

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054234.D
 Acq On : 7 Jul 2022 21:05
 Operator : CG/JU
 Sample : N3617-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

Quant Time: Jul 08 03:17:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

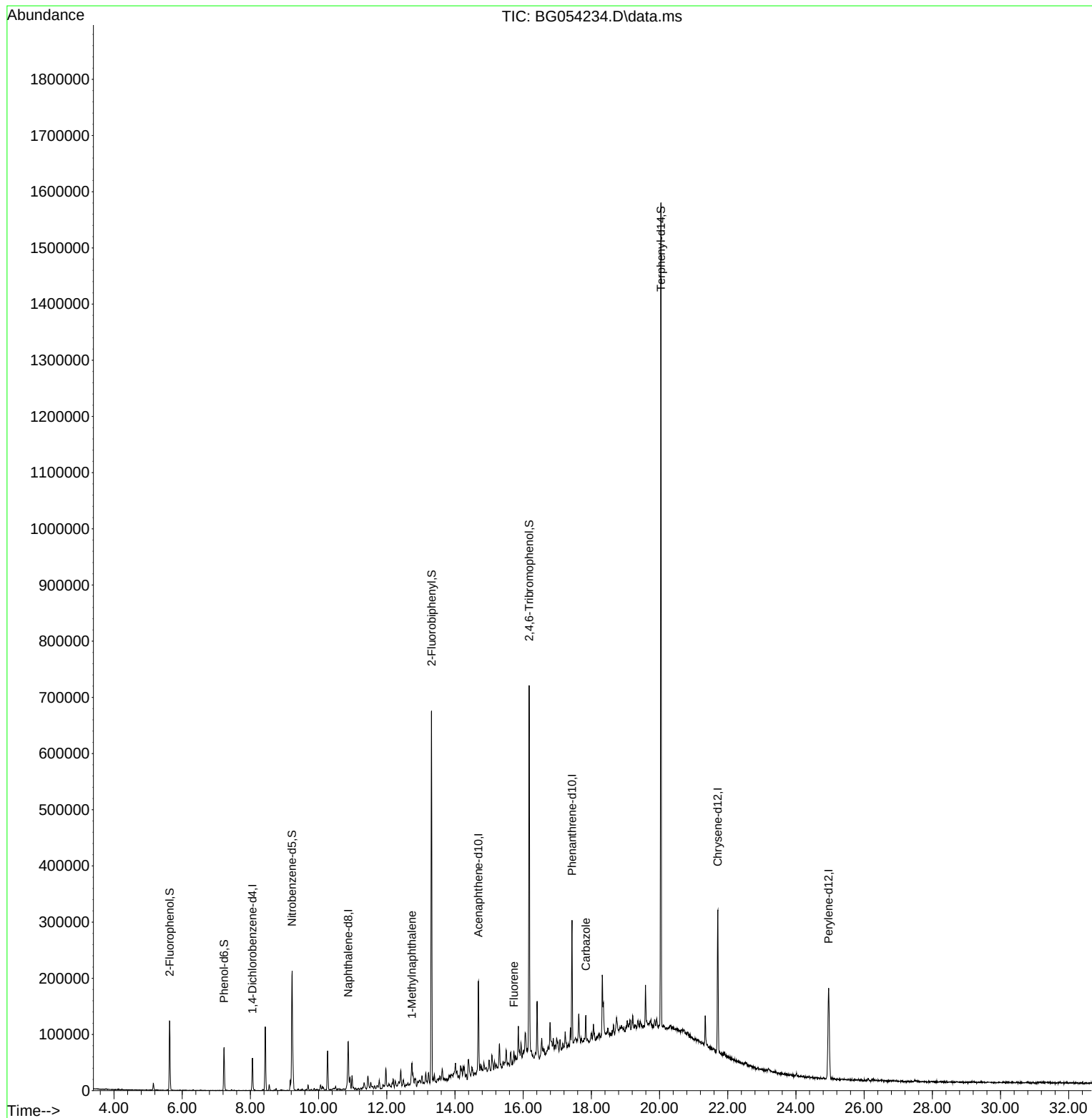
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	17989	20.000	ng	0.00
21) Naphthalene-d8	10.870	136	71423	20.000	ng	0.00
39) Acenaphthene-d10	14.689	164	57401	20.000	ng	# 0.00
64) Phenanthrene-d10	17.433	188	147689	20.000	ng	# 0.00
76) Chrysene-d12	21.705	240	183346	20.000	ng	-0.01
86) Perylene-d12	24.960	264	193630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	59417	63.150	ng	0.00
7) Phenol-d6	7.228	99	45930	35.984	ng	0.00
23) Nitrobenzene-d5	9.225	82	132354	104.137	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	171972	186.470	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	387222	98.095	ng	0.00
79) Terphenyl-d14	20.042	244	835417	91.772	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.739	142	15470	5.956	ng	# 98
58) Fluorene	15.729	166	9221	2.173	ng	# 91
73) Carbazole	17.839	167	22710	3.571	ng	96

