

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054769.D
 Acq On : 29 Aug 2022 12:27
 Operator : CG/JU
 Sample : N4355-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-42RE

Quant Time: Aug 30 02:45:52 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)

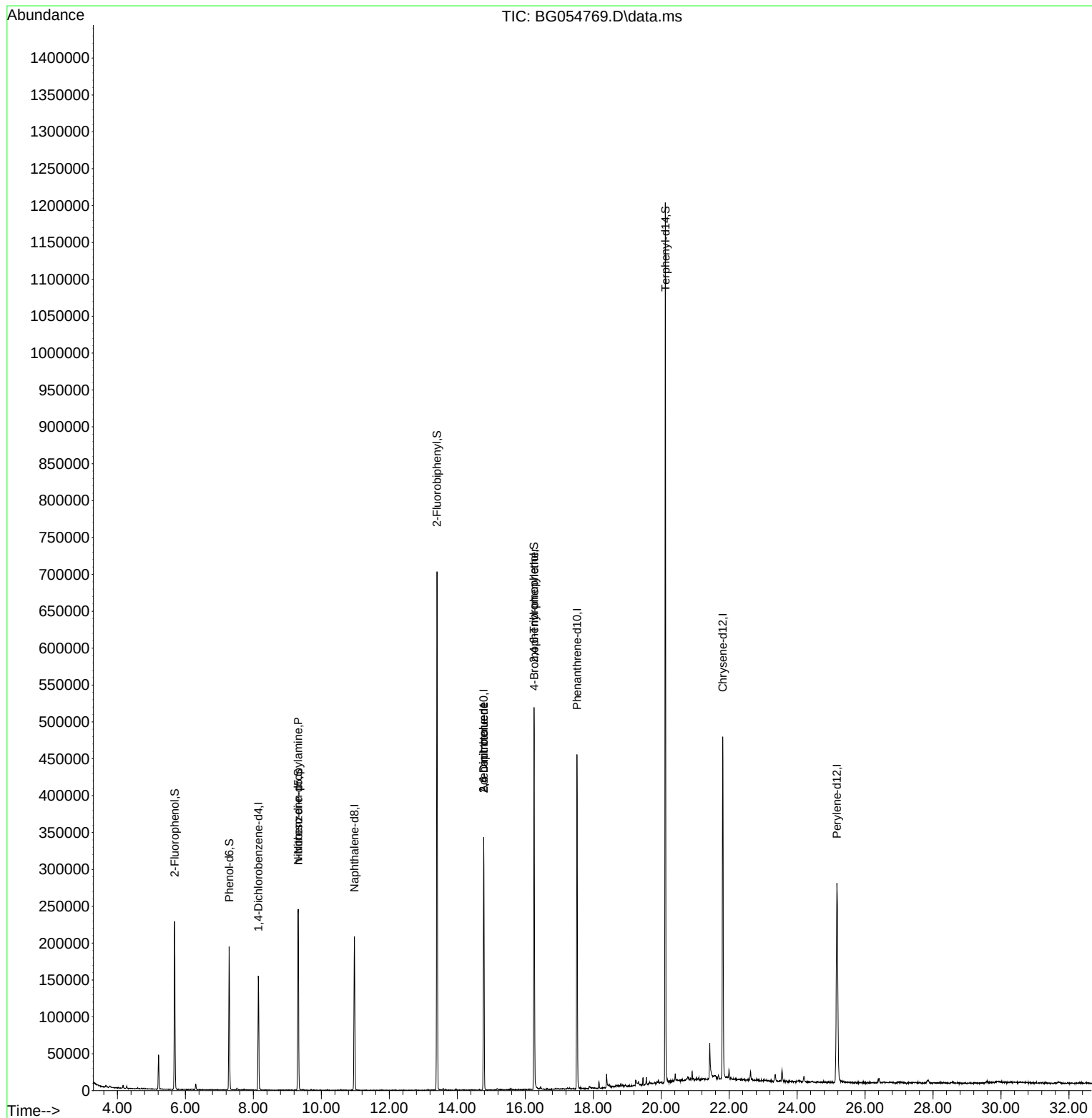
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	46244	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	185743	20.000	ng	0.00
39) Acenaphthene-d10	14.779	164	123603	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	294446	20.000	ng	0.00
76) Chrysene-d12	21.812	240	293067	20.000	ng	-0.01
86) Perylene-d12	25.173	264	307745	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	107077	40.321	ng	0.00
7) Phenol-d6	7.288	99	120213	33.100	ng	0.00
23) Nitrobenzene-d5	9.321	82	157393	44.484	ng	0.00
42) 2,4,6-Tribromophenol	16.260	330	109412	70.840	ng	-0.01
45) 2-Fluorobiphenyl	13.405	172	377475	45.901	ng	0.00
79) Terphenyl-d14	20.126	244	624555	42.225	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	19776	7.918	ng	# 84
51) 2,6-Dinitrotoluene	14.779	165	16246	8.341	ng	# 22
57) 2,4-Dinitrotoluene	14.779	165	16246	6.030	ng	# 20
67) 4-Bromophenyl-phenylether	16.266	248	7081	2.190	ng	# 1

