

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059748.D
 Acq On : 18 Nov 2023 3:04
 Operator : MA/JU
 Sample : 05331-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 18 04:28:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	16656	20.000	ng	# 0.00
21) Naphthalene-d8	11.196	136	73687	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	67513	20.000	ng	# 0.00
64) Phenanthrene-d10	17.718	188	137543	20.000	ng	0.00
76) Chrysene-d12	22.042	240	135301	20.000	ng	# 0.00
86) Perylene-d12	25.620	264	156231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	72249	73.010	ng	0.02
7) Phenol-d6	7.465	99	69953	47.702	ng	0.00
23) Nitrobenzene-d5	9.545	82	224650	116.436	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	133156	173.829	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	456484	91.012	ng	0.00
79) Terphenyl-d14	20.297	244	962058	104.969	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.087	107	11653	7.540	ng	# 74
22) Acetophenone	9.175	105	9502	4.555	ng	# 95
27) 2,4-Dimethylphenol	10.320	122	18869	14.245	ng	85
31) Naphthalene	11.255	128	2284487	616.549	ng	# 96
37) 2-Methylnaphthalene	12.823	142	360294	115.452	ng	# 89
38) 1-Methylnaphthalene	13.035	142	194115m	67.450	ng	

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

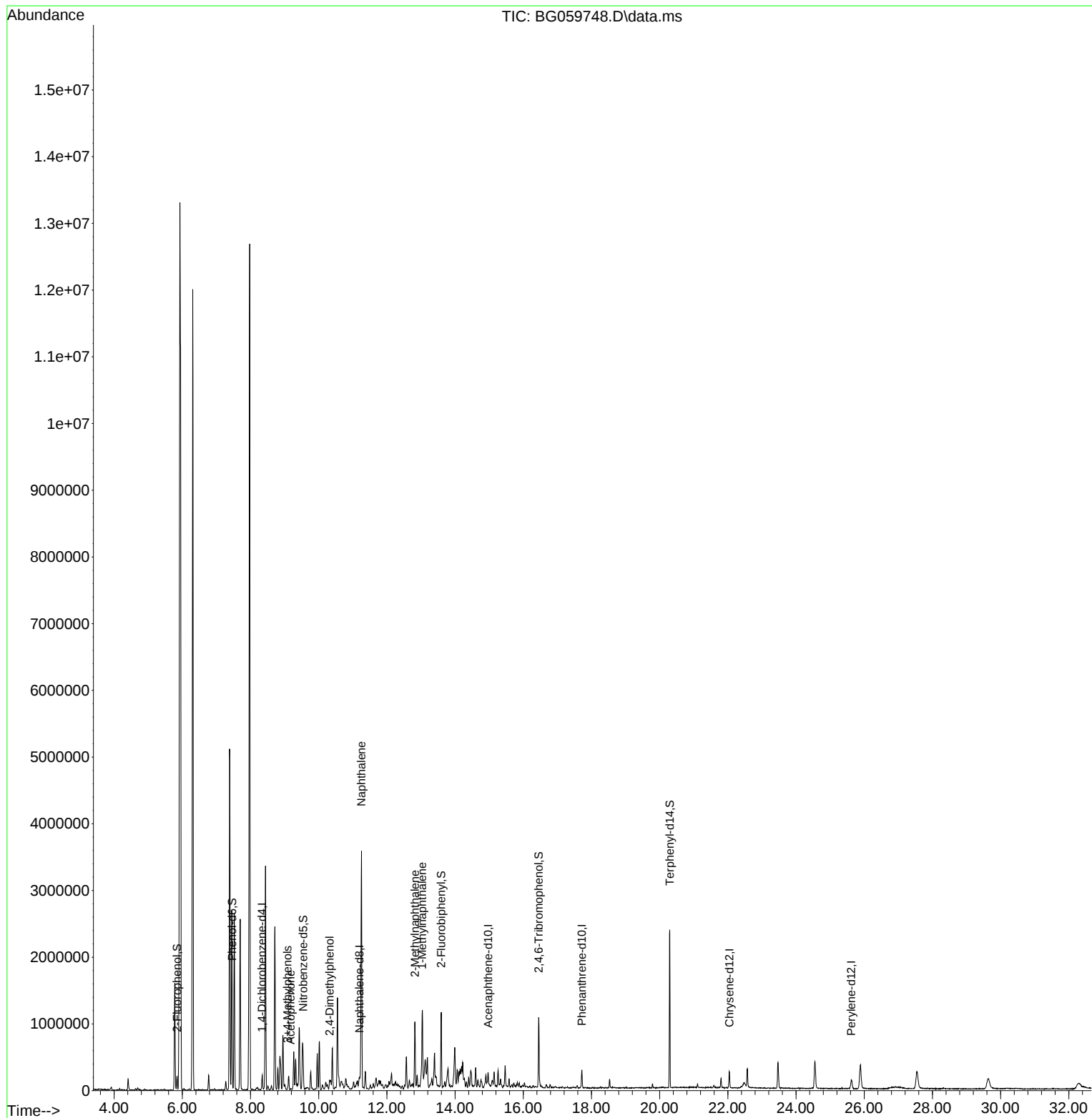
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059748.D
Acq On : 18 Nov 2023 3:04
Operator : MA/JU
Sample : 05331-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

