

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055831.D
 Acq On : 29 Nov 2022 16:42
 Operator : CG/JU
 Sample : N5796-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-15

Quant Time: Nov 30 02:05:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

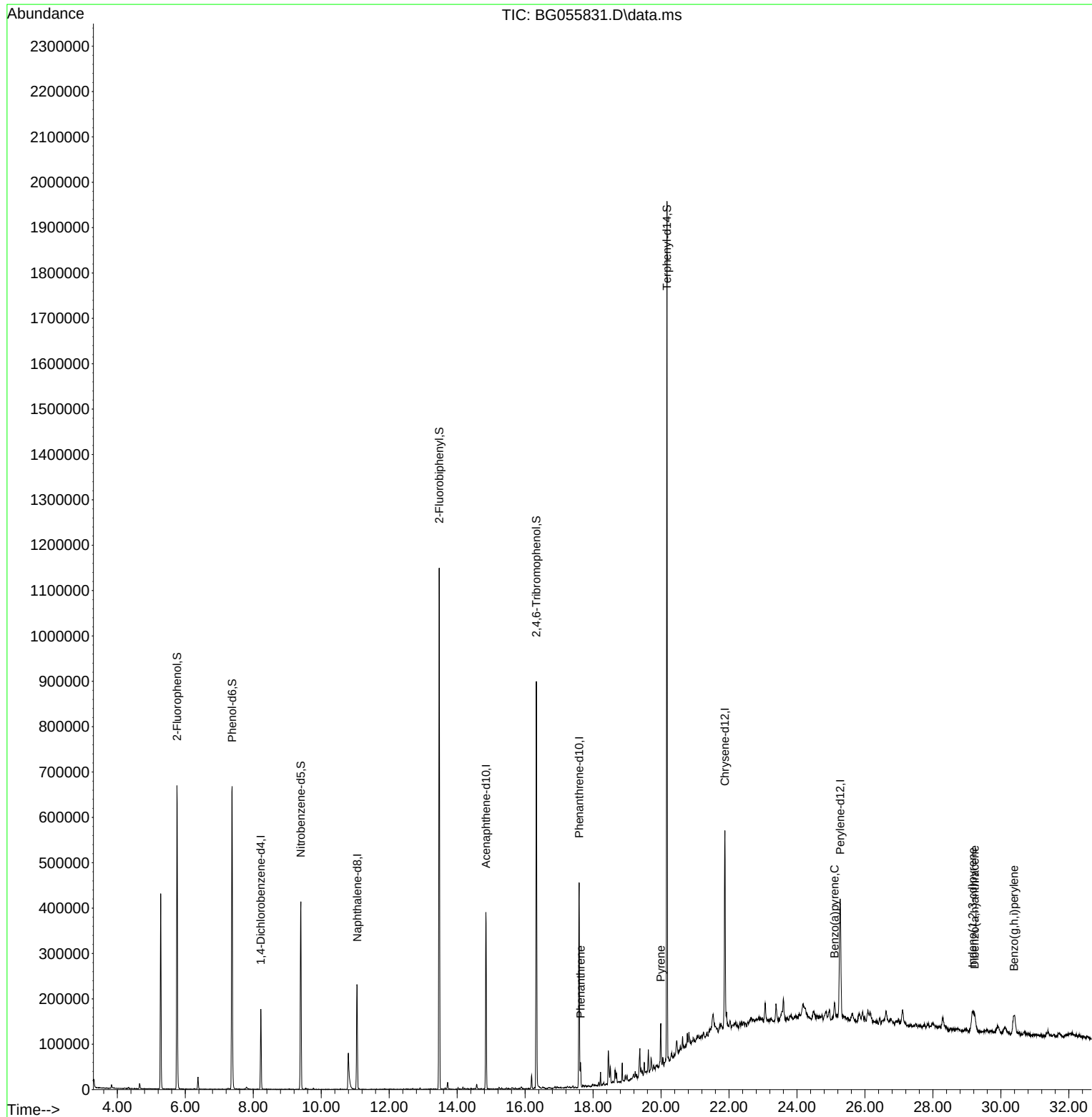
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	49109	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	204804	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	140459	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	303606	20.000	ng	0.00
76) Chrysene-d12	21.877	240	281639	20.000	ng	0.00
86) Perylene-d12	25.268	264	300120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	295704	108.838	ng	0.00
7) Phenol-d6	7.377	99	384795	106.395	ng	0.00
23) Nitrobenzene-d5	9.398	82	246762	63.683	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	189318	95.719	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	605086	64.538	ng	0.00
79) Terphenyl-d14	20.174	244	933843	66.319	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.629	178	34083	2.080	ng	98
78) Pyrene	19.986	202	52510	2.754	ng	97
87) Indeno(1,2,3-cd)pyrene	29.163	276	97098	3.949	ng	# 94
90) Benzo(a)pyrene	25.103	252	34422	2.052	ng	# 91
91) Dibenzo(a,h)anthracene	29.228	278	61810	3.076	ng	99
92) Benzo(g,h,i)perylene	30.385	276	103945	5.133	ng	99

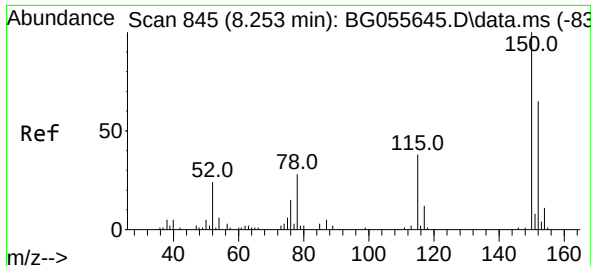
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

