

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058872.D
 Acq On : 28 Aug 2023 13:59
 Operator : MA/JU
 Sample : 04147-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03(27-29)DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:43:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 01:35:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	19875	20.000	ng	-0.02
21) Naphthalene-d8	10.604	136	75595	20.000	ng	#-0.02
39) Acenaphthene-d10	14.452	164	53227	20.000	ng	-0.02
64) Phenanthrene-d10	17.202	188	141071	20.000	ng	-0.01
76) Chrysene-d12	21.438	240	144765	20.000	ng	-0.02
86) Perylene-d12	24.505	264	173616	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.374	112	53884	43.629	ng	-0.02
7) Phenol-d6	6.978	99	70615	40.752	ng	-0.02
23) Nitrobenzene-d5	8.970	82	43034	27.369	ng	-0.02
42) 2,4,6-Tribromophenol	15.944	330	39701	47.570	ng	-0.02
45) 2-Fluorobiphenyl	13.071	172	95531	26.104	ng	-0.02
79) Terphenyl-d14	19.816	244	209643	26.003	ng	-0.02
Target Compounds						
31) Naphthalene	10.656	128	154372	38.892	ng	Qvalue 98
37) 2-Methylnaphthalene	12.272	142	10863m	3.811	ng	
38) 1-Methylnaphthalene	12.490	142	7800	2.882	ng	# 94
75) Fluoranthene	19.258	202	21465	2.556	ng	96
78) Pyrene	19.622	202	34006	3.371	ng	98

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

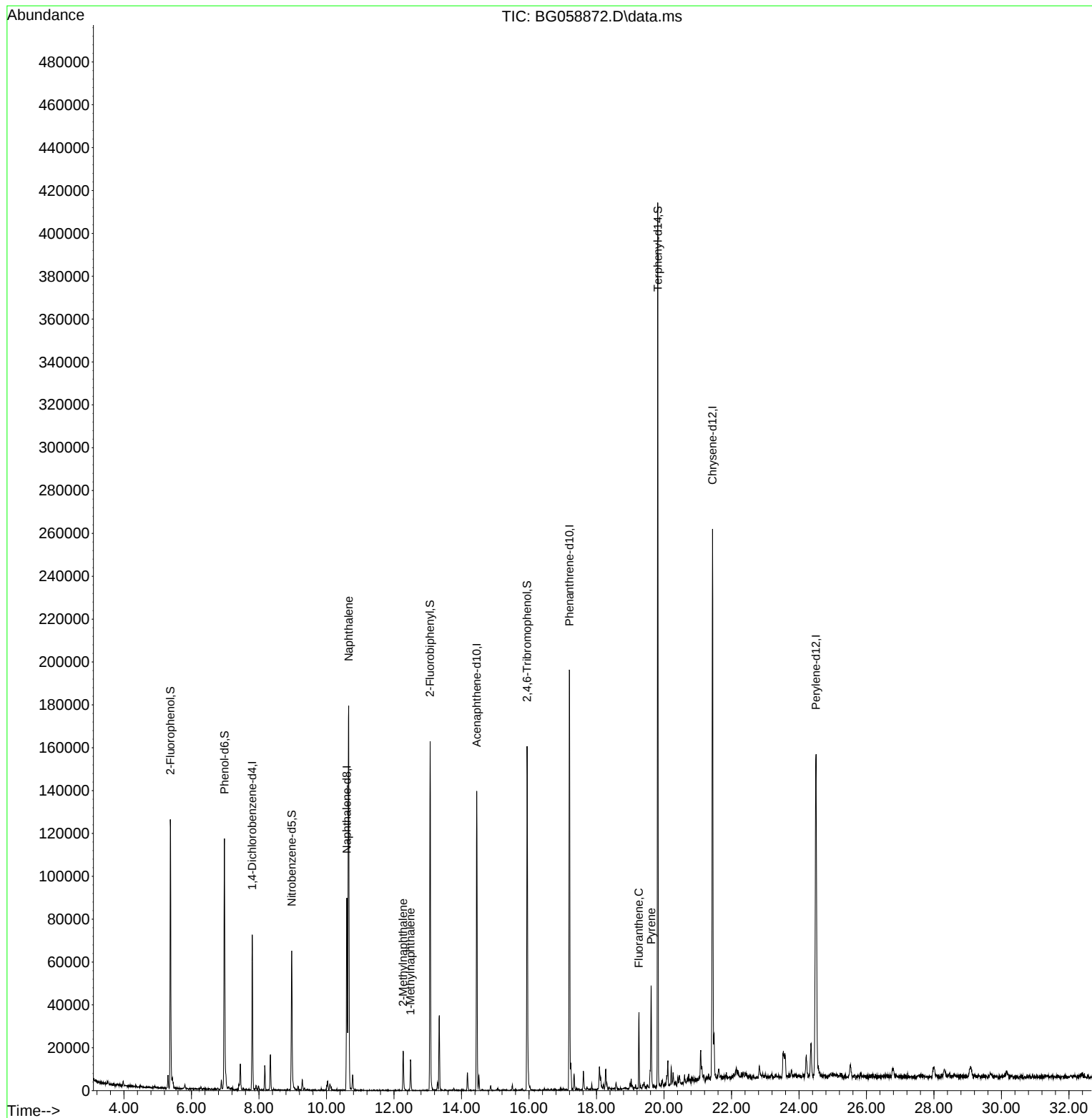
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058872.D
Acq On : 28 Aug 2023 13:59
Operator : MA/JU
Sample : 04147-02DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

