

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054890.D
 Acq On : 8 Sep 2022 19:18
 Operator : CG/JU
 Sample : N4530-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19-COMP

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:51:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	45866	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	190012	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	127210	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	276747	20.000	ng	0.00
76) Chrysene-d12	21.827	240	257695	20.000	ng	0.00
86) Perylene-d12	25.211	264	274640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	251907	95.640	ng	0.00
7) Phenol-d6	7.303	99	339149	94.153	ng	0.00
23) Nitrobenzene-d5	9.324	82	202205	55.865	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	150361	94.592	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	513103	60.624	ng	0.00
79) Terphenyl-d14	20.129	244	791086	60.826	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	17.186	266	8716m	4.696	ng	
71) Phenanthrene	17.573	178	31456	2.134	ng	97
75) Fluoranthene	19.577	202	98328	5.483	ng	98
78) Pyrene	19.941	202	96493	5.370	ng	99
80) Butylbenzylphthalate	20.811	149	15351	2.048	ng	94
81) Benzo(a)anthracene	21.810	228	55847	3.196	ng	100
83) Chrysene	21.874	228	61544m	3.684	ng	
87) Indeno(1,2,3-cd)pyrene	29.095	276	56151	2.693	ng	# 94
88) Benzo(b)fluoranthene	24.130	252	92699	5.381	ng	98
90) Benzo(a)pyrene	25.047	252	63375	4.306	ng	95
92) Benzo(g,h,i)perylene	30.323	276	65887	3.840	ng	99

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

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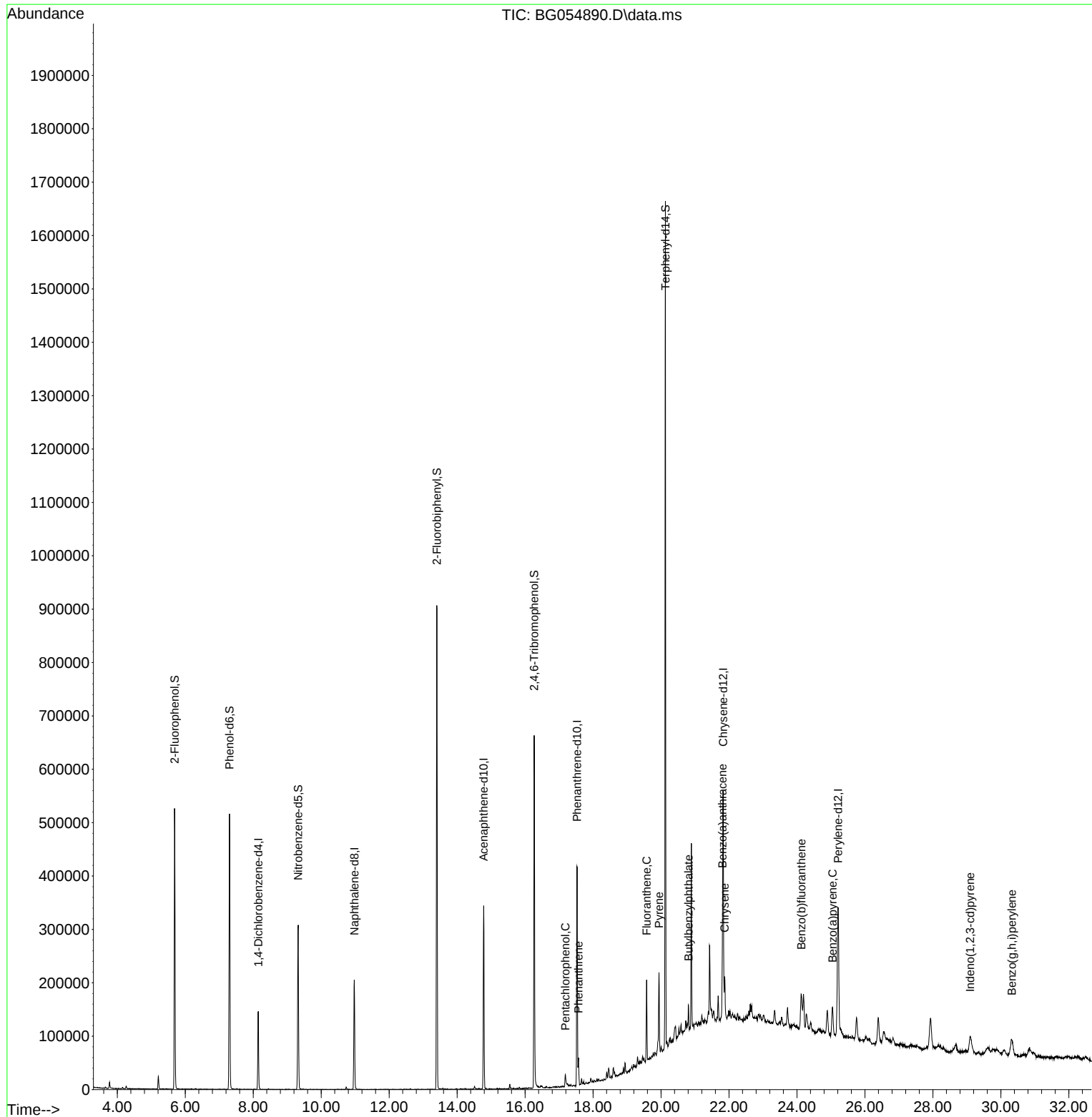
SB-19-COMP

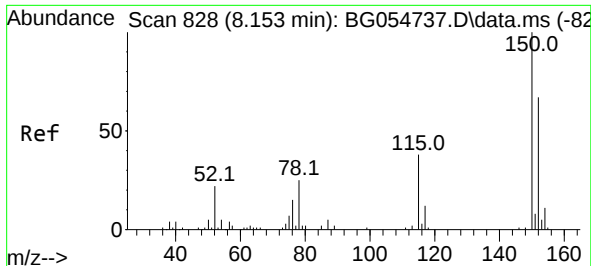
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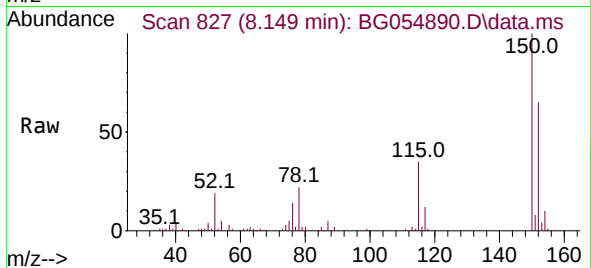
Quant Time: Sep 09 02:51:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

