

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054877.D
 Acq On : 7 Sep 2022 20:40
 Operator : CG/JU
 Sample : N4499-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090222-A

Quant Time: Sep 08 04:48:21 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)

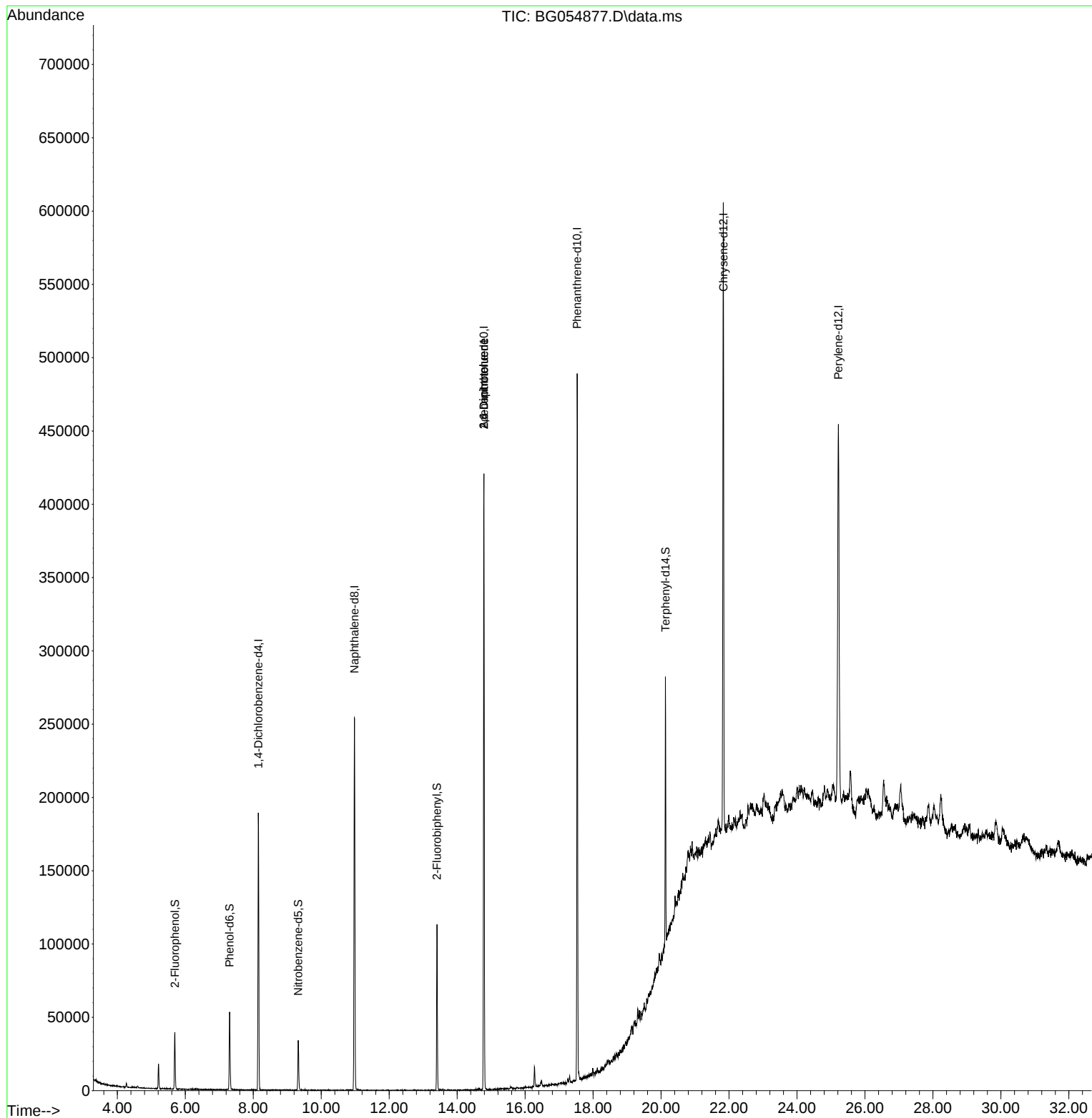
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	58722	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	240219	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	155482	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	317066	20.000	ng	0.00
76) Chrysene-d12	21.831	240	287346	20.000	ng	0.00
86) Perylene-d12	25.215	264	306195	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	20059	5.948	ng	0.00
7) Phenol-d6	7.301	99	37208	8.068	ng	0.00
23) Nitrobenzene-d5	9.322	82	24426	5.338	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	3834	1.973	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	63912	6.178	ng	0.00
79) Terphenyl-d14	20.127	244	96144	6.630	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.786	165	20168	8.232	ng	# 22
57) 2,4-Dinitrotoluene	14.786	165	20168	5.951	ng	# 20