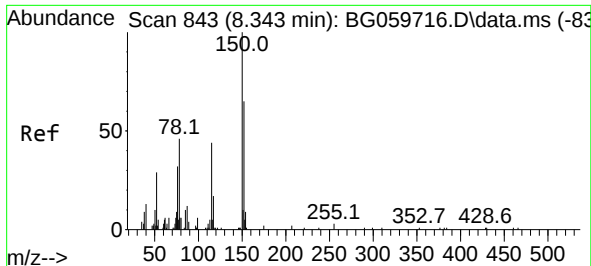
Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Time: Nov 18 04:28:22 2023
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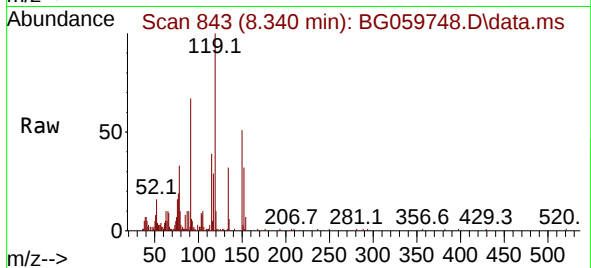
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Instrument :

BNA_G

ClientSampleId :

MW-08



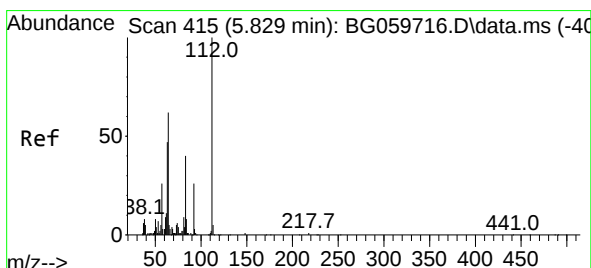
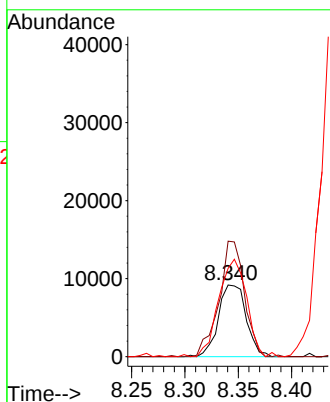
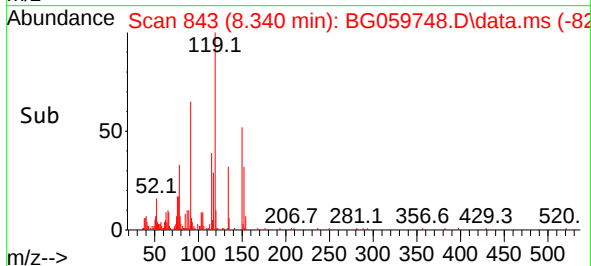
Tgt Ion:152 Resp: 16650
Ion Ratio Lower Upper
152 100
150 161.3 122.2 183.4
115 123.4 54.2 81.4

Manual Integrations

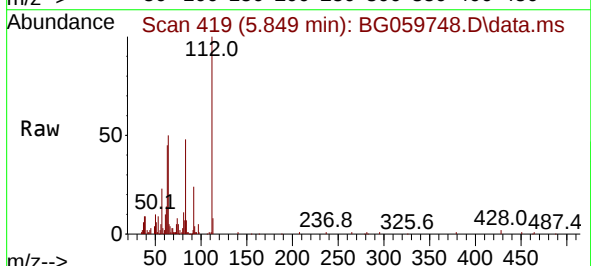
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

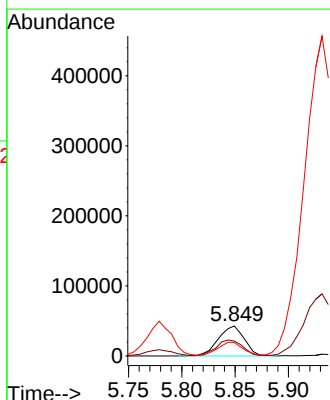
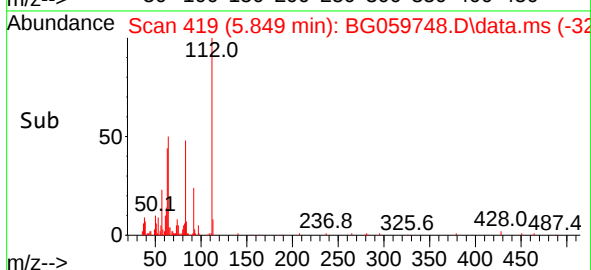
Supervised By :mohammad ahmed 11/21/2023



#5
2-Fluorophenol
Concen: 73.010 ng
RT: 5.849 min Scan# 419
Delta R.T. 0.021 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04



Tgt Ion:112 Resp: 72249
Ion Ratio Lower Upper
112 100
64 49.6 49.5 74.3
63 45.2 37.4 56.2





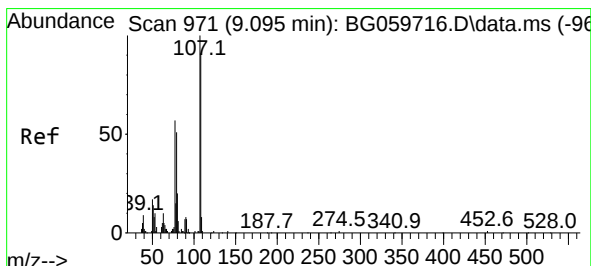
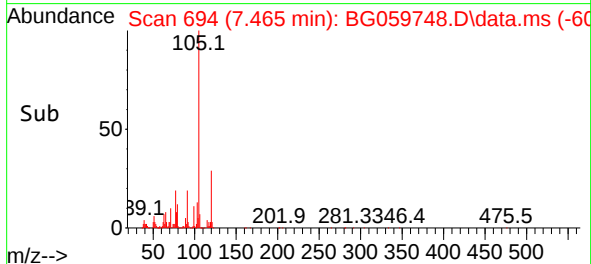
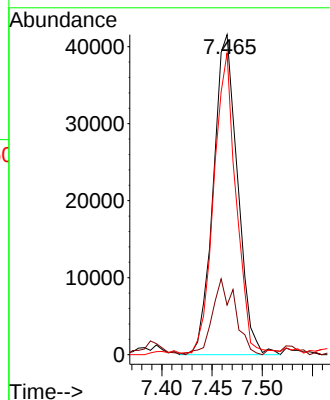
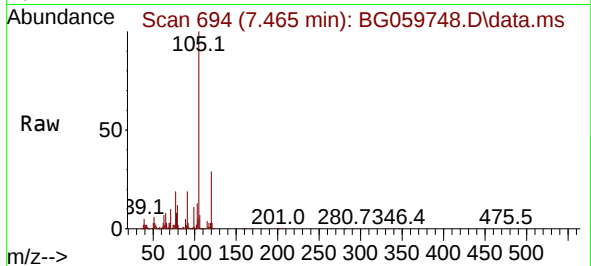
#7
Phenol-d6
Concen: 47.702 ng
RT: 7.465 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 6995
Ion Ratio Lower Upper
99 100
42 15.5 14.3 21.5
71 94.2 59.3 88.9

