

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053691.D
 Acq On : 24 May 2022 20:43
 Operator : CG/JU
 Sample : N2943-18DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23DL

Quant Time: May 25 02:38:02 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)

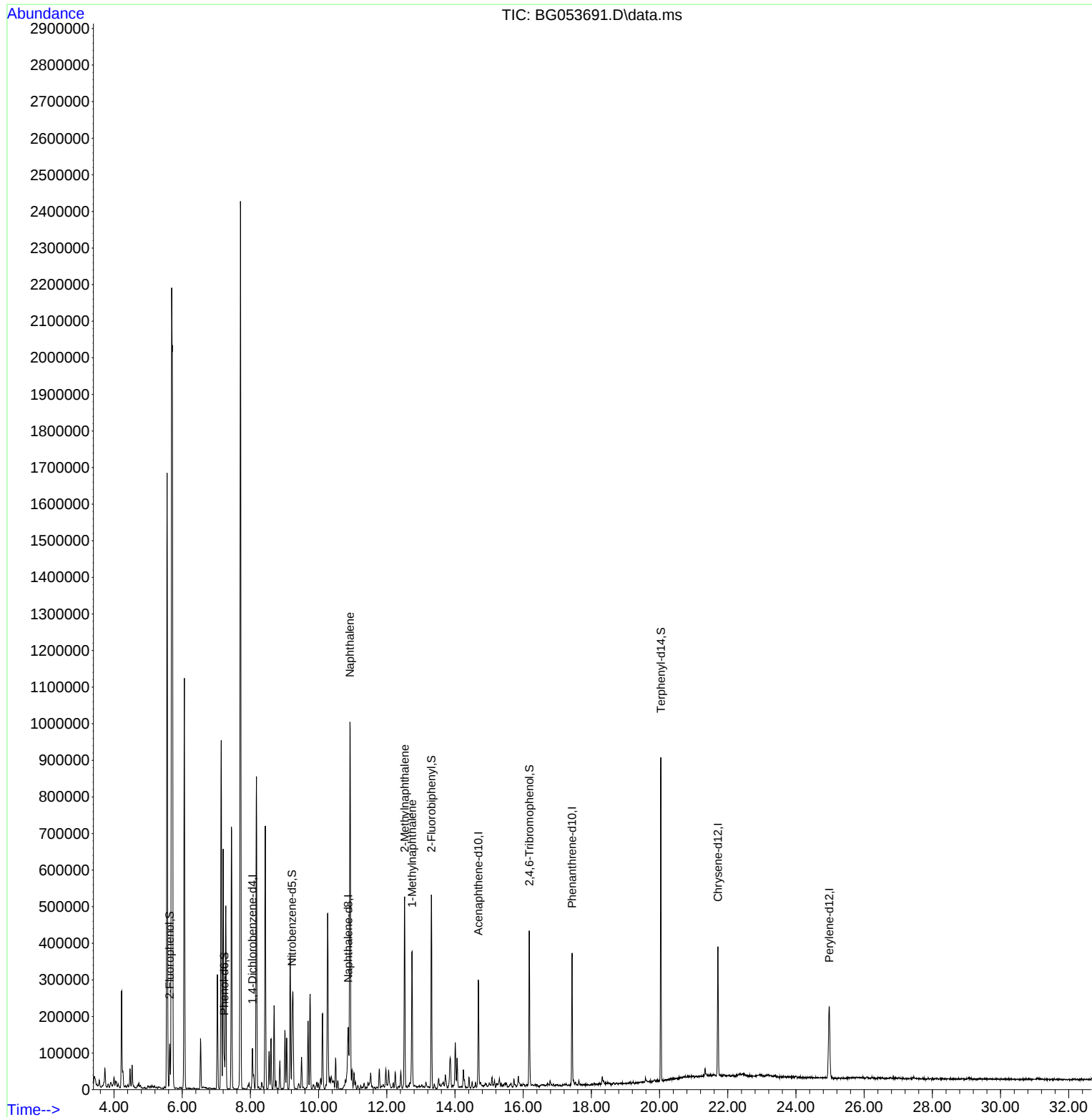
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	30240	20.000	ng	0.00
21) Naphthalene-d8	10.867	136	131665	20.000	ng	0.00
39) Acenaphthene-d10	14.685	164	100778	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	225036	20.000	ng	0.00
76) Chrysene-d12	21.711	240	222457	20.000	ng	0.00
86) Perylene-d12	24.977	264	221139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	51605	28.962	ng	0.00
7) Phenol-d6	7.236	99	49177	18.185	ng	0.00
23) Nitrobenzene-d5	9.222	82	118558	38.331	ng	0.00
42) 2,4,6-Tribromophenol	16.177	330	87303	58.736	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	287852	41.739	ng	0.00
79) Terphenyl-d14	20.036	244	448712	37.567	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.919	128	789642	117.902	ng	99
37) 2-Methylnaphthalene	12.523	142	245540	49.126	ng	99
38) 1-Methylnaphthalene	12.740	142	167122	34.271	ng	99

