

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055291.D
 Acq On : 26 Oct 2022 1:38
 Operator : CG/JU
 Sample : N5257-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HOLLAND-RD-COMP-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/26/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 14:49:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	59038	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	252709	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	150672	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	285404	20.000	ng	0.00
76) Chrysene-d12	21.902	240	253840	20.000	ng	0.00
86) Perylene-d12	25.303	264	242698	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	319473	94.751	ng	0.01
7) Phenol-d6	7.419	99	447132	91.534	ng	0.00
23) Nitrobenzene-d5	9.451	82	294555	59.519	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	143438	87.572	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	508381	55.226	ng	0.00
79) Terphenyl-d14	20.192	244	544609	44.576	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.665	178	116255	7.638	ng	99
75) Fluoranthene	19.651	202	220800	12.449	ng	99
78) Pyrene	20.010	202	178837	10.279	ng	99
81) Benzo(a)anthracene	21.878	228	84872	4.979	ng	98
83) Chrysene	21.949	228	91775	5.668	ng	97
87) Indeno(1,2,3-cd)pyrene	29.228	276	37247	2.078	ng	# 85
88) Benzo(b)fluoranthene	24.216	252	113908	7.803	ng	# 88
89) Benzo(k)fluoranthene	24.281	252	45585m	3.092	ng	
90) Benzo(a)pyrene	25.139	252	70474	5.629	ng	# 93
92) Benzo(g,h,i)perylene	30.462	276	32633	2.237	ng	# 81

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

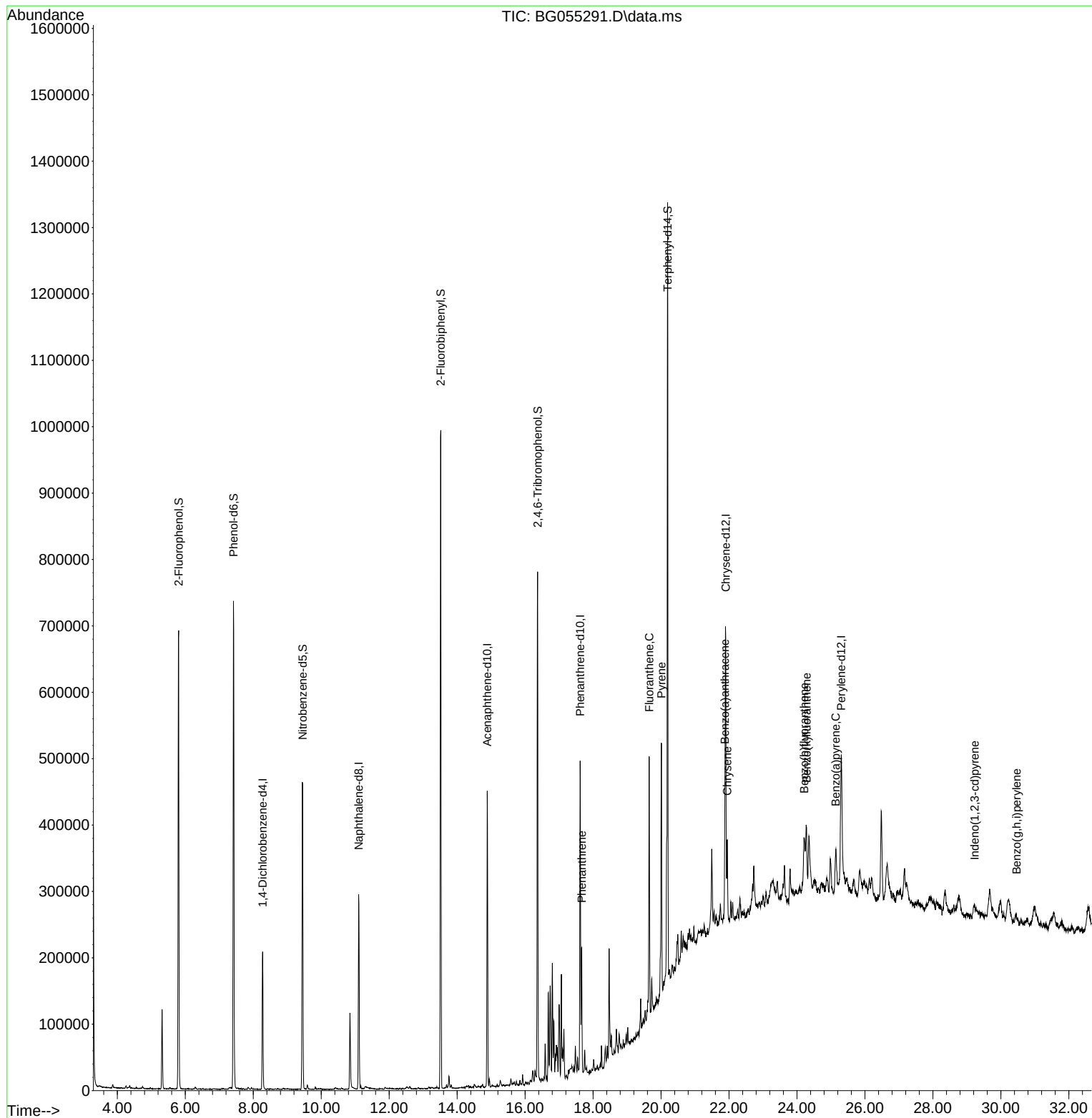
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055291.D
Acq On : 26 Oct 2022 1:38
Operator : CG/JU
Sample : N5257-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

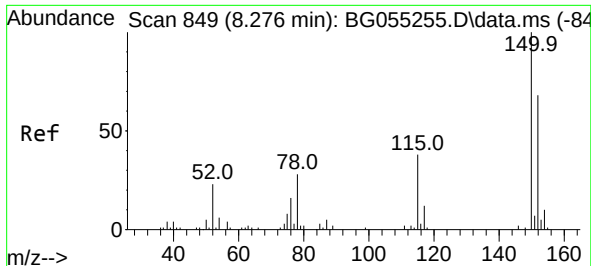
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Oct 26 14:49:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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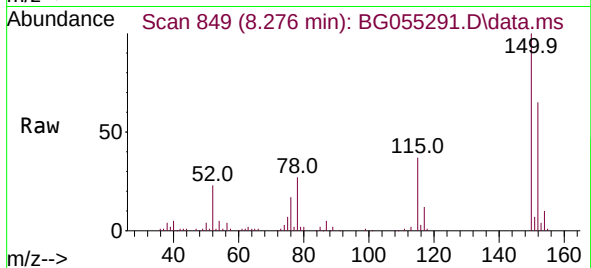
Reviewed By : Christian Giraldo 10/26/2022
Supervised By : Jagrut Upadhyay 10/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

