

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054812.D
 Acq On : 31 Aug 2022 18:49
 Operator : CG/JU
 Sample : N4421-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PALM-SP-01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 05:05:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	54882	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	218820	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	136046	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	272339	20.000	ng	0.00
76) Chrysene-d12	21.836	240	253871	20.000	ng	# 0.01
86) Perylene-d12	25.232	264	278289	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	23012	7.302	ng	0.00
7) Phenol-d6	7.294	99	32930	7.640	ng	0.00
23) Nitrobenzene-d5	9.321	82	20494	4.917	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	7594	4.467	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	51808	5.724	ng	0.00
79) Terphenyl-d14	20.132	244	76938	6.005	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.623	142	18867	2.293	ng	99
71) Phenanthrene	17.576	178	60251	4.153	ng	# 90
75) Fluoranthene	19.586	202	51899	2.941	ng	85
78) Pyrene	19.944	202	135271	7.641	ng	# 90
81) Benzo(a)anthracene	21.818	228	108505	6.304	ng	# 82
83) Chrysene	21.883	228	172140	10.459	ng	# 86
88) Benzo(b)fluoranthene	24.145	252	60828m	3.484	ng	
90) Benzo(a)pyrene	25.068	252	73000	4.894	ng	# 53
92) Benzo(g,h,i)perylene	30.338	276	56470	3.248	ng	# 90

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

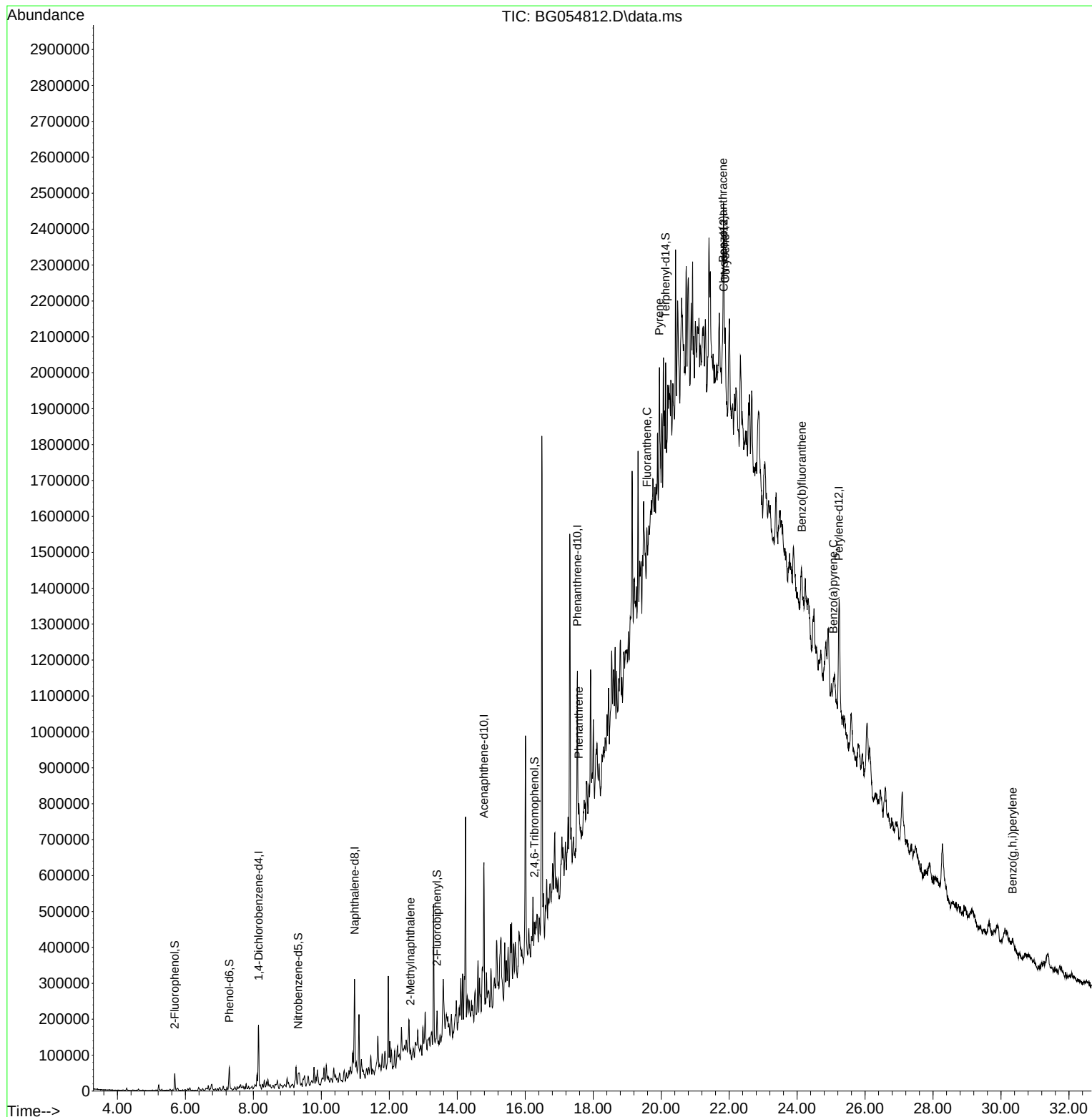
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

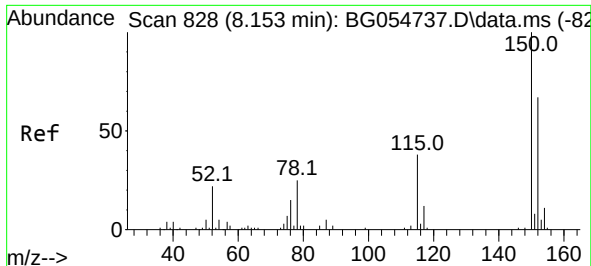
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Time: Sep 01 05:05:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

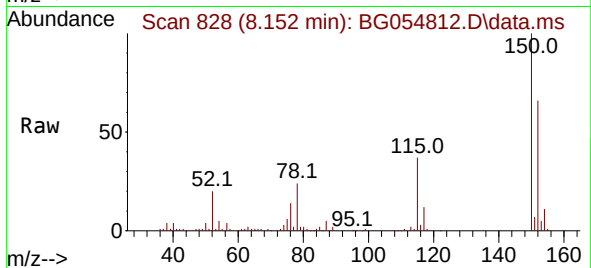
Reviewed By : Christian Giraldo 09/01/2022
Supervised By : Jagrut Upadhyay 09/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