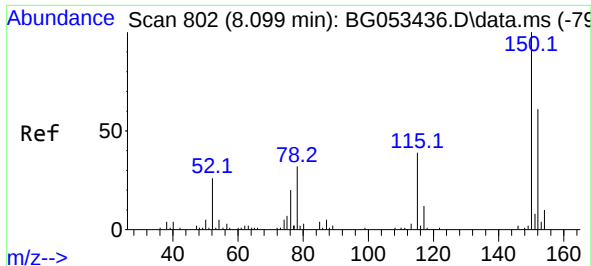
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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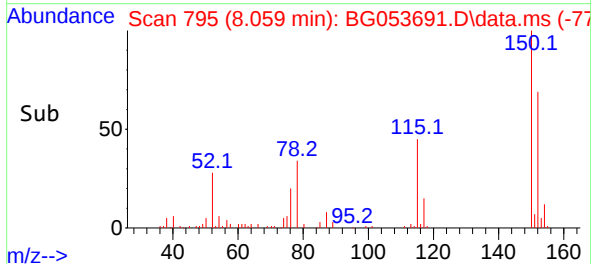
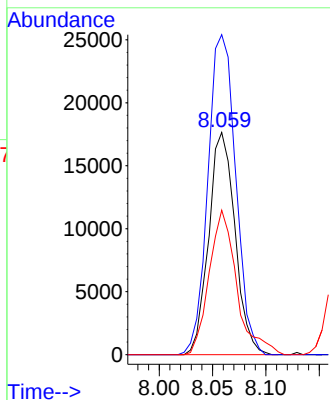
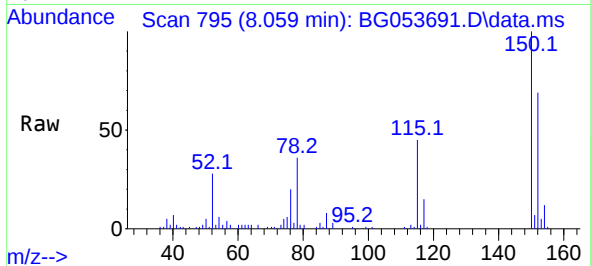




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

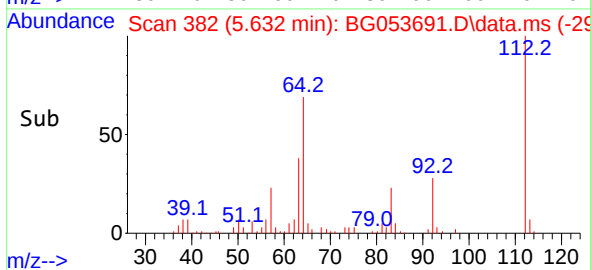
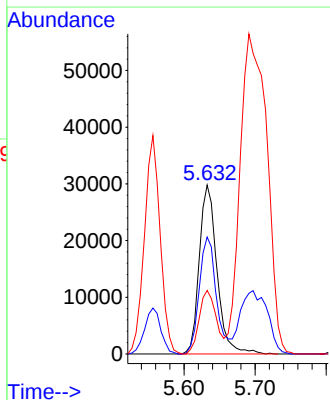
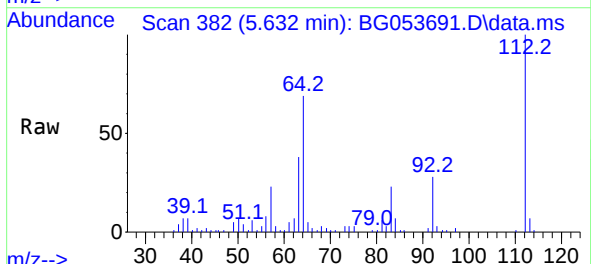
Instrument :
BNA_G
ClientSampleId :
MW-23DL

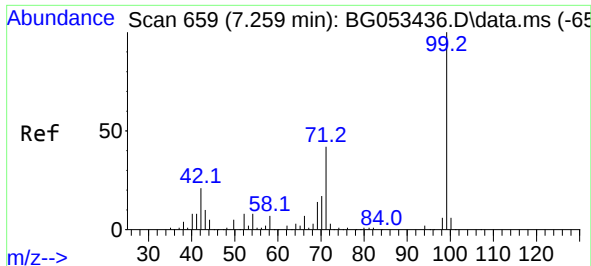
Tgt Ion:152 Resp: 30240
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 65.0 50.9 76.3



