

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054777.D
 Acq On : 29 Aug 2022 18:09
 Operator : CG/JU
 Sample : N4376-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-45

Quant Time: Aug 30 02:49:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	49090	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	201898	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	133156	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	307124	20.000	ng	0.00
76) Chrysene-d12	21.816	240	297831	20.000	ng	0.00
86) Perylene-d12	25.183	264	309226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	195165	69.231	ng	0.00
7) Phenol-d6	7.292	99	161623	41.922	ng	0.00
23) Nitrobenzene-d5	9.325	82	351194	91.316	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	238020	143.052	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	825302	93.157	ng	0.00
79) Terphenyl-d14	20.124	244	1306872	86.943	ng	0.00

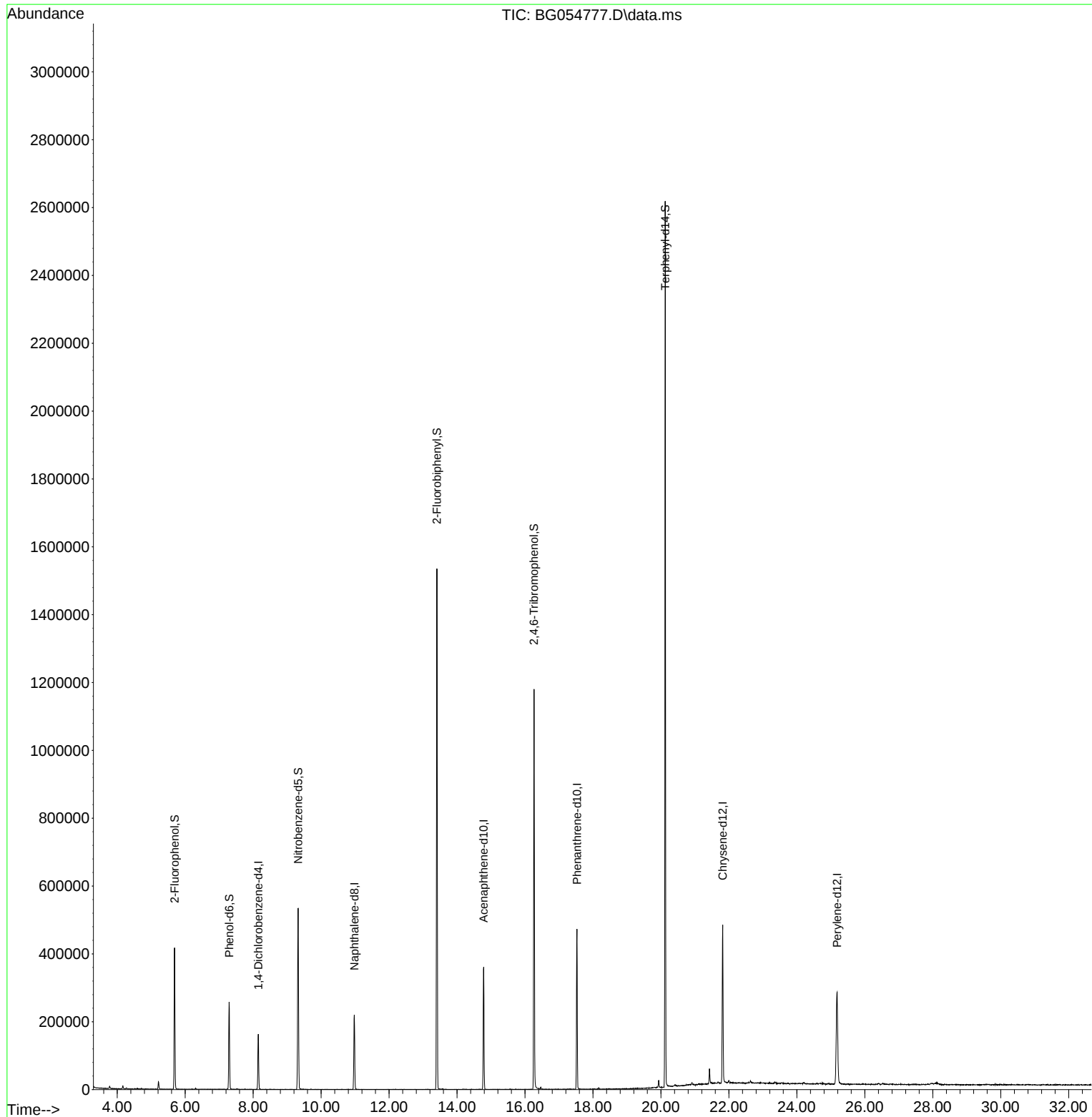
Target Compounds	Qvalue

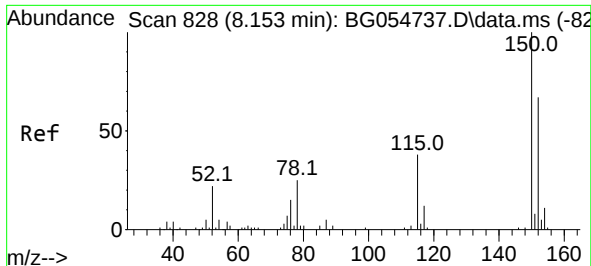
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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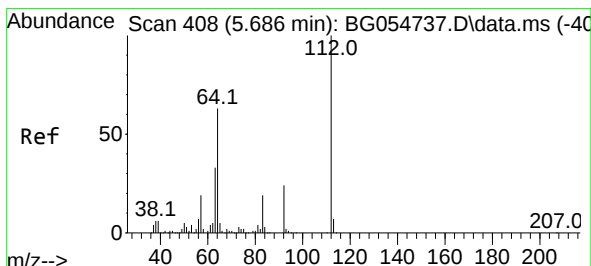
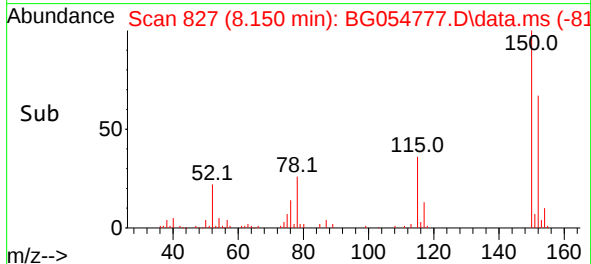
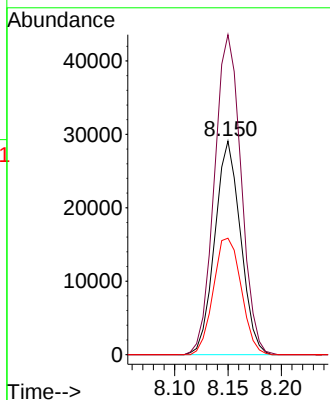
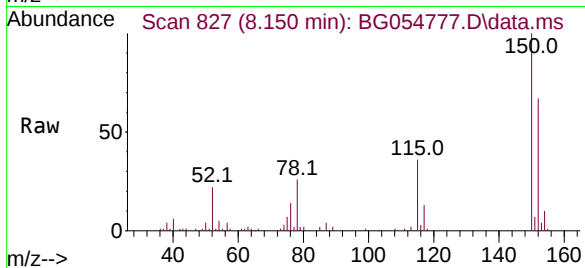




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.150 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054777.D
 Acq: 29 Aug 2022 18:09

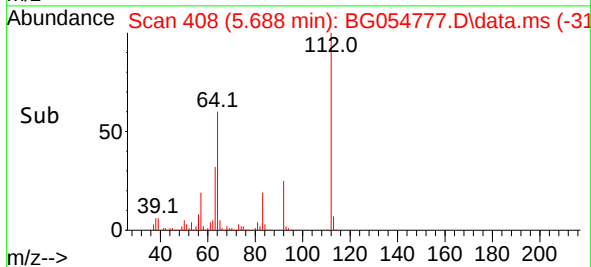
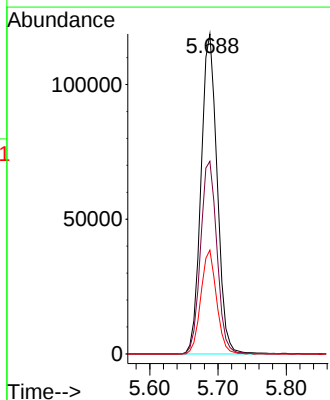
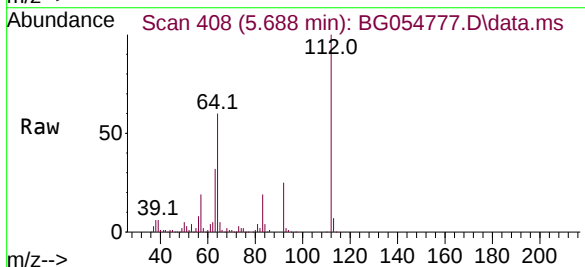
Instrument :
 BNA_G
 ClientSampleId :
 MW-45

