

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053666.D
 Acq On : 23 May 2022 16:10
 Operator : CG/JU
 Sample : N2968-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-40

Quant Time: May 24 05:09:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

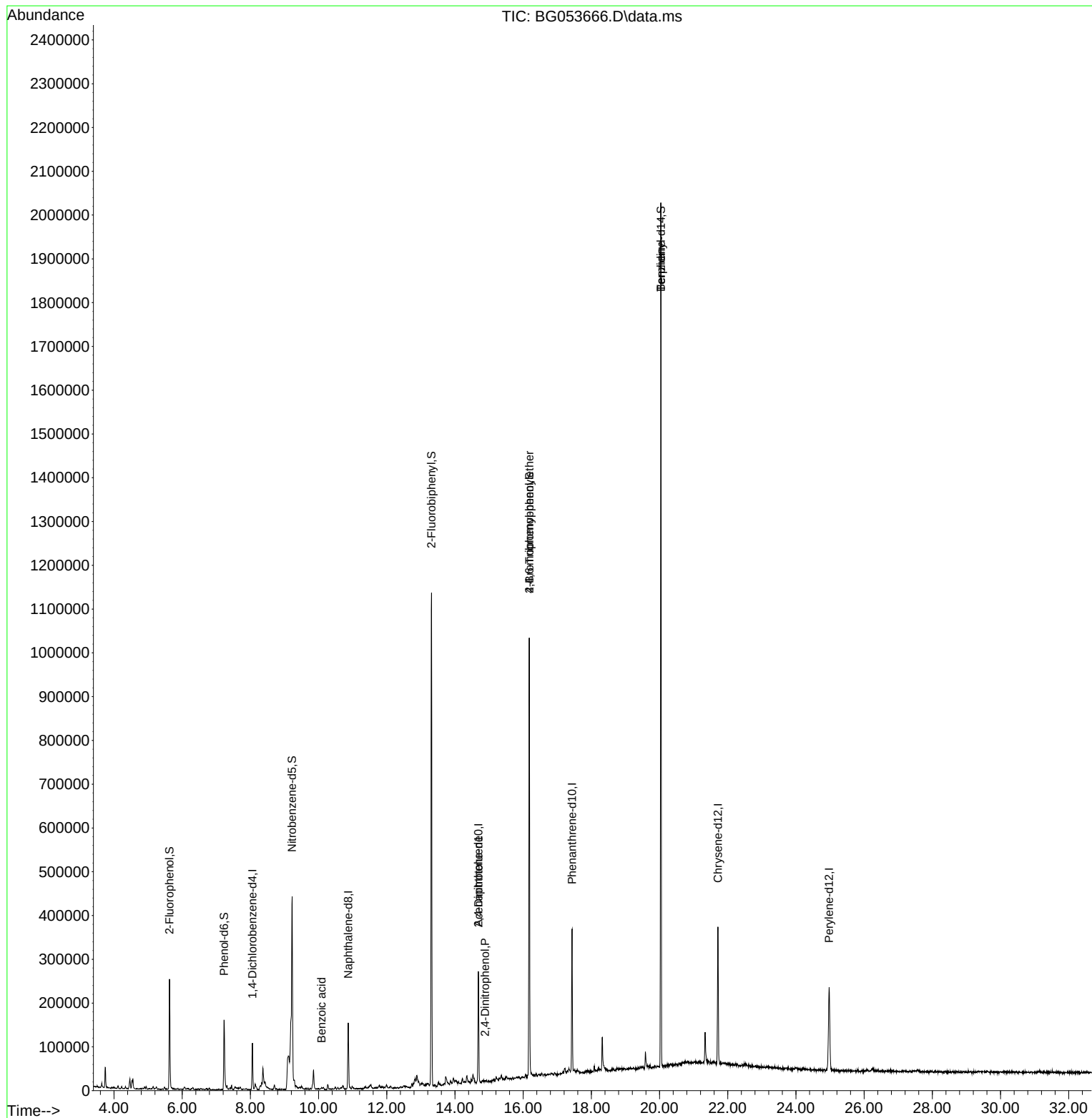
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	29447	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	122921	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	93028	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	210841	20.000	ng	0.00
76) Chrysene-d12	21.712	240	195756	20.000	ng	0.00
86) Perylene-d12	24.973	264	201123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	108129	62.319	ng	0.00
7) Phenol-d6	7.226	99	101998	38.734	ng	0.00
23) Nitrobenzene-d5	9.223	82	260334	90.156	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	193828	141.268	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	601084	94.418	ng	0.00
79) Terphenyl-d14	20.038	244	964163	91.733	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.087	122	244	8.674	ng	# 11
54) 2,4-Dinitrophenol	14.881	184	60	6.305	ng	# 44
57) 2,4-Dinitrotoluene	14.687	165	12750	6.107	ng	# 23
67) 4-Bromophenyl-phenylether	16.179	248	13029	5.291	ng	# 1
77) Benzidine	20.038	184	16768	3.974	ng	# 95

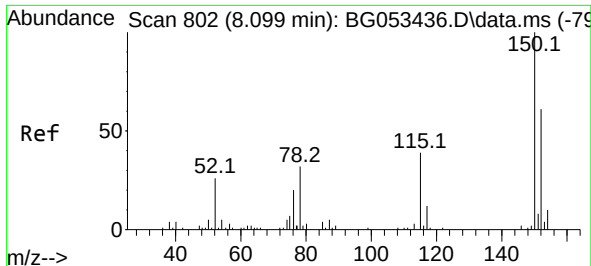
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
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Acq On : 23 May 2022 16:10
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

