

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053661.D
 Acq On : 23 May 2022 12:50
 Operator : CG/JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

Quant Time: May 24 05:09:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

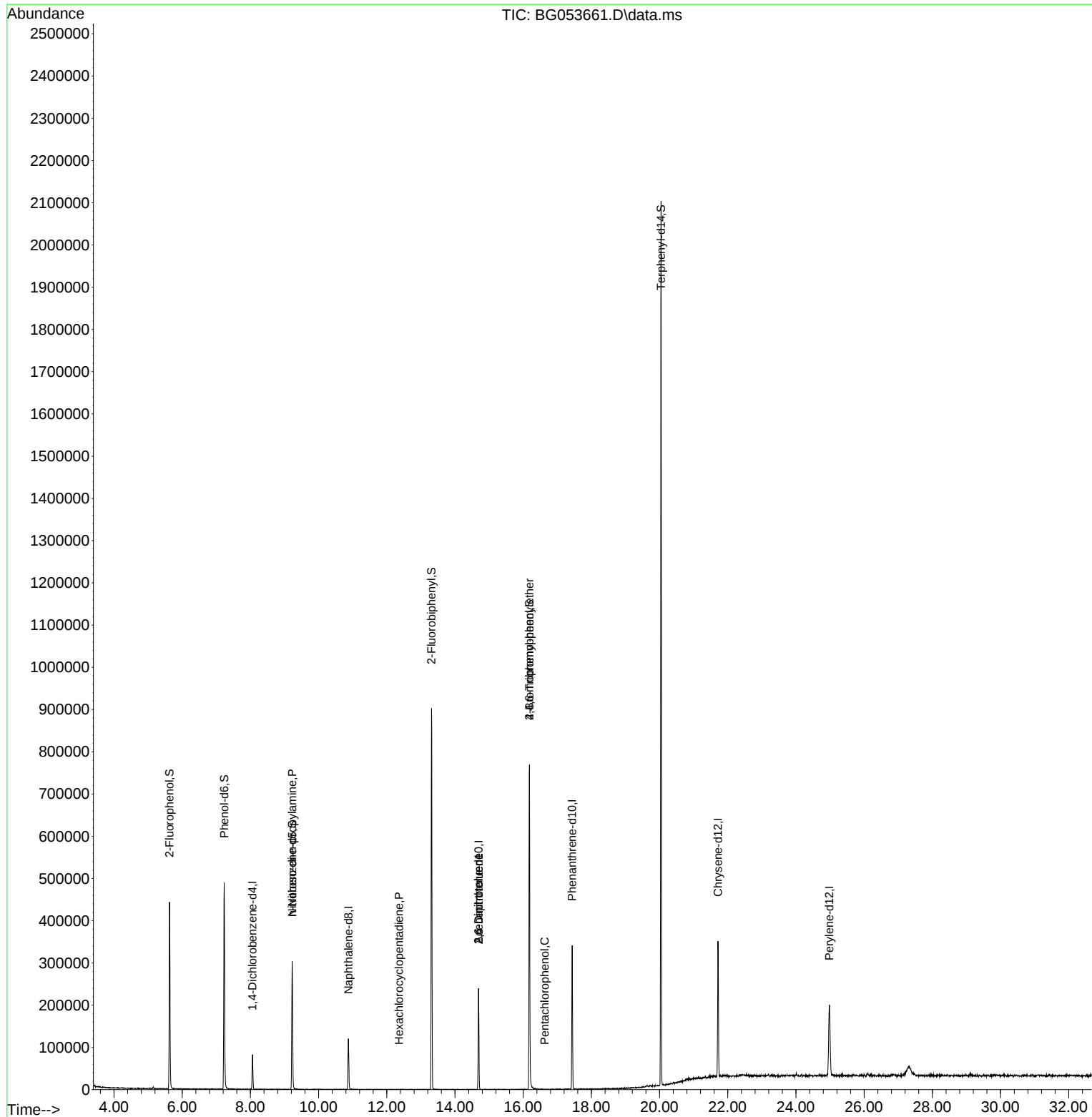
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	23447	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	100076	20.000	ng	# 0.00
39) Acenaphthene-d10	14.691	164	86233	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	224092	20.000	ng	0.00
76) Chrysene-d12	21.711	240	203266	20.000	ng	0.00
86) Perylene-d12	24.977	264	197923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	183460	132.792	ng	0.00
7) Phenol-d6	7.230	99	282285	134.631	ng	0.00
23) Nitrobenzene-d5	9.222	82	199550	84.881	ng	0.00
42) 2,4,6-Tribromophenol	16.183	330	167698	131.855	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	489051	82.873	ng	0.00
79) Terphenyl-d14	20.042	244	1021379	93.586	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.222	70	27736	18.437	ng	# 79
41) Hexachlorocyclopentadiene	12.359	237	59	8.884	ng	# 26
51) 2,6-Dinitrotoluene	14.691	165	11064	8.287	ng	# 16
57) 2,4-Dinitrotoluene	14.691	165	11064	5.717	ng	# 21
67) 4-Bromophenyl-phenylether	16.183	248	11290	4.314	ng	# 1
70) Pentachlorophenol	16.629	266	54	4.683	ng	# 16