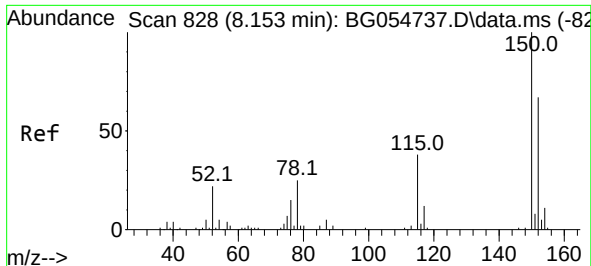
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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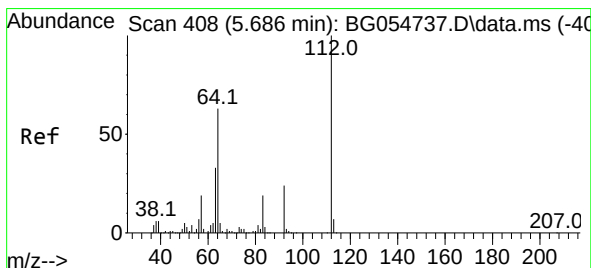
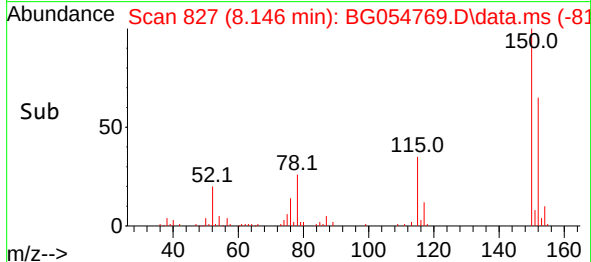
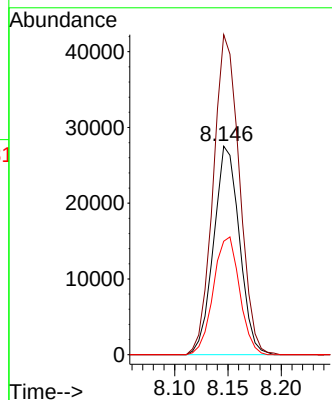
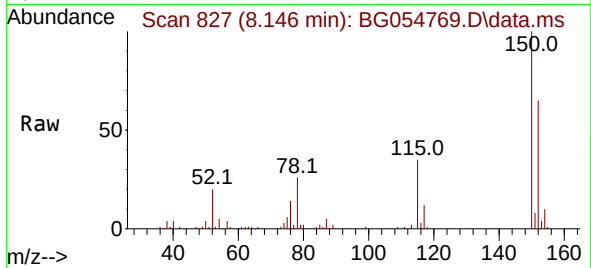




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

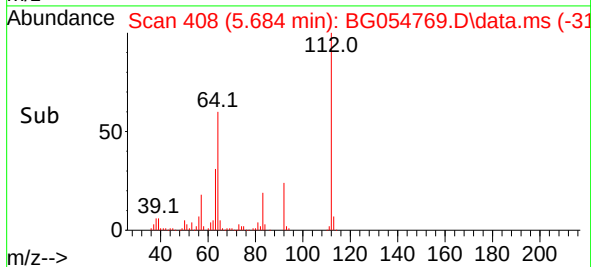
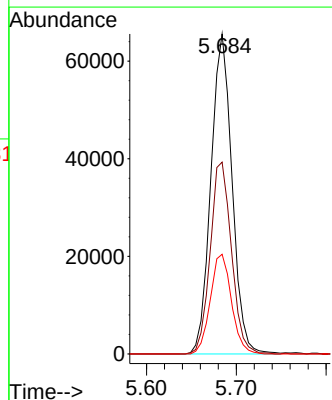
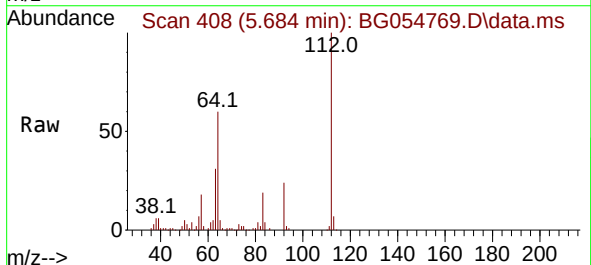
Instrument :
BNA_G
ClientSampleId :
MW-42RE

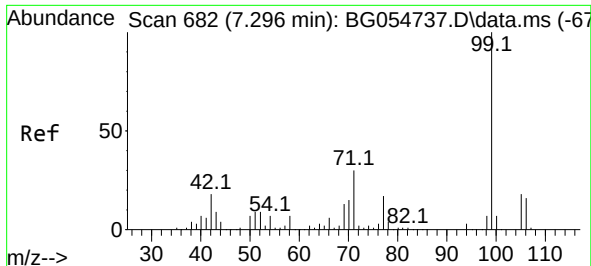
Tgt Ion:152 Resp: 46244
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 54.4 47.9 71.9