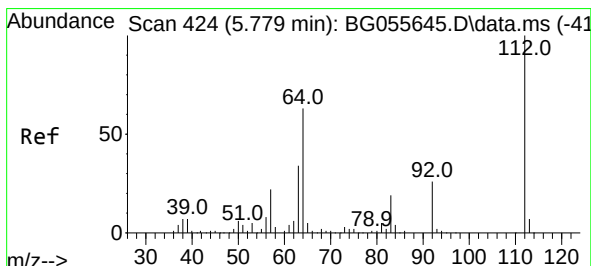
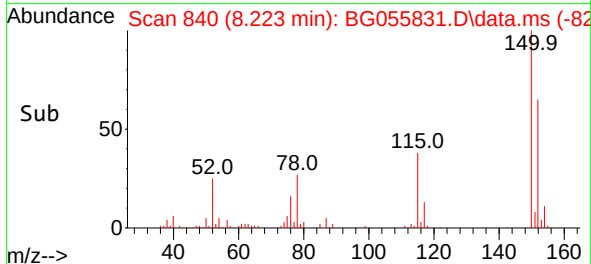
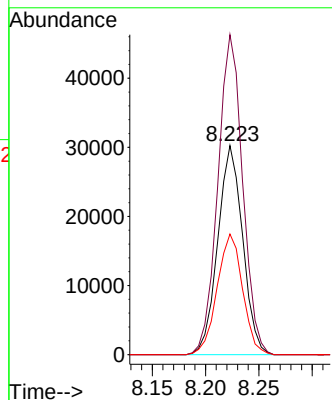
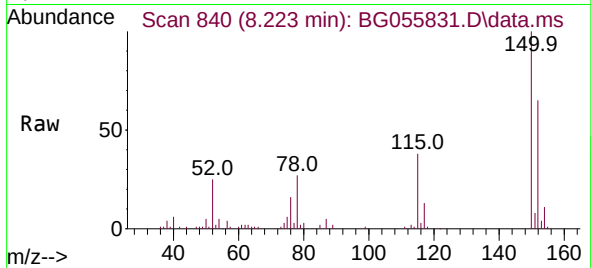




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

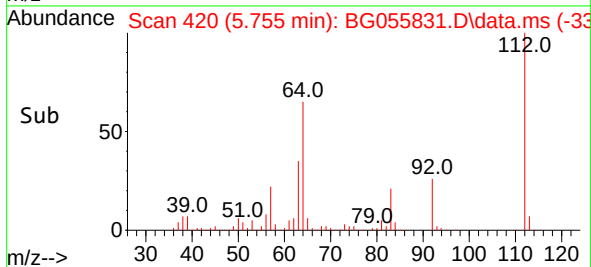
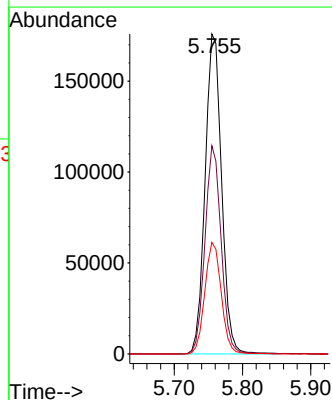
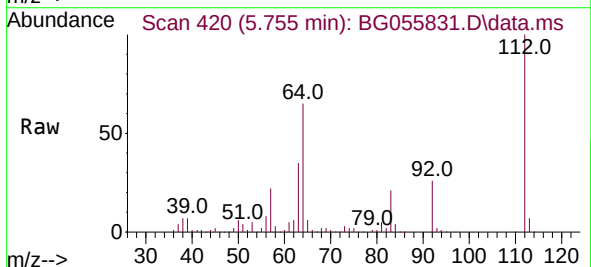
Instrument :
BNA_G
ClientSampleId :
MH-15

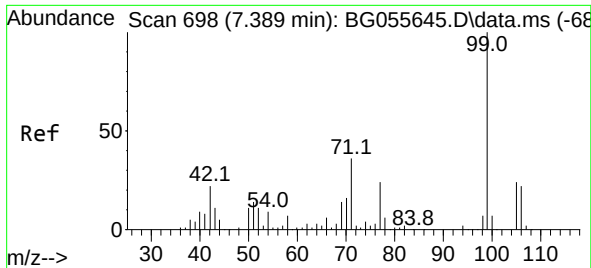
Tgt Ion:152 Resp: 49109
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 108.838 ng
RT: 5.755 min Scan# 420
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

Tgt Ion:112 Resp: 295704
Ion Ratio Lower Upper
112 100
64 65.0 50.6 76.0
63 34.8 27.5 41.3

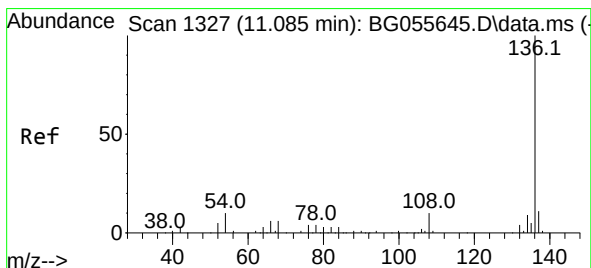
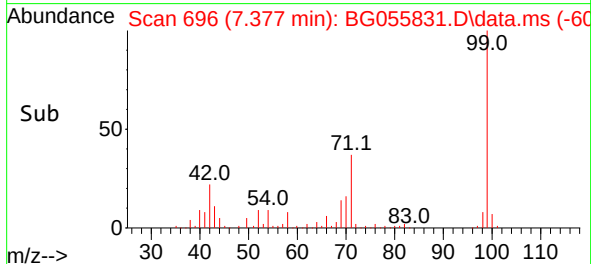
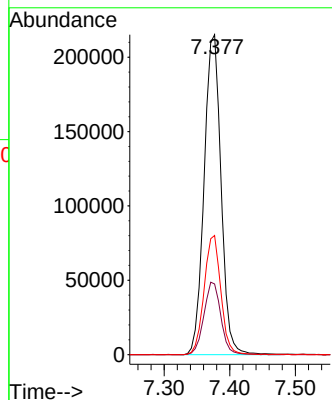
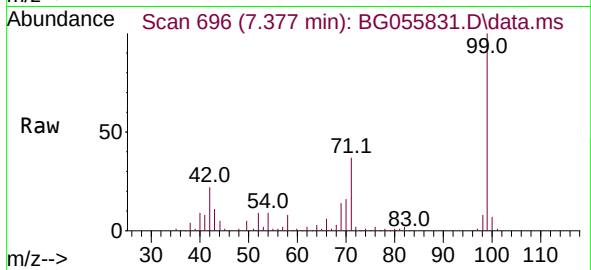




