

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053144.D
 Acq On : 13 Apr 2022 18:43
 Operator : CG/JU
 Sample : N2368-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-0-5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2022
 Supervised By : Jagrut Upadhyay 04/14/2022

Quant Time: Apr 14 02:57:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	33161	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	134645	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	100298	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	234663	20.000	ng	0.00
76) Chrysene-d12	21.769	240	225179	20.000	ng	0.00
86) Perylene-d12	25.070	264	242123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	196679	101.669	ng	0.00
7) Phenol-d6	7.277	99	299778	100.488	ng	0.00
23) Nitrobenzene-d5	9.280	82	223058	67.265	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	158089	99.072	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	476120	65.457	ng	0.00
79) Terphenyl-d14	20.089	244	769418	57.708	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.531	202	83313	5.071	ng	99
78) Pyrene	19.895	202	82160	5.123	ng	97
81) Benzo(a)anthracene	21.745	228	54233	3.523	ng	98
83) Chrysene	21.816	228	57911	4.053	ng	99
87) Indeno(1,2,3-cd)pyrene	28.818	276	49929m	2.776	ng	
88) Benzo(b)fluoranthene	24.019	252	81979	5.366	ng	97
89) Benzo(k)fluoranthene	24.078	252	30138m	2.007	ng	
90) Benzo(a)pyrene	24.906	252	59625	4.582	ng	99
92) Benzo(g,h,i)perylene	30.022	276	47086m	3.227	ng	

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

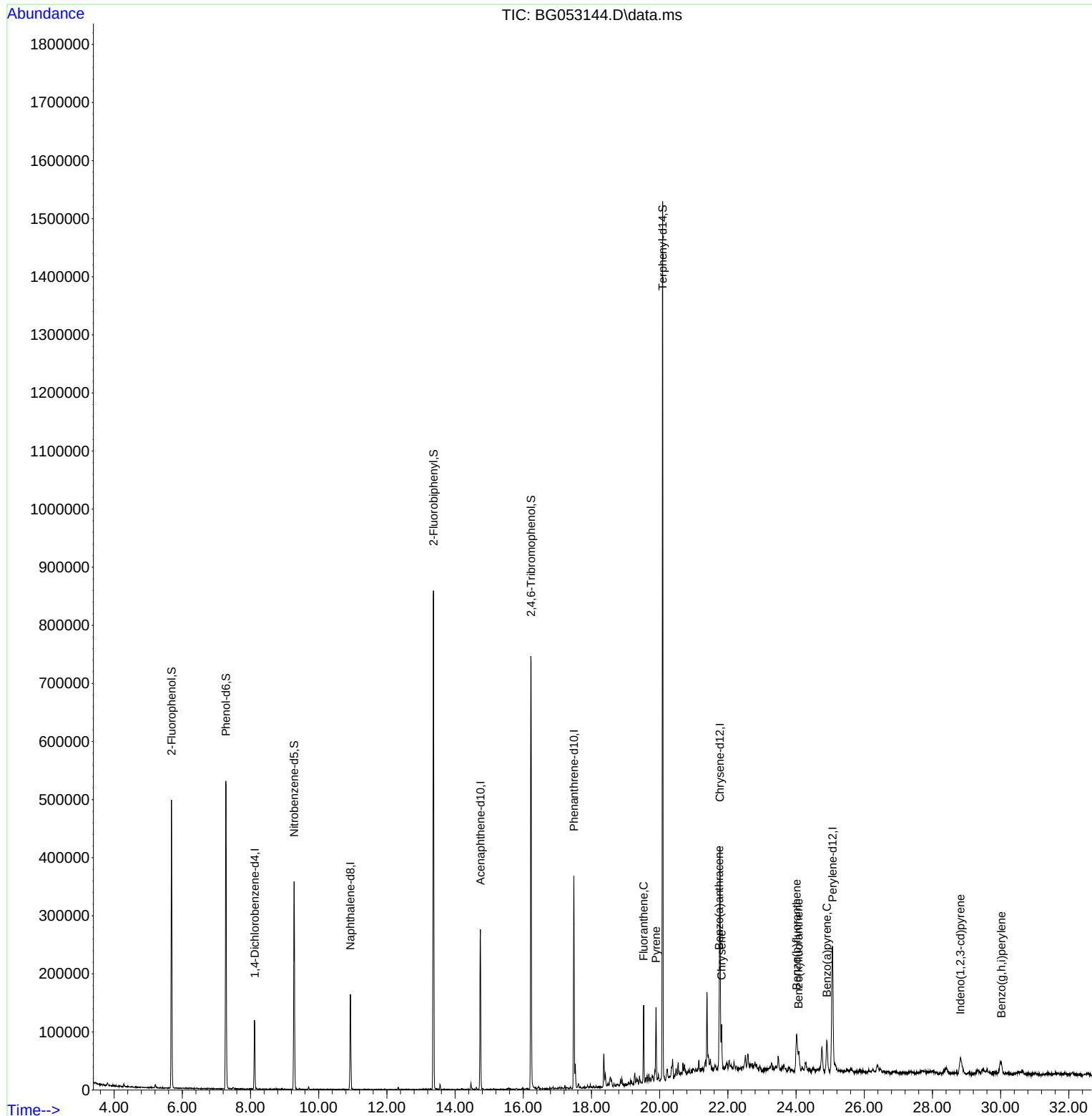
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053144.D
Acq On : 13 Apr 2022 18:43
Operator : CG/JU
Sample : N2368-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

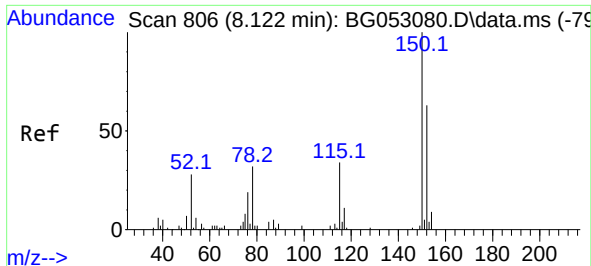
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E14ST-EB3-041122-0-5

Quant Time: Apr 14 02:57:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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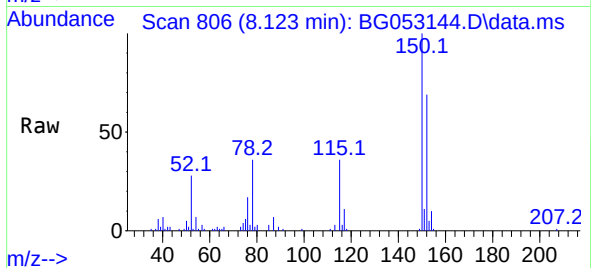
Reviewed By : Christian Giraldo 04/14/2022
Supervised By : Jagrut Upadhyay 04/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

