

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053738.D
 Acq On : 27 May 2022 18:12
 Operator : CG/JU
 Sample : N3067-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 33686

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 01:59:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	26947	20.000	ng	-0.03
21) Naphthalene-d8	10.761	136	113933	20.000	ng	-0.04
39) Acenaphthene-d10	14.591	164	75476	20.000	ng	-0.03
64) Phenanthrene-d10	17.346	188	146018	20.000	ng	-0.03
76) Chrysene-d12	21.616	240	145559	20.000	ng	-0.02
86) Perylene-d12	24.824	264	142969	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	147044	92.609	ng	-0.03
7) Phenol-d6	7.142	99	216400	89.803	ng	-0.02
23) Nitrobenzene-d5	9.122	82	139436	52.097	ng	-0.03
42) 2,4,6-Tribromophenol	16.100	330	82952	74.518	ng	-0.02
45) 2-Fluorobiphenyl	13.216	172	277232	53.674	ng	-0.03
79) Terphenyl-d14	19.960	244	423064	54.132	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.171	94	5259	2.231	ng	# 66
71) Phenanthrene	17.387	178	37324	5.027	ng	98
75) Fluoranthene	19.402	202	31713	3.299	ng	# 54
78) Pyrene	19.766	202	56390	5.984	ng	98
81) Benzo(a)anthracene	21.599	228	22562	2.430	ng	93
83) Chrysene	21.663	228	23019m	2.655	ng	
84) Bis(2-ethylhexyl)phtha...	21.493	149	98846	20.726	ng	99
85) Di-n-octyl phthalate	22.686	149	218490m	27.093	ng	
88) Benzo(b)fluoranthene	23.802	252	18279	2.160	ng	# 82
90) Benzo(a)pyrene	24.671	252	19846	2.755	ng	# 86

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

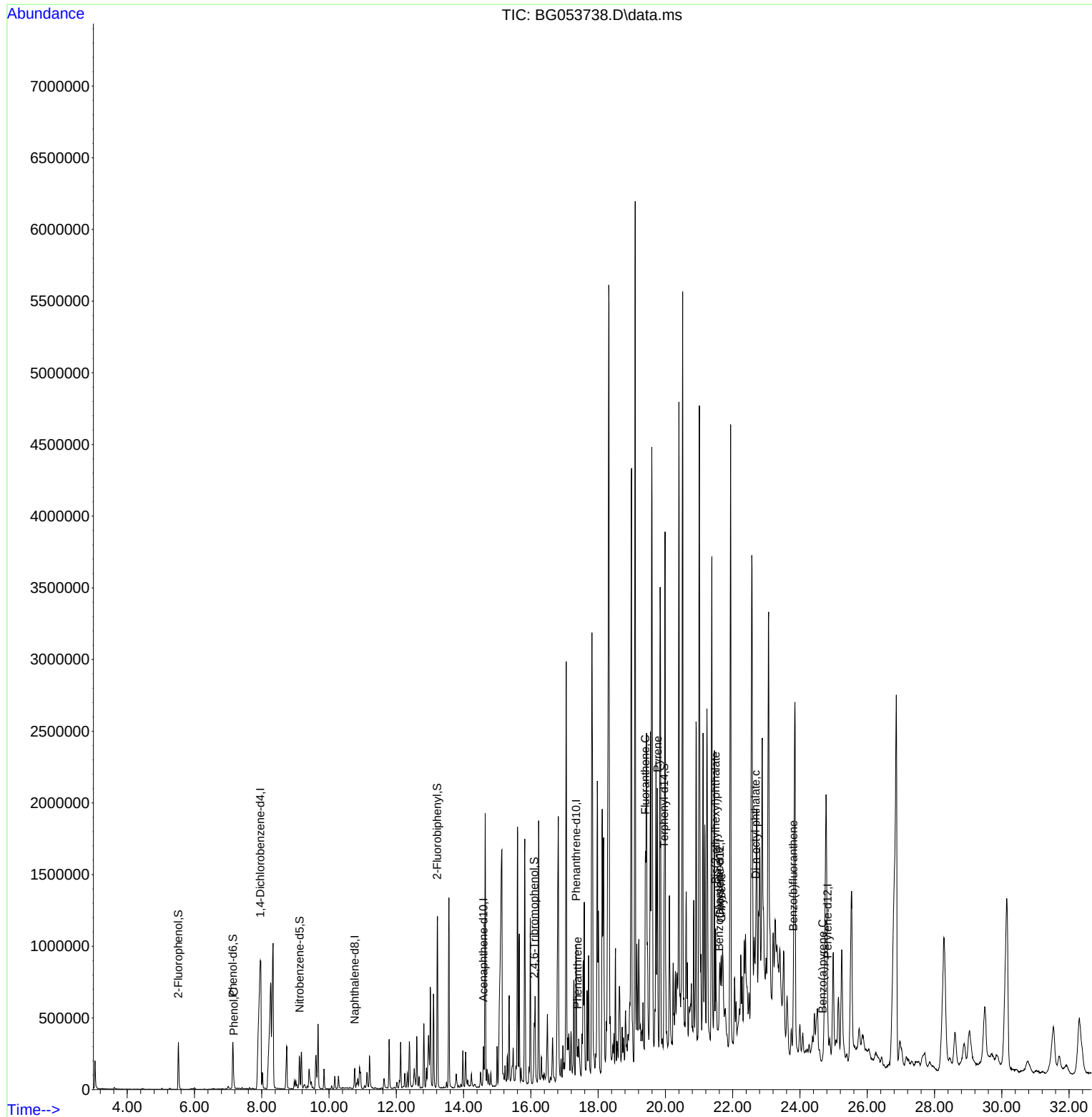
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053738.D
Acq On : 27 May 2022 18:12
Operator : CG/JU
Sample : N3067-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

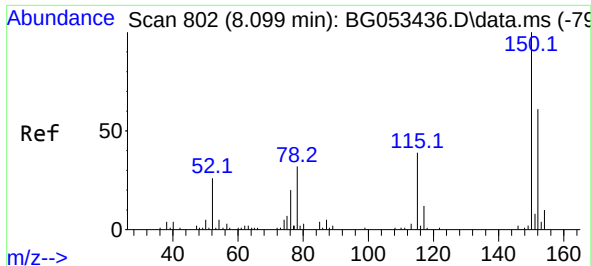
Instrument :
BNA_G
ClientSampleId :
33686

Quant Time: May 28 01:59:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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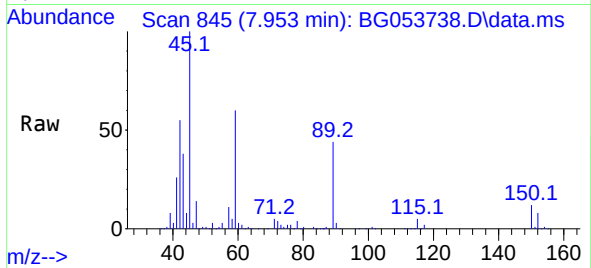
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