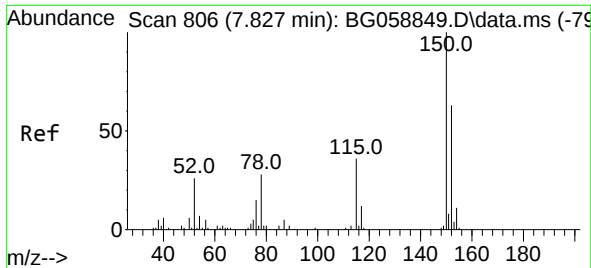
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

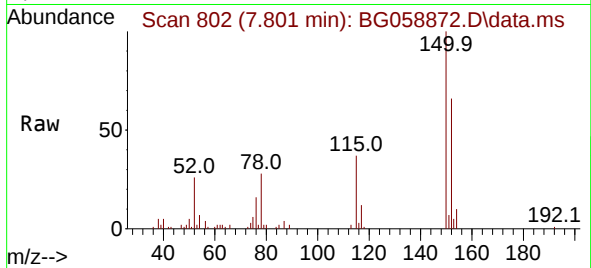
Quant Time: Aug 29 01:43:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 01:35:28 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.801 min Scan# 806
Delta R.T. -0.024 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

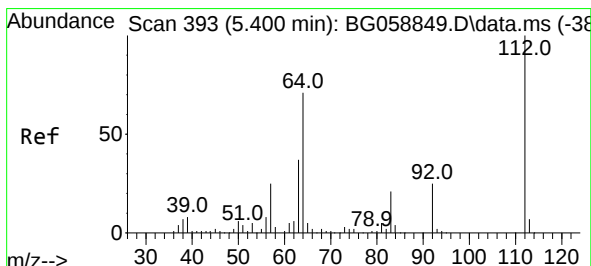
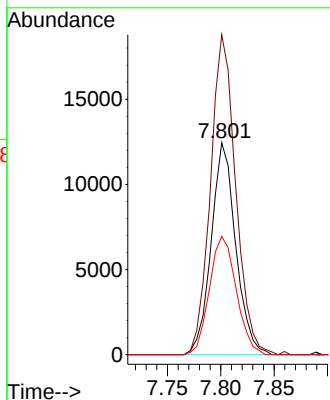
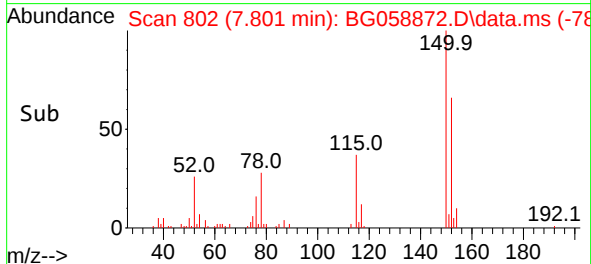
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL



Tgt Ion:152 Resp: 1987
Ion Ratio Lower Upper
152 100
150 150.9 128.6 192.8
115 55.7 50.4 75.6

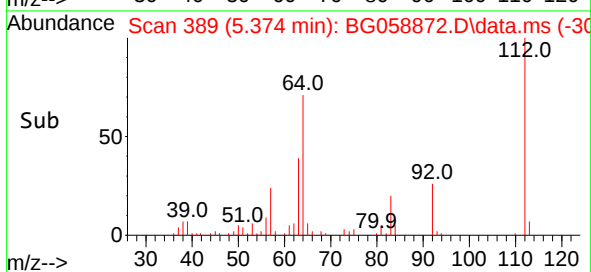
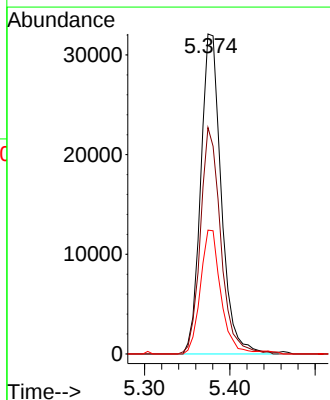
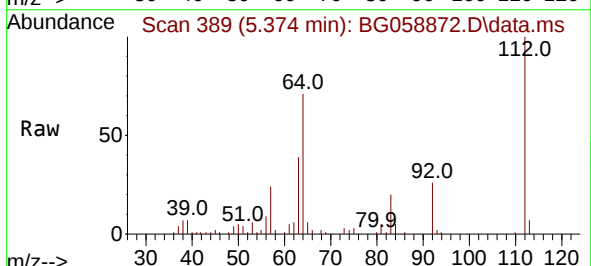
Manual Integrations
APPROVED

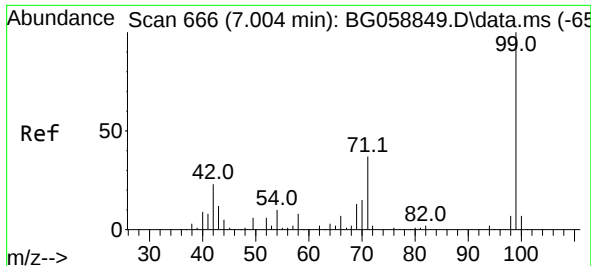
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#5
2-Fluorophenol
Concen: 43.629 ng
RT: 5.374 min Scan# 389
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

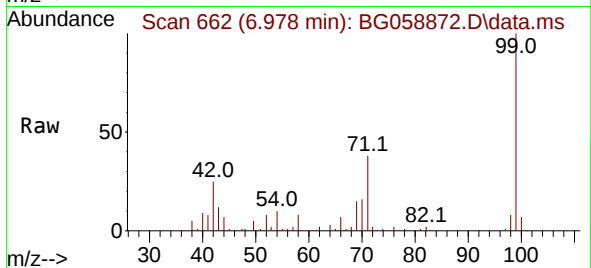
Tgt Ion:112 Resp: 53884
Ion Ratio Lower Upper
112 100
64 70.8 60.6 90.8
63 38.7 31.0 46.4