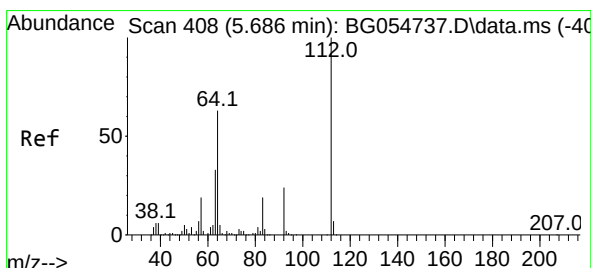
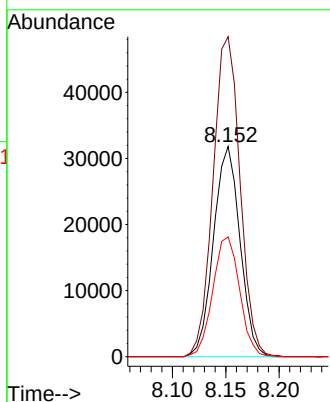
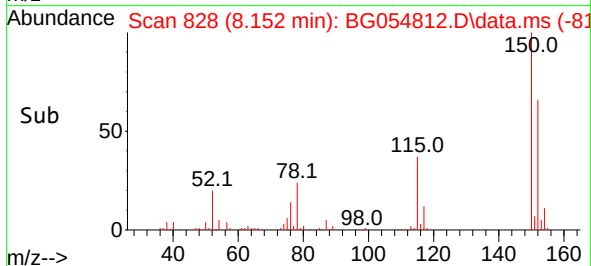
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



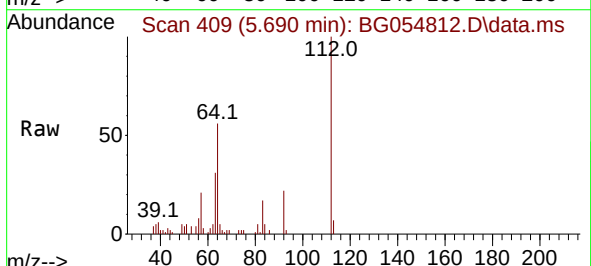
Tgt Ion:152 Resp: 5488
Ion Ratio Lower Upper
152 100
150 152.2 125.2 187.8
115 57.0 47.9 71.9

Manual Integrations
APPROVED

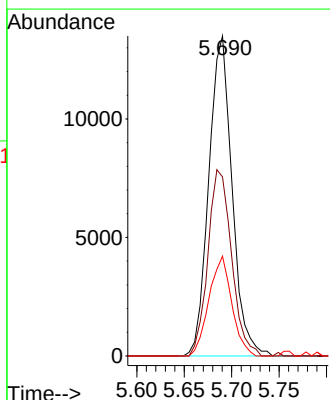
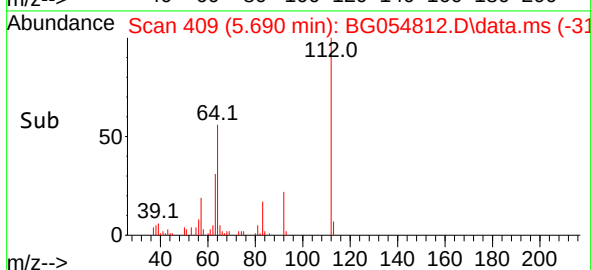
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

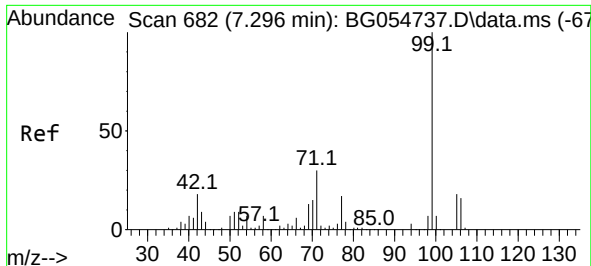


#5
2-Fluorophenol
Concen: 7.302 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.004 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



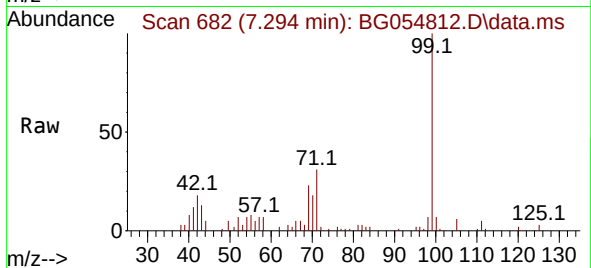
Tgt Ion:112 Resp: 23012
Ion Ratio Lower Upper
112 100
64 55.9 49.3 73.9
63 31.2 26.3 39.5





#7
Phenol-d6
Concen: 7.640 ng
RT: 7.294 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

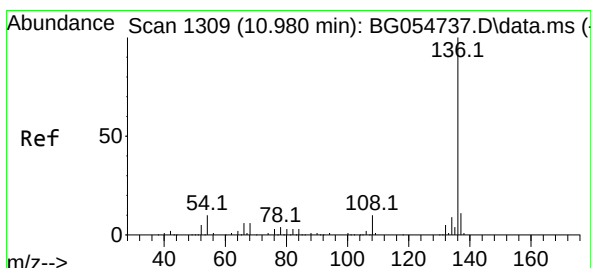
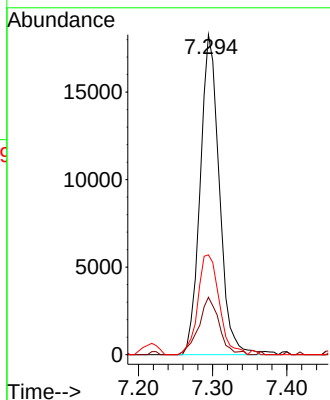
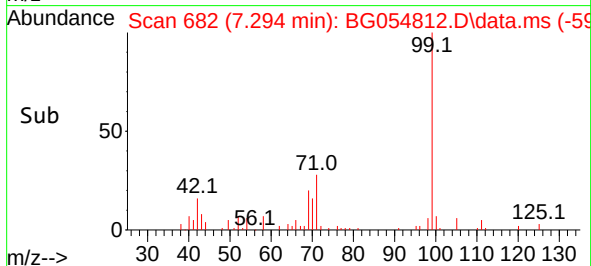
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



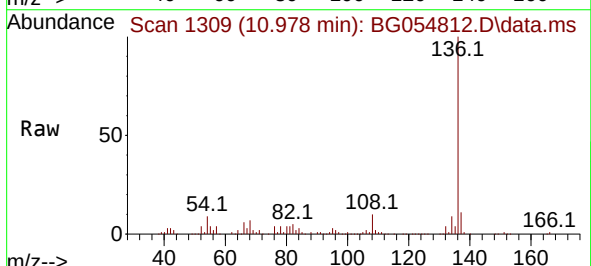
Tgt Ion: 99 Resp: 32930
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 31.2 24.6 37.0