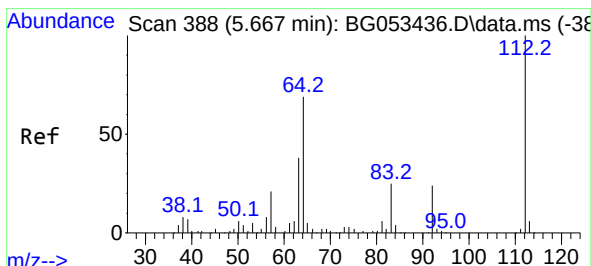
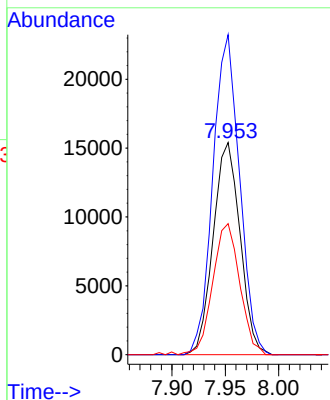
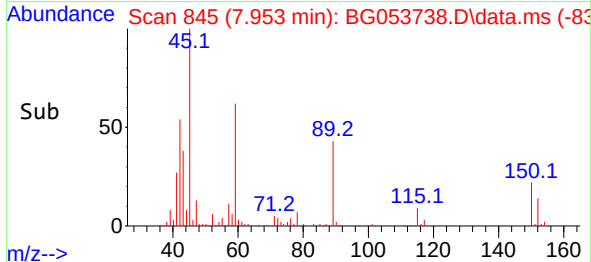
Instrument :
BNA_G
ClientSampleId :
33686



Tgt Ion:152 Resp: 2694
Ion Ratio Lower Upper
152 100
150 150.8 131.6 197.4
115 61.8 50.9 76.3

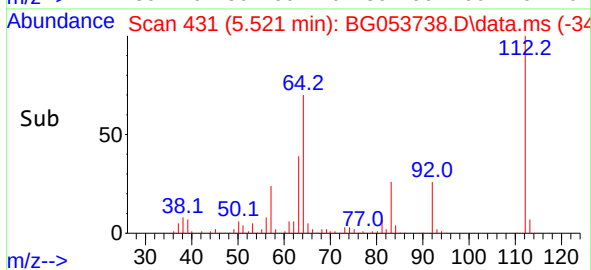
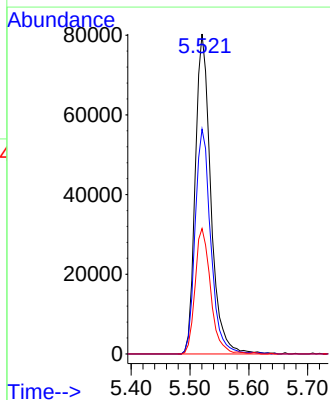
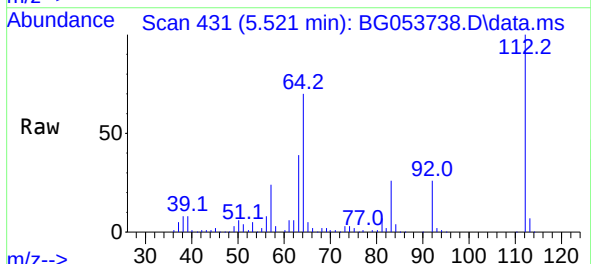
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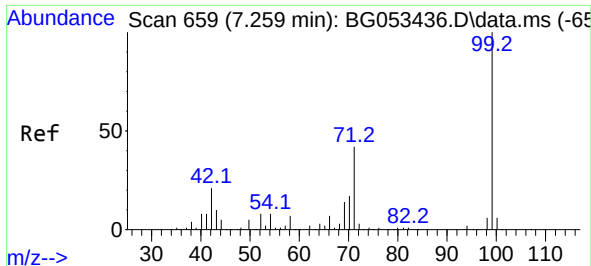
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#5
2-Fluorophenol
Concen: 92.609 ng
RT: 5.521 min Scan# 431
Delta R.T. -0.034 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

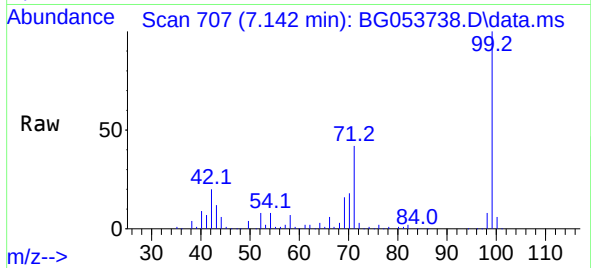
Tgt Ion:112 Resp: 147044
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 39.2 30.4 45.6





#7
Phenol-d6
Concen: 89.803 ng
RT: 7.142 min Scan# 70
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

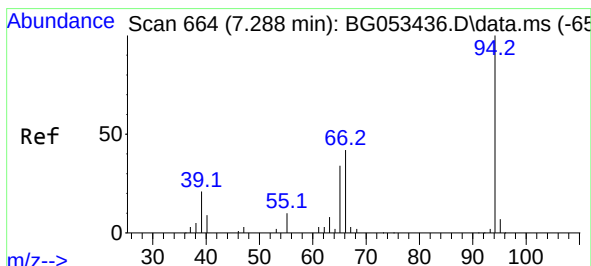
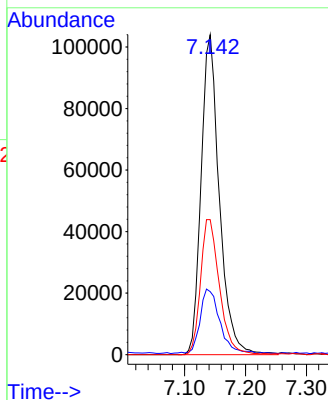
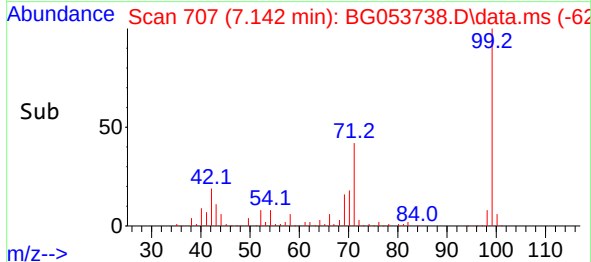
Instrument :
BNA_G
ClientSampleId :
33686



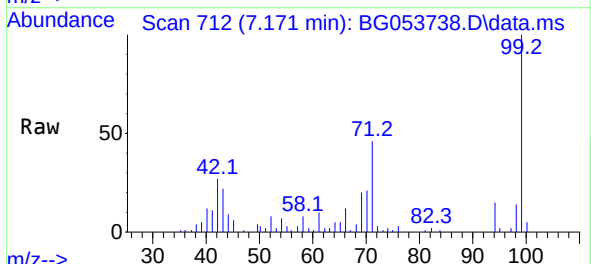
Tgt Ion: 99 Resp: 216400
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 42.2 33.8 50.8