#7
Phenol-d6
Concen: 40.752 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

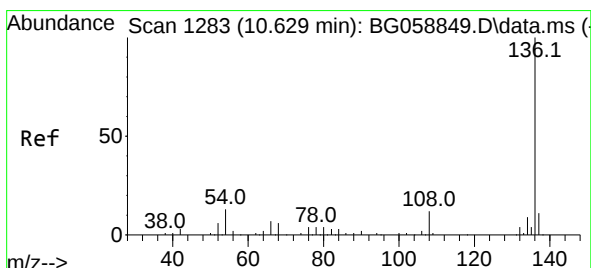
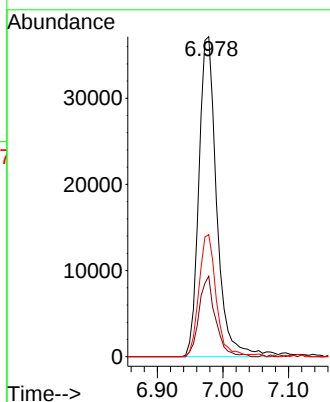
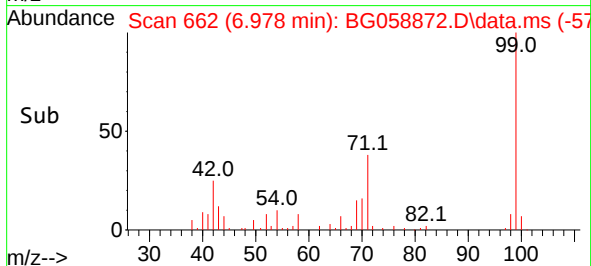
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL



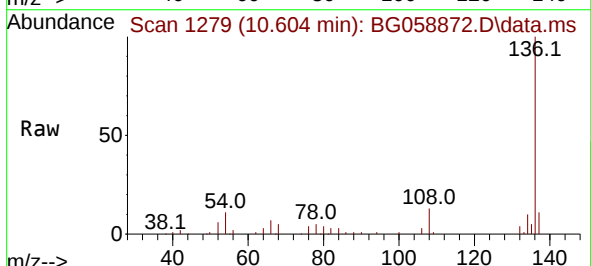
Tgt Ion: 99 Resp: 70615
Ion Ratio Lower Upper
99 100
42 25.2 16.5 24.7
71 38.1 28.4 42.6

Manual Integrations
APPROVED

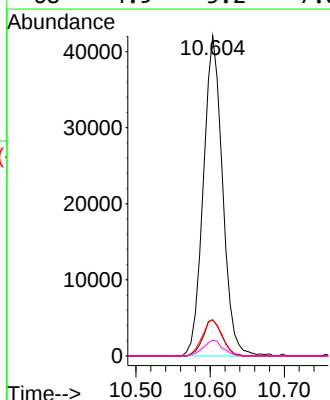
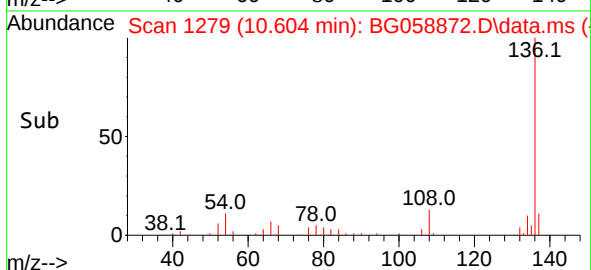
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

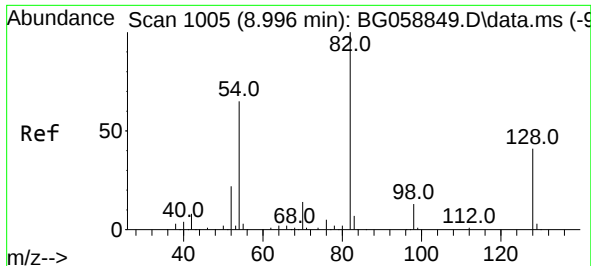


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1279
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59



Tgt Ion:136 Resp: 75595
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.3 10.1 15.1
68 4.9 5.2 7.8





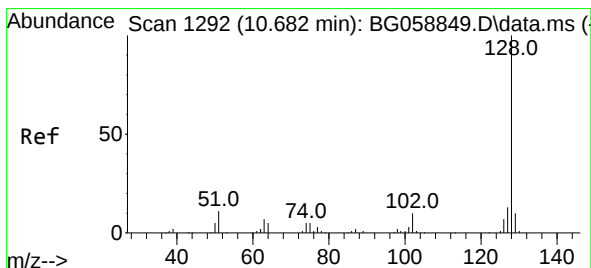
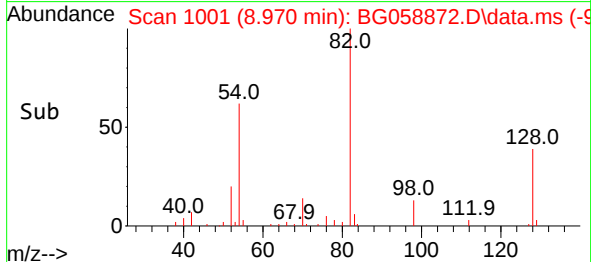
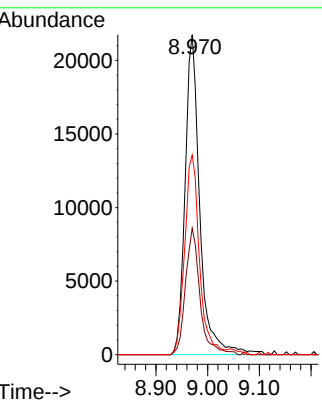
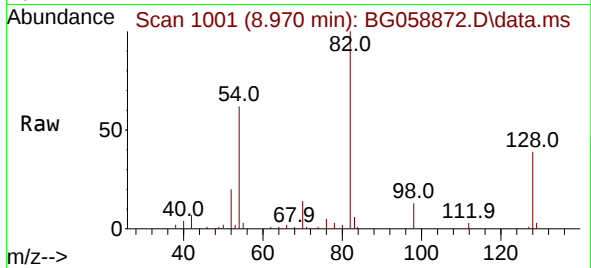
#23
Nitrobenzene-d5
Concen: 27.369 ng
RT: 8.970 min Scan# 1005
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