#7
Phenol-d6
Concen: 106.395 ng
RT: 7.377 min Scan# 69
Delta R.T. 0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

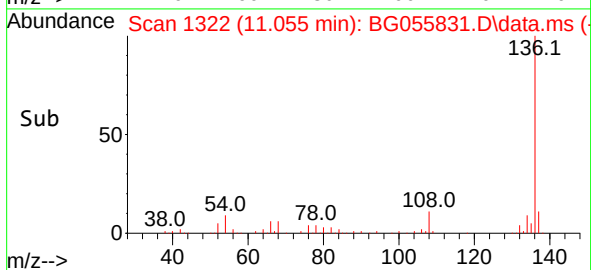
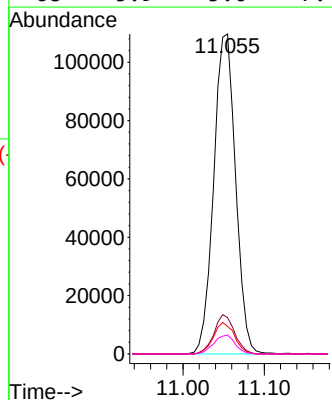
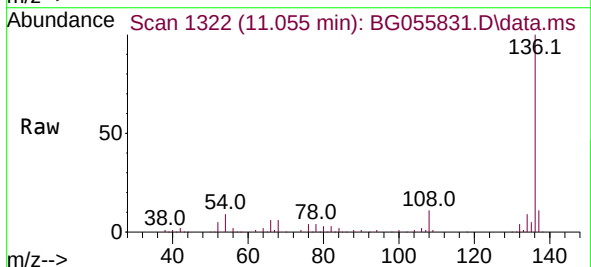
Instrument :
BNA_G
ClientSampleId :
MH-15

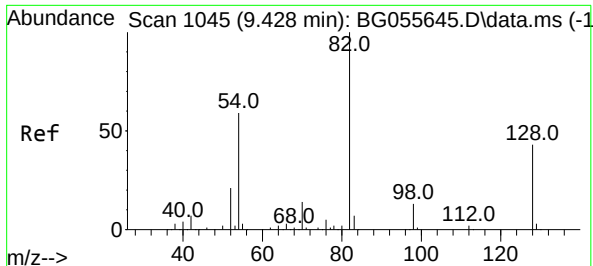
Tgt Ion: 99 Resp: 384795
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 37.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

Tgt Ion:136 Resp: 204804
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.6 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 63.683 ng

RT: 9.398 min Scan# 1040

Delta R.T. -0.003 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

MH-15

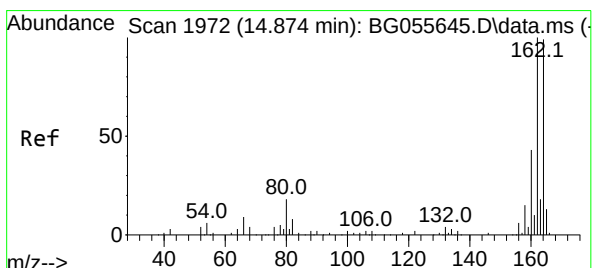
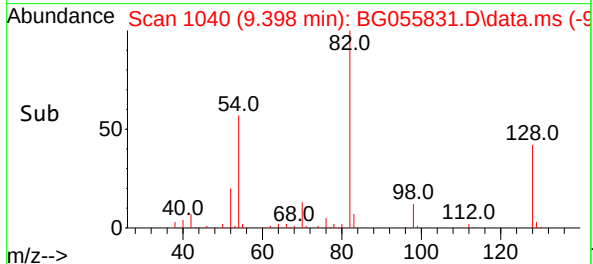
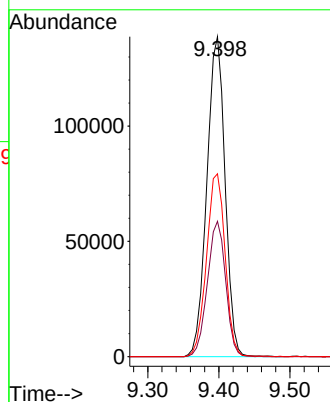
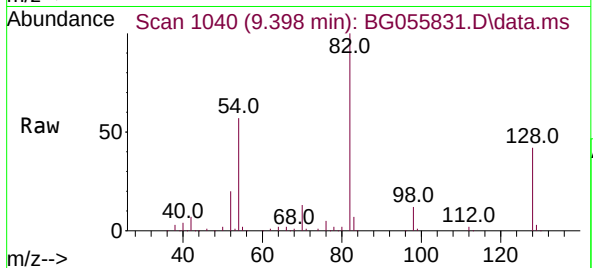
Tgt Ion: 82 Resp: 246762