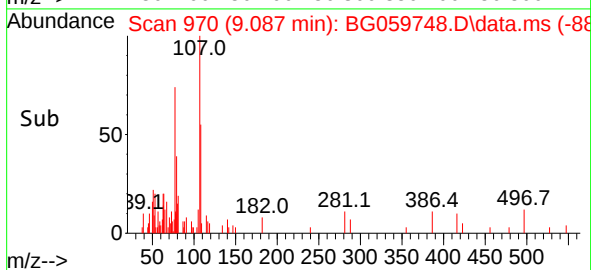
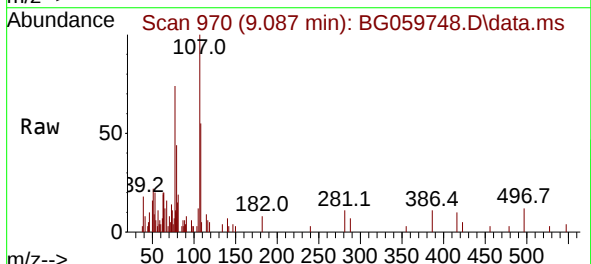
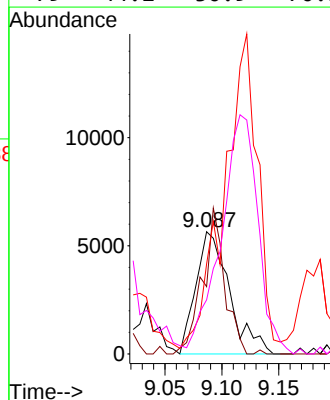
Manual Integrations
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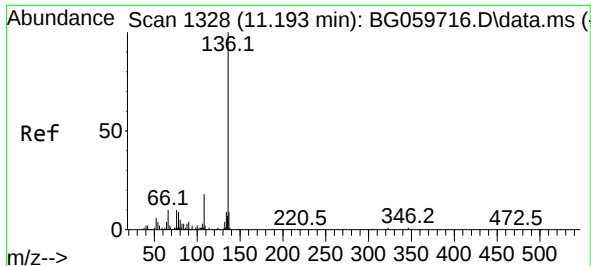
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#20
3+4-Methylphenols
Concen: 7.540 ng
RT: 9.087 min Scan# 970
Delta R.T. -0.009 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

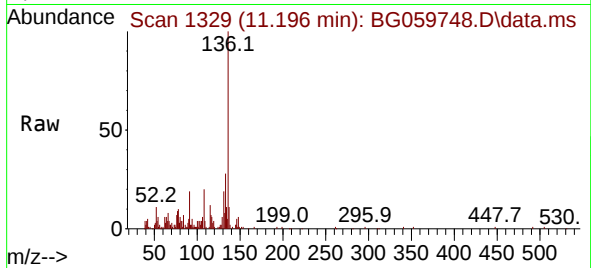
Tgt Ion:107 Resp: 11653
Ion Ratio Lower Upper
107 100
108 55.2 71.1 111.1#
77 73.6 37.5 77.5
79 44.2 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

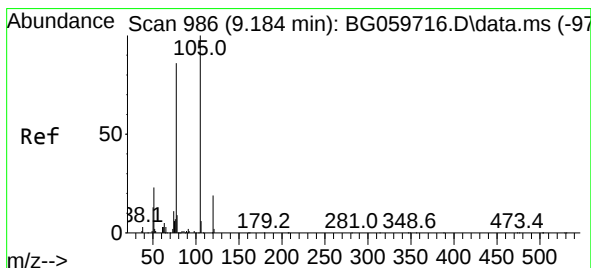
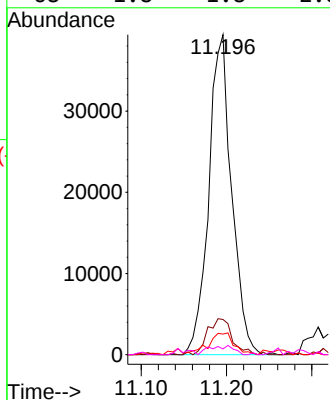
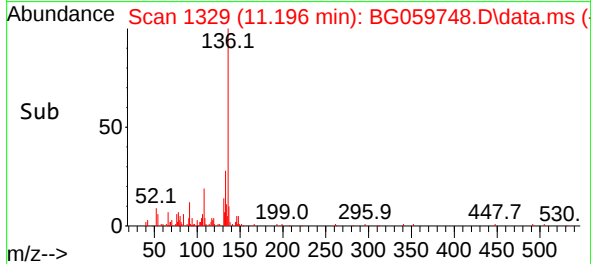
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:	136	Resp:	7368
Ion Ratio	Lower	Upper	
136	100		
137	11.0	7.4	11.0
54	6.5	3.1	4.7
68	1.8	1.8	2.8