#5
2-Fluorophenol
Concen: 28.962 ng
RT: 5.632 min Scan# 382
Delta R.T. 0.007 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:112 Resp: 51605
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 37.6 30.4 45.6

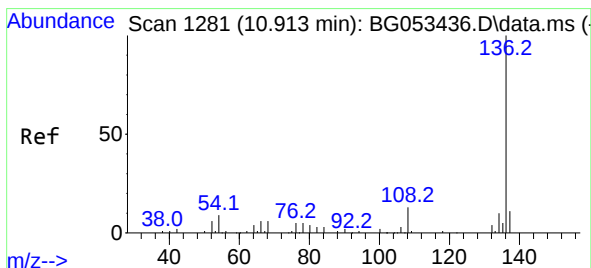
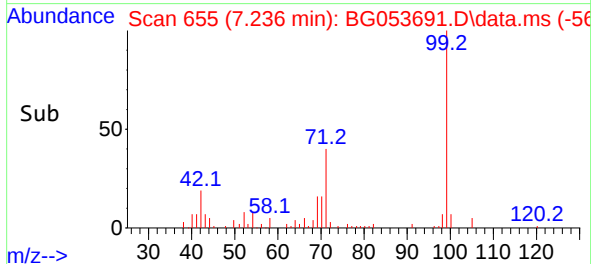
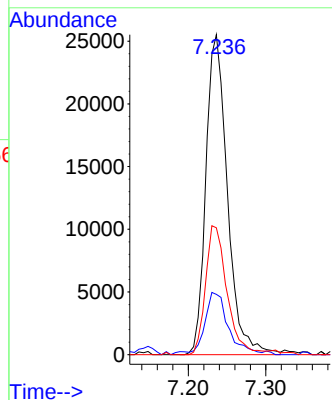
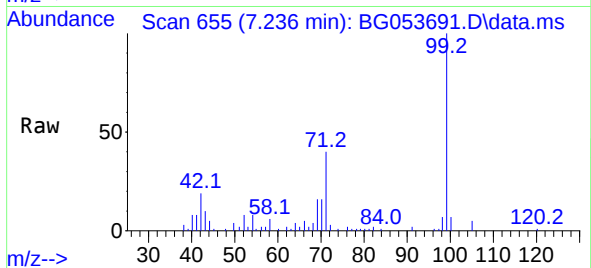




#7
Phenol-d6
Concen: 18.185 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

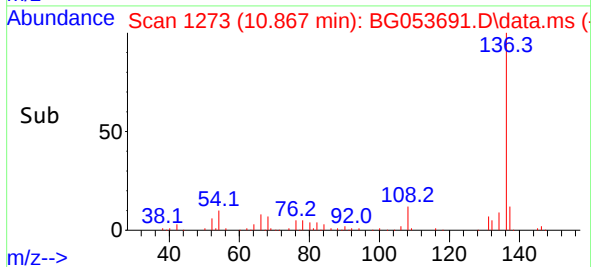
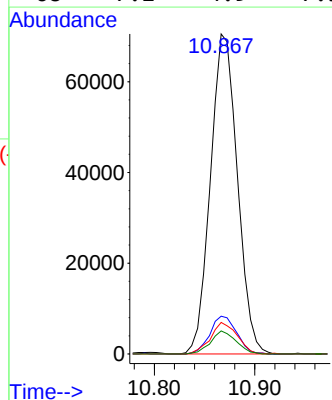
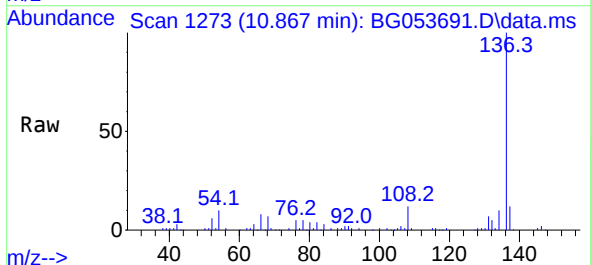
Instrument :
BNA_G
ClientSampleId :
MW-23DL

Tgt Ion:	99	Resp:	49177
Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.0	25.6
71	39.7	33.8	50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.867 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:	136	Resp:	131665
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.9	7.4	11.2
68	7.2	4.9	7.3