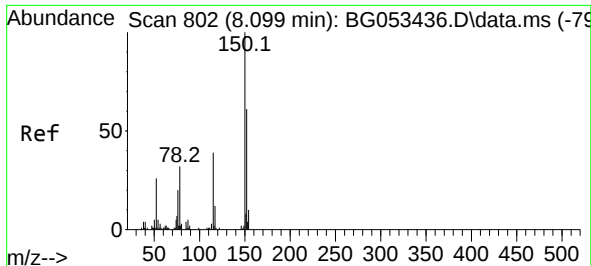
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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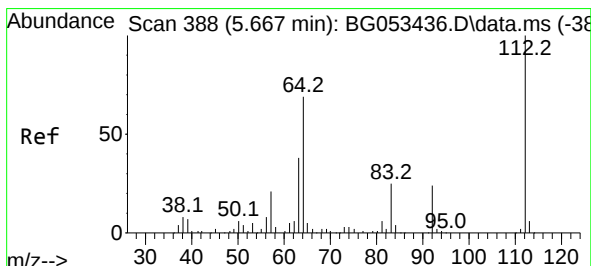
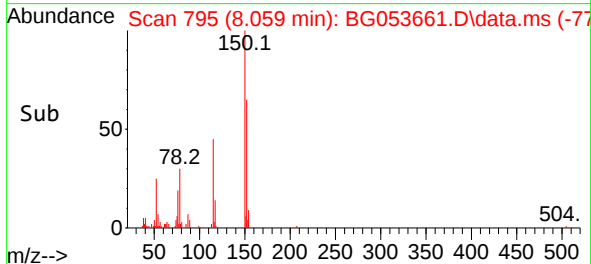
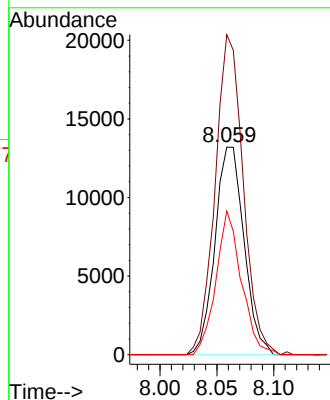
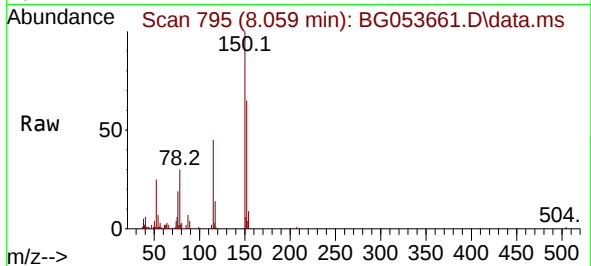




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

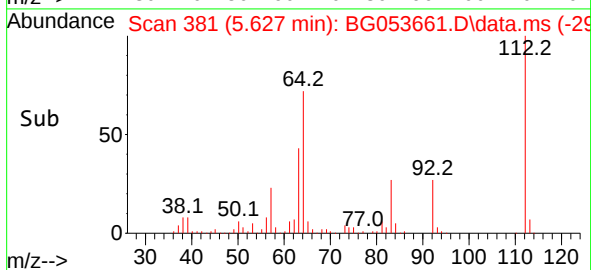
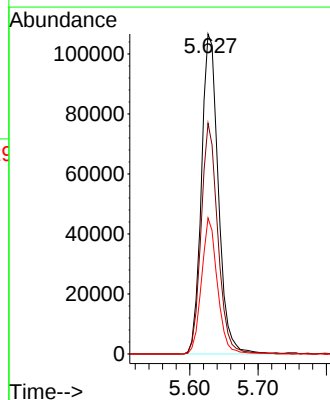
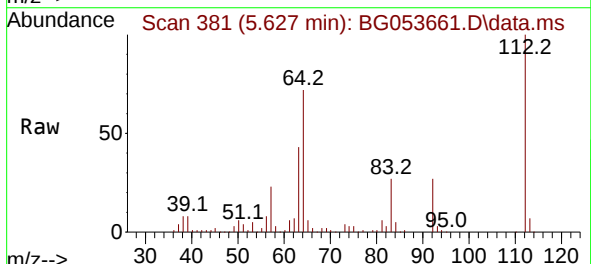
Instrument :
BNA_G
ClientSampleId :
PB145019BL

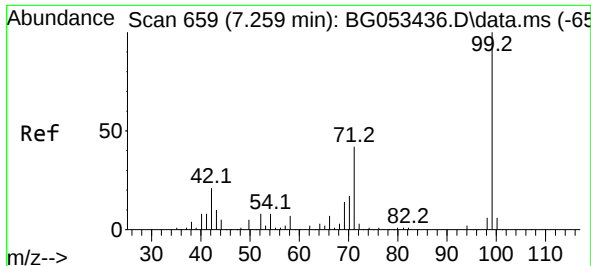
Tgt Ion:152 Resp: 23447
Ion Ratio Lower Upper
152 100
150 154.2 131.6 197.4
115 69.2 50.9 76.3



#5
2-Fluorophenol
Concen: 132.792 ng
RT: 5.627 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

Tgt Ion:112 Resp: 183460
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 42.5 30.4 45.6