Tgt Ion: 82 Resp: 43034
Ion Ratio Lower Upper
82 100
128 39.5 33.2 49.8
54 62.4 51.2 76.8

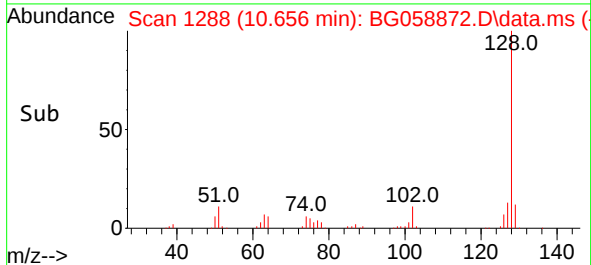
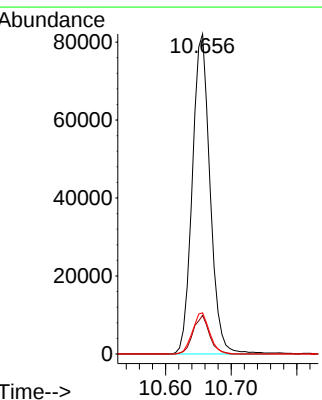
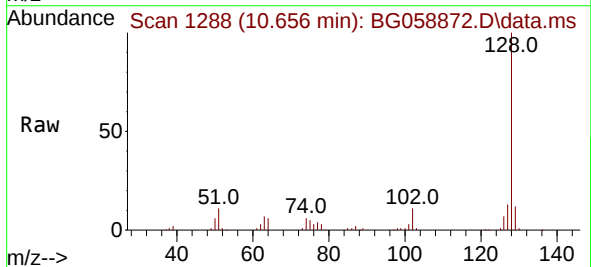
Manual Integrations
APPROVED

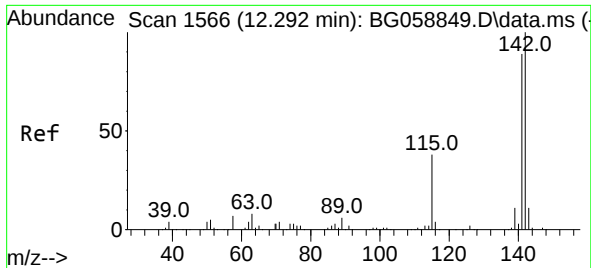
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#31
Naphthalene
Concen: 38.892 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.019 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:128 Resp: 154372
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 12.9 10.6 15.8





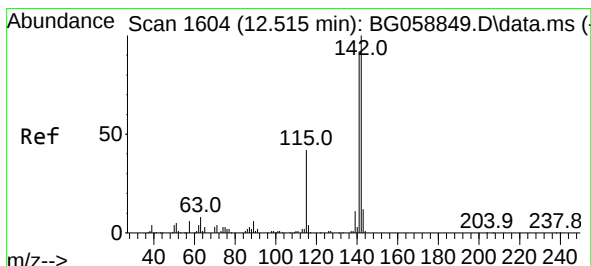
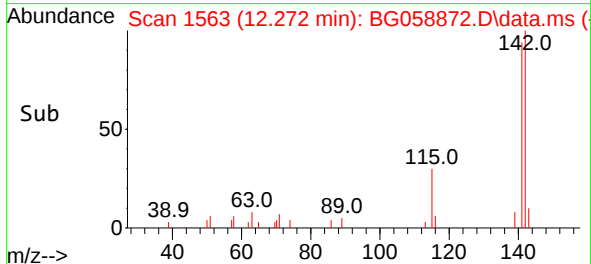
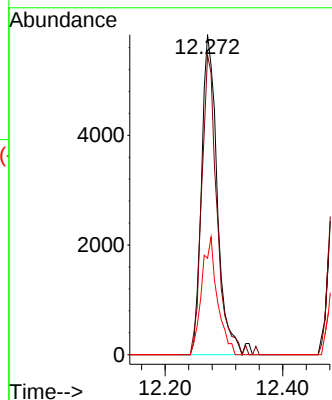
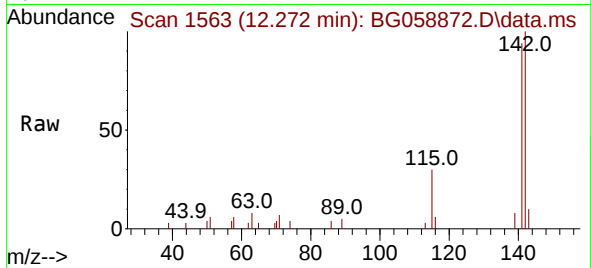
#37
2-Methylnaphthalene
Concen: 3.811 ng m
RT: 12.272 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