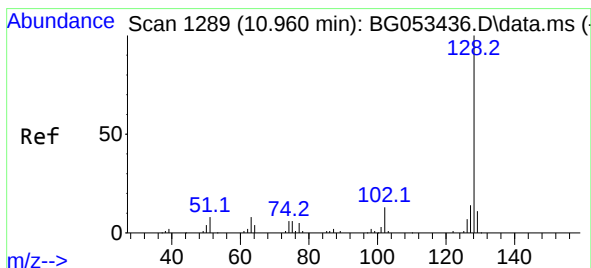
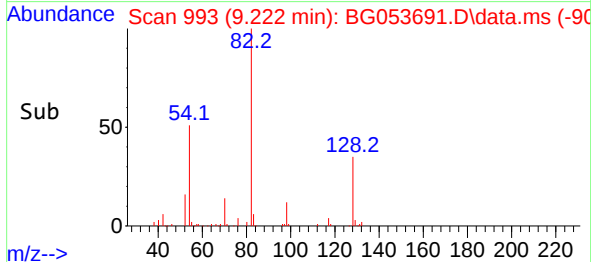
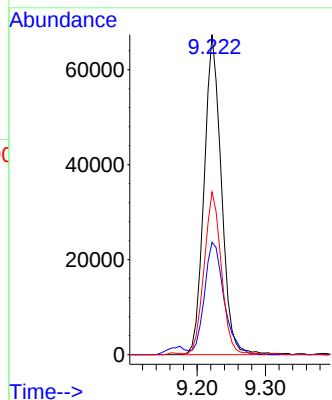
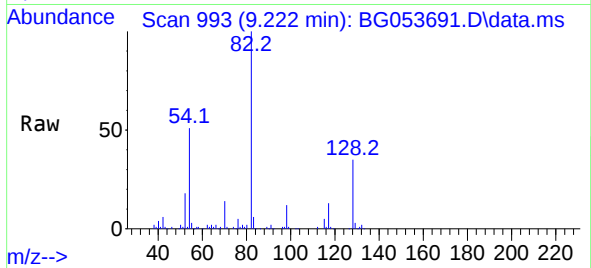




#23
Nitrobenzene-d5
Concen: 38.331 ng
RT: 9.222 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

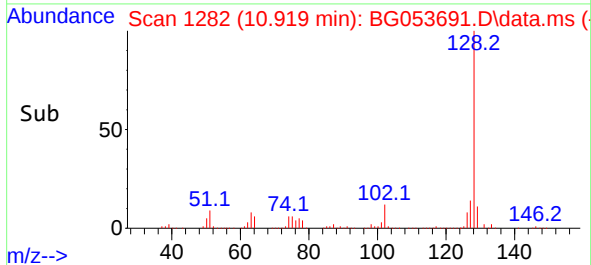
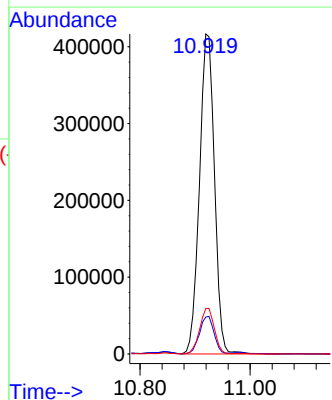
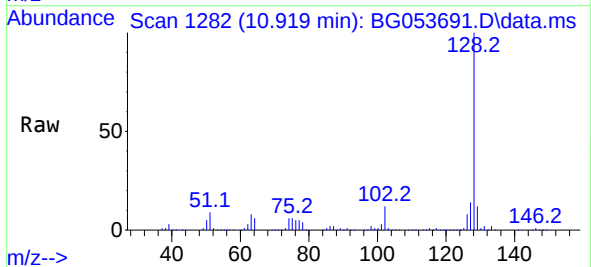
Instrument :
BNA_G
ClientSampleId :
MW-23DL

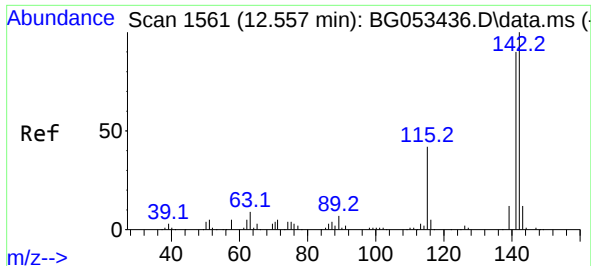
Tgt Ion: 82 Resp: 118558
Ion Ratio Lower Upper
82 100
128 35.2 27.9 41.9
54 50.9 41.2 61.8



#31
Naphthalene
Concen: 117.902 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 128 Resp: 789642
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 11.1 16.7





#37

2-Methylnaphthalene

Concen: 49.126 ng

RT: 12.523 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

Instrument :

BNA_G

ClientSampleId :