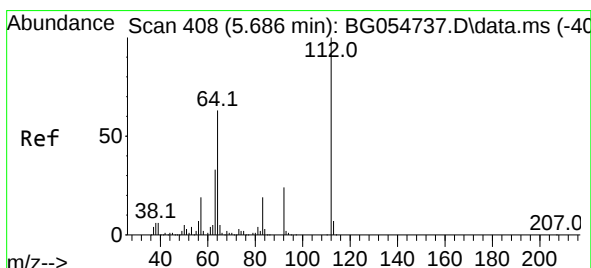
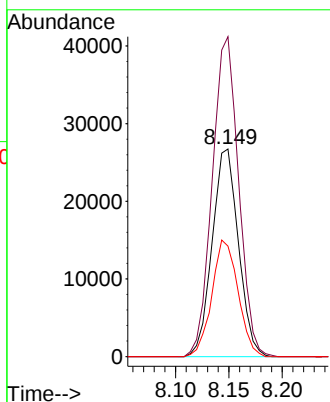
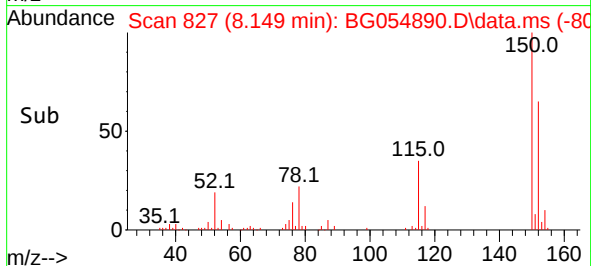
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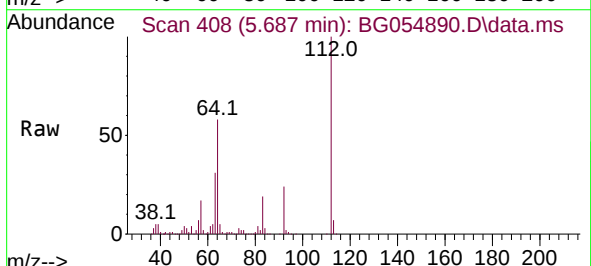
Tgt Ion:152 Resp: 45866
Ion Ratio Lower Upper
152 100
150 154.1 125.2 187.8
115 53.2 47.9 71.9

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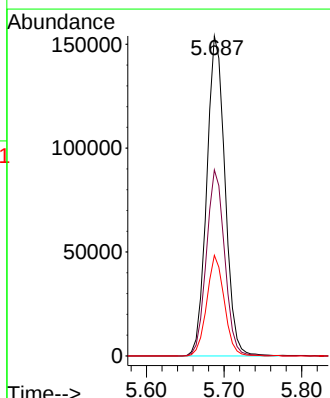
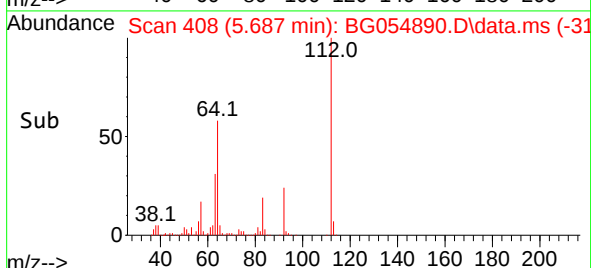
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#5
2-Fluorophenol
Concen: 95.640 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



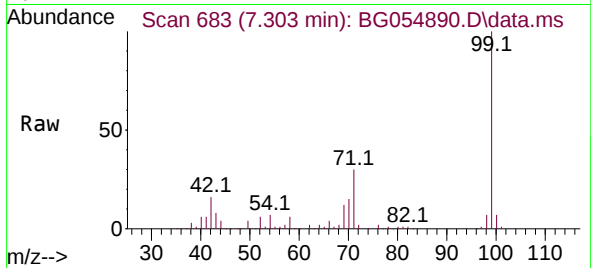
Tgt Ion:112 Resp: 251907
Ion Ratio Lower Upper
112 100
64 58.1 49.3 73.9
63 31.4 26.3 39.5





#7
Phenol-d6
Concen: 94.153 ng
RT: 7.303 min Scan# 682
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

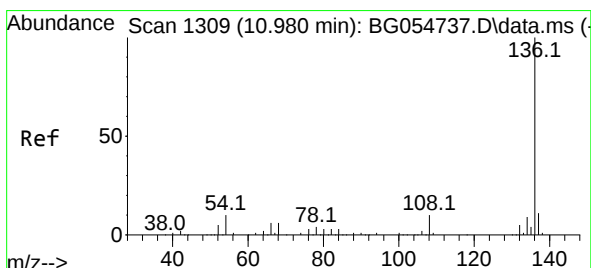
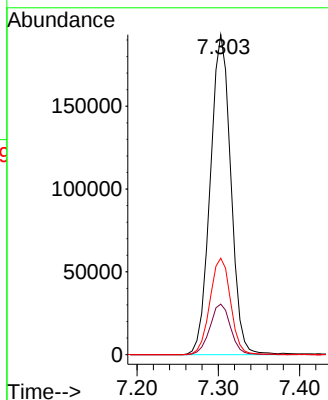
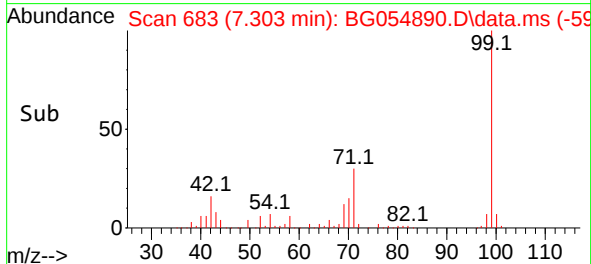
Instrument :
BNA_G
ClientSampleId :
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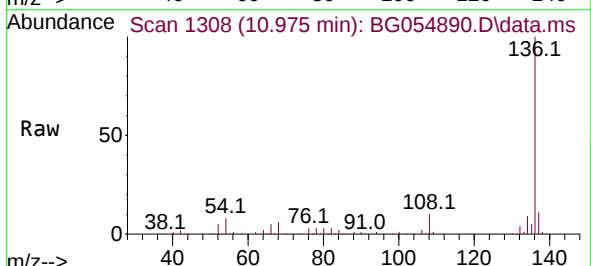
Tgt Ion: 99 Resp: 339149
Ion Ratio Lower Upper
99 100
42 15.8 14.6 22.0
71 30.1 24.6 37.0

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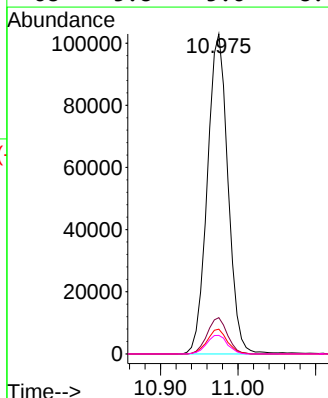
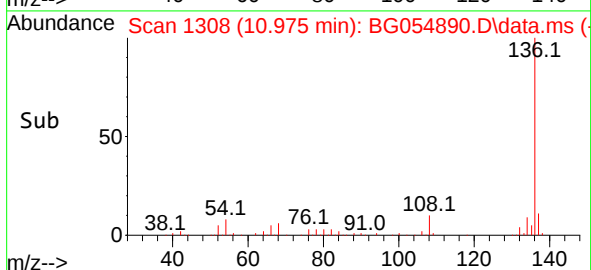
Reviewed By :Christian Giraldo 09/09/2022
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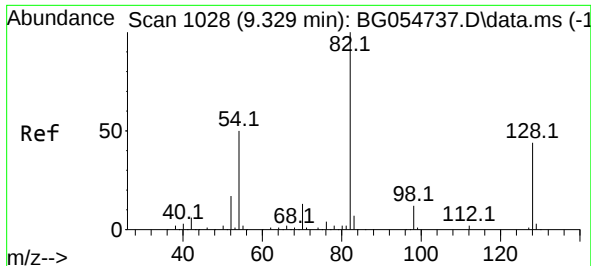