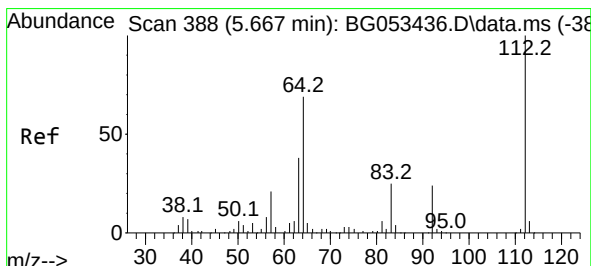
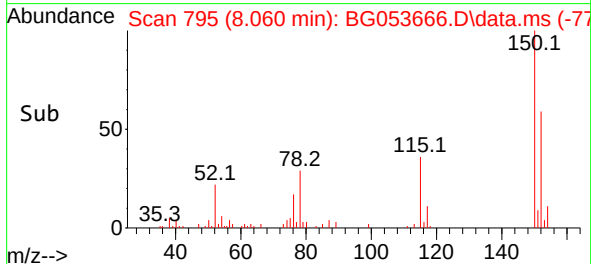
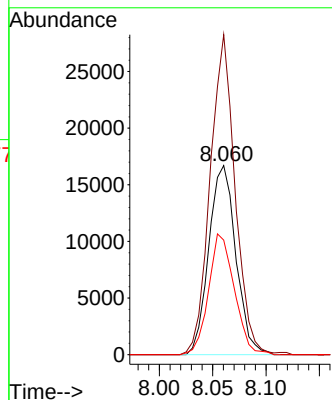
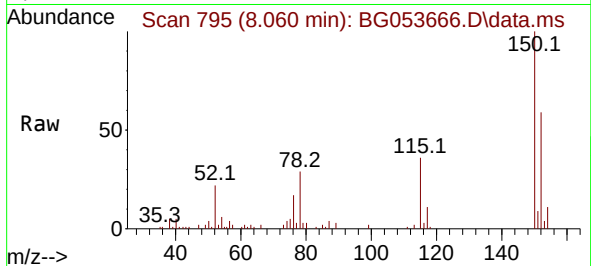




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

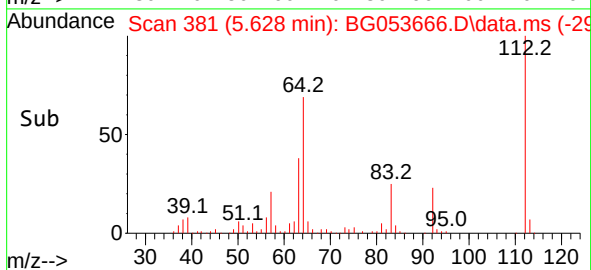
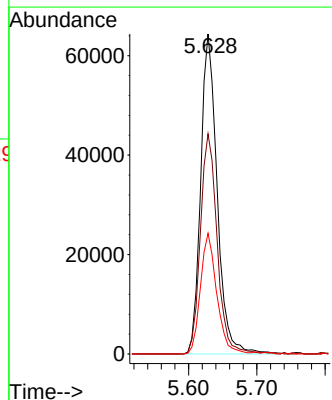
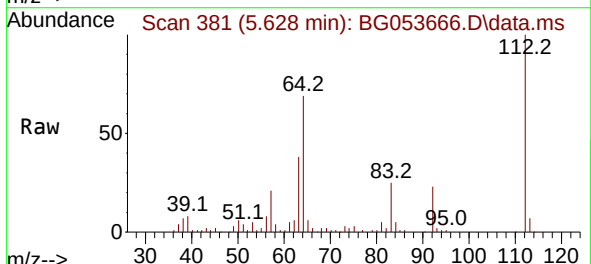
Instrument :
BNA_G
ClientSampleId :
MW-40

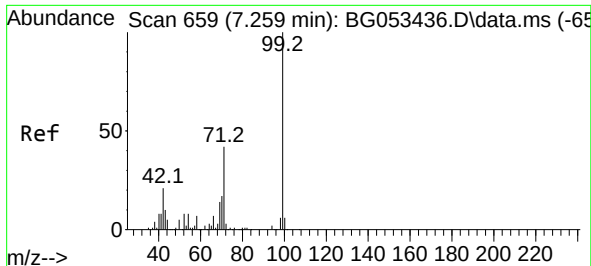
Tgt Ion:152 Resp: 29447
Ion Ratio Lower Upper
152 100
150 169.2 131.6 197.4
115 60.6 50.9 76.3



#5
2-Fluorophenol
Concen: 62.319 ng
RT: 5.628 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:112 Resp: 108129
Ion Ratio Lower Upper
112 100
64 68.8 55.1 82.7
63 37.7 30.4 45.6