MW-23DL

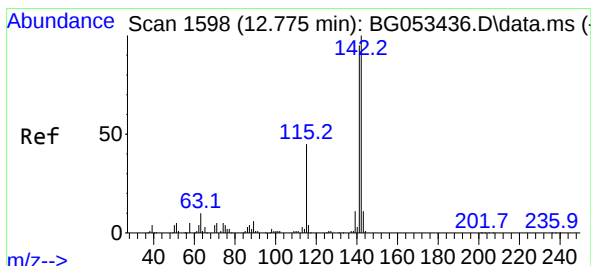
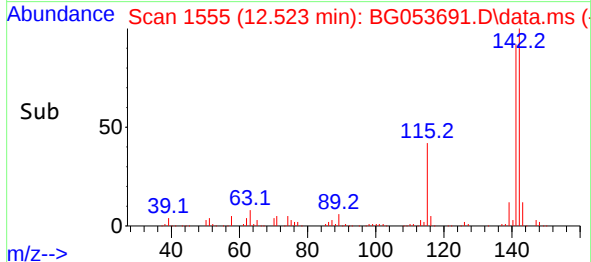
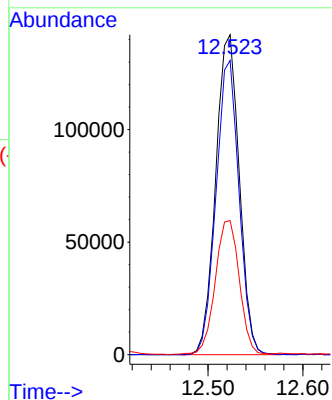
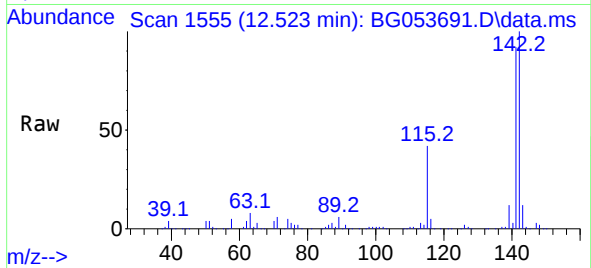
Tgt Ion:142 Resp: 245540

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

115 41.9 33.7 50.5



#38

1-Methylnaphthalene

Concen: 34.271 ng

RT: 12.740 min Scan# 1592

Delta R.T. 0.001 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

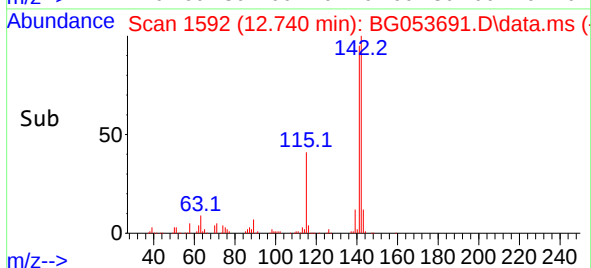
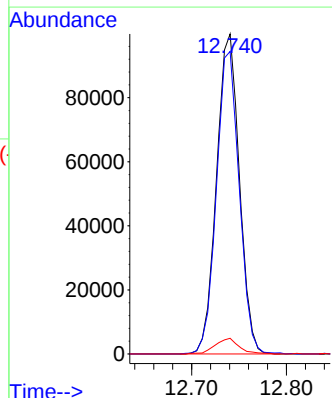
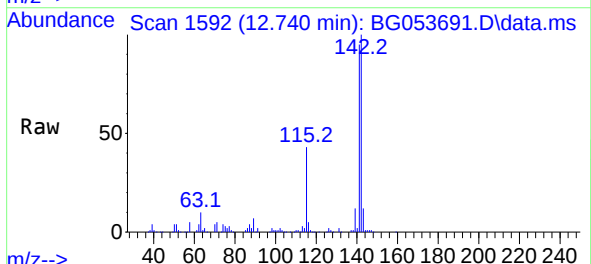
Tgt Ion:142 Resp: 167122