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



Tgt Ion:136 Resp: 190012
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.7 7.7 11.5
68 5.8 5.6 8.4





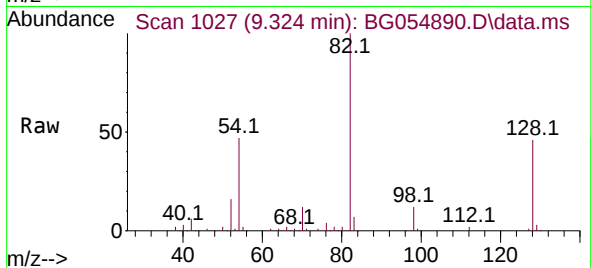
#23
Nitrobenzene-d5
Concen: 55.865 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

SB-19-COMP

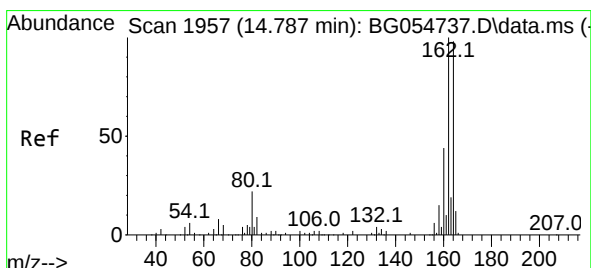
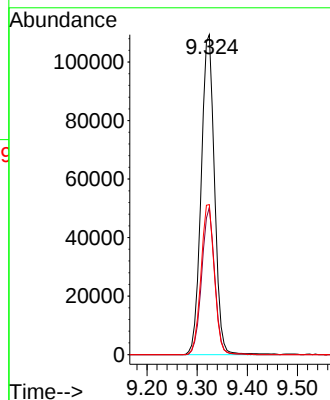
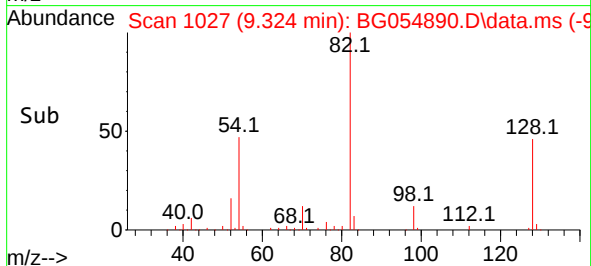


Tgt Ion: 82 Resp: 202205
Ion Ratio Lower Upper
82 100
128 46.0 32.2 48.2
54 46.9 41.4 62.0

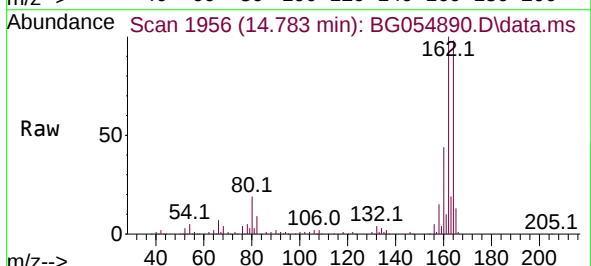
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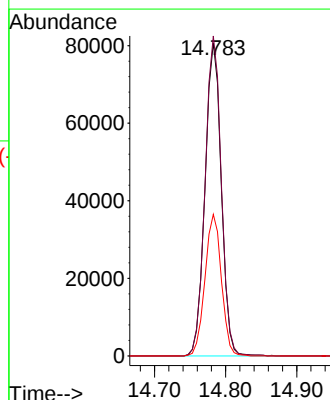
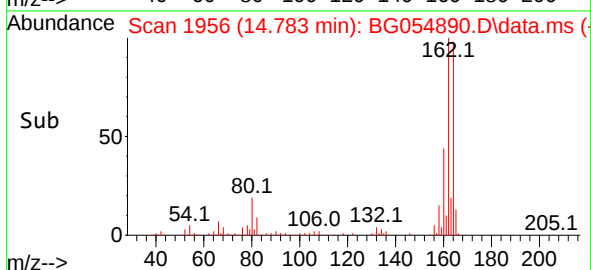
Reviewed By :Christian Giraldo 09/09/2022
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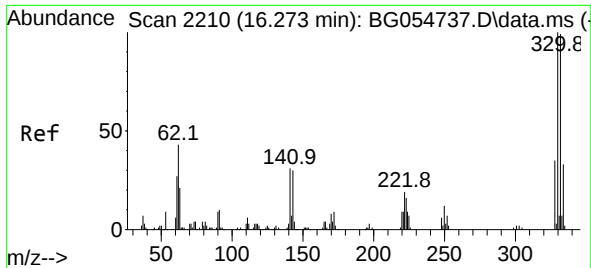


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



Tgt Ion:164 Resp: 127210
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.4
160 45.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 94.592 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

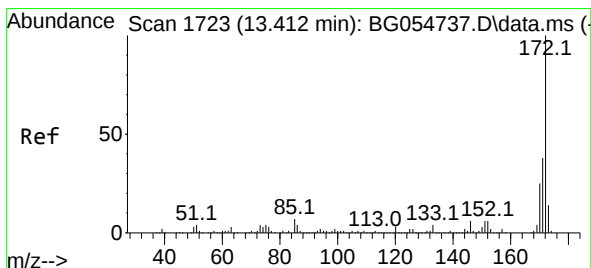
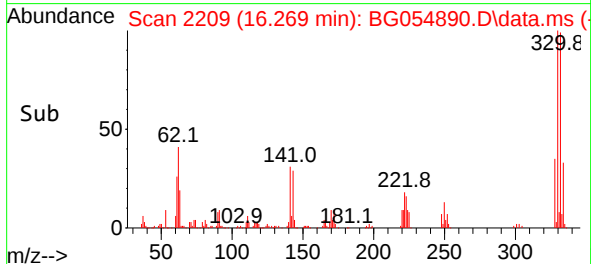
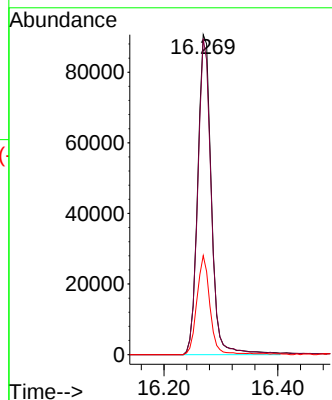
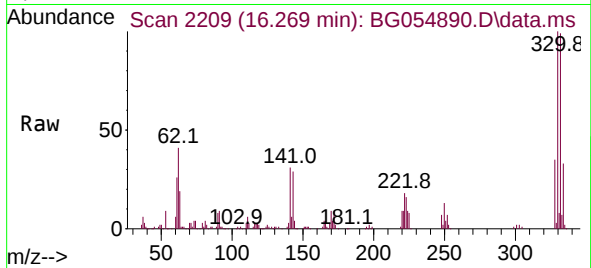
SB-19-COMP