Ion Ratio Lower Upper

82 100

128 42.3 34.1 51.1

54 57.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 1967

Delta R.T. -0.009 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

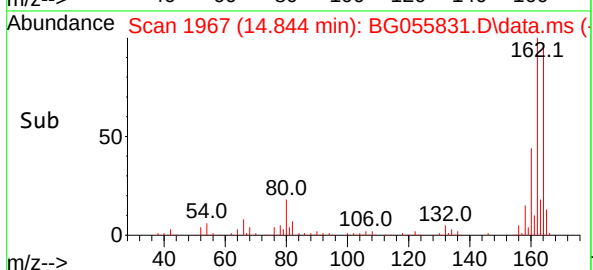
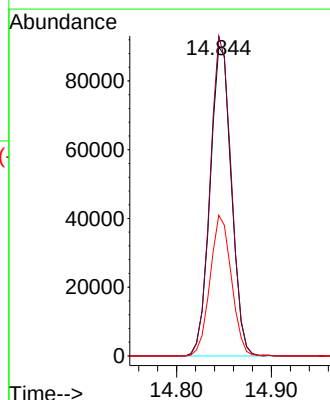
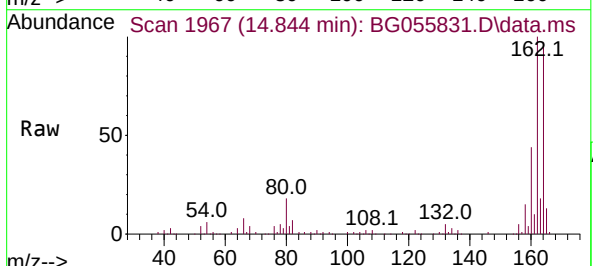
Tgt Ion:164 Resp: 140459

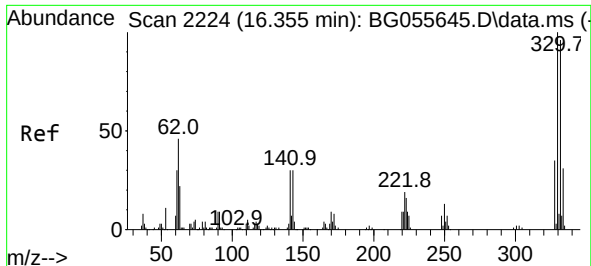
Ion Ratio Lower Upper

164 100

162 103.5 81.1 121.7

160 45.5 34.8 52.2

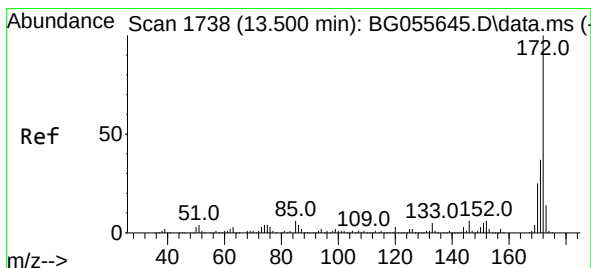
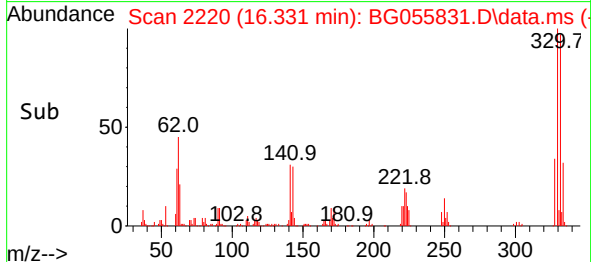
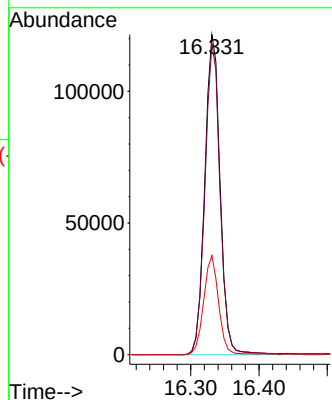
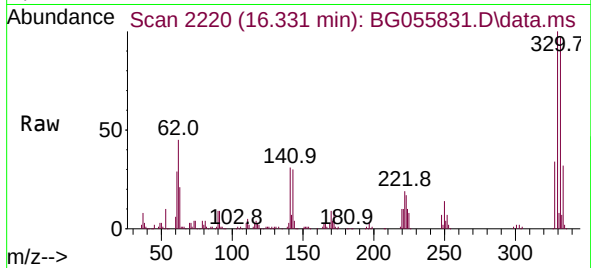




#42
2,4,6-Tribromophenol
Concen: 95.719 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

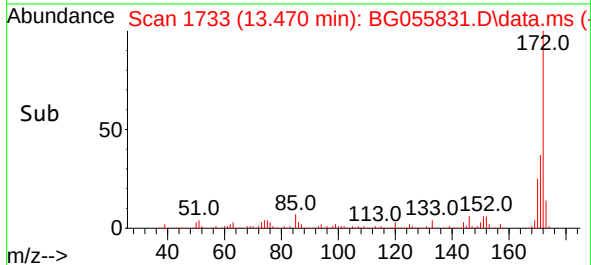
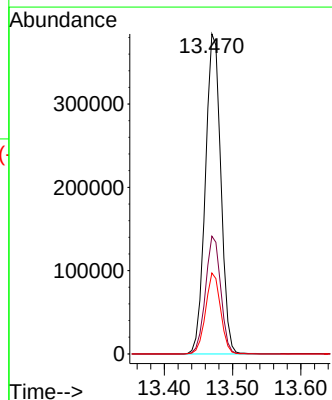
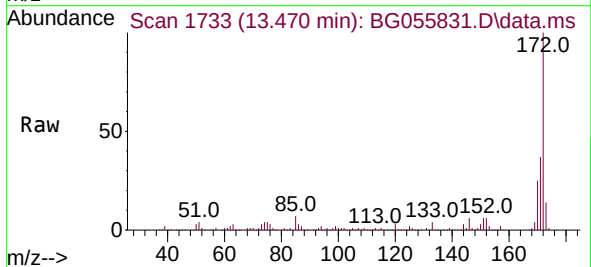
Instrument :
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MH-15