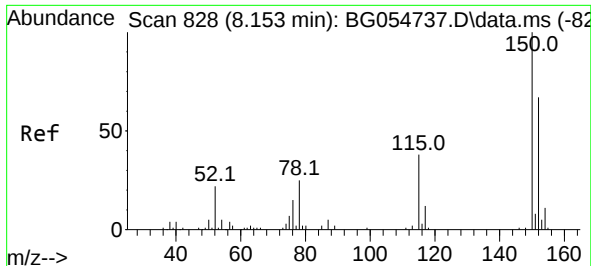
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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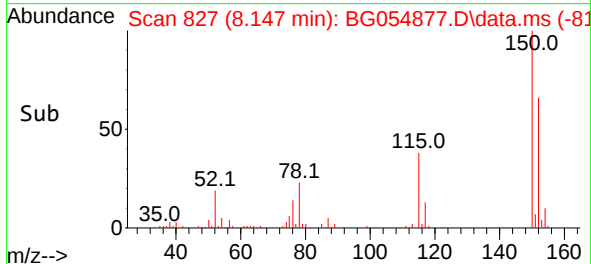
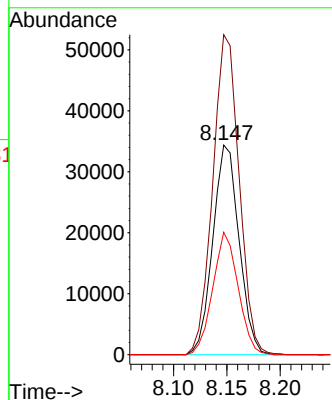
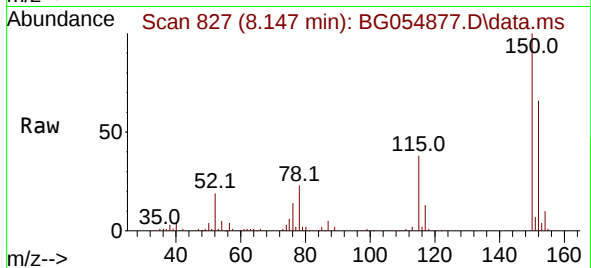




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

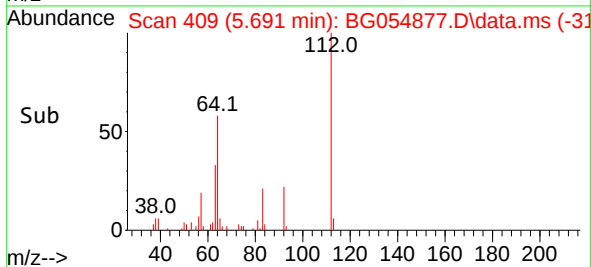
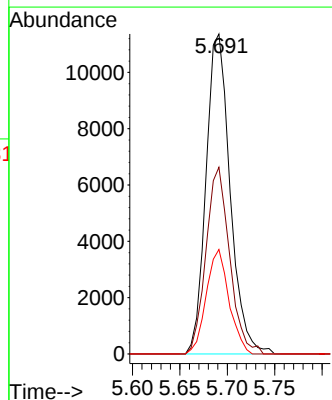
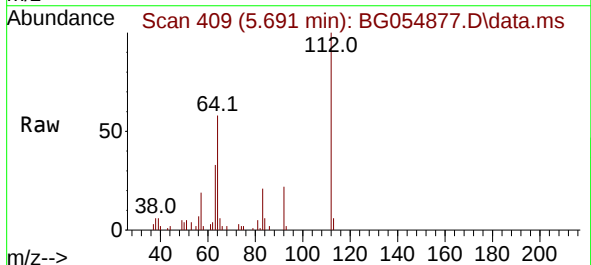
Instrument :
BNA_G
ClientSampleId :
090222-A

Tgt Ion:152 Resp: 58722
Ion Ratio Lower Upper
152 100
150 152.6 125.2 187.8
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 5.948 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

