

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055274.D
 Acq On : 25 Oct 2022 13:19
 Operator : CG/JU
 Sample : N5222-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Oct 25 13:58:31 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)

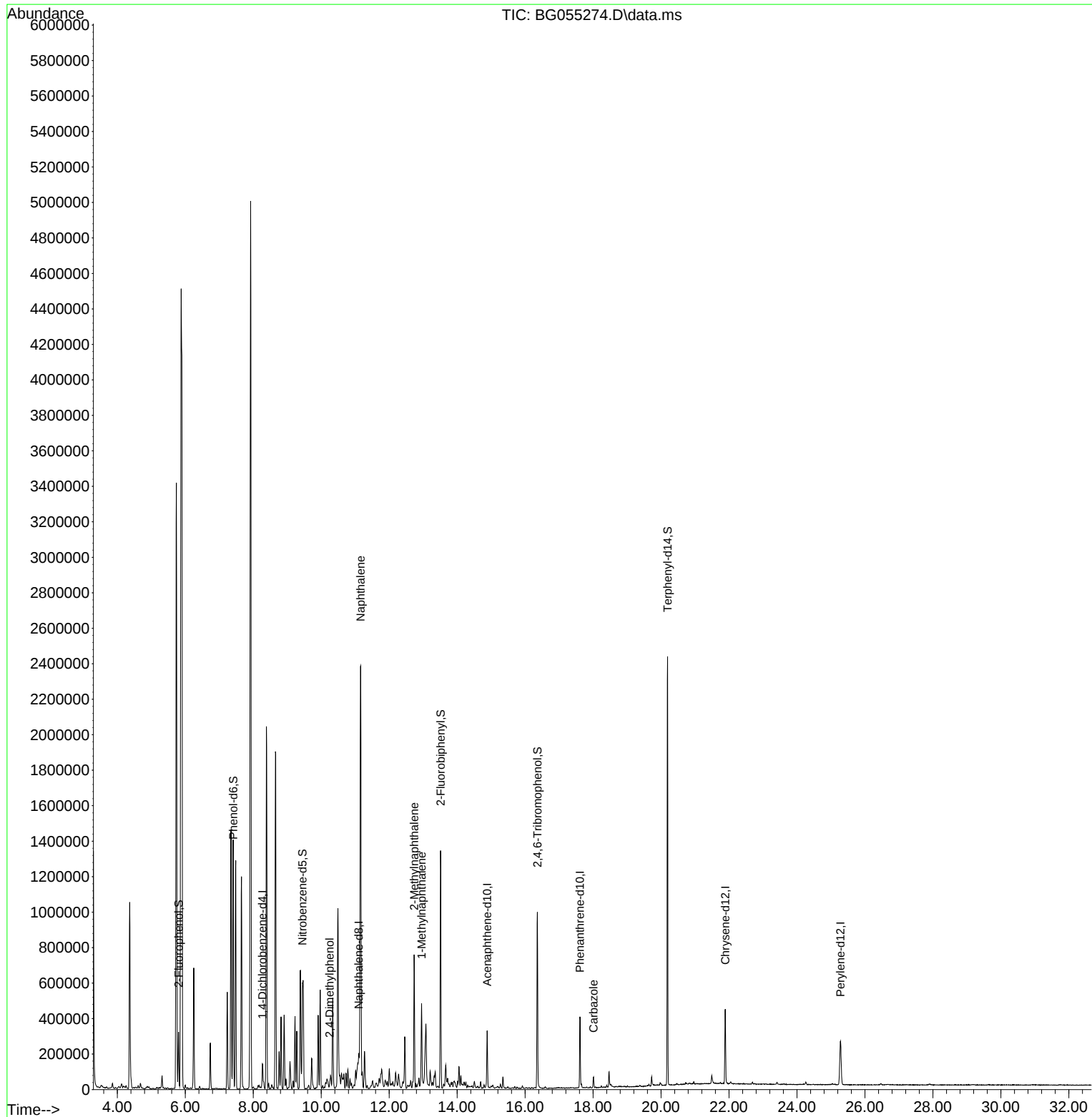
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	40178	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	165148	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	111582	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	245166	20.000	ng	0.00
76) Chrysene-d12	21.890	240	250476	20.000	ng	-0.01
86) Perylene-d12	25.280	264	261601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	141121	61.501	ng	0.01
7) Phenol-d6	7.413	99	106999	32.186	ng	0.00
23) Nitrobenzene-d5	9.446	82	321570	99.429	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	190846	157.335	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	673309	98.765	ng	0.00
79) Terphenyl-d14	20.192	244	1111562	92.204	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.251	122	15547	6.753	ng	95
31) Naphthalene	11.161	128	2019316	229.205	ng	96
37) 2-Methylnaphthalene	12.736	142	334989	52.738	ng	99
38) 1-Methylnaphthalene	12.953	142	207496	33.112	ng	100
73) Carbazole	18.012	167	38037	3.094	ng	99