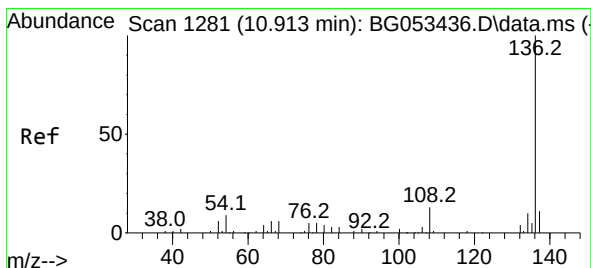
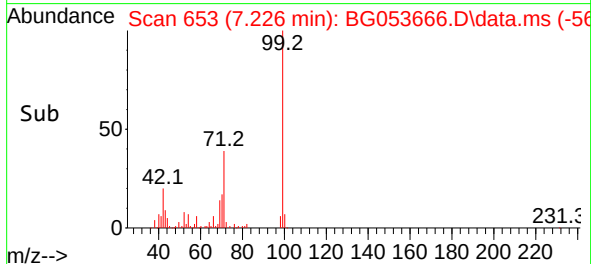
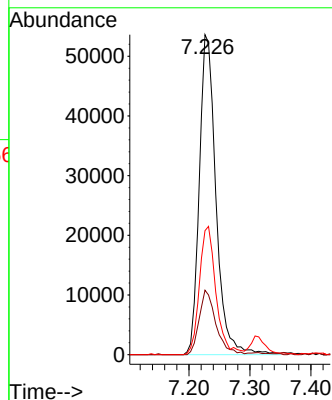
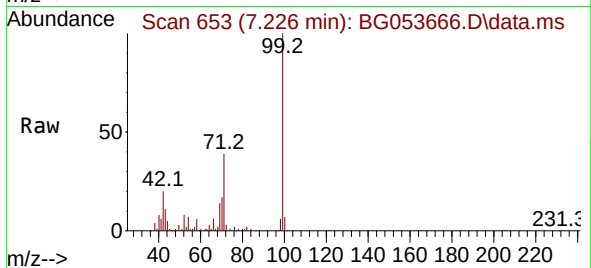




#7
Phenol-d6
Concen: 38.734 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

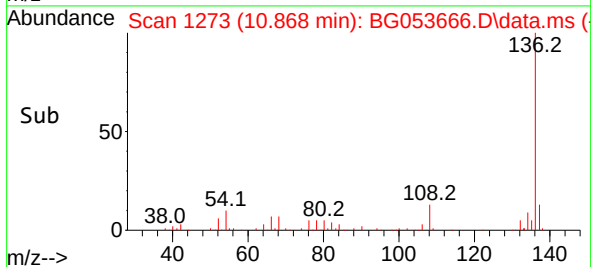
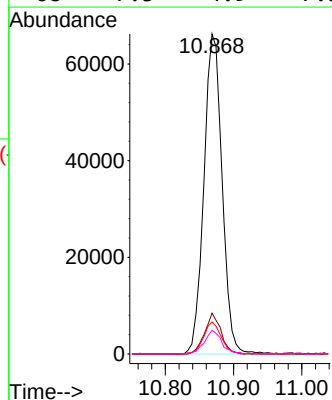
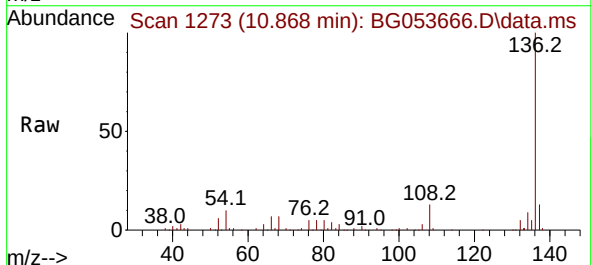
Instrument :
BNA_G
ClientSampleId :
MW-40

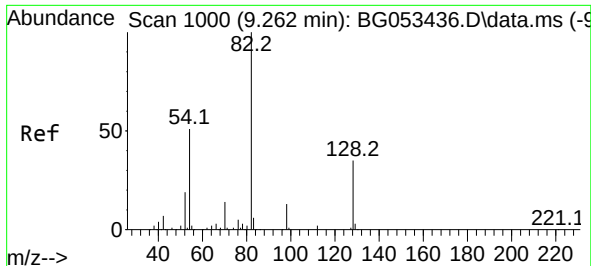
Tgt Ion: 99 Resp: 101998
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 38.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion: 136 Resp: 122921
Ion Ratio Lower Upper
136 100
137 12.8 8.5 12.7#
54 10.0 7.4 11.2
68 7.3 4.9 7.3#

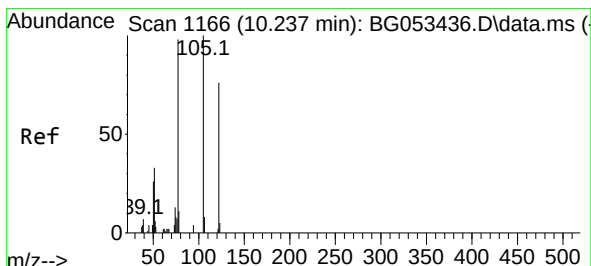
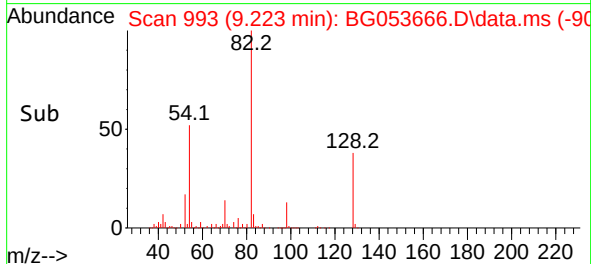
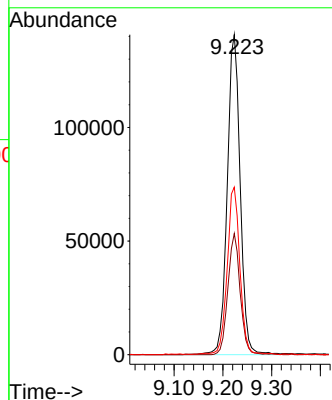
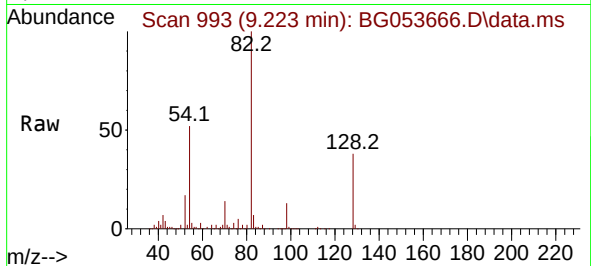