Tgt Ion:112 Resp: 20059
Ion Ratio Lower Upper
112 100
64 58.4 49.3 73.9
63 32.6 26.3 39.5

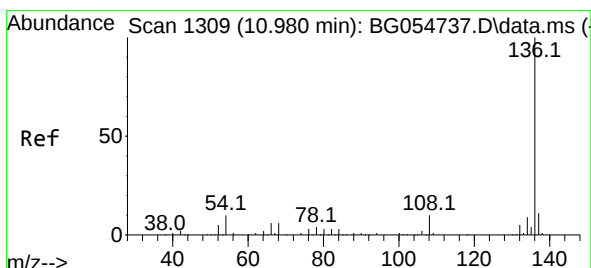
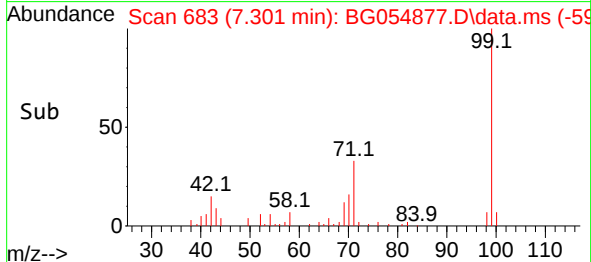
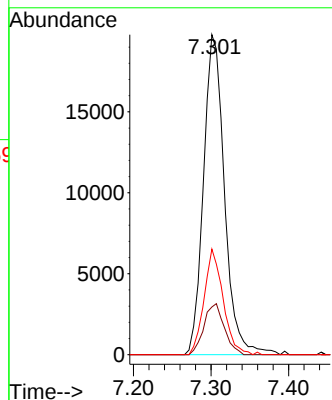
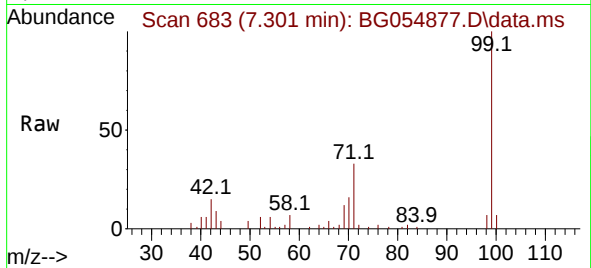




#7
Phenol-d6
Concen: 8.068 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

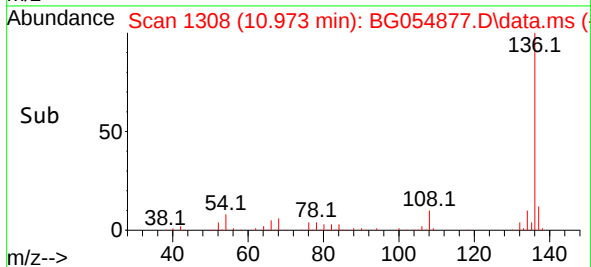
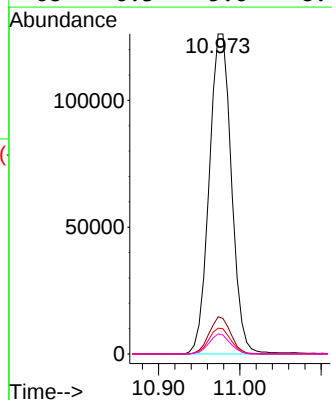
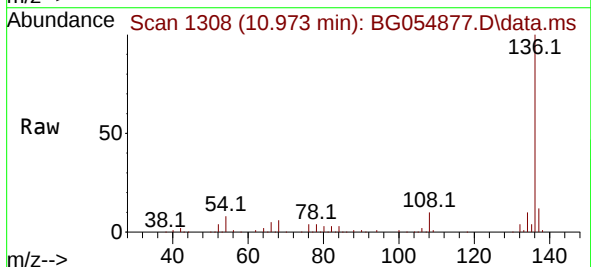
Instrument :
BNA_G
ClientSampleId :
090222-A

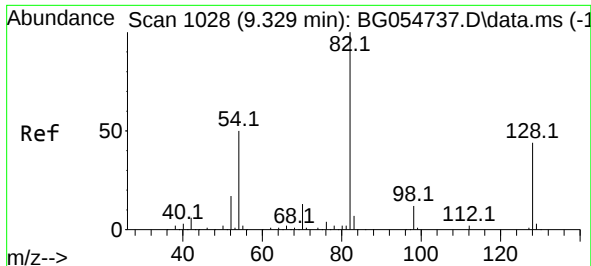
Tgt Ion: 99 Resp: 37208
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 33.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