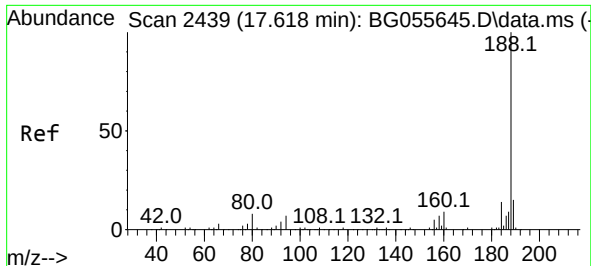
Tgt Ion:330 Resp: 189318
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 64.538 ng
RT: 13.470 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

Tgt Ion:172 Resp: 605086
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.3 20.2 30.4

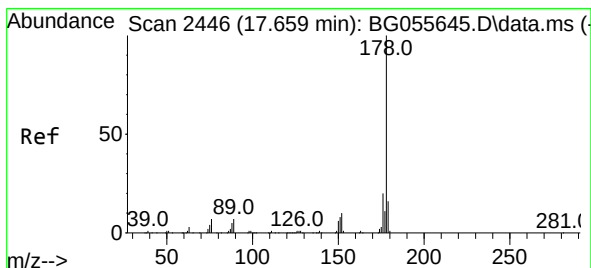
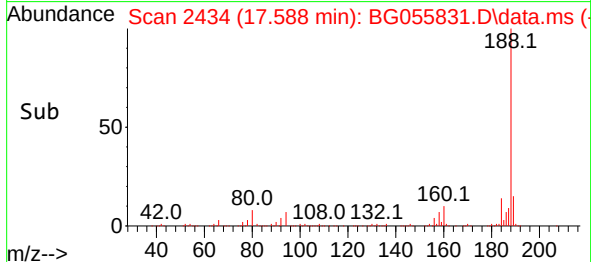
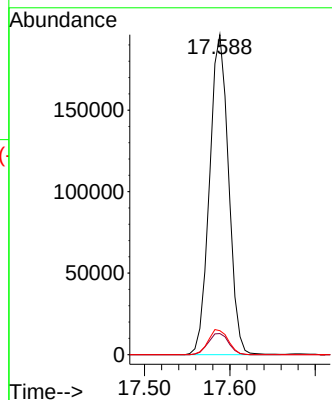
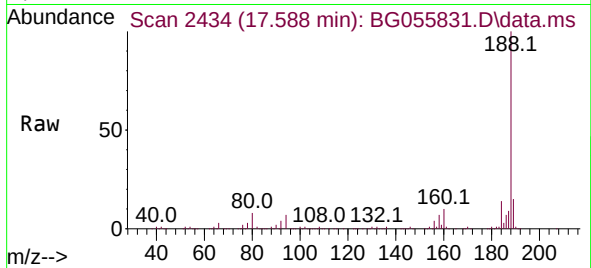




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.588 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

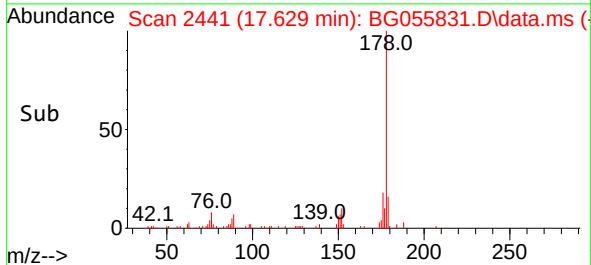
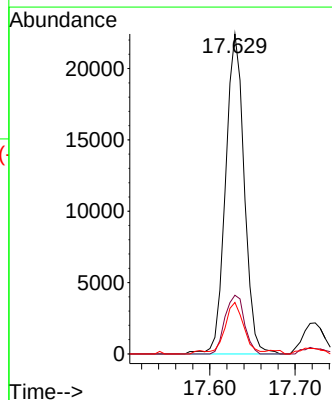
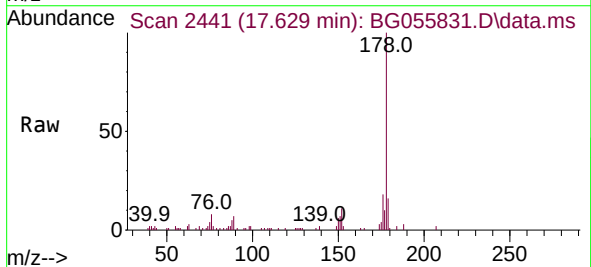
Instrument :
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ClientSampleId :
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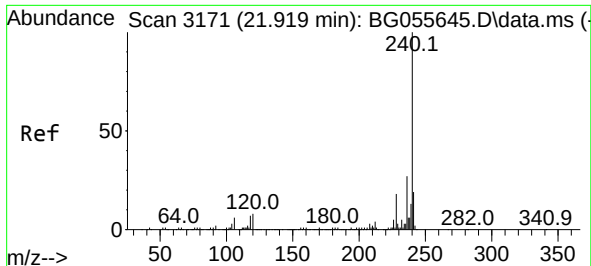
Tgt Ion:188 Resp: 303606
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.5 6.6 10.0