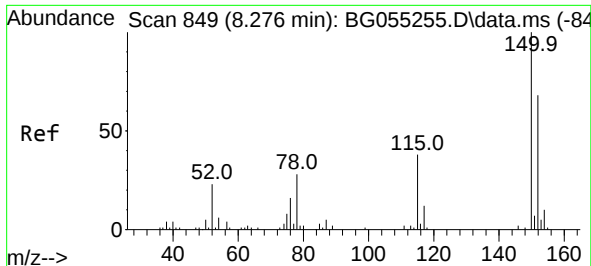
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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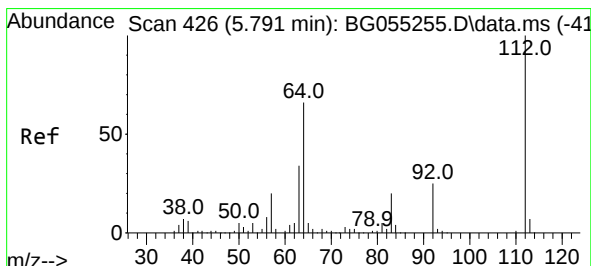
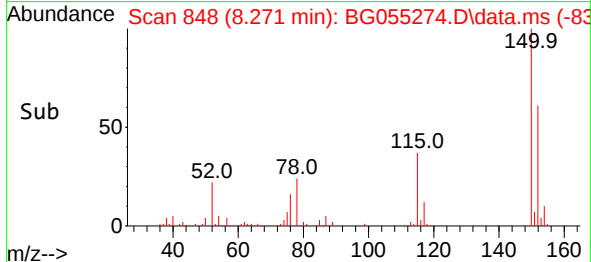
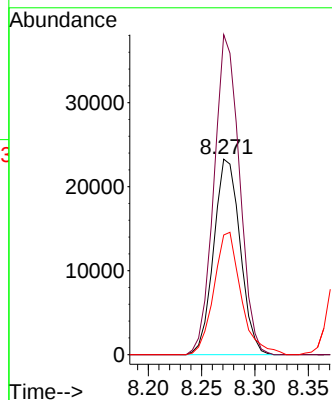
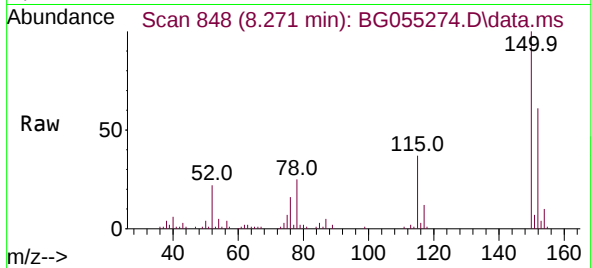




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

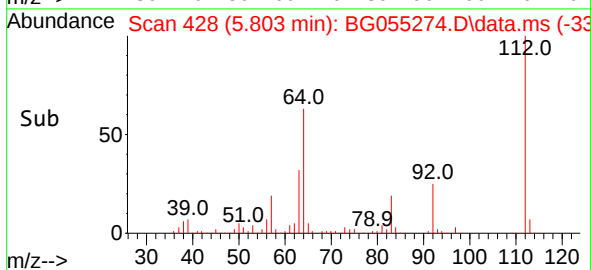
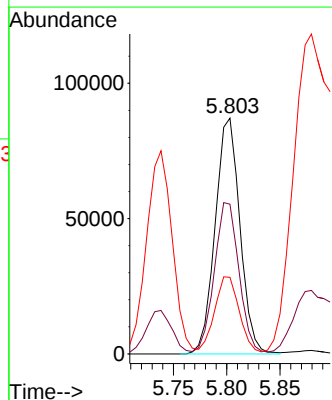
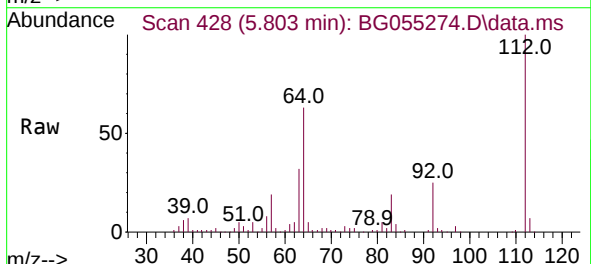
Instrument :
BNA_G
ClientSampleId :
MW-3

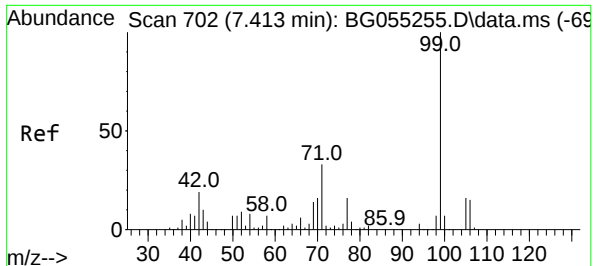
Tgt Ion:152 Resp: 40178
Ion Ratio Lower Upper
152 100
150 163.8 118.2 177.4
115 61.2 44.5 66.7



#5
2-Fluorophenol
Concen: 61.501 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:112 Resp: 141121
Ion Ratio Lower Upper
112 100
64 63.5 52.6 78.8
63 32.4 27.1 40.7