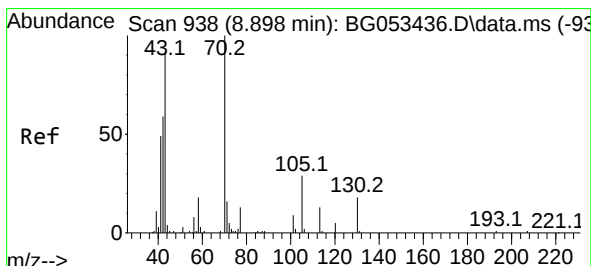
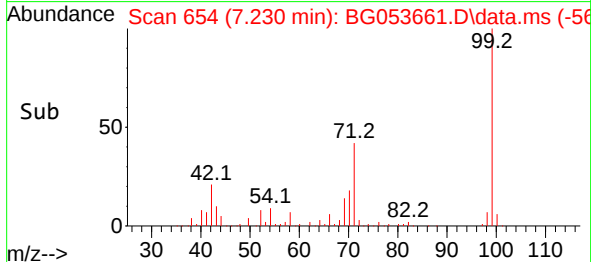
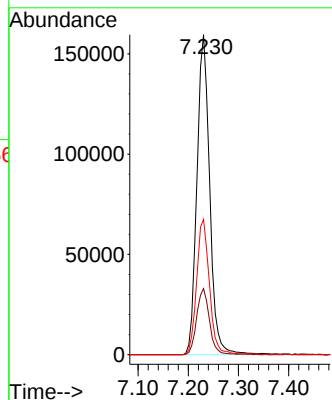
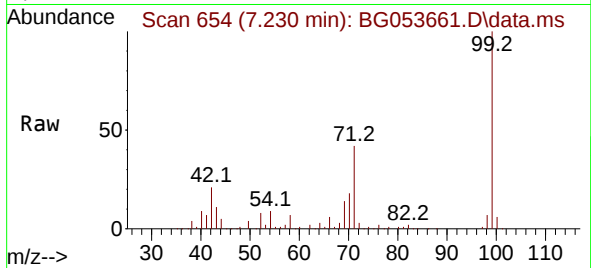




#7
Phenol-d6
Concen: 134.631 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

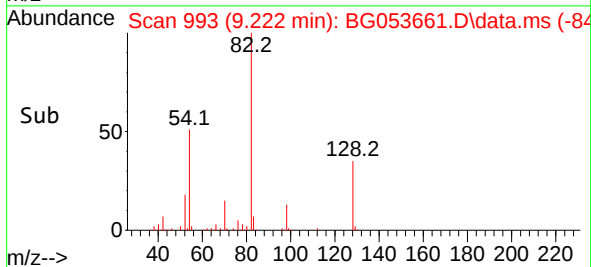
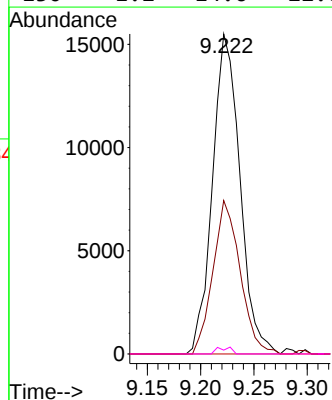
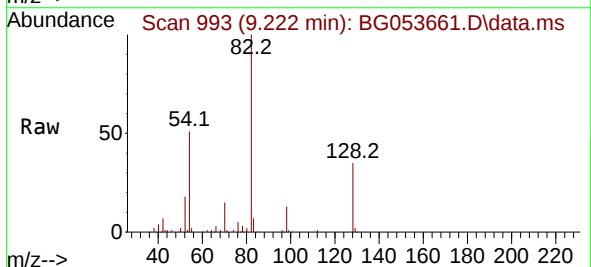
Instrument :
BNA_G
ClientSampleId :
PB145019BL

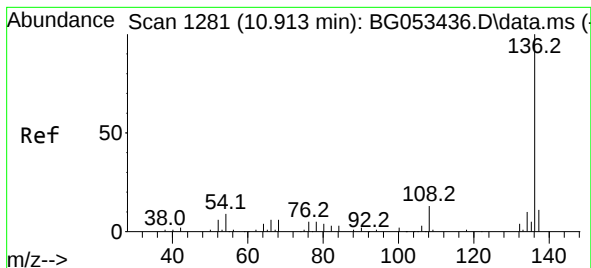
Tgt Ion: 99 Resp: 282285
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.437 ng
RT: 9.222 min Scan# 993
Delta R.T. 0.359 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

Tgt Ion: 70 Resp: 27736
Ion Ratio Lower Upper
70 100
42 48.0 47.3 70.9
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.872 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG053661.D

Acq: 23 May 2022 12:50

Instrument :

BNA_G

ClientSampleId :

PB145019BL

Tgt Ion:136 Resp: 100076

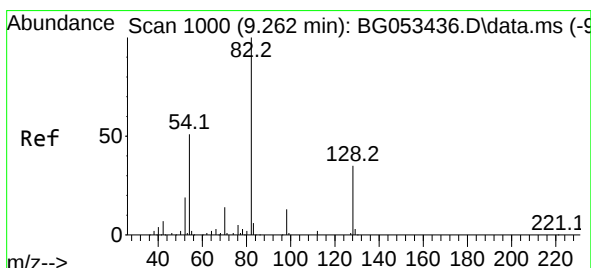
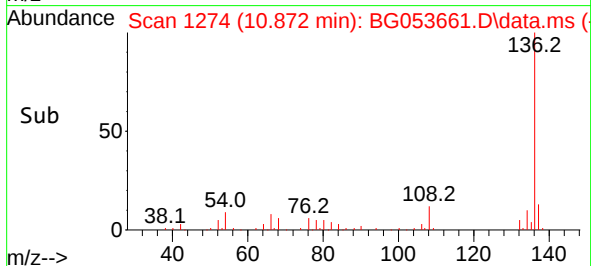
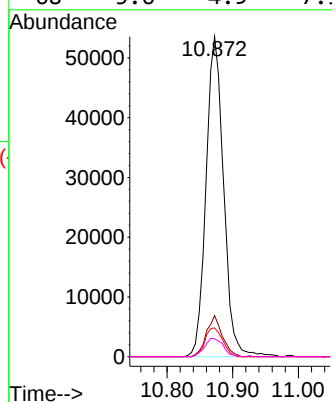
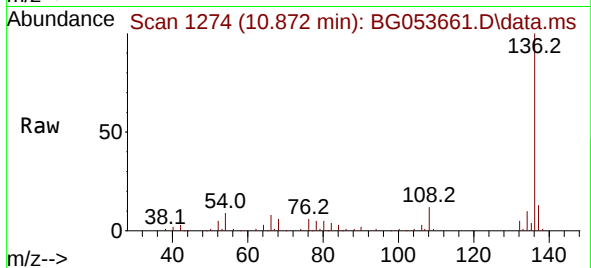
Ion Ratio Lower Upper