Tgt Ion:330 Resp: 15036
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 30.0 26.8 40.2

Manual Integrations

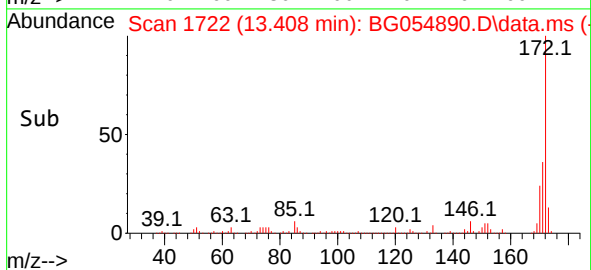
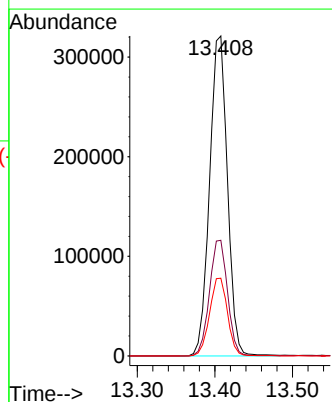
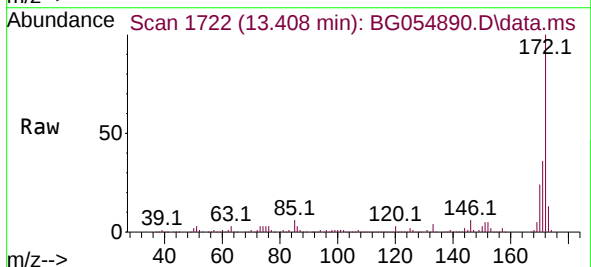
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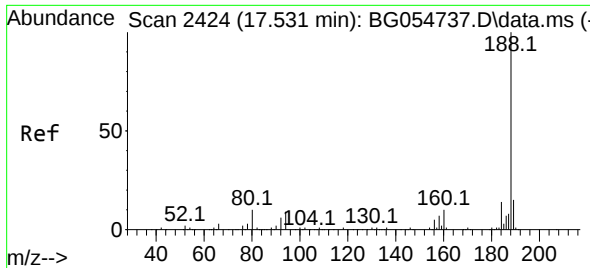
Reviewed By :Christian Giraldo 09/09/2022
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#45
2-Fluorobiphenyl
Concen: 60.624 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:172 Resp: 513103
Ion Ratio Lower Upper
172 100
171 36.1 31.2 46.8
170 24.3 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

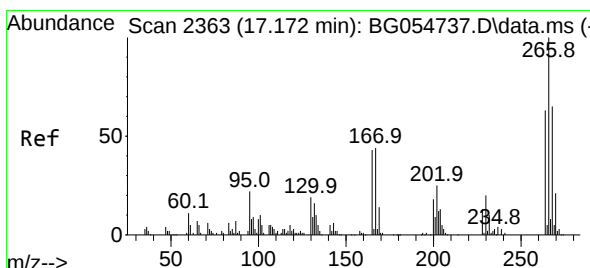
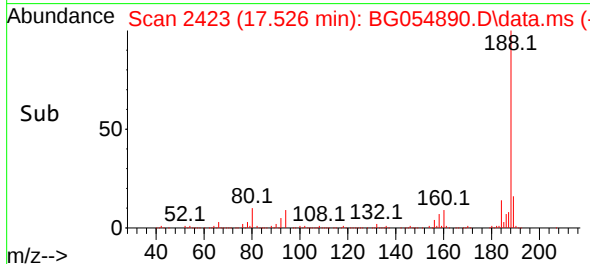
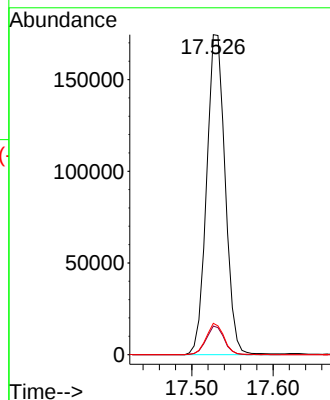
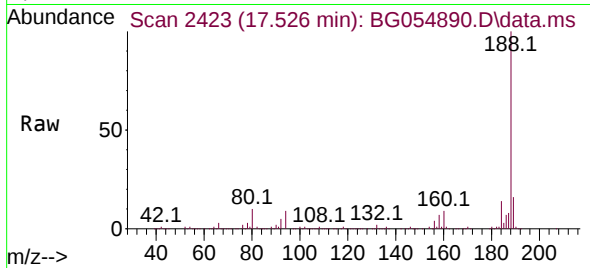
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Tgt Ion:188 Resp: 27674
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 7.9 11.9

Manual Integrations

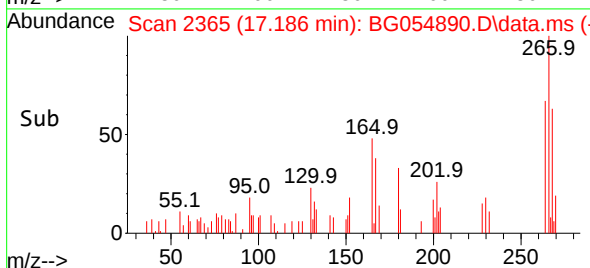
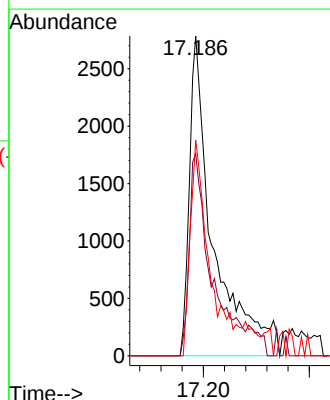
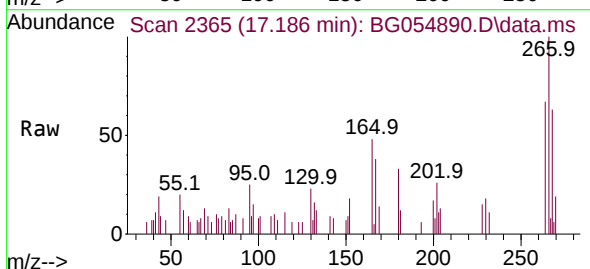
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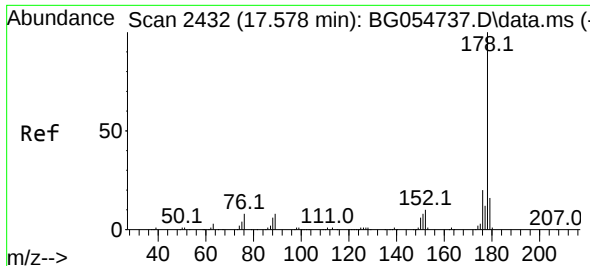
Reviewed By :Christian Giraldo 09/09/2022
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#70
Pentachlorophenol
Concen: 4.696 ng m
RT: 17.186 min Scan# 2365
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:266 Resp: 8716
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 67.3 49.4 74.0