#23
Nitrobenzene-d5
Concen: 90.156 ng
RT: 9.223 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

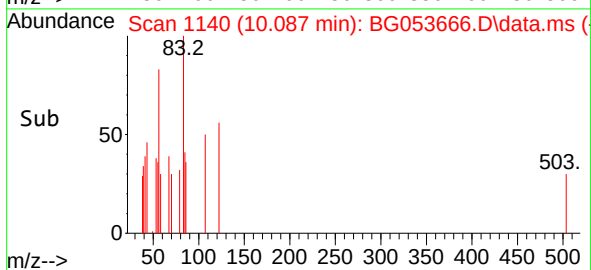
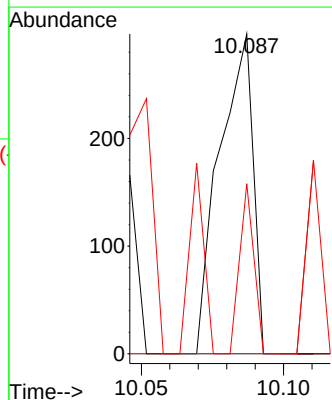
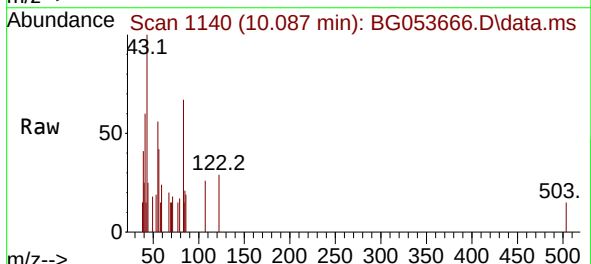
Instrument :
BNA_G
ClientSampleId :
MW-40

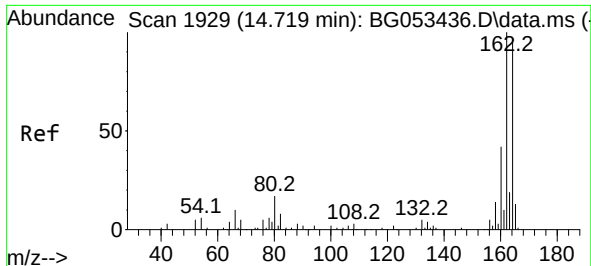
Tgt Ion: 82 Resp: 260334
Ion Ratio Lower Upper
82 100
128 37.8 27.9 41.9
54 52.3 41.2 61.8



#32
Benzoic acid
Concen: 8.674 ng
RT: 10.087 min Scan# 1140
Delta R.T. -0.138 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:122 Resp: 244
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 53.2 109.4 149.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.687 min Scan# 1923

Delta R.T. -0.003 min

Lab File: BG053666.D

Acq: 23 May 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-40

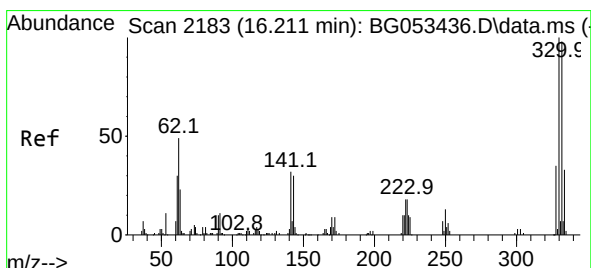
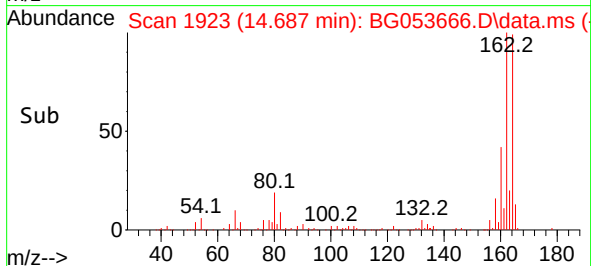
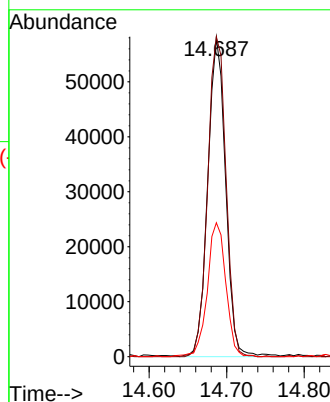
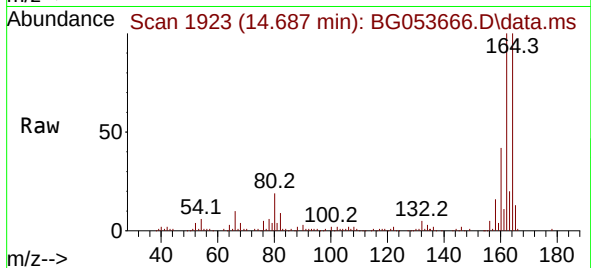
Tgt Ion:164 Resp: 93028