Tgt Ion:152 Resp: 49090
 Ion Ratio Lower Upper
 152 100
 150 149.9 125.2 187.8
 115 54.5 47.9 71.9



#5
 2-Fluorophenol
 Concen: 69.231 ng
 RT: 5.688 min Scan# 408
 Delta R.T. 0.002 min
 Lab File: BG054777.D
 Acq: 29 Aug 2022 18:09

Tgt Ion:112 Resp: 195165
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.3 73.9
 63 32.4 26.3 39.5

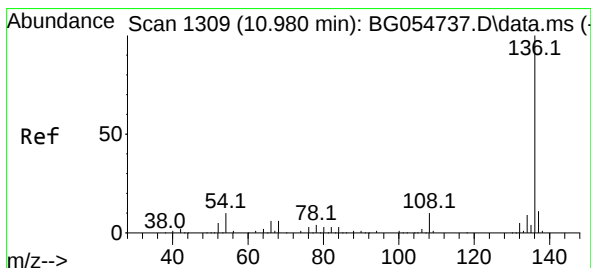
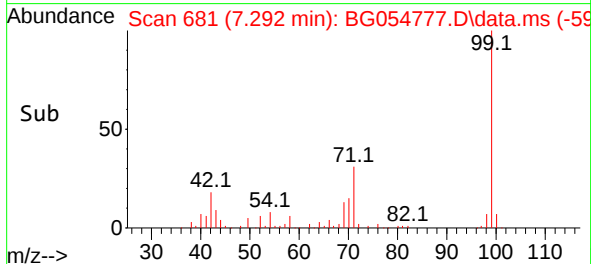
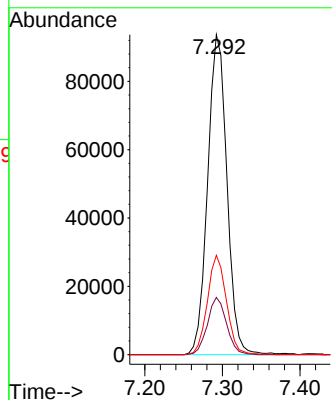
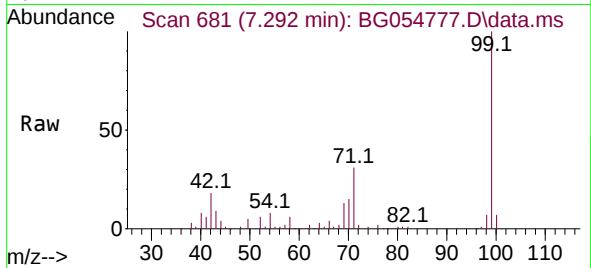




#7
Phenol-d6
Concen: 41.922 ng
RT: 7.292 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

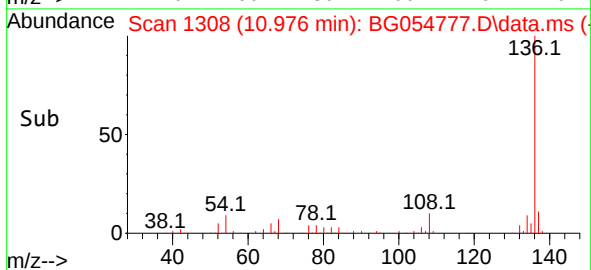
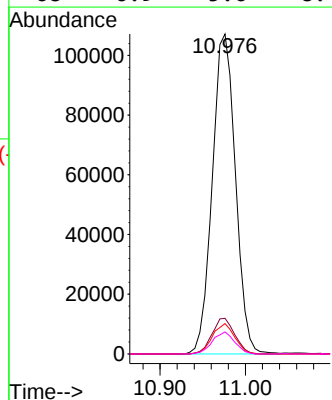
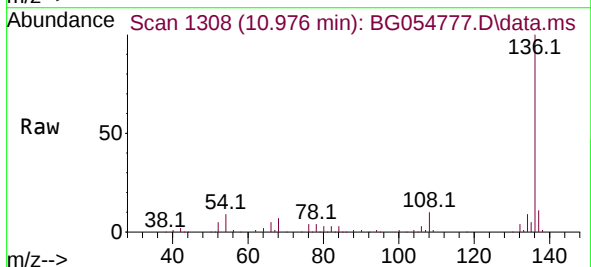
Instrument :
BNA_G
ClientSampleId :
MW-45