Manual Integrations
APPROVED

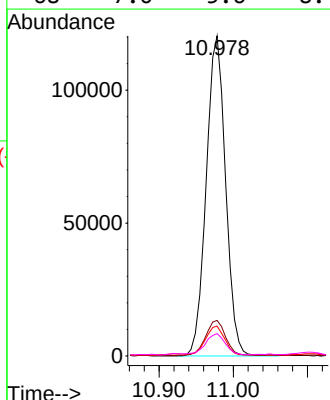
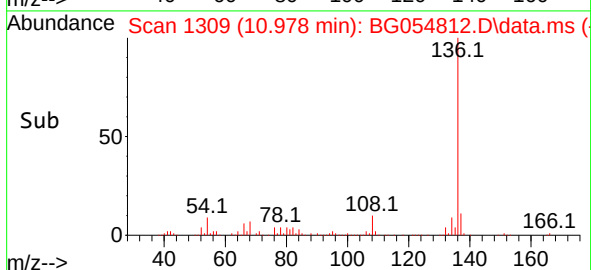
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

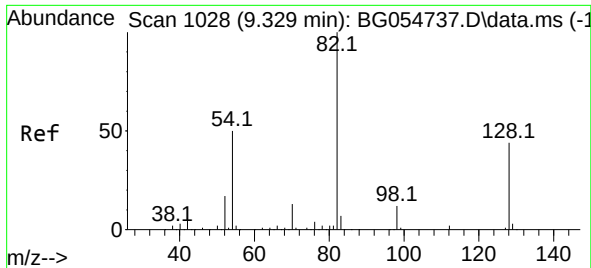


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



Tgt Ion:136 Resp: 218820
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.3 7.7 11.5
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 4.917 ng

RT: 9.321 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054812.D

Acq: 31 Aug 2022 18:49

Instrument :

BNA_G

ClientSampleId :

WC-PALM-SP-01

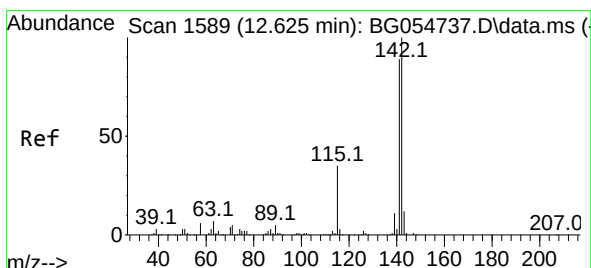
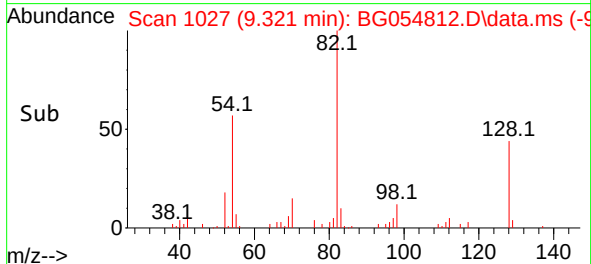
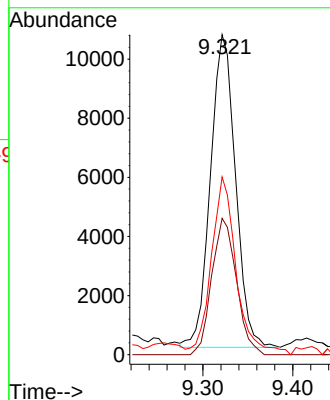
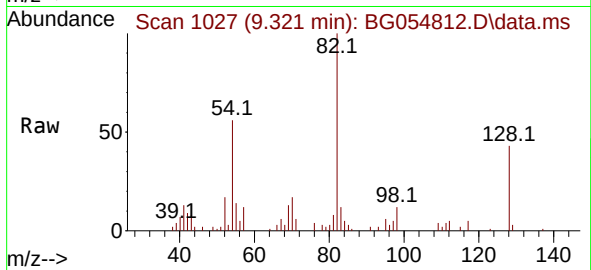
Tgt Ion:	82	Resp:	20494
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.2	48.2
54	55.5	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#37

2-Methylnaphthalene

Concen: 2.293 ng

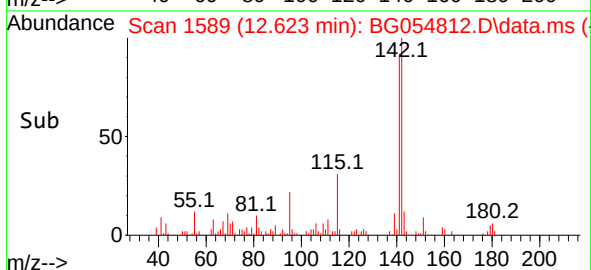
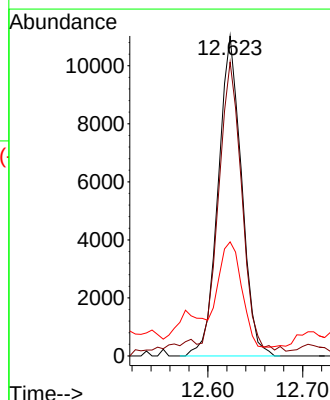
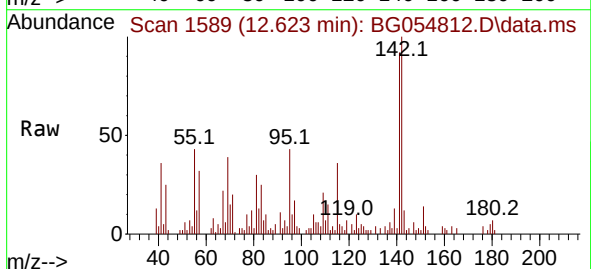
RT: 12.623 min Scan# 1589

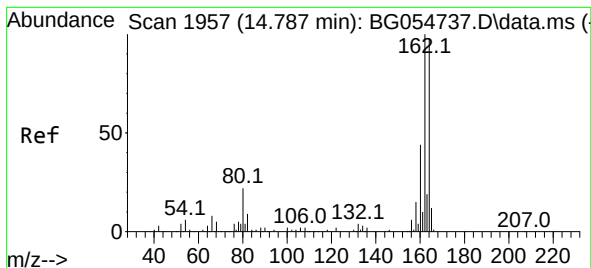
Delta R.T. -0.001 min

Lab File: BG054812.D

Acq: 31 Aug 2022 18:49

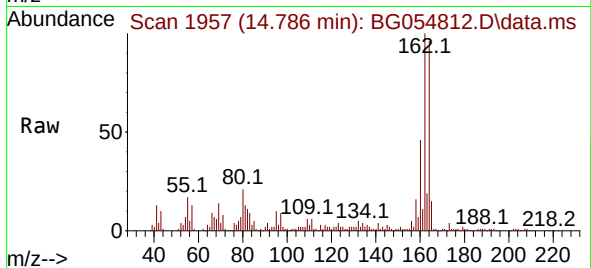
Tgt Ion:	142	Resp:	18867
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.0	109.4
115	35.6	27.3	40.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

