

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054846.D
 Acq On : 2 Sep 2022 18:59
 Operator : CG/JU
 Sample : N4488-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-3-090122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 00:30:14 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	8.150	152	52059	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	207180	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	132095	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	271436	20.000	ng	0.00
76) Chrysene-d12	21.822	240	245708	20.000	ng	0.00
86) Perylene-d12	25.206	264	241782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	24339	8.141	ng	0.00
7) Phenol-d6	7.304	99	32783	8.018	ng	0.00
23) Nitrobenzene-d5	9.325	82	19945	5.054	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	12004	7.272	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	51873	5.902	ng	0.00
79) Terphenyl-d14	20.124	244	75148	6.060	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.574	178	147814	10.223	ng	98
75) Fluoranthene	19.578	202	165516	9.410	ng	98
78) Pyrene	19.942	202	232034	13.543	ng	97
81) Benzo(a)anthracene	21.804	228	90182	5.413	ng	# 89
83) Chrysene	21.869	228	95588	6.001	ng	96
88) Benzo(b)fluoranthene	24.131	252	72225	4.762	ng	# 84
89) Benzo(k)fluoranthene	24.190	252	35322m	2.314	ng	
90) Benzo(a)pyrene	25.042	252	65795	5.077	ng	# 89

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

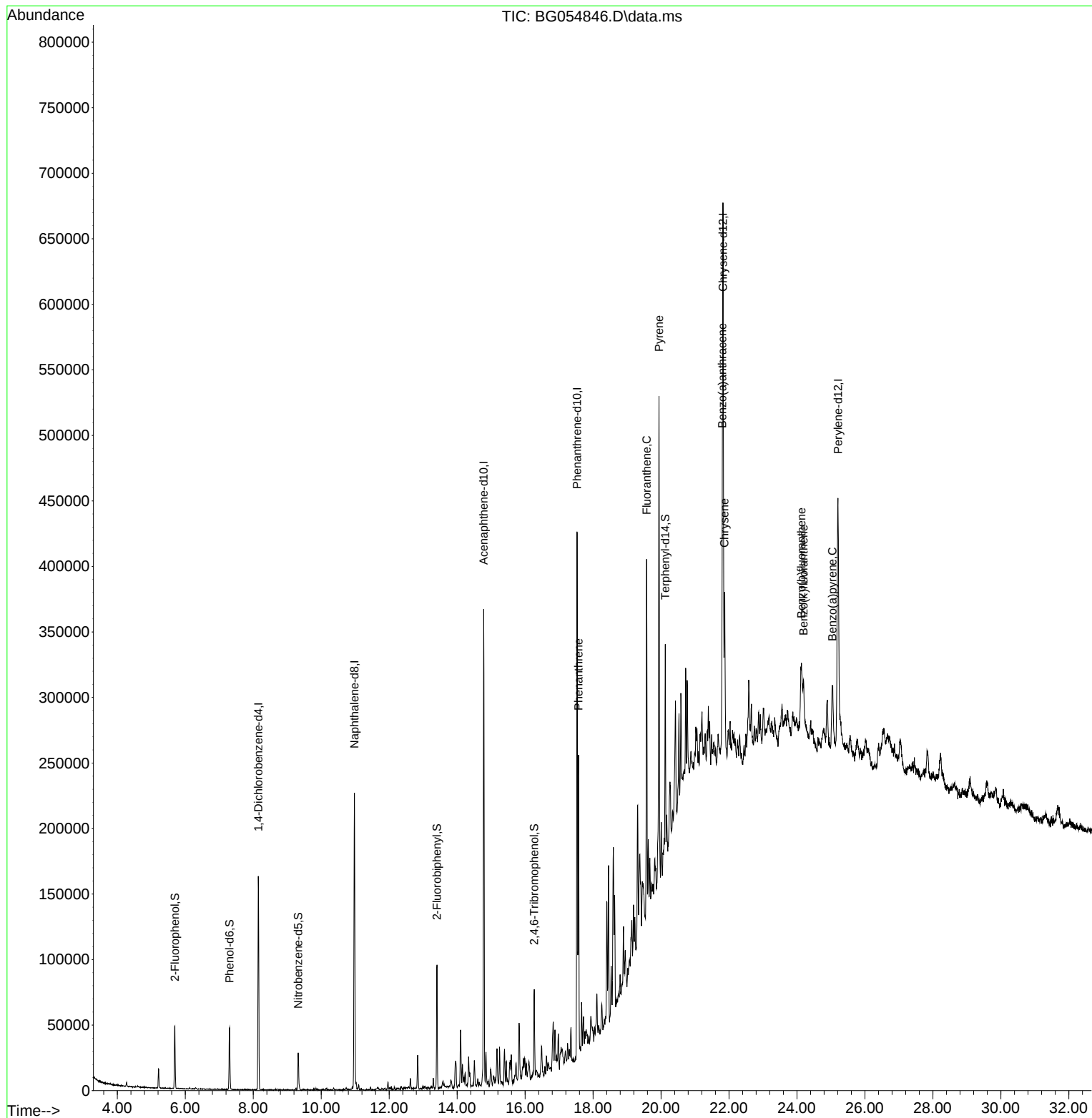
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
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Sample : N4488-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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OR-3-090122

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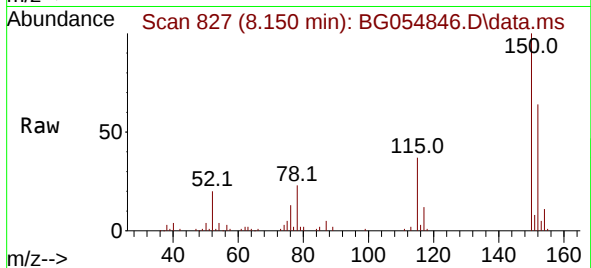
Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