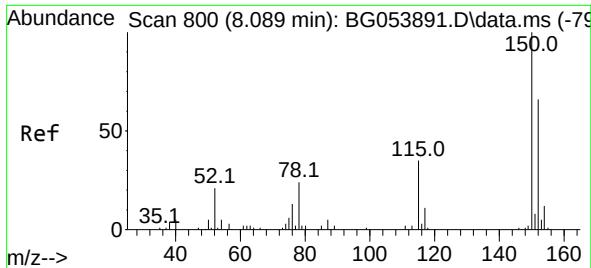
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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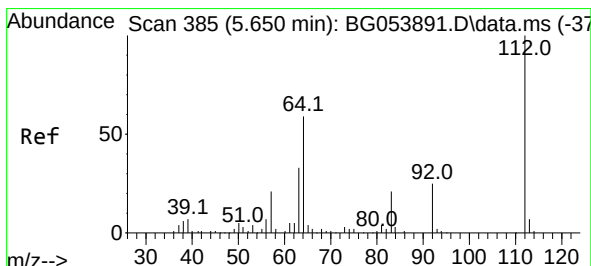
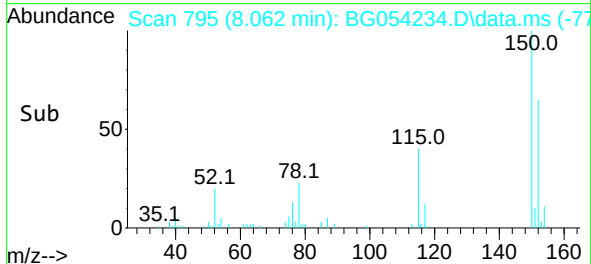
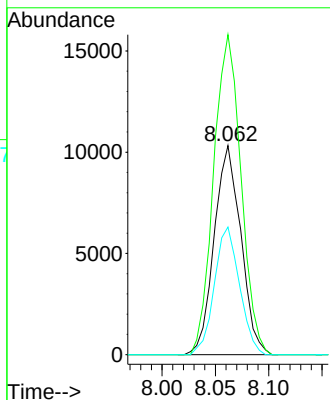
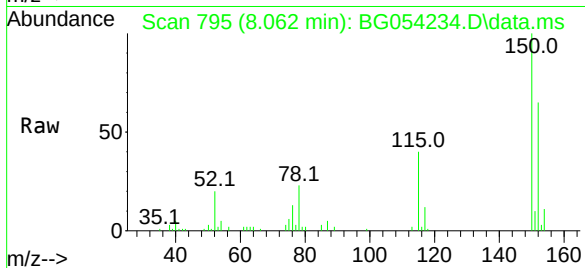




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

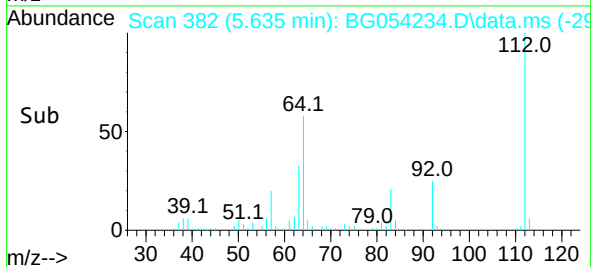
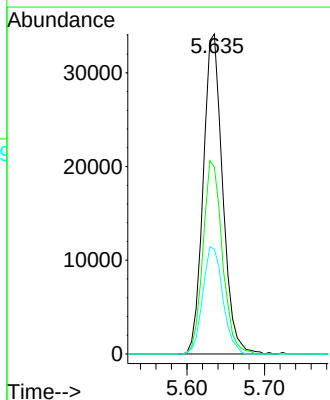
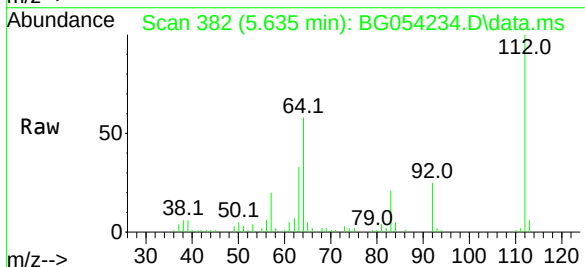
Instrument :
BNA_G
ClientSampleId :
MW-2R

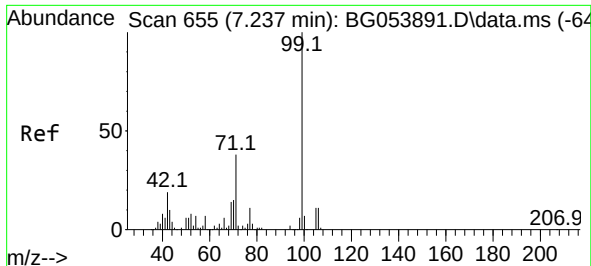
Tgt Ion:152 Resp: 17989
Ion Ratio Lower Upper
152 100
150 153.0 131.6 197.4
115 61.1 50.9 76.3



