

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058710.D
 Acq On : 11 Aug 2023 20:06
 Operator : MA/JU
 Sample : 03961-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20071

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 23:03:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	63375	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	235819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.495	164	92265	20.000	ng	# 0.03
64) Phenanthrene-d10	17.344	188	65217m	20.000	ng	0.14
76) Chrysene-d12	21.569	240	141960	20.000	ng	# 0.12
86) Perylene-d12	24.594	264	298060	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	166425	40.138	ng	0.00
7) Phenol-d6	6.986	99	288777	50.052	ng	0.00
23) Nitrobenzene-d5	8.977	82	213078	44.388	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	52383	34.638	ng	0.08
45) 2-Fluorobiphenyl	13.084	172	385337	62.587	ng	0.00
79) Terphenyl-d14	19.976	244	190104	25.183	ng	0.15
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.279	142	66653	7.497	ng	# 94
38) 1-Methylnaphthalene	12.503	142	62836	7.435	ng	# 94
46) 1,1'-Biphenyl	13.302	154	45755	7.221	ng	90
58) Fluorene	15.576	166	111930	17.156	ng	# 41
71) Phenanthrene	17.391	178	398155m	128.733	ng	
83) Chrysene	21.592	228	38509	4.111	ng	# 18

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

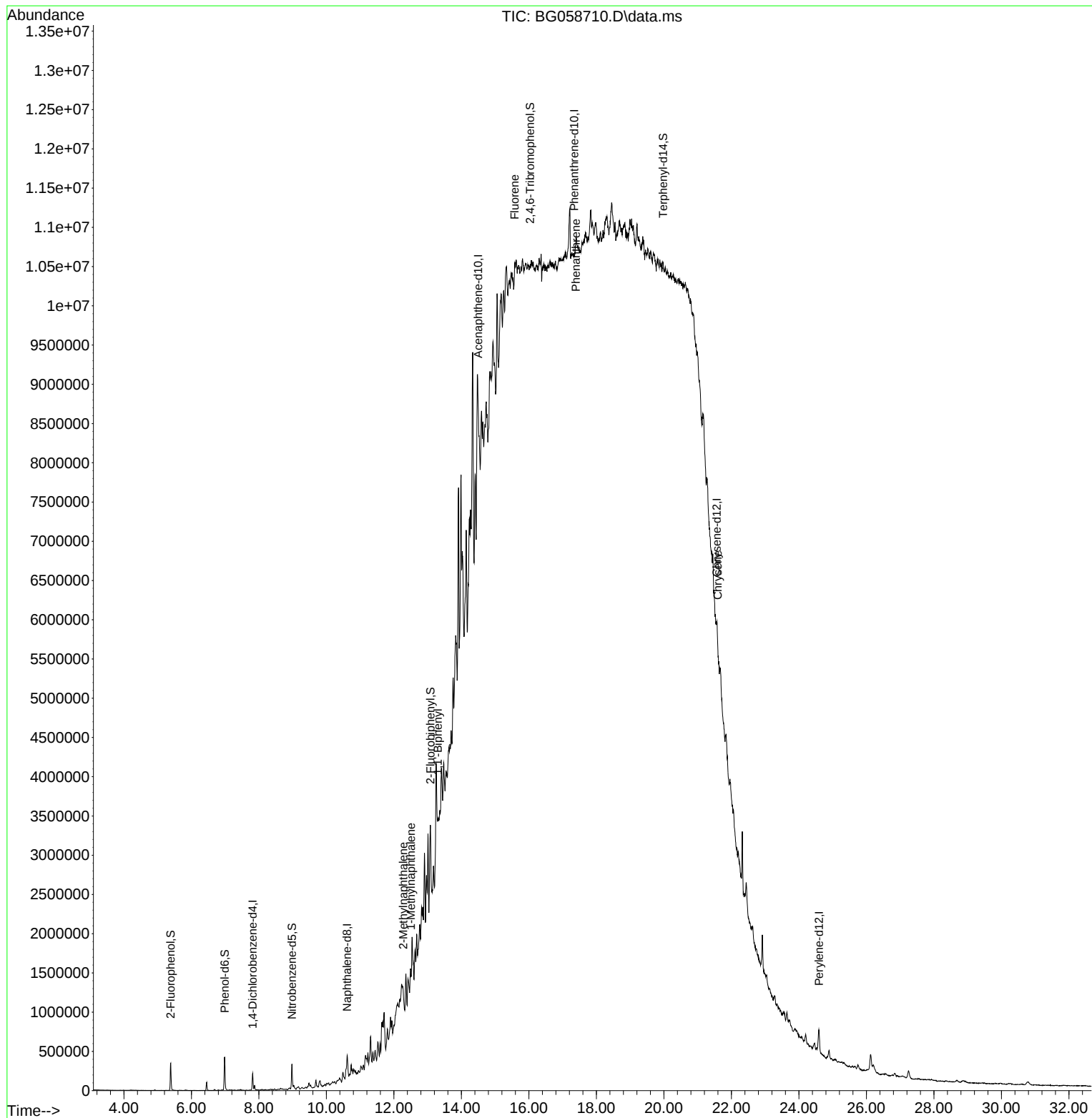
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058710.D
Acq On : 11 Aug 2023 20:06
Operator : MA/JU
Sample : 03961-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

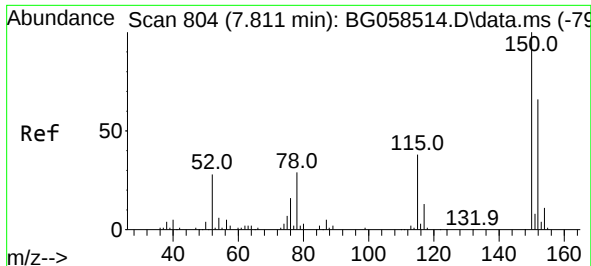
Instrument :
BNA_G
ClientSampleId :
20071