Ion Ratio Lower Upper

164 100

162 100.2 82.3 123.5

160 41.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 141.268 ng

RT: 16.179 min Scan# 2177

Delta R.T. -0.003 min

Lab File: BG053666.D

Acq: 23 May 2022 16:10

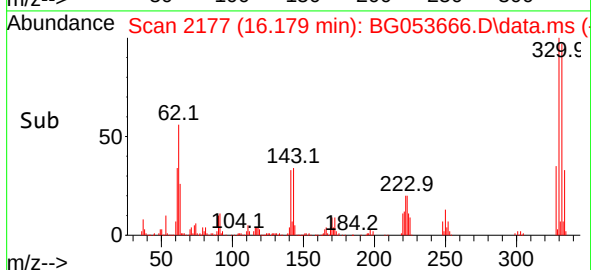
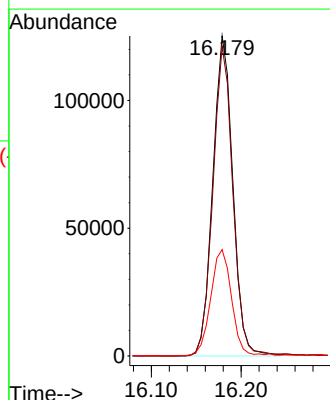
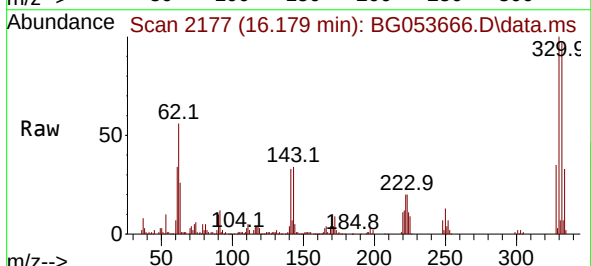
Tgt Ion:330 Resp: 193828

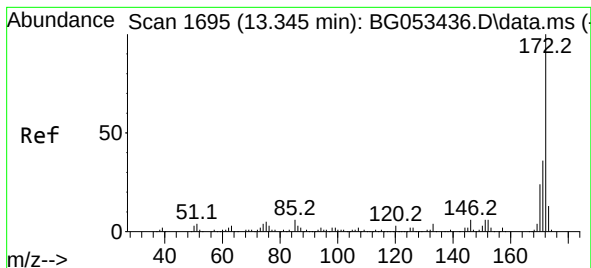
Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 35.0 27.1 40.7

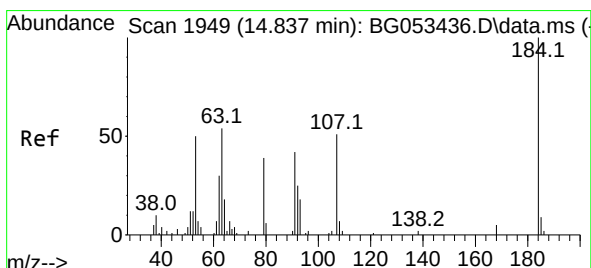
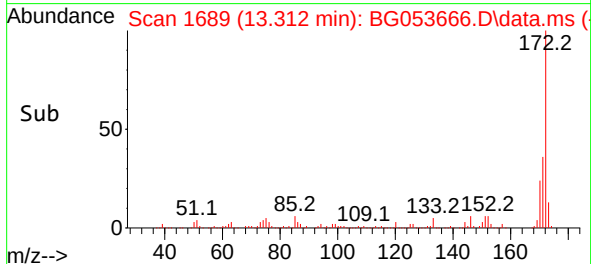
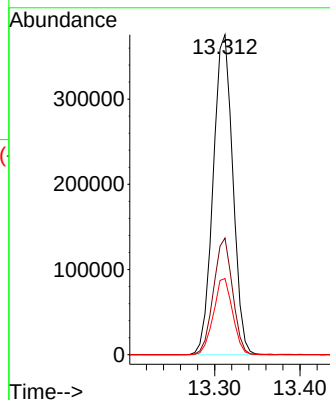
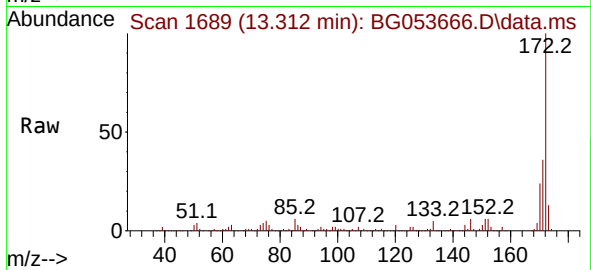




#45
2-Fluorobiphenyl
Concen: 94.418 ng
RT: 13.312 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