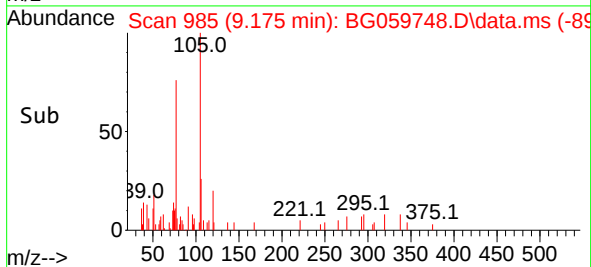
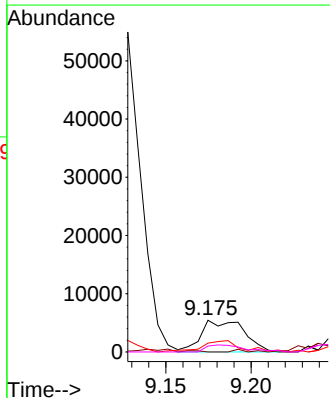
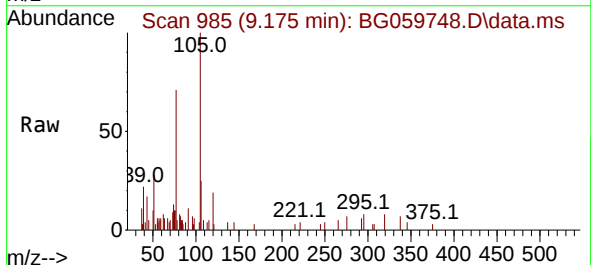
Manual Integrations
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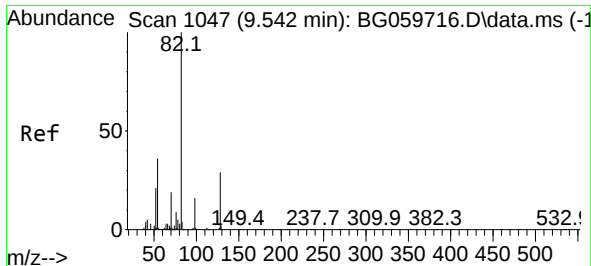
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#22
Acetophenone
Concen: 4.555 ng
RT: 9.175 min Scan# 985
Delta R.T. -0.009 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

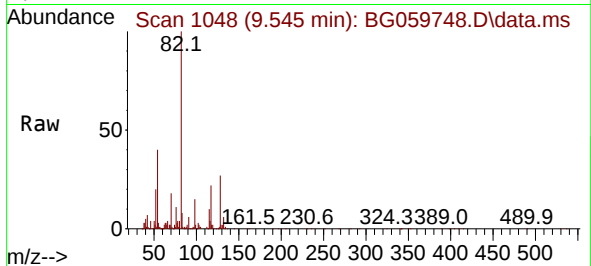
Tgt Ion:	105	Resp:	9502
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	27.8	18.4	27.6
120	18.8	15.0	22.6





#23
Nitrobenzene-d5
Concen: 116.436 ng
RT: 9.545 min Scan# 1180
Delta R.T. 0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

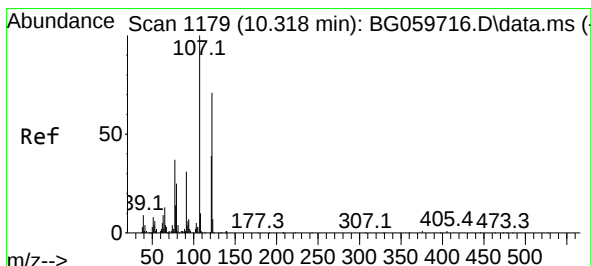
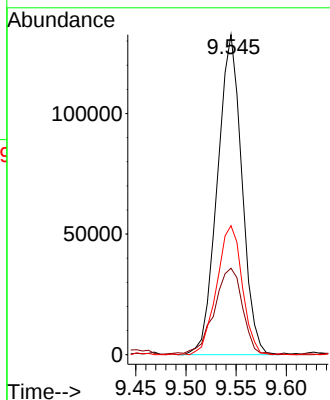
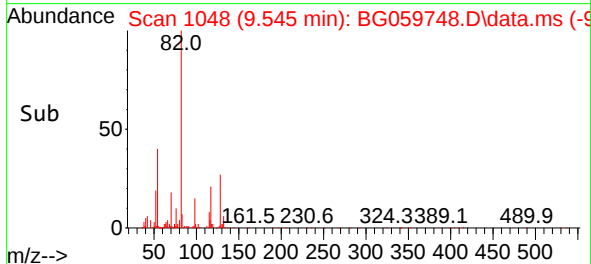
Instrument :
BNA_G
ClientSampleId :
MW-08



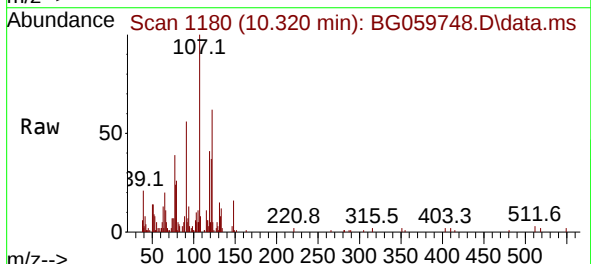
Tgt Ion: 82 Resp: 224650
Ion Ratio Lower Upper
82 100
128 27.0 23.0 34.6
54 40.3 28.7 43.1