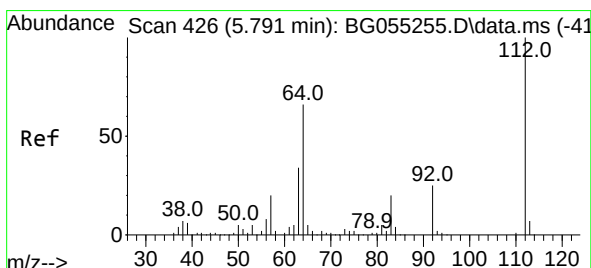
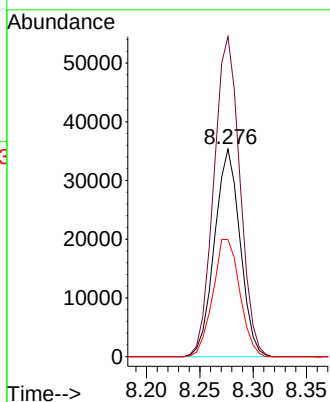
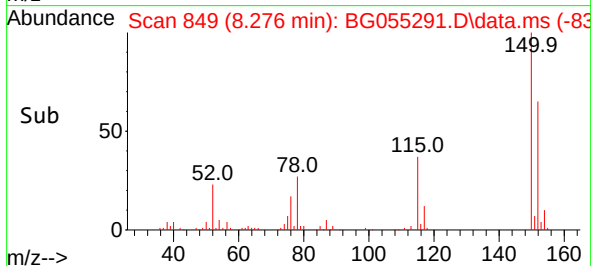
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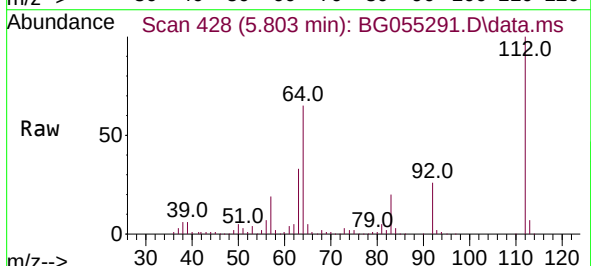
Tgt Ion:152 Resp: 59038
Ion Ratio Lower Upper
152 100
150 154.2 118.2 177.4
115 56.4 44.5 66.7

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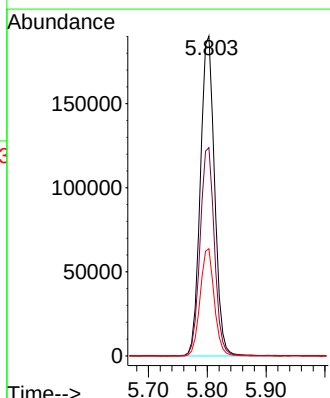
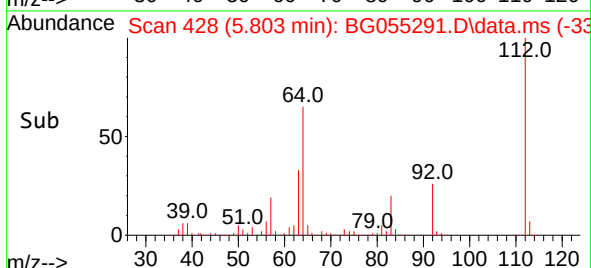
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Supervised By :Jagrut Upadhyay 10/27/2022

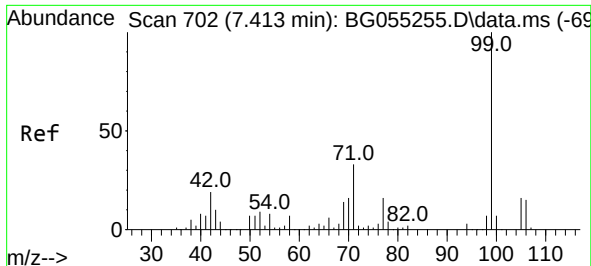


#5
2-Fluorophenol
Concen: 94.751 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



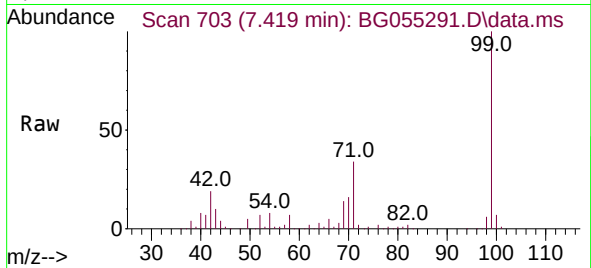
Tgt Ion:112 Resp: 319473
Ion Ratio Lower Upper
112 100
64 65.1 52.6 78.8
63 33.5 27.1 40.7





#7
Phenol-d6
Concen: 91.534 ng
RT: 7.419 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

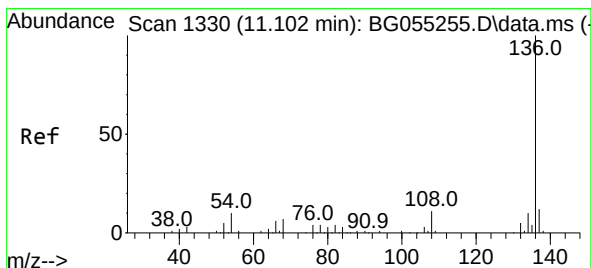
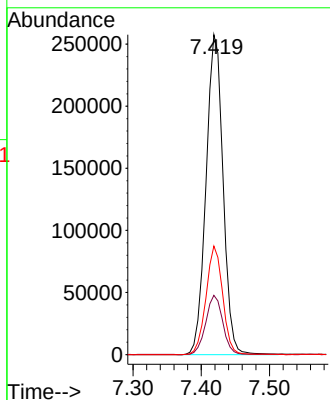
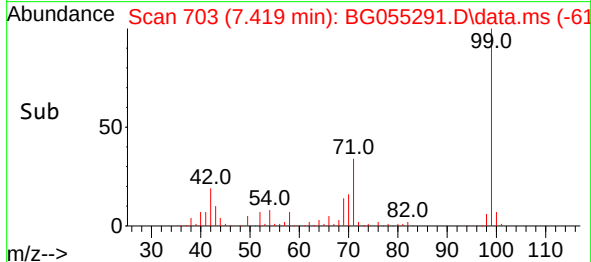
Instrument :
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ClientSampleId :
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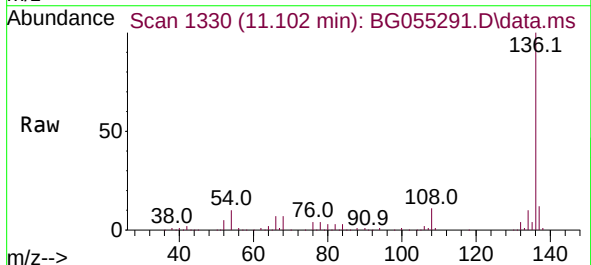
Tgt Ion: 99 Resp: 447132
Ion Ratio Lower Upper
99 100
42 18.5 15.2 22.8
71 33.9 26.2 39.4