#5
2-Fluorophenol
Concen: 63.150 ng
RT: 5.635 min Scan# 382
Delta R.T. -0.003 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Tgt Ion:112 Resp: 59417
Ion Ratio Lower Upper
112 100
64 58.4 55.1 82.7
63 32.7 30.4 45.6

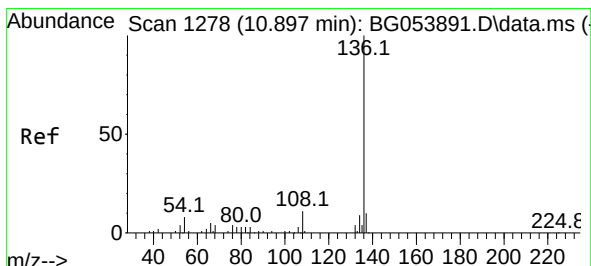
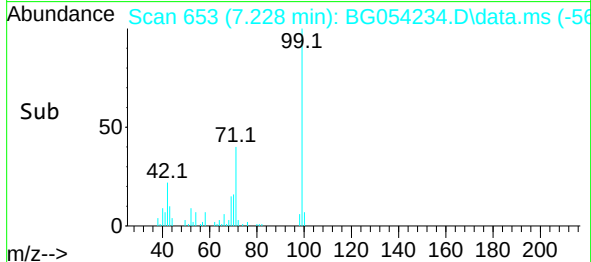
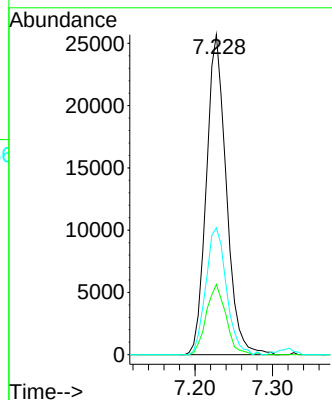
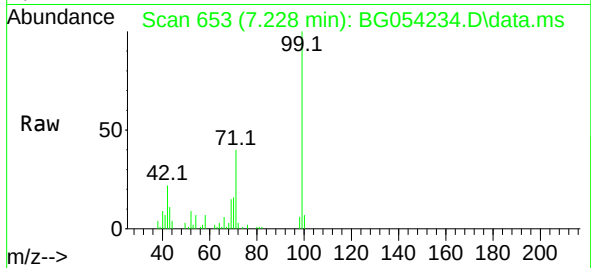




#7
Phenol-d6
Concen: 35.984 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

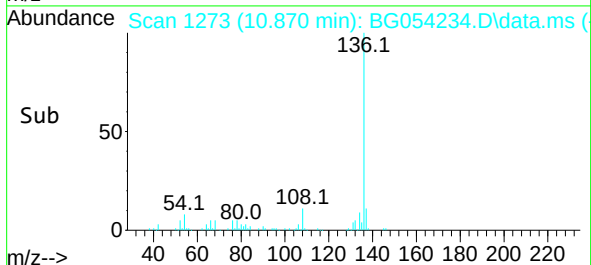
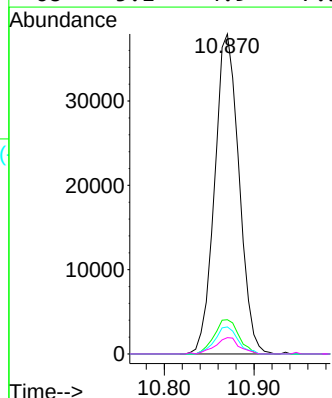
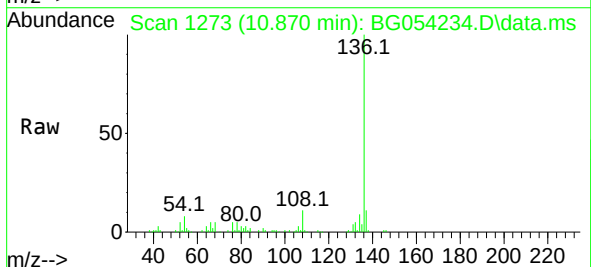
Instrument :
BNA_G
ClientSampleId :
MW-2R

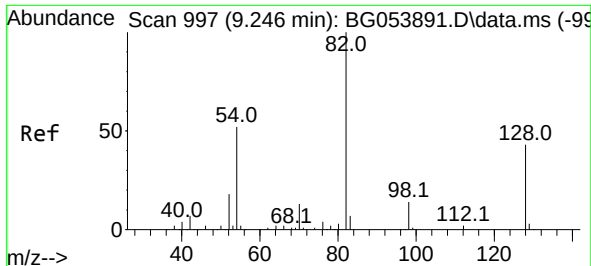
Tgt Ion: 99 Resp: 45930
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 39.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.870 min Scan# 1273
Delta R.T. -0.009 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Tgt Ion: 136 Resp: 71423
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.4 7.4 11.2
68 5.1 4.9 7.3