#5
2-Fluorophenol
Concen: 40.321 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.002 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion:112 Resp: 107077
Ion Ratio Lower Upper
112 100
64 59.9 49.3 73.9
63 31.2 26.3 39.5

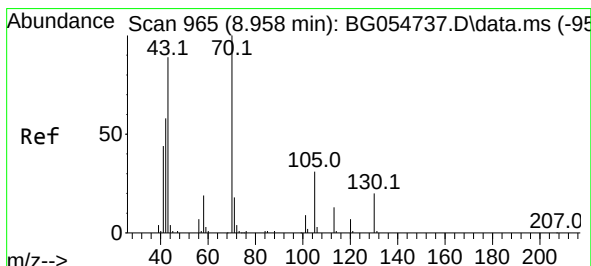
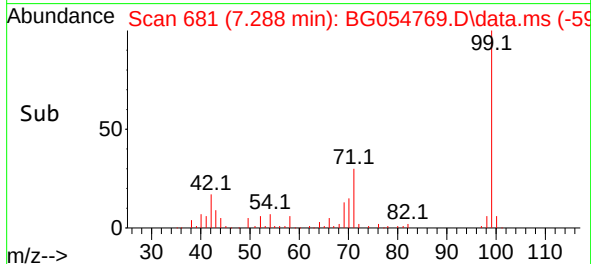
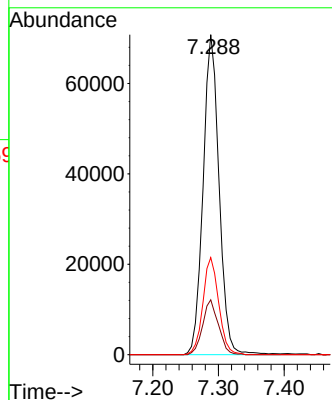
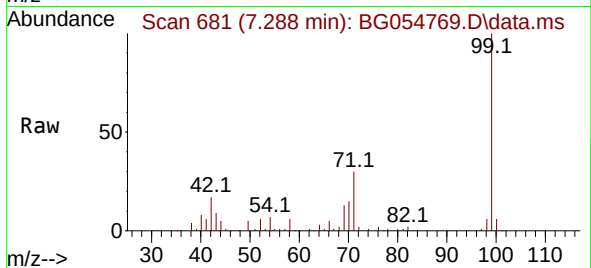




#7
Phenol-d6
Concen: 33.100 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

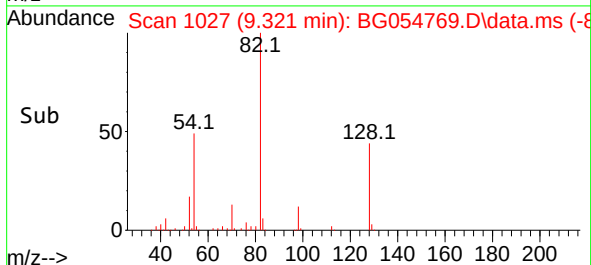
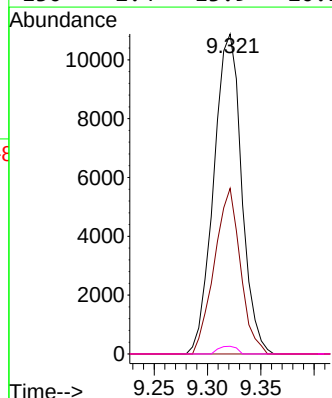
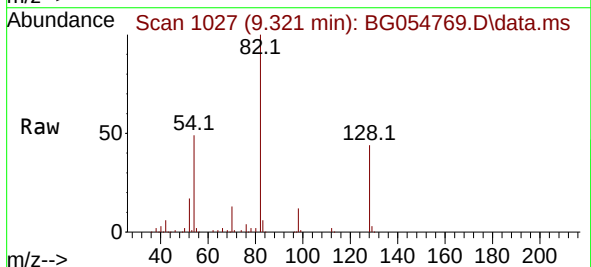
Instrument :
BNA_G
ClientSampleId :
MW-42RE

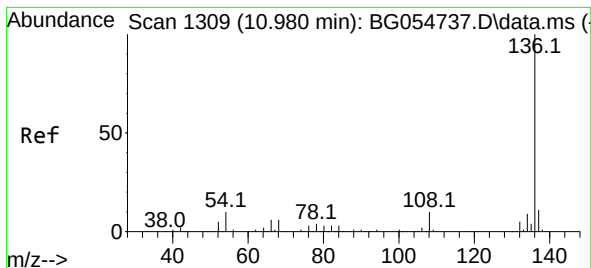
Tgt Ion: 99 Resp: 120213
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 30.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.918 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion: 70 Resp: 19776
Ion Ratio Lower Upper
70 100
42 51.8 46.6 69.8
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.972 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG054769.D

Acq: 29 Aug 2022 12:27

Instrument :

BNA_G

ClientSampleId :