Tgt Ion: 136 Resp: 240219
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 8.1 7.7 11.5
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 5.338 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054877.D

Acq: 7 Sep 2022 20:40

Instrument :

BNA_G

ClientSampleId :

090222-A

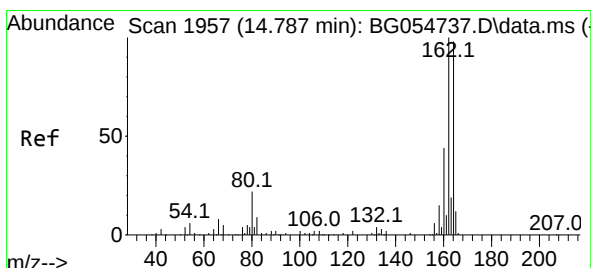
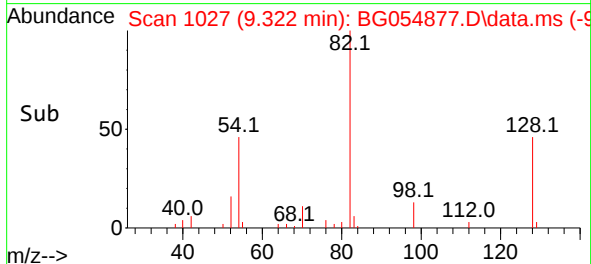
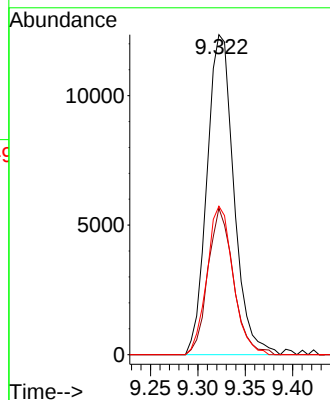
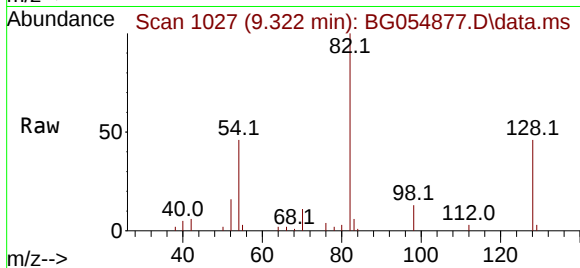
Tgt Ion: 82 Resp: 24426

Ion Ratio Lower Upper

82 100

128 45.7 32.2 48.2

54 46.4 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.786 min Scan# 1957

Delta R.T. -0.001 min

Lab File: BG054877.D

Acq: 7 Sep 2022 20:40

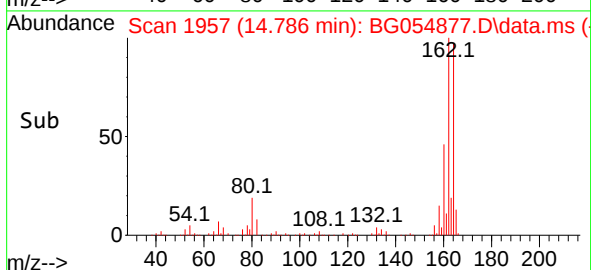
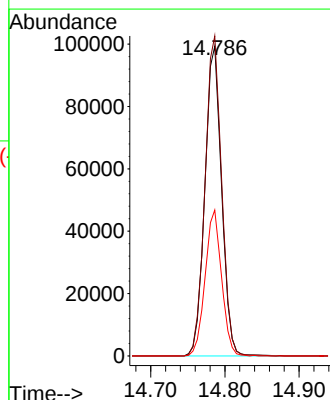
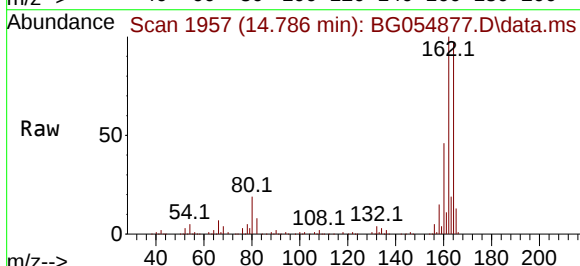
Tgt Ion:164 Resp: 155482