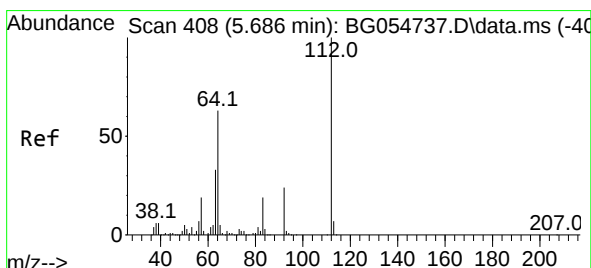
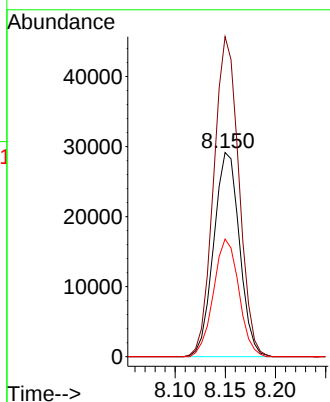
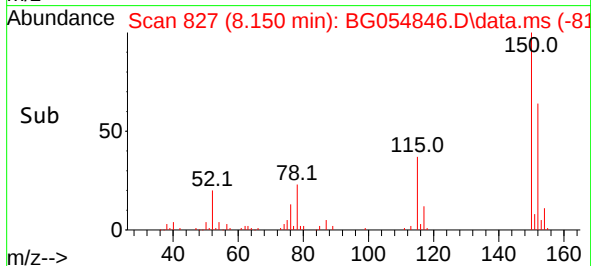
Instrument :
BNA_G
ClientSampleId :
OR-3-090122



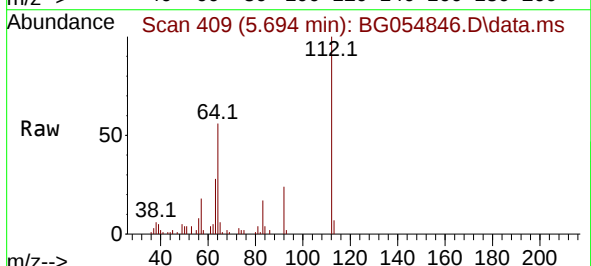
Tgt Ion:152 Resp: 52059
Ion Ratio Lower Upper
152 100
150 156.7 125.2 187.8
115 57.6 47.9 71.9

Manual Integrations
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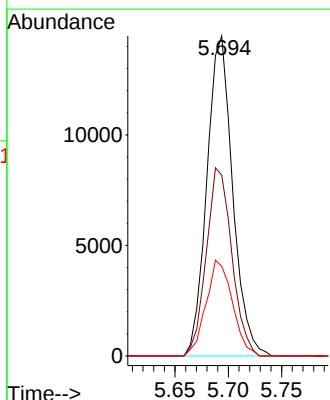
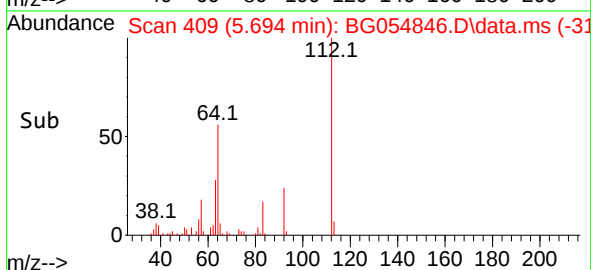
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#5
2-Fluorophenol
Concen: 8.141 ng
RT: 5.694 min Scan# 409
Delta R.T. 0.008 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59



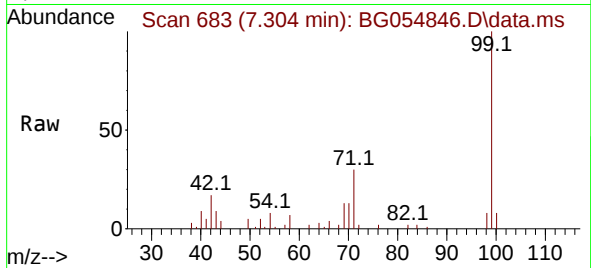
Tgt Ion:112 Resp: 24339
Ion Ratio Lower Upper
112 100
64 56.4 49.3 73.9
63 28.0 26.3 39.5





#7
Phenol-d6
Concen: 8.018 ng
RT: 7.304 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

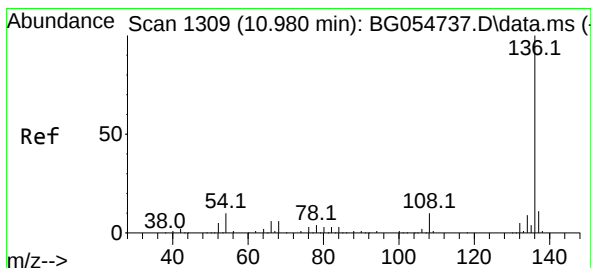
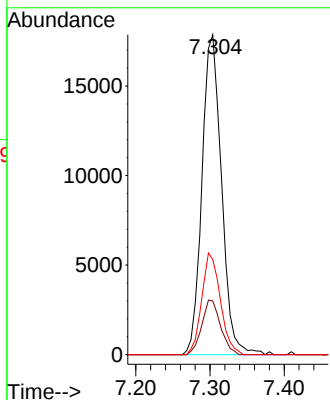
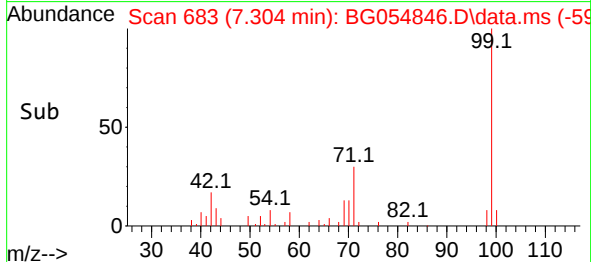
Instrument :
BNA_G
ClientSampleId :
OR-3-090122



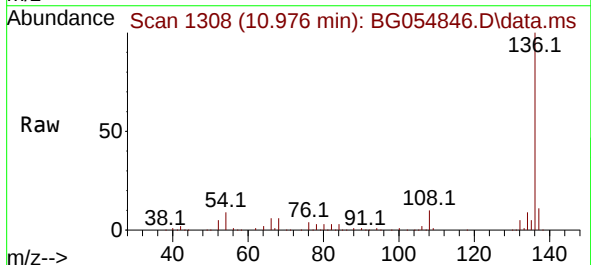
Tgt Ion: 99 Resp: 3278
Ion Ratio Lower Upper
99 100
42 16.8 14.6 22.0
71 29.7 24.6 37.0