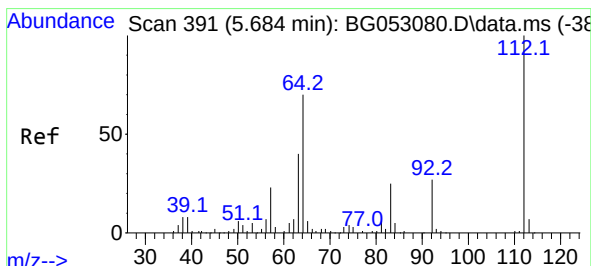
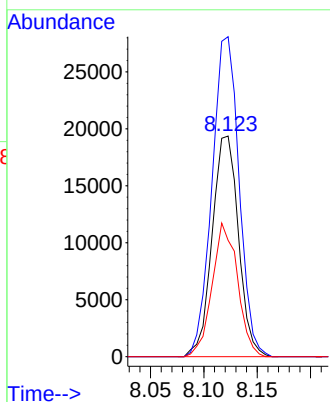
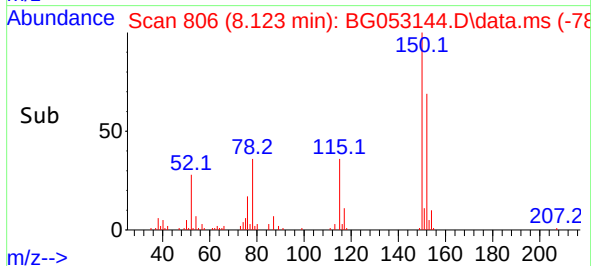
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-0-5



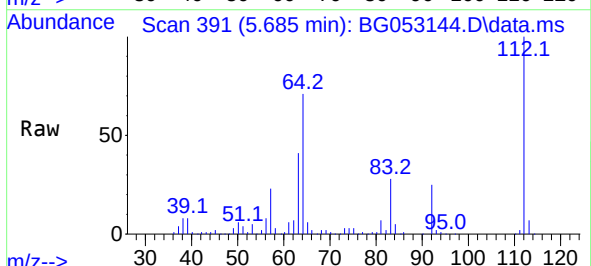
Tgt Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
150 145.1 114.6 172.0
115 52.7 45.9 68.9

Manual Integrations
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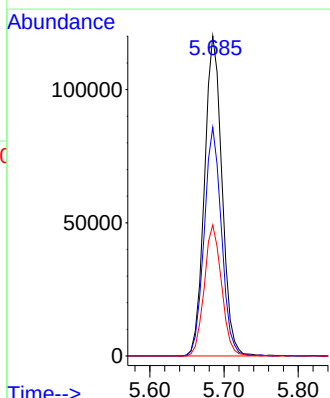
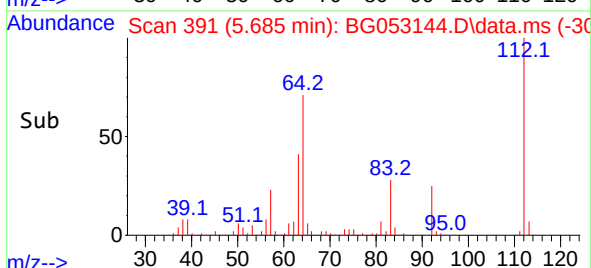
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

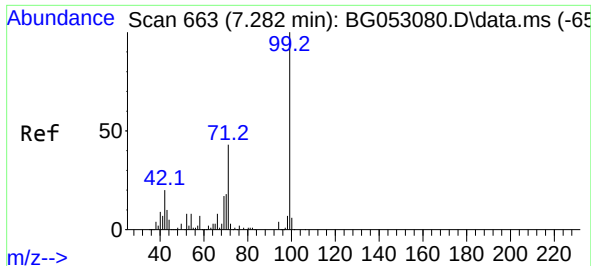


#5
2-Fluorophenol
Concen: 101.669 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



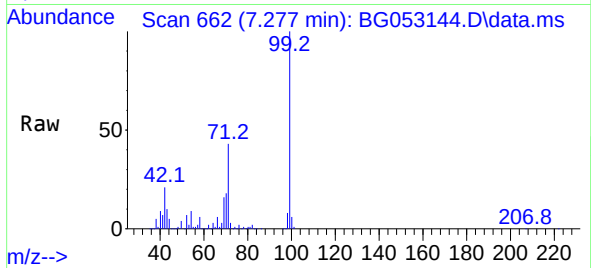
Tgt Ion:112 Resp: 196679
Ion Ratio Lower Upper
112 100
64 71.5 48.0 72.0
63 40.9 26.5 39.7





#7
Phenol-d6
Concen: 100.488 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

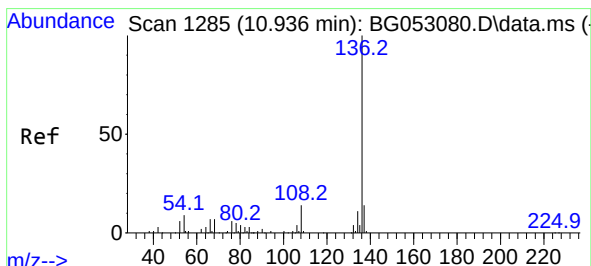
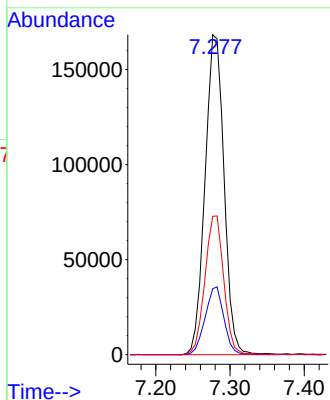
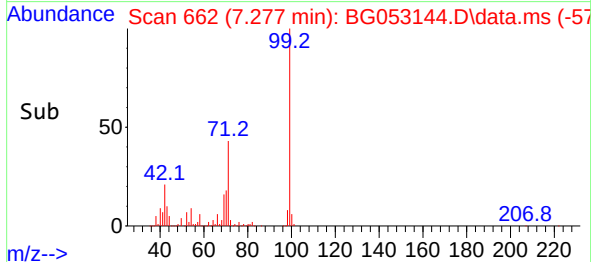
Instrument :
BNA_G
ClientSampleId :
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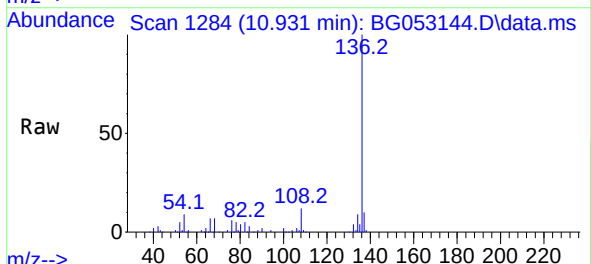
Tgt Ion: 99 Resp: 299778
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 43.2 29.2 43.8