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

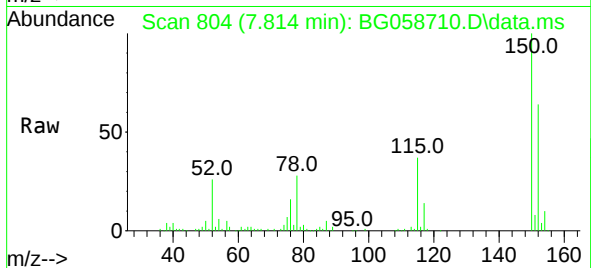
Quant Time: Aug 11 23:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

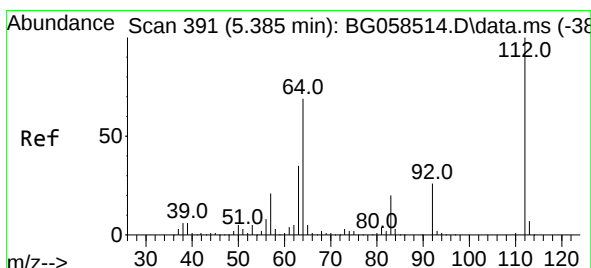
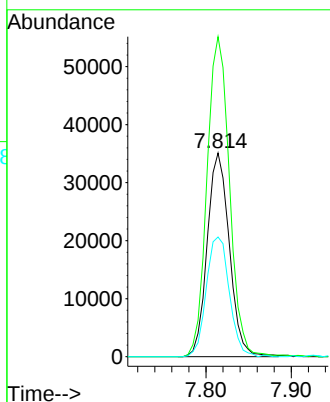
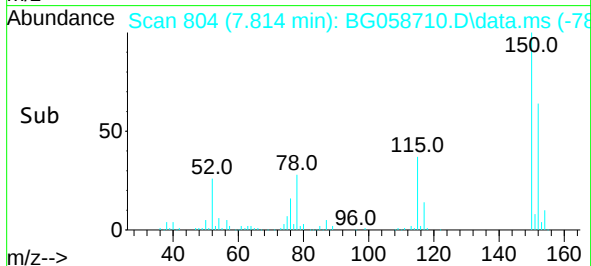
Instrument :
BNA_G
ClientSampleId :
20071



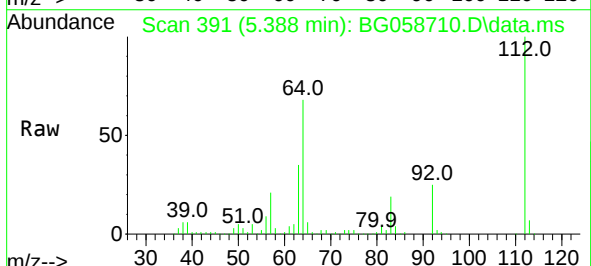
Tgt Ion:152 Resp: 63375
Ion Ratio Lower Upper
152 100
150 157.1 120.5 180.7
115 58.7 45.9 68.9

Manual Integrations
APPROVED

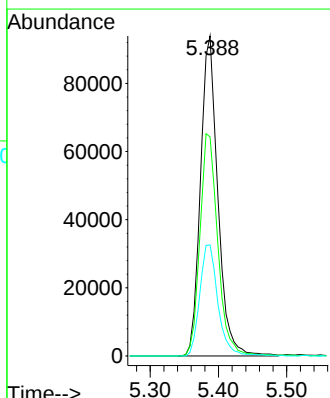
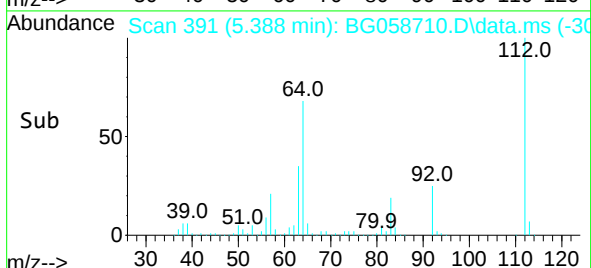
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

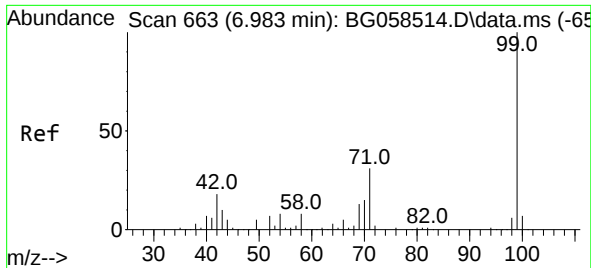


#5
2-Fluorophenol
Concen: 40.138 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06



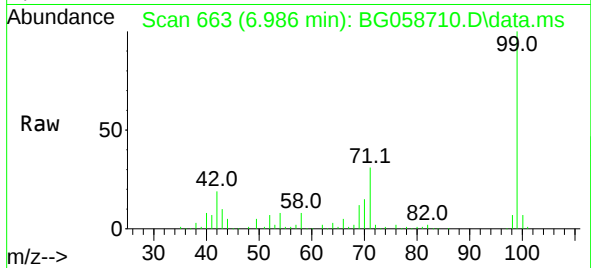
Tgt Ion:112 Resp: 166425
Ion Ratio Lower Upper
112 100
64 68.4 55.3 82.9
63 34.7 28.3 42.5





#7
Phenol-d6
Concen: 50.052 ng
RT: 6.986 min Scan# 607
Delta R.T. 0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