Manual Integrations
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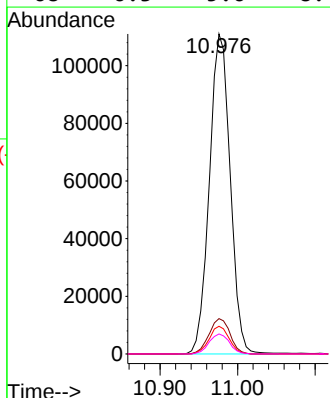
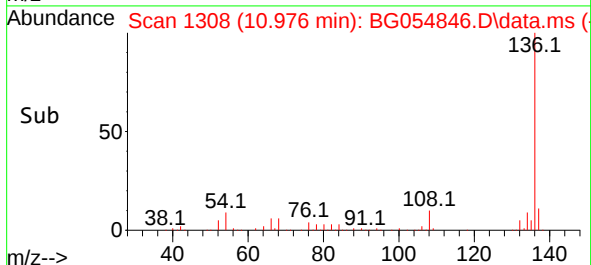
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

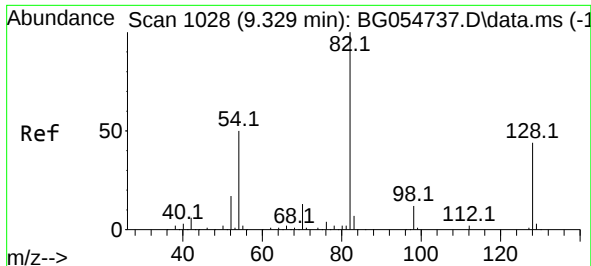


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59



Tgt Ion:136 Resp: 207180
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.7 7.7 11.5
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 5.054 ng

RT: 9.325 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054846.D

Acq: 2 Sep 2022 18:59

Instrument :

BNA_G

ClientSampleId :

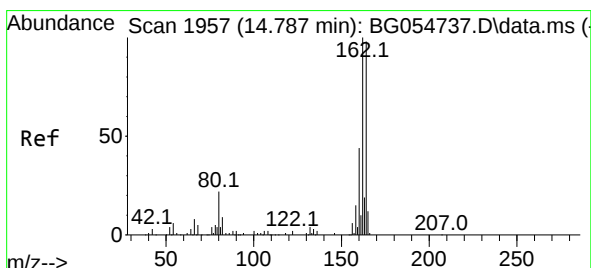
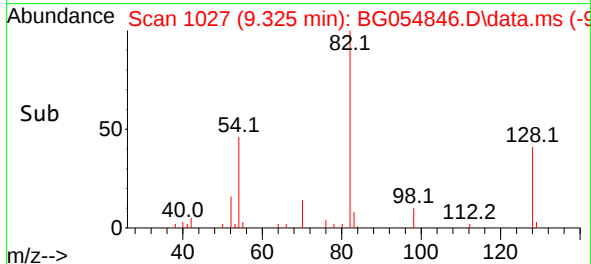
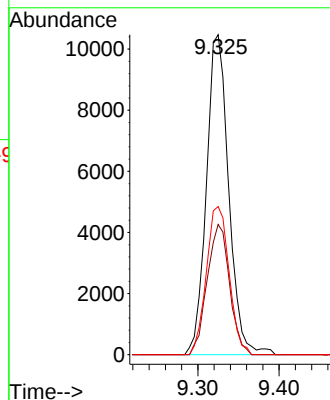
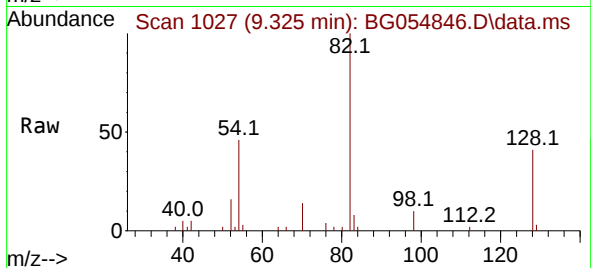
OR-3-090122

Tgt Ion:	82	Resp:	1994
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.2
54	46.3	41.4	62.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/06/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

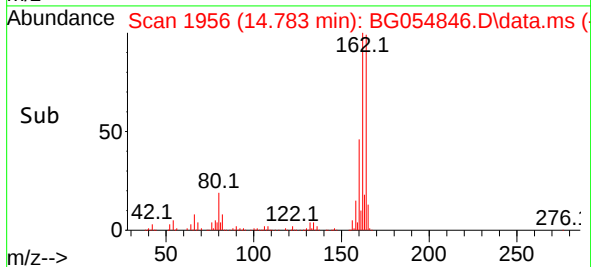
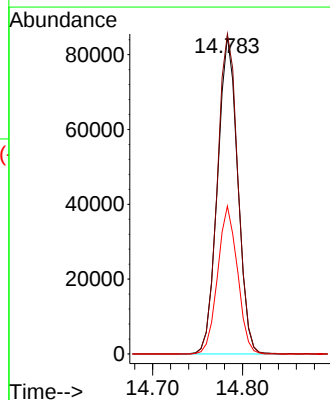
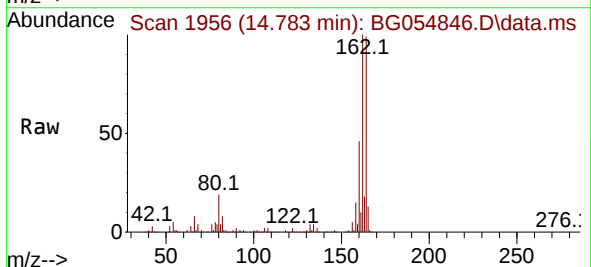
RT: 14.783 min Scan# 1956

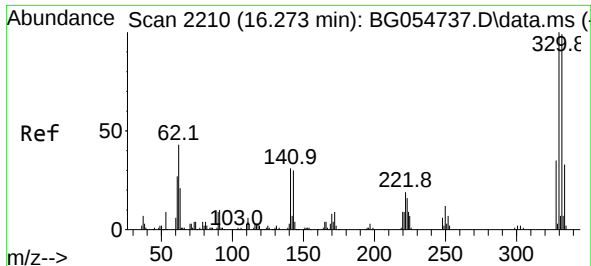
Delta R.T. -0.004 min

Lab File: BG054846.D

Acq: 2 Sep 2022 18:59

Tgt Ion:	164	Resp:	132095
Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.0	124.4
160	46.6	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 7.272 ng
RT: 16.270 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Instrument :

BNA_G

ClientSampleId :