136 100

137 12.8 8.5 12.7#

54 9.0 7.4 11.2

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 84.881 ng

RT: 9.222 min Scan# 993

Delta R.T. -0.005 min

Lab File: BG053661.D

Acq: 23 May 2022 12:50

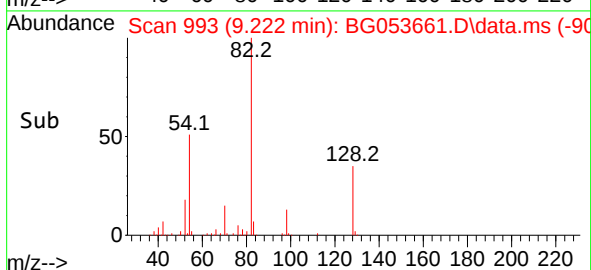
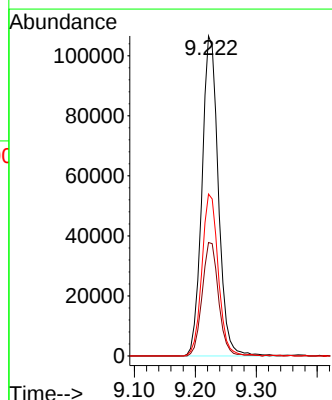
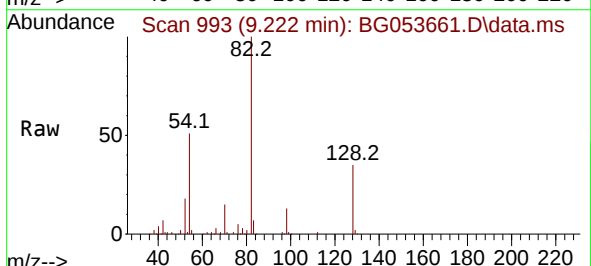
Tgt Ion: 82 Resp: 199550

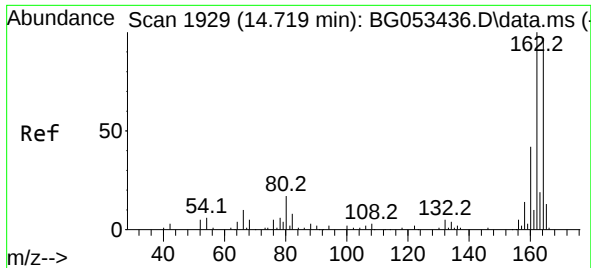
Ion Ratio Lower Upper

82 100

128 35.4 27.9 41.9

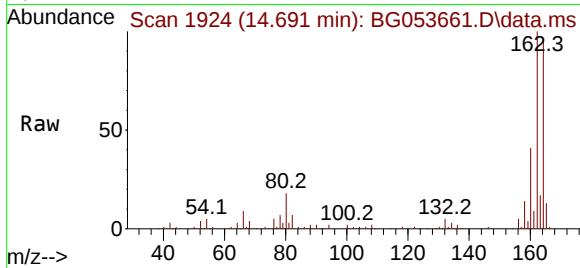
54 50.6 41.2 61.8



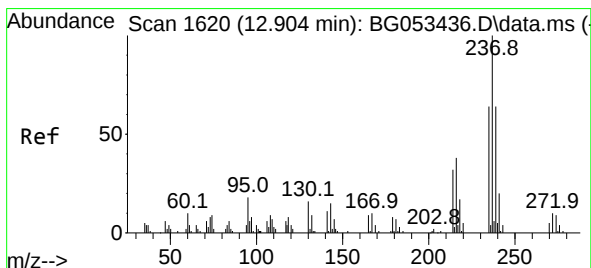
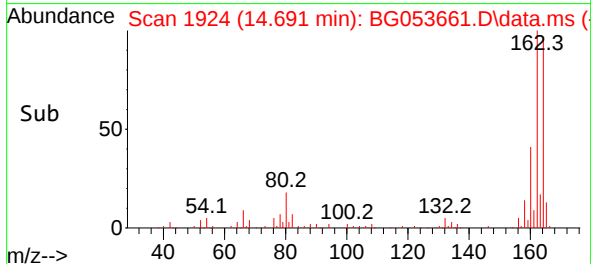
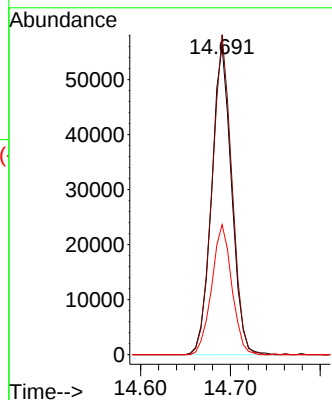


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.691 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB145019BL