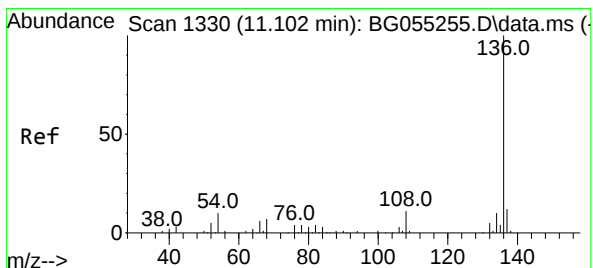
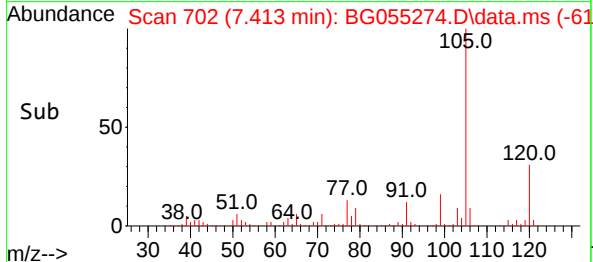
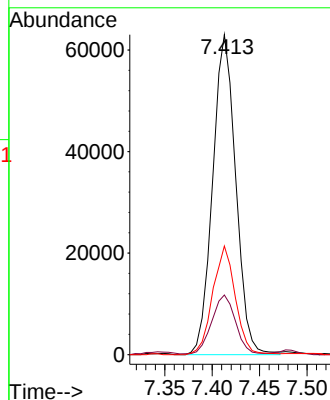
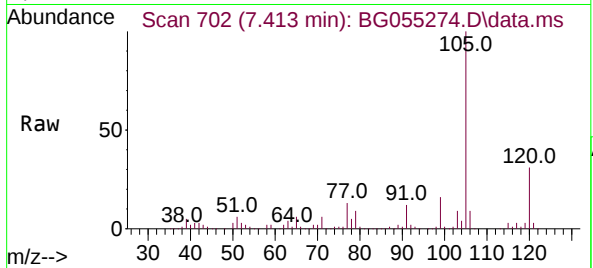




#7
Phenol-d6
Concen: 32.186 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

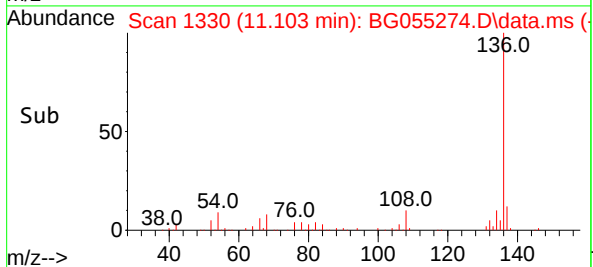
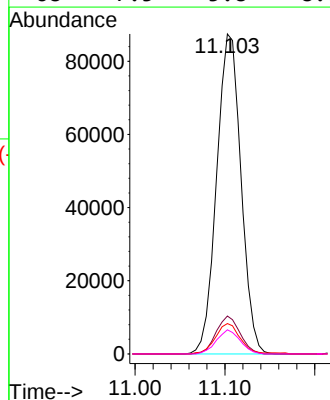
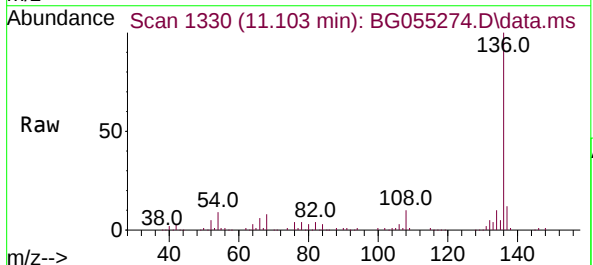
Instrument :
BNA_G
ClientSampleId :
MW-3

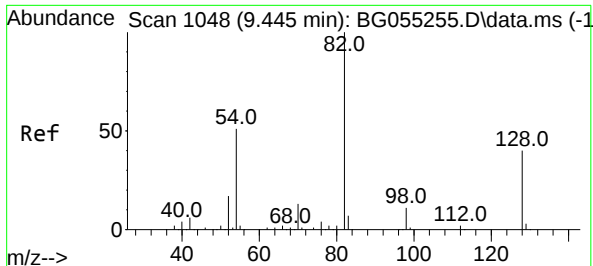
Tgt Ion: 99 Resp: 106999
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 33.9 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:136 Resp: 165148
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.5 7.8 11.8
68 7.5 5.8 8.6





#23

Nitrobenzene-d5

Concen: 99.429 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :

MW-3

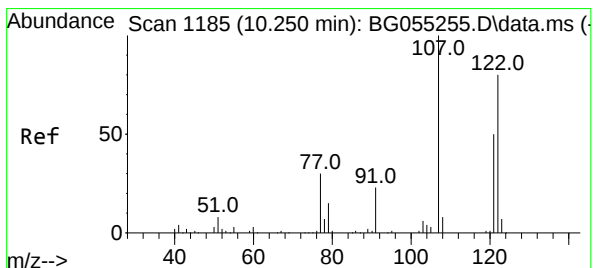
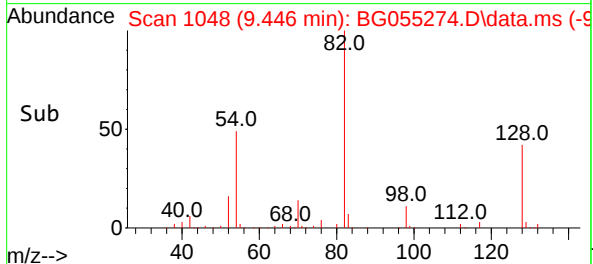
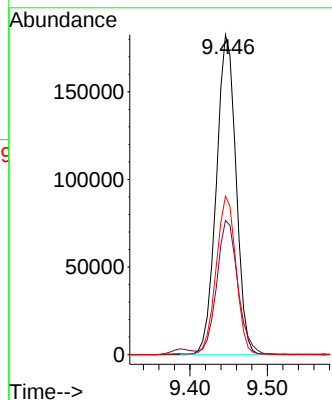
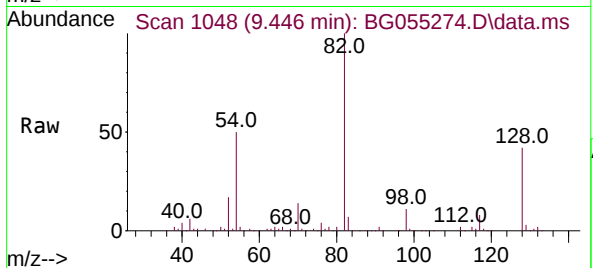
Tgt Ion: 82 Resp: 321570