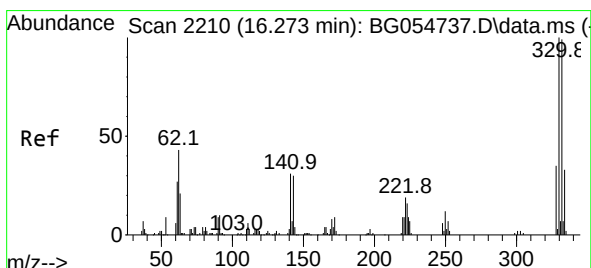
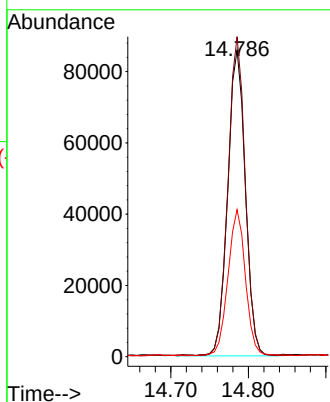
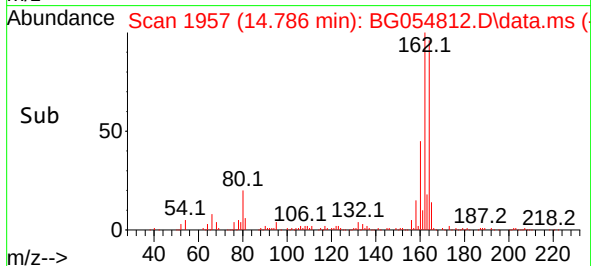
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



Tgt Ion:164 Resp: 136040
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.4
160 48.0 38.0 57.0

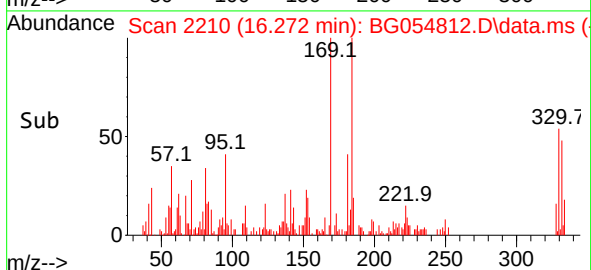
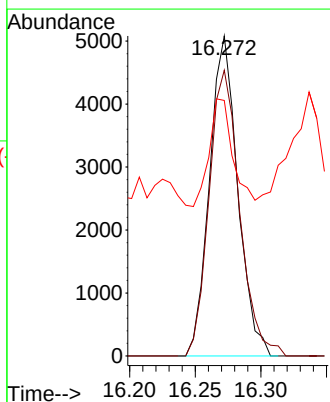
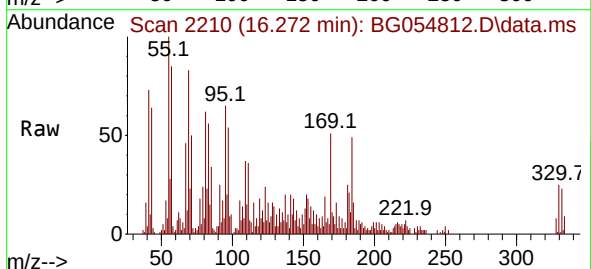
Manual Integrations
APPROVED

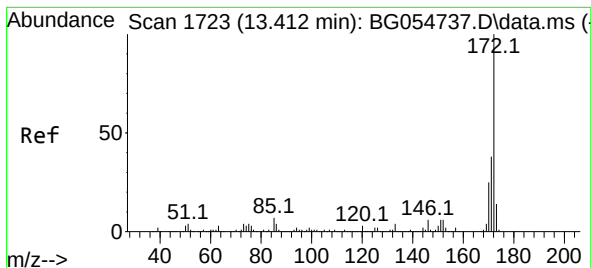
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#42
2,4,6-Tribromophenol
Concen: 4.467 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

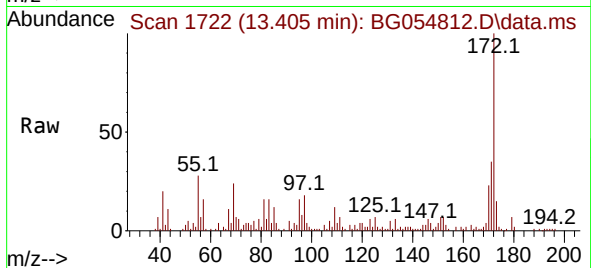
Tgt Ion:330 Resp: 7594
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 28.1 26.8 40.2





#45
2-Fluorobiphenyl
Concen: 5.724 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

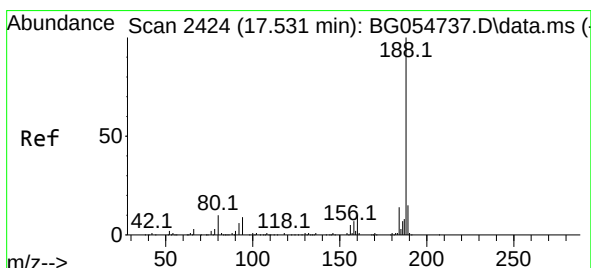
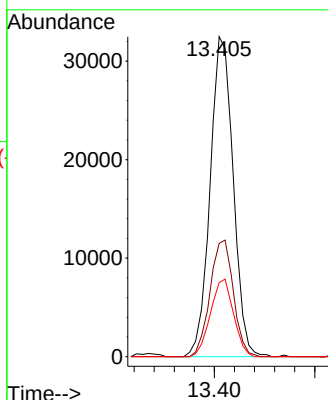
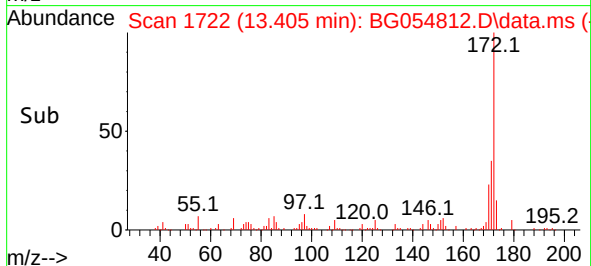
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