MW-42RE

Tgt Ion:136 Resp: 185743

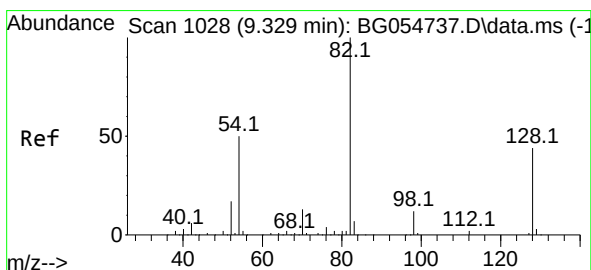
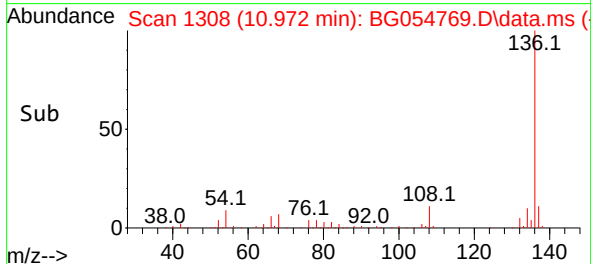
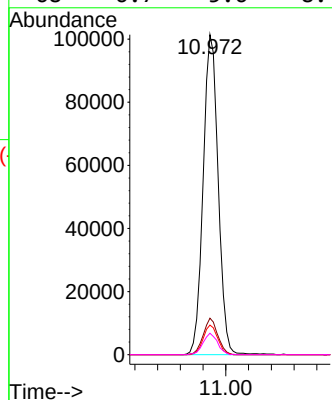
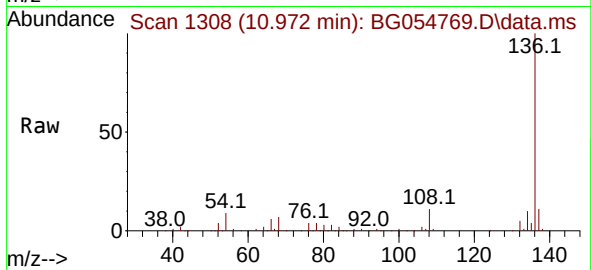
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 9.2 7.7 11.5

68 6.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 44.484 ng

RT: 9.321 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054769.D

Acq: 29 Aug 2022 12:27

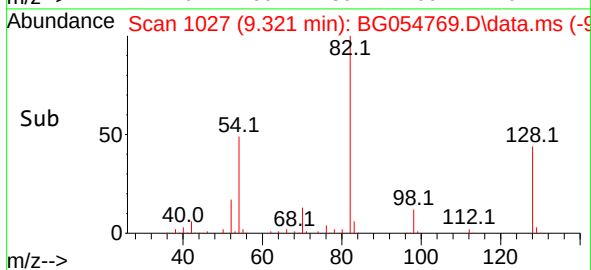
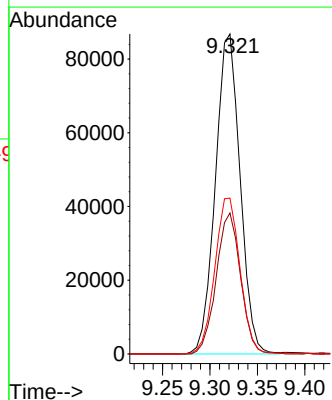
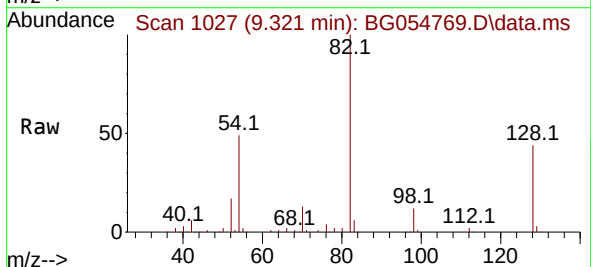
Tgt Ion: 82 Resp: 157393