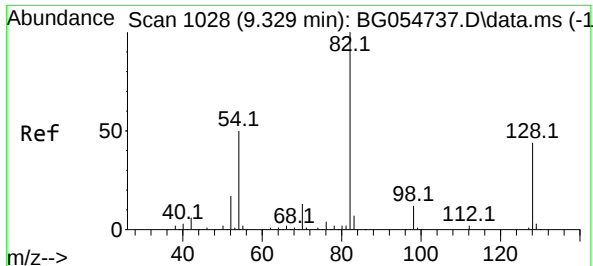
Tgt Ion: 99 Resp: 161623
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 31.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion: 136 Resp: 201898
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.5 7.7 11.5
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 91.316 ng

RT: 9.325 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054777.D

Acq: 29 Aug 2022 18:09

Instrument :

BNA_G

ClientSampleId :

MW-45

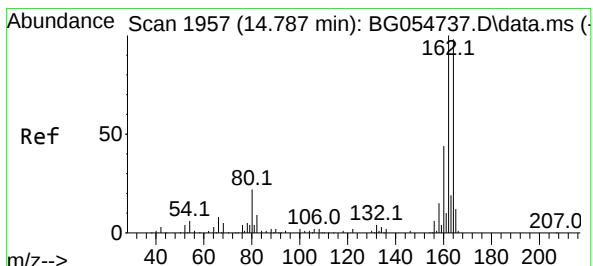
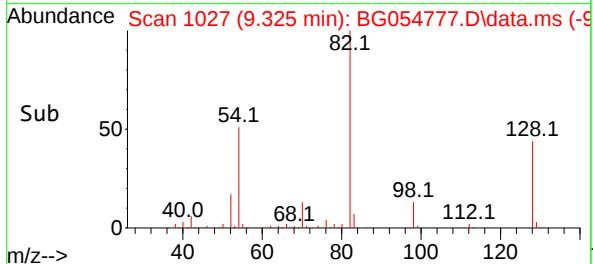
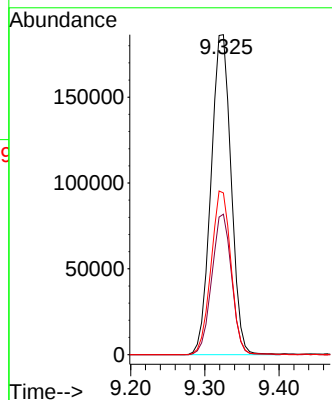
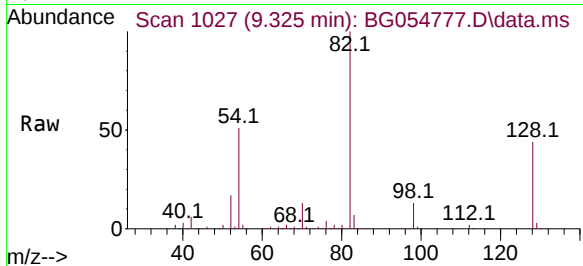
Tgt Ion: 82 Resp: 351194

Ion Ratio Lower Upper

82 100

128 43.9 32.2 48.2

54 50.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.783 min Scan# 1956

Delta R.T. -0.004 min

Lab File: BG054777.D

Acq: 29 Aug 2022 18:09

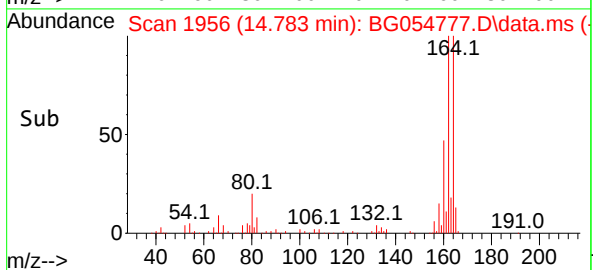
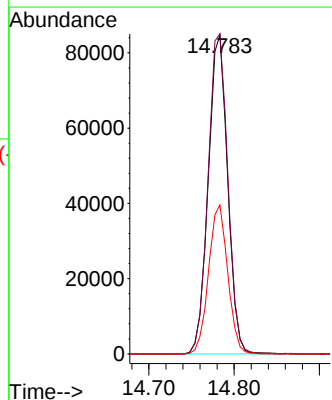
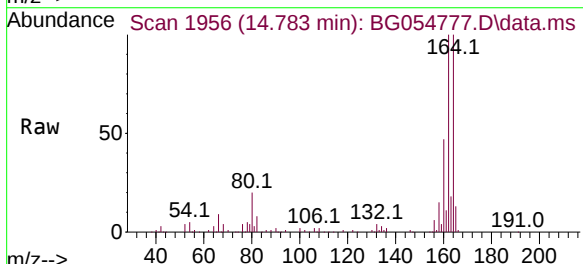
Tgt Ion:164 Resp: 133156