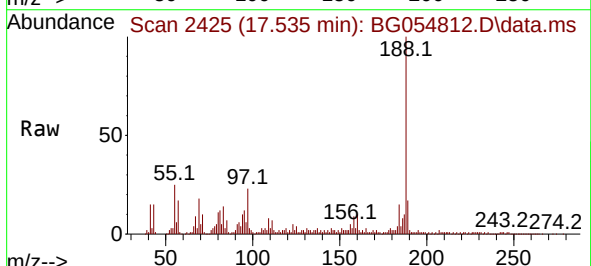
Tgt Ion:172 Resp: 51808
Ion Ratio Lower Upper
172 100
171 35.4 31.2 46.8
170 23.2 20.6 30.8

Manual Integrations
APPROVED

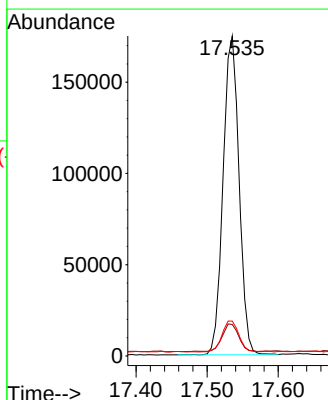
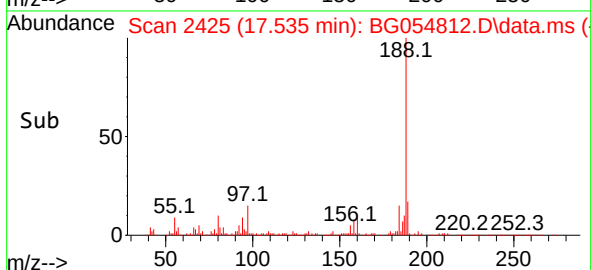
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

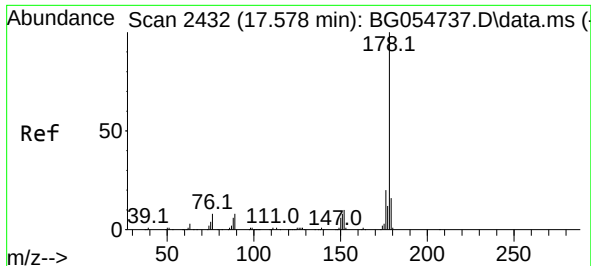


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. 0.004 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



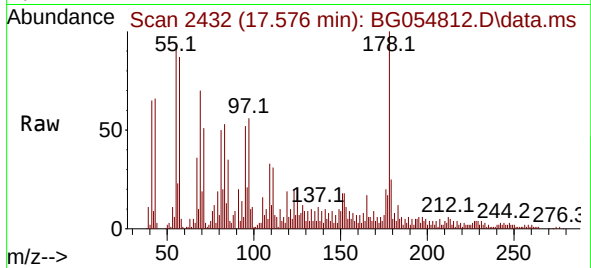
Tgt Ion:188 Resp: 272339
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.9 7.9 11.9





#71
Phenanthrene
Concen: 4.153 ng
RT: 17.576 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

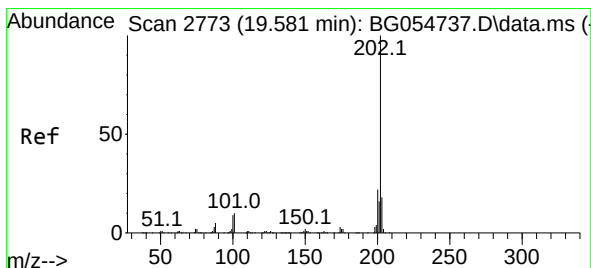
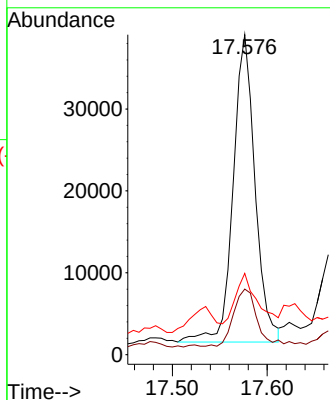
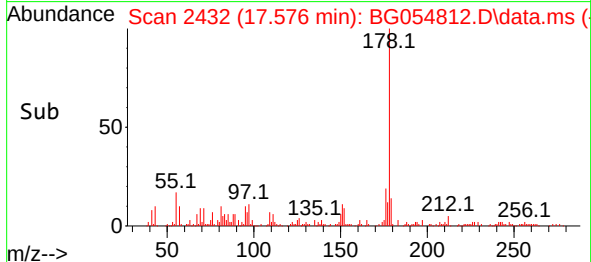
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



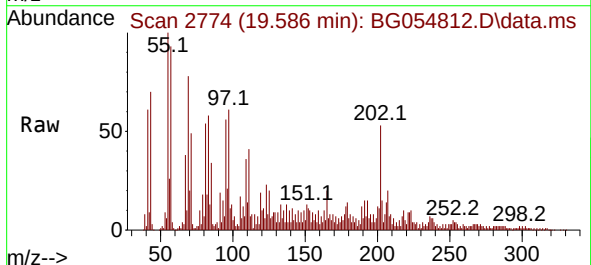
Tgt Ion:178 Resp: 6025
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 25.4 12.8 19.2

Manual Integrations
APPROVED

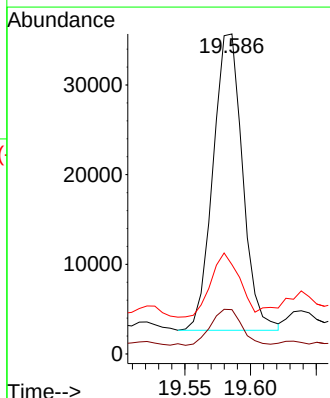
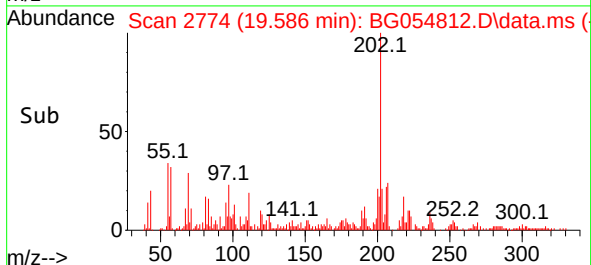
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

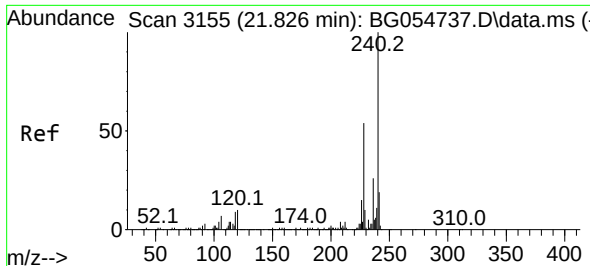


#75
Fluoranthene
Concen: 2.941 ng
RT: 19.586 min Scan# 2774
Delta R.T. 0.004 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



