

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054236.D
 Acq On : 7 Jul 2022 22:29
 Operator : CG/JU
 Sample : N3617-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Jul 08 03:18:13 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	8.061	152	17219	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	67936	20.000	ng	# 0.00
39) Acenaphthene-d10	14.688	164	54429	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	154924	20.000	ng	# 0.00
76) Chrysene-d12	21.704	240	189418	20.000	ng	-0.02
86) Perylene-d12	24.953	264	193938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	58902	65.402	ng	0.00
7) Phenol-d6	7.227	99	47148	38.590	ng	0.00
23) Nitrobenzene-d5	9.224	82	129877	107.433	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	182697	208.916	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	386003	103.125	ng	0.00
79) Terphenyl-d14	20.041	244	851985	90.592	ng	0.00

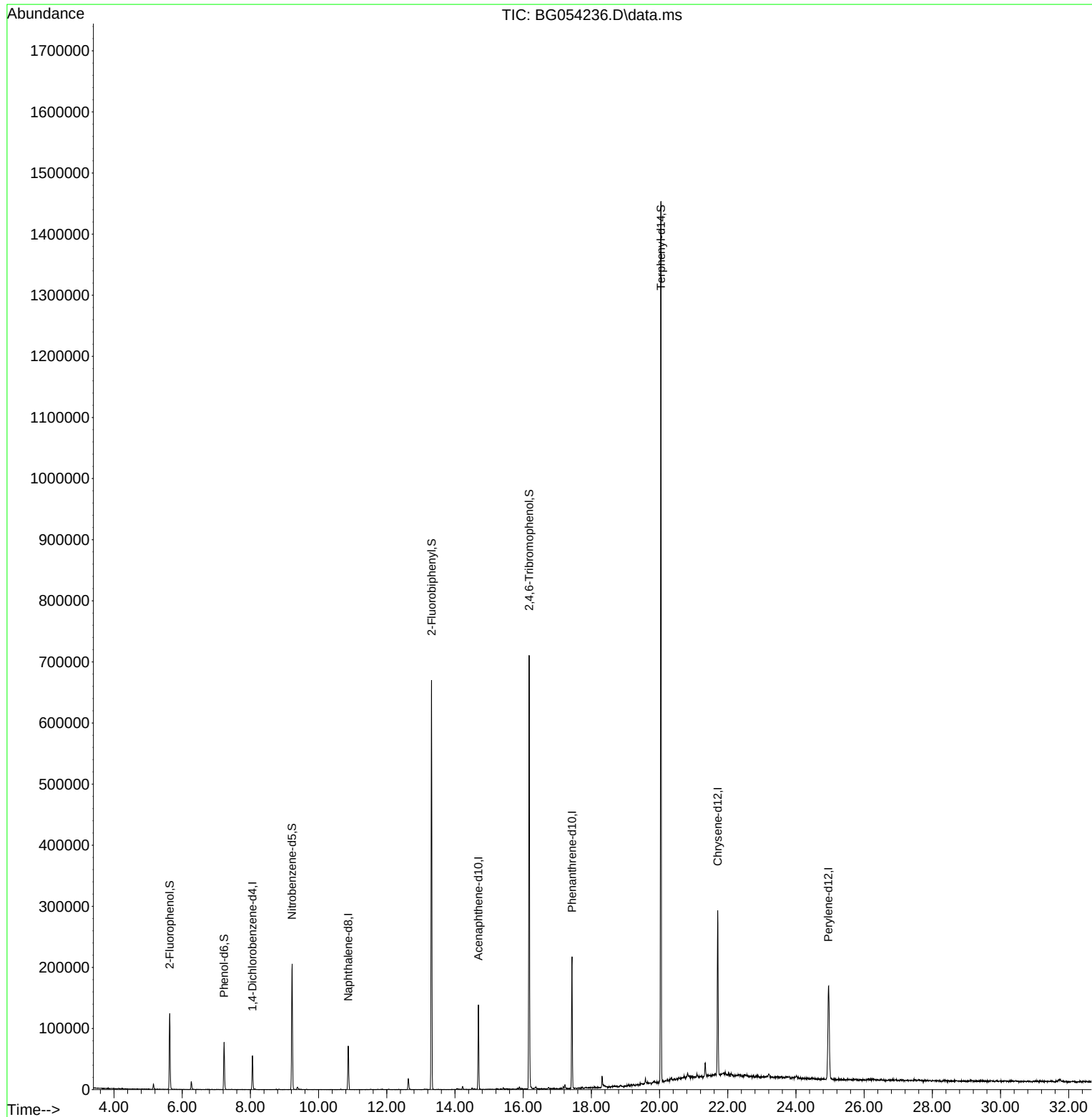
Target Compounds	Qvalue

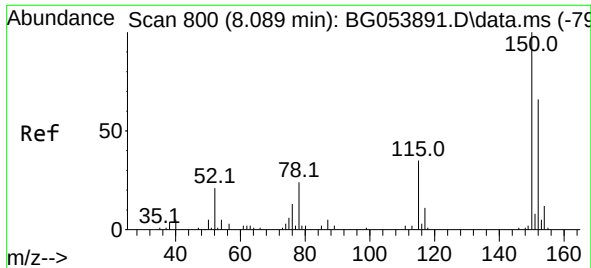
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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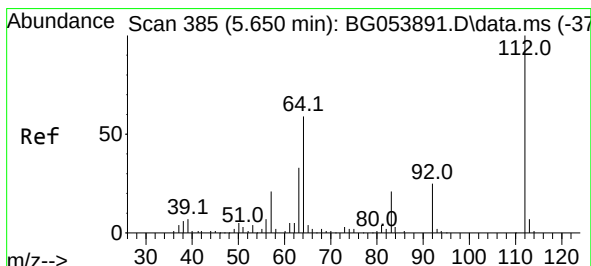
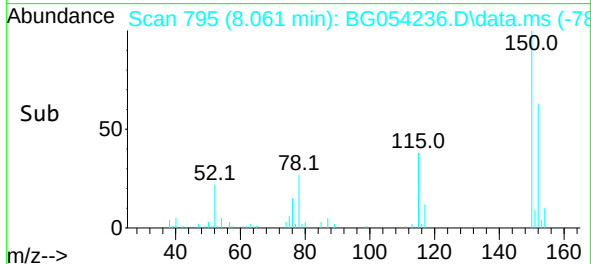
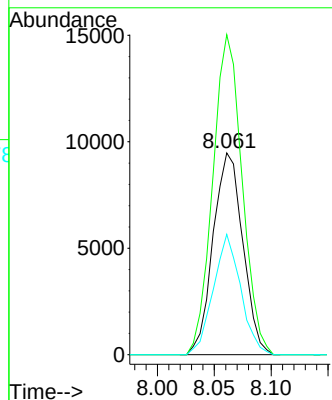
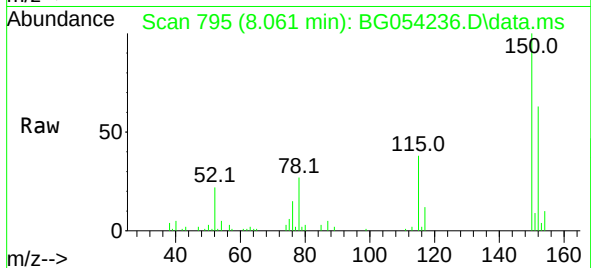




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 79
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