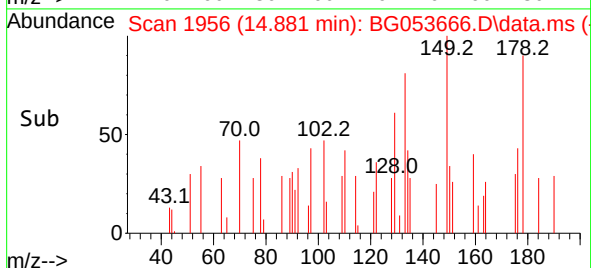
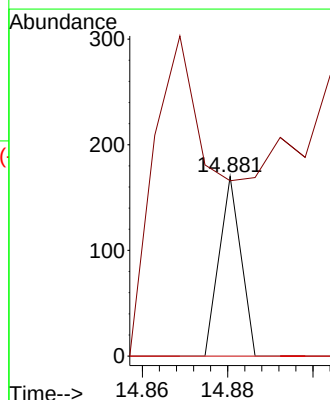
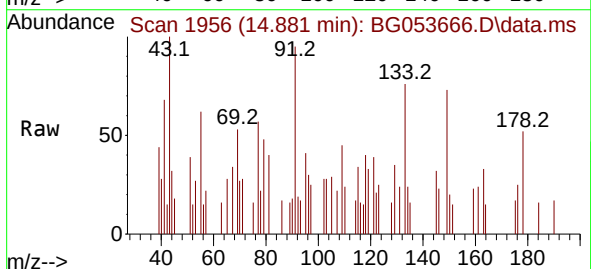
Instrument :
BNA_G
ClientSampleId :
MW-40

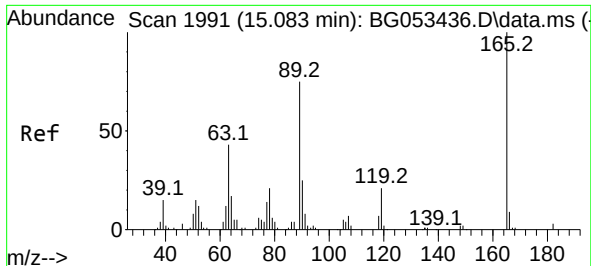
Tgt Ion:172 Resp: 601084
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.8 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 6.305 ng
RT: 14.881 min Scan# 1956
Delta R.T. 0.061 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 97.6 61.1 91.7#
154 0.0 60.6 91.0#





#57

2,4-Dinitrotoluene

Concen: 6.107 ng

RT: 14.687 min Scan# 1991

Delta R.T. -0.367 min

Lab File: BG053666.D

Acq: 23 May 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-40

Tgt Ion:165 Resp: 12750

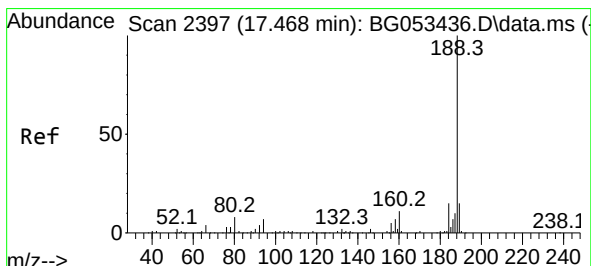
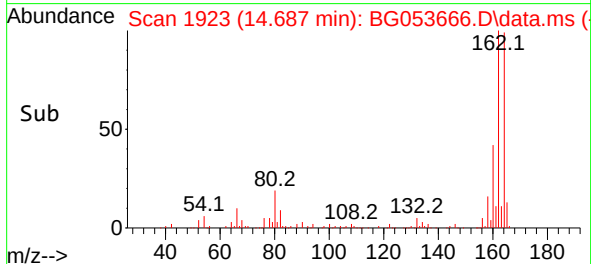
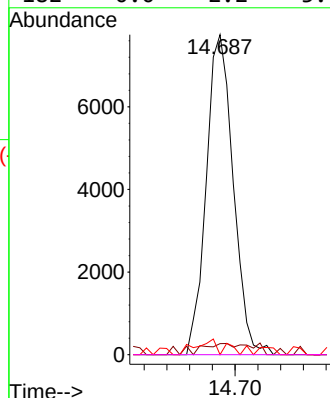
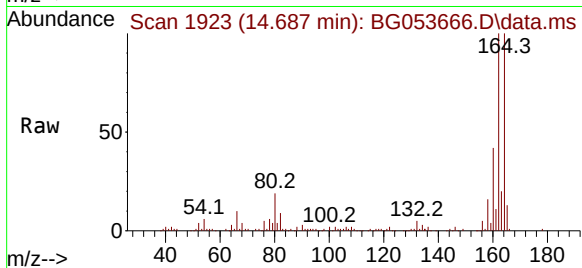
Ion Ratio Lower Upper

165 100

63 3.4 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.436 min Scan# 2391

Delta R.T. -0.003 min

Lab File: BG053666.D

Acq: 23 May 2022 16:10

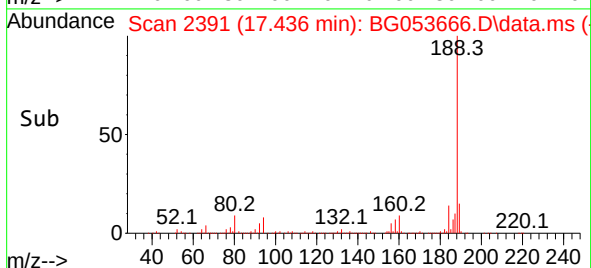
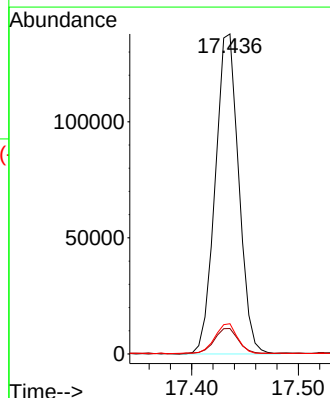
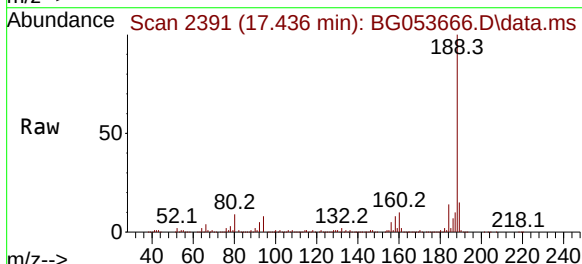
Tgt Ion:188 Resp: 210841