Tgt Ion:142 Resp: 1086
Ion Ratio Lower Upper
142 100
141 93.6 71.8 107.8
115 30.1 30.6 45.8

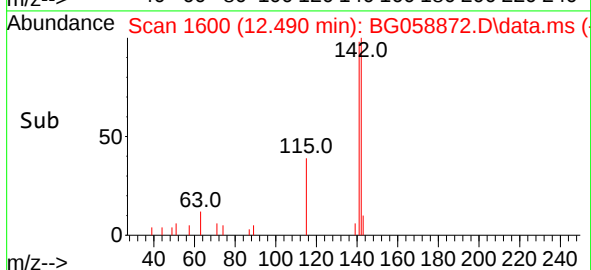
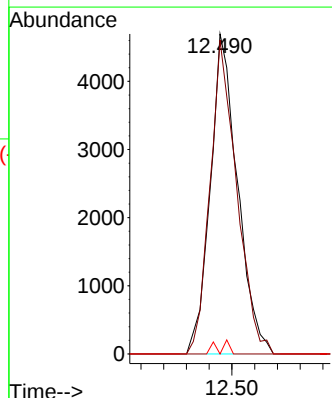
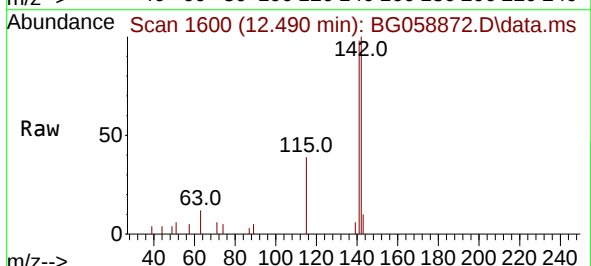
Manual Integrations
APPROVED

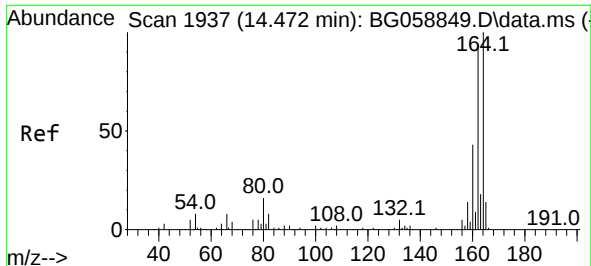
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#38
1-Methylnaphthalene
Concen: 2.882 ng
RT: 12.490 min Scan# 1600
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:142 Resp: 7800
Ion Ratio Lower Upper
142 100
141 98.1 73.9 110.9
116 0.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.452 min Scan# 1934

Delta R.T. -0.019 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

Instrument :

BNA_G

ClientSampleId :

SB-03(27-29)DL

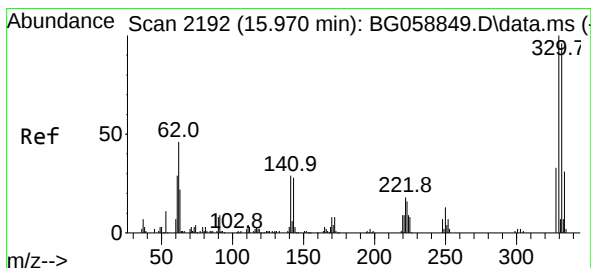
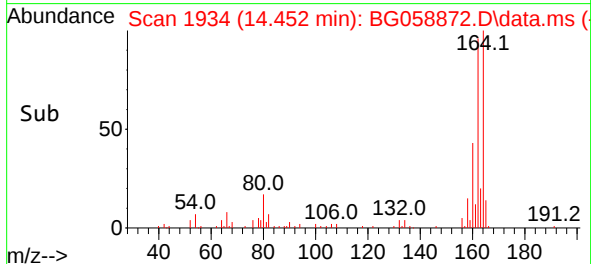
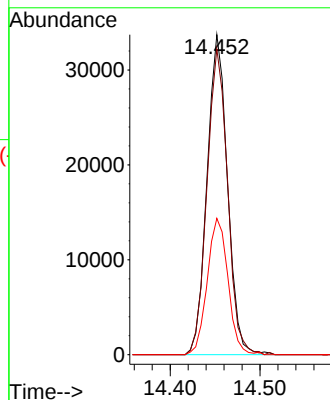
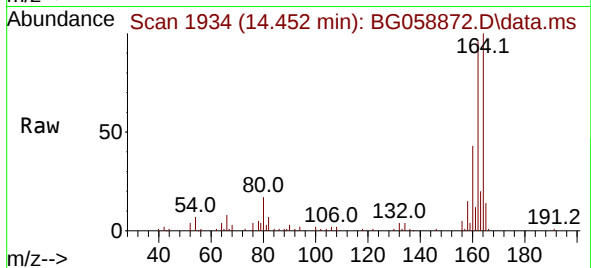
Tgt Ion:164	Resp:	5322
Ion Ratio	Lower	Upper
164	100	
162	95.6	79.6 119.4
160	42.6	34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#42