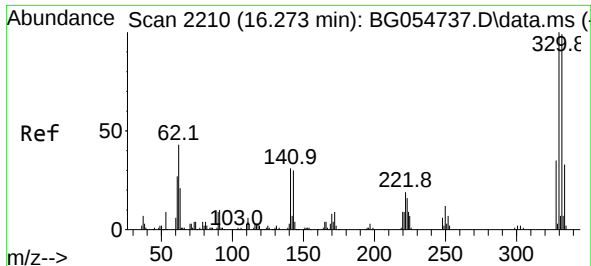
Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 47.1 38.0 57.0

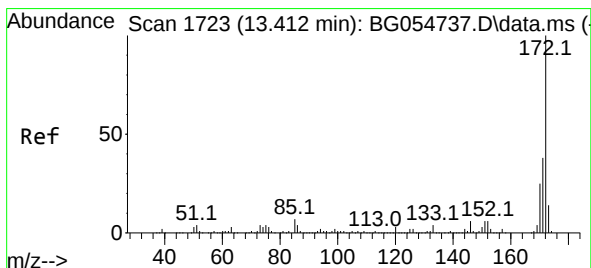
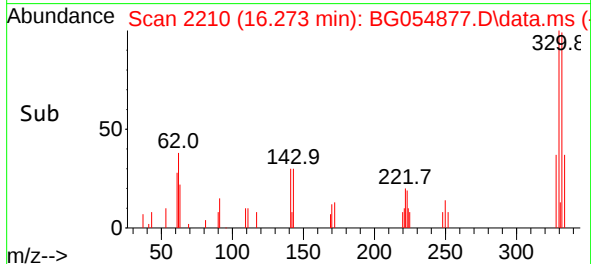
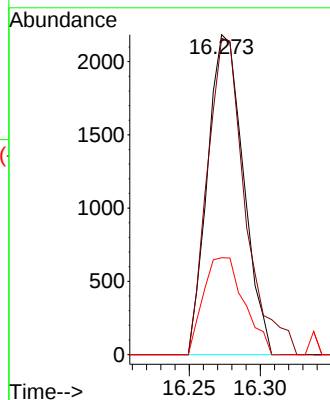
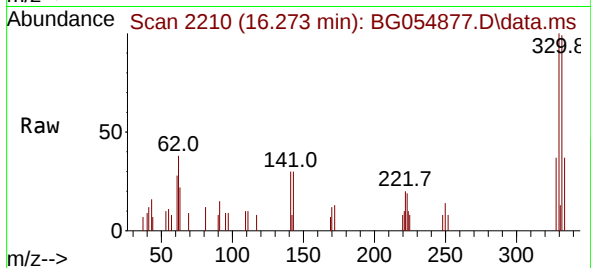




#42
 2,4,6-Tribromophenol
 Concen: 1.973 ng
 RT: 16.273 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054877.D
 Acq: 7 Sep 2022 20:40

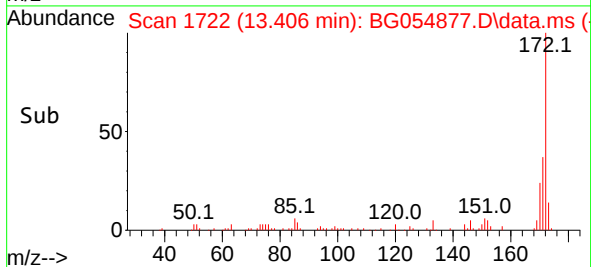
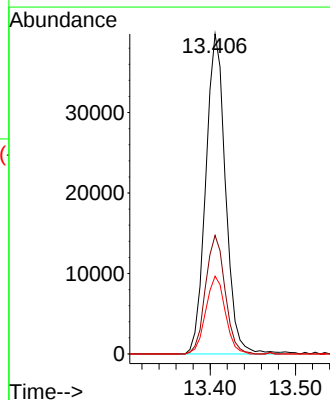
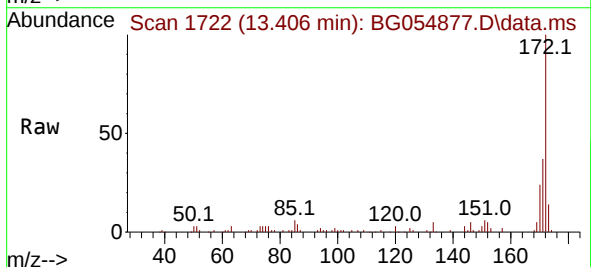
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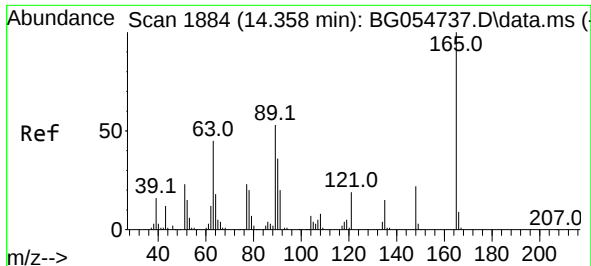
Tgt Ion:330 Resp: 3834
 Ion Ratio Lower Upper
 330 100
 332 103.8 79.8 119.6
 141 34.5 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 6.178 ng
 RT: 13.406 min Scan# 1722
 Delta R.T. -0.006 min
 Lab File: BG054877.D
 Acq: 7 Sep 2022 20:40