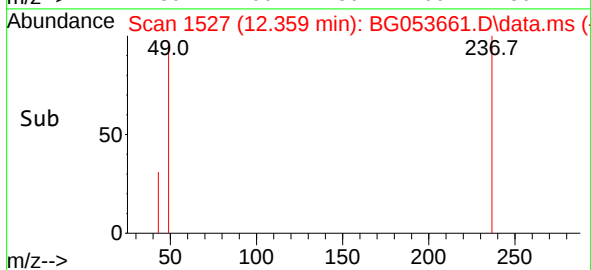
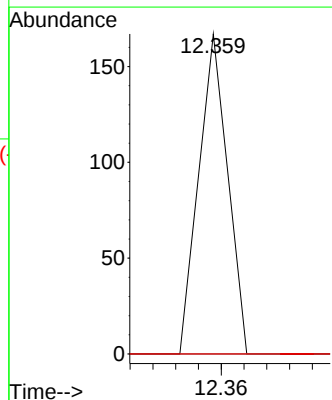
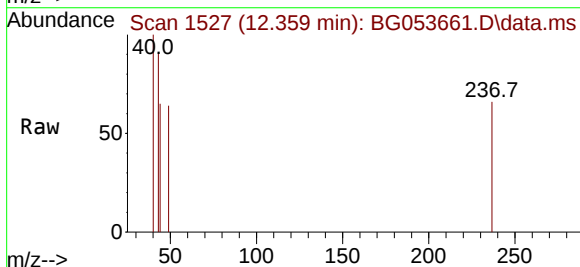


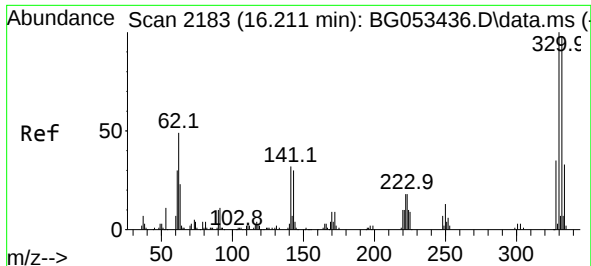
Tgt Ion:164 Resp: 86233
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 42.2 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 8.884 ng
RT: 12.359 min Scan# 1527
Delta R.T. -0.510 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

Tgt Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1

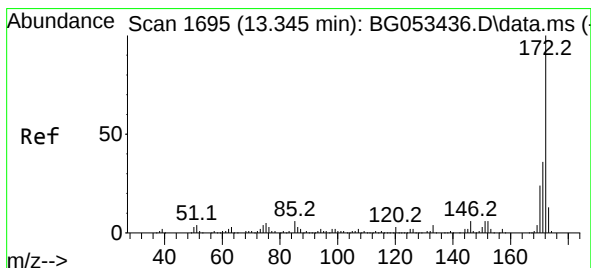
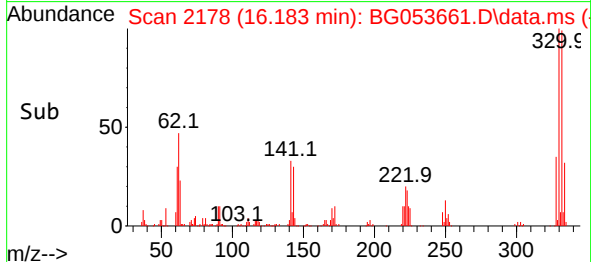
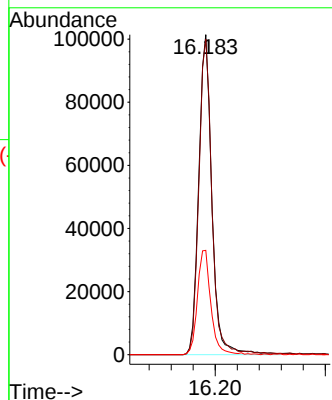
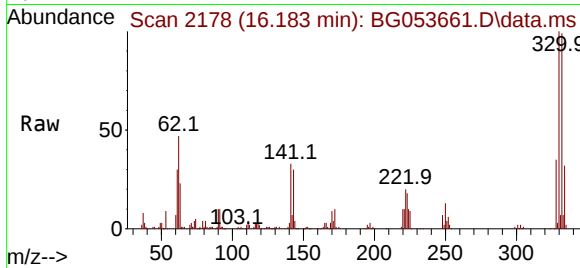




#42
 2,4,6-Tribromophenol
 Concen: 131.855 ng
 RT: 16.183 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

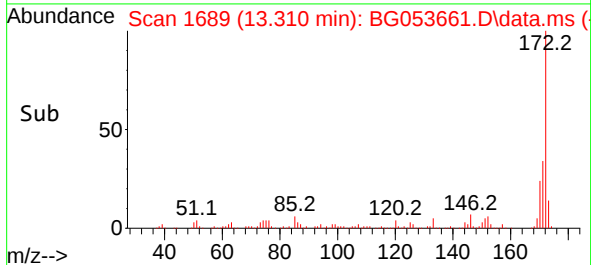
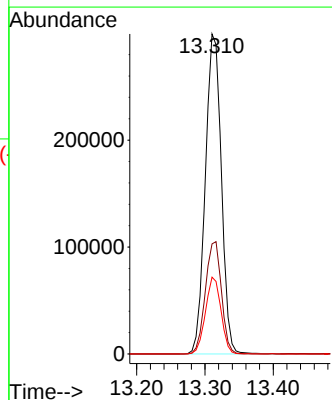
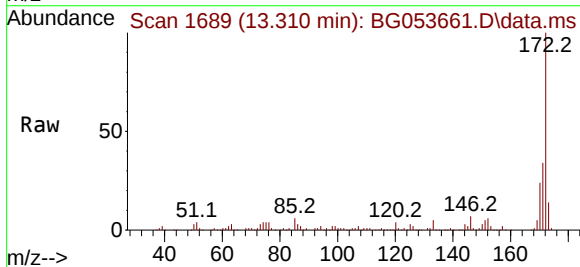
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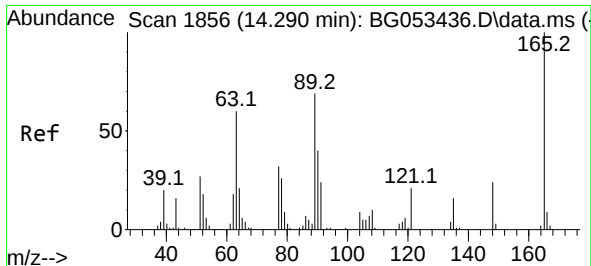
Tgt Ion:330 Resp: 167698
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 33.6 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 82.873 ng
 RT: 13.310 min Scan# 1689
 Delta R.T. -0.005 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