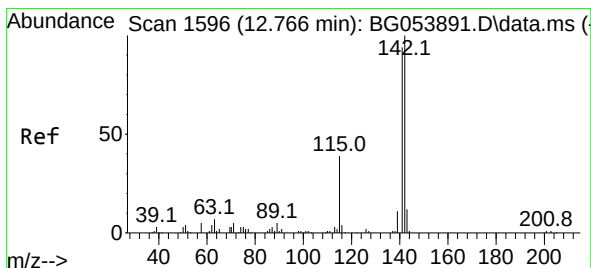
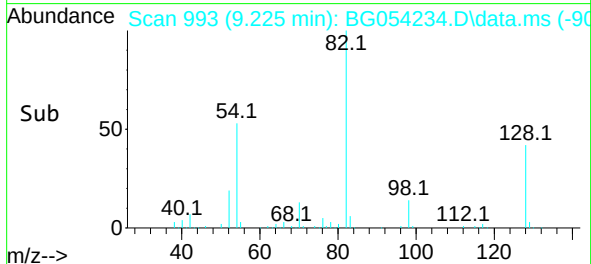
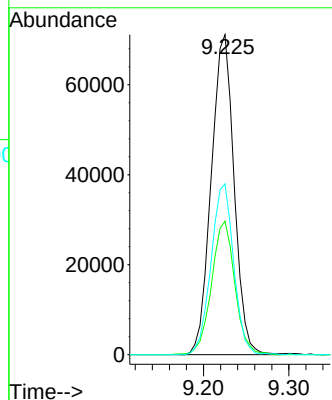
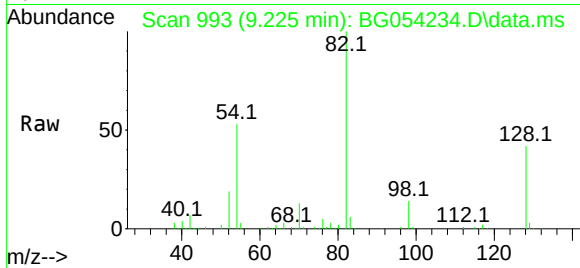




#23
 Nitrobenzene-d5
 Concen: 104.137 ng
 RT: 9.225 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG054234.D
 Acq: 7 Jul 2022 21:05

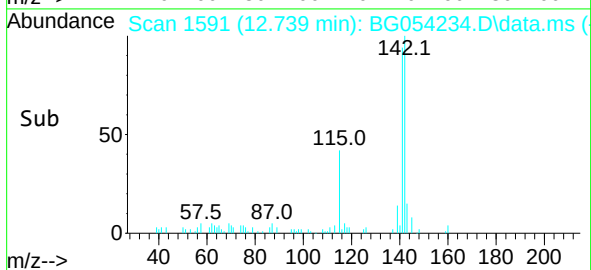
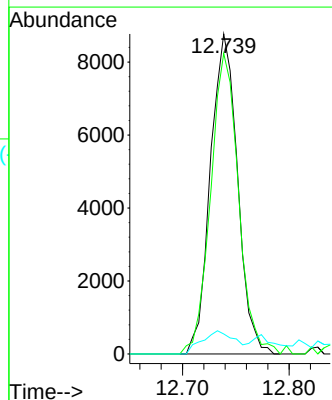
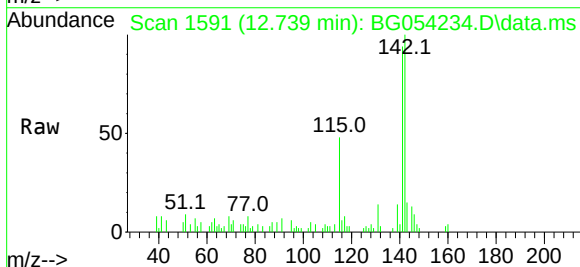
Instrument :
 BNA_G
 ClientSampleId :
 MW-2R

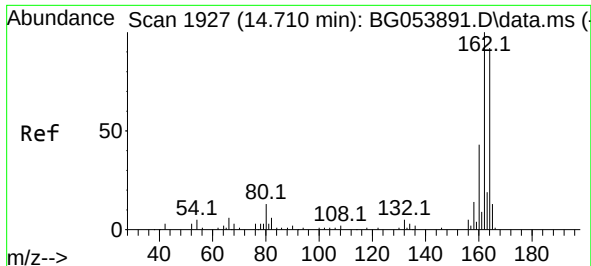
Tgt Ion: 82 Resp: 132354
 Ion Ratio Lower Upper
 82 100
 128 41.7 27.9 41.9
 54 53.4 41.2 61.8