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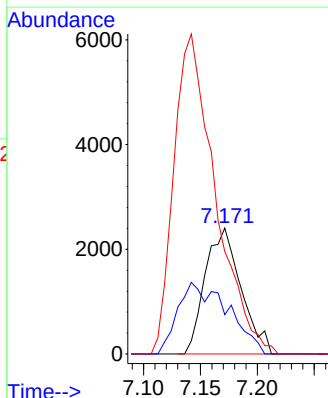
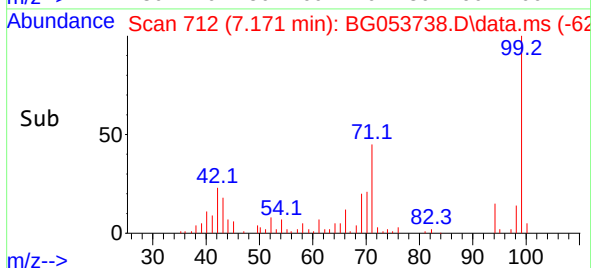
Reviewed By :Christian Giraldo 05/31/2022
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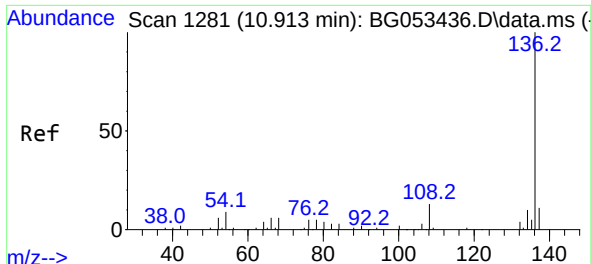


#10
Phenol
Concen: 2.231 ng
RT: 7.171 min Scan# 712
Delta R.T. -0.016 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



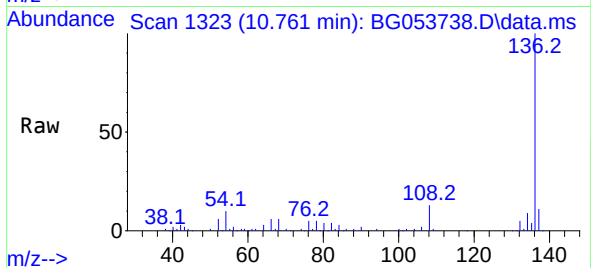
Tgt Ion: 94 Resp: 5259
Ion Ratio Lower Upper
94 100
65 31.3 14.8 54.8
66 81.4 25.2 65.2#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 11393
Delta R.T. -0.040 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

Instrument :
BNA_G
ClientSampleId :
33686

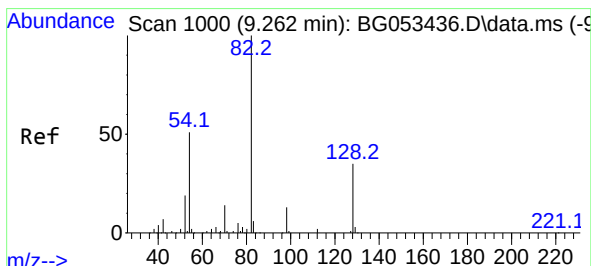
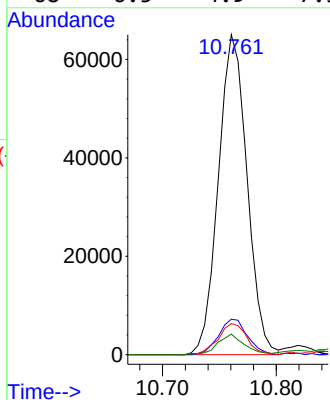
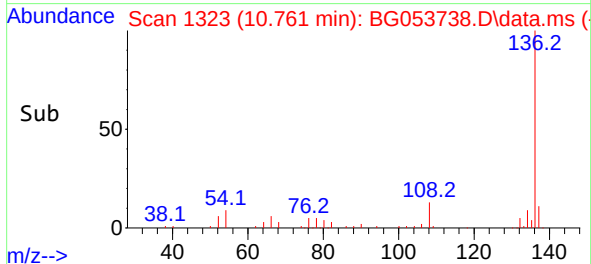


Tgt Ion:136 Resp: 11393

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.7	7.4	11.2
68	6.5	4.9	7.3

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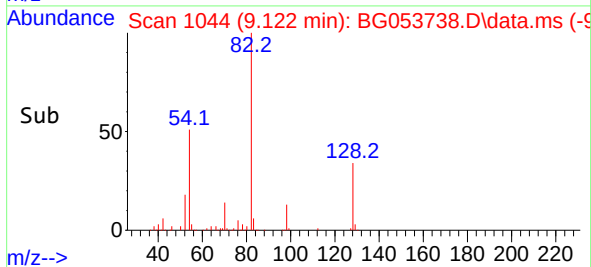
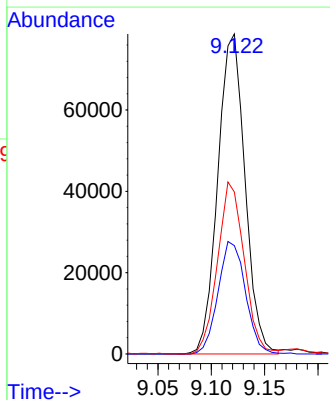
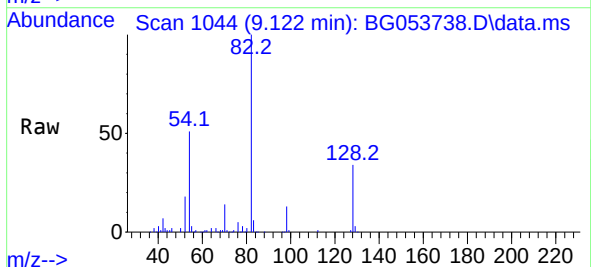
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

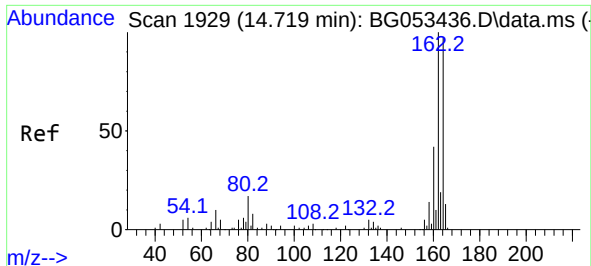


#23
Nitrobenzene-d5
Concen: 52.097 ng
RT: 9.122 min Scan# 1044
Delta R.T. -0.034 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

Tgt Ion: 82 Resp: 139436

Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.9	41.9
54	50.6	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1929

Delta R.T. -0.034 min

Lab File: BG053738.D

Acq: 27 May 2022 18:12

Instrument :

BNA_G

ClientSampleId :