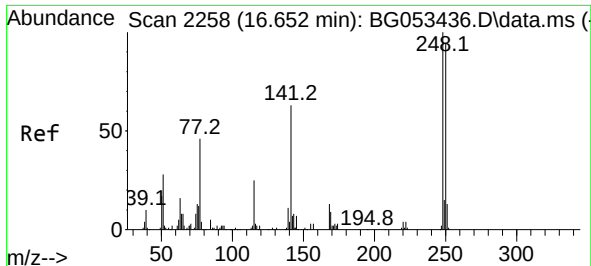
Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.0

80 9.4 6.8 10.2

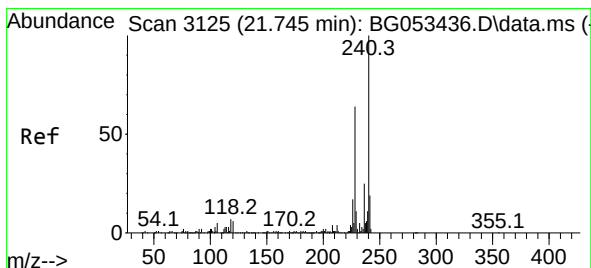
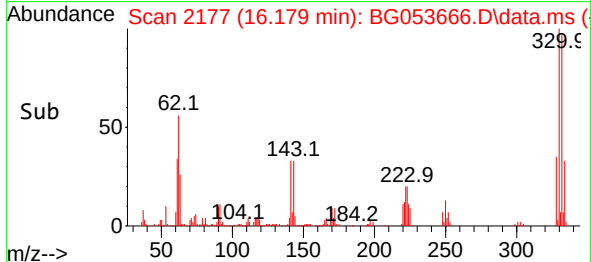
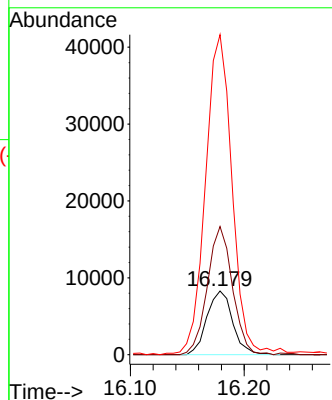
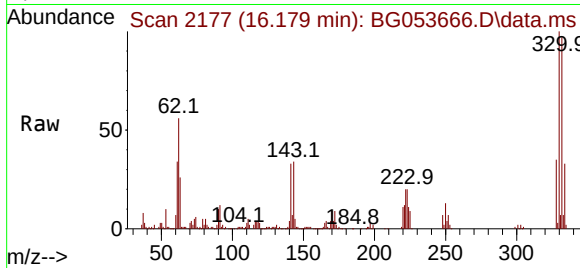




#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.438 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

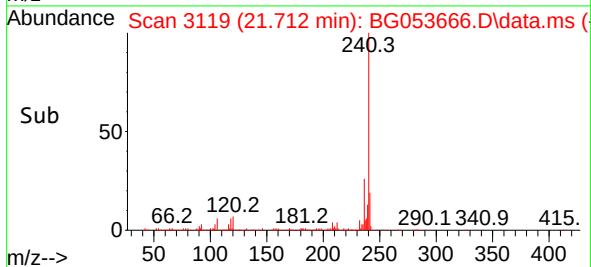
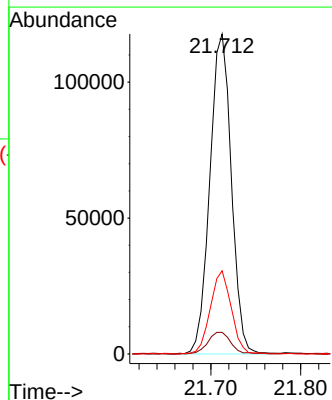
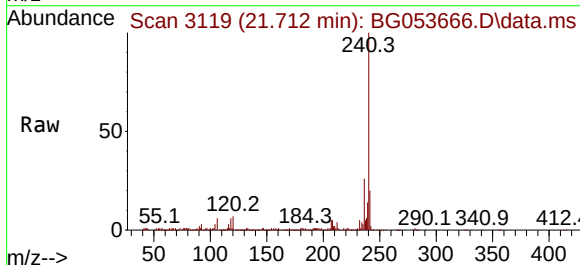
Instrument :
BNA_G
ClientSampleId :
MW-40

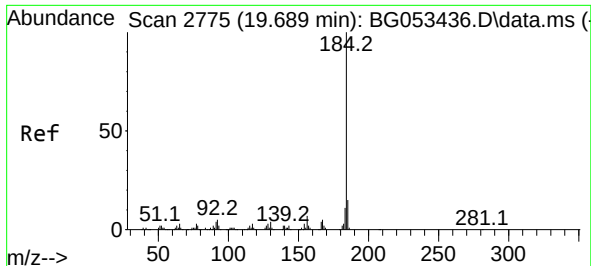
Tgt Ion:248 Resp: 13029
Ion Ratio Lower Upper
248 100
250 201.2 75.2 112.8#
141 502.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:240 Resp: 195756
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.0 20.2 30.4