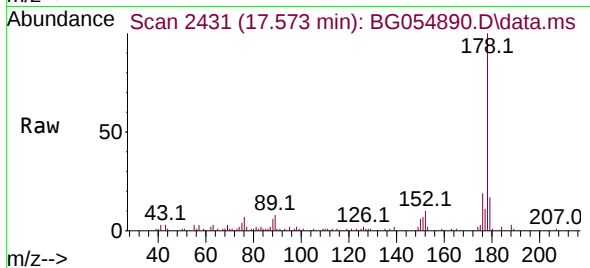
#71
Phenanthrene
Concen: 2.134 ng
RT: 17.573 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

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SB-19-COMP

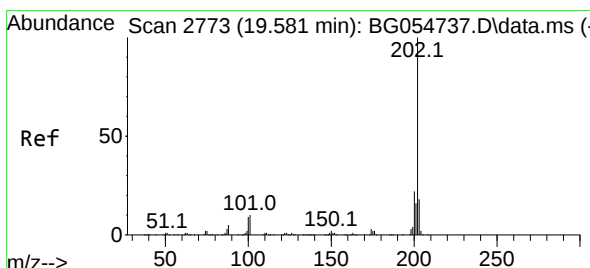
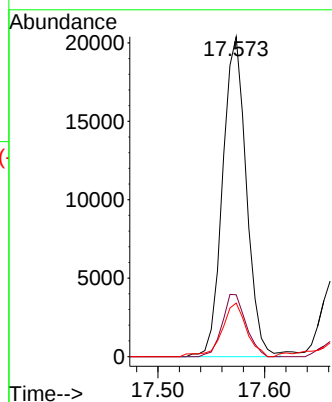
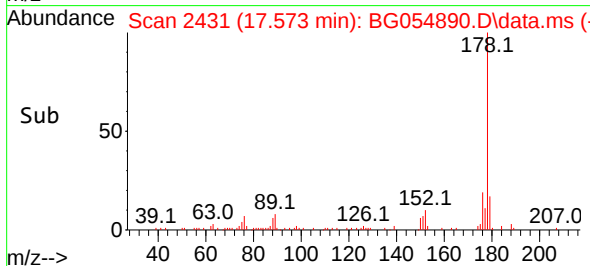


Tgt Ion:178 Resp: 31456
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 16.7 12.8 19.2

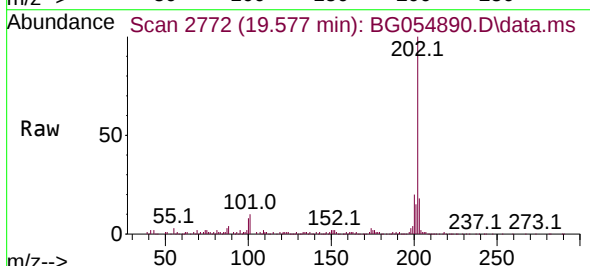
Manual Integrations

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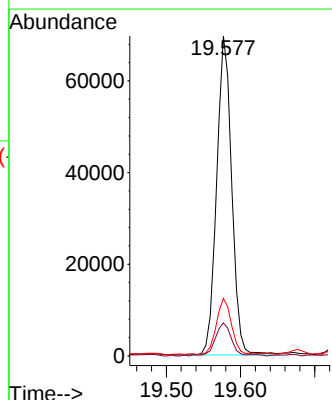
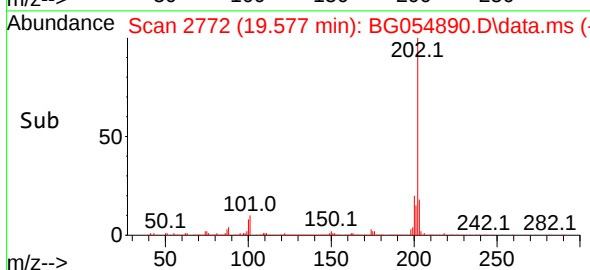
Reviewed By :Christian Giraldo 09/09/2022
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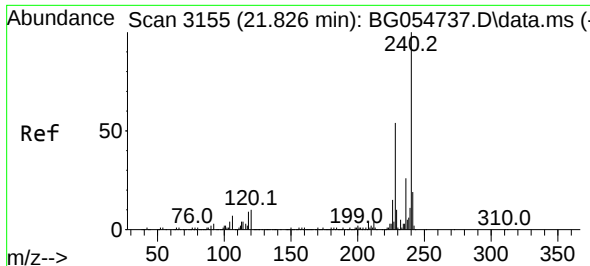


#75
Fluoranthene
Concen: 5.483 ng
RT: 19.577 min Scan# 2772
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



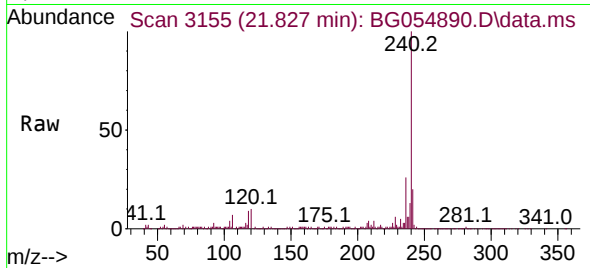
Tgt Ion:202 Resp: 98328
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.0 0.0 38.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

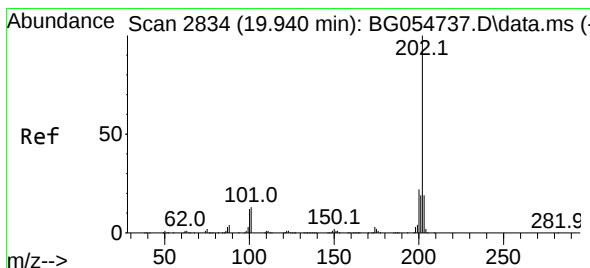
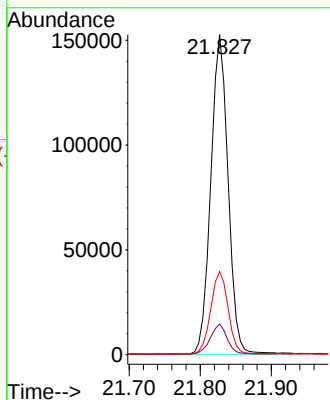
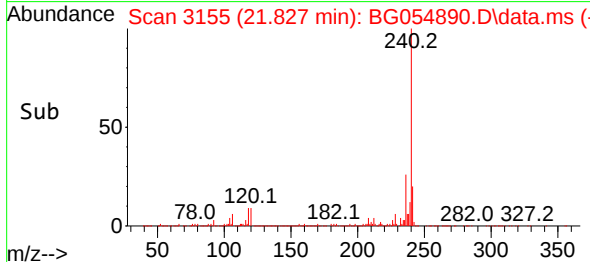
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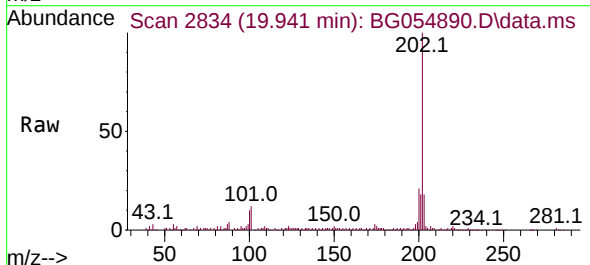
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Ion Ratio Lower Upper
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120 9.6 8.2 12.4
236 25.9 21.2 31.8