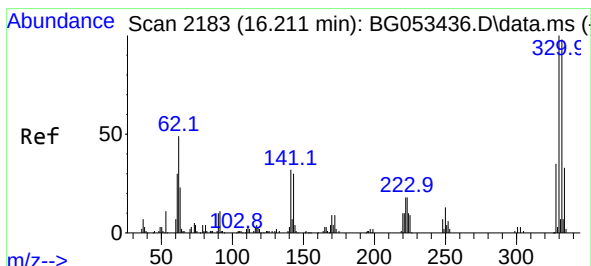
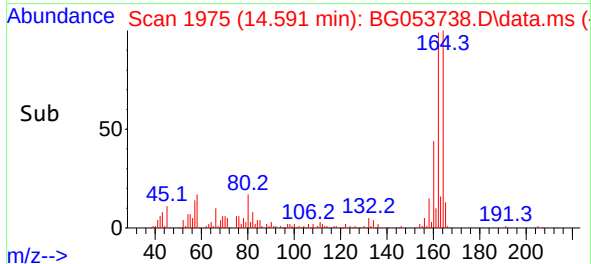
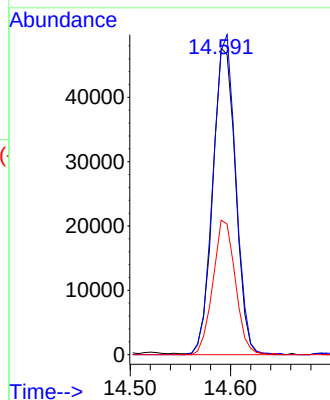
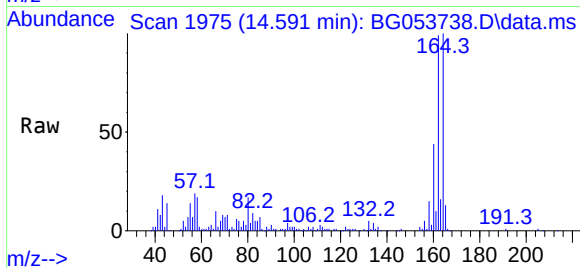
33686

Tgt Ion:164	Resp:	75470
Ion Ratio	Lower	Upper
164	100	
162	99.1	82.3 123.5
160	43.9	34.2 51.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/31/2022



#42

2,4,6-Tribromophenol

Concen: 74.518 ng

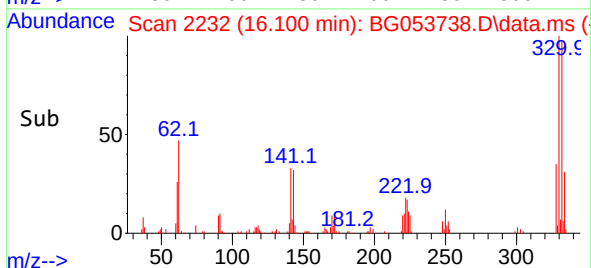
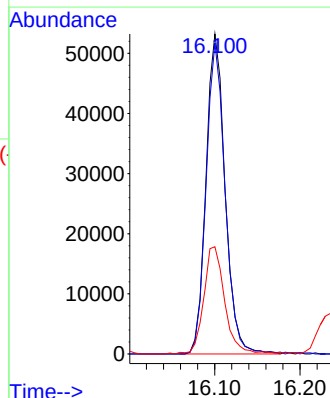
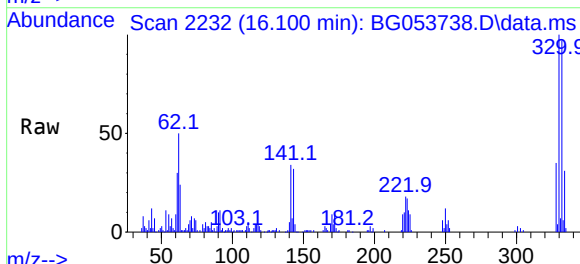
RT: 16.100 min Scan# 2232

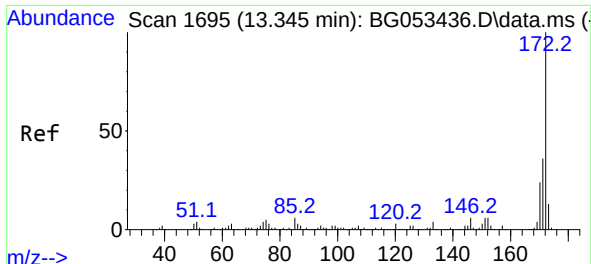
Delta R.T. -0.016 min

Lab File: BG053738.D

Acq: 27 May 2022 18:12

Tgt Ion:330	Resp:	82952
Ion Ratio	Lower	Upper
330	100	
332	96.6	76.0 114.0
141	36.9	27.1 40.7





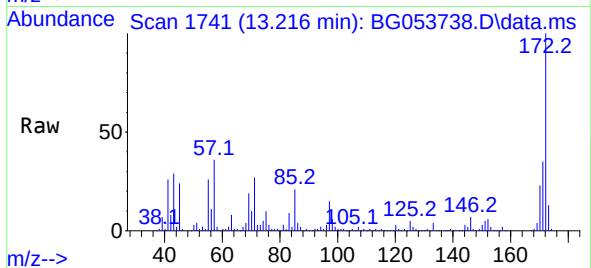
#45
2-Fluorobiphenyl
Concen: 53.674 ng
RT: 13.216 min Scan# 11
Delta R.T. -0.028 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

Instrument :

BNA_G

ClientSampleId :

33686

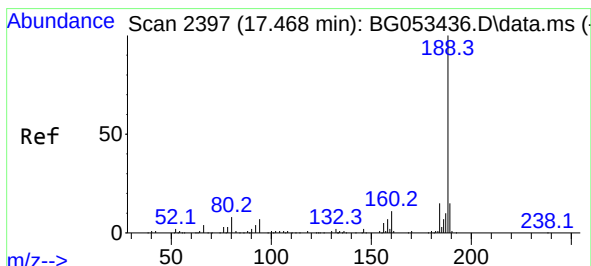
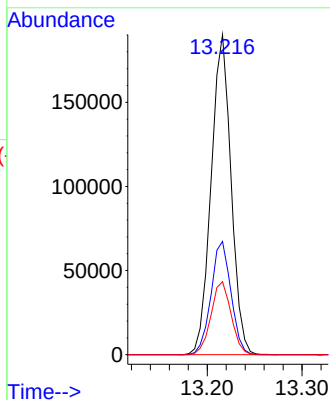
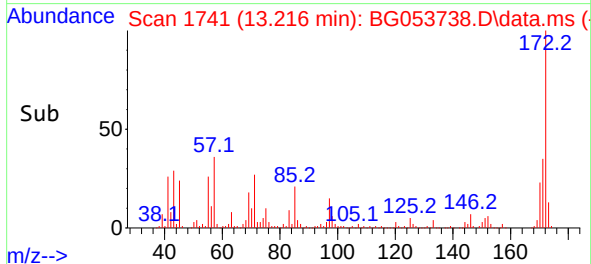


Tgt Ion:172 Resp: 27723
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.8 18.9 28.3