Manual Integrations
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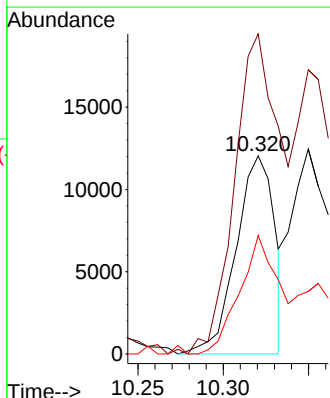
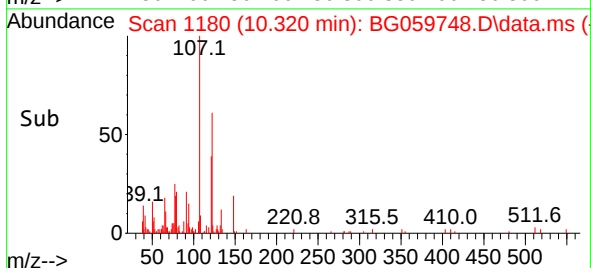
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

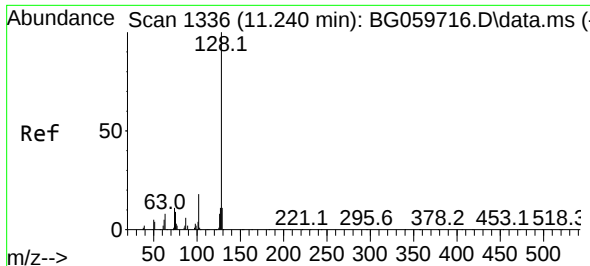


#27
2,4-Dimethylphenol
Concen: 14.245 ng
RT: 10.320 min Scan# 1180
Delta R.T. 0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04



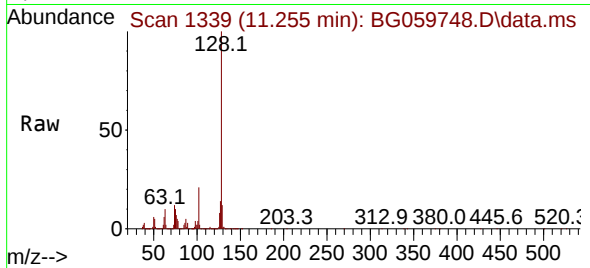
Tgt Ion:122 Resp: 18869
Ion Ratio Lower Upper
122 100
107 161.5 112.1 168.1
121 59.7 43.2 64.8





#31
Naphthalene
Concen: 616.549 ng
RT: 11.255 min Scan# 11
Delta R.T. 0.015 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

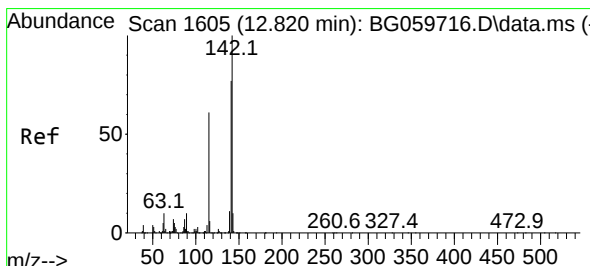
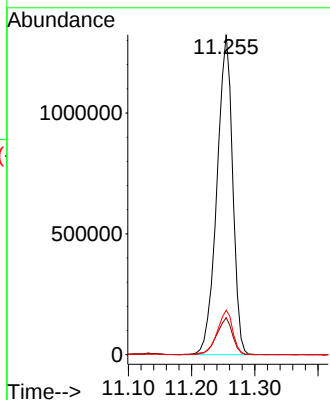
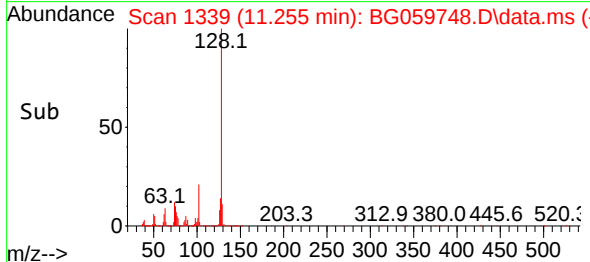
Instrument :
BNA_G
ClientSampleId :
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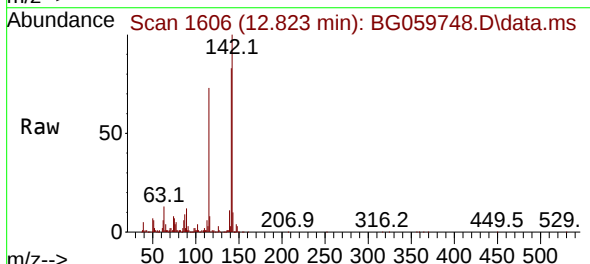
Tgt Ion:128 Resp: 228448
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.9 9.2 13.8

Manual Integrations
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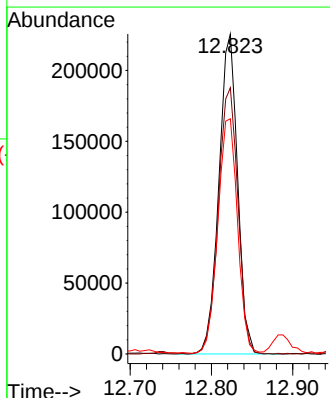
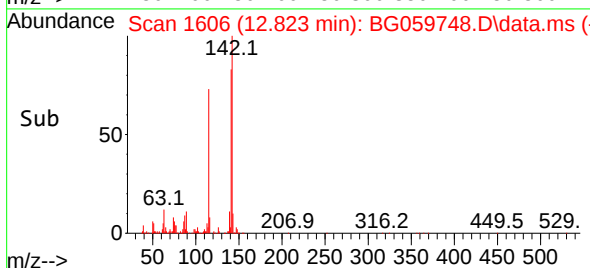
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