#38
 1-Methylnaphthalene
 Concen: 5.956 ng
 RT: 12.739 min Scan# 1591
 Delta R.T. -0.009 min
 Lab File: BG054234.D
 Acq: 7 Jul 2022 21:05

Tgt Ion: 142 Resp: 15470
 Ion Ratio Lower Upper
 142 100
 141 93.9 76.4 114.6
 116 6.2 3.3 4.9

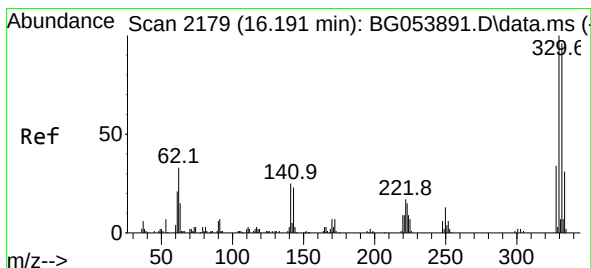
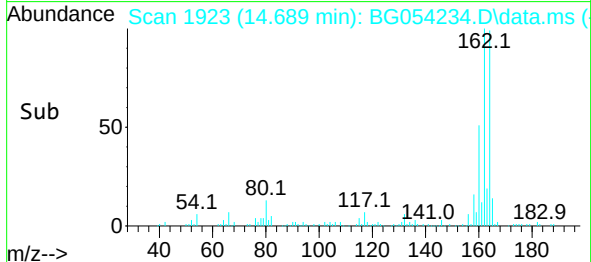
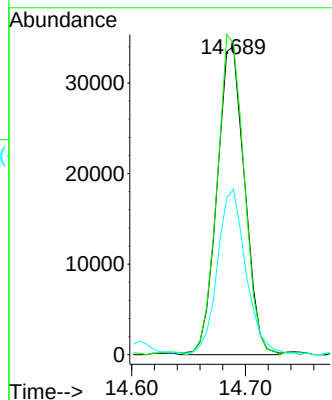
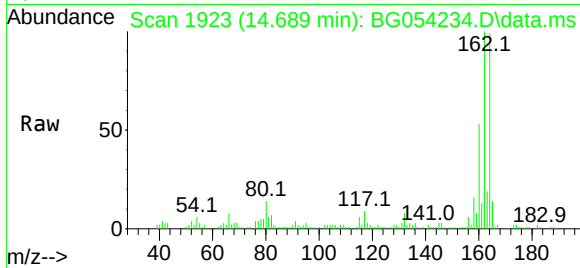




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.689 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

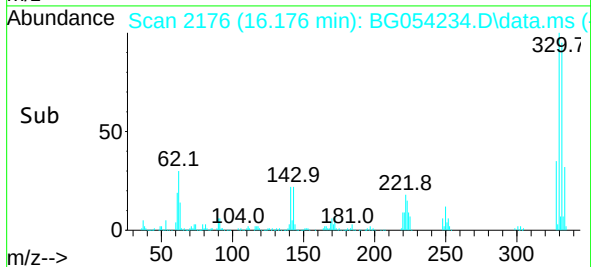
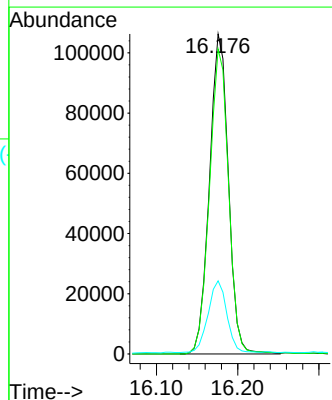
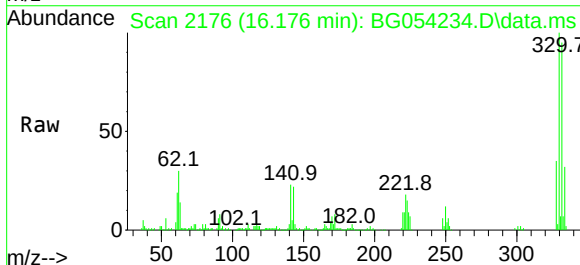
Instrument :
BNA_G
ClientSampleId :
MW-2R

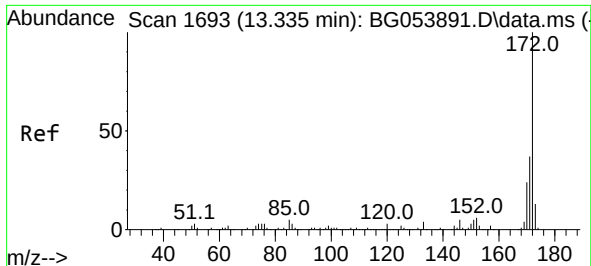
Tgt Ion:164 Resp: 57401
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 53.7 34.2 51.2#