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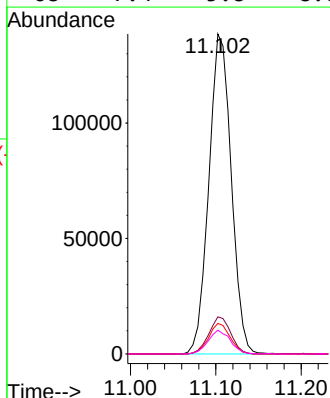
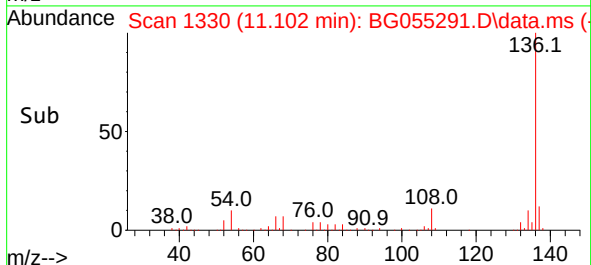
Reviewed By :Christian Giraldo 10/26/2022
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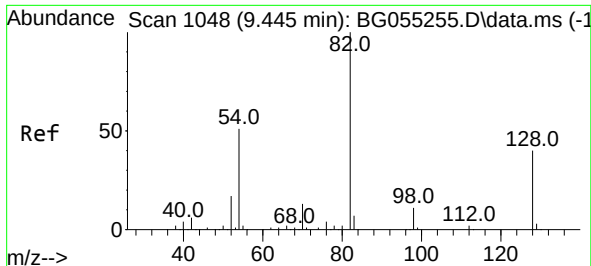


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:136 Resp: 252709
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.6 7.8 11.8
68 7.4 5.8 8.6





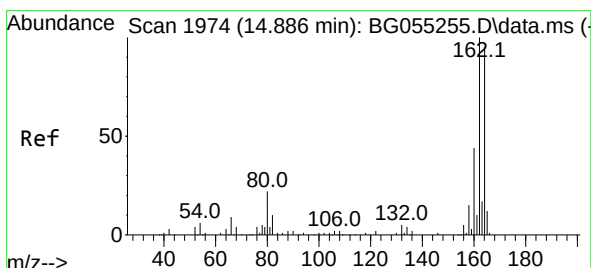
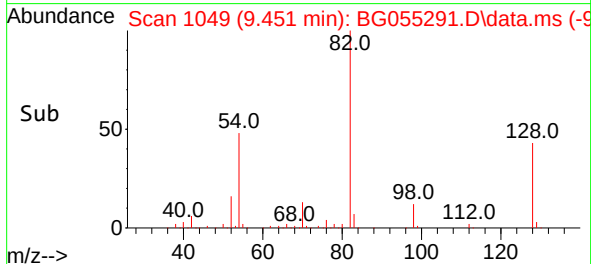
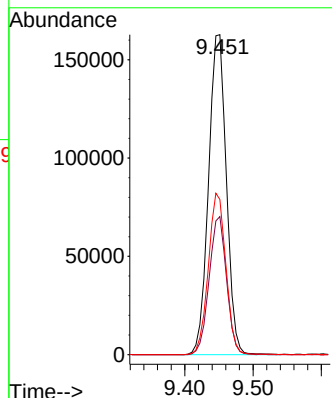
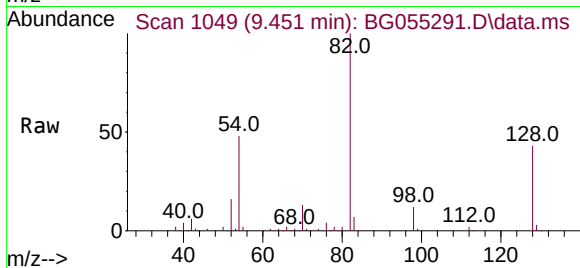
#23
Nitrobenzene-d5
Concen: 59.519 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 29455
Ion Ratio Lower Upper
82 100
128 43.1 32.0 48.0
54 48.5 40.9 61.3

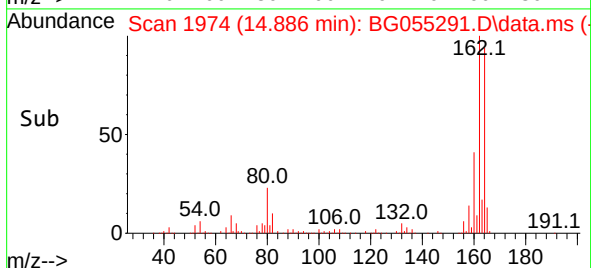
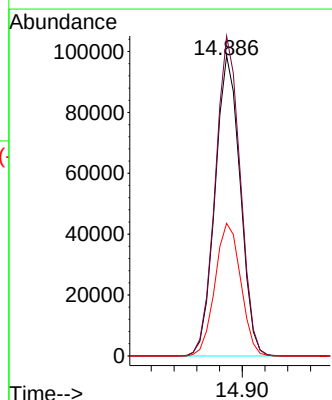
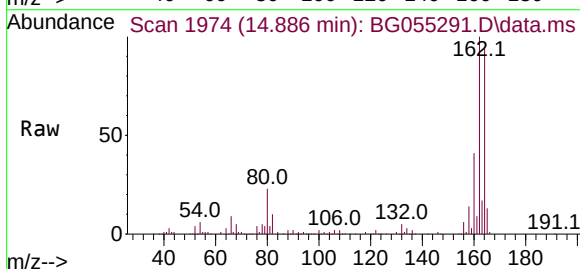
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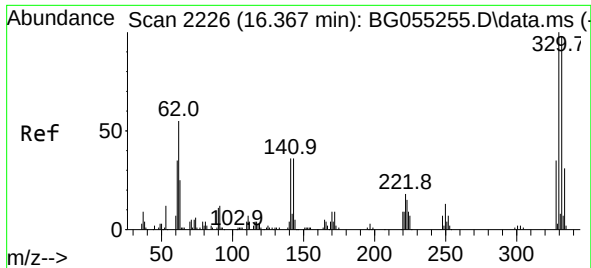
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

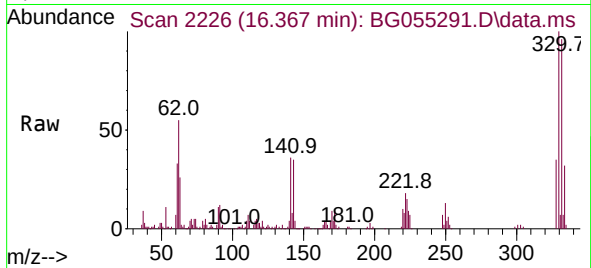
Tgt Ion:164 Resp: 150672
Ion Ratio Lower Upper
164 100
162 106.6 84.0 126.0
160 44.1 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 87.572 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