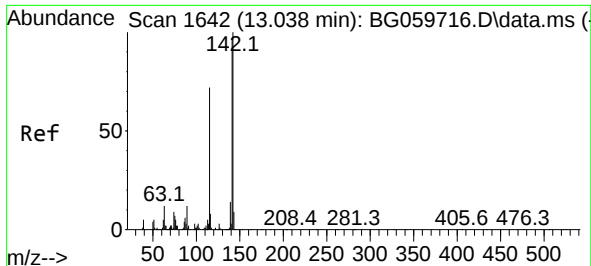


#37
2-Methylnaphthalene
Concen: 115.452 ng
RT: 12.823 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04



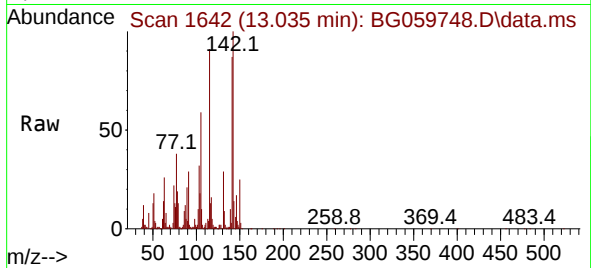
Tgt Ion:142 Resp: 360294
Ion Ratio Lower Upper
142 100
141 83.2 61.9 92.9
115 73.5 49.0 73.4





#38
1-Methylnaphthalene
Concen: 67.450 ng m
RT: 13.035 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

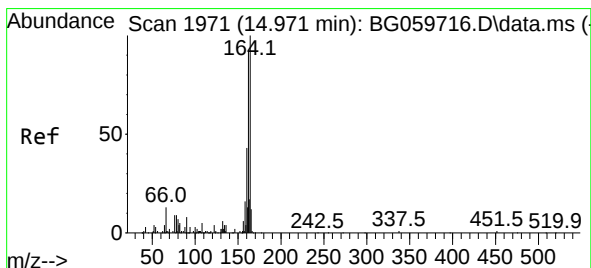
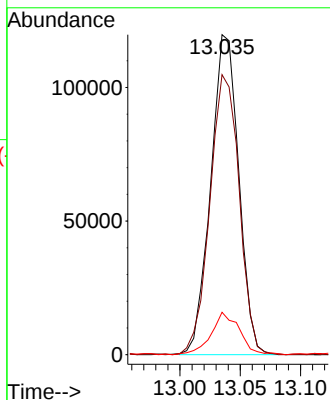
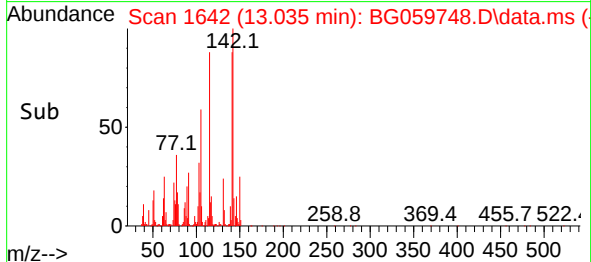
Instrument :
BNA_G
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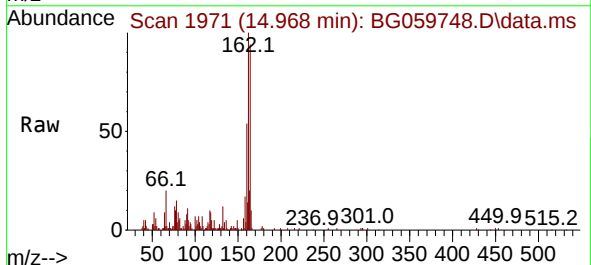
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Ion Ratio Lower Upper
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141 87.5 77.8 116.8
116 13.3 6.2 9.2

Manual Integrations
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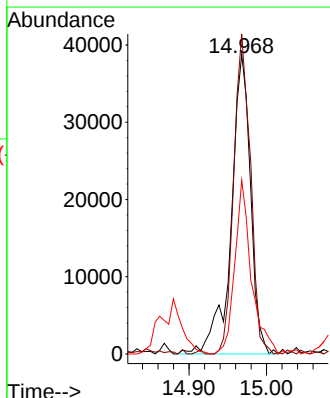
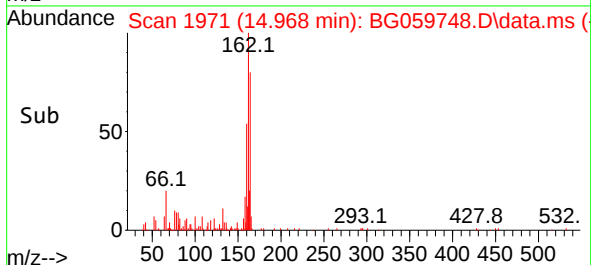
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

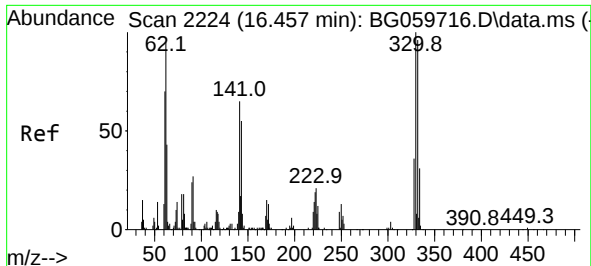


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04



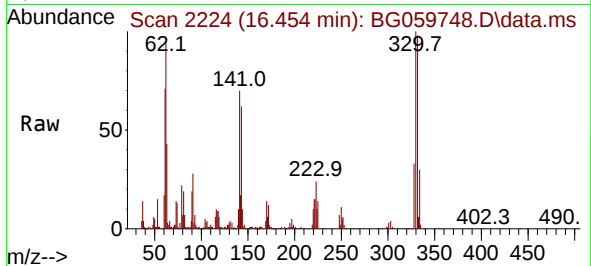
Tgt Ion:164 Resp: 67513
Ion Ratio Lower Upper
164 100
162 106.8 73.3 109.9
160 58.0 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 173.829 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