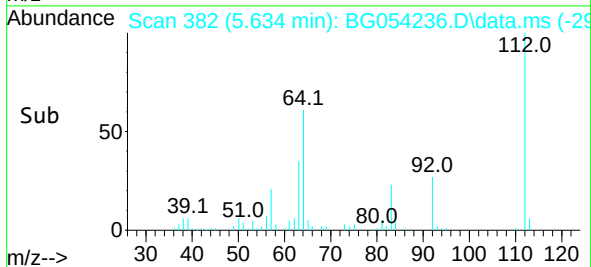
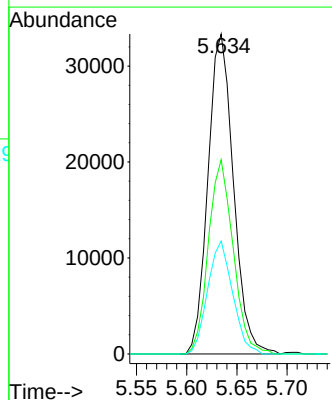
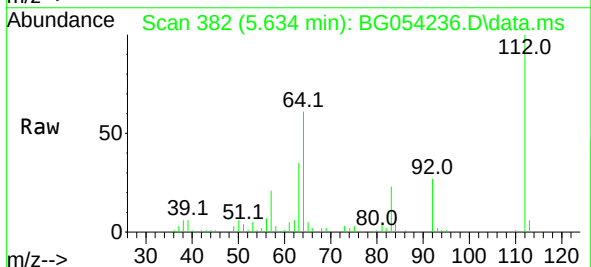
Instrument :
BNA_G
ClientSampleId :
MW-04

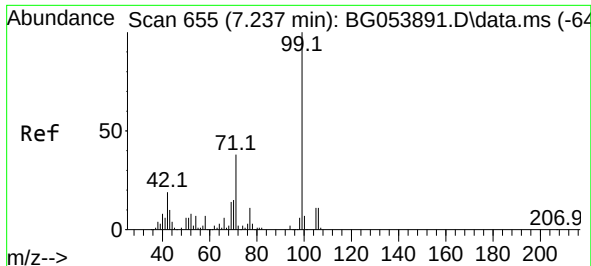
Tgt Ion:152 Resp: 17219
Ion Ratio Lower Upper
152 100
150 158.5 131.6 197.4
115 59.6 50.9 76.3



#5
2-Fluorophenol
Concen: 65.402 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:112 Resp: 58902
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 35.3 30.4 45.6

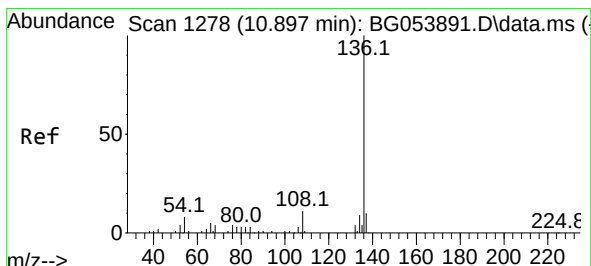
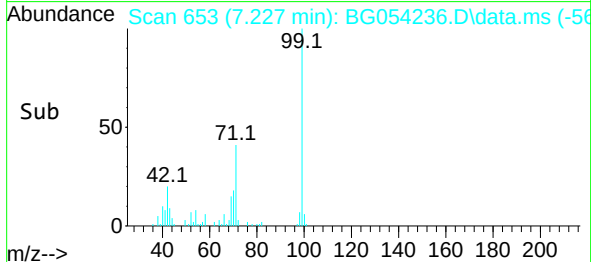
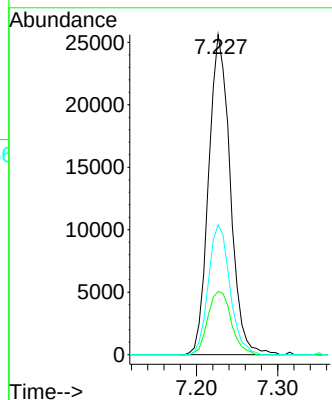
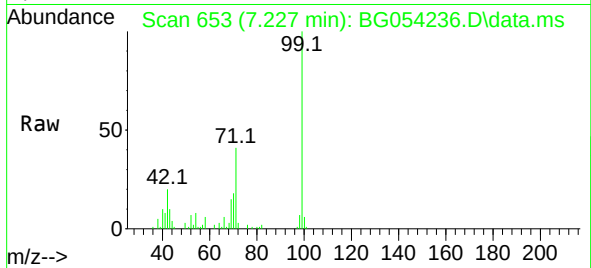