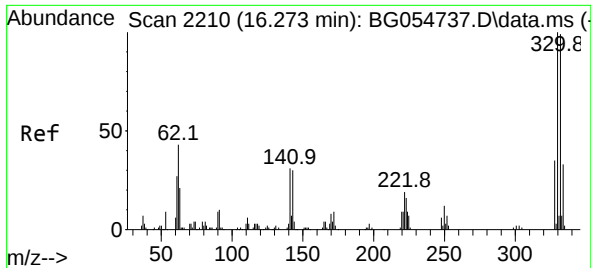
Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

160 46.7 38.0 57.0

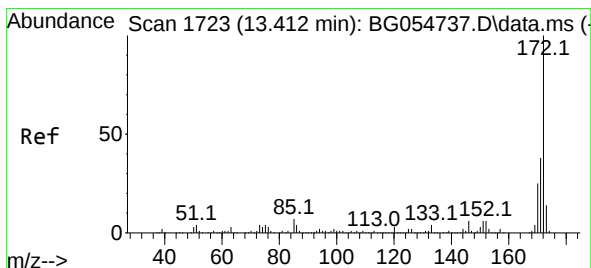
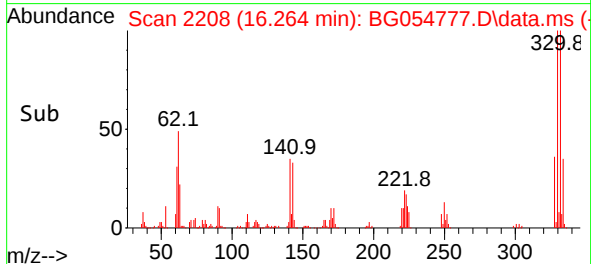
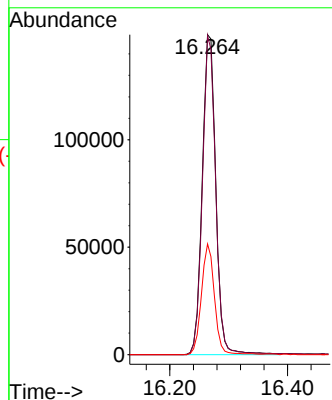
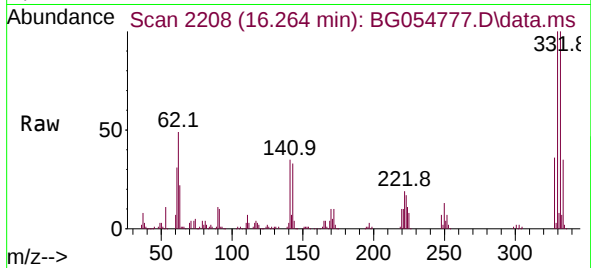




#42
2,4,6-Tribromophenol
Concen: 143.052 ng
RT: 16.264 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