Manual Integrations
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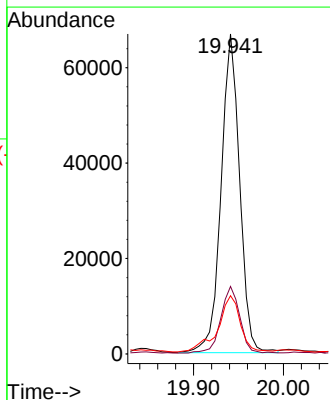
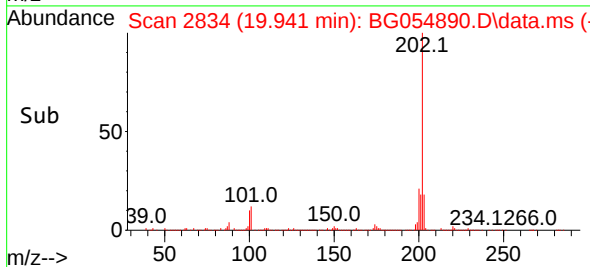
Reviewed By :Christian Giraldo 09/09/2022
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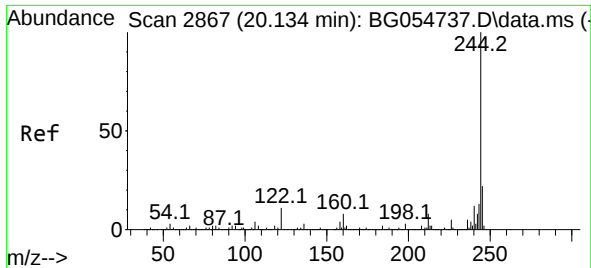


#78
Pyrene
Concen: 5.370 ng
RT: 19.941 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



Tgt Ion:202 Resp: 96493
Ion Ratio Lower Upper
202 100
200 21.1 17.8 26.6
203 18.2 14.6 21.8





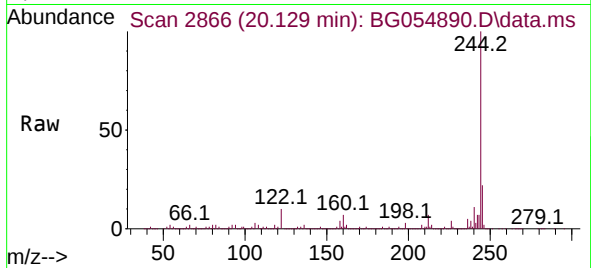
#79
 Terphenyl-d14
 Concen: 60.826 ng
 RT: 20.129 min Scan# 2866
 Delta R.T. -0.003 min
 Lab File: BG054890.D
 Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

SB-19-COMP

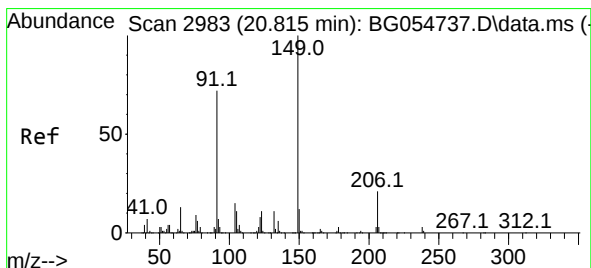
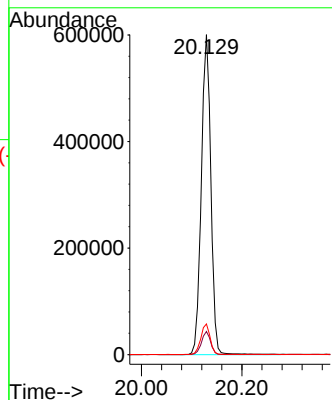
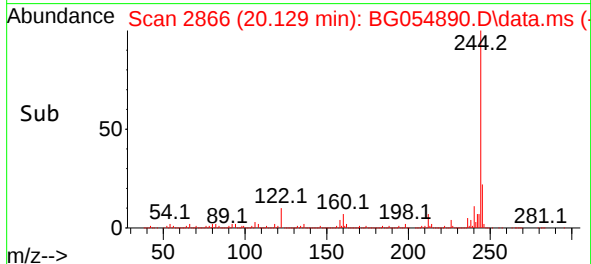


Tgt Ion:244 Resp: 791086
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.6 9.0 13.6

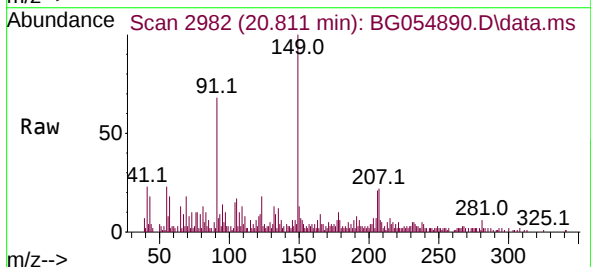
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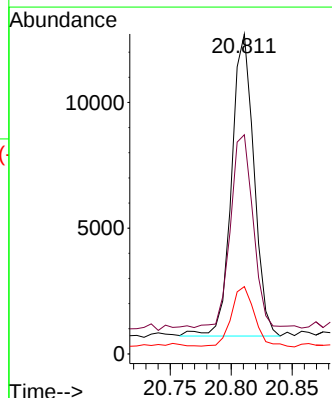
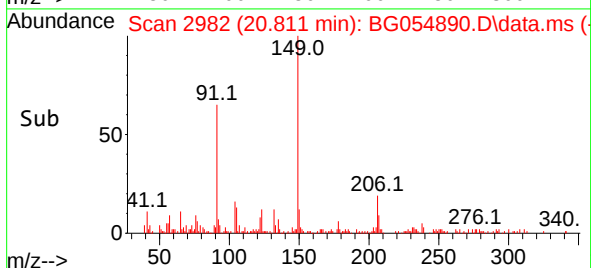
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022

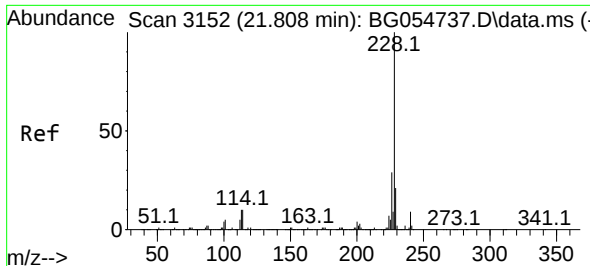


#80
 Butylbenzylphthalate
 Concen: 2.048 ng
 RT: 20.811 min Scan# 2982
 Delta R.T. -0.003 min
 Lab File: BG054890.D
 Acq: 8 Sep 2022 19:18



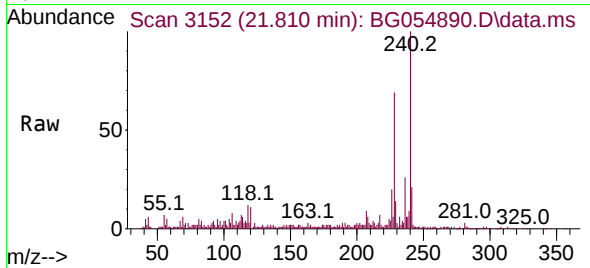
Tgt Ion:149 Resp: 15351
 Ion Ratio Lower Upper
 149 100
 91 68.5 59.5 89.3
 206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 3.196 ng
RT: 21.810 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