#7
Phenol-d6
Concen: 38.590 ng
RT: 7.227 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

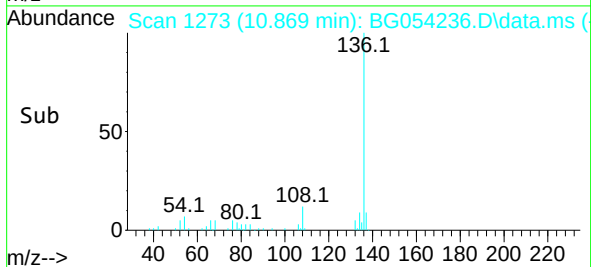
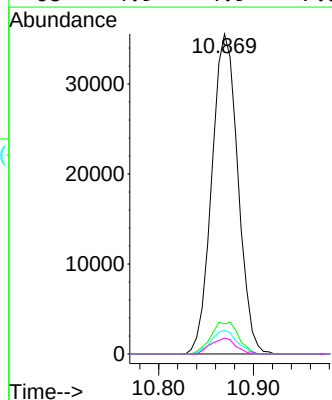
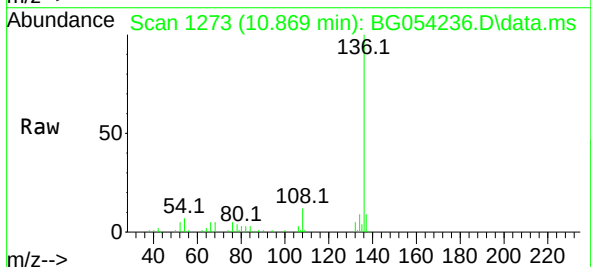
Instrument :
BNA_G
ClientSampleId :
MW-04

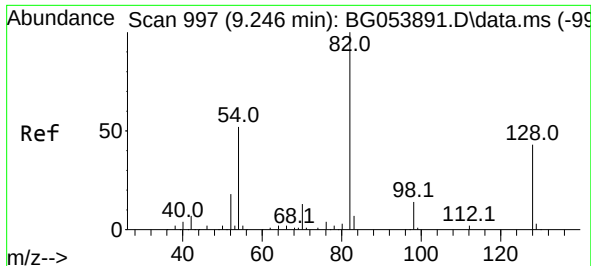
Tgt Ion: 99 Resp: 47148
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 40.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1273
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion: 136 Resp: 67936
Ion Ratio Lower Upper
136 100
137 9.4 8.5 12.7
54 7.4 7.4 11.2#
68 4.9 4.9 7.3