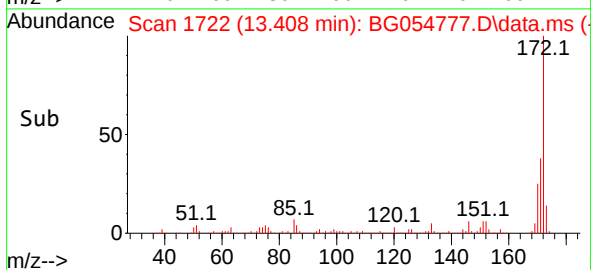
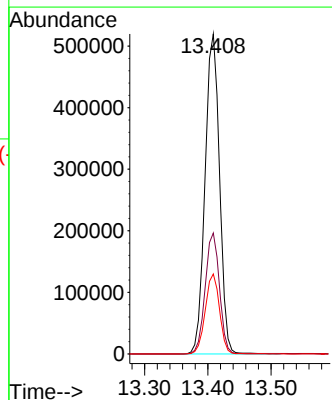
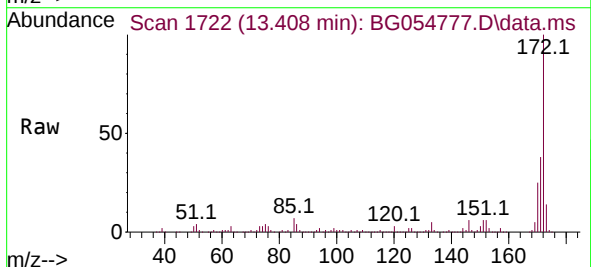
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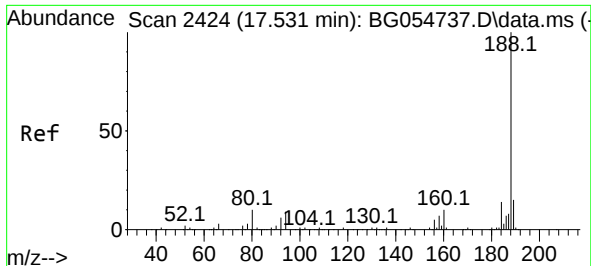
Tgt Ion:330 Resp: 238020
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 33.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 93.157 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:172 Resp: 825302
Ion Ratio Lower Upper
172 100
171 37.8 31.2 46.8
170 25.0 20.6 30.8

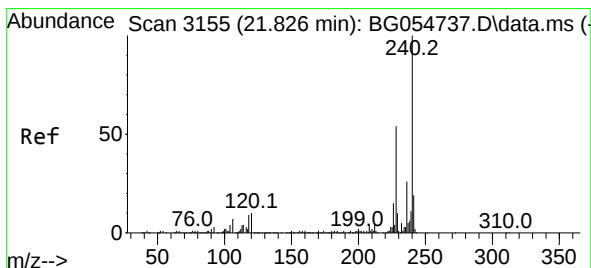
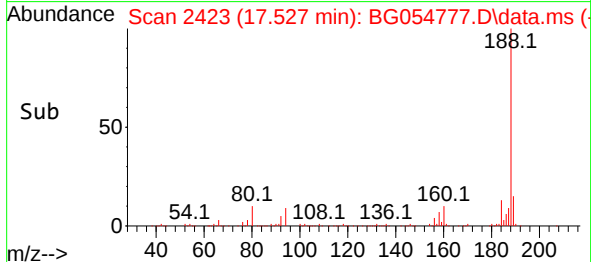
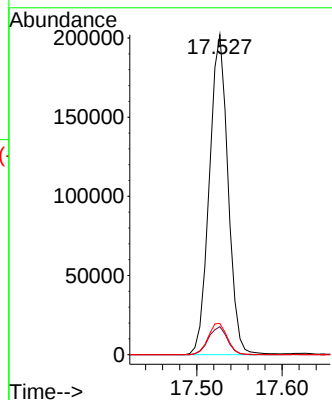
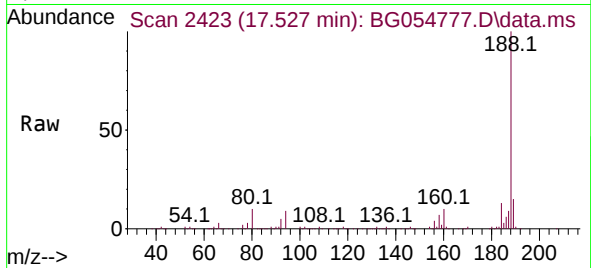