2,4,6-Tribromophenol

Concen: 47.570 ng

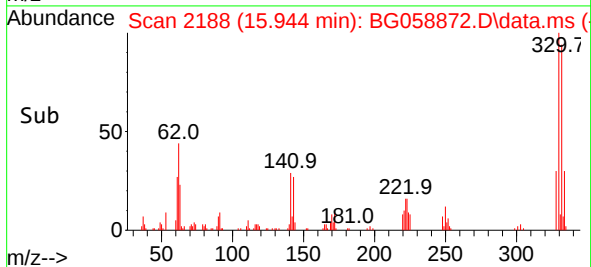
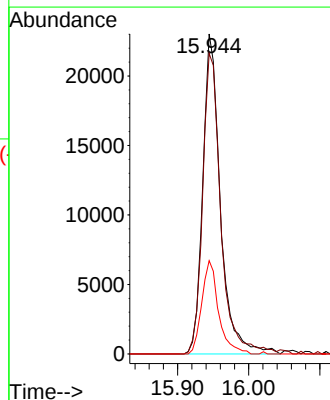
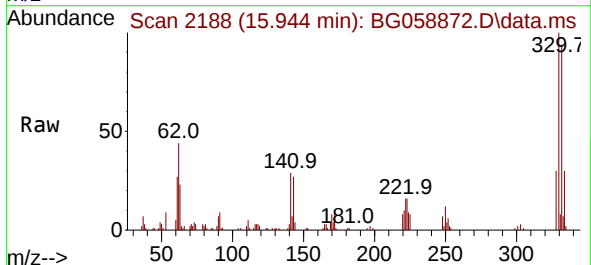
RT: 15.944 min Scan# 2188

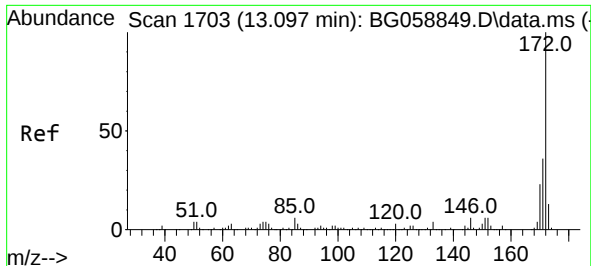
Delta R.T. -0.025 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

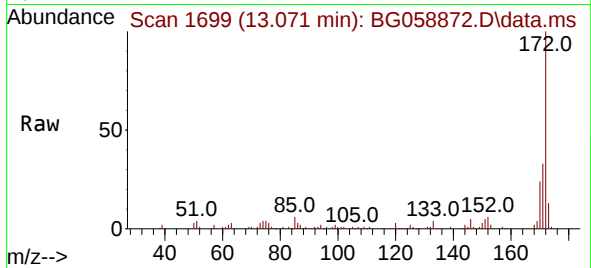
Tgt Ion:330	Resp:	39701
Ion Ratio	Lower	Upper
330	100	
332	96.7	78.5 117.7
141	27.8	23.0 34.6





#45
2-Fluorobiphenyl
Concen: 26.104 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.019 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

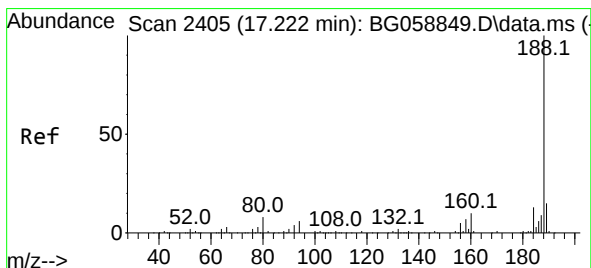
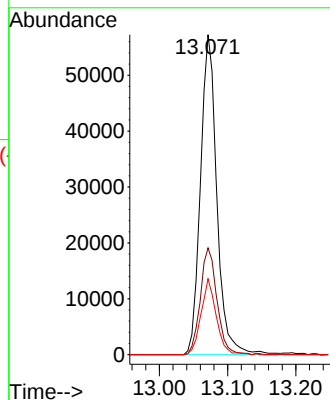
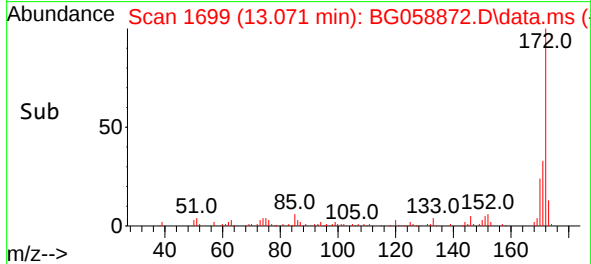
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL



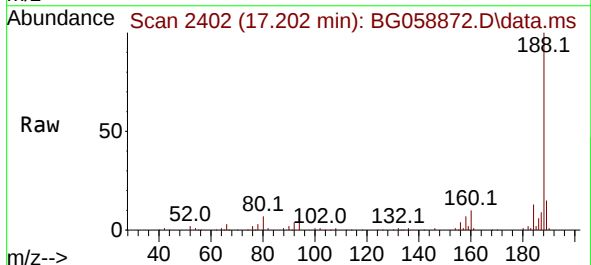
Tgt Ion:172 Resp: 9553
Ion Ratio Lower Upper
172 100
171 33.3 28.1 42.1
170 23.7 18.6 27.8

Manual Integrations
APPROVED

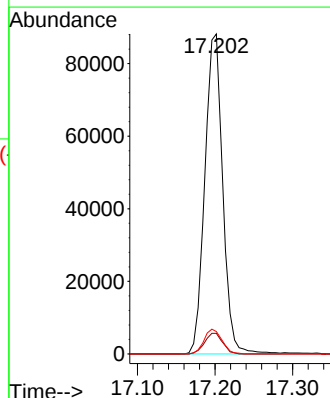
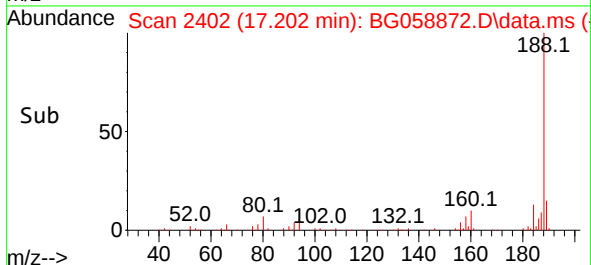
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