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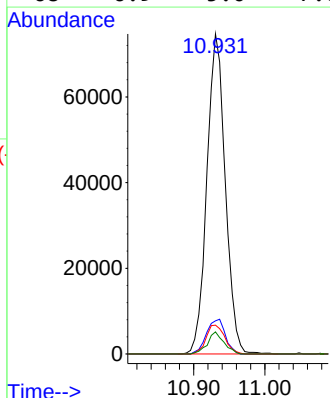
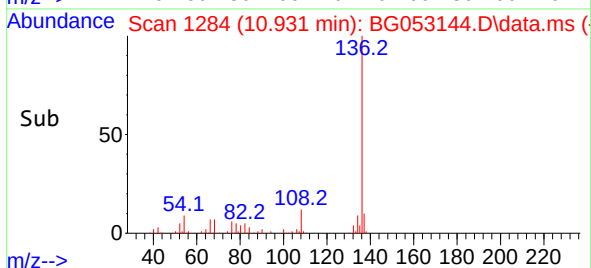
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

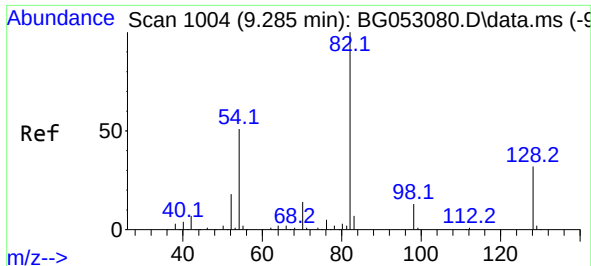


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



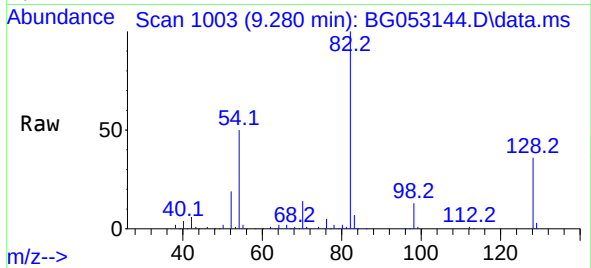
Tgt Ion:136 Resp: 134645
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.2
54 9.0 6.4 9.6
68 6.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 67.265 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

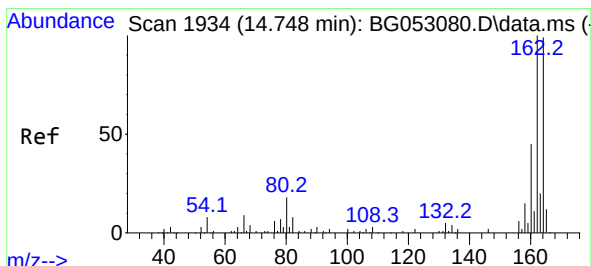
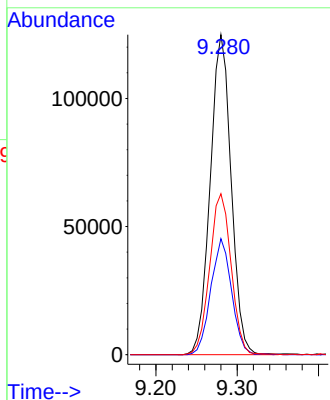
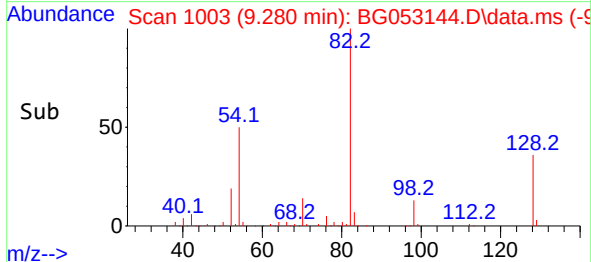
Instrument :
BNA_G
ClientSampleId :
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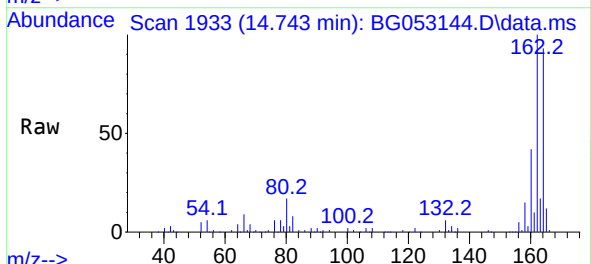
Tgt Ion: 82 Resp: 223058
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 50.3 37.8 56.8

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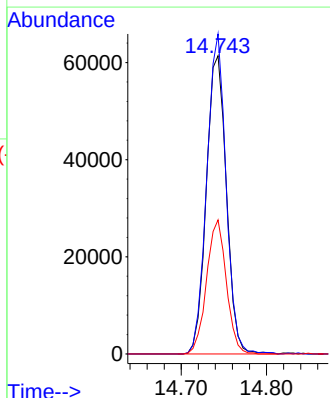
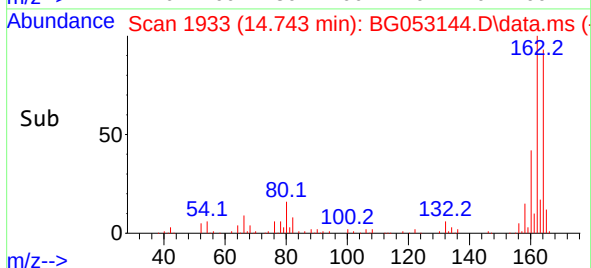
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

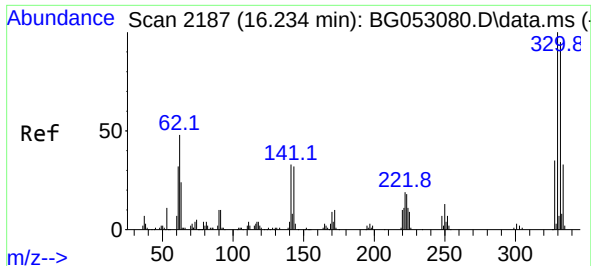


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



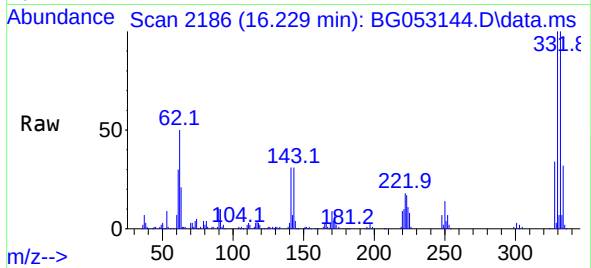
Tgt Ion:164 Resp: 100298
Ion Ratio Lower Upper
164 100
162 107.3 80.0 120.0
160 44.9 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 99.072 ng
RT: 16.229 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