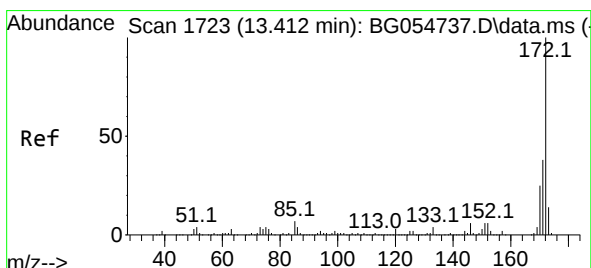
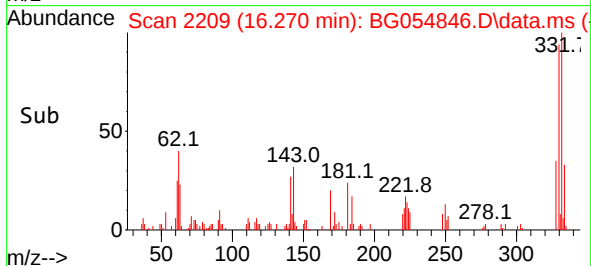
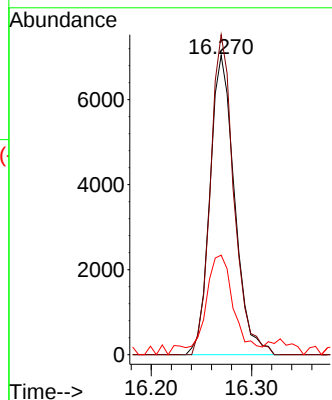
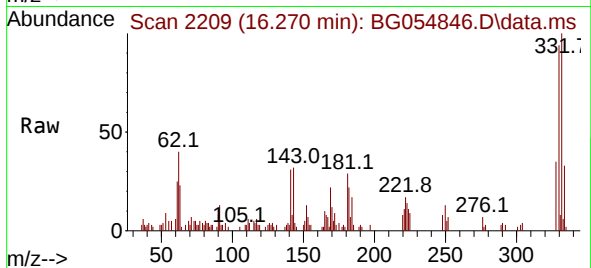
OR-3-090122

Tgt Ion:330 Resp: 12004
Ion Ratio Lower Upper
330 100
332 101.8 79.8 119.6
141 39.6 26.8 40.2

Manual Integrations

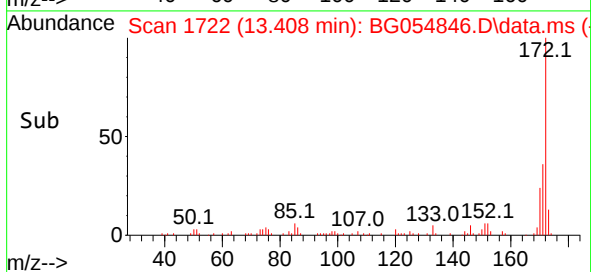
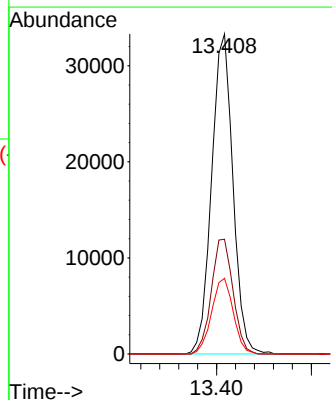
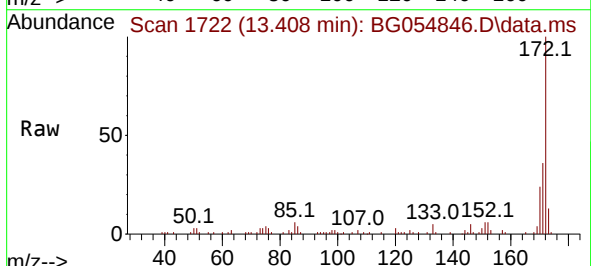
APPROVED

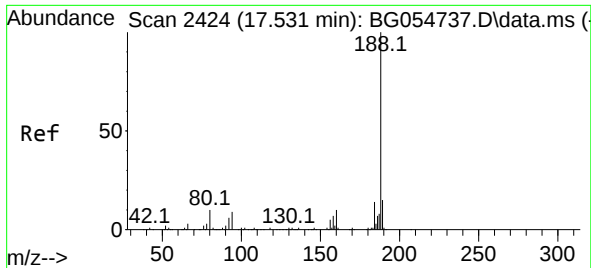
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#45
2-Fluorobiphenyl
Concen: 5.902 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Tgt Ion:172 Resp: 51873
Ion Ratio Lower Upper
172 100
171 35.9 31.2 46.8
170 23.7 20.6 30.8





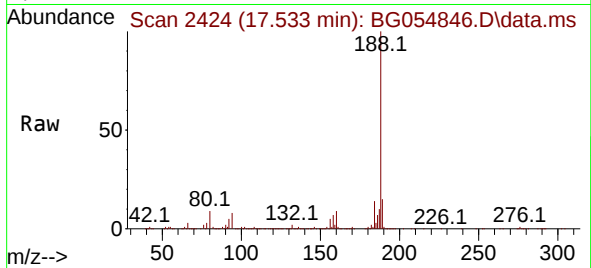
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2424
Delta R.T. 0.002 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Instrument :

BNA_G

ClientSampleId :

OR-3-090122

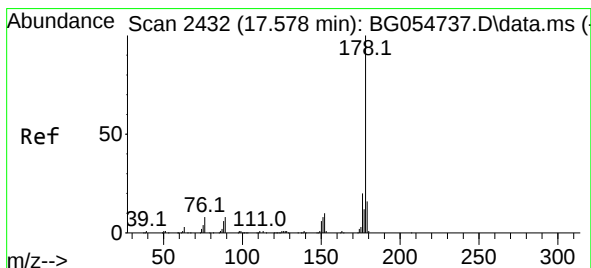
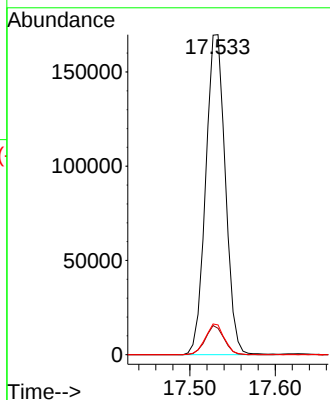
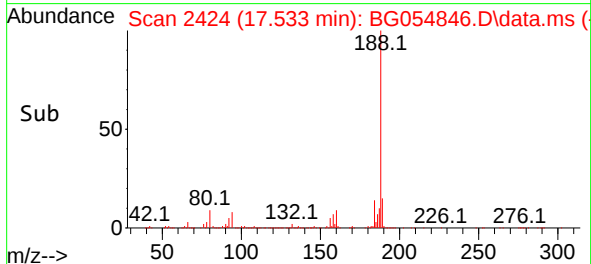