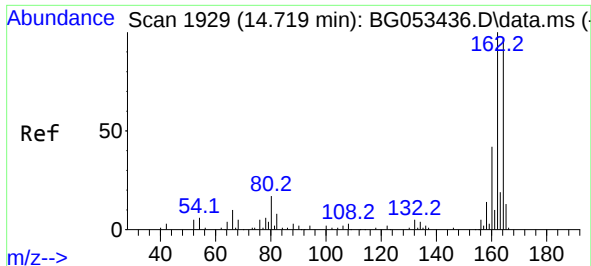
Ion Ratio Lower Upper

142 100

141 94.6 76.4 114.6

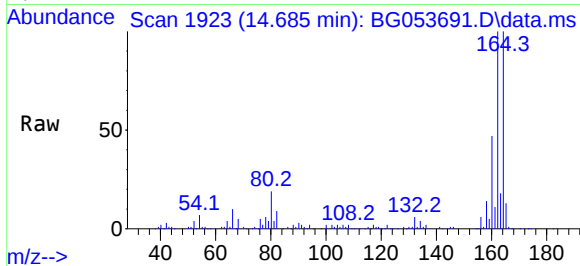
116 4.9 3.3 4.9



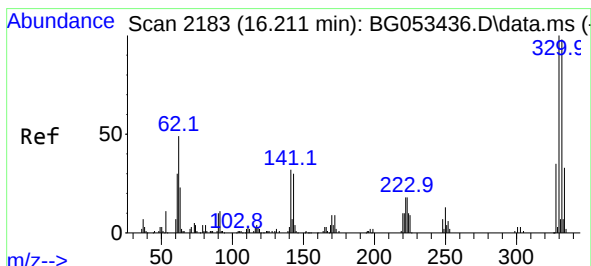
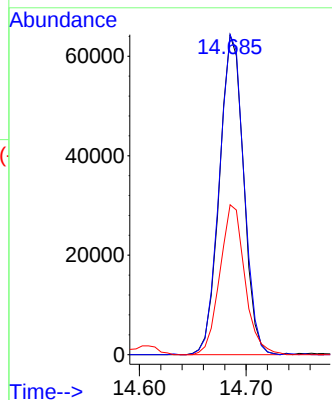
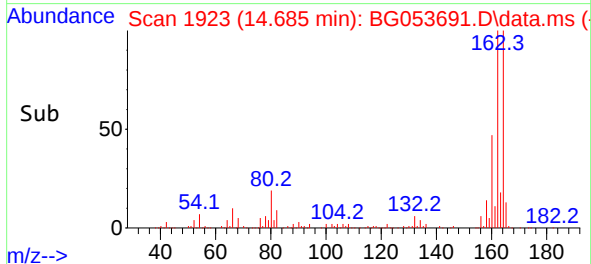


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.685 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

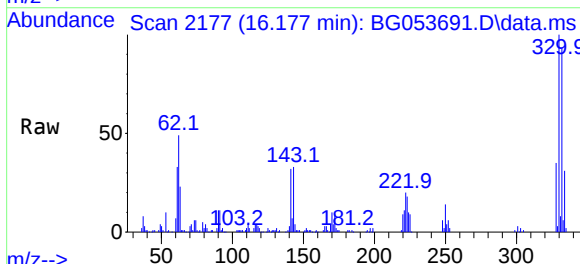
Instrument :
BNA_G
ClientSampleId :
MW-23DL



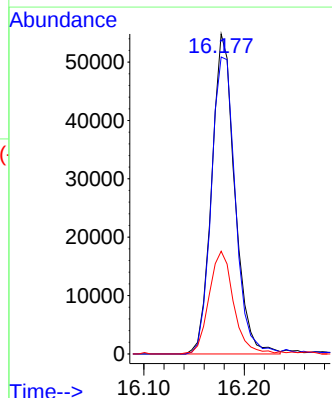
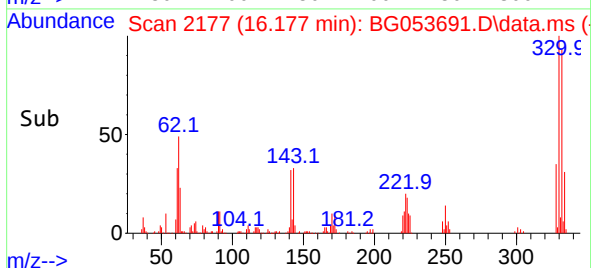
Tgt Ion:164 Resp: 100778
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 46.9 34.2 51.2

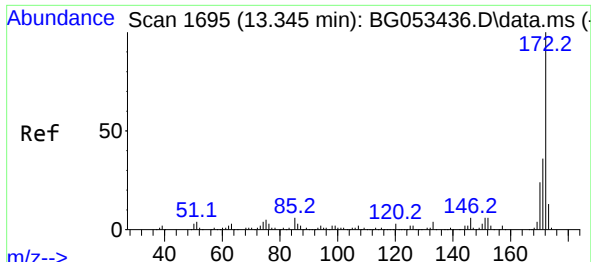


#42
2,4,6-Tribromophenol
Concen: 58.736 ng
RT: 16.177 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43



Tgt Ion:330 Resp: 87303
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.6 27.1 40.7