Tgt Ion:172 Resp: 489051
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 24.0 18.9 28.3

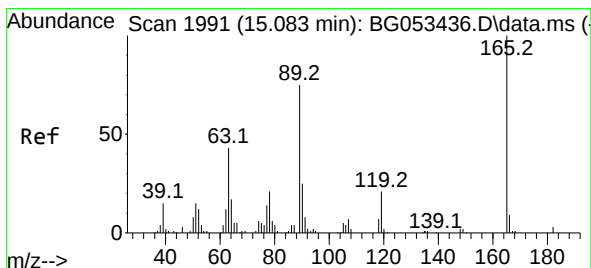
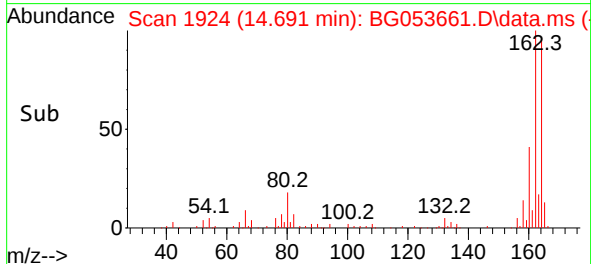
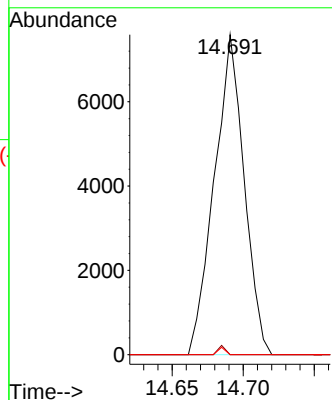
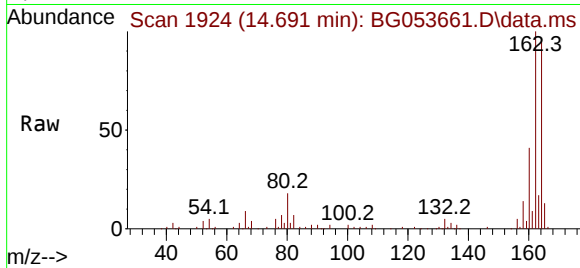




#51
2,6-Dinitrotoluene
Concen: 8.287 ng
RT: 14.691 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

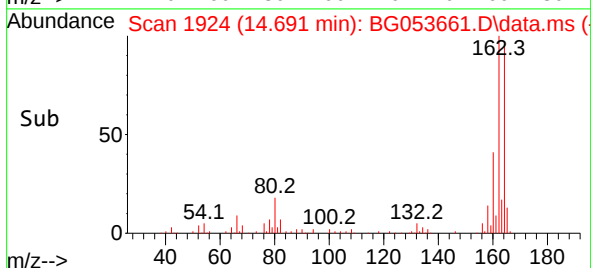
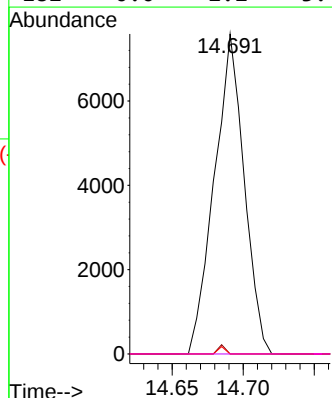
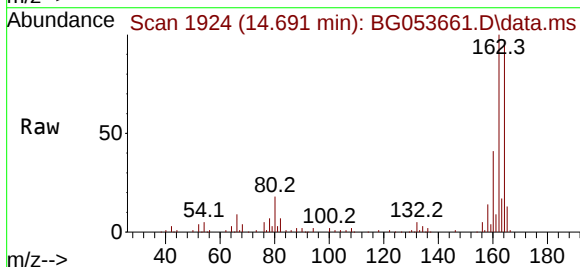
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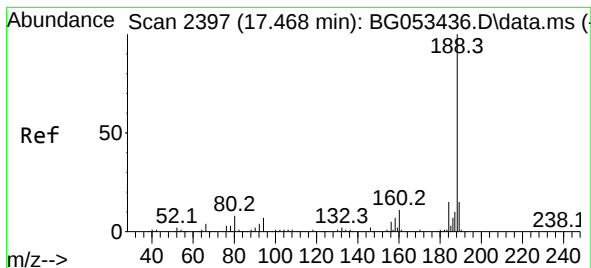
Tgt Ion:165 Resp: 11064
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.717 ng
RT: 14.691 min Scan# 1924
Delta R.T. -0.363 min
Lab File: BG053661.D
Acq: 23 May 2022 12:50

Tgt Ion:165 Resp: 11064
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053661.D

Acq: 23 May 2022 12:50

Instrument :

BNA_G

ClientSampleId :