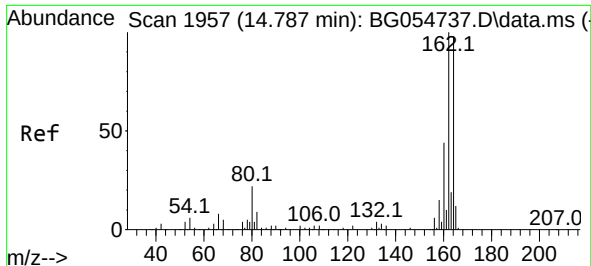
Ion Ratio Lower Upper

82 100

128 44.1 32.2 48.2

54 48.7 41.4 62.0

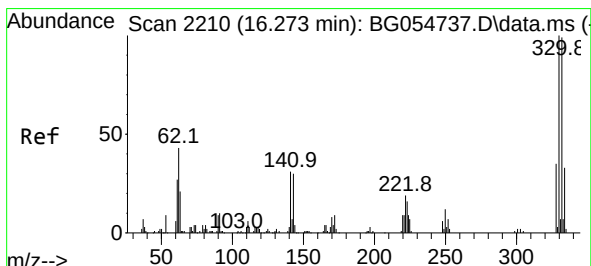
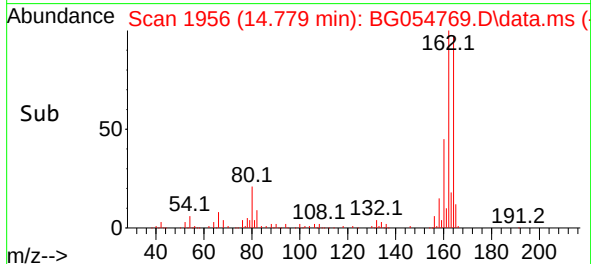
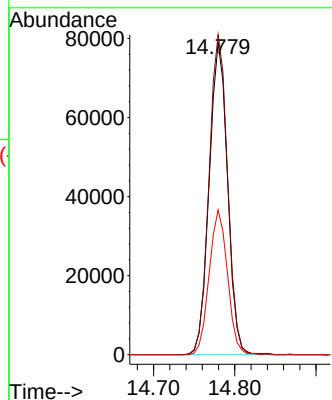
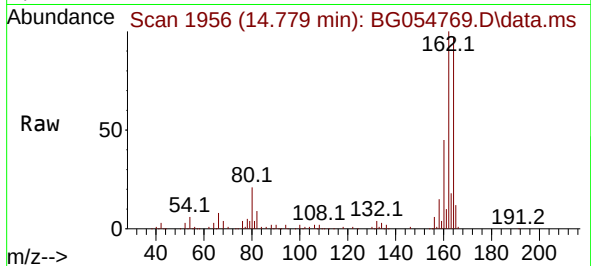




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.779 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

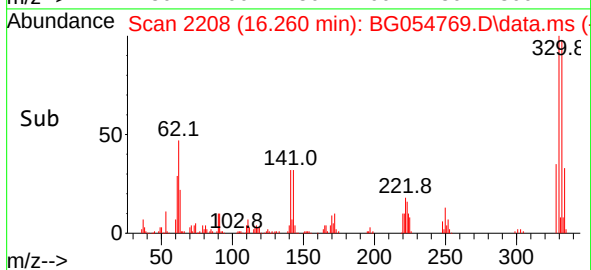
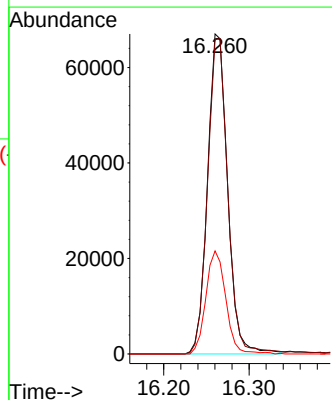
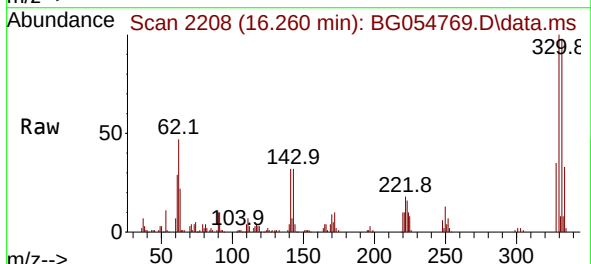
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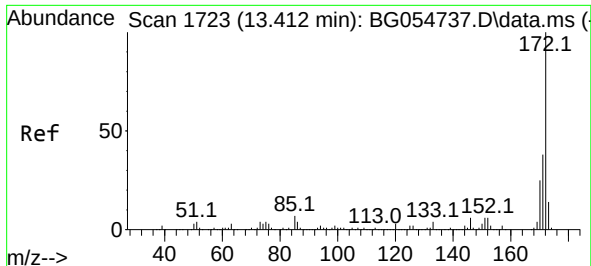
Tgt Ion:164 Resp: 123603
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 70.840 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.013 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion:330 Resp: 109412
Ion Ratio Lower Upper
330 100
332 99.1 79.8 119.6
141 32.0 26.8 40.2

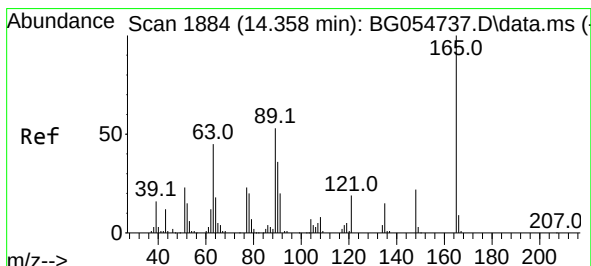
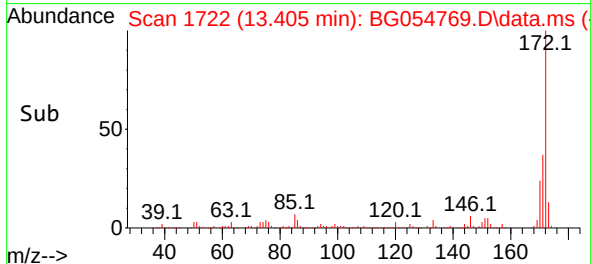
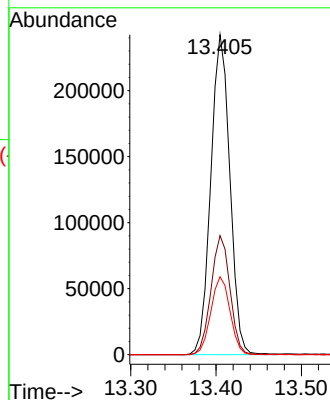
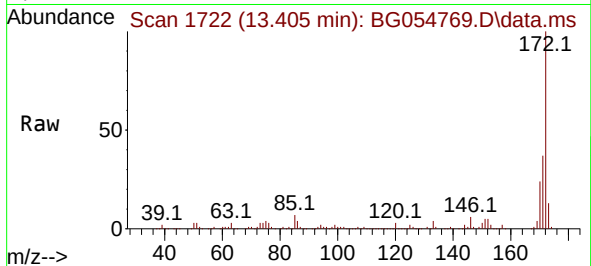