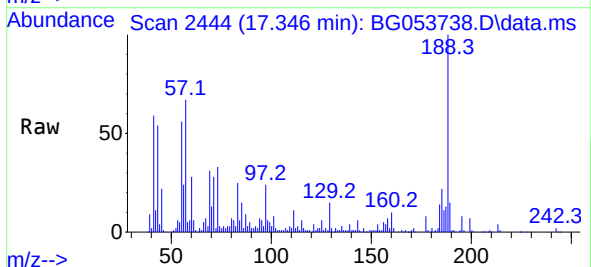
Manual Integrations

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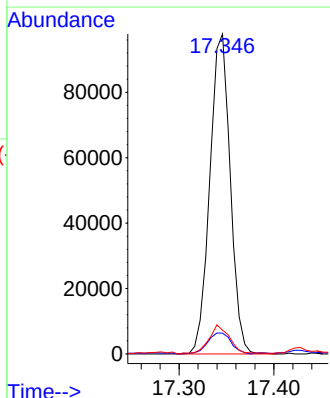
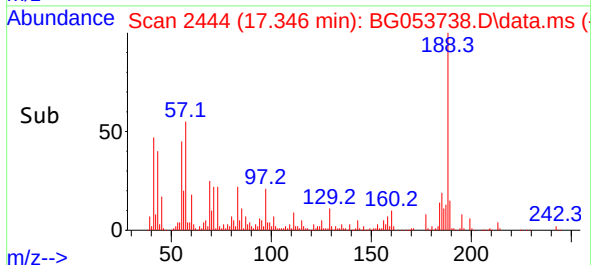
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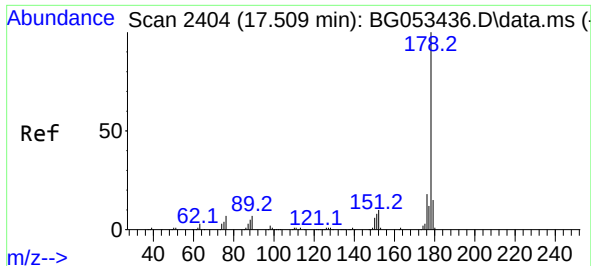


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.346 min Scan# 2444
Delta R.T. -0.028 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



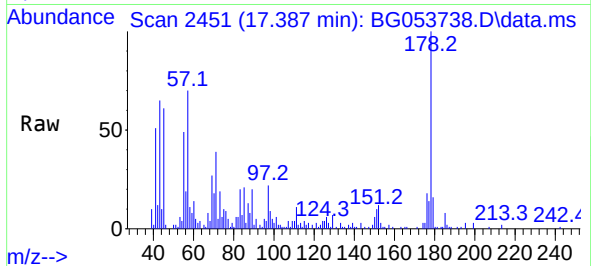
Tgt Ion:188 Resp: 146018
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.4 6.8 10.2





#71
Phenanthrene
Concen: 5.027 ng
RT: 17.387 min Scan# 2404
Delta R.T. -0.028 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

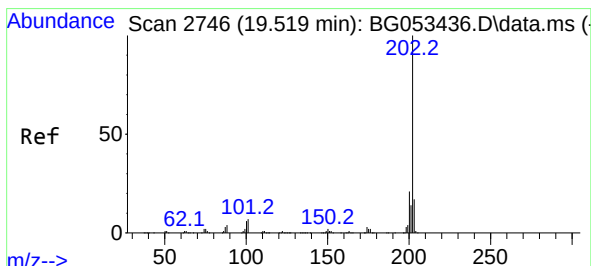
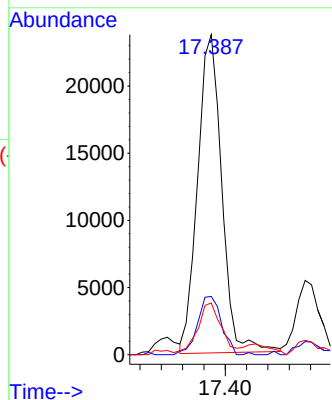
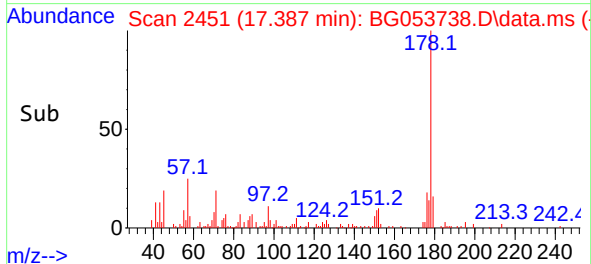
Instrument :
BNA_G
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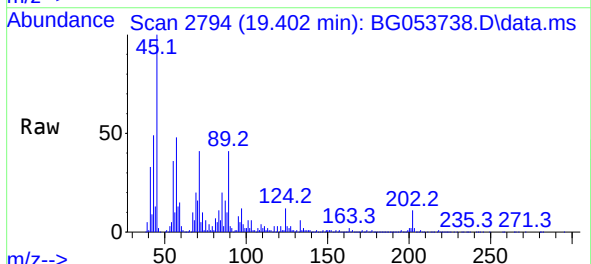
Tgt Ion:178 Resp: 37324
Ion Ratio Lower Upper
178 100
176 18.2 14.1 21.1
179 16.2 12.1 18.1

Manual Integrations
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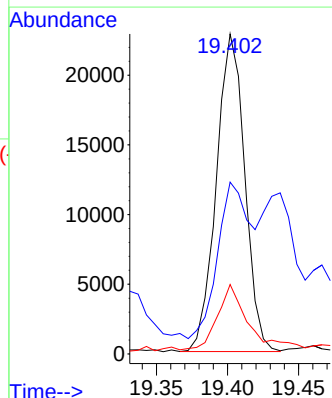
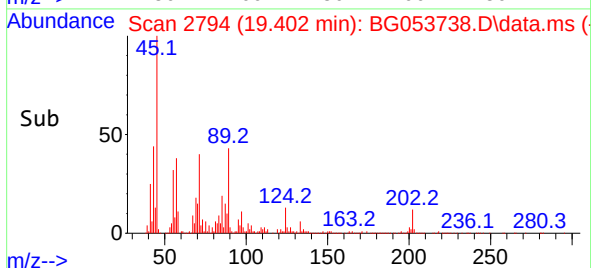
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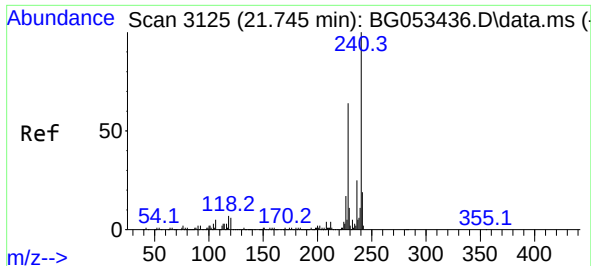


#75
Fluoranthene
Concen: 3.299 ng
RT: 19.402 min Scan# 2794
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



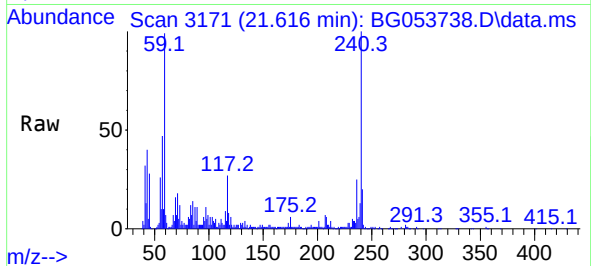
Tgt Ion:202 Resp: 31713
Ion Ratio Lower Upper
202 100
101 53.7 0.0 26.9#
203 21.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 31
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