Ion Ratio Lower Upper

82 100

128 41.9 32.0 48.0

54 49.5 40.9 61.3



#27

2,4-Dimethylphenol

Concen: 6.753 ng

RT: 10.251 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

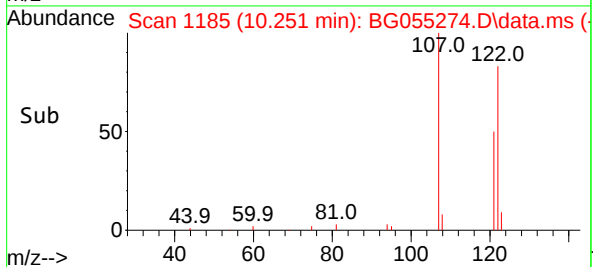
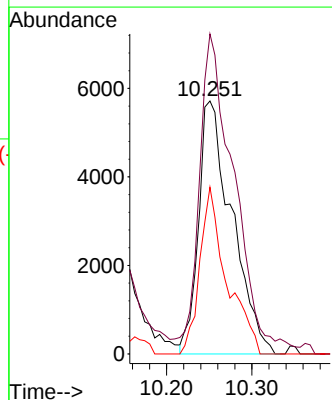
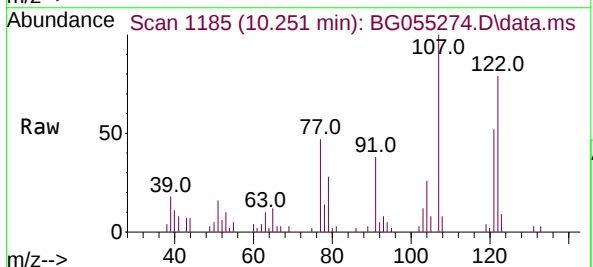
Tgt Ion: 122 Resp: 15547

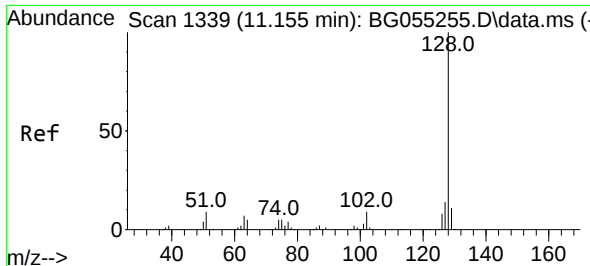
Ion Ratio Lower Upper

122 100

107 126.5 97.3 145.9

121 65.9 48.5 72.7

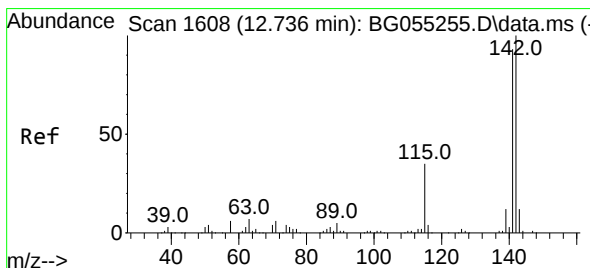
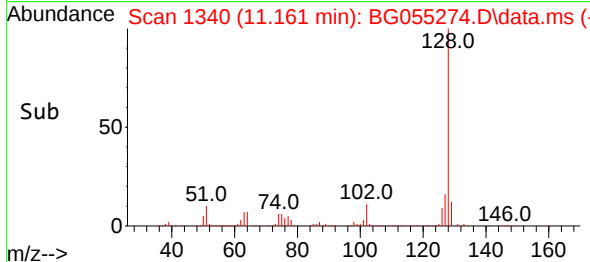
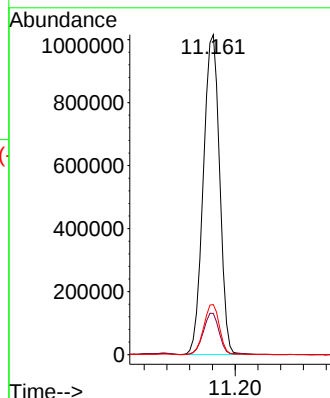
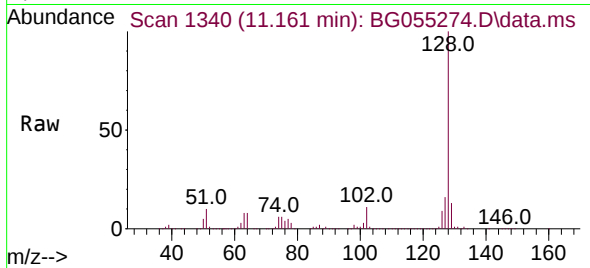