#42
2,4,6-Tribromophenol
Concen: 186.470 ng
RT: 16.176 min Scan# 2176
Delta R.T. -0.009 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Tgt Ion:330 Resp: 171972
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 22.1 27.1 40.7#

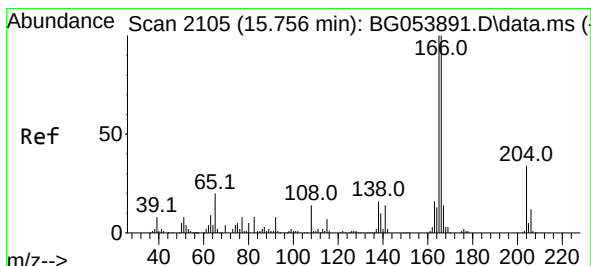
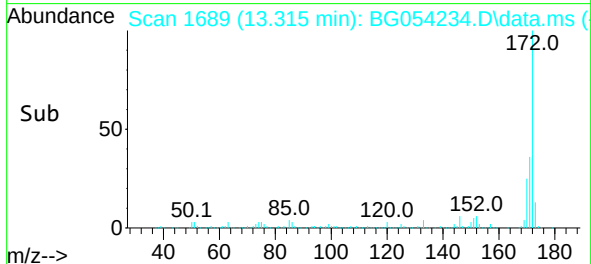
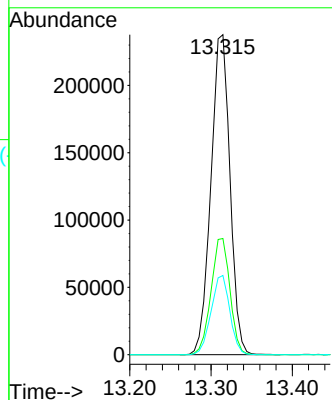
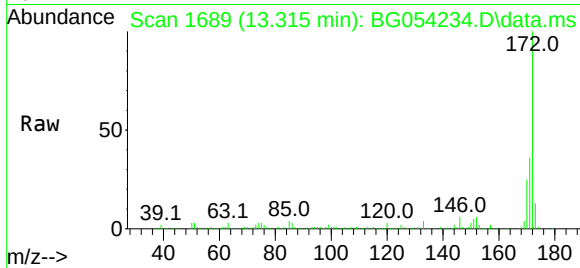




#45
2-Fluorobiphenyl
Concen: 98.095 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

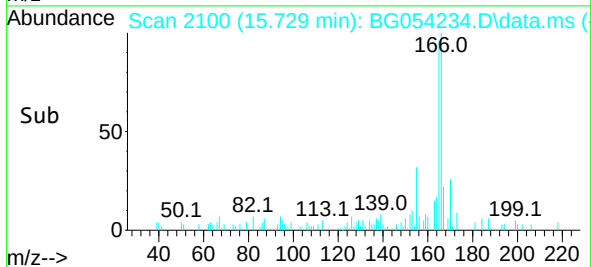
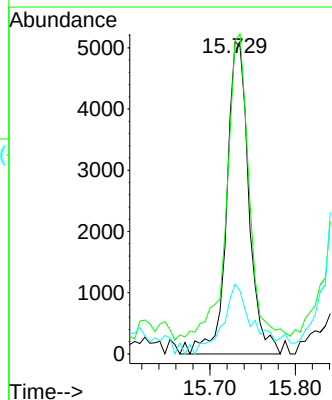
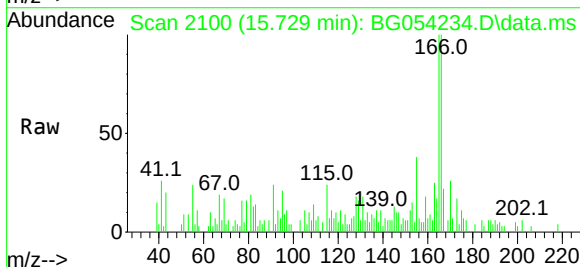
Instrument :
BNA_G
ClientSampleId :
MW-2R

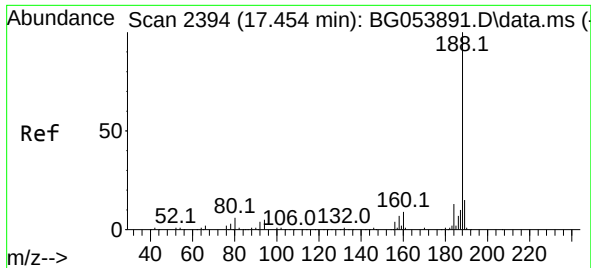
Tgt Ion:172 Resp: 387222
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.8 18.9 28.3



#58
Fluorene
Concen: 2.173 ng
RT: 15.729 min Scan# 2100
Delta R.T. -0.014 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Tgt Ion:166 Resp: 9221
Ion Ratio Lower Upper
166 100
165 100.4 75.0 112.6
167 22.3 10.8 16.2#