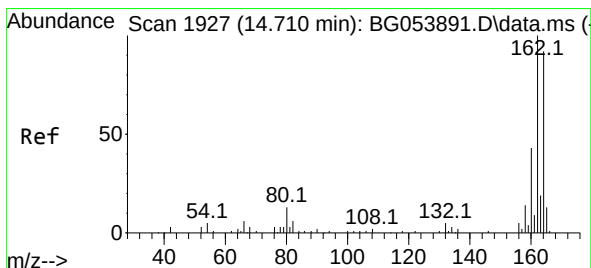
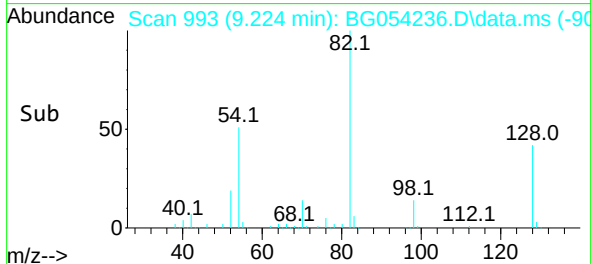
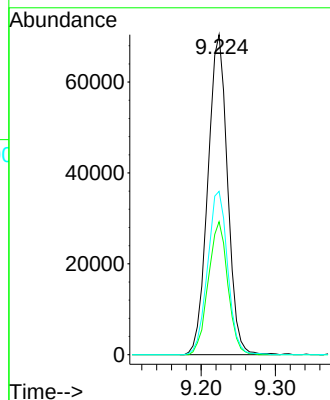
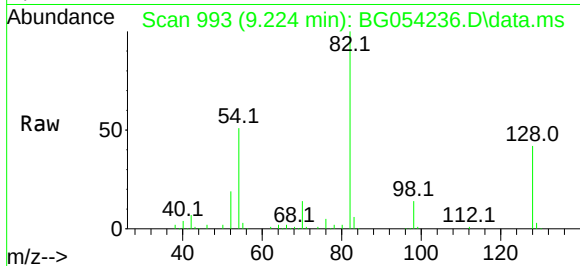




#23
Nitrobenzene-d5
Concen: 107.433 ng
RT: 9.224 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

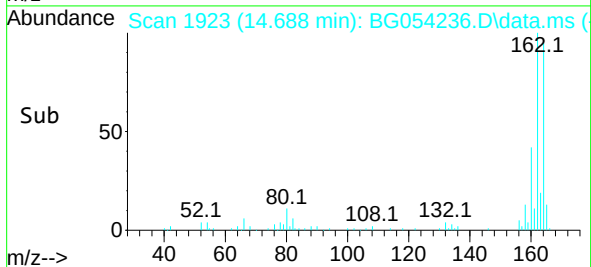
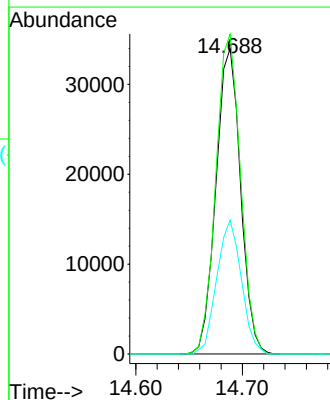
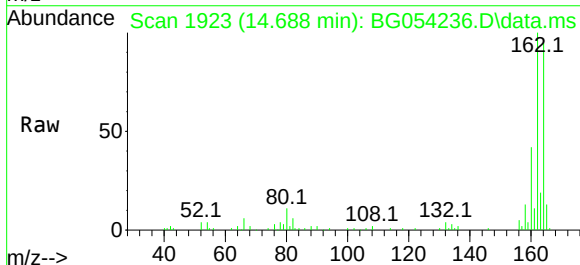
Instrument :
BNA_G
ClientSampleId :
MW-04

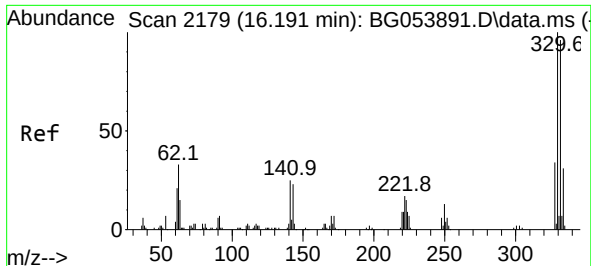
Tgt Ion: 82 Resp: 129877
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 51.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.688 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

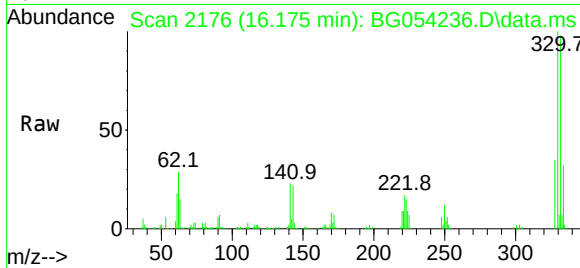
Tgt Ion: 164 Resp: 54429
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.9 34.2 51.2