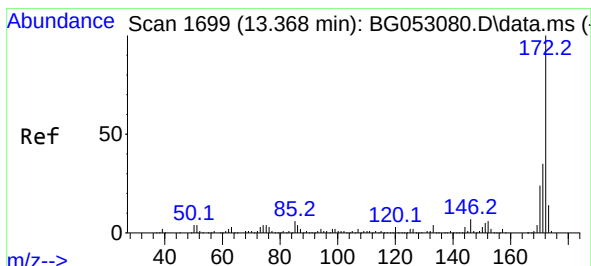
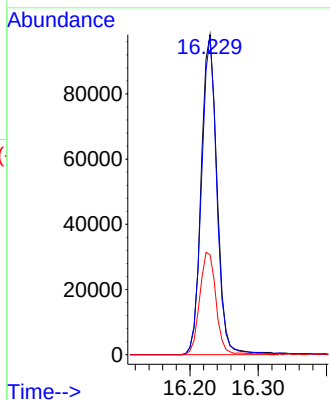
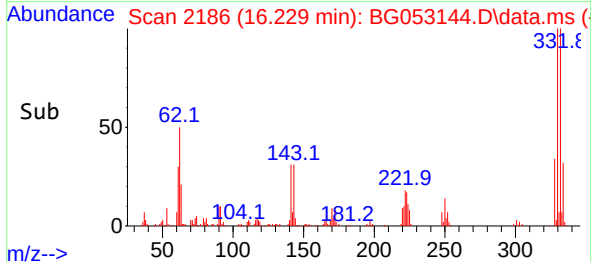
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-0-5



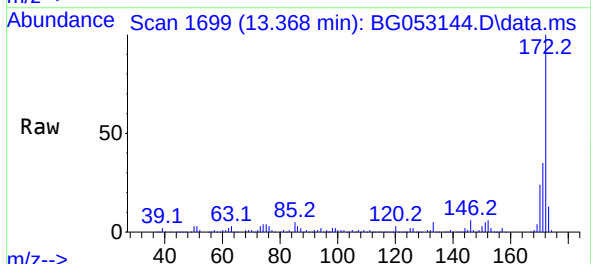
Tgt Ion:330 Resp: 158089
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 33.0 24.6 36.8

Manual Integrations
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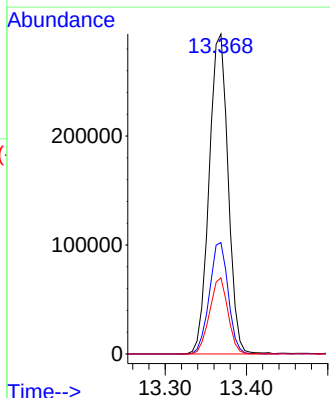
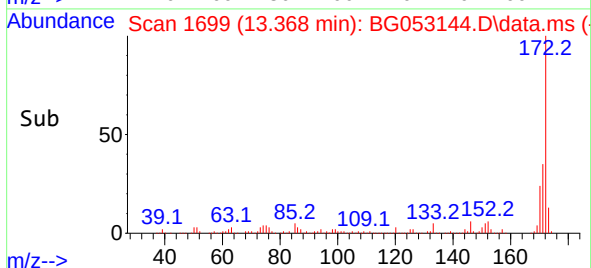
Reviewed By :Christian Giraldo 04/14/2022
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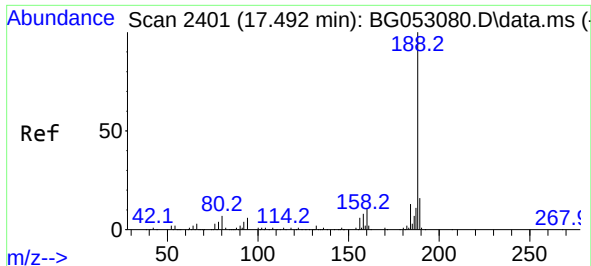


#45
2-Fluorobiphenyl
Concen: 65.457 ng
RT: 13.368 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



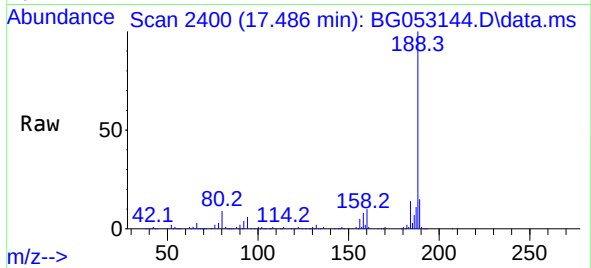
Tgt Ion:172 Resp: 476120
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.8 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

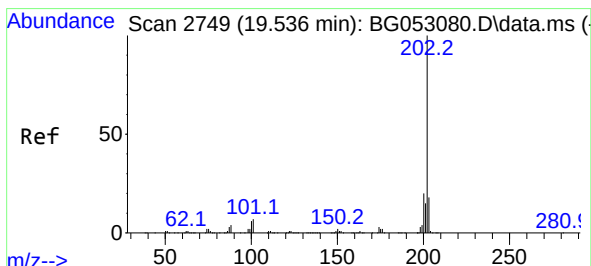
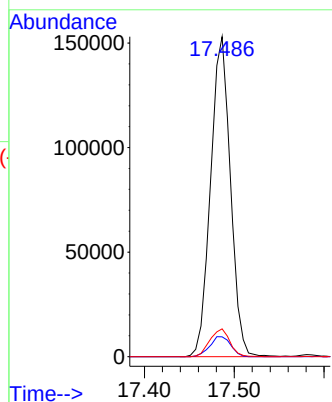
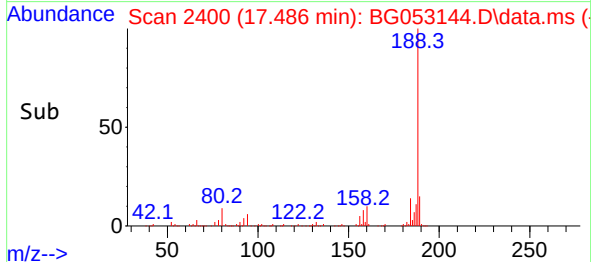
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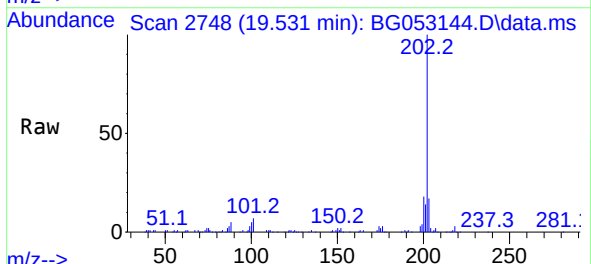
Tgt Ion:188 Resp: 23466
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.7 7.2 10.8