#45
2-Fluorobiphenyl
Concen: 45.901 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

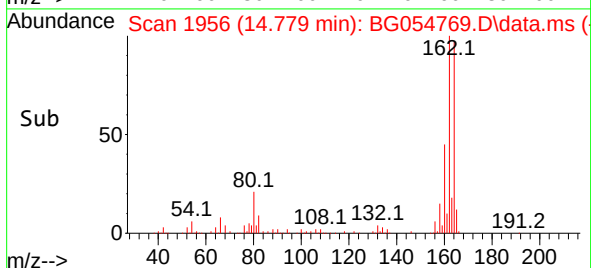
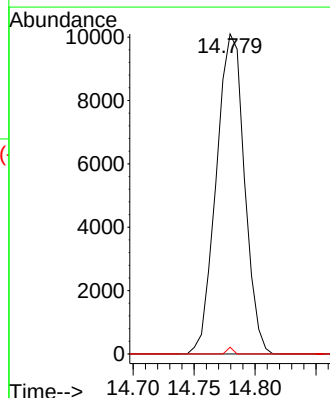
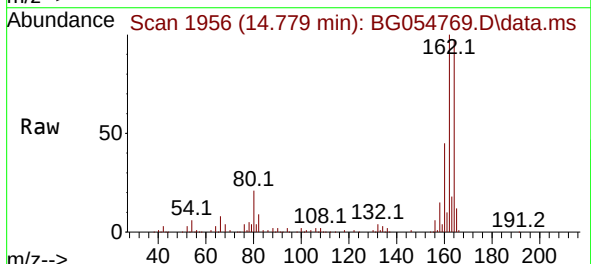
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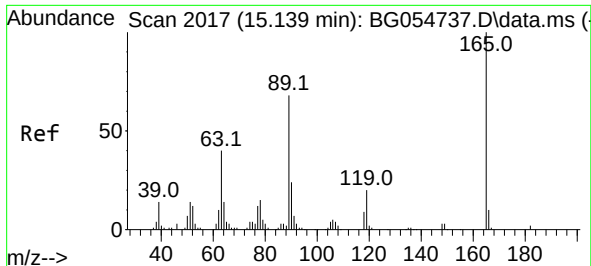
Tgt Ion:172 Resp: 377475
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.341 ng
RT: 14.779 min Scan# 1956
Delta R.T. 0.421 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion:165 Resp: 16246
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 2.1 50.3 75.5#

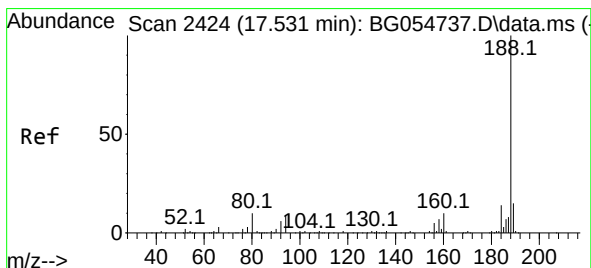
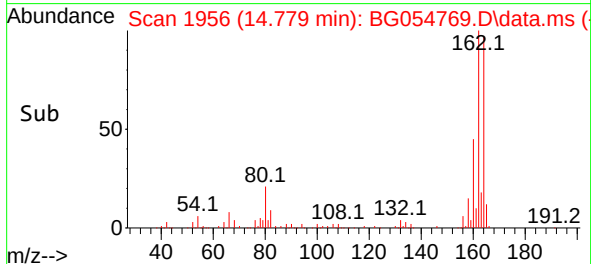
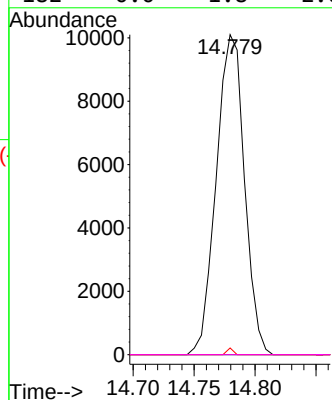
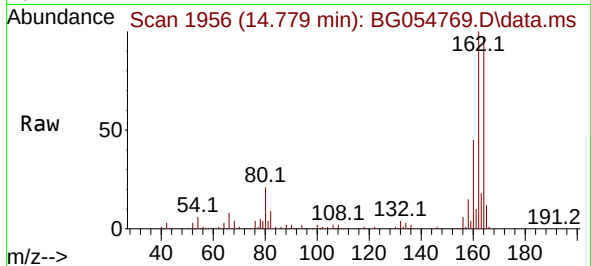