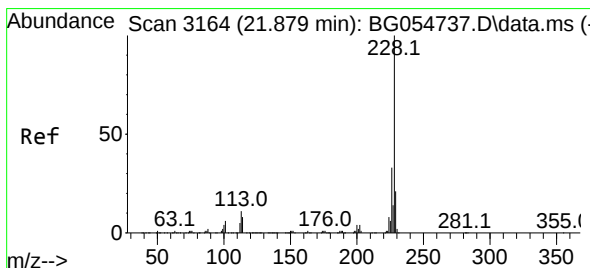
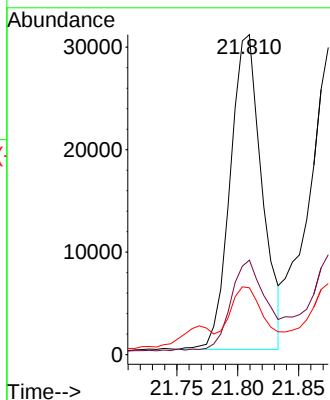
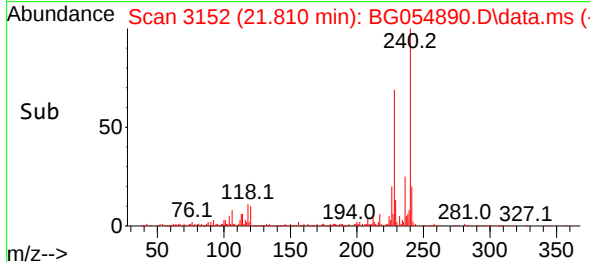
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP



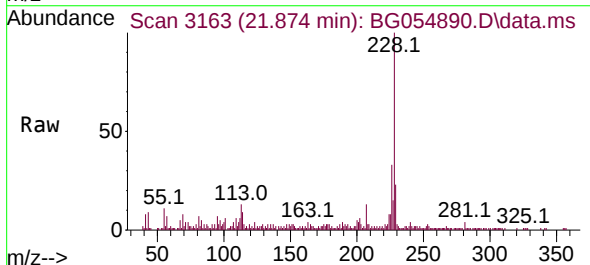
Tgt Ion:228 Resp: 5584
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 20.9 16.5 24.7

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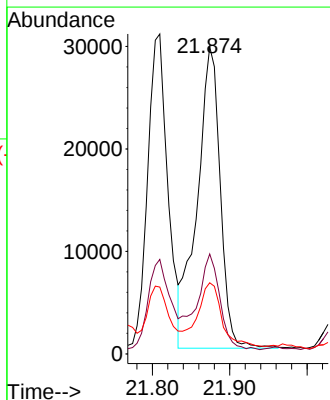
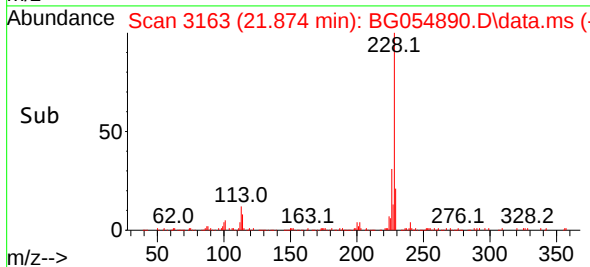
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022

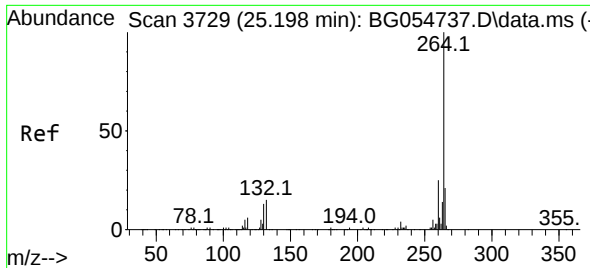


#83
Chrysene
Concen: 3.684 ng m
RT: 21.874 min Scan# 3163
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18



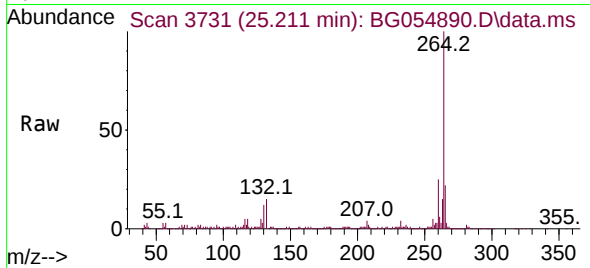
Tgt Ion:228 Resp: 61544
Ion Ratio Lower Upper
228 100
226 32.6 25.5 38.3
229 23.2 16.8 25.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.211 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

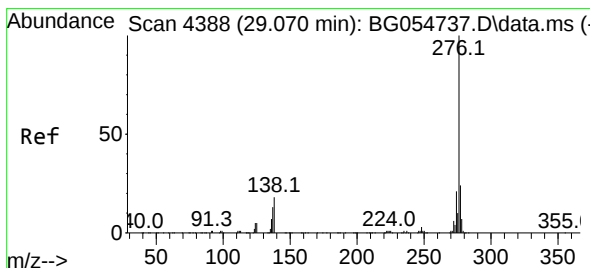
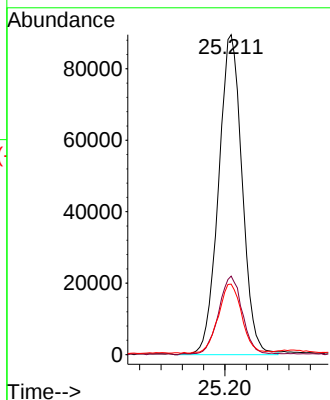
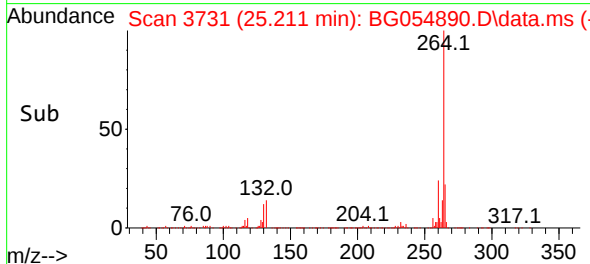
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP



Tgt Ion:264 Resp: 274640
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 22.0 16.9 25.3