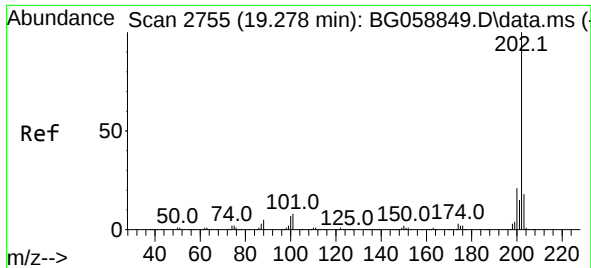


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.013 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59



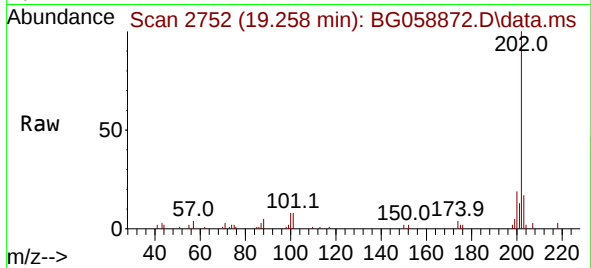
Tgt Ion:188 Resp: 141071
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.0 6.9 10.3





#75
Fluoranthene
Concen: 2.556 ng
RT: 19.258 min Scan# 2146
Delta R.T. -0.019 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

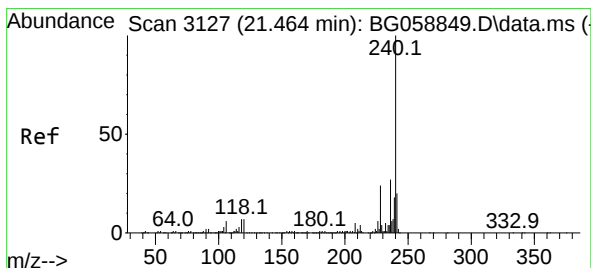
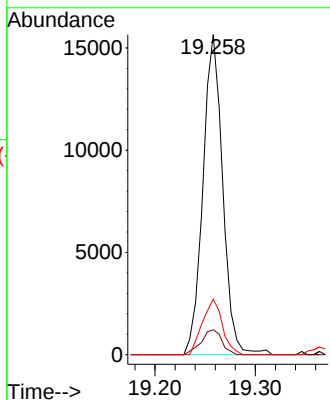
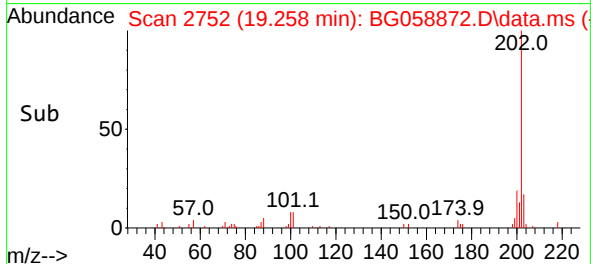
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL



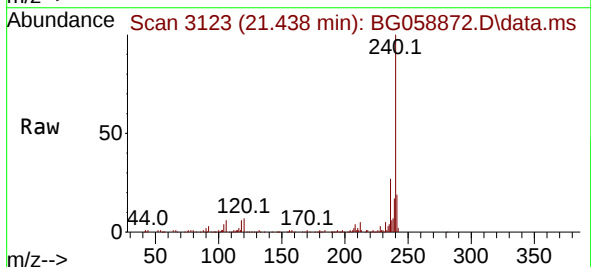
Tgt Ion:202 Resp: 2146
Ion Ratio Lower Upper
202 100
101 7.8 0.0 29.7
203 17.3 0.0 38.7

Manual Integrations
APPROVED

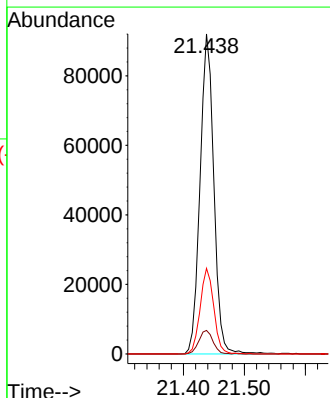
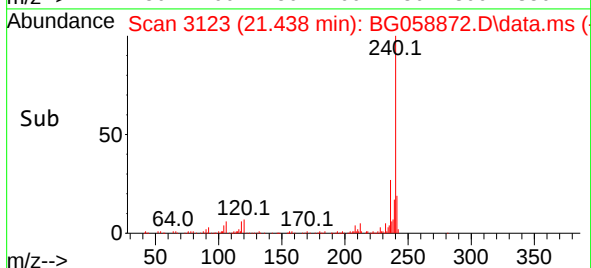
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

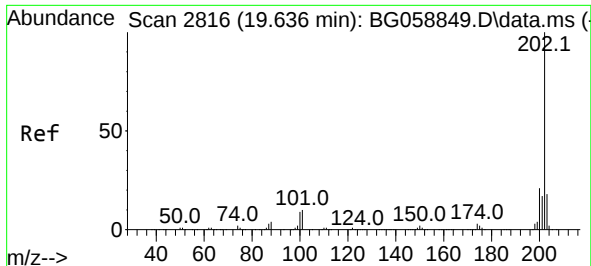


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.438 min Scan# 3123
Delta R.T. -0.025 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59