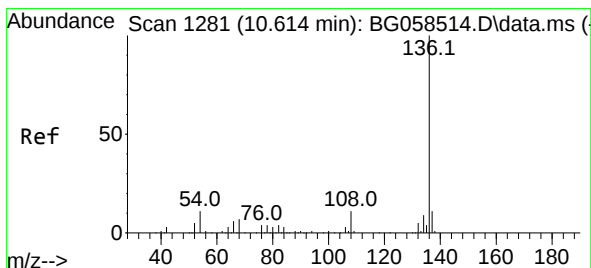
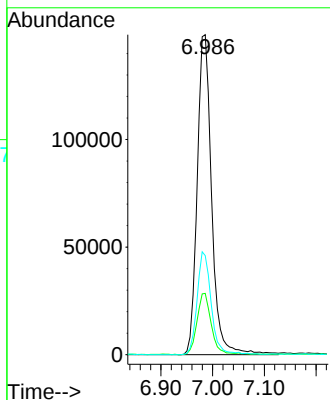
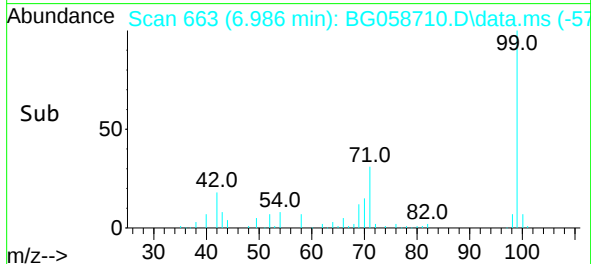
Instrument :
BNA_G
ClientSampleId :
20071



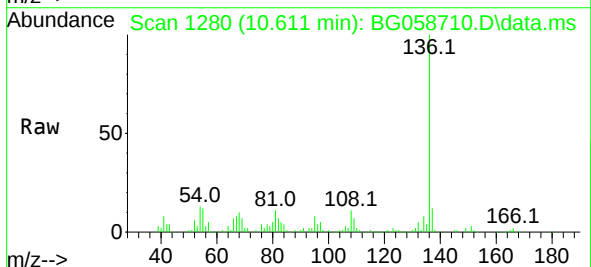
Tgt Ion: 99 Resp: 28877
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 31.0 25.0 37.4

Manual Integrations
APPROVED

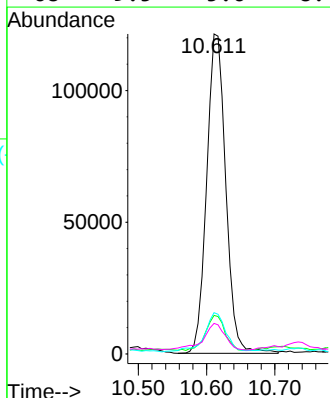
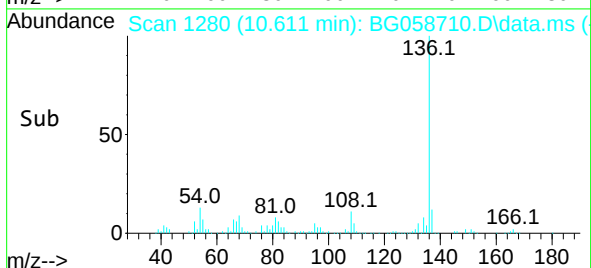
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

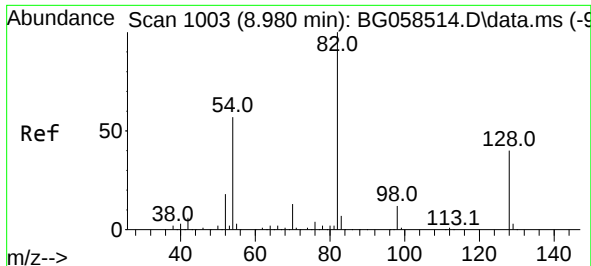


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06



Tgt Ion:136 Resp: 235819
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 12.9 8.9 13.3
68 9.5 5.6 8.4#





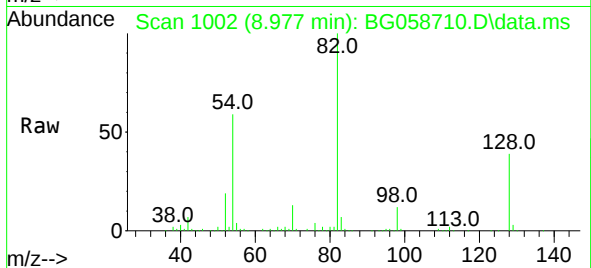
#23
Nitrobenzene-d5
Concen: 44.388 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20071



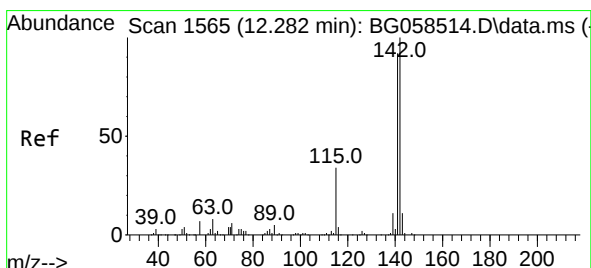
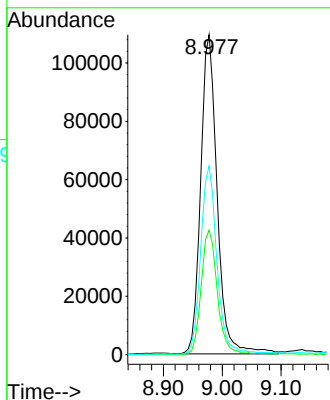
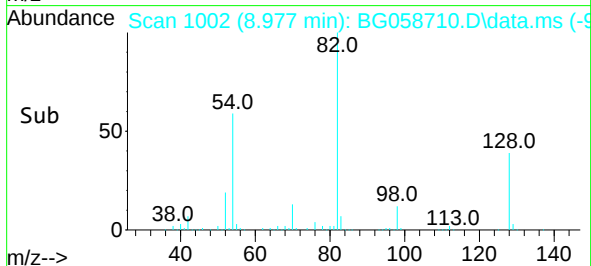
Tgt Ion: 82 Resp: 213078
Ion Ratio Lower Upper
82 100
128 38.9 32.2 48.2
54 59.0 46.0 69.0