#71
Phenanthrene
Concen: 2.080 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

Tgt Ion:178 Resp: 34083
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 16.1 12.7 19.1

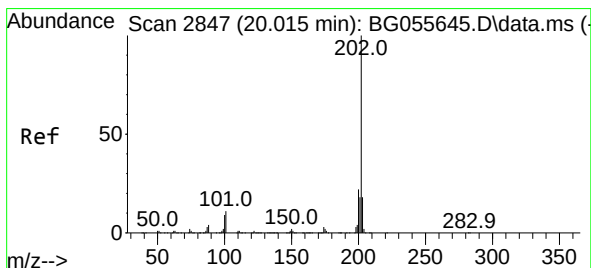
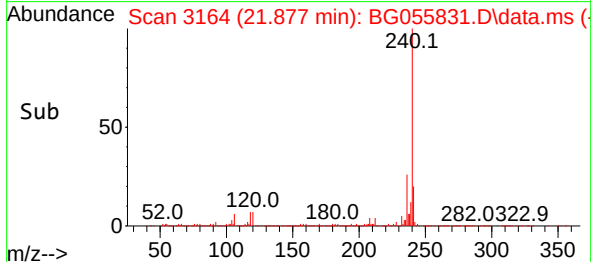
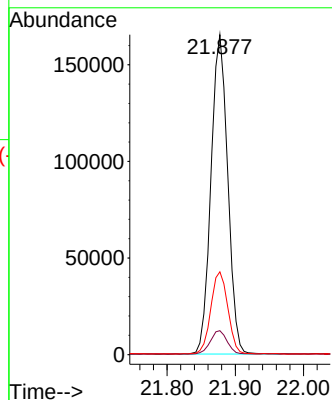
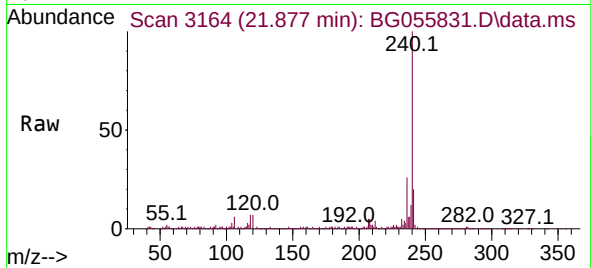




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.877 min Scan# 3171
Delta R.T. -0.003 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

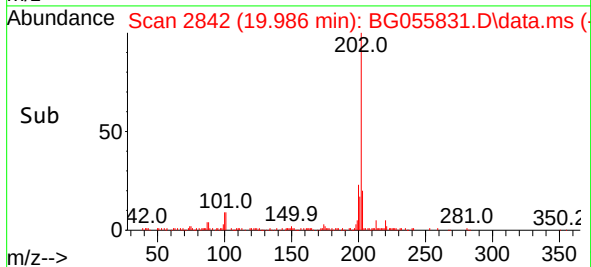
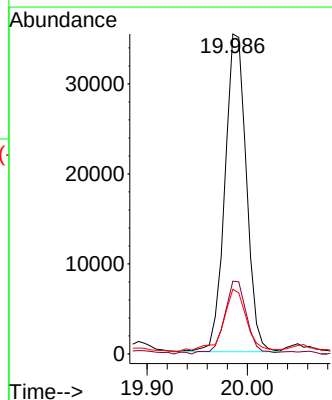
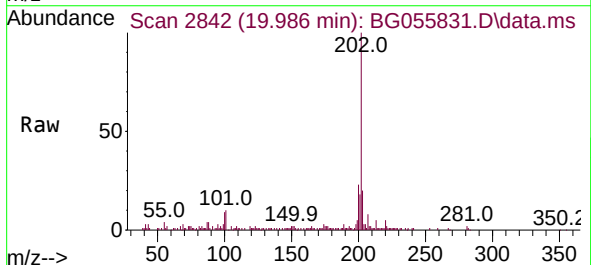
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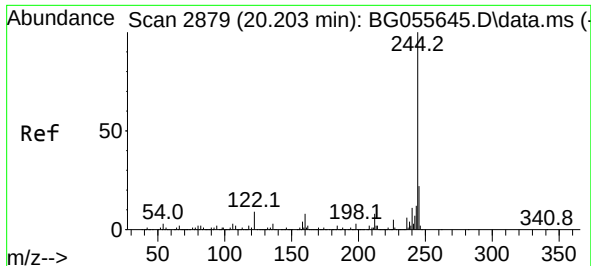
Tgt Ion:240 Resp: 281639
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 25.9 21.9 32.9



#78
Pyrene
Concen: 2.754 ng
RT: 19.986 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG055831.D
Acq: 29 Nov 2022 16:42

Tgt Ion:202 Resp: 52510
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 20.2 14.4 21.6