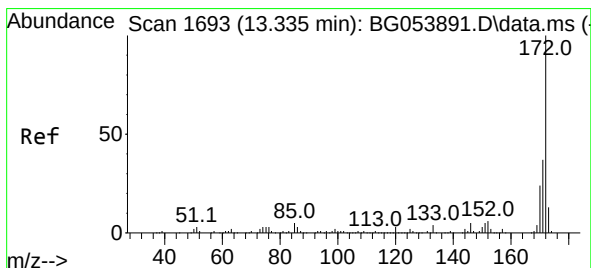
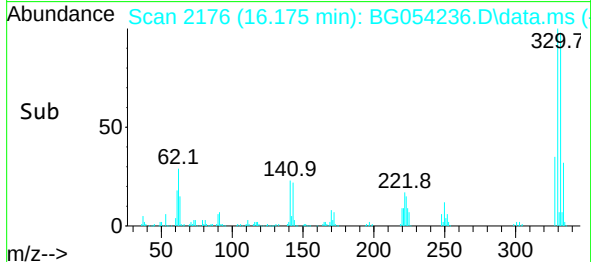
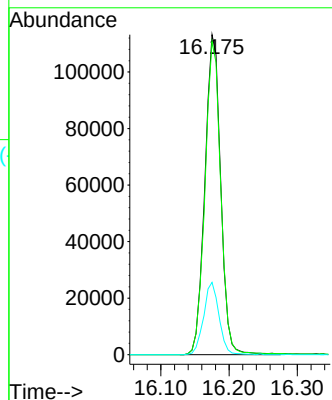


#42
2,4,6-Tribromophenol
Concen: 208.916 ng
RT: 16.175 min Scan# 2179
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Instrument :
BNA_G
ClientSampleId :
MW-04

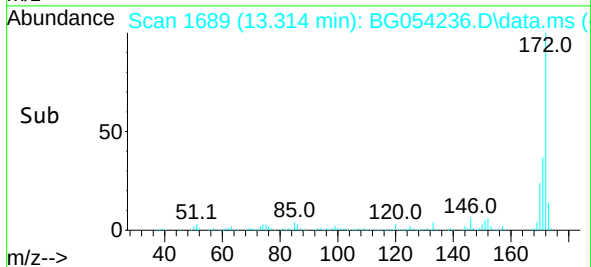
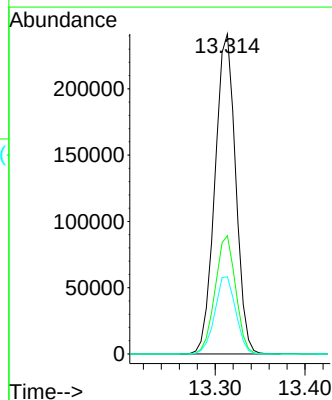
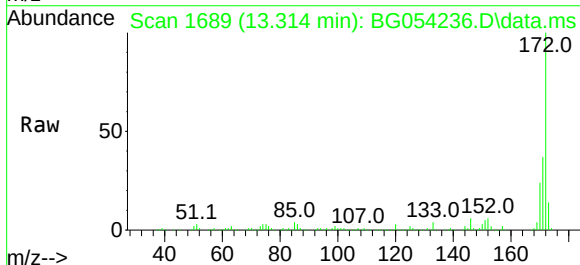