Tgt Ion:172 Resp: 63912
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.2 46.8
 170 24.3 20.6 30.8

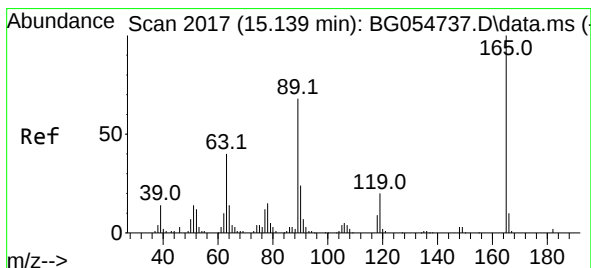
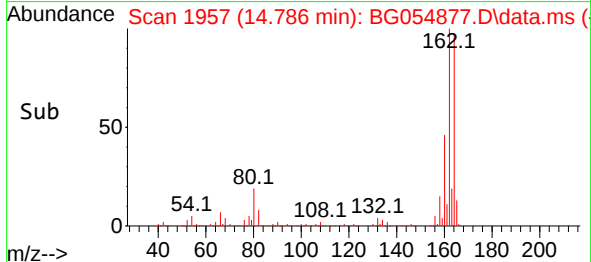
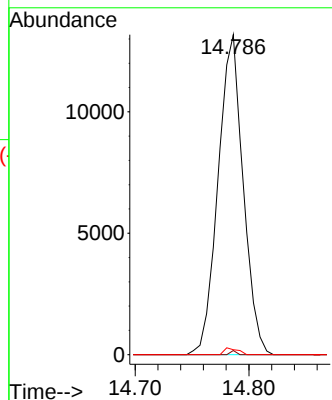
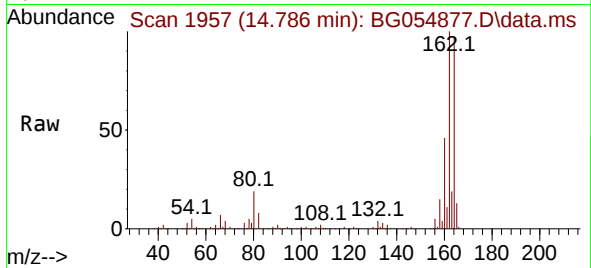




#51
2,6-Dinitrotoluene
Concen: 8.232 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