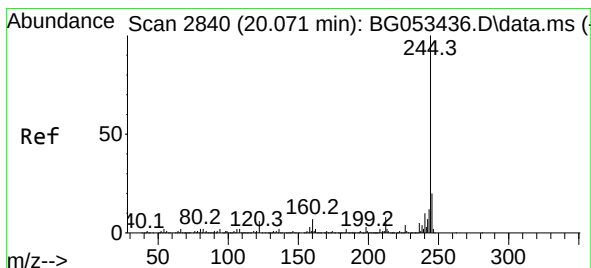
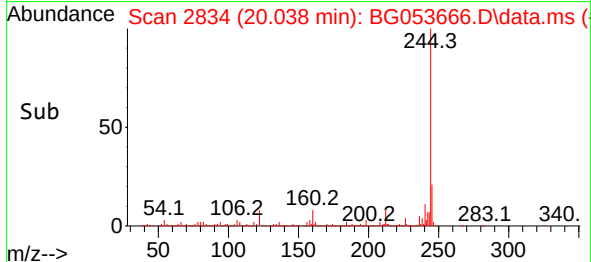
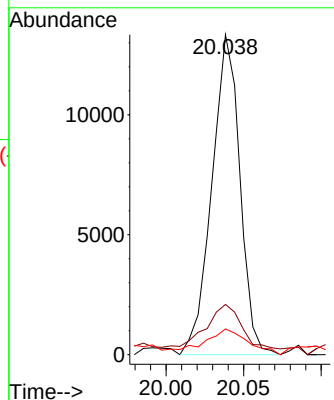
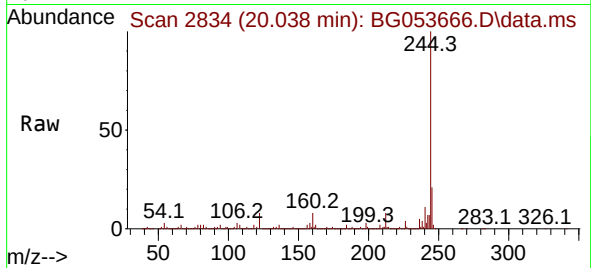




#77
Benzidine
Concen: 3.974 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.379 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

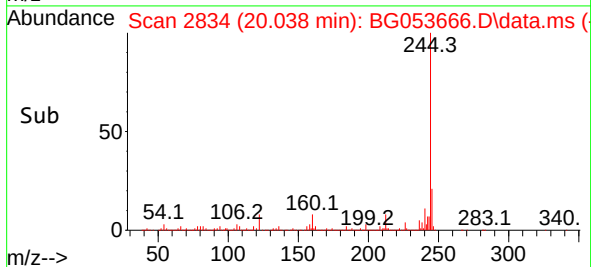
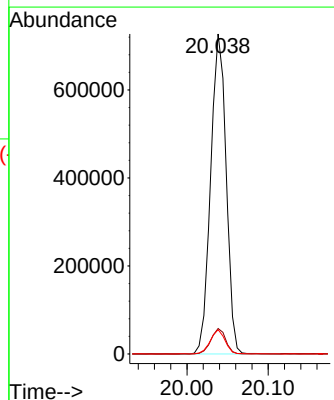
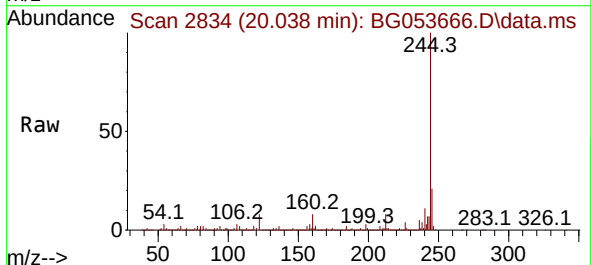
Instrument :
BNA_G
ClientSampleId :
MW-40

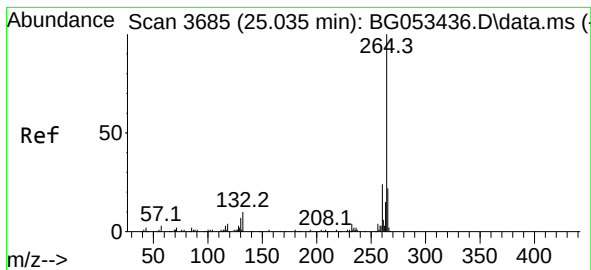
Tgt Ion:184 Resp: 16768
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 8.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.733 ng
RT: 20.038 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG053666.D
Acq: 23 May 2022 16:10

Tgt Ion:244 Resp: 964163
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.6 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.973 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG053666.D

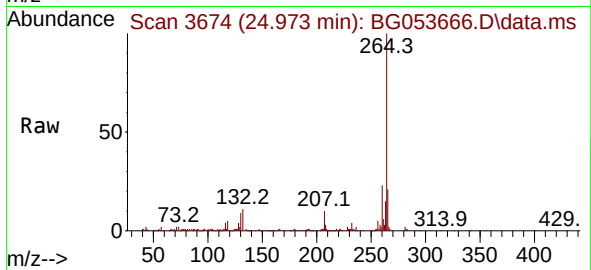
Acq: 23 May 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-40



Tgt Ion:264 Resp: 201123

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.8 17.4 26.2