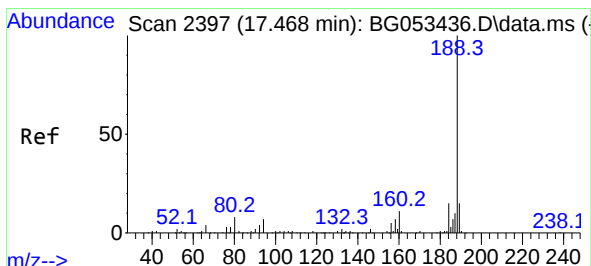
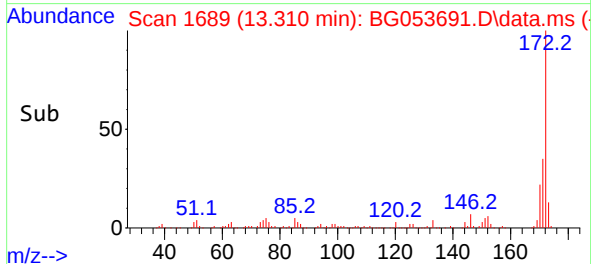
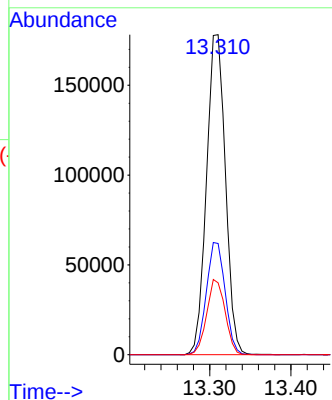
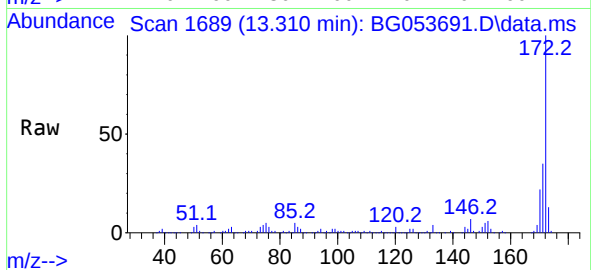




#45
2-Fluorobiphenyl
Concen: 41.739 ng
RT: 13.310 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

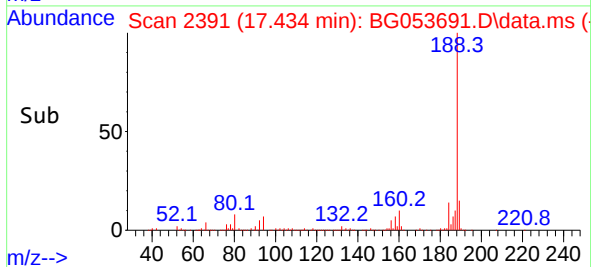
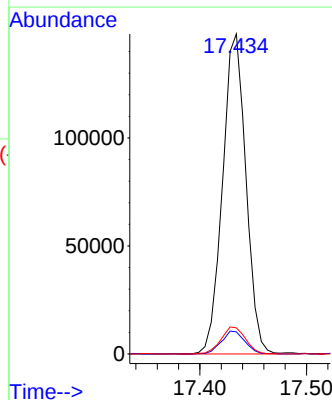
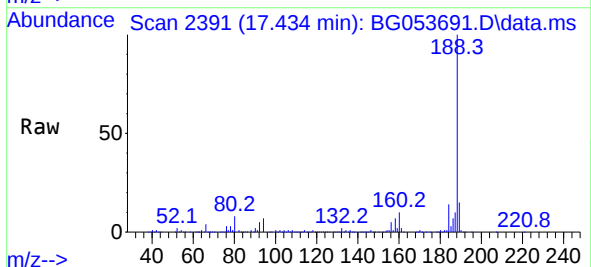
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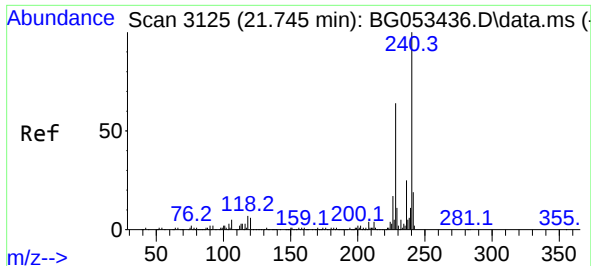
Tgt Ion:172 Resp: 287852
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2391
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:188 Resp: 225036
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.1 6.8 10.2