Tgt Ion:188 Resp: 271430
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.3 7.9 11.9

Manual Integrations

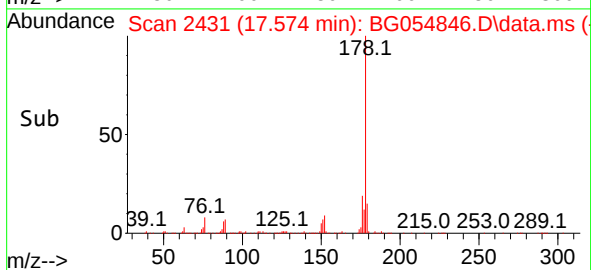
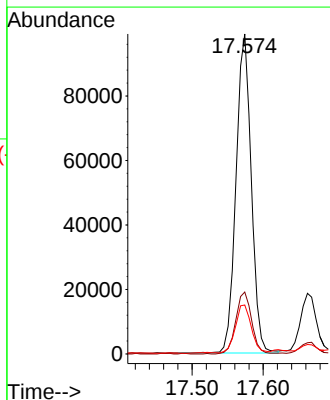
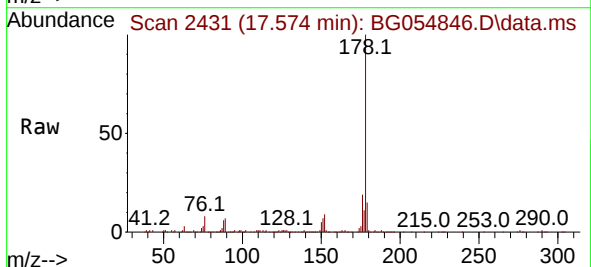
APPROVED

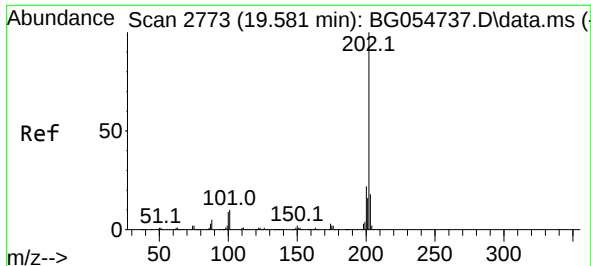
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#71
Phenanthrene
Concen: 10.223 ng
RT: 17.574 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

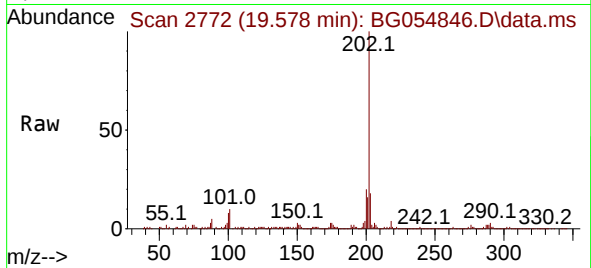
Tgt Ion:178 Resp: 147814
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 15.3 12.8 19.2





#75
Fluoranthene
Concen: 9.410 ng
RT: 19.578 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

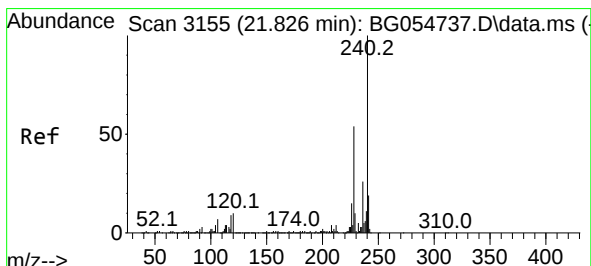
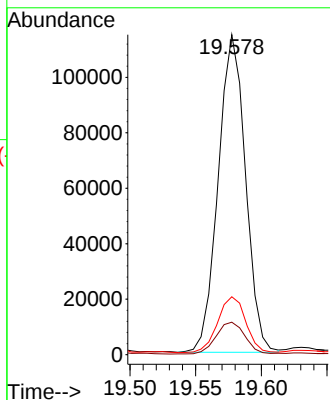
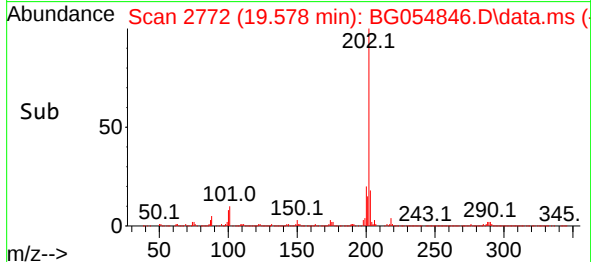
Instrument :
BNA_G
ClientSampleId :
OR-3-090122



Tgt Ion:202 Resp: 165510
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.4
203 18.1 0.0 38.6