#31
Naphthalene
Concen: 229.205 ng
RT: 11.161 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

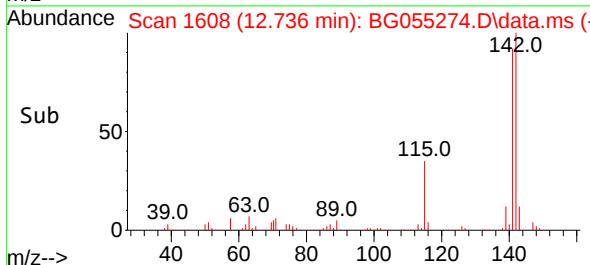
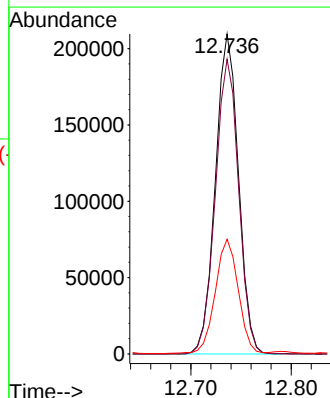
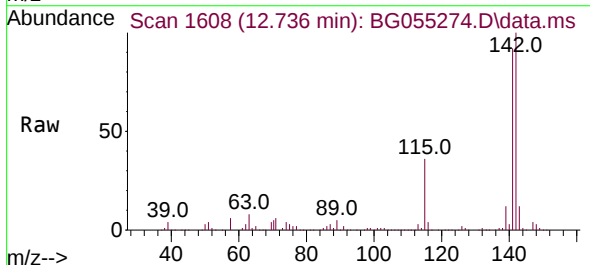
Instrument :
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MW-3

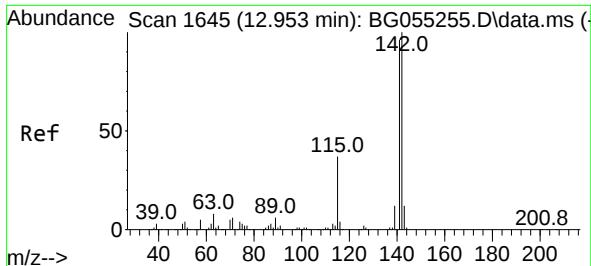
Tgt Ion:128 Resp: 2019316
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 15.6 11.1 16.7



#37
2-Methylnaphthalene
Concen: 52.738 ng
RT: 12.736 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:142 Resp: 334989
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0
115 35.8 28.3 42.5

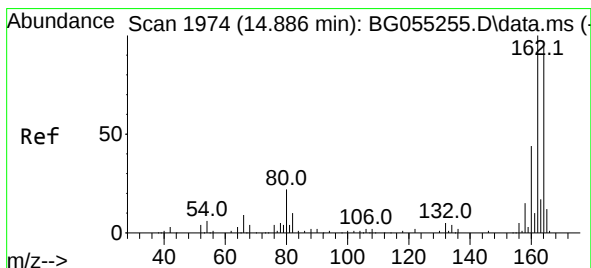
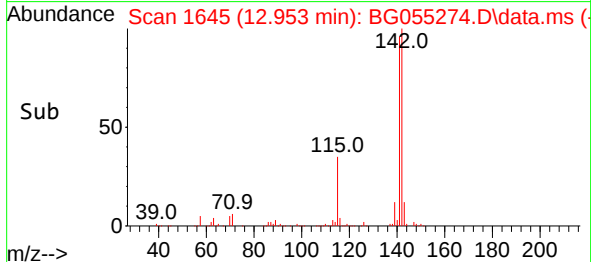
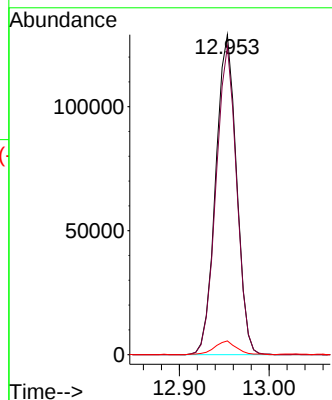
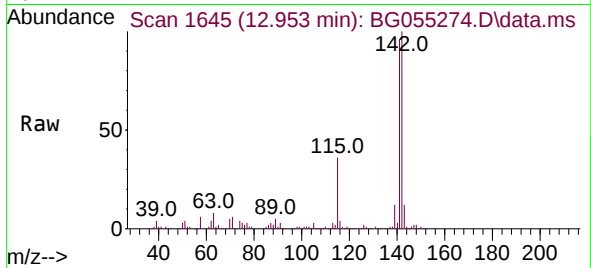




#38
1-Methylnaphthalene
Concen: 33.112 ng
RT: 12.953 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