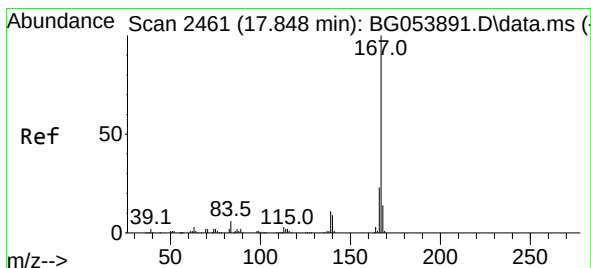
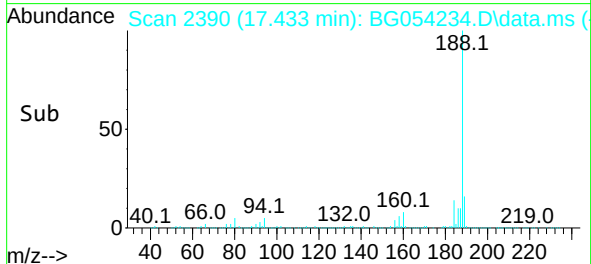
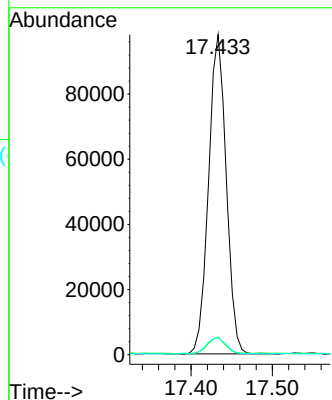
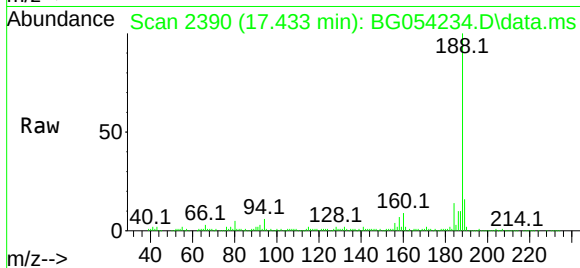




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

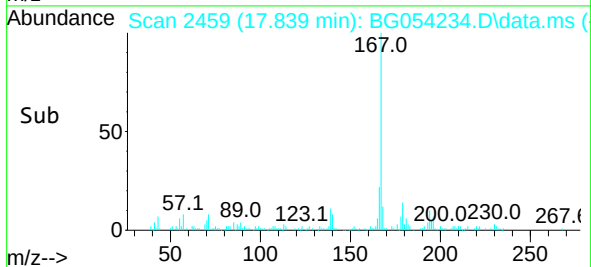
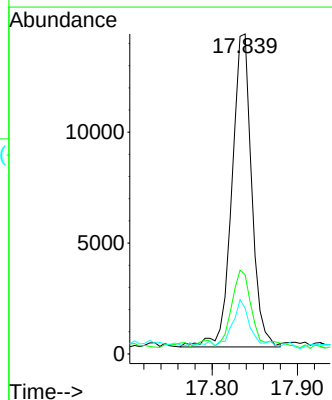
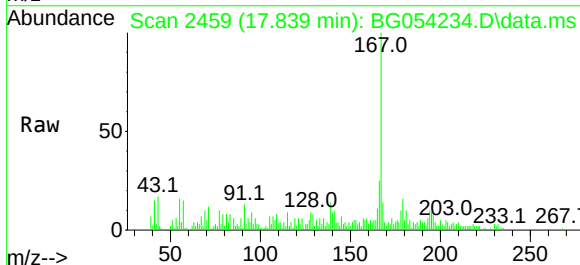
Instrument :
BNA_G
ClientSampleId :
MW-2R

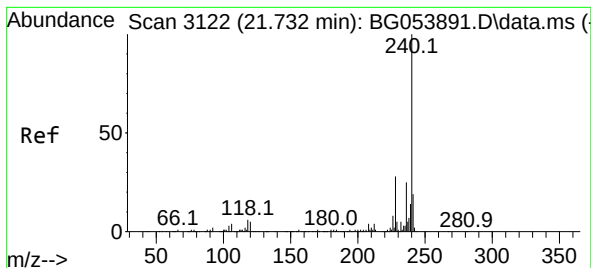
Tgt Ion:188 Resp: 147689
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 5.2 6.8 10.2#



#73
Carbazole
Concen: 3.571 ng
RT: 17.839 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Tgt Ion:167 Resp: 22710
Ion Ratio Lower Upper
167 100
166 24.7 18.2 27.2
139 14.3 10.1 15.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.705 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG054234.D

Acq: 7 Jul 2022 21:05

Instrument :

BNA_G

ClientSampleId :