Manual Integrations
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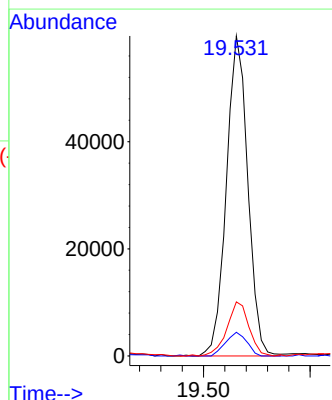
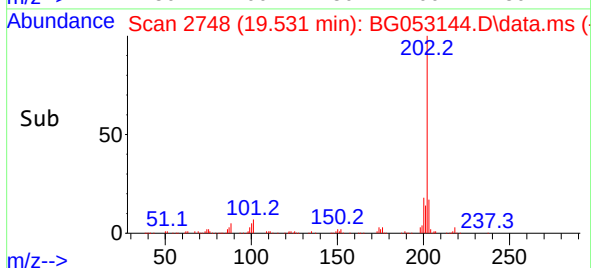
Reviewed By :Christian Giraldo 04/14/2022
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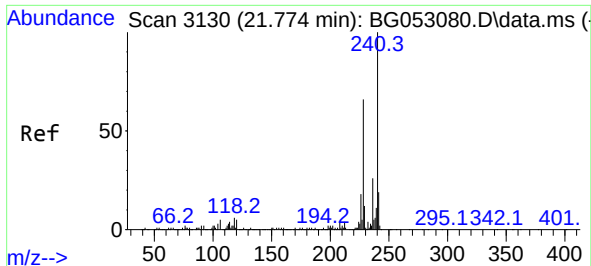


#75
Fluoranthene
Concen: 5.071 ng
RT: 19.531 min Scan# 2748
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



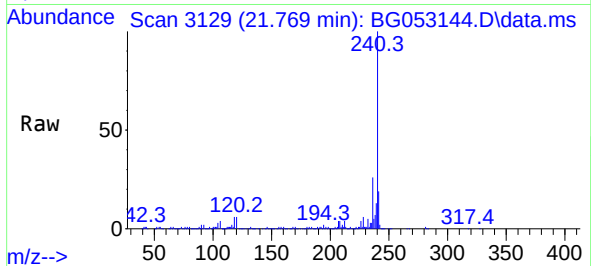
Tgt Ion:202 Resp: 83313
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 16.9 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

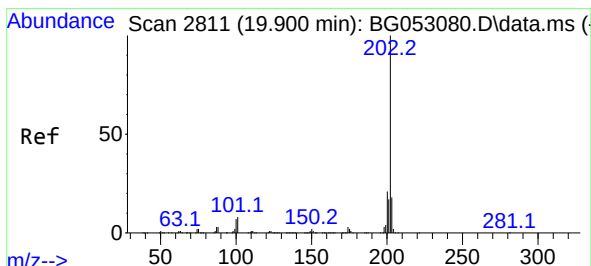
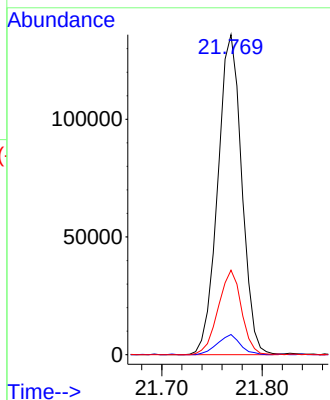
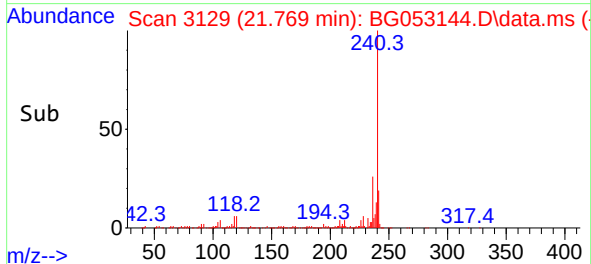
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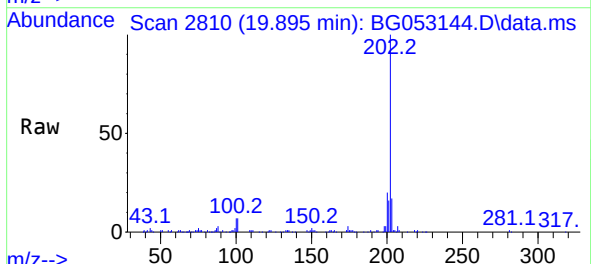
Tgt Ion:240 Resp: 225179
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 26.4 19.8 29.6

Manual Integrations
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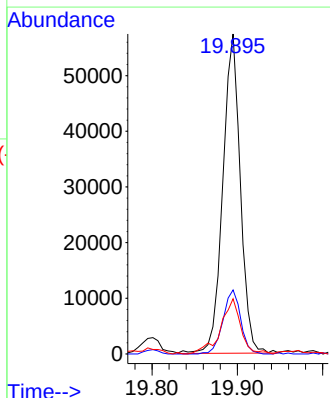
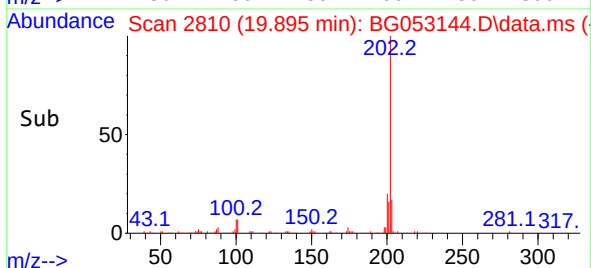
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

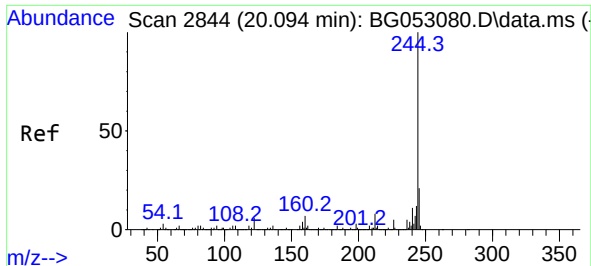


#78
Pyrene
Concen: 5.123 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



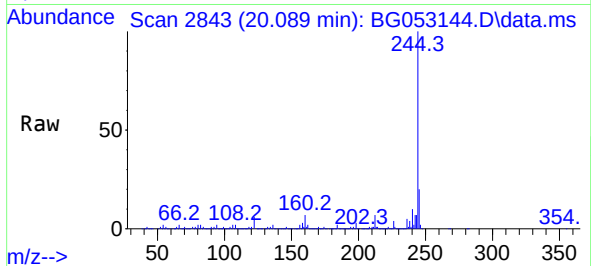
Tgt Ion:202 Resp: 82160
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 17.2 15.0 22.6