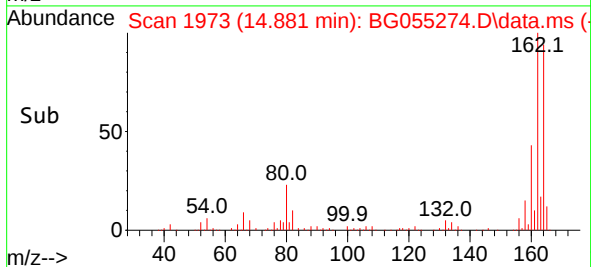
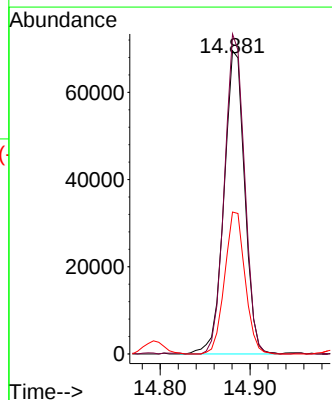
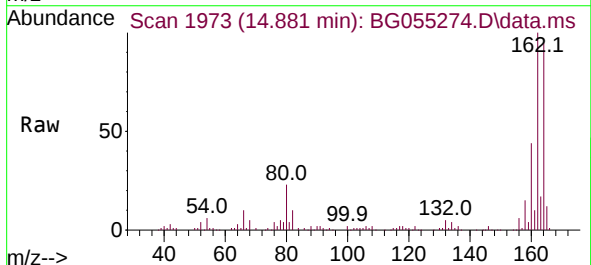
Instrument :
BNA_G
ClientSampleId :
MW-3

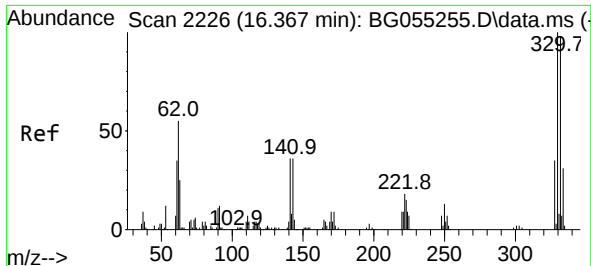
Tgt Ion:142 Resp: 207496
Ion Ratio Lower Upper
142 100
141 96.4 77.1 115.7
116 4.3 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:164 Resp: 111582
Ion Ratio Lower Upper
164 100
162 105.6 84.0 126.0
160 46.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 157.335 ng

RT: 16.361 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :

MW-3

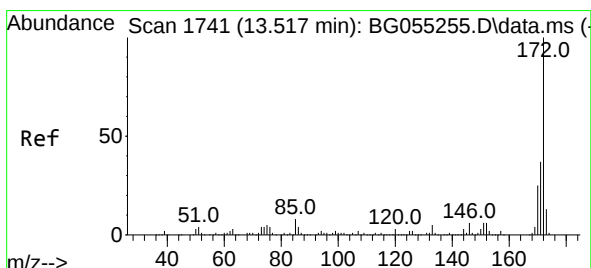
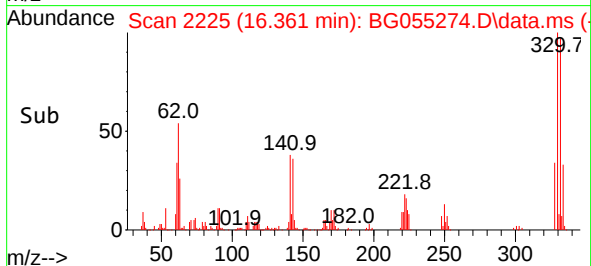
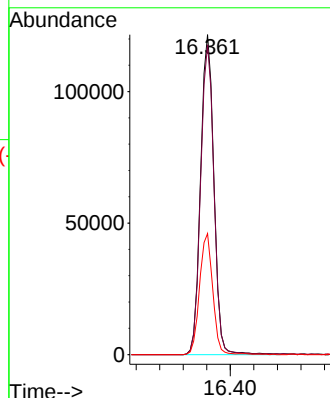
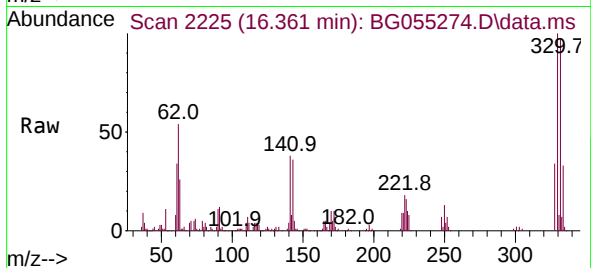
Tgt Ion:330 Resp: 190846

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 37.2 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 98.765 ng

RT: 13.512 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

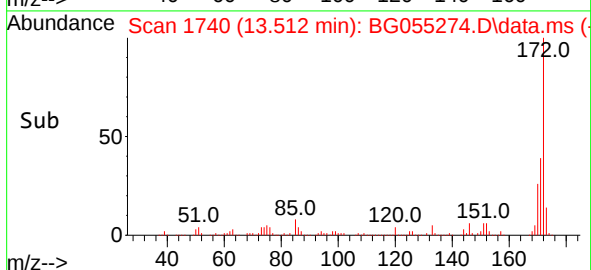
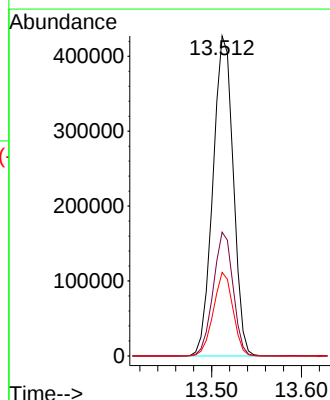
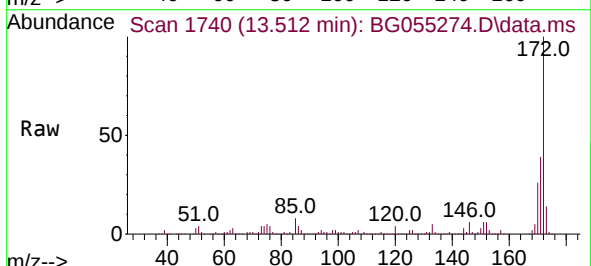
Tgt Ion:172 Resp: 673309