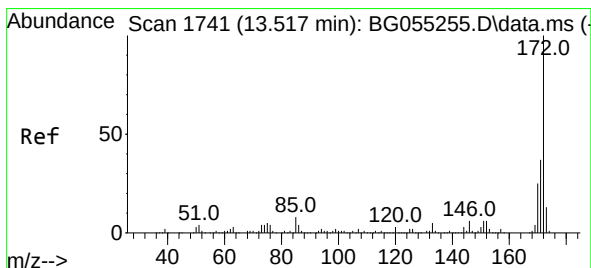
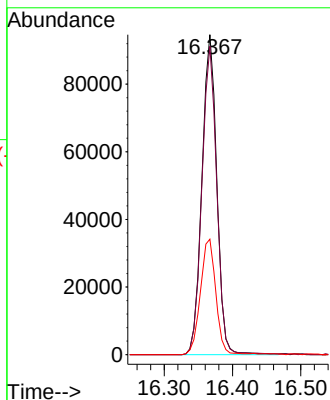
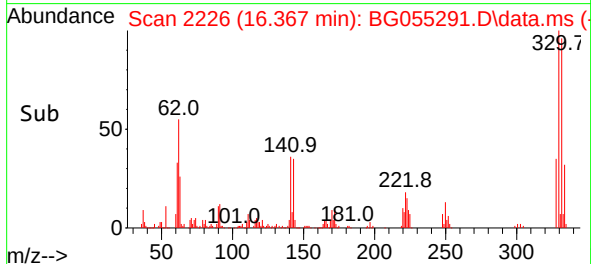
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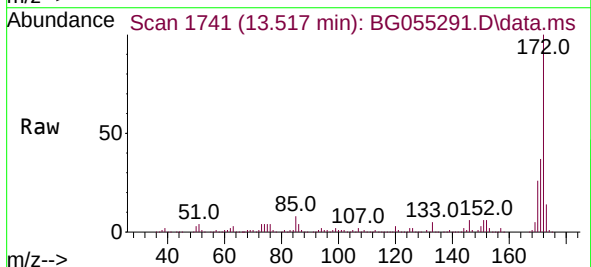
Tgt Ion:330 Resp: 143438
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.4 29.8 44.8

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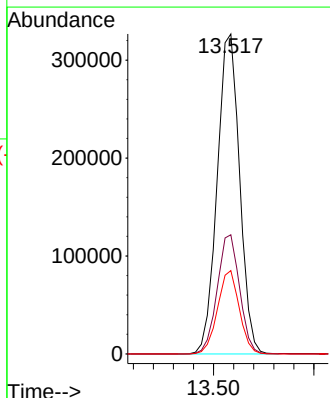
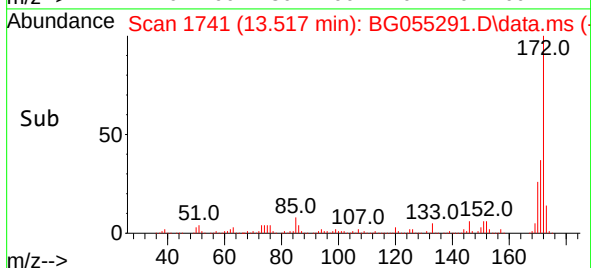
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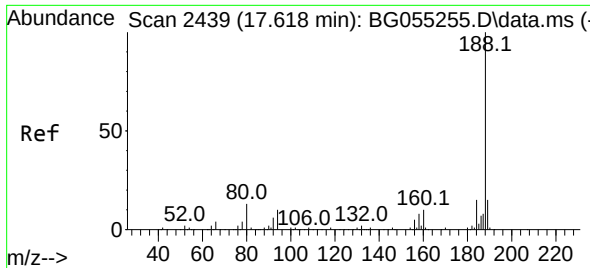


#45
2-Fluorobiphenyl
Concen: 55.226 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



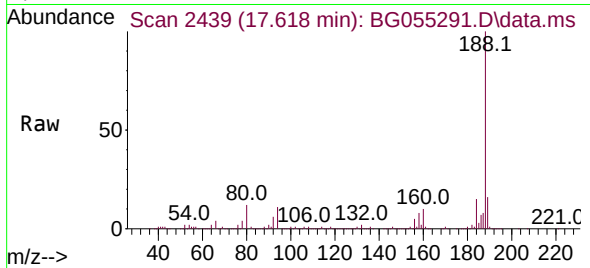
Tgt Ion:172 Resp: 508381
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 26.0 20.2 30.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

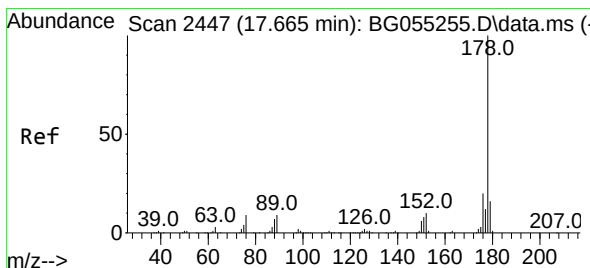
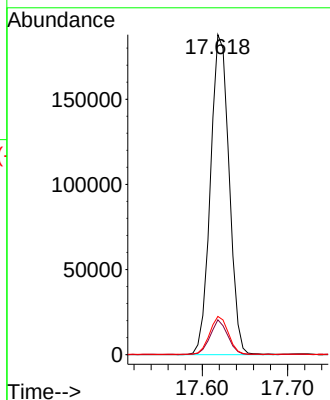
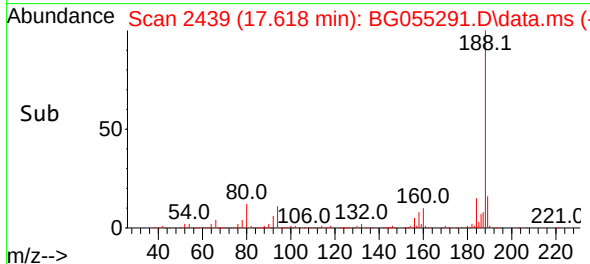
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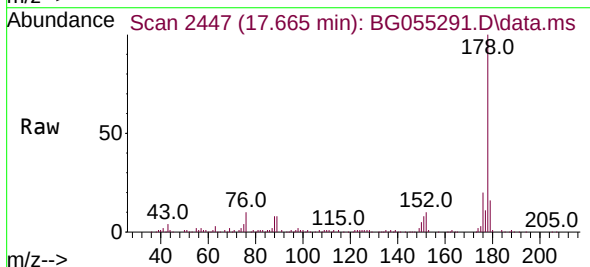
Tgt Ion:188 Resp: 285404
Ion Ratio Lower Upper
188 100
94 10.9 8.2 12.4
80 11.9 10.1 15.1

