

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055265.D
 Acq On : 24 Oct 2022 20:51
 Operator : CG/JU
 Sample : N5189-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1431-2

Quant Time: Oct 25 01:22:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

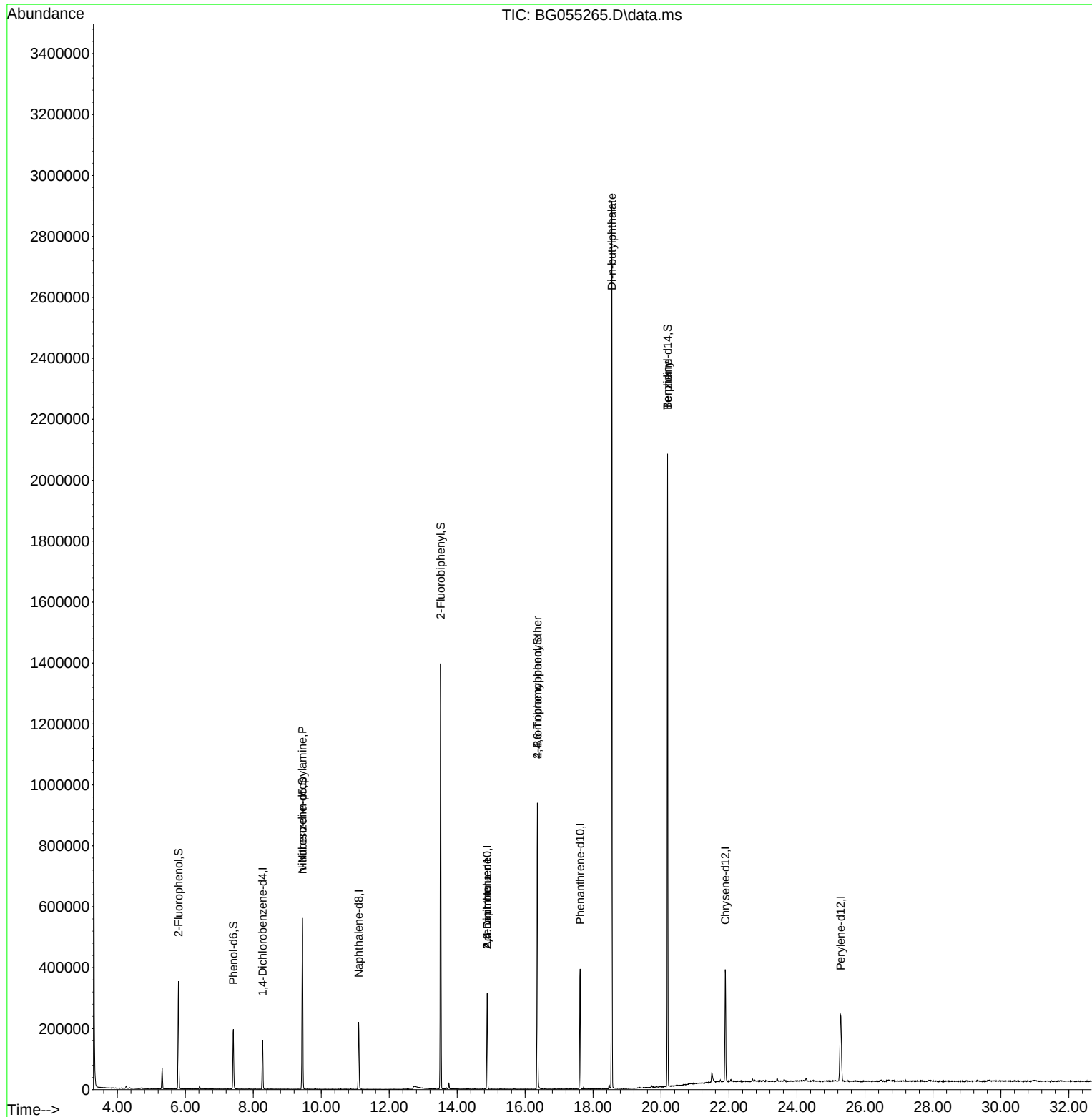
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	46066	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	185610	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	109992	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	235183	20.000	ng	0.00
76) Chrysene-d12	21.889	240	229686	20.000	ng	-0.01
86) Perylene-d12	25.285	264	237522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	158501	60.246	ng	0.00
7) Phenol-d6	7.412	99	120635	31.650	ng	0.00
23) Nitrobenzene-d5	9.445	82	349665	96.197	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	175326	146.629	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	693285	103.165	ng	0.00
79) Terphenyl-d14	20.191	244	933216	84.417	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	46907	14.820	ng	# 80
51) 2,6-Dinitrotoluene	14.886	165	14771	8.405	ng	# 20
57) 2,4-Dinitrotoluene	14.886	165	14771	5.792	ng	# 19
67) 4-Bromophenyl-phenylether	16.360	248	11324	4.956	ng	# 1
74) Di-n-butylphthalate	18.552	149	2079179	141.035	ng	# 95
77) Benzidine	20.191	184	14508	2.609	ng	# 93