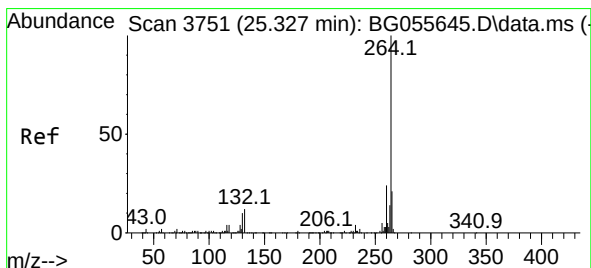
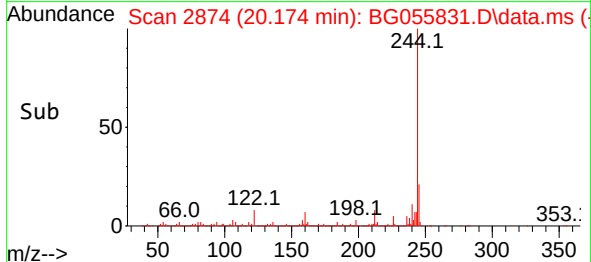
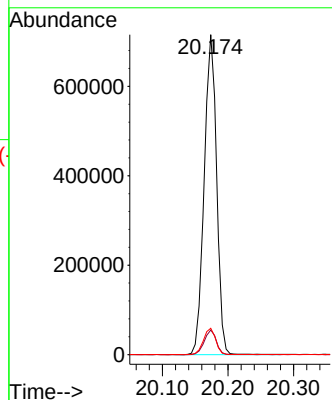
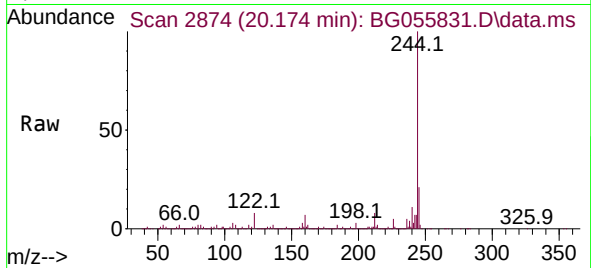




#79
 Terphenyl-d14
 Concen: 66.319 ng
 RT: 20.174 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055831.D
 Acq: 29 Nov 2022 16:42

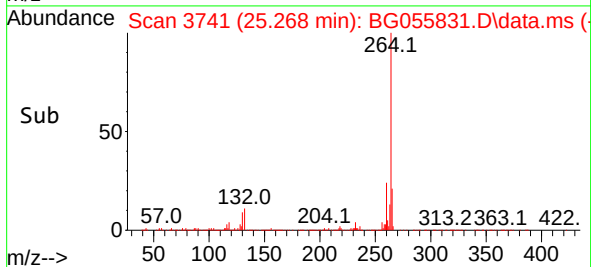
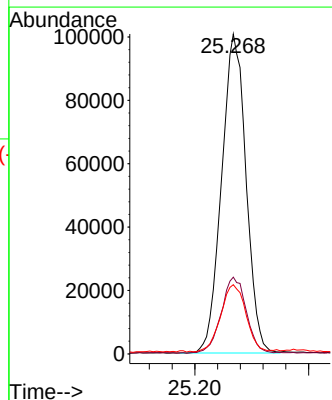
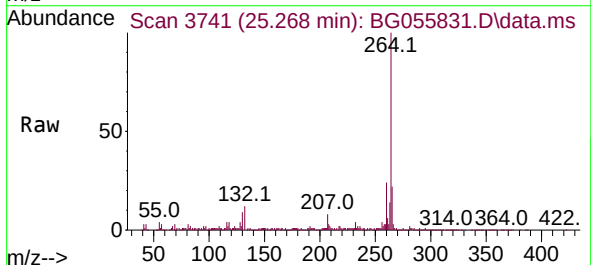
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 MH-15

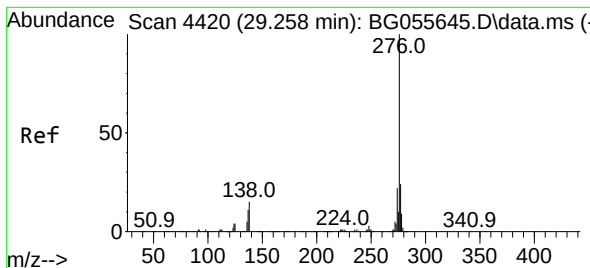
Tgt Ion:244 Resp: 933843
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3741
 Delta R.T. -0.003 min
 Lab File: BG055831.D
 Acq: 29 Nov 2022 16:42

Tgt Ion:264 Resp: 300120
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.949 ng

RT: 29.163 min Scan# 44

Delta R.T. -0.026 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

MH-15

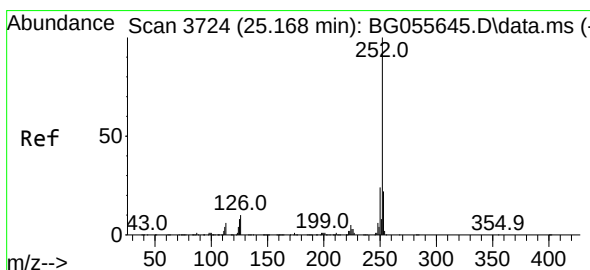
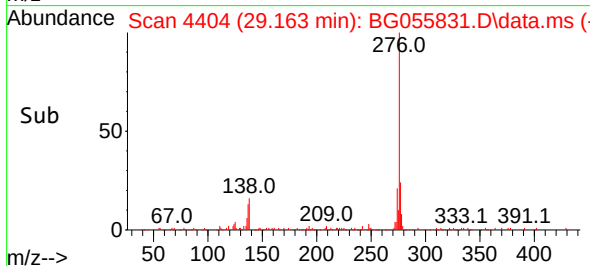
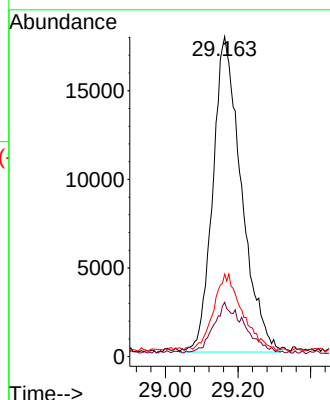
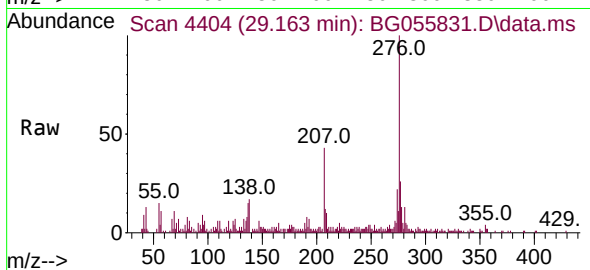
Tgt Ion:276 Resp: 97098