#57
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 14.779 min Scan# 1956
Delta R.T. -0.360 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

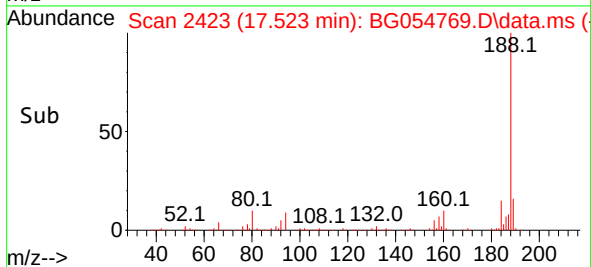
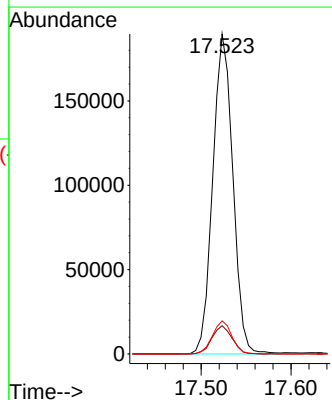
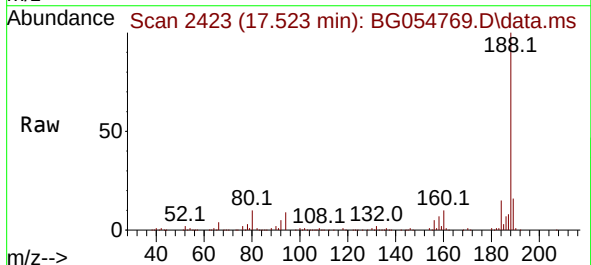
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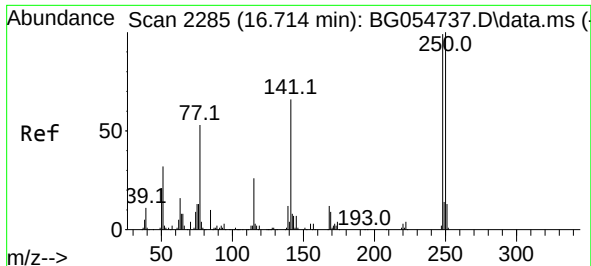
Tgt Ion:165 Resp: 16246
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 2.1 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.523 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion:188 Resp: 294446
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.3 7.9 11.9

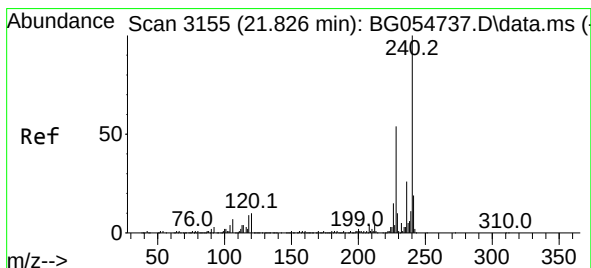
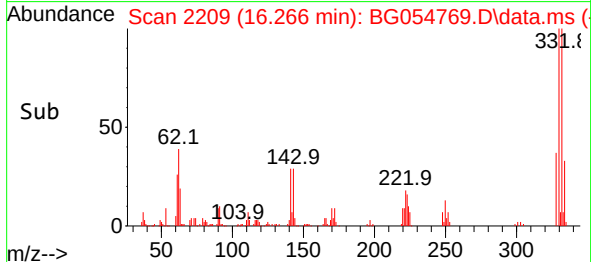
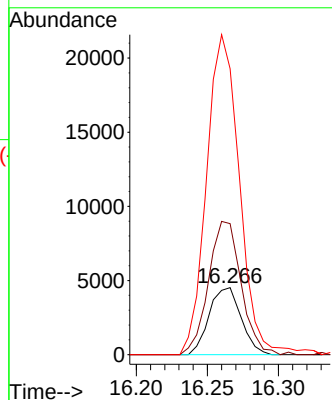
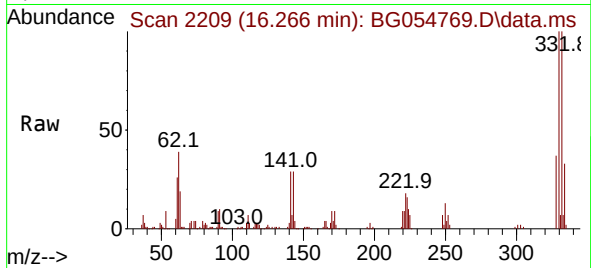




#67
4-Bromophenyl-phenylether
Concen: 2.190 ng
RT: 16.266 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

