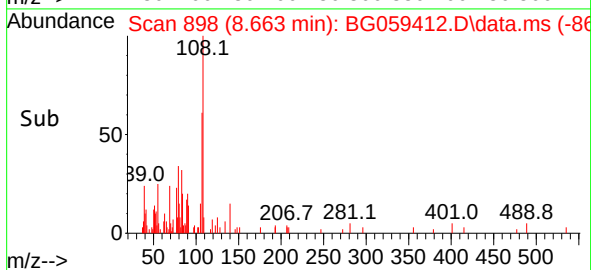
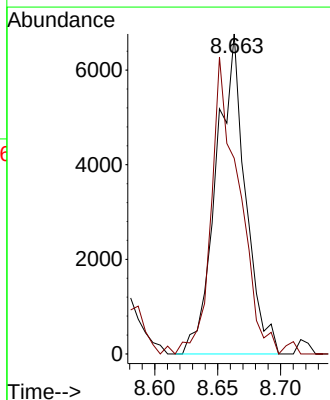
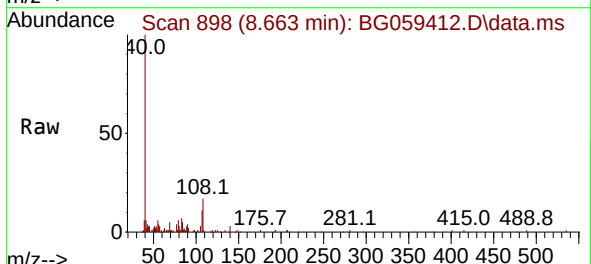
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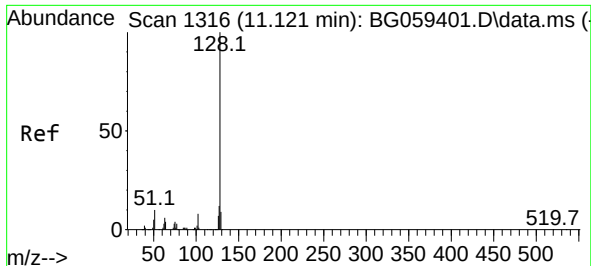
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#13
2-Methylphenol
Concen: 3.042 ng/uL m
RT: 8.663 min Scan# 898
Delta R.T. 0.008 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

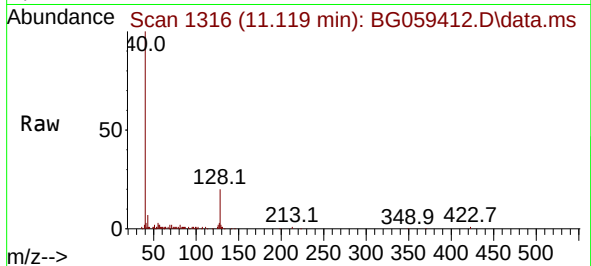
Tgt Ion:108 Resp: 10920
Ion Ratio Lower Upper
108 100
107 61.2 64.7 97.1#





#30
Naphthalene
Concen: 1.093 ng/ul
RT: 11.119 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

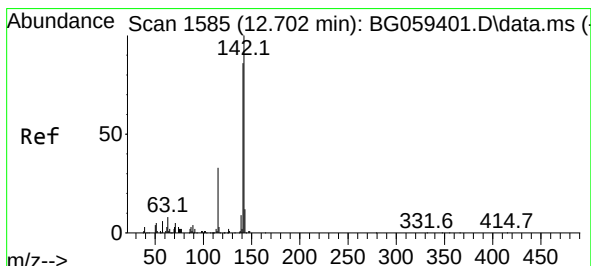
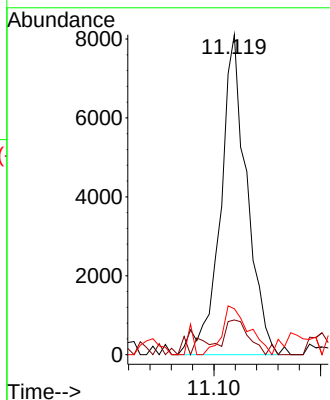
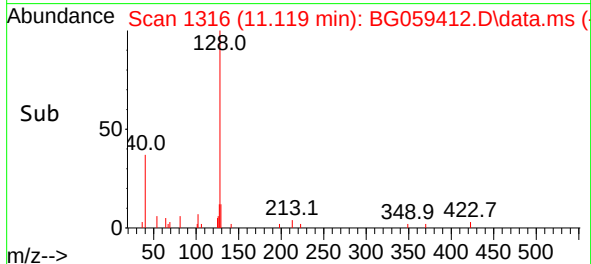
Instrument :
BNA_G
ClientSampleId :
BBBT4