MW-2R

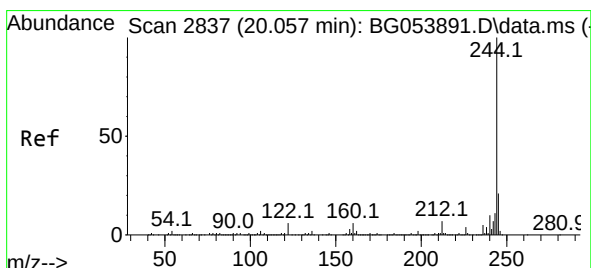
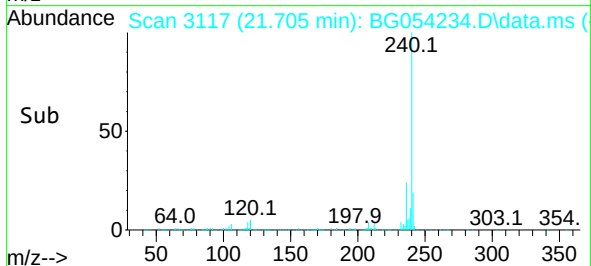
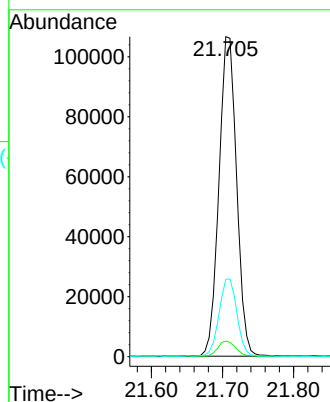
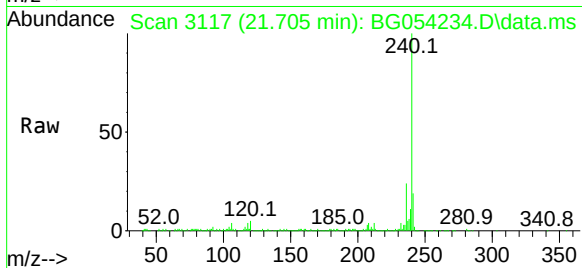
Tgt Ion:240 Resp: 183346

Ion Ratio Lower Upper

240 100

120 4.8 4.6 7.0

236 24.2 20.2 30.4



#79

Terphenyl-d14

Concen: 91.772 ng

RT: 20.042 min Scan# 2834

Delta R.T. -0.003 min

Lab File: BG054234.D

Acq: 7 Jul 2022 21:05

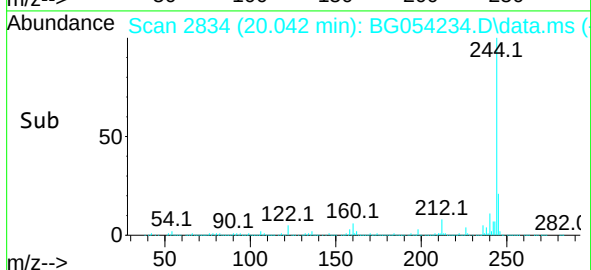
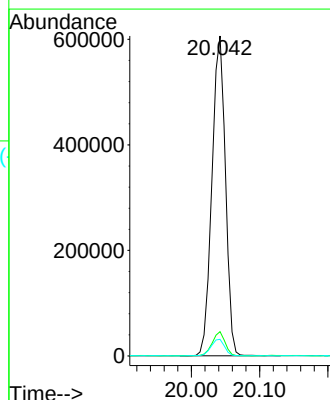
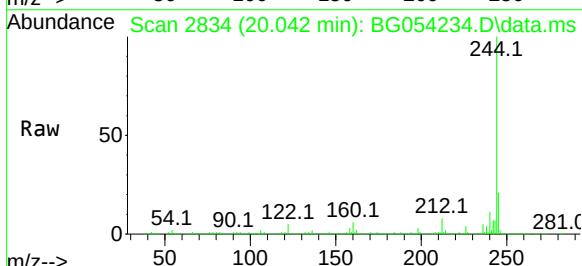
Tgt Ion:244 Resp: 835417

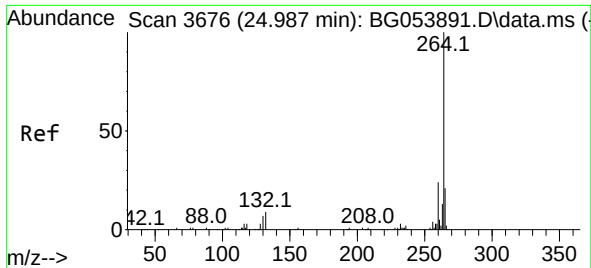
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 5.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.960 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG054234.D
Acq: 7 Jul 2022 21:05

Instrument :
BNA_G
ClientSampleId :
MW-2R

Tgt Ion:264 Resp: 193630

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.5	17.4	26.2