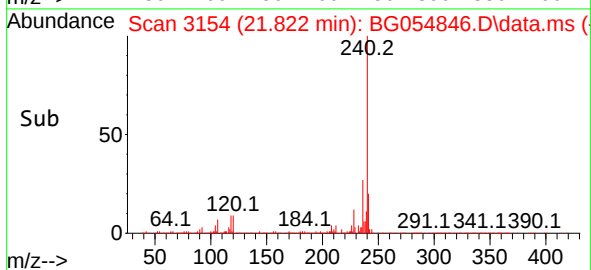
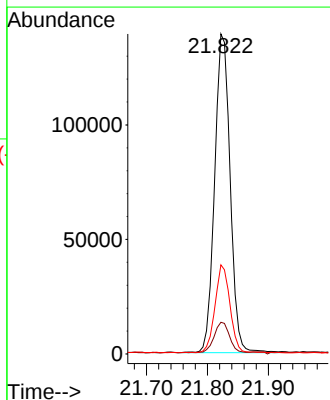
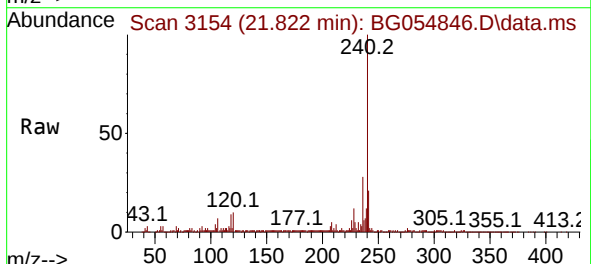
Manual Integrations
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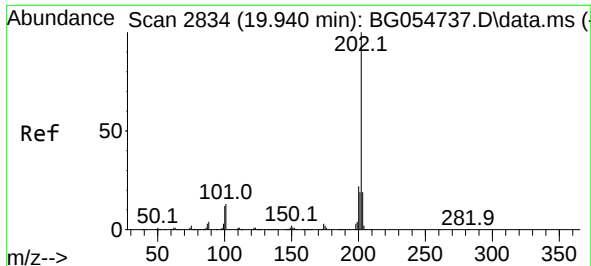
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Tgt Ion:240 Resp: 245708
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 27.9 21.2 31.8





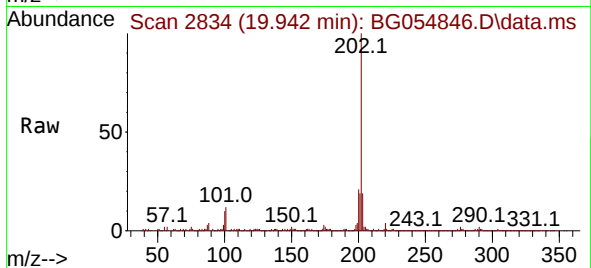
#78
Pyrene
Concen: 13.543 ng
RT: 19.942 min Scan# 2834
Delta R.T. 0.002 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Instrument :

BNA_G

ClientSampleId :

OR-3-090122

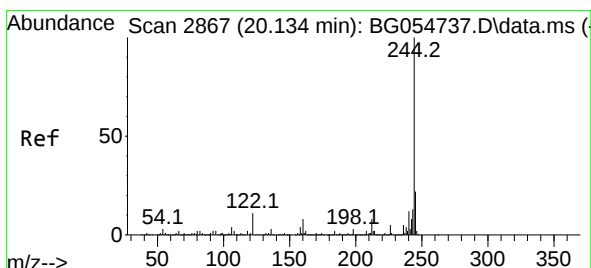
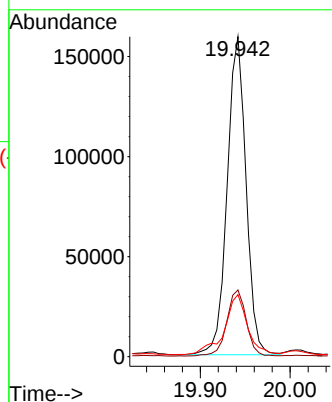
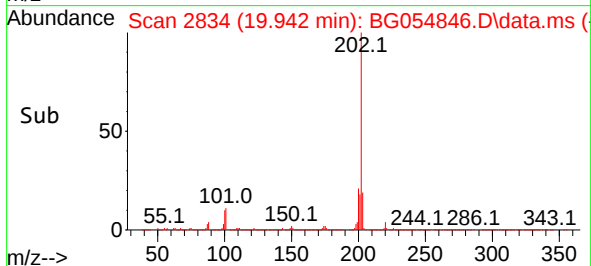


Tgt Ion:202 Resp: 232034
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 19.4 14.6 21.8

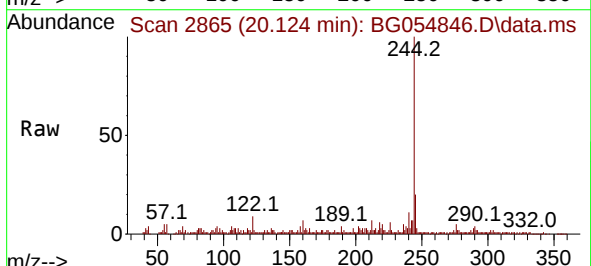
Manual Integrations

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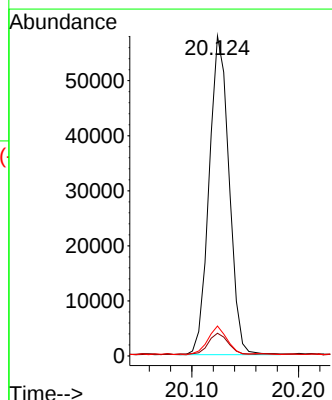
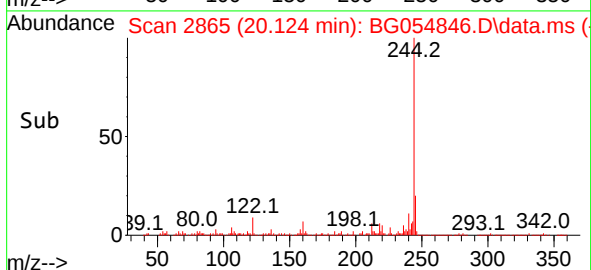
Reviewed By :Christian Giraldo 09/06/2022
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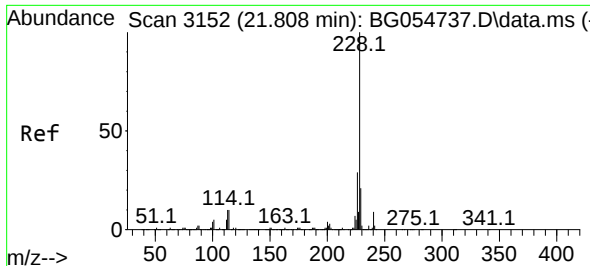


#79
Terphenyl-d14
Concen: 6.060 ng
RT: 20.124 min Scan# 2865
Delta R.T. -0.010 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59



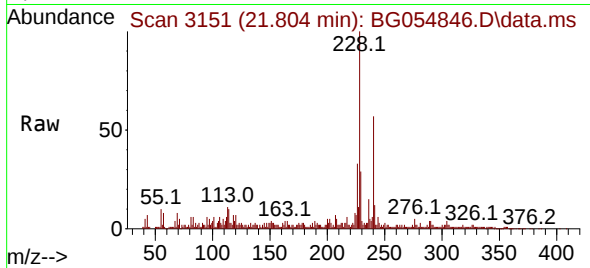
Tgt Ion:244 Resp: 75148
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 9.3 9.0 13.6