Ion Ratio Lower Upper

276 100

138 17.2 10.4 15.6#

277 23.7 20.2 30.4



#90

Benzo(a)pyrene

Concen: 2.052 ng

RT: 25.103 min Scan# 3713

Delta R.T. -0.015 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

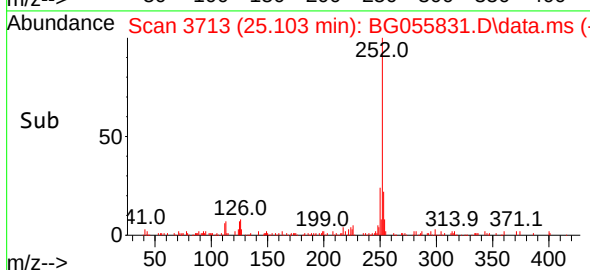
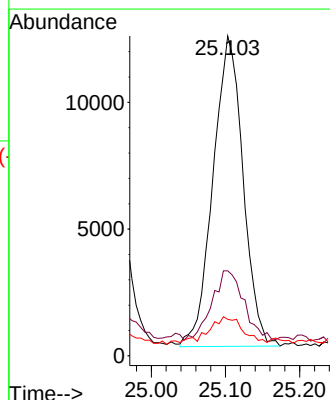
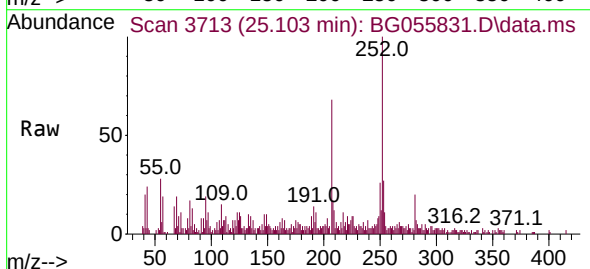
Tgt Ion:252 Resp: 34422

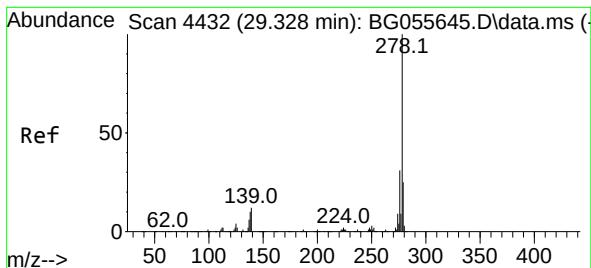
Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6

125 11.4 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 3.076 ng

RT: 29.228 min Scan# 4432

Delta R.T. -0.021 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

MH-15

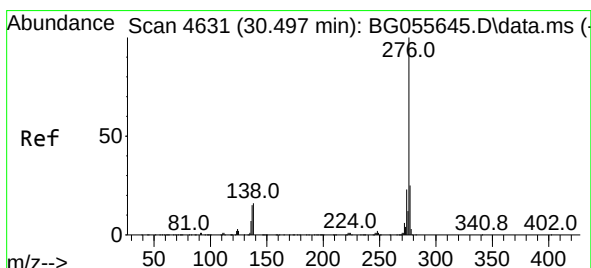
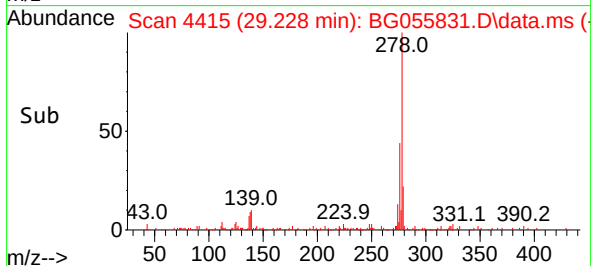
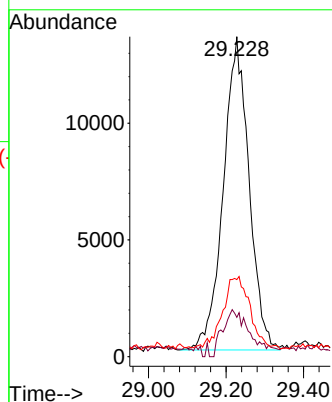
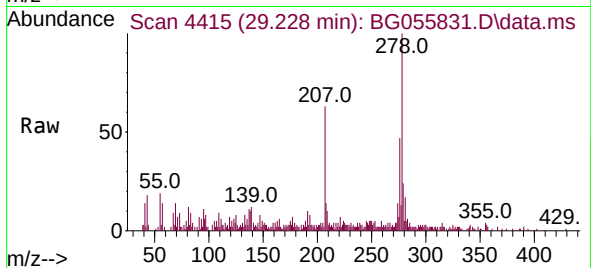
Tgt Ion:278 Resp: 61810

Ion Ratio Lower Upper

278 100

139 12.3 9.8 14.8

279 24.1 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 5.133 ng

RT: 30.385 min Scan# 4612

Delta R.T. -0.032 min

Lab File: BG055831.D

Acq: 29 Nov 2022 16:42

Tgt Ion:276 Resp: 103945

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.6

138 16.6 13.1 19.7