PB145019BL

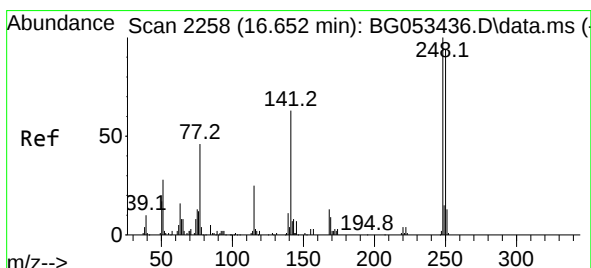
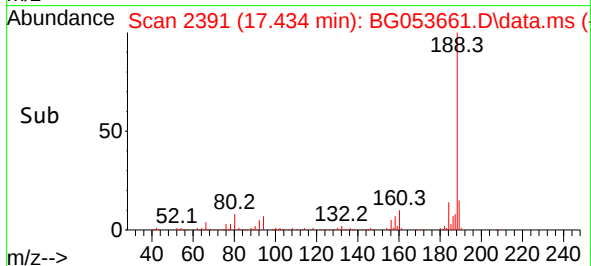
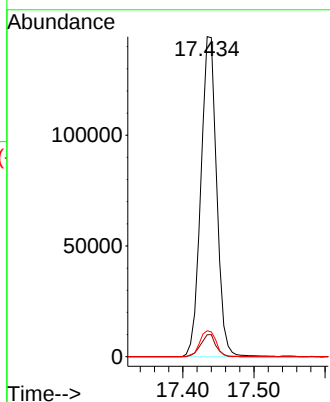
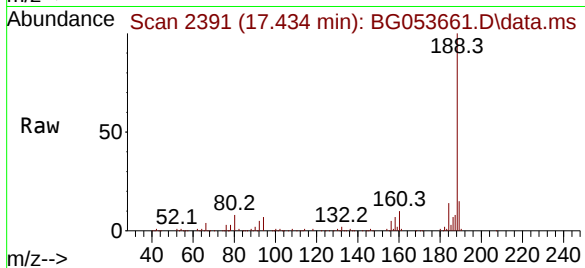
Tgt Ion:188 Resp: 224092

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.1 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.314 ng

RT: 16.183 min Scan# 2178

Delta R.T. -0.434 min

Lab File: BG053661.D

Acq: 23 May 2022 12:50

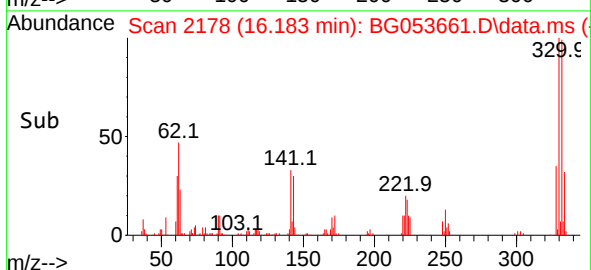
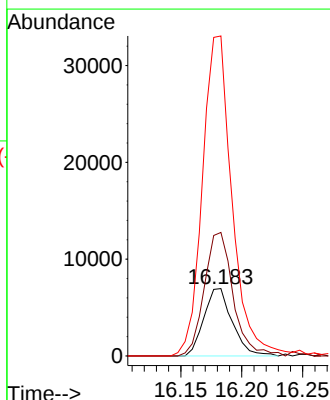
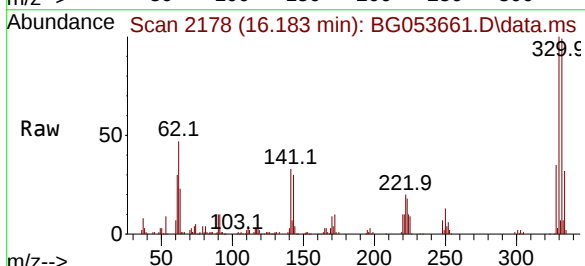
Tgt Ion:248 Resp: 11290

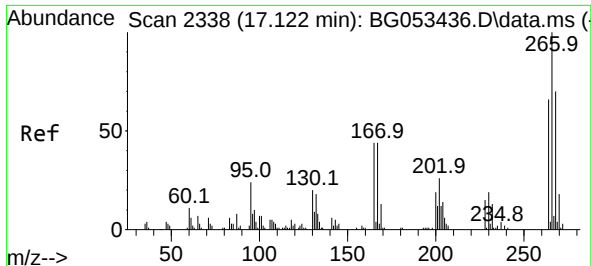
Ion Ratio Lower Upper

248 100

250 183.3 75.2 112.8#

141 474.9 50.0 75.0#

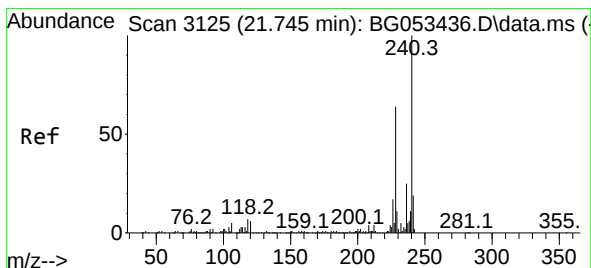
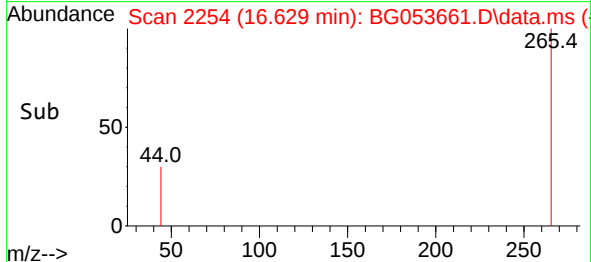
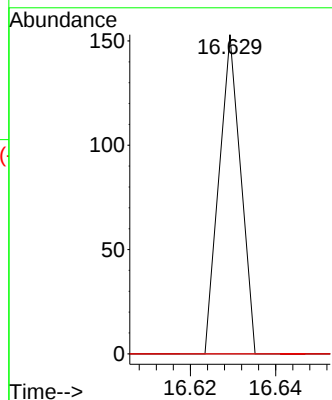
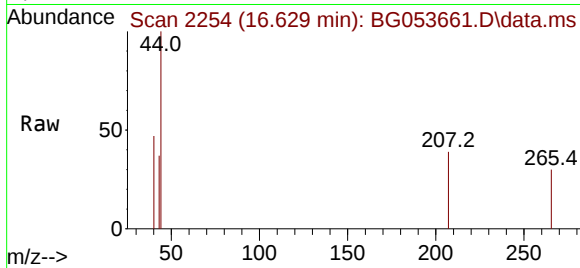