Manual Integrations
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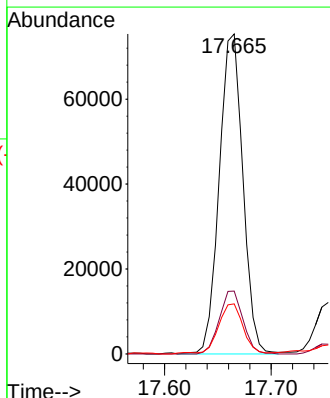
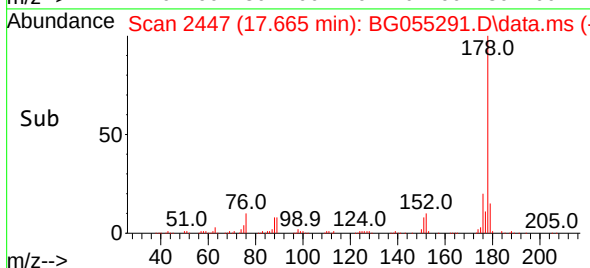
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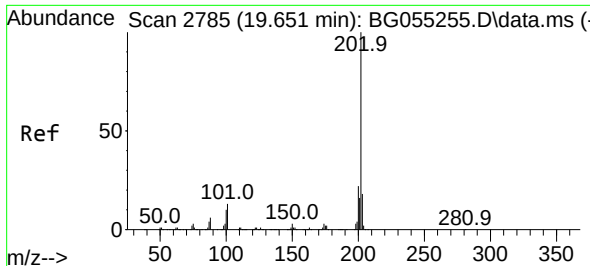


#71
Phenanthrene
Concen: 7.638 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



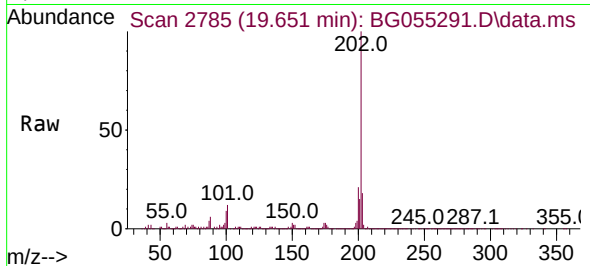
Tgt Ion:178 Resp: 116255
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 12.6 19.0





#75
Fluoranthene
Concen: 12.449 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

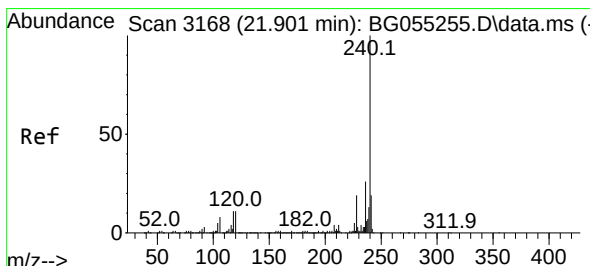
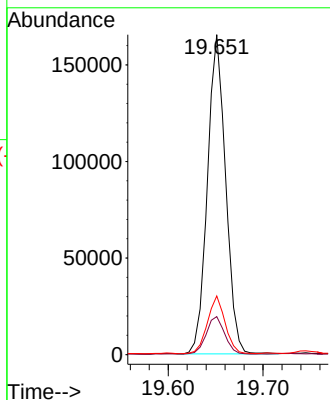
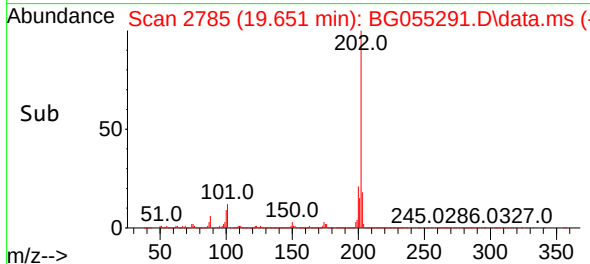
Instrument :
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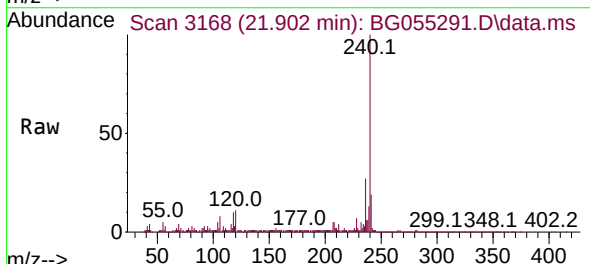
Tgt Ion:202 Resp: 220800
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.6
203 18.3 0.0 38.3

Manual Integrations
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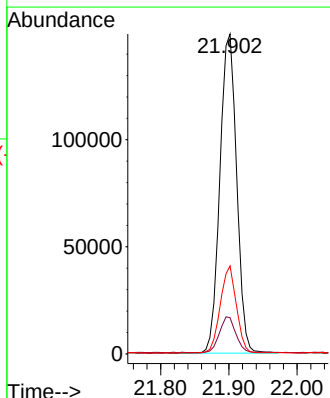
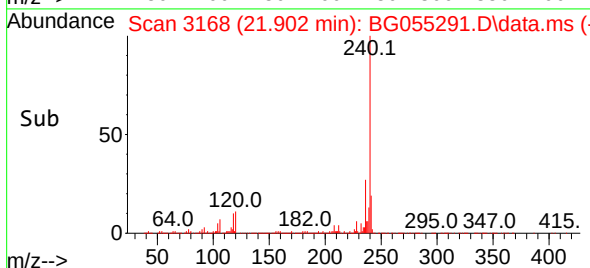
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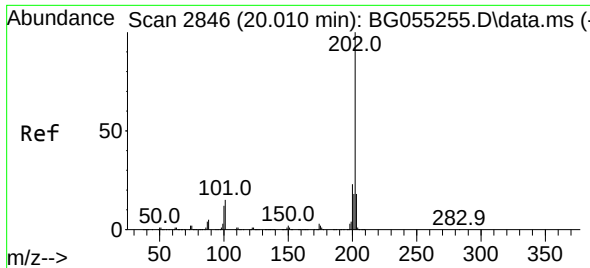


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:240 Resp: 253840
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 27.5 21.0 31.4





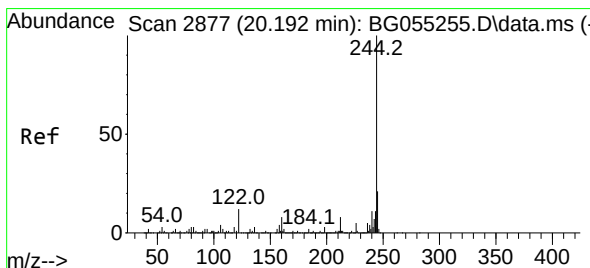
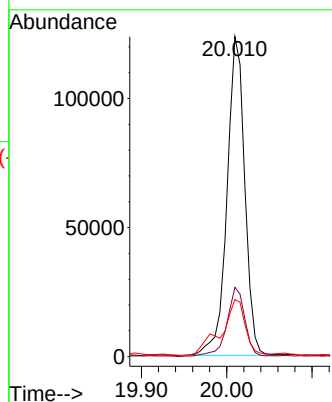
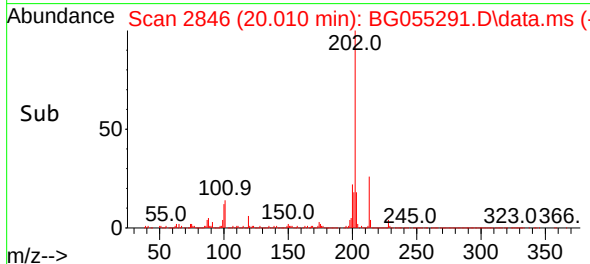
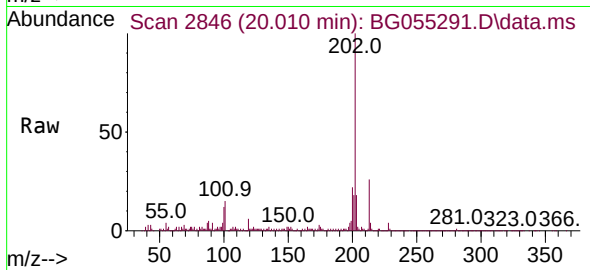
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Pyrene
Concen: 10.279 ng
RT: 20.010 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