Manual Integrations

APPROVED

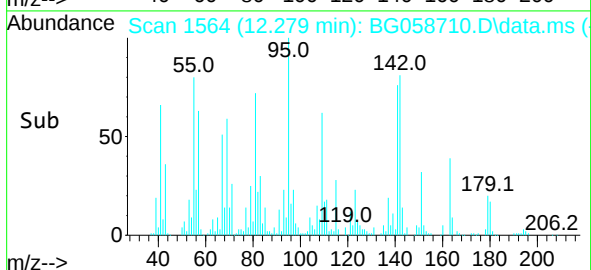
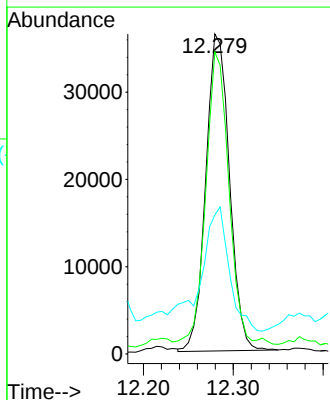
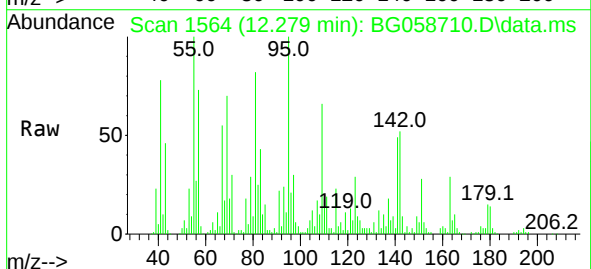
Reviewed By :Yogesh Patel 08/12/2023

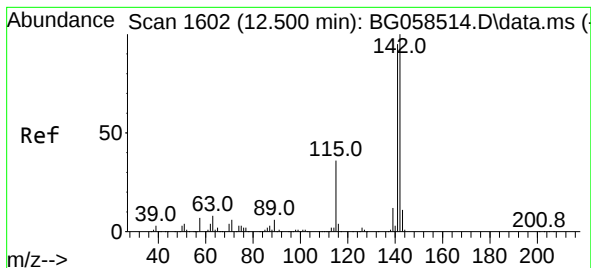
Supervised By :mohammad ahmed 08/12/2023



#37
2-Methylnaphthalene
Concen: 7.497 ng
RT: 12.279 min Scan# 1564
Delta R.T. -0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

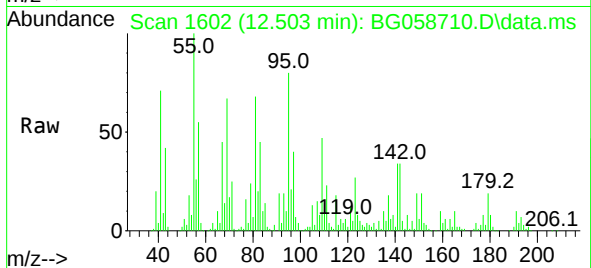
Tgt Ion:142 Resp: 66653
Ion Ratio Lower Upper
142 100
141 94.3 73.5 110.3
115 43.4 27.4 41.0#





#38
1-Methylnaphthalene
Concen: 7.435 ng
RT: 12.503 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

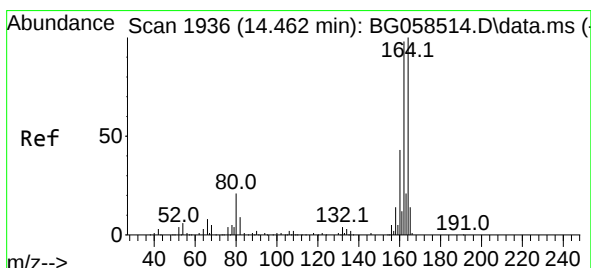
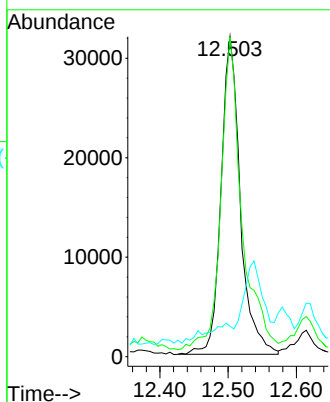
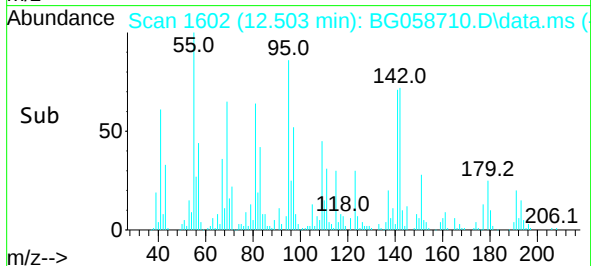
Instrument :
BNA_G
ClientSampleId :
20071



Tgt Ion:142 Resp: 62830
Ion Ratio Lower Upper
142 100
141 100.0 75.7 113.5
116 9.5 3.2 4.8

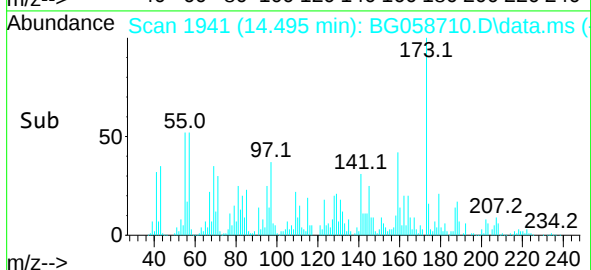
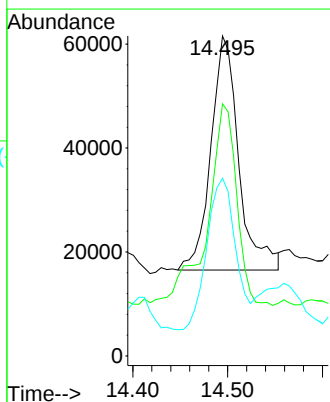
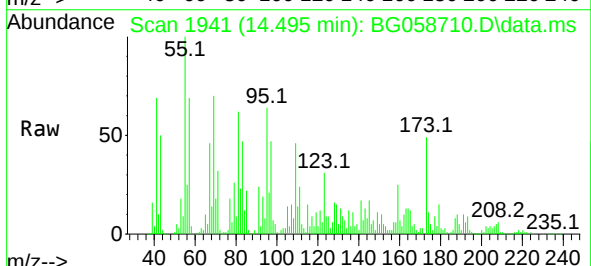
Manual Integrations
APPROVED