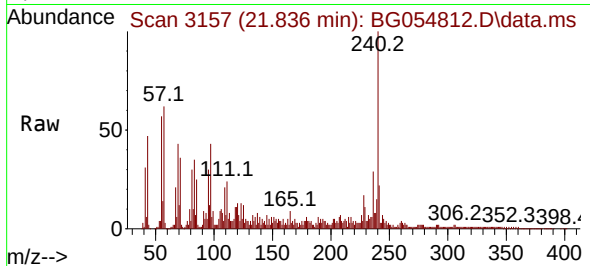
Tgt Ion:202 Resp: 51899
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.4
203 27.9 0.0 38.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.836 min Scan# 3155
Delta R.T. 0.010 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

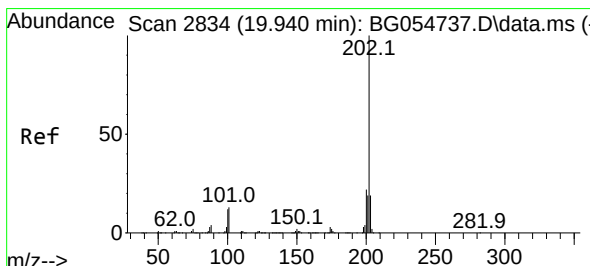
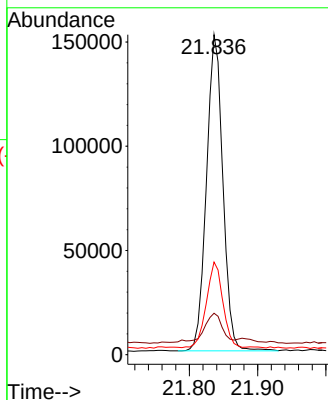
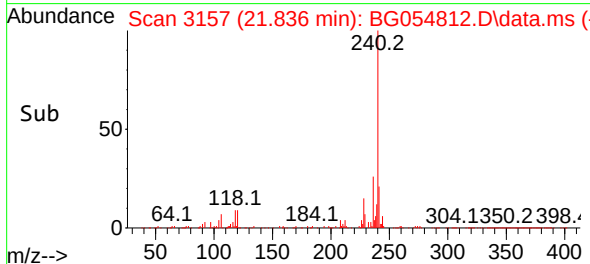
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



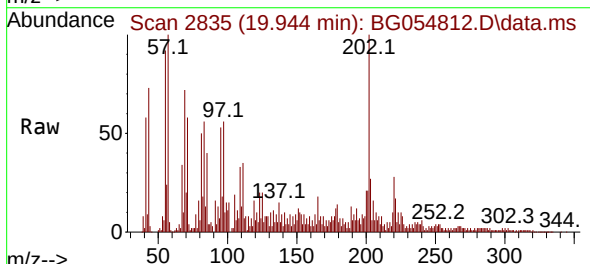
Tgt Ion:240 Resp: 25387
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.4
236 28.9 21.2 31.8

Manual Integrations
APPROVED

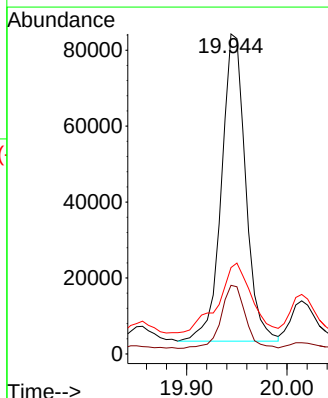
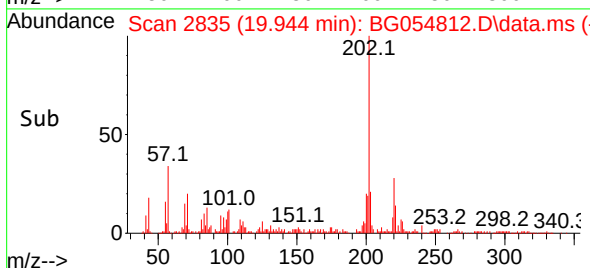
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

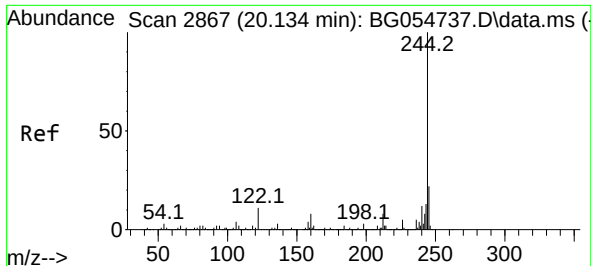


#78
Pyrene
Concen: 7.641 ng
RT: 19.944 min Scan# 2835
Delta R.T. 0.004 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



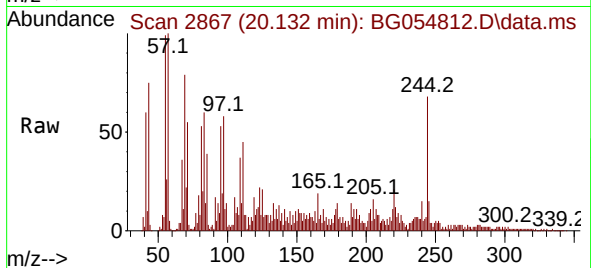
Tgt Ion:202 Resp: 135271
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 27.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 6.005 ng
 RT: 20.132 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054812.D
 Acq: 31 Aug 2022 18:49

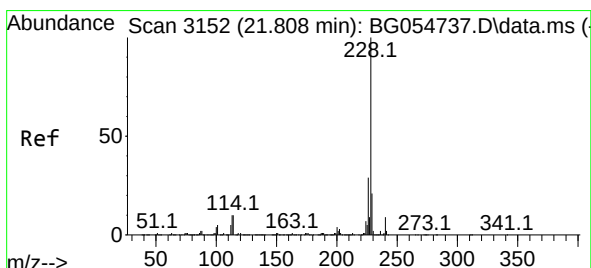
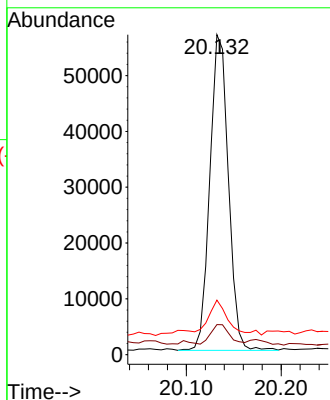
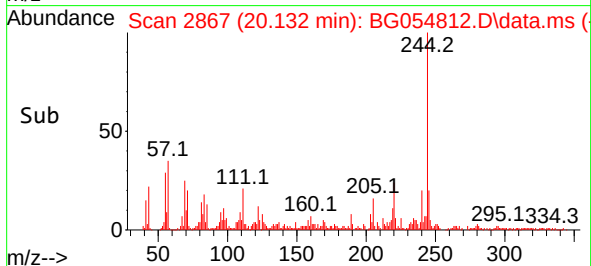
Instrument :
 BNA_G
 ClientSampleId :
 WC-PALM-SP-01