Tgt Ion:128 Resp: 13894
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 14.4 10.4 15.6

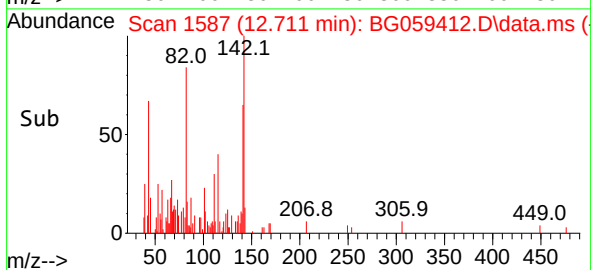
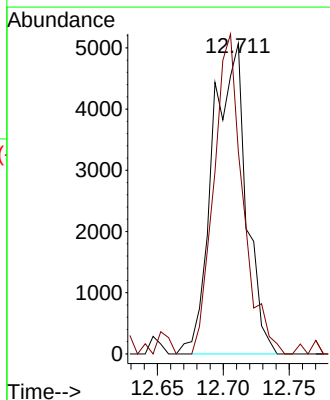
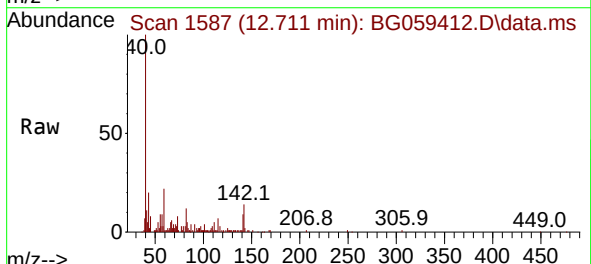
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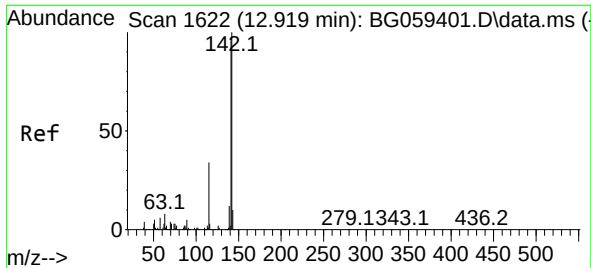
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#36
2-Methylnaphthalene
Concen: 1.060 ng/ul m
RT: 12.711 min Scan# 1587
Delta R.T. 0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

Tgt Ion:142 Resp: 8983
Ion Ratio Lower Upper
142 100
141 65.1 77.8 116.6#





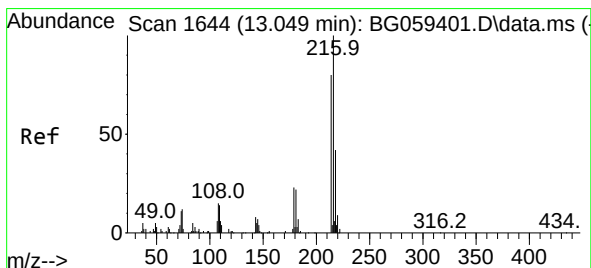
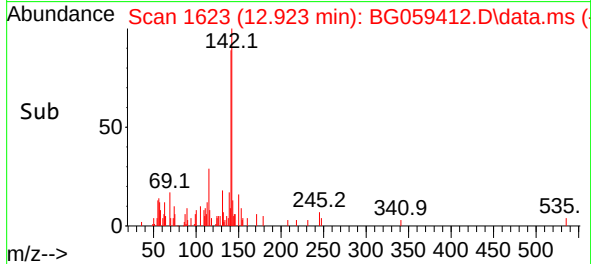
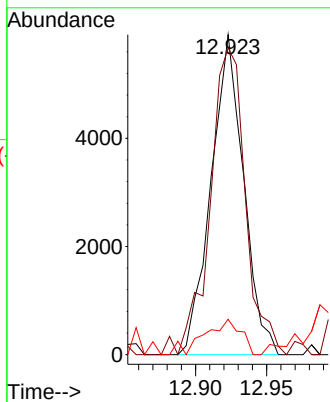
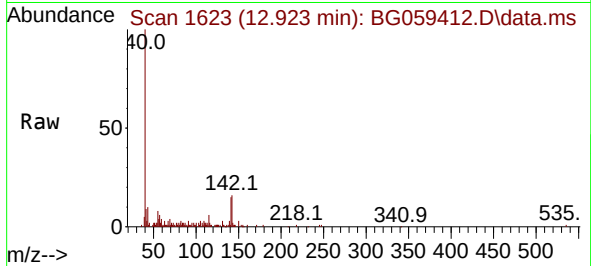
#37
1-Methylnaphthalene
Concen: 1.069 ng/ul
RT: 12.923 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