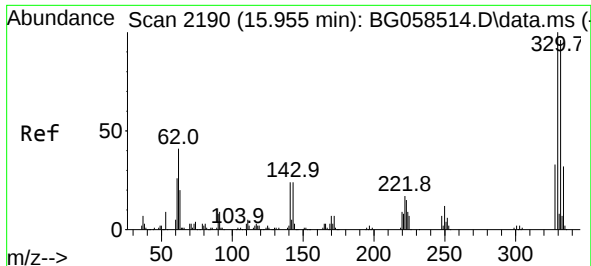
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.495 min Scan# 1941
Delta R.T. 0.032 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

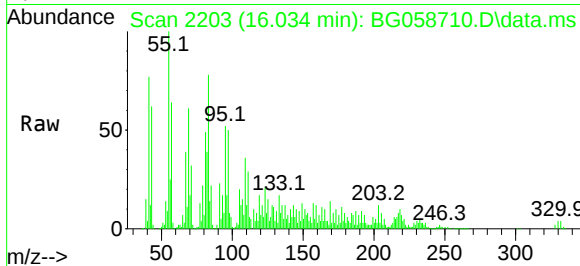
Tgt Ion:164 Resp: 92265
Ion Ratio Lower Upper
164 100
162 78.8 78.3 117.5
160 55.6 34.1 51.1#





#42
2,4,6-Tribromophenol
Concen: 34.638 ng
RT: 16.034 min Scan# 2190
Delta R.T. 0.079 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

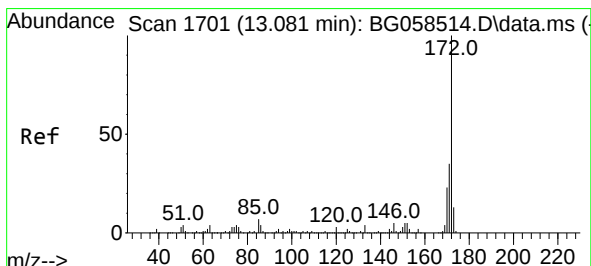
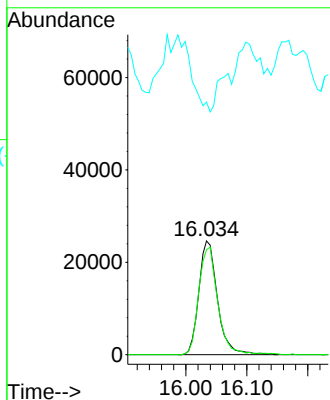
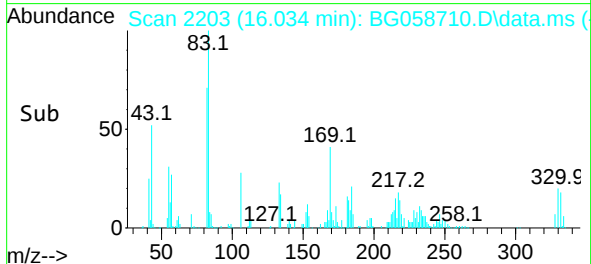
Instrument :
BNA_G
ClientSampleId :
20071



Tgt Ion:330 Resp: 5238
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 0.0 20.7 31.1

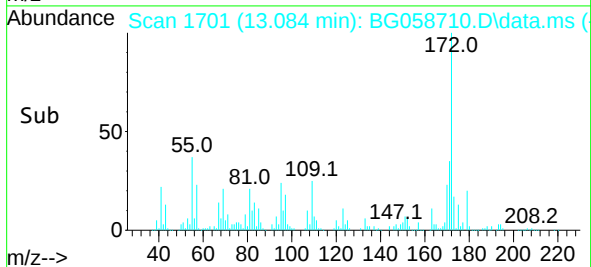
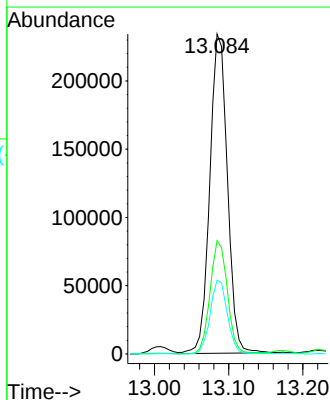
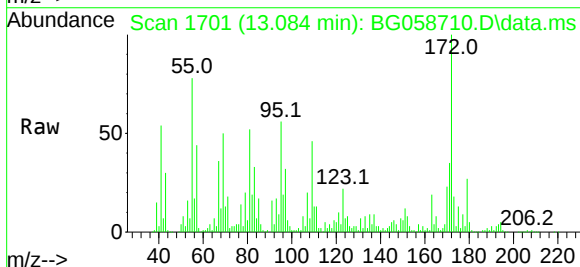
Manual Integrations
APPROVED

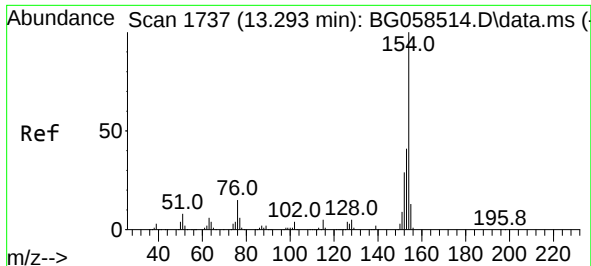
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#45
2-Fluorobiphenyl
Concen: 62.587 ng
RT: 13.084 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