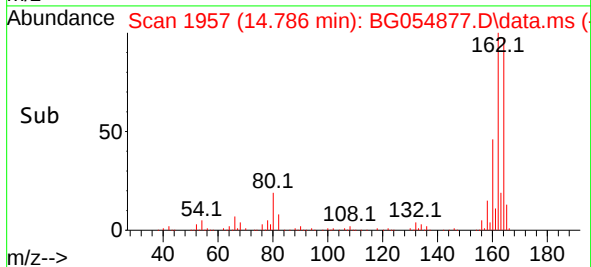
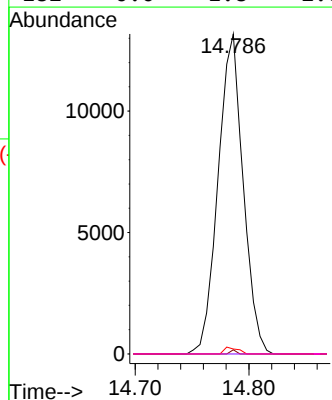
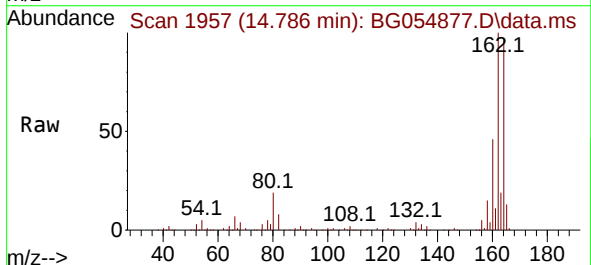
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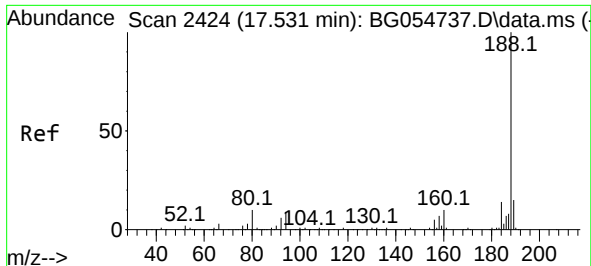
Tgt Ion:165 Resp: 20168
Ion Ratio Lower Upper
165 100
63 1.3 46.0 69.0#
89 1.6 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 5.951 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.353 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

Tgt Ion:165 Resp: 20168
Ion Ratio Lower Upper
165 100
63 1.3 36.8 55.2#
89 1.6 64.3 96.5#
182 0.0 1.8 2.6#

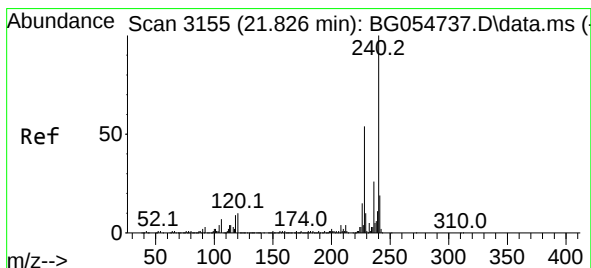
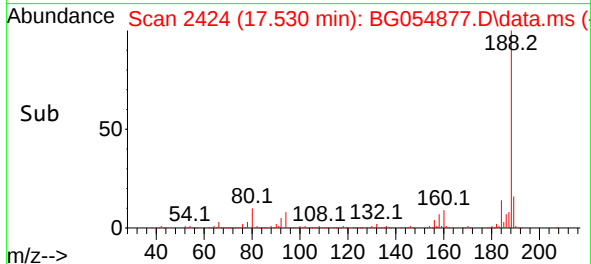
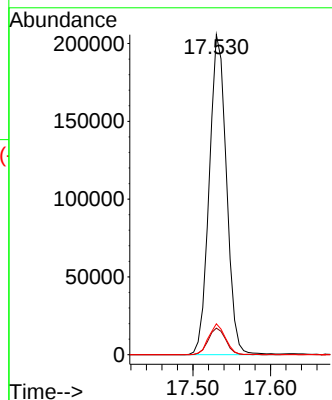
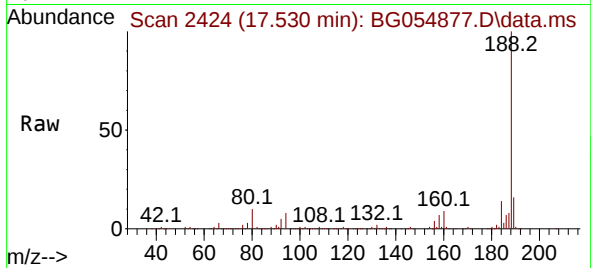