Instrument :
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Tgt Ion:202 Resp: 178837
Ion Ratio Lower Upper
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203 17.8 14.3 21.5

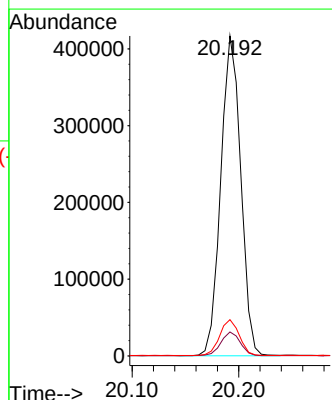
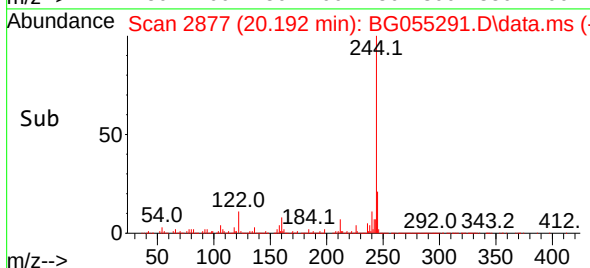
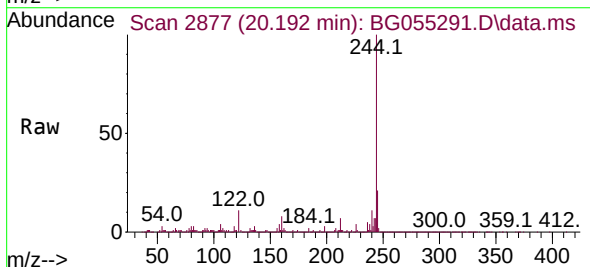
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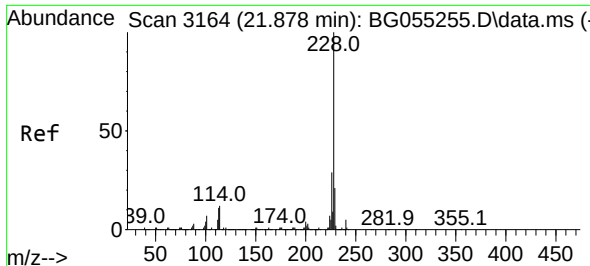
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#79
Terphenyl-d14
Concen: 44.576 ng
RT: 20.192 min Scan# 2877
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

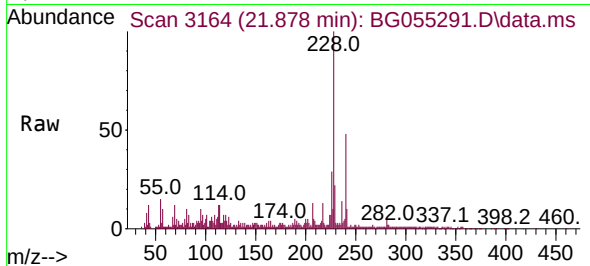
Tgt Ion:244 Resp: 544609
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.3 9.6 14.4





#81
Benzo(a)anthracene
Concen: 4.979 ng
RT: 21.878 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

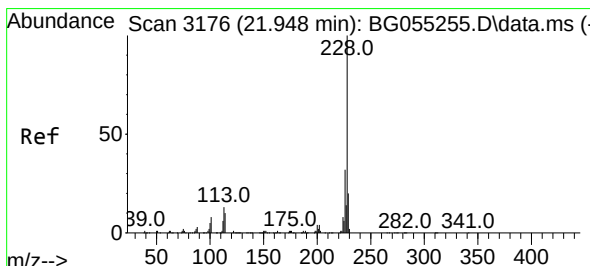
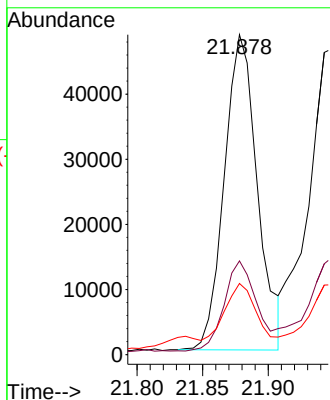
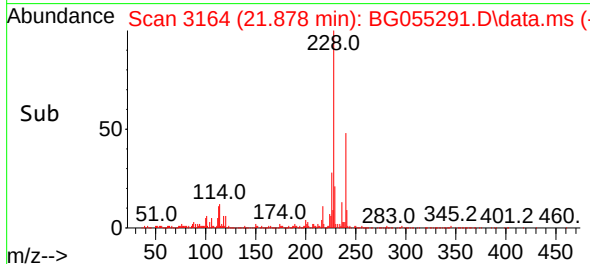
Instrument :
BNA_G
ClientSampleId :
HOLLAND-RD-COMP-3



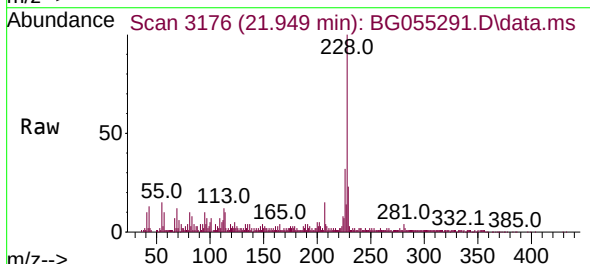
Tgt Ion:228 Resp: 84872
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 22.2 16.7 25.1

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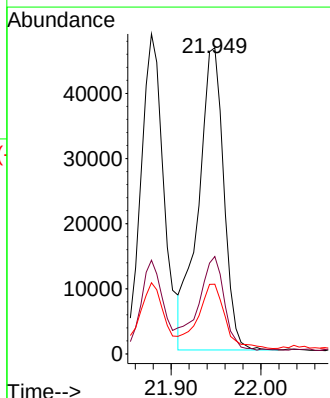
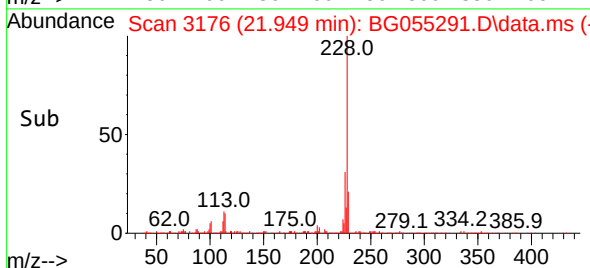
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