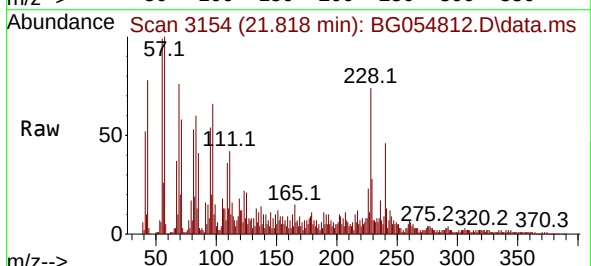
Tgt Ion:244 Resp: 76938
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.2 9.2
 122 17.0 9.0 13.6

Manual Integrations
 APPROVED

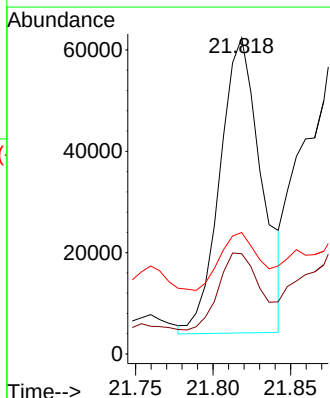
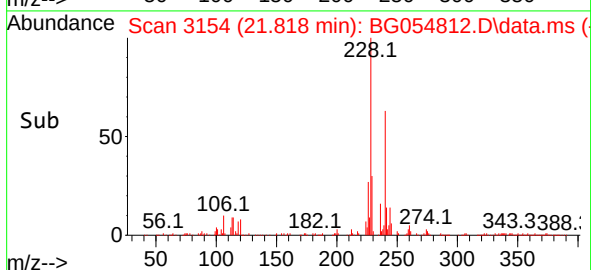
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

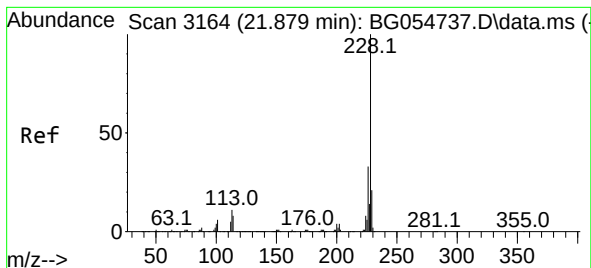


#81
 Benzo(a)anthracene
 Concen: 6.304 ng
 RT: 21.818 min Scan# 3154
 Delta R.T. 0.010 min
 Lab File: BG054812.D
 Acq: 31 Aug 2022 18:49



Tgt Ion:228 Resp: 108505
 Ion Ratio Lower Upper
 228 100
 226 31.7 23.4 35.2
 229 38.4 16.5 24.7





#83

Chrysene

Concen: 10.459 ng

RT: 21.883 min Scan# 3164

Delta R.T. 0.004 min

Lab File: BG054812.D

Acq: 31 Aug 2022 18:49

Instrument :

BNA_G

ClientSampleId :

WC-PALM-SP-01

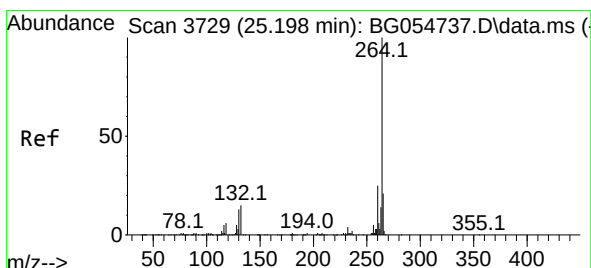
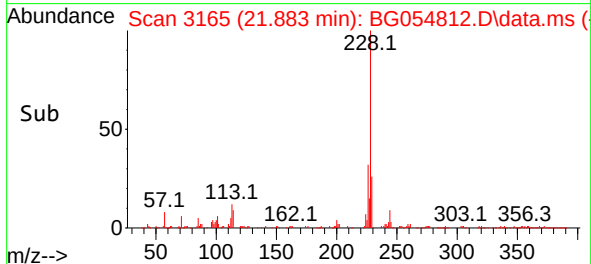
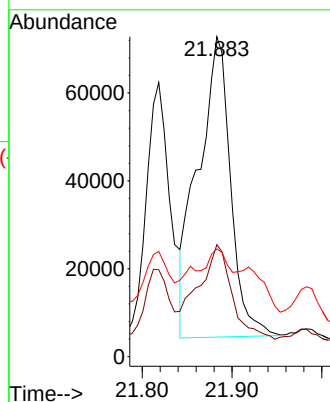
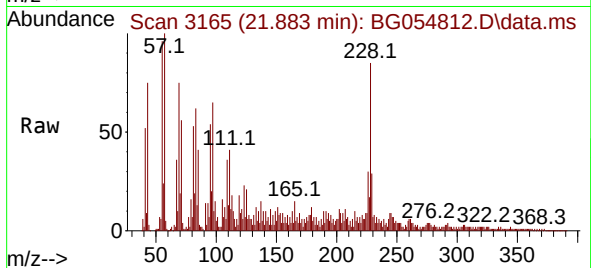
Tgt Ion:	228	Resp:	172140
Ion Ratio	Lower	Upper	
228	100		
226	35.0	25.5	38.3
229	33.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#86

Perylene-d12

Concen: 20.000 ng

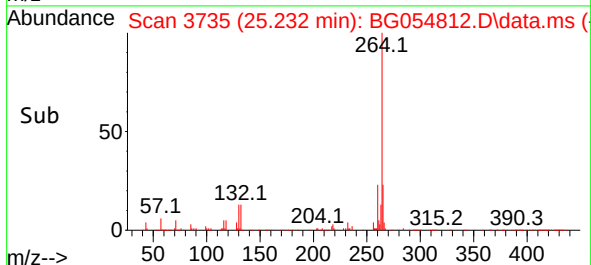
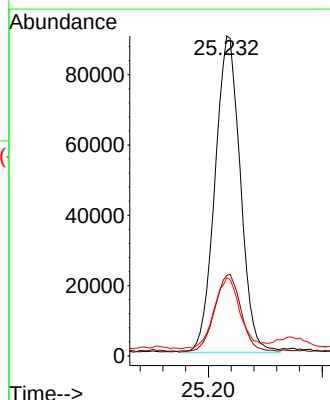
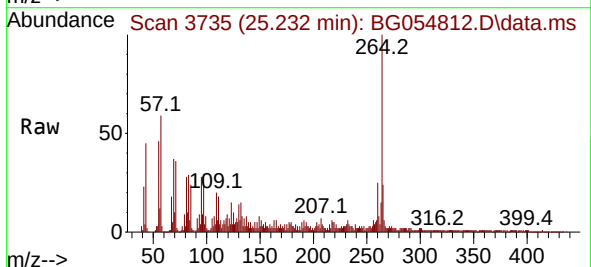
RT: 25.232 min Scan# 3735