Instrument :
BNA_G
ClientSampleId :
BBBT4

Tgt Ion:142 Resp: 9409
Ion Ratio Lower Upper
142 100
141 95.9 74.3 111.5
116 11.0 2.9 4.3

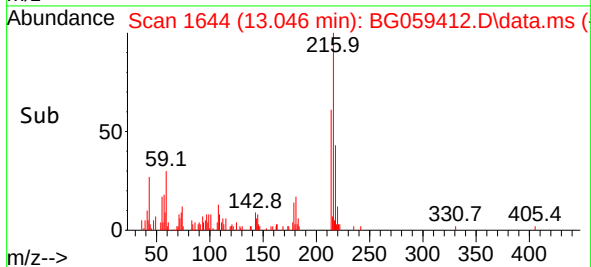
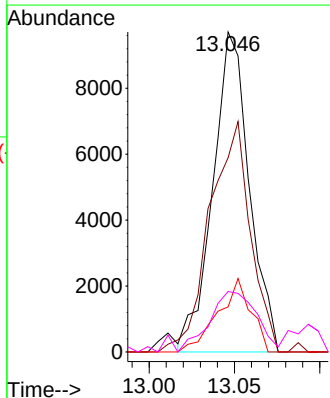
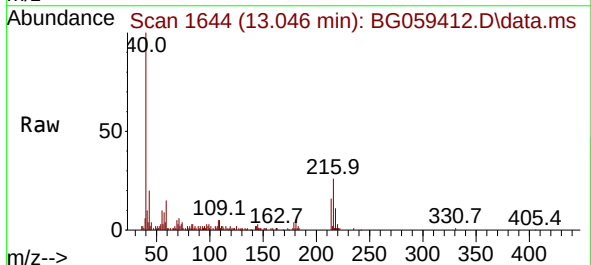
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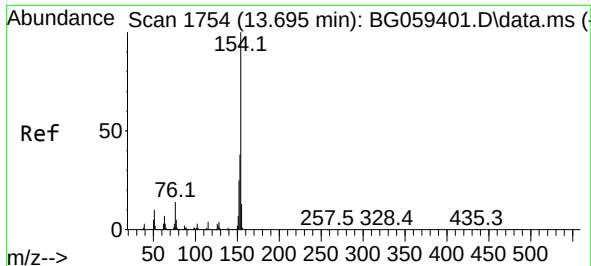
Reviewed By :Yogesh Patel 10/11/2023
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.487 ng/ul
RT: 13.046 min Scan# 1644
Delta R.T. -0.009 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

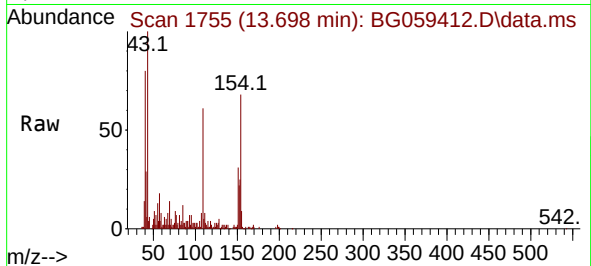
Tgt Ion:216 Resp: 14456
Ion Ratio Lower Upper
216 100
214 60.7 63.0 94.6#
179 14.1 15.0 22.6#
108 18.9 10.4 15.6#





#43
1,1'-Biphenyl
Concen: 3.975 ng/ul
RT: 13.698 min Scan# 1754
Delta R.T. -0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