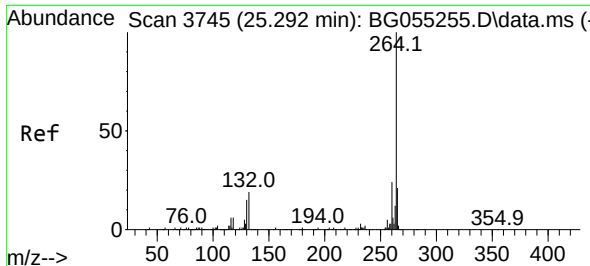


#83
Chrysene
Concen: 5.668 ng
RT: 21.949 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



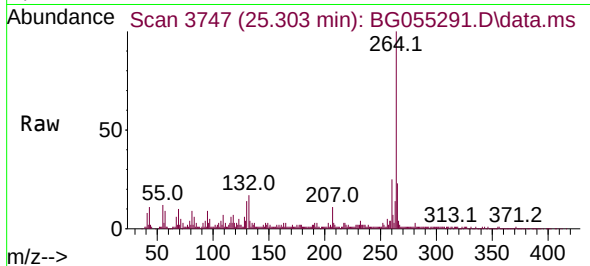
Tgt Ion:228 Resp: 91775
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 22.8 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

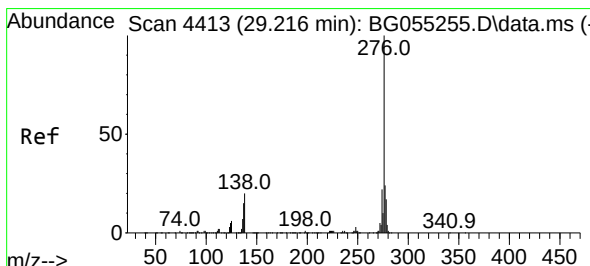
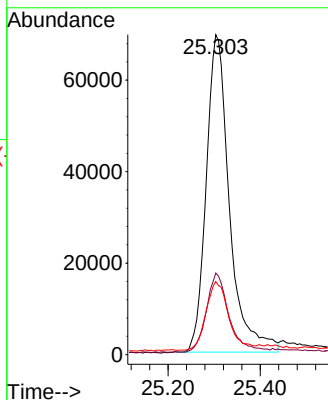
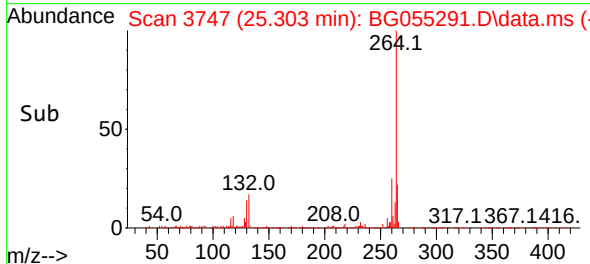
Instrument :
BNA_G
ClientSampleId :
HOLLAND-RD-COMP-3



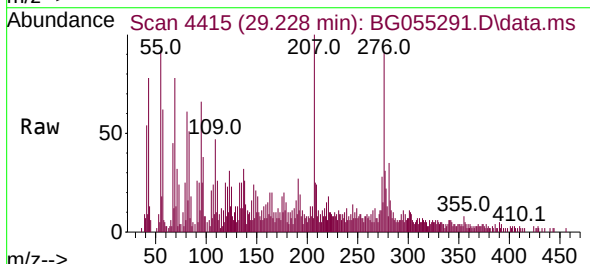
Tgt Ion:264 Resp: 242698
Ion Ratio Lower Upper
264 100
260 25.5 19.5 29.3
265 22.8 17.4 26.2

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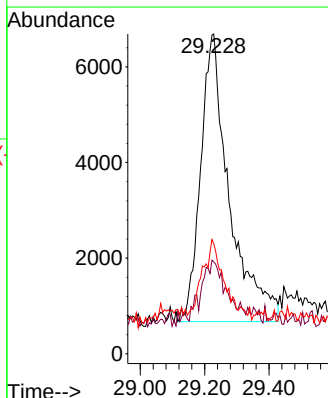
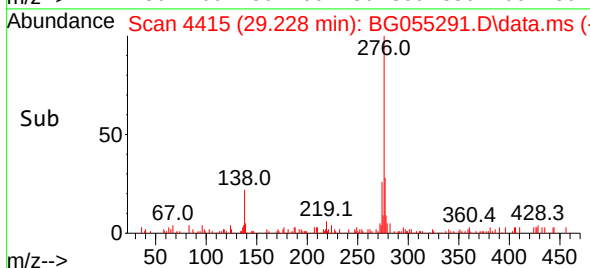
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

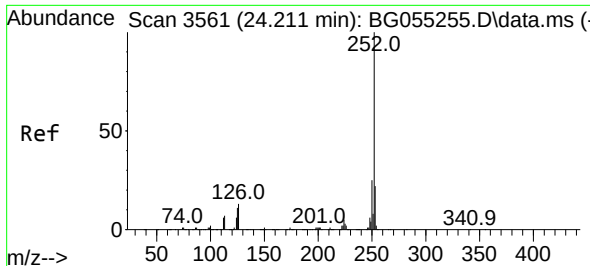


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.078 ng
RT: 29.228 min Scan# 4415
Delta R.T. 0.012 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



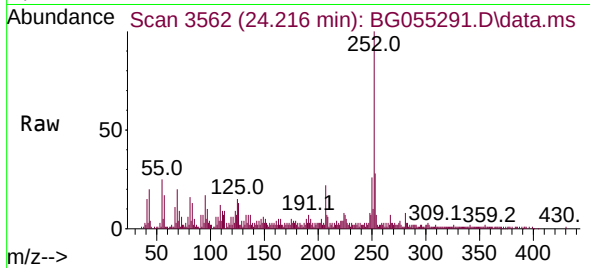
Tgt Ion:276 Resp: 37247
Ion Ratio Lower Upper
276 100
138 12.3 13.9 20.9#
277 16.3 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 7.803 ng
RT: 24.216 min Scan# 3561
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