#79
 Terphenyl-d14
 Concen: 57.708 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053144.D
 Acq: 13 Apr 2022 18:43

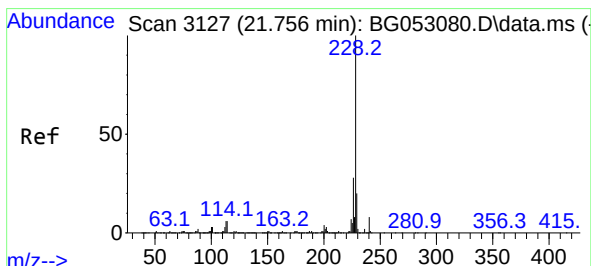
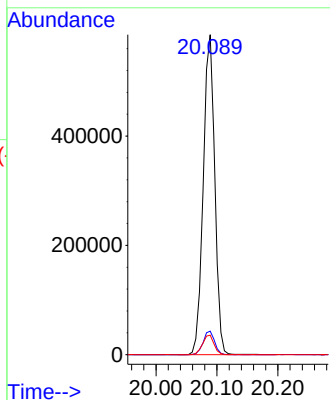
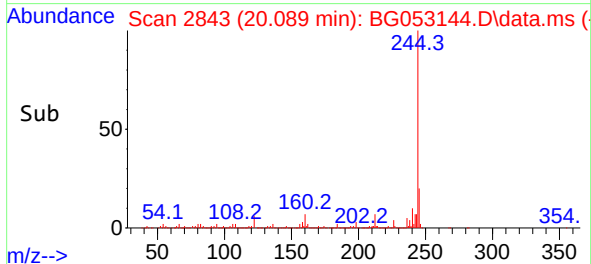
Instrument :
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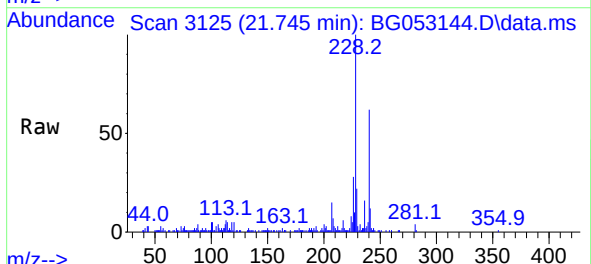
Tgt Ion:244 Resp: 769418
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.1 5.8 8.6

Manual Integrations
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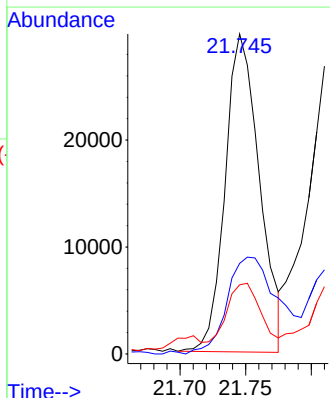
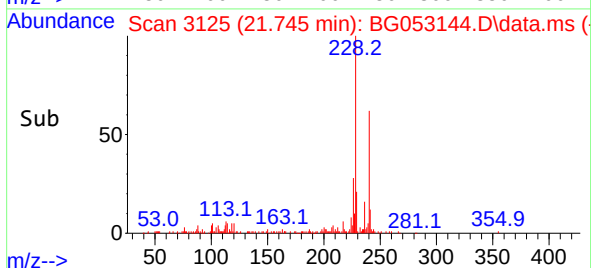
Reviewed By :Christian Giraldo 04/14/2022
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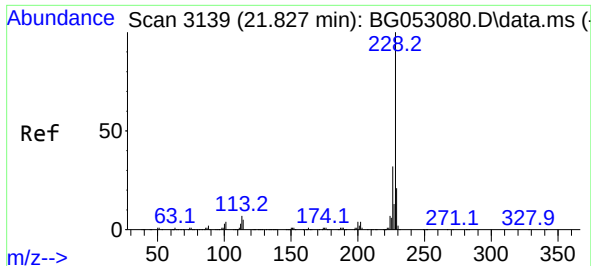


#81
 Benzo(a)anthracene
 Concen: 3.523 ng
 RT: 21.745 min Scan# 3125
 Delta R.T. -0.011 min
 Lab File: BG053144.D
 Acq: 13 Apr 2022 18:43



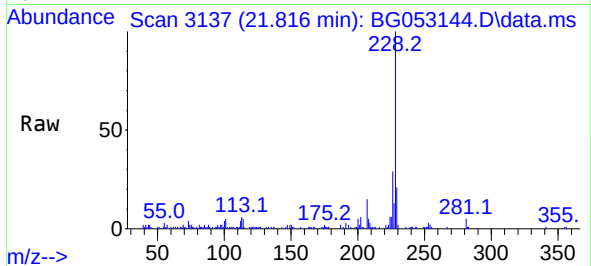
Tgt Ion:228 Resp: 54233
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.4 32.0
 229 21.6 16.7 25.1





#83
Chrysene
Concen: 4.053 ng
RT: 21.816 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

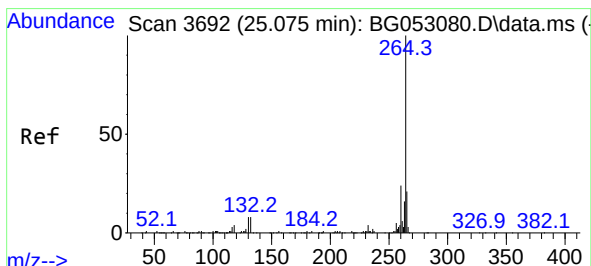
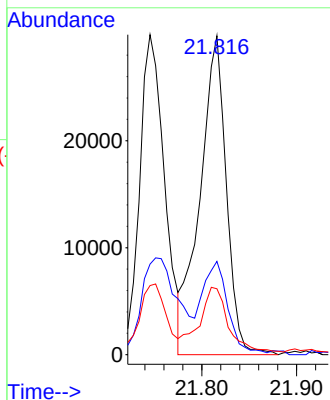
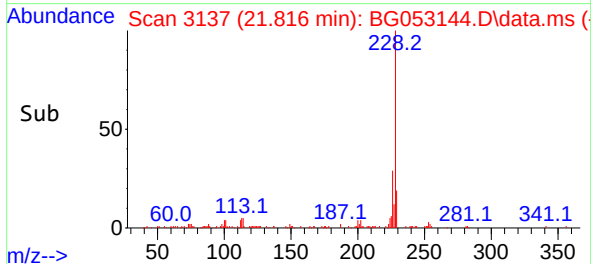
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-0-5