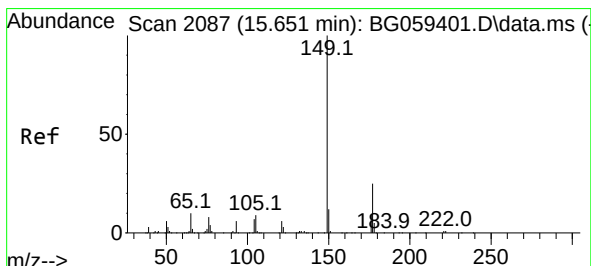
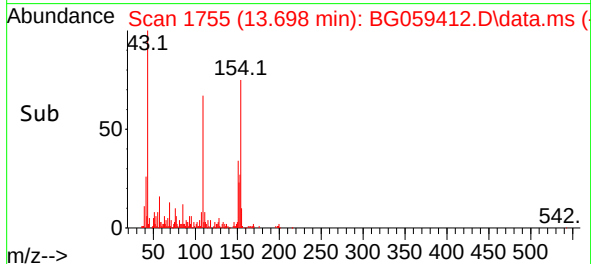
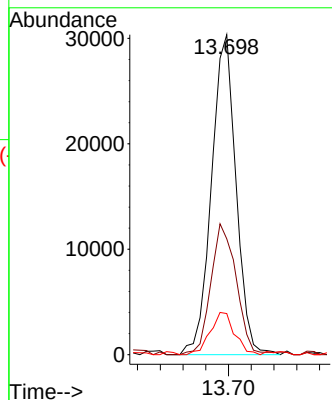
Instrument :
BNA_G
ClientSampleId :
BBBT4



Tgt Ion:154 Resp: 45524
Ion Ratio Lower Upper
154 100
153 36.2 30.1 45.1
76 12.8 10.3 15.5

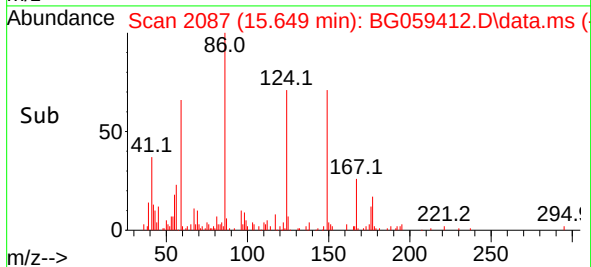
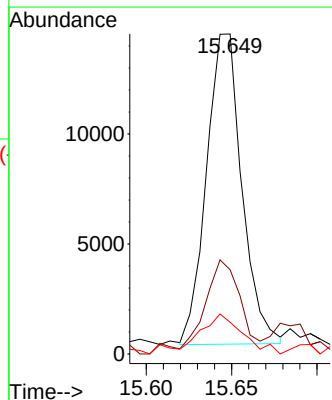
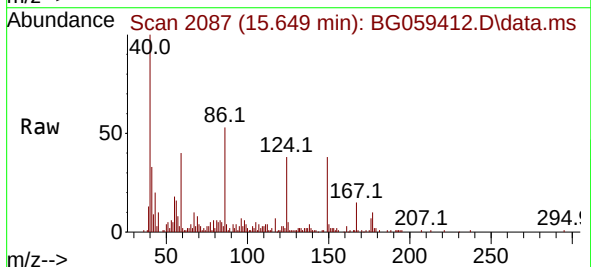
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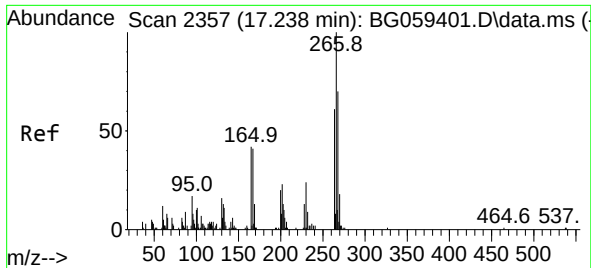
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#59
Diethylphthalate
Concen: 1.784 ng/ul
RT: 15.649 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG059412.D
Acq: 10 Oct 2023 1:25

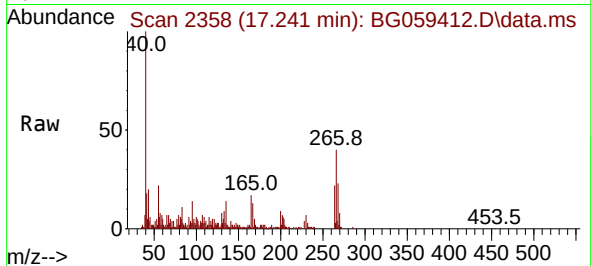
Tgt Ion:149 Resp: 20336
Ion Ratio Lower Upper
149 100
177 26.3 20.1 30.1
150 9.9 9.4 14.2





#71
 Pentachlorophenol
 Concen: 11.315 ng/ul
 RT: 17.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059412.D
 Acq: 10 Oct 2023 1:25

Instrument :
 BNA_G
 ClientSampleId :
 BBBT4



Tgt Ion:266 Resp: 2536
 Ion Ratio Lower Upper
 266 100
 264 54.6 55.0 82.6
 268 56.6 48.5 72.7

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