#81
Benzo(a)anthracene
Concen: 5.413 ng
RT: 21.804 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

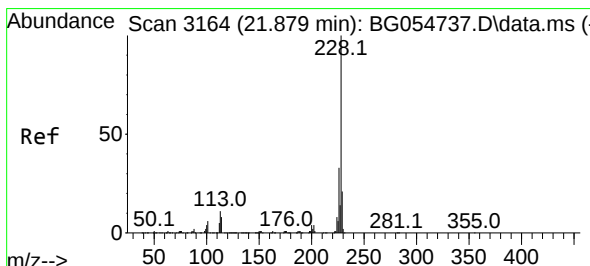
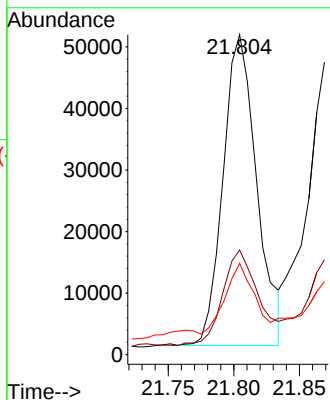
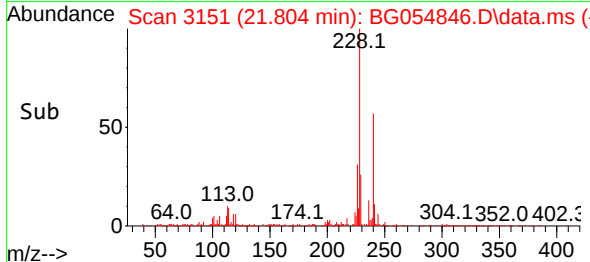
Instrument :
BNA_G
ClientSampleId :
OR-3-090122



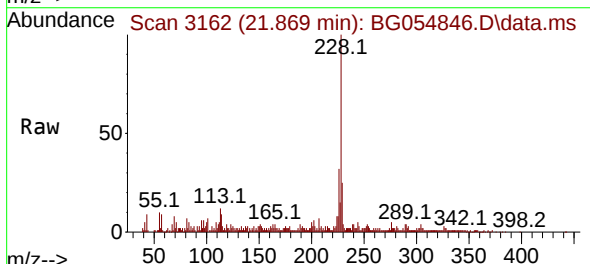
Tgt Ion:228 Resp: 90182
Ion Ratio Lower Upper
228 100
226 32.7 23.4 35.2
229 28.5 16.5 24.7

Manual Integrations
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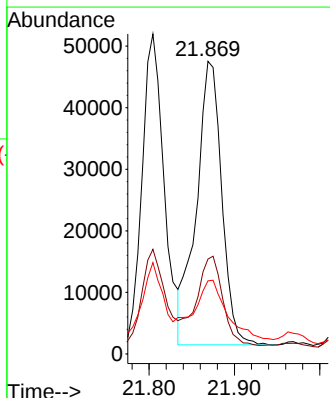
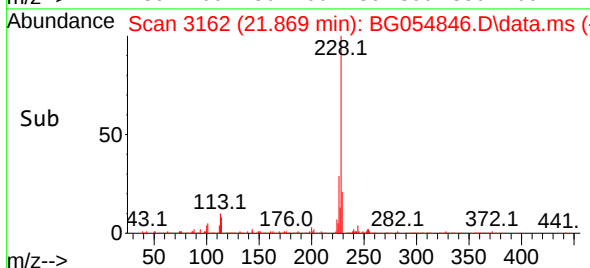
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

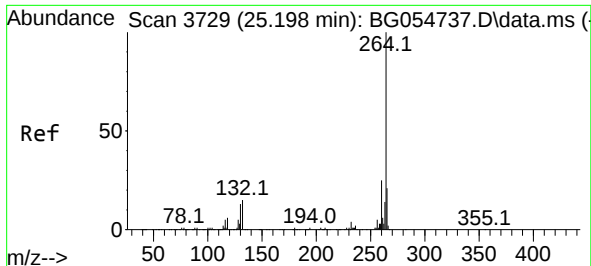


#83
Chrysene
Concen: 6.001 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.010 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59



Tgt Ion:228 Resp: 95588
Ion Ratio Lower Upper
228 100
226 32.4 25.5 38.3
229 25.0 16.8 25.2





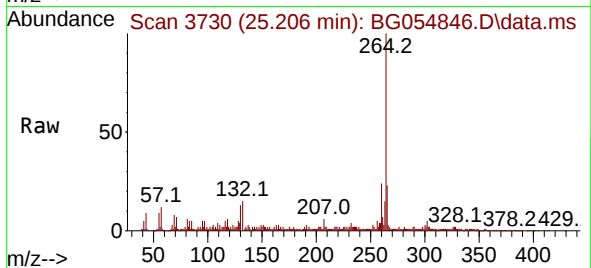
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.206 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

Instrument :

BNA_G

ClientSampleId :

OR-3-090122

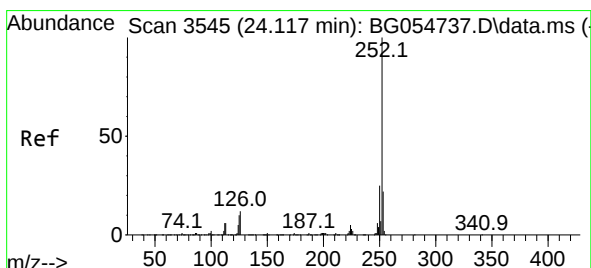
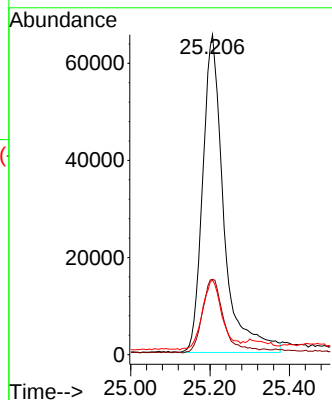
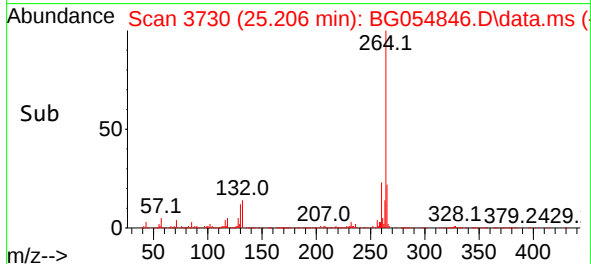