Tgt Ion:228 Resp: 5791
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 20.7 16.3 24.5

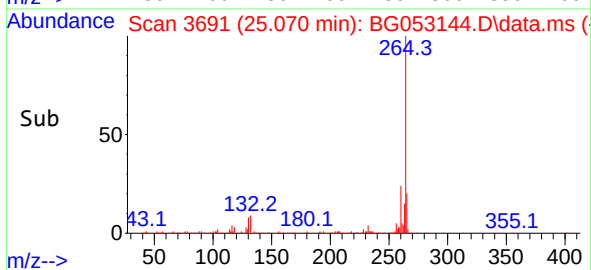
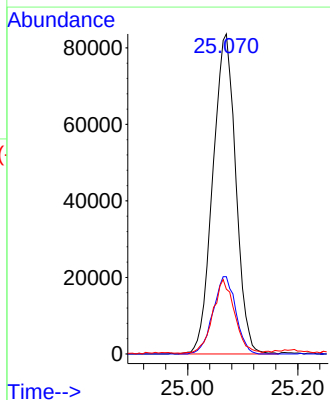
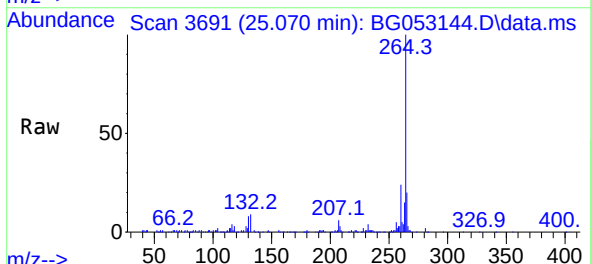
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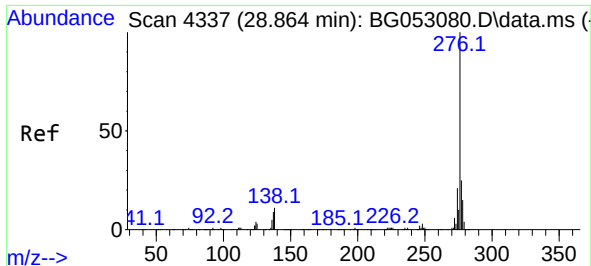
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3691
Delta R.T. -0.005 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

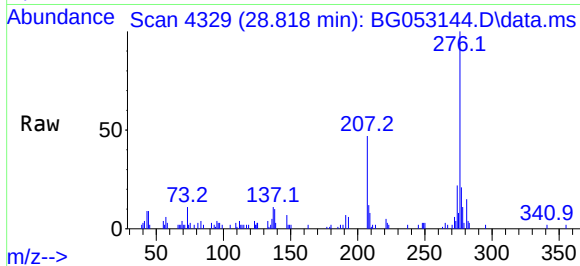
Tgt Ion:264 Resp: 242123
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.2
265 20.3 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.776 ng m
RT: 28.818 min Scan# 41
Delta R.T. -0.046 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43

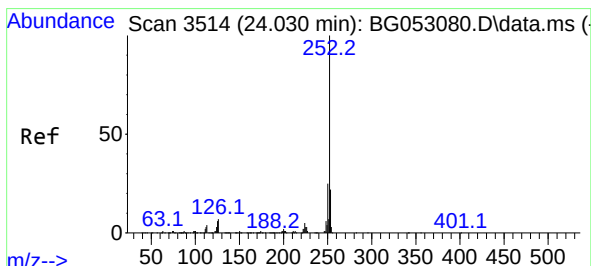
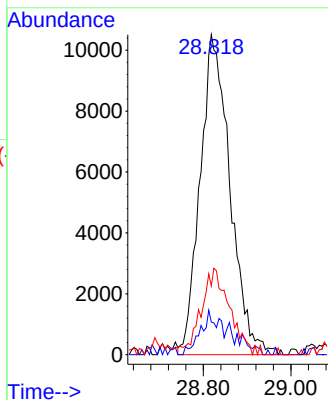
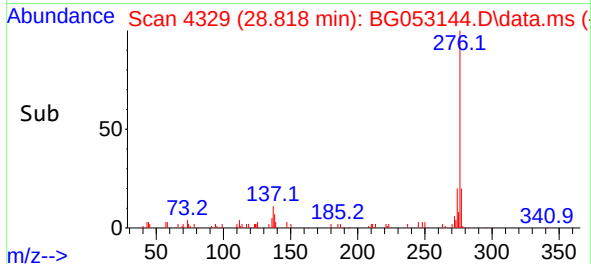
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-0-5



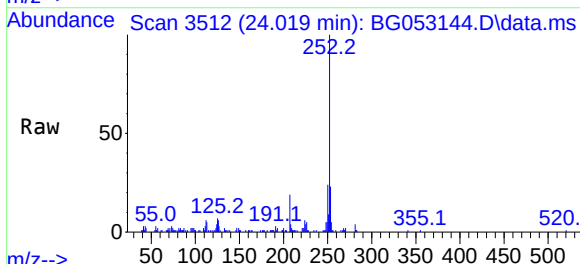
Tgt Ion:276 Resp: 49929
Ion Ratio Lower Upper
276 100
138 6.6 8.7 13.1
277 25.4 20.2 30.4

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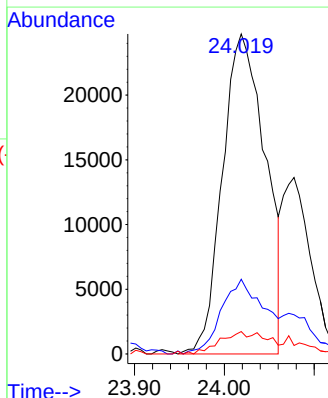
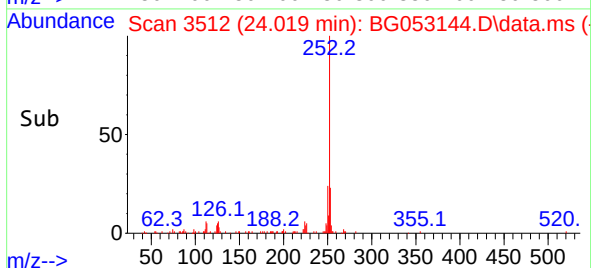
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