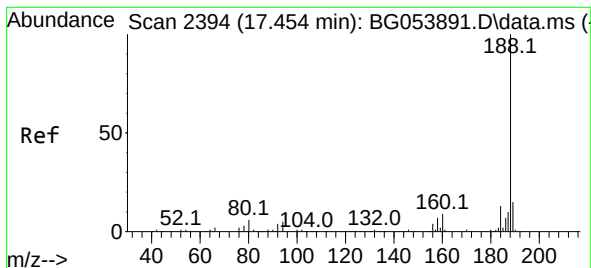
Tgt Ion:330 Resp: 182697
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 22.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 103.125 ng
RT: 13.314 min Scan# 1689
Delta R.T. -0.009 min
Lab File: BG054236.D
Acq: 7 Jul 2022 22:29

Tgt Ion:172 Resp: 386003
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.432 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

Instrument :

BNA_G

ClientSampleId :

MW-04

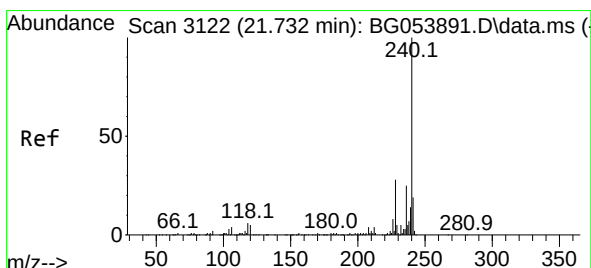
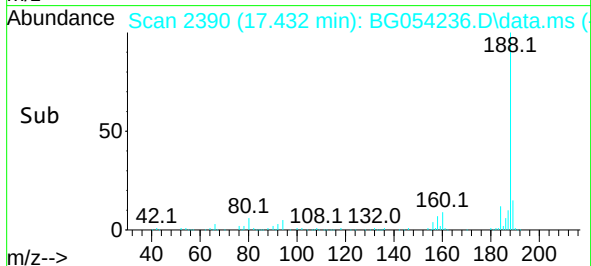
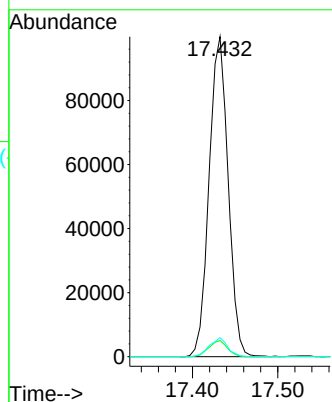
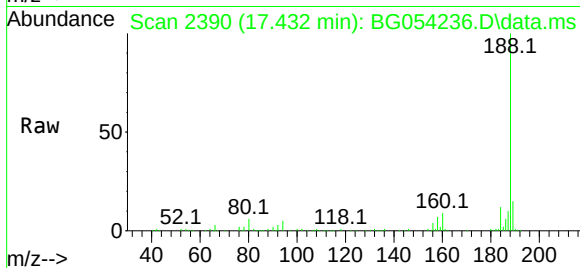
Tgt Ion:188 Resp: 154924

Ion Ratio Lower Upper

188 100

94 5.0 5.4 8.0#

80 5.9 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.704 min Scan# 3117

Delta R.T. -0.015 min

Lab File: BG054236.D

Acq: 7 Jul 2022 22:29

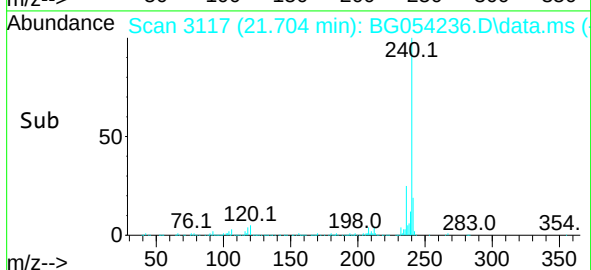
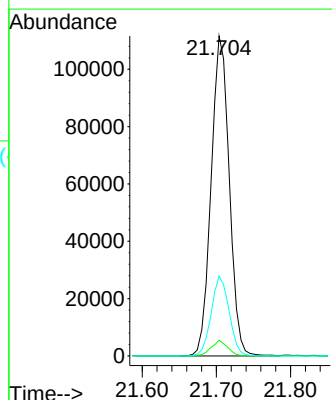
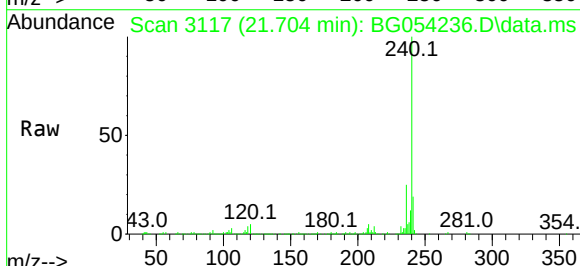
Tgt Ion:240 Resp: 189418