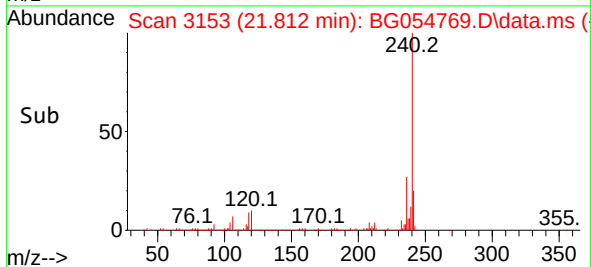
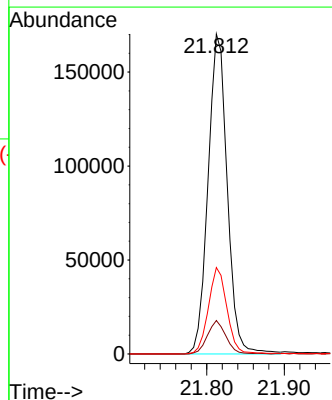
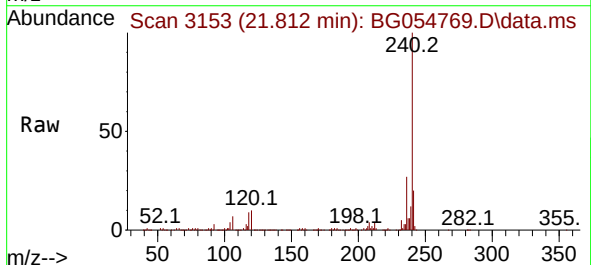
Instrument :
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MW-42RE

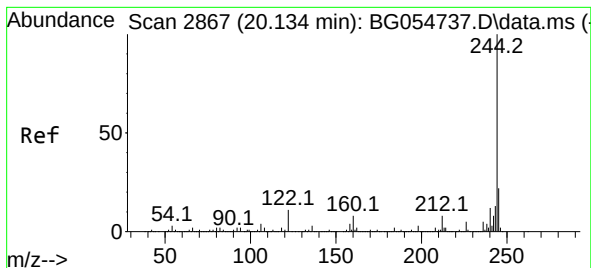
Tgt Ion:248 Resp: 7081
Ion Ratio Lower Upper
248 100
250 195.5 78.8 118.2#
141 426.5 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.812 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG054769.D
Acq: 29 Aug 2022 12:27

Tgt Ion:240 Resp: 293067
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 27.0 21.2 31.8





#79

Terphenyl-d14

Concen: 42.225 ng

RT: 20.126 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054769.D

Acq: 29 Aug 2022 12:27

Instrument :

BNA_G

ClientSampleId :

MW-42RE

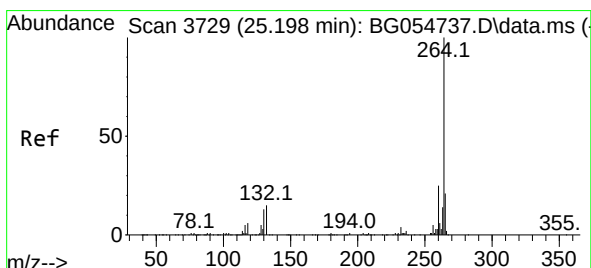
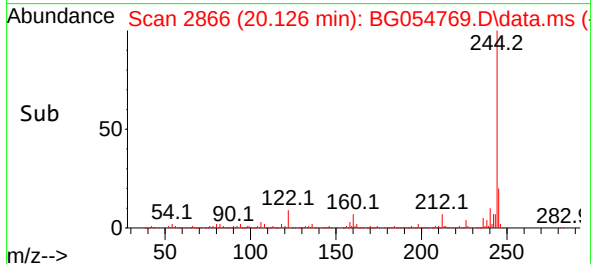
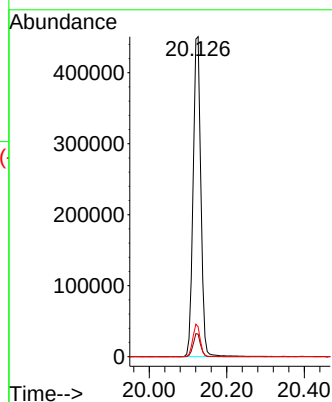
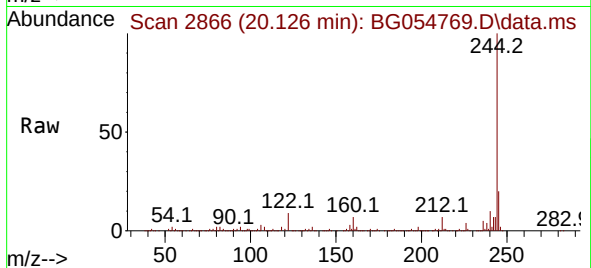
Tgt Ion:244 Resp: 624555

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.173 min Scan# 3725

Delta R.T. -0.025 min

Lab File: BG054769.D

Acq: 29 Aug 2022 12:27

Tgt Ion:264 Resp: 307745

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.1 16.9 25.3