#70
 Pentachlorophenol
 Concen: 4.683 ng
 RT: 16.629 min Scan# 2119
 Delta R.T. -0.469 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

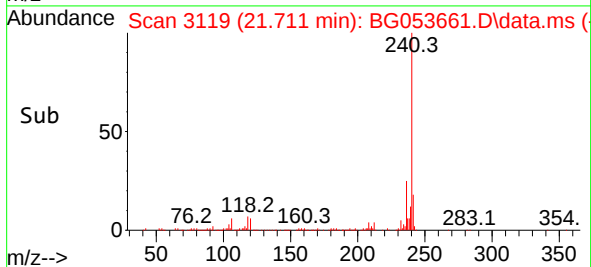
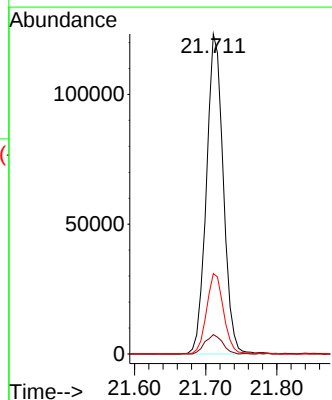
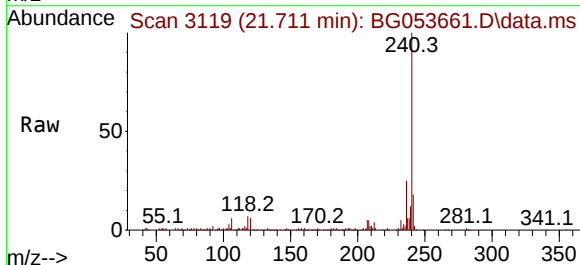
Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

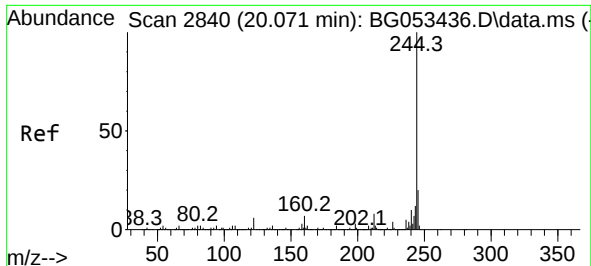
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.2 84.2#
 264 0.0 53.0 79.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.711 min Scan# 3119
 Delta R.T. -0.005 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

Tgt Ion:240 Resp: 203266
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.6 7.0
 236 25.1 20.2 30.4

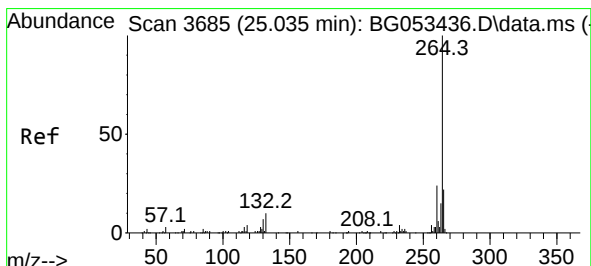
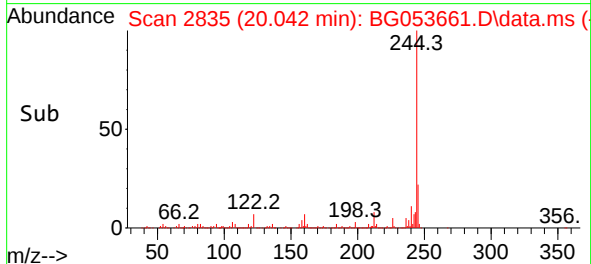
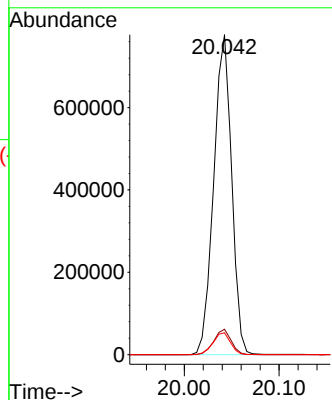
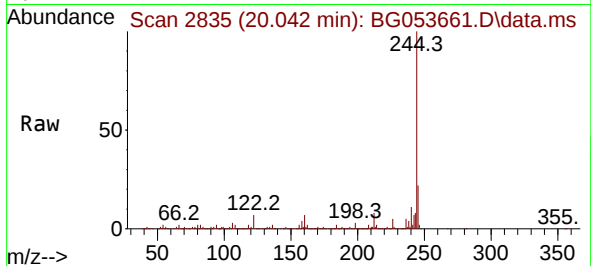




#79
 Terphenyl-d14
 Concen: 93.586 ng
 RT: 20.042 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

Tgt Ion:244 Resp: 1021379
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3675
 Delta R.T. -0.005 min
 Lab File: BG053661.D
 Acq: 23 May 2022 12:50

Tgt Ion:264 Resp: 197923
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.2 17.4 26.2