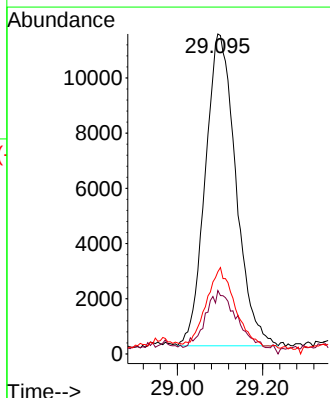
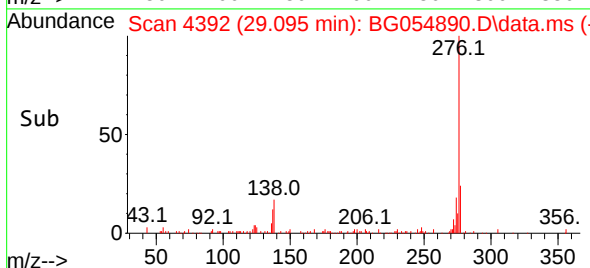
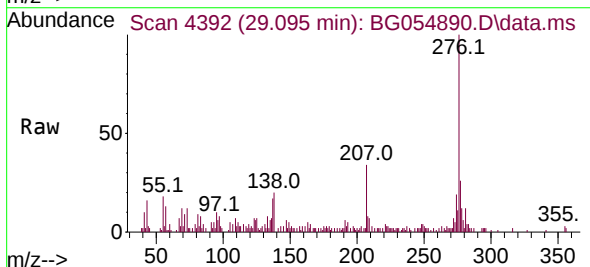
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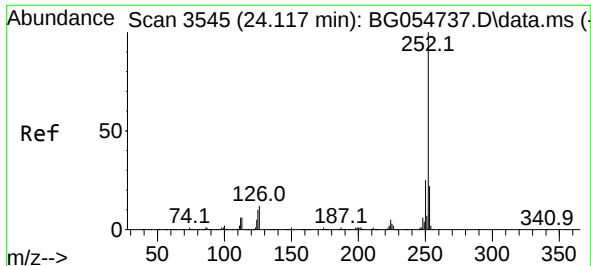
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.693 ng
RT: 29.095 min Scan# 4392
Delta R.T. -0.033 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

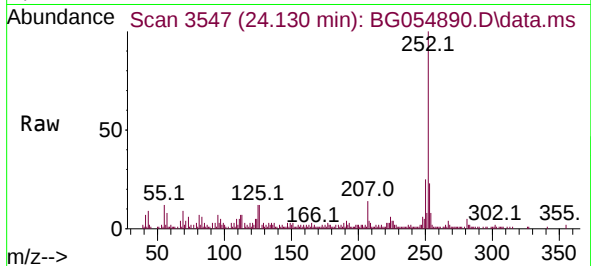
Tgt Ion:276 Resp: 56151
Ion Ratio Lower Upper
276 100
138 19.0 12.0 18.0#
277 23.5 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 5.381 ng
RT: 24.130 min Scan# 3545
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

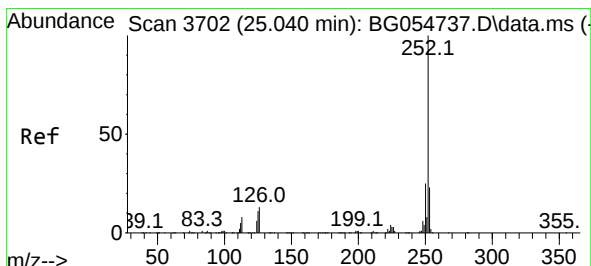
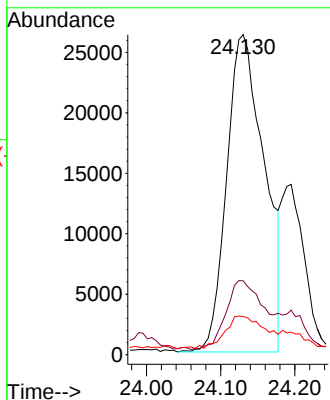
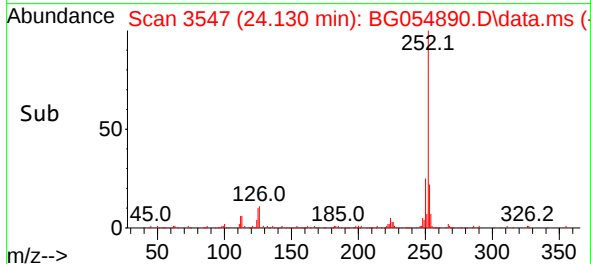
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP



Tgt Ion:252 Resp: 92699
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 11.9 8.1 12.1

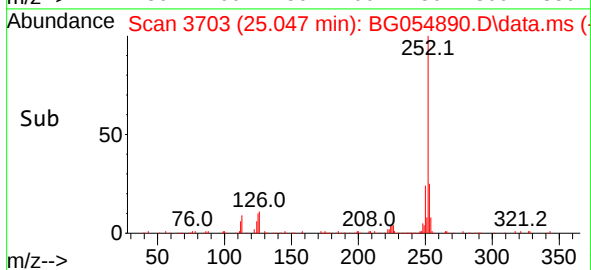
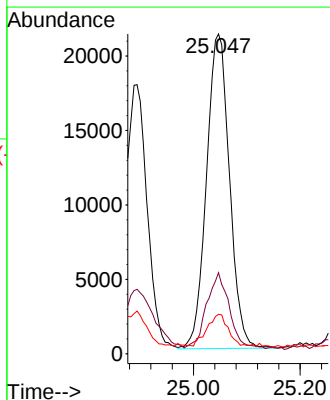
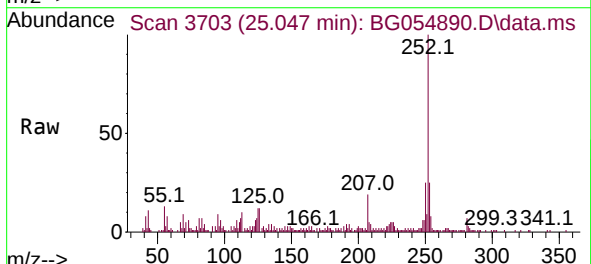
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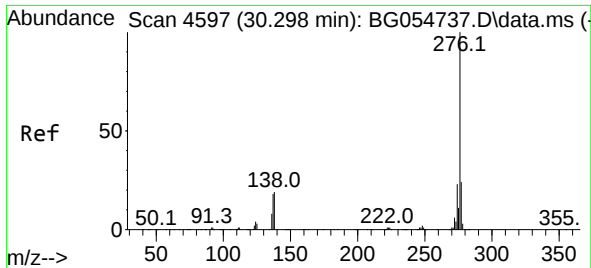
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#90
Benzo(a)pyrene
Concen: 4.306 ng
RT: 25.047 min Scan# 3703
Delta R.T. -0.015 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

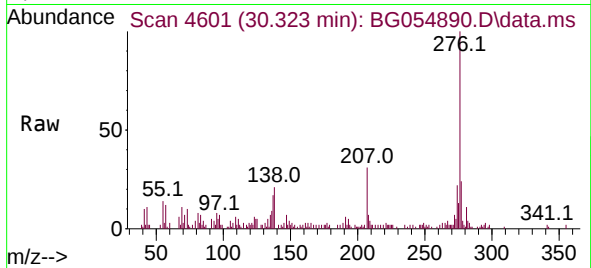
Tgt Ion:252 Resp: 63375
Ion Ratio Lower Upper
252 100
253 25.4 18.3 27.5
125 12.4 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.840 ng
 RT: 30.323 min Scan# 40
 Delta R.T. -0.039 min
 Lab File: BG054890.D
 Acq: 8 Sep 2022 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-19-COMP



Tgt Ion: 276 Resp: 6588

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	21.3	16.6	25.0

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