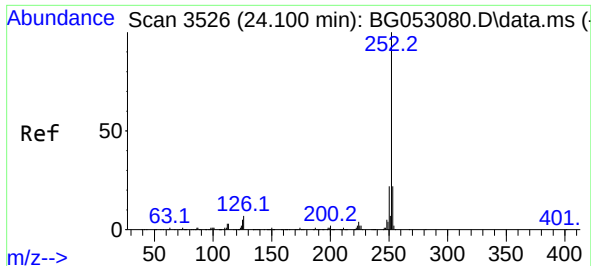


#88
Benzo(b)fluoranthene
Concen: 5.366 ng
RT: 24.019 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BG053144.D
Acq: 13 Apr 2022 18:43



Tgt Ion:252 Resp: 81979
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 7.0 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 2.007 ng m

RT: 24.078 min Scan# 3013

Delta R.T. -0.023 min

Lab File: BG053144.D

Acq: 13 Apr 2022 18:43

Instrument :

BNA_G

ClientSampleId :

E14ST-EB3-041122-0-5

Tgt Ion:252 Resp: 3013

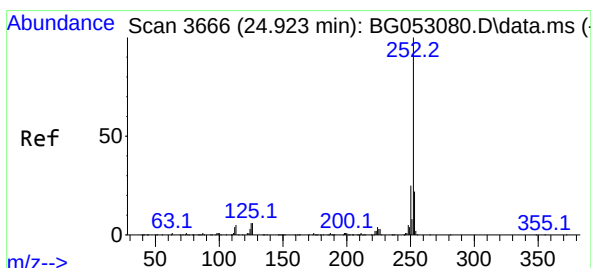
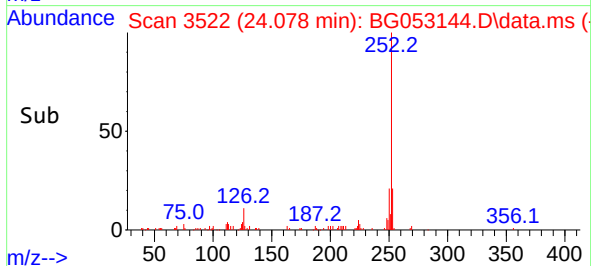
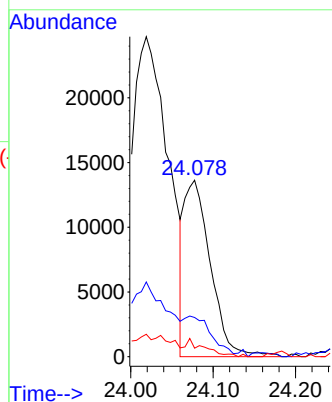
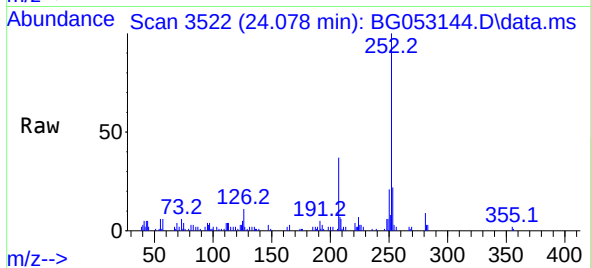
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	4.8	5.0	7.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/14/2022

Supervised By :Jagrut Upadhyay 04/14/2022



#90

Benzo(a)pyrene

Concen: 4.582 ng

RT: 24.906 min Scan# 3663

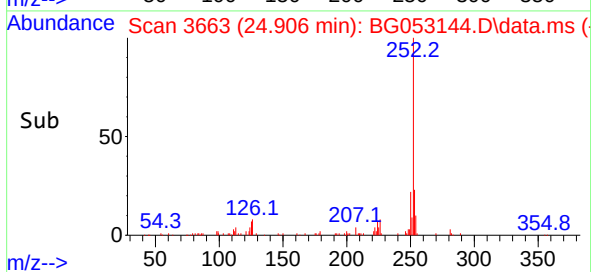
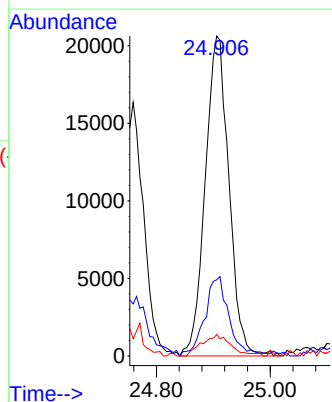
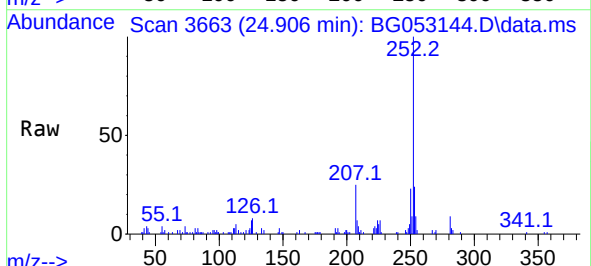
Delta R.T. -0.017 min

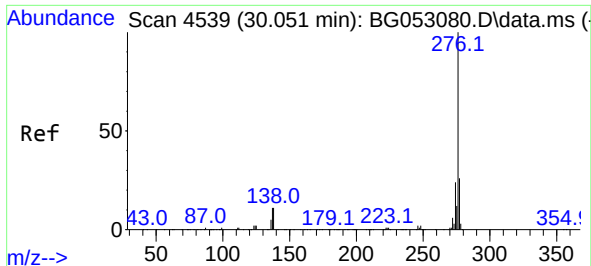
Lab File: BG053144.D

Acq: 13 Apr 2022 18:43

Tgt Ion:252 Resp: 59625

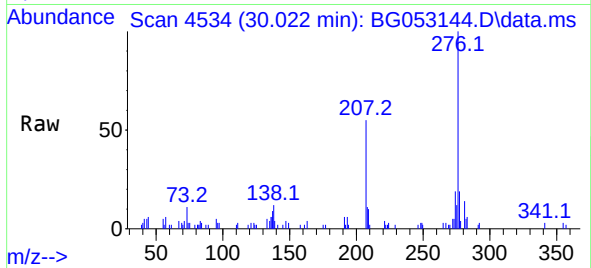
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	6.7	5.6	8.4





#92
 Benzo(g,h,i)perylene
 Concen: 3.227 ng m
 RT: 30.022 min Scan# 4534
 Delta R.T. -0.029 min
 Lab File: BG053144.D
 Acq: 13 Apr 2022 18:43

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-0-5



Tgt Ion:	276	Resp:	47080
Ion Ratio	Lower	Upper	
276	100		
277	18.8	18.2	27.2
138	11.7	9.1	13.7

Manual Integrations
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Reviewed By :Christian Giraldo 04/14/2022
 Supervised By :Jagrut Upadhyay 04/14/2022