Tgt Ion:264 Resp: 24178
Ion Ratio Lower Upper
264 100
260 23.5 19.9 29.9
265 23.4 16.9 25.3

Manual Integrations

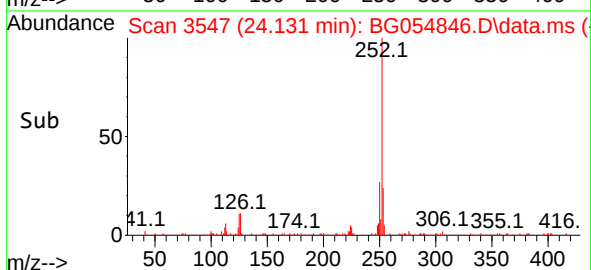
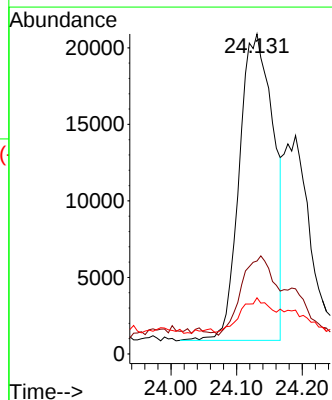
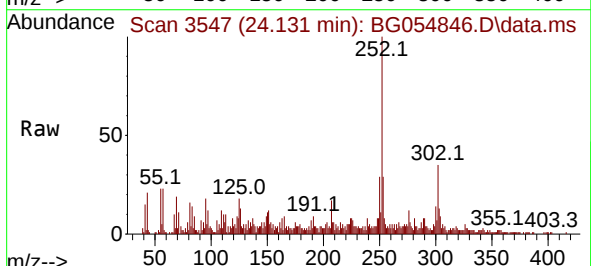
APPROVED

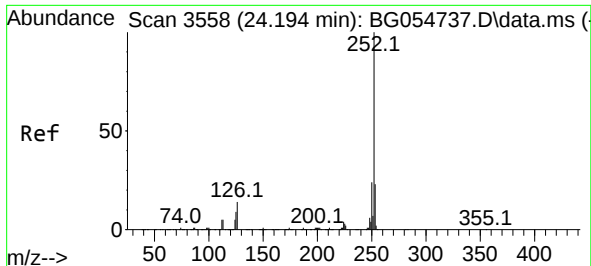
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#88
Benzo(b)fluoranthene
Concen: 4.762 ng
RT: 24.131 min Scan# 3547
Delta R.T. 0.014 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

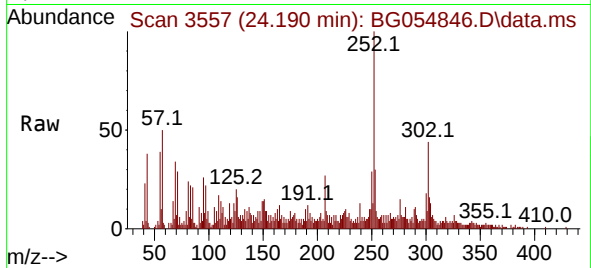
Tgt Ion:252 Resp: 72225
Ion Ratio Lower Upper
252 100
253 29.1 18.0 27.0#
125 17.6 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 2.314 ng m
RT: 24.190 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59

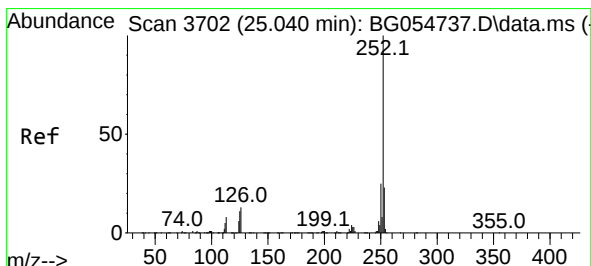
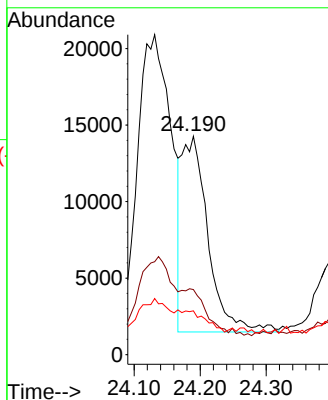
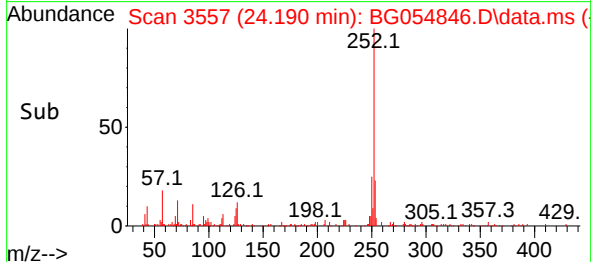
Instrument :
BNA_G
ClientSampleId :
OR-3-090122



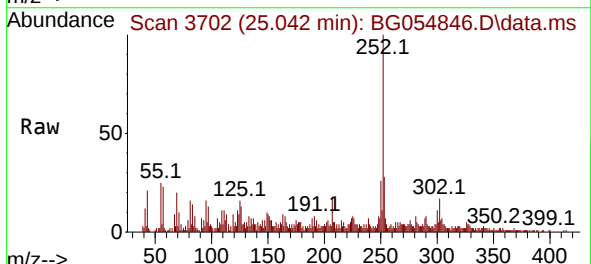
Tgt Ion:252 Resp: 3532
Ion Ratio Lower Upper
252 100
253 29.8 17.8 26.8
125 20.1 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#90
Benzo(a)pyrene
Concen: 5.077 ng
RT: 25.042 min Scan# 3702
Delta R.T. 0.002 min
Lab File: BG054846.D
Acq: 2 Sep 2022 18:59



Tgt Ion:252 Resp: 65795
Ion Ratio Lower Upper
252 100
253 28.1 18.3 27.5#
125 15.7 8.8 13.2#