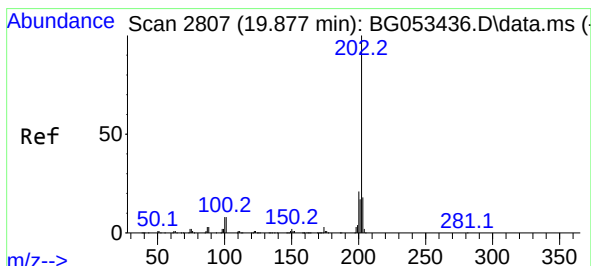
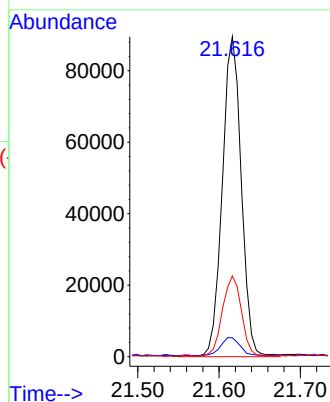
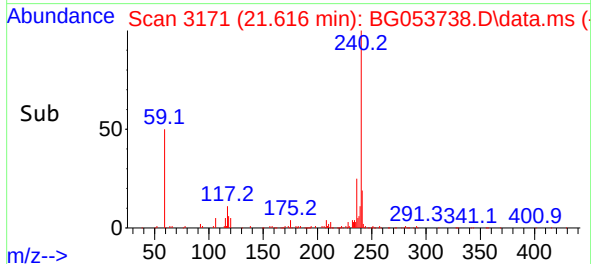
Instrument :
BNA_G
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33686



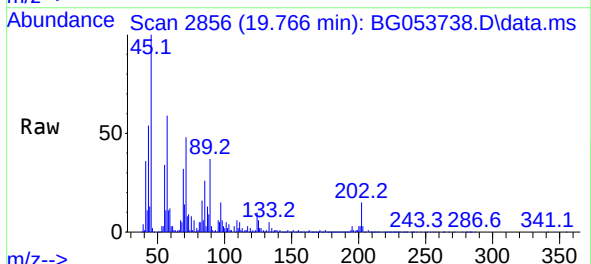
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Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.3 20.2 30.4

Manual Integrations
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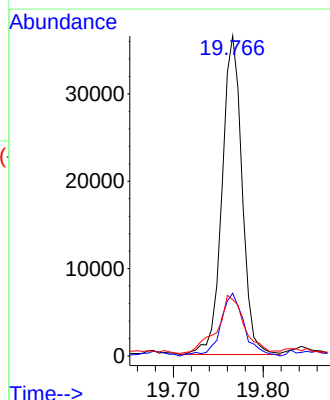
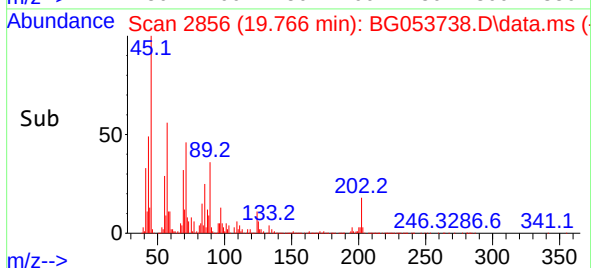
Reviewed By :Christian Giraldo 05/31/2022
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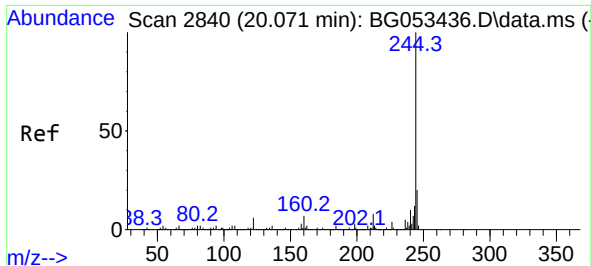


#78
Pyrene
Concen: 5.984 ng
RT: 19.766 min Scan# 2856
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



Tgt Ion:202 Resp: 56390
Ion Ratio Lower Upper
202 100
200 19.6 16.6 24.8
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 54.132 ng
 RT: 19.960 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG053738.D
 Acq: 27 May 2022 18:12

Instrument :

BNA_G

ClientSampleId :

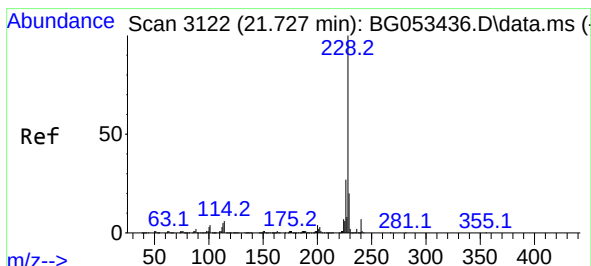
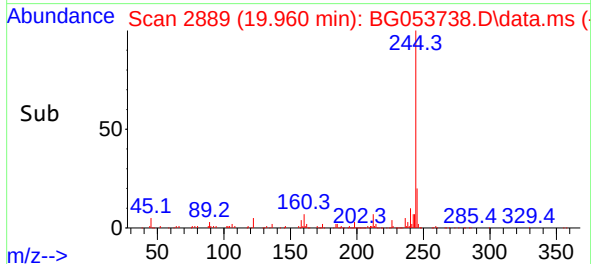
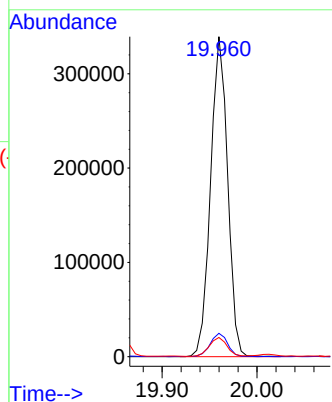
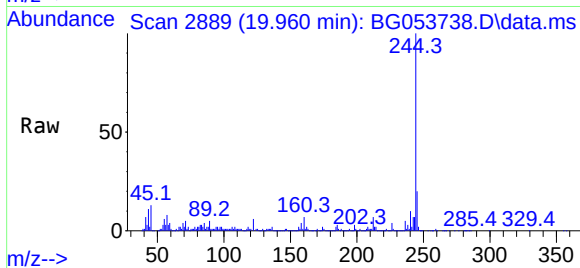
33686

Tgt Ion:244 Resp: 423064
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.0 5.0 7.4

Manual Integrations

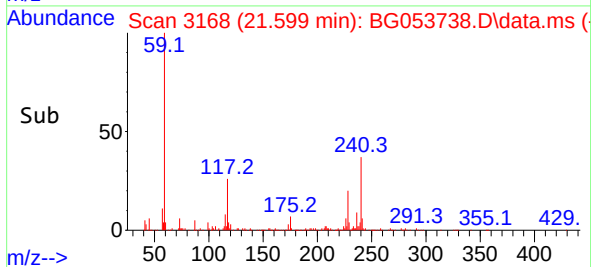
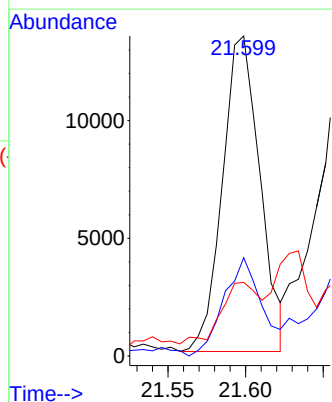
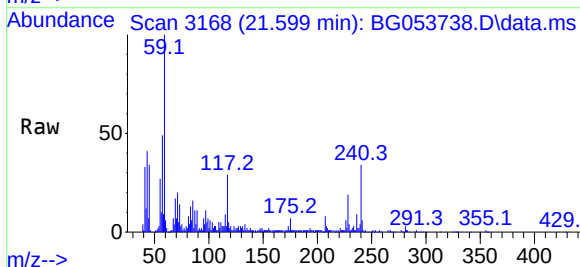
APPROVED