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

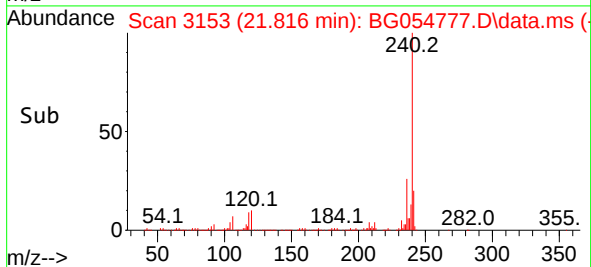
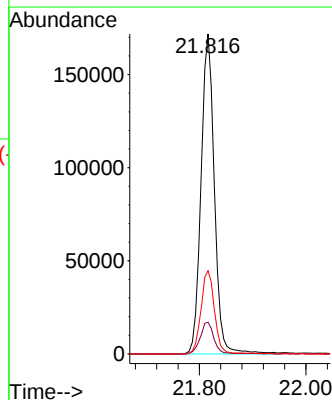
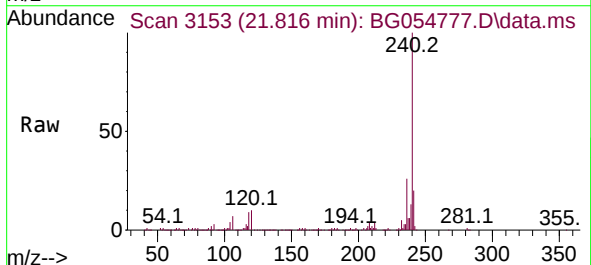
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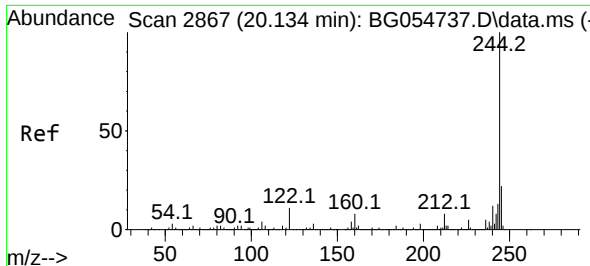
Tgt Ion:188 Resp: 307124
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054777.D
Acq: 29 Aug 2022 18:09

Tgt Ion:240 Resp: 297831
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.0 21.2 31.8

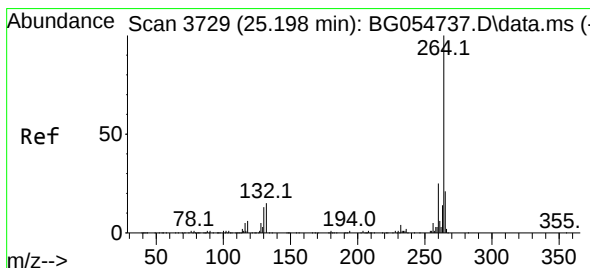
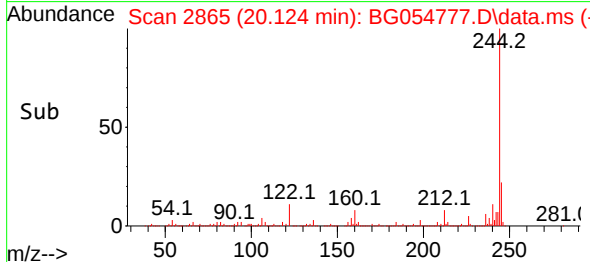
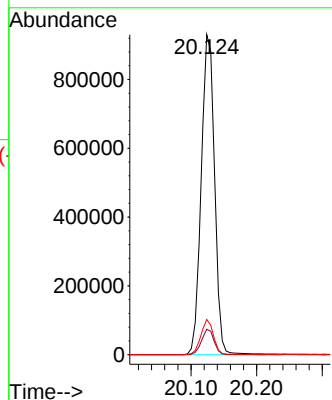
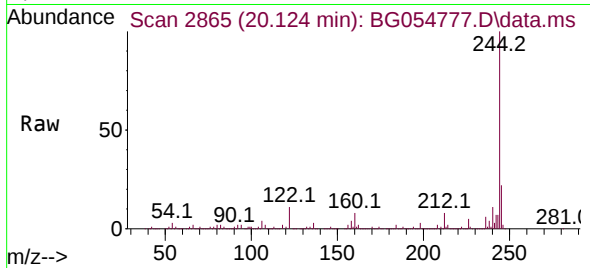




#79
 Terphenyl-d14
 Concen: 86.943 ng
 RT: 20.124 min Scan# 2867
 Delta R.T. -0.009 min
 Lab File: BG054777.D
 Acq: 29 Aug 2022 18:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-45

Tgt Ion:244 Resp: 1306872
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 11.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.183 min Scan# 3726
 Delta R.T. -0.015 min
 Lab File: BG054777.D
 Acq: 29 Aug 2022 18:09

Tgt Ion:264 Resp: 309226
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 20.4 16.9 25.3