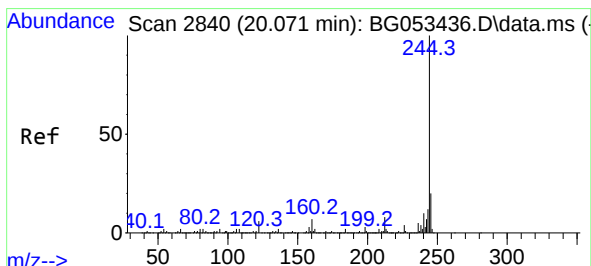
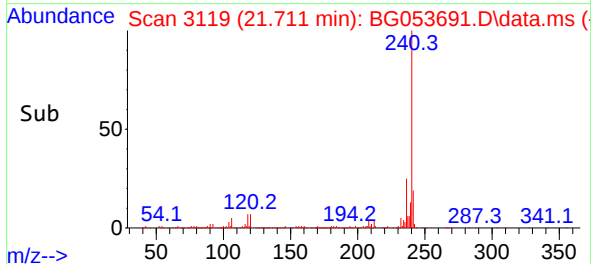
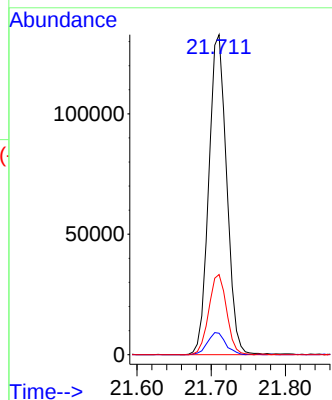
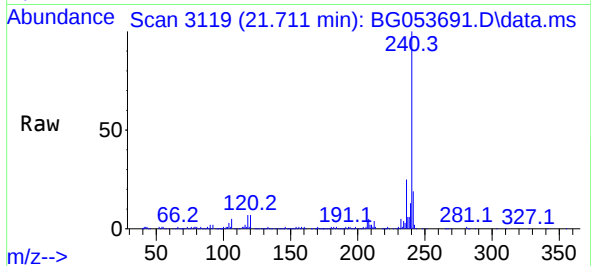




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

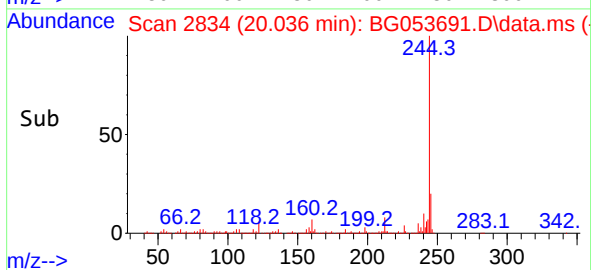
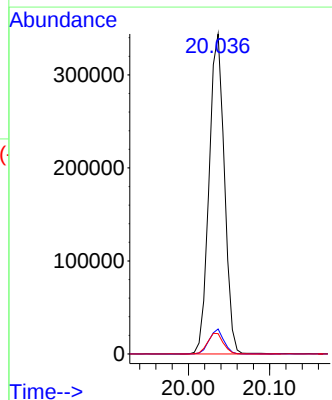
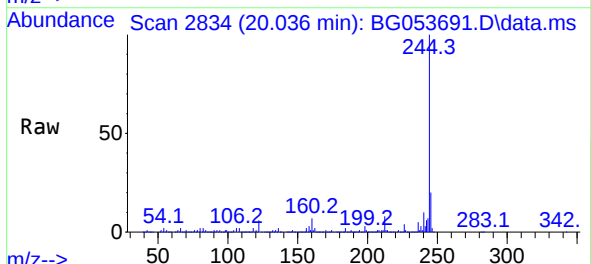
Instrument :
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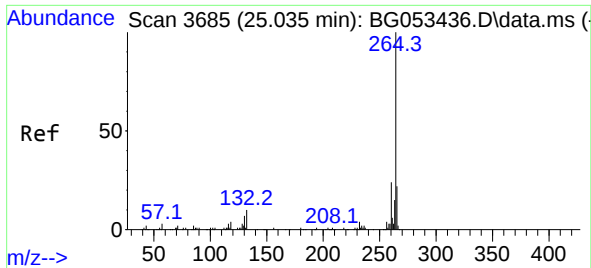
Tgt Ion:240 Resp: 222457
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 25.0 20.2 30.4



#79
Terphenyl-d14
Concen: 37.567 ng
RT: 20.036 min Scan# 2834
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

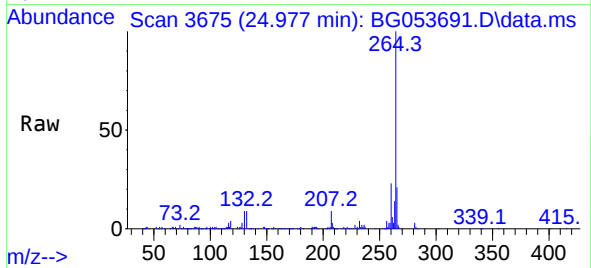
Tgt Ion:244 Resp: 448712
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Instrument :
BNA_G
ClientSampleId :
MW-23DL



Tgt Ion:264 Resp: 221139
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.8 17.4 26.2