Tgt Ion:172 Resp: 385337
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.1 18.4 27.6





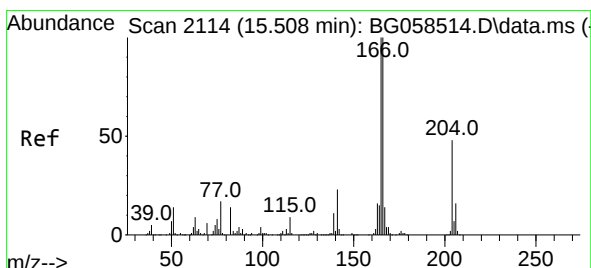
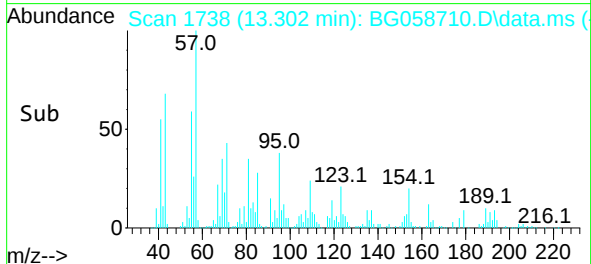
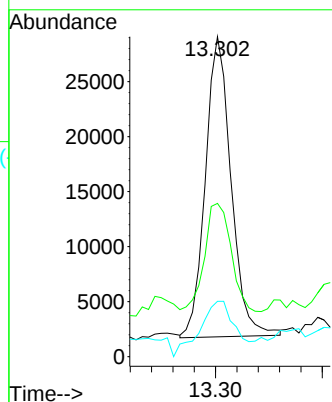
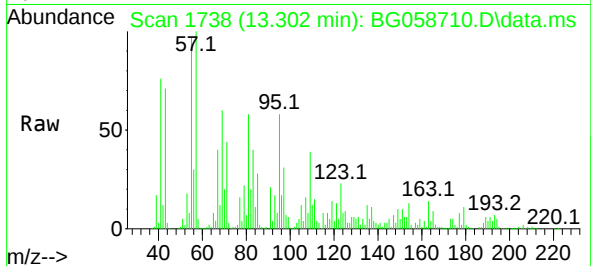
#46
1,1'-Biphenyl
Concen: 7.221 ng
RT: 13.302 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

Instrument :
BNA_G
ClientSampleId :
20071

Tgt Ion:154 Resp: 4575
Ion Ratio Lower Upper
154 100
153 47.9 21.2 61.2
76 17.3 0.0 34.7

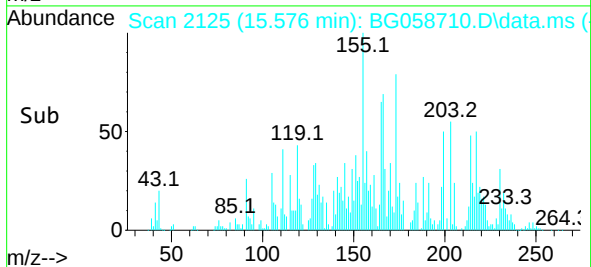
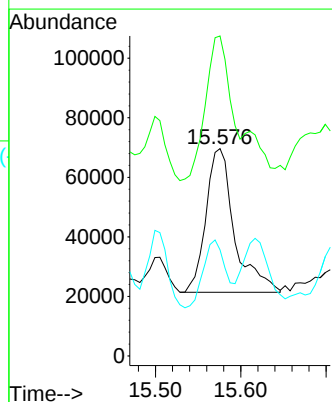
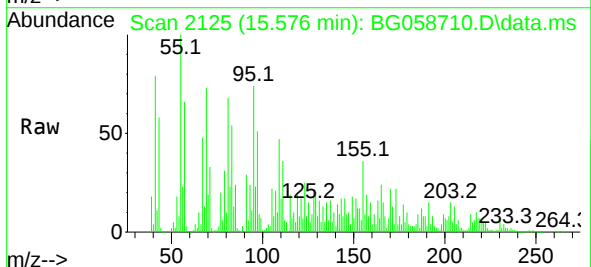
Manual Integrations
APPROVED

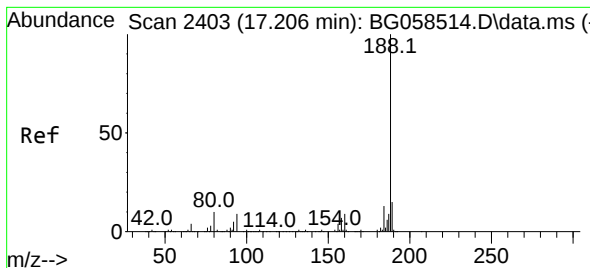
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#58
Fluorene
Concen: 17.156 ng
RT: 15.576 min Scan# 2125
Delta R.T. 0.068 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

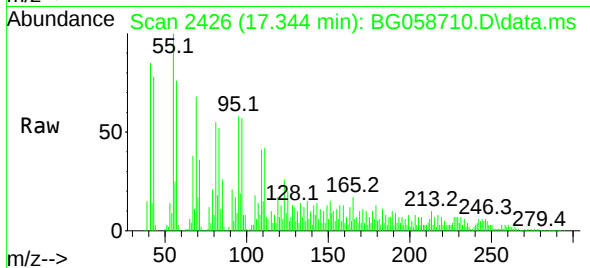
Tgt Ion:166 Resp: 111930
Ion Ratio Lower Upper
166 100
165 154.3 80.0 120.0#
167 51.2 11.3 16.9#





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.344 min Scan# 2403
Delta R.T. 0.138 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06