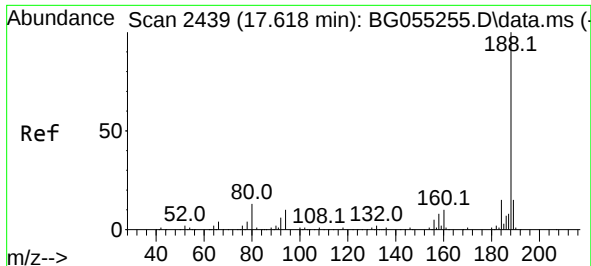
Ion Ratio Lower Upper

172 100

171 38.7 29.7 44.5

170 26.1 20.2 30.2

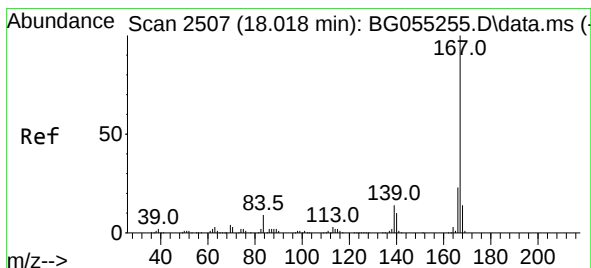
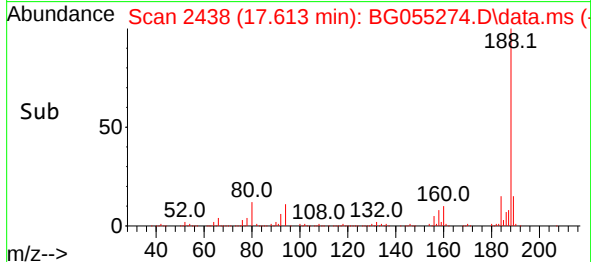
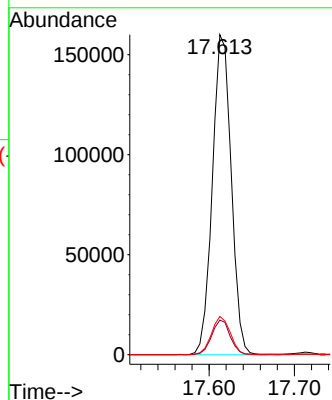
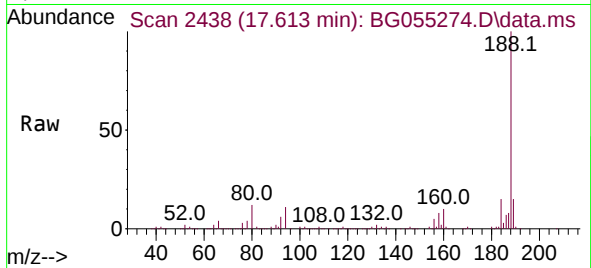




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

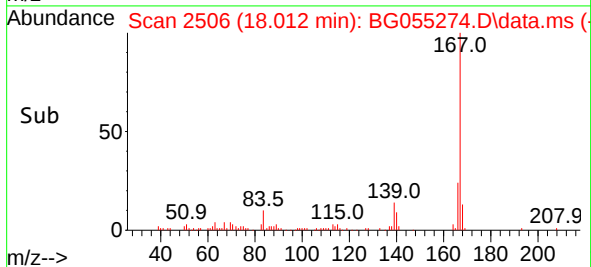
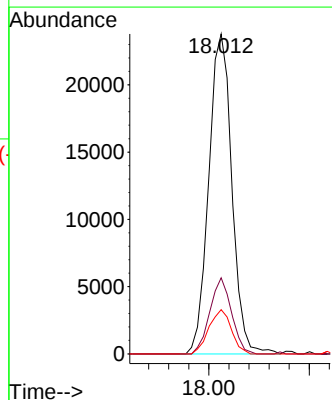
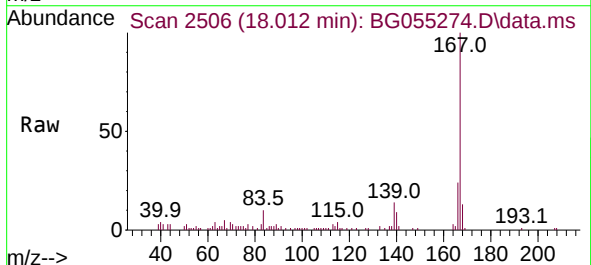
Instrument :
BNA_G
ClientSampleId :
MW-3

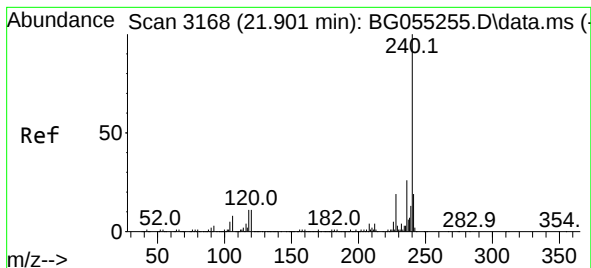
Tgt Ion:188 Resp: 245166
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.4
80 11.9 10.1 15.1