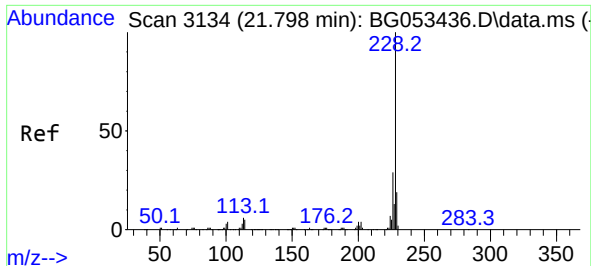
Reviewed By :Christian Giraldo 05/31/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#81
 Benzo(a)anthracene
 Concen: 2.430 ng
 RT: 21.599 min Scan# 3168
 Delta R.T. -0.016 min
 Lab File: BG053738.D
 Acq: 27 May 2022 18:12

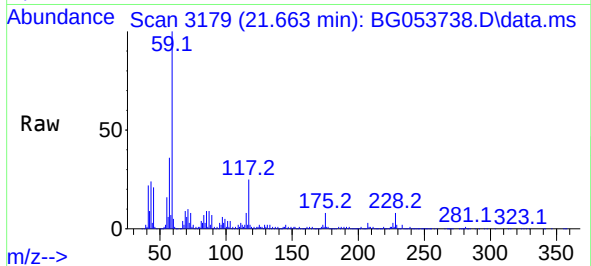
Tgt Ion:228 Resp: 22562
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.6 32.4
 229 23.0 16.2 24.2





#83
Chrysene
Concen: 2.655 ng m
RT: 21.663 min Scan# 3134
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

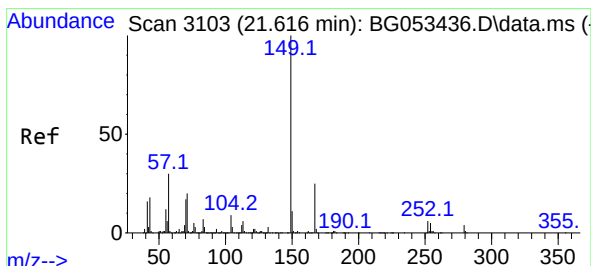
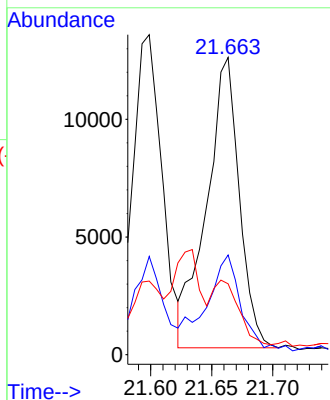
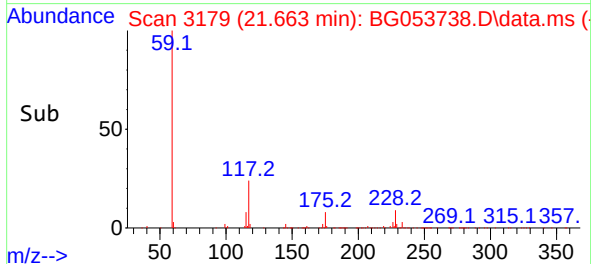
Instrument :
BNA_G
ClientSampleId :
33686



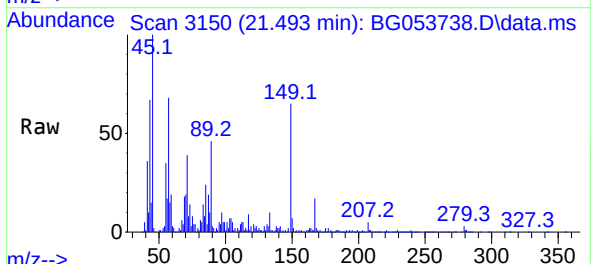
Tgt Ion:228 Resp: 23019
Ion Ratio Lower Upper
228 100
226 33.5 23.4 35.2
229 23.9 15.5 23.3

Manual Integrations
APPROVED

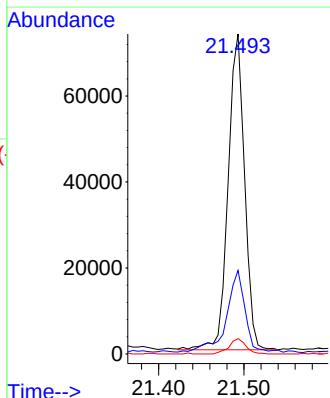
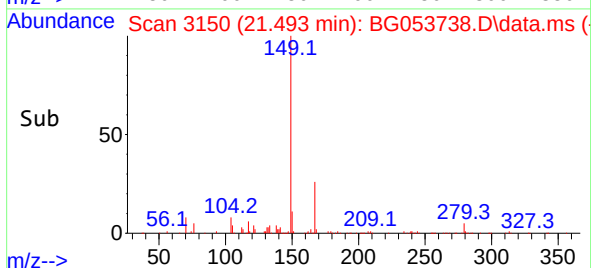
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

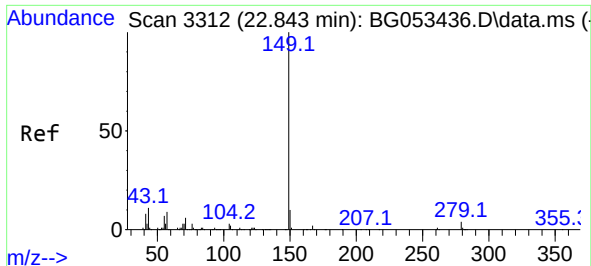


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.726 ng
RT: 21.493 min Scan# 3150
Delta R.T. -0.016 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



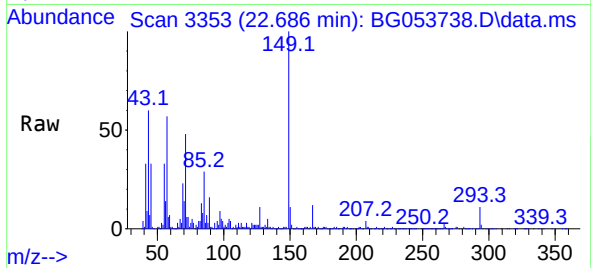
Tgt Ion:149 Resp: 98846
Ion Ratio Lower Upper
149 100
167 26.1 20.2 30.4
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 27.093 ng m
RT: 22.686 min Scan# 31
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