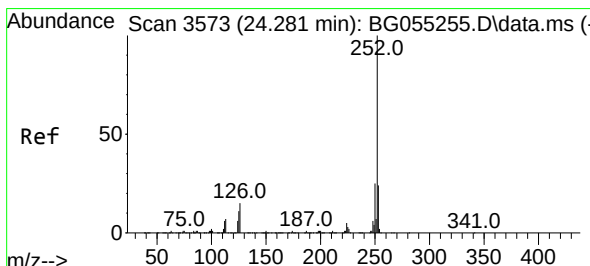
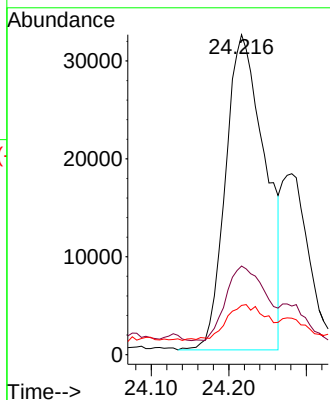
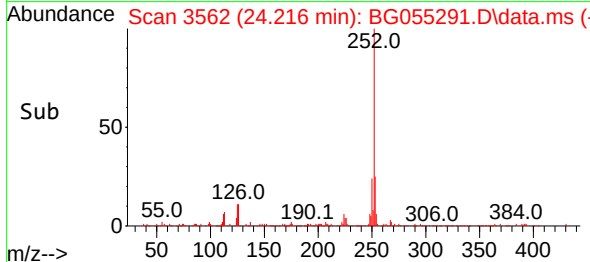
Instrument :
BNA_G
ClientSampleId :
HOLLAND-RD-COMP-3



Tgt Ion:252 Resp: 113908
Ion Ratio Lower Upper
252 100
253 27.7 17.6 26.4
125 15.4 9.0 13.4

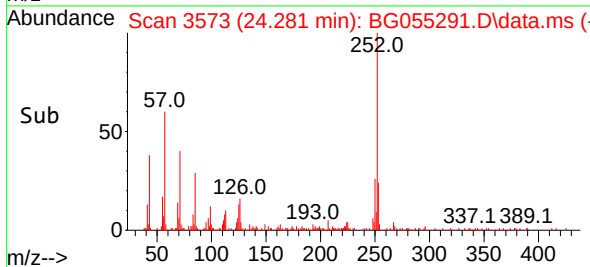
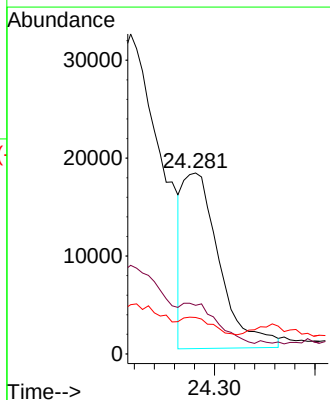
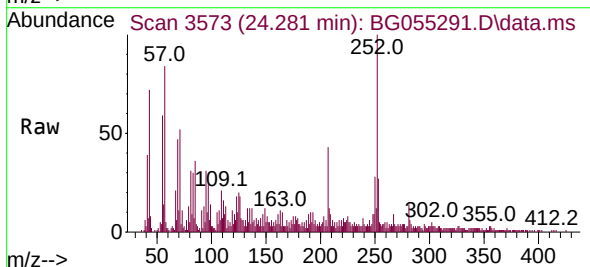
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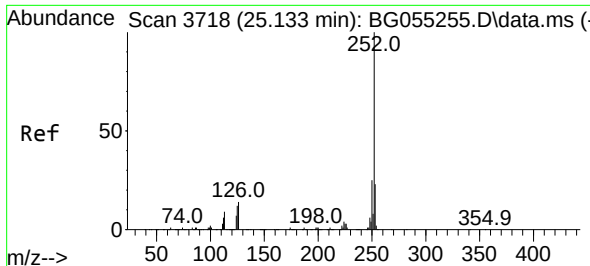
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#89
Benzo(k)fluoranthene
Concen: 3.092 ng m
RT: 24.281 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

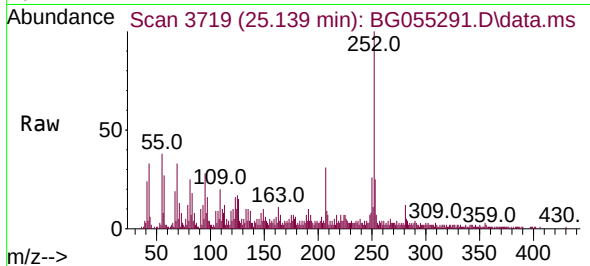
Tgt Ion:252 Resp: 45585
Ion Ratio Lower Upper
252 100
253 26.8 18.6 27.8
125 20.1 9.1 13.7





#90
Benzo(a)pyrene
Concen: 5.629 ng
RT: 25.139 min Scan# 3718
Delta R.T. 0.006 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38

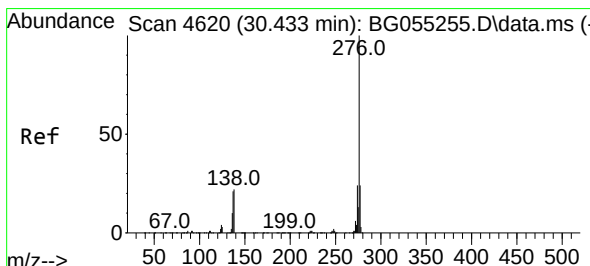
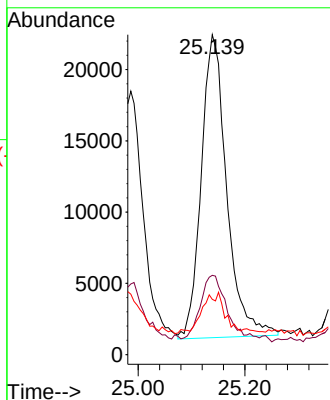
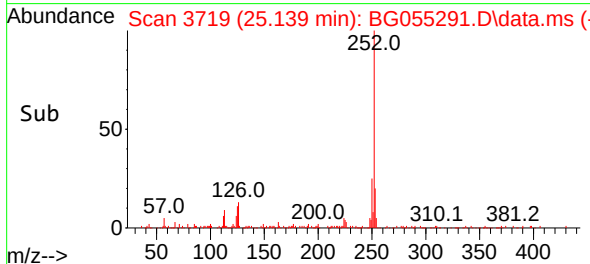
Instrument :
BNA_G
ClientSampleId :
HOLLAND-RD-COMP-3



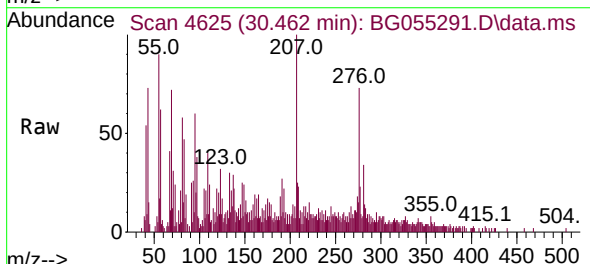
Tgt Ion:252 Resp: 70474
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 17.3 9.8 14.8

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Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#92
Benzo(g,h,i)perylene
Concen: 2.237 ng
RT: 30.462 min Scan# 4625
Delta R.T. 0.029 min
Lab File: BG055291.D
Acq: 26 Oct 2022 1:38



Tgt Ion:276 Resp: 32633
Ion Ratio Lower Upper
276 100
277 32.4 19.1 28.7#
138 30.9 17.2 25.8#