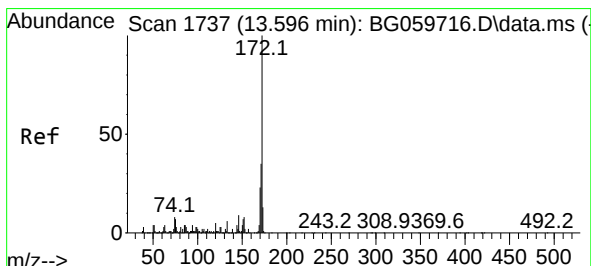
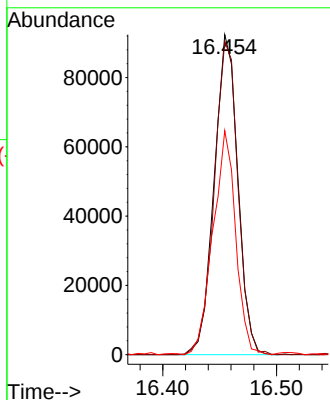
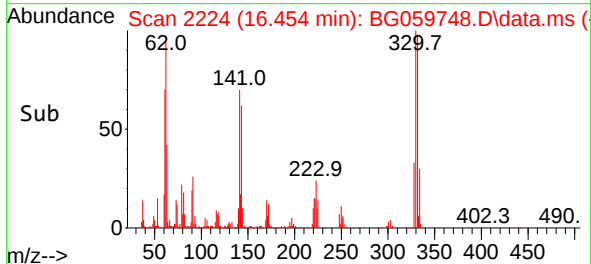
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:330 Resp: 133150
Ion Ratio Lower Upper
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332 98.5 73.3 109.9
141 67.5 52.1 78.1

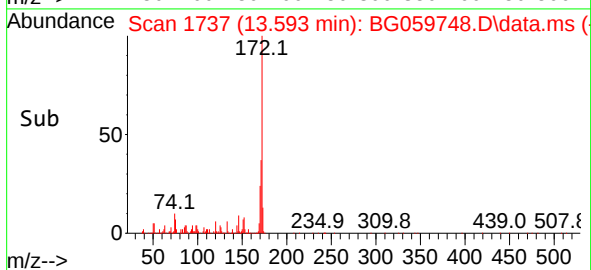
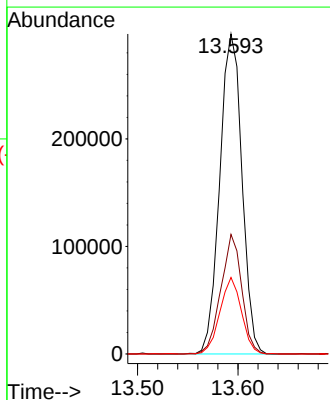
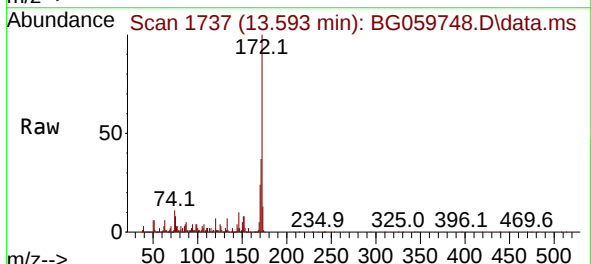
Manual Integrations
APPROVED

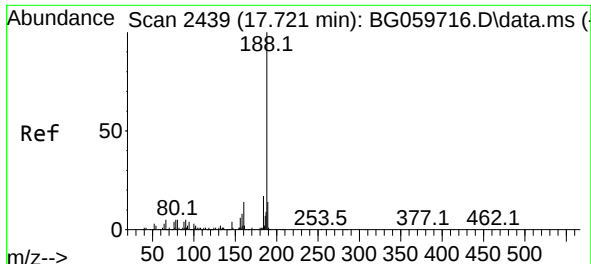
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#45
2-Fluorobiphenyl
Concen: 91.012 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Tgt Ion:172 Resp: 456484
Ion Ratio Lower Upper
172 100
171 37.4 27.7 41.5
170 23.9 18.4 27.6





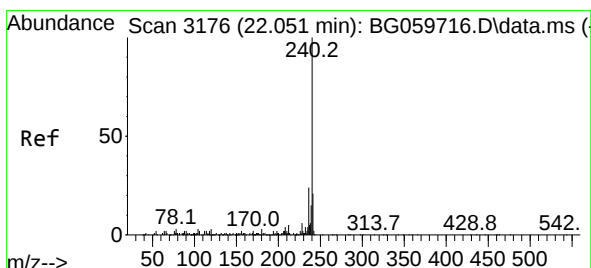
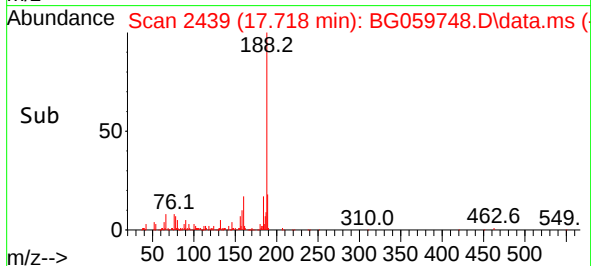
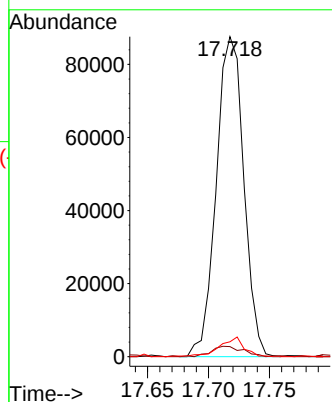
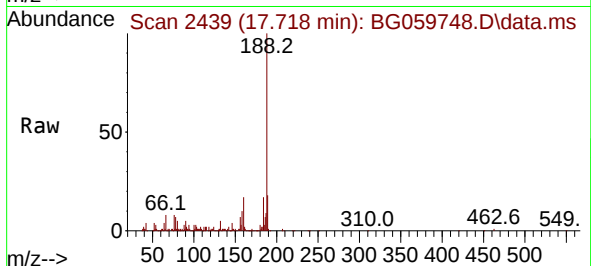
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:188 Resp: 13754
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.4
80 4.6 4.2 6.4