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

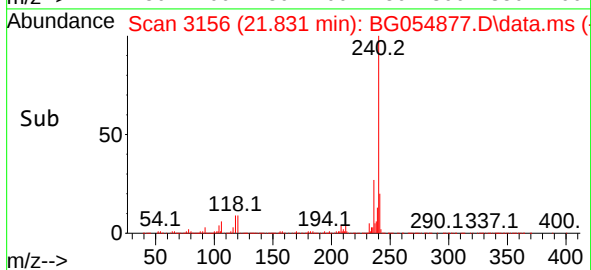
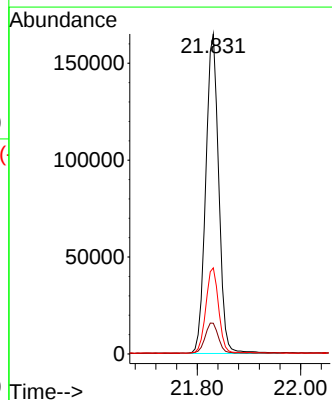
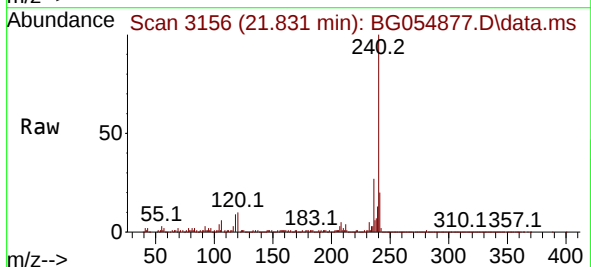
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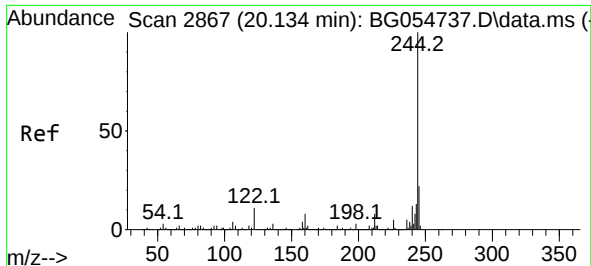
Tgt Ion:188 Resp: 317066
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054877.D
Acq: 7 Sep 2022 20:40

Tgt Ion:240 Resp: 287346
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.9 21.2 31.8

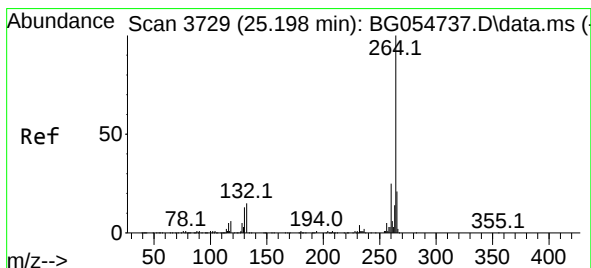
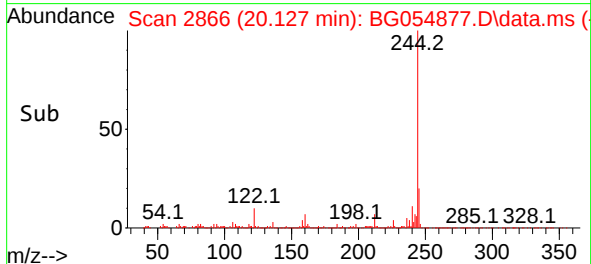
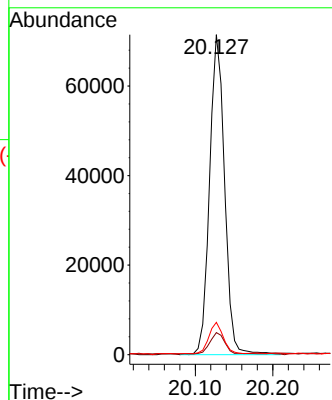
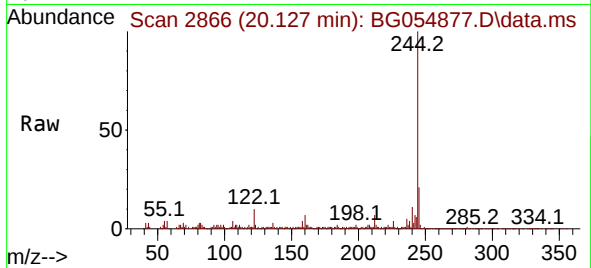




#79
 Terphenyl-d14
 Concen: 6.630 ng
 RT: 20.127 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054877.D
 Acq: 7 Sep 2022 20:40

Instrument :
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Tgt Ion:244 Resp: 96144
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.215 min Scan# 3732
 Delta R.T. 0.017 min
 Lab File: BG054877.D
 Acq: 7 Sep 2022 20:40

Tgt Ion:264 Resp: 306195
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 22.3 16.9 25.3