#73
Carbazole
Concen: 3.094 ng
RT: 18.012 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BG055274.D
Acq: 25 Oct 2022 13:19

Tgt Ion:167 Resp: 38037
Ion Ratio Lower Upper
167 100
166 23.8 18.6 27.8
139 13.8 10.9 16.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.890 min Scan# 3166

Delta R.T. -0.011 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

Instrument :

BNA_G

ClientSampleId :

MW-3

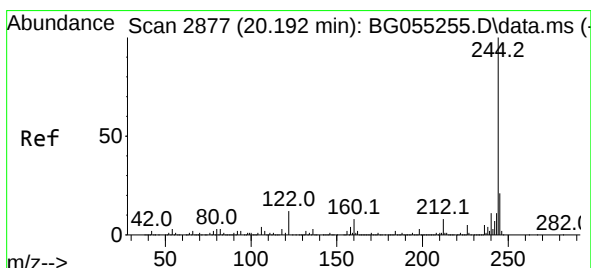
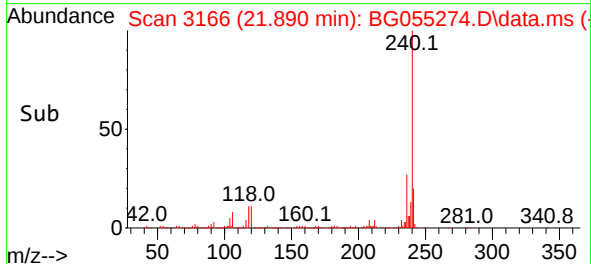
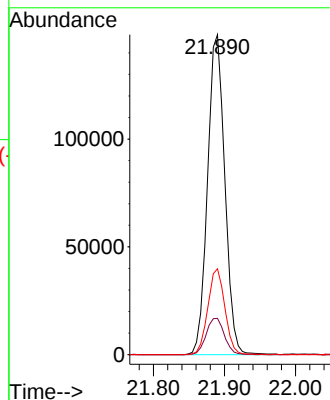
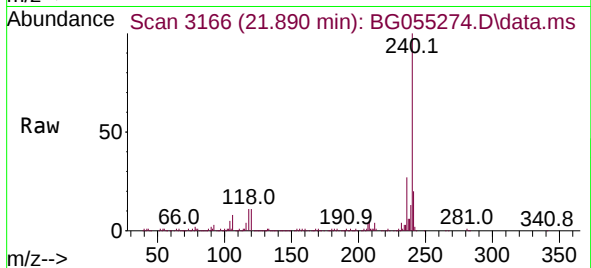
Tgt Ion:240 Resp: 250476

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.8 21.0 31.4



#79

Terphenyl-d14

Concen: 92.204 ng

RT: 20.192 min Scan# 2877

Delta R.T. 0.000 min

Lab File: BG055274.D

Acq: 25 Oct 2022 13:19

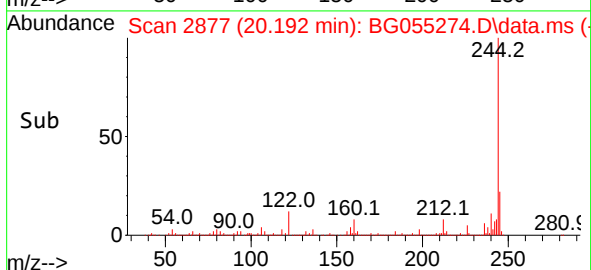
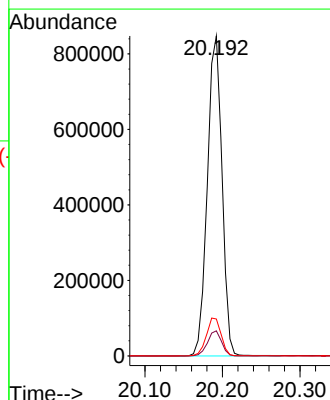
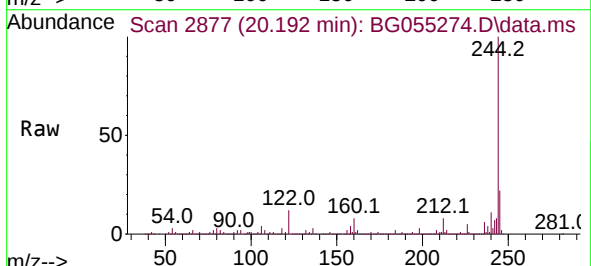
Tgt Ion:244 Resp: 1111562

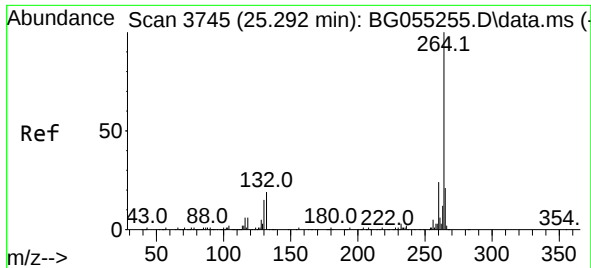
Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 11.5 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.280 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG055274.D
 Acq: 25 Oct 2022 13:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tgt Ion:264 Resp: 261601
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.4 26.2