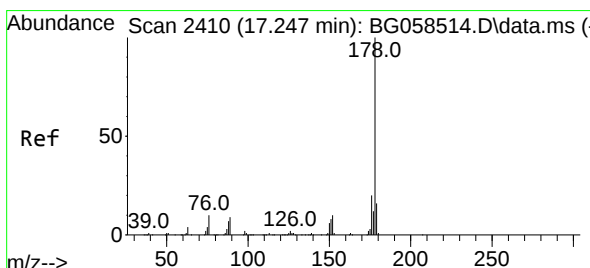
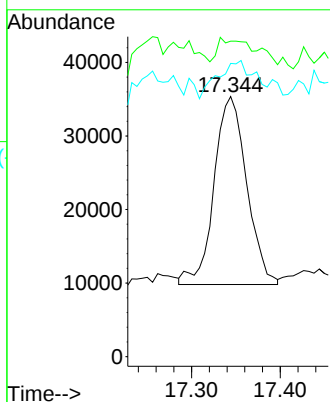
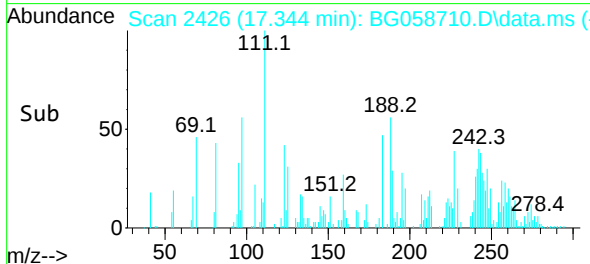
Instrument :
BNA_G
ClientSampleId :
20071



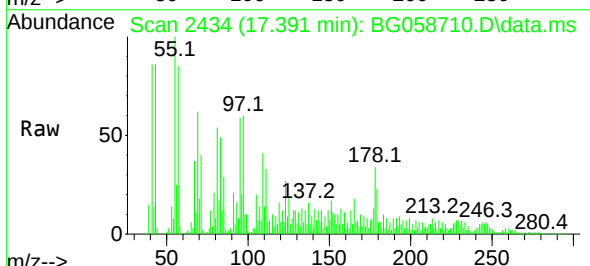
Tgt Ion:188 Resp: 65215
Ion Ratio Lower Upper
188 100
94 121.3 7.0 10.6
80 112.7 8.1 12.1

Manual Integrations
APPROVED

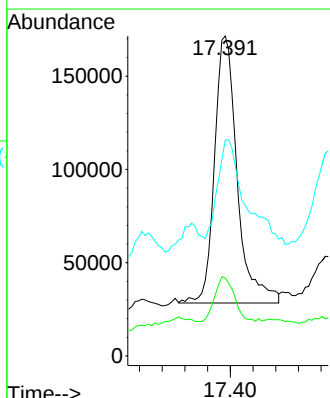
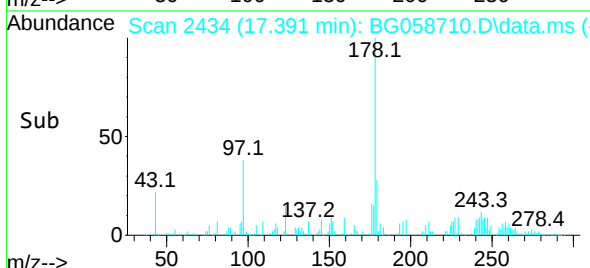
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

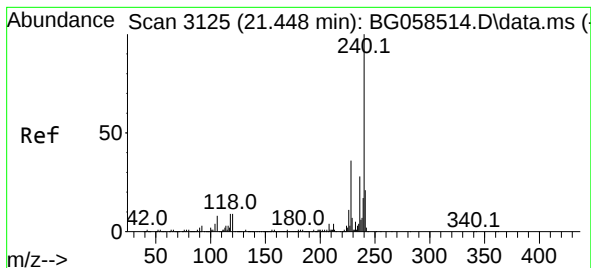


#71
Phenanthrene
Concen: 128.733 ng m
RT: 17.391 min Scan# 2434
Delta R.T. 0.144 min
Lab File: BG058710.D
Acq: 11 Aug 2023 20:06



Tgt Ion:178 Resp: 398155
Ion Ratio Lower Upper
178 100
176 24.3 16.3 24.5
179 67.5 13.1 19.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3125

Delta R.T. 0.120 min

Lab File: BG058710.D

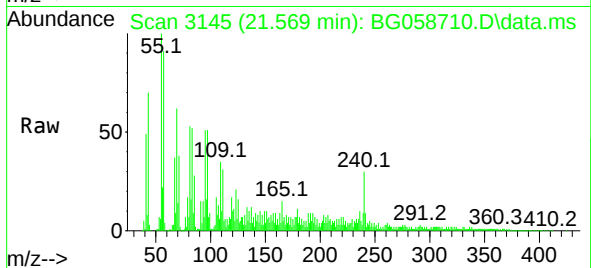
Acq: 11 Aug 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20071



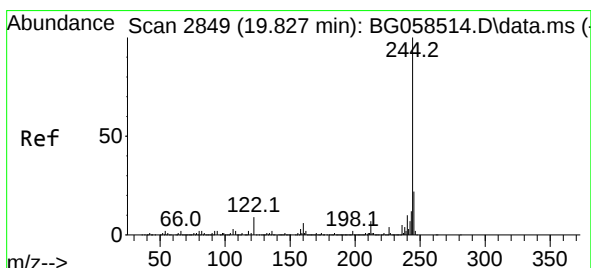
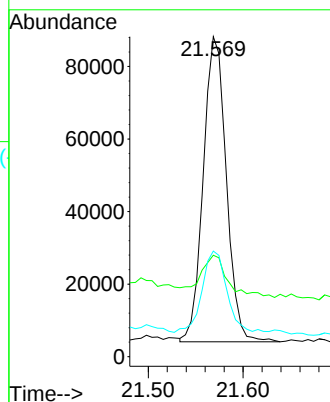
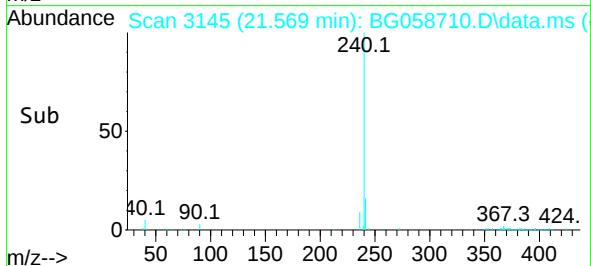
Tgt Ion:	240	Resp:	141960
Ion Ratio	Lower	Upper	
240	100		
120	31.7	7.4	11.0#
236	33.0	22.2	33.4#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#79