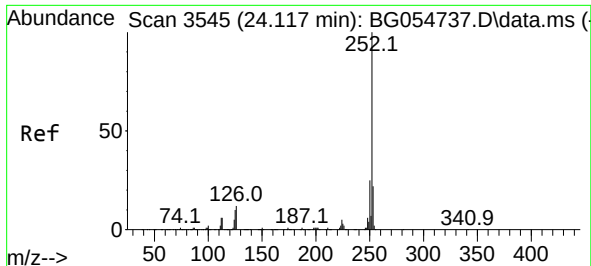
Delta R.T. 0.034 min

Lab File: BG054812.D

Acq: 31 Aug 2022 18:49

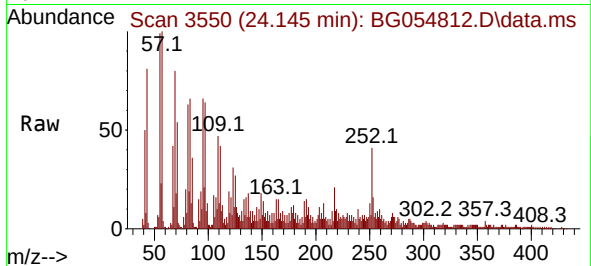
Tgt Ion:	264	Resp:	278289
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.9	29.9
265	24.4	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 3.484 ng m
RT: 24.145 min Scan# 3545
Delta R.T. 0.028 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

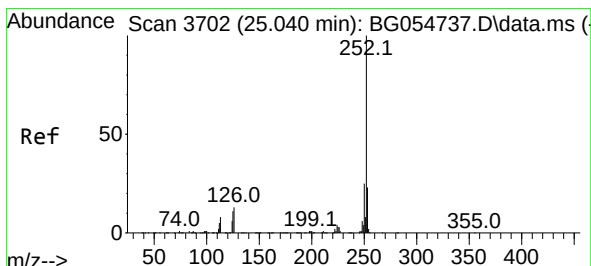
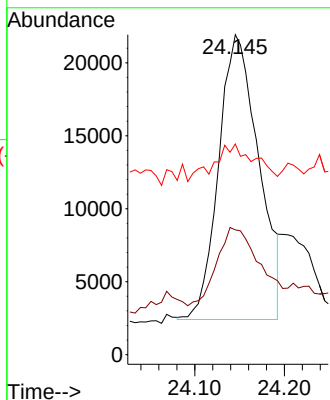
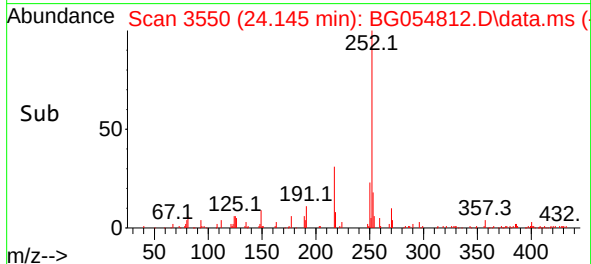
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



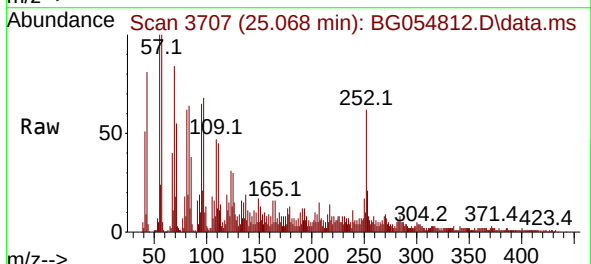
Tgt Ion:252 Resp: 60828
Ion Ratio Lower Upper
252 100
253 39.0 18.0 27.0#
125 65.9 8.1 12.1#

Manual Integrations
APPROVED

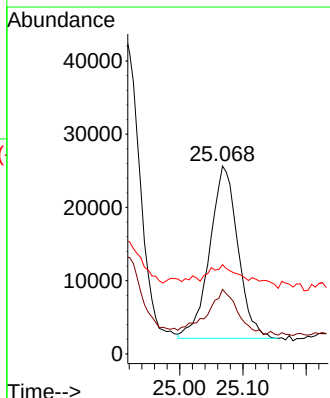
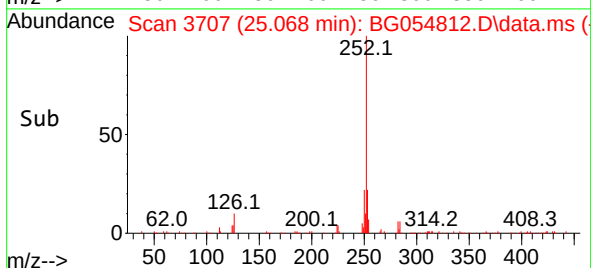
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

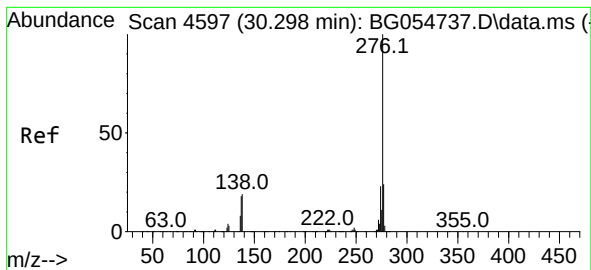


#90
Benzo(a)pyrene
Concen: 4.894 ng
RT: 25.068 min Scan# 3707
Delta R.T. 0.028 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49



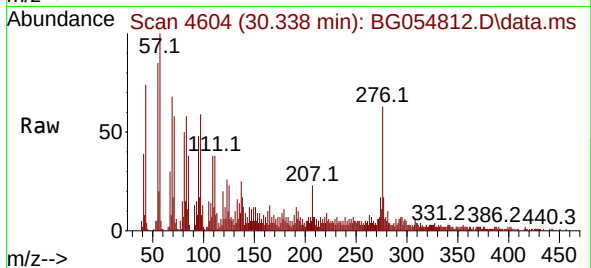
Tgt Ion:252 Resp: 73000
Ion Ratio Lower Upper
252 100
253 34.4 18.3 27.5#
125 47.6 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.248 ng
RT: 30.338 min Scan# 4604
Delta R.T. 0.040 min
Lab File: BG054812.D
Acq: 31 Aug 2022 18:49

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01



Tgt Ion:276 Resp: 56470
Ion Ratio Lower Upper
276 100
277 27.5 19.4 29.0
138 27.4 16.6 25.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