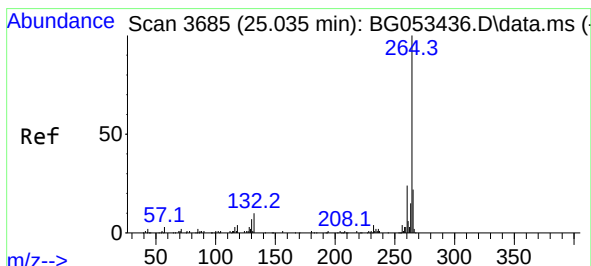
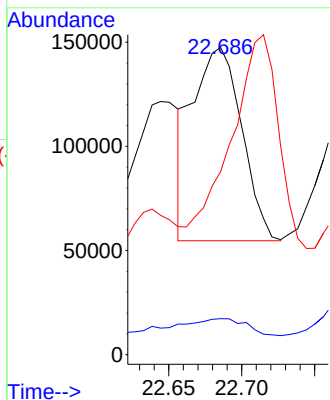
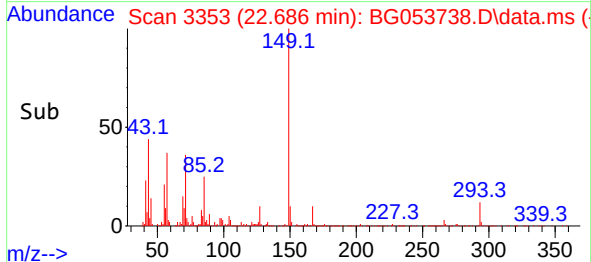
Instrument :
BNA_G
ClientSampleId :
33686



Tgt Ion:149 Resp: 218490
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9
43 37.6 9.0 13.4

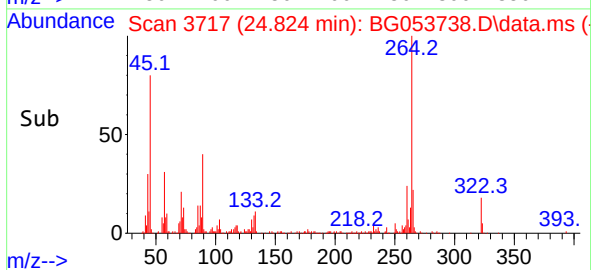
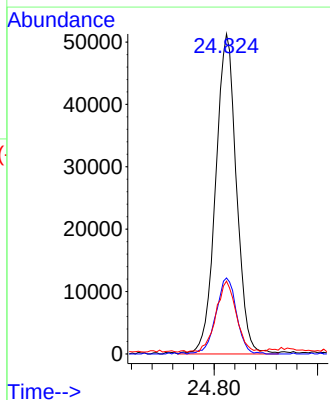
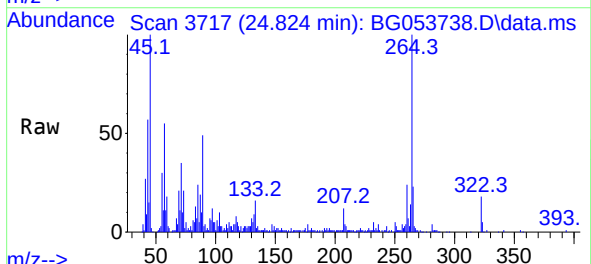
Manual Integrations
APPROVED

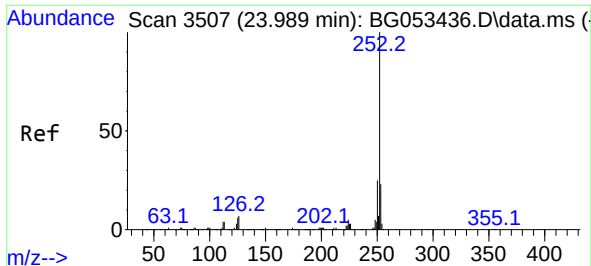
Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3717
Delta R.T. -0.016 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

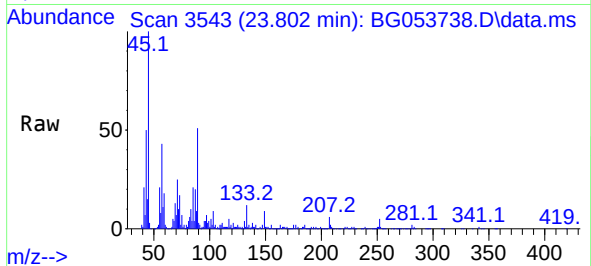
Tgt Ion:264 Resp: 142969
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.160 ng
RT: 23.802 min Scan# 31
Delta R.T. -0.022 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12

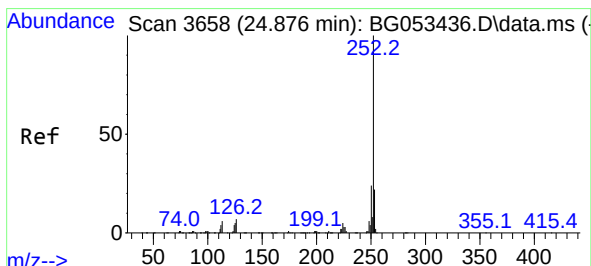
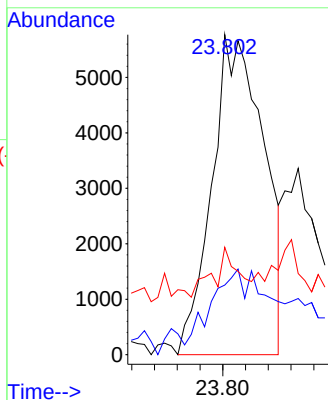
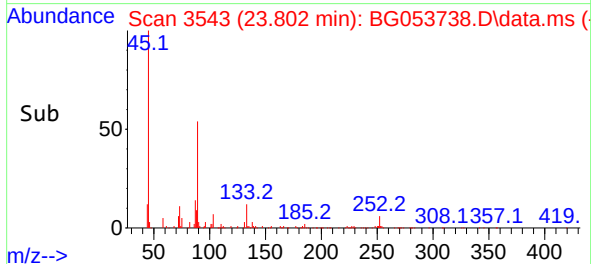
Instrument :
BNA_G
ClientSampleId :
33686



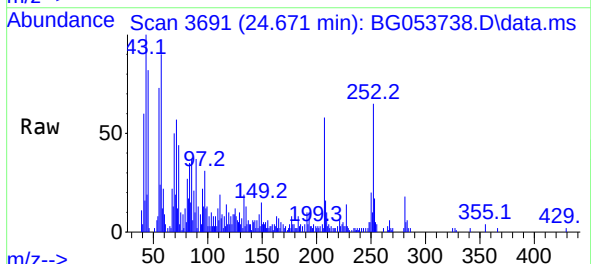
Tgt Ion:252 Resp: 18279
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 33.5 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#90
Benzo(a)pyrene
Concen: 2.755 ng
RT: 24.671 min Scan# 3691
Delta R.T. -0.016 min
Lab File: BG053738.D
Acq: 27 May 2022 18:12



Tgt Ion:252 Resp: 19846
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 18.6 4.3 6.5