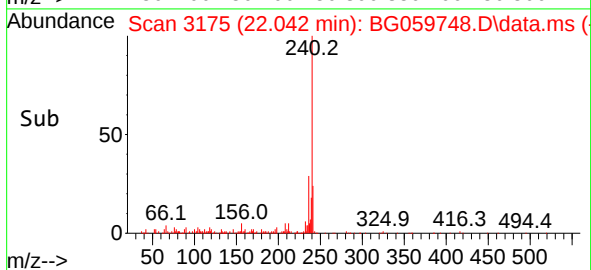
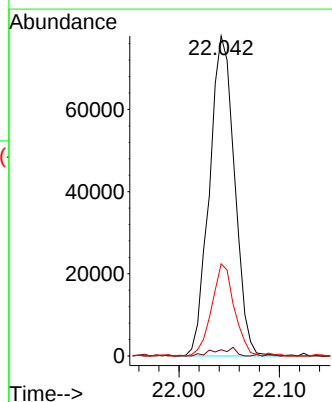
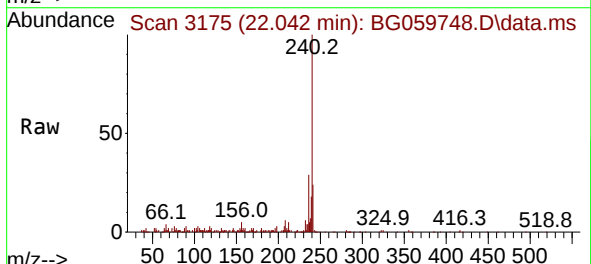
Manual Integrations
APPROVED

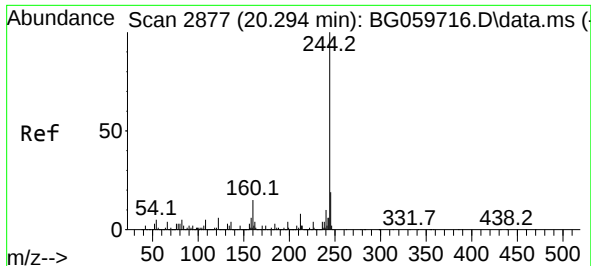
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Tgt Ion:240 Resp: 135301
Ion Ratio Lower Upper
240 100
120 2.0 2.2 3.2#
236 28.8 19.4 29.2





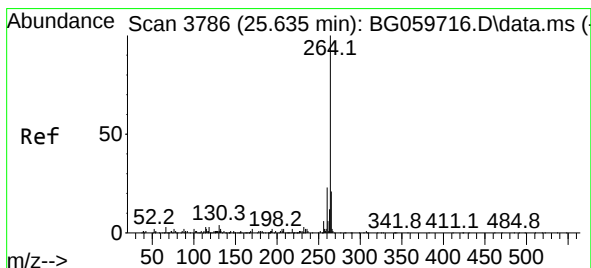
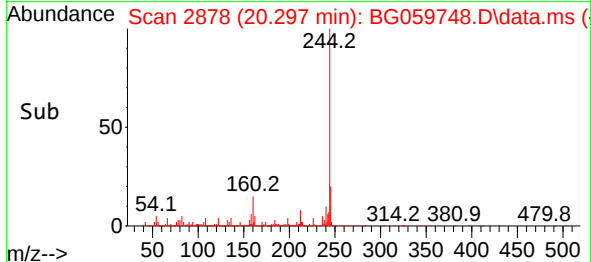
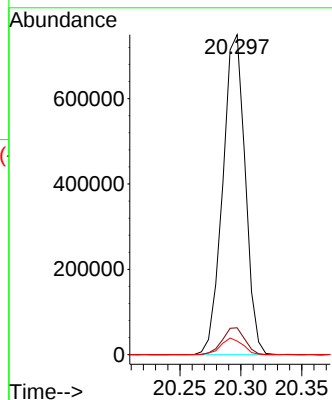
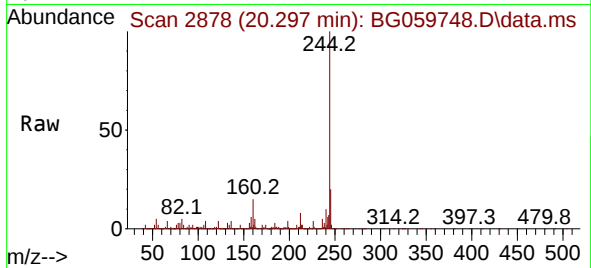
#79
Terphenyl-d14
Concen: 104.969 ng
RT: 20.297 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:244 Resp: 962058
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 4.2 4.4 6.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.620 min Scan# 3784
Delta R.T. -0.015 min
Lab File: BG059748.D
Acq: 18 Nov 2023 3:04

Tgt Ion:264 Resp: 156231
Ion Ratio Lower Upper
264 100
260 25.1 18.5 27.7
265 18.9 17.0 25.6