Terphenyl-d14

Concen: 25.183 ng

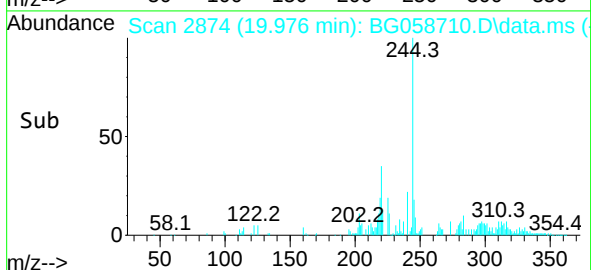
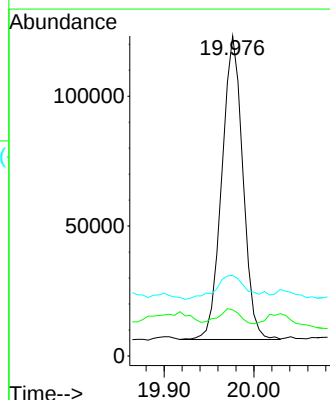
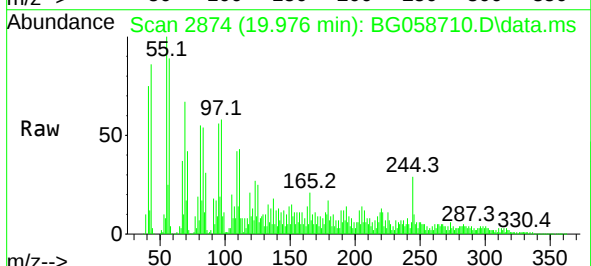
RT: 19.976 min Scan# 2874

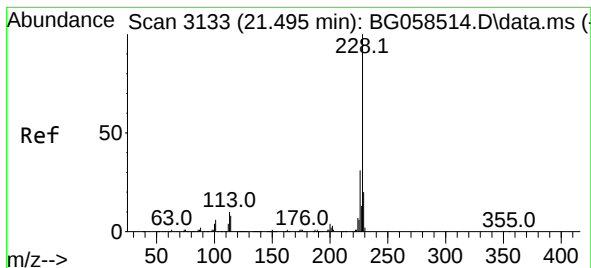
Delta R.T. 0.150 min

Lab File: BG058710.D

Acq: 11 Aug 2023 20:06

Tgt Ion:	244	Resp:	190104
Ion Ratio	Lower	Upper	
244	100		
212	14.4	5.9	8.9#
122	25.2	6.8	10.2#





#83

Chrysene

Concen: 4.111 ng

RT: 21.592 min Scan# 3133

Delta R.T. 0.097 min

Lab File: BG058710.D

Acq: 11 Aug 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20071

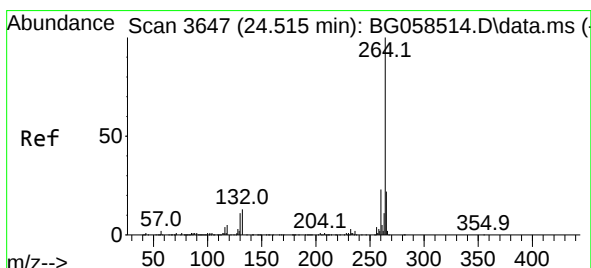
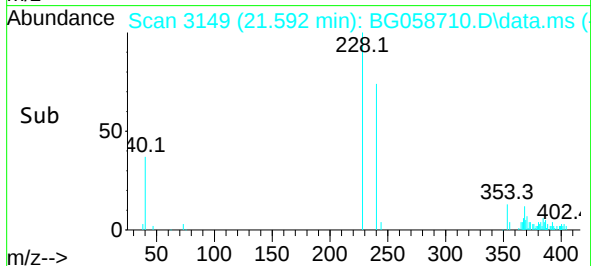
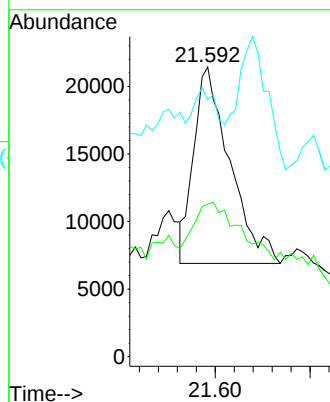
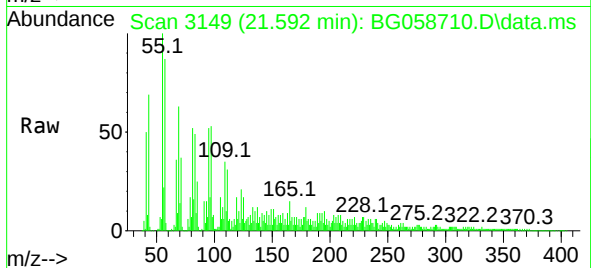
Tgt Ion:	228	Resp:	38509
Ion Ratio	Lower	Upper	
228	100		
226	52.6	25.0	37.6
229	88.7	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.594 min Scan# 3660

Delta R.T. 0.079 min

Lab File: BG058710.D

Acq: 11 Aug 2023 20:06

Tgt Ion:	264	Resp:	298060
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.4	27.6
265	21.4	17.9	26.9