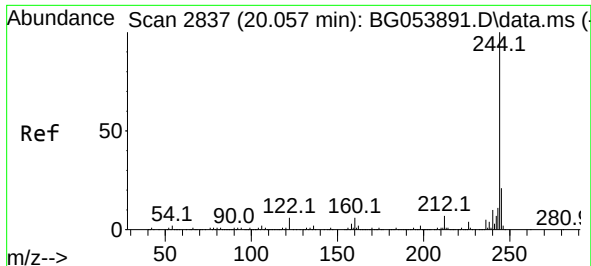
Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

236 25.0 20.2 30.4

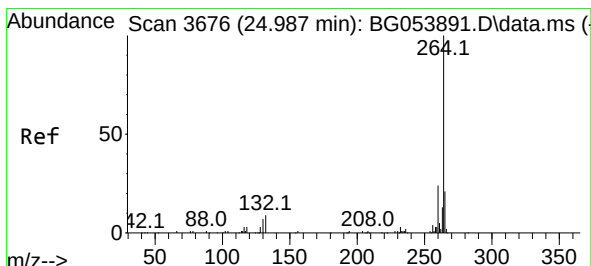
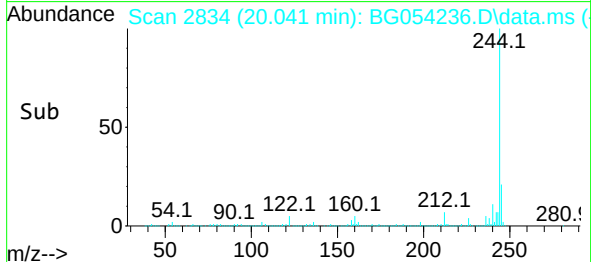
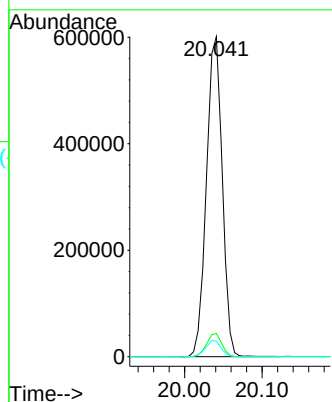
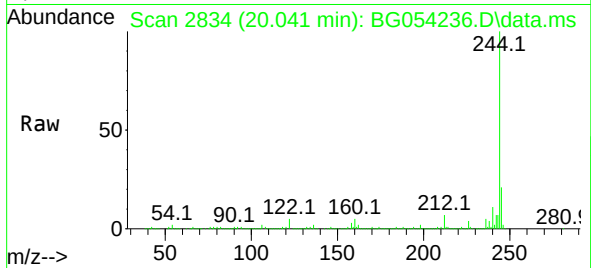




#79
 Terphenyl-d14
 Concen: 90.592 ng
 RT: 20.041 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054236.D
 Acq: 7 Jul 2022 22:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 851985
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.953 min Scan# 3670
 Delta R.T. -0.009 min
 Lab File: BG054236.D
 Acq: 7 Jul 2022 22:29

Tgt Ion:264 Resp: 193938
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 20.8 17.4 26.2