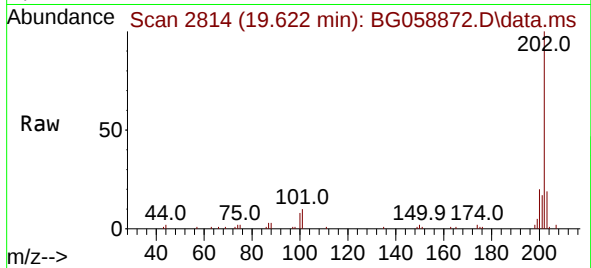
Tgt Ion:240 Resp: 144765
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.7 20.5 30.7





#78
 Pyrene
 Concen: 3.371 ng
 RT: 19.622 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

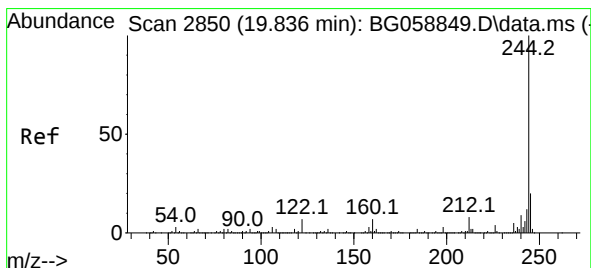
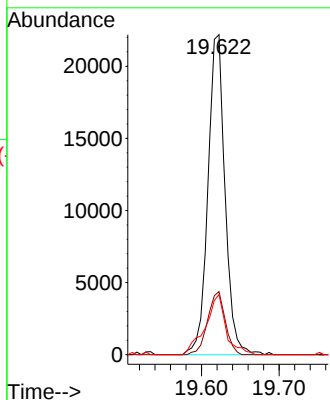
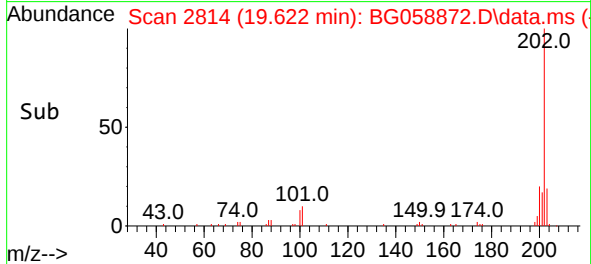
Instrument :
 BNA_G
 ClientSampleId :
 SB-03(27-29)DL



Tgt Ion:202 Resp: 34000
 Ion Ratio Lower Upper
 202 100
 200 19.7 16.7 25.1
 203 18.7 15.3 22.9

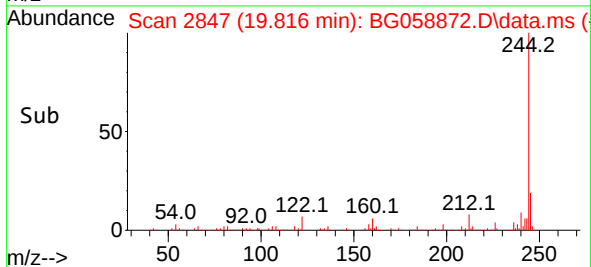
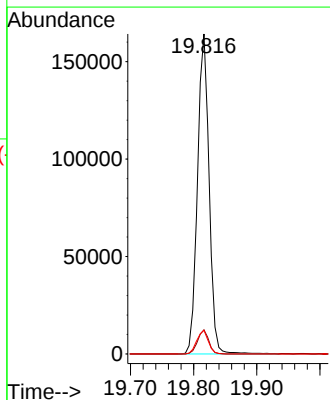
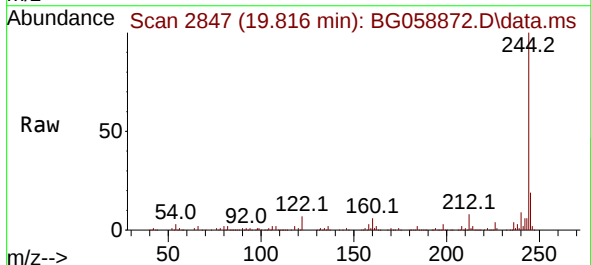
Manual Integrations
 APPROVED

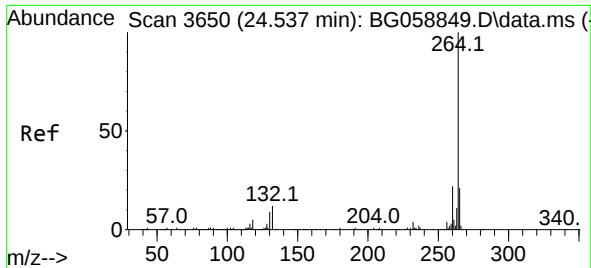
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#79
 Terphenyl-d14
 Concen: 26.003 ng
 RT: 19.816 min Scan# 2847
 Delta R.T. -0.019 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

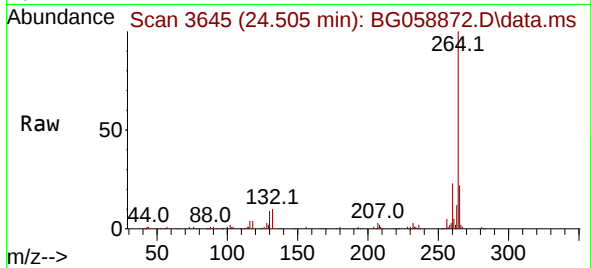
Tgt Ion:244 Resp: 209643
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.4 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.505 min Scan# 30
Delta R.T. -0.030 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL



Tgt Ion:264	Resp:	173610
Ion Ratio	Lower	Upper
264	100	
260	22.9	18.2 27.2
265	22.1	16.4 24.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