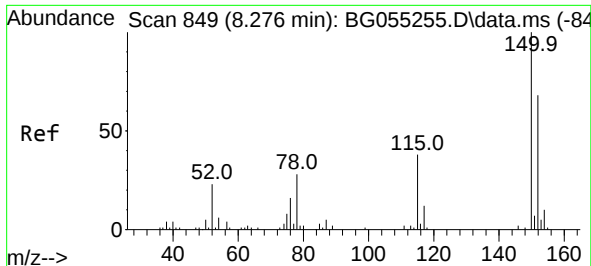
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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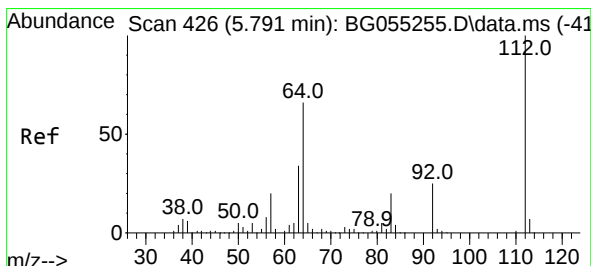
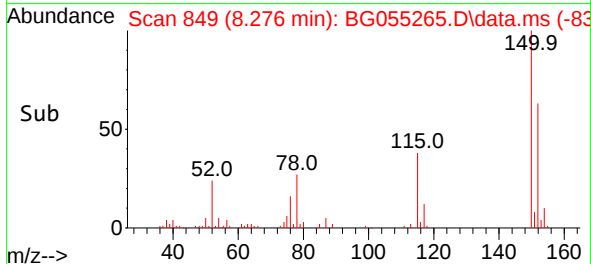
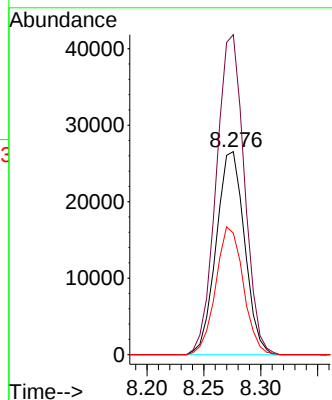
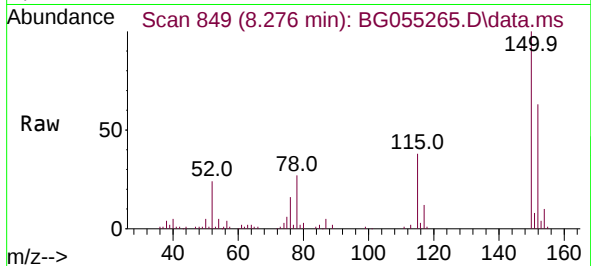




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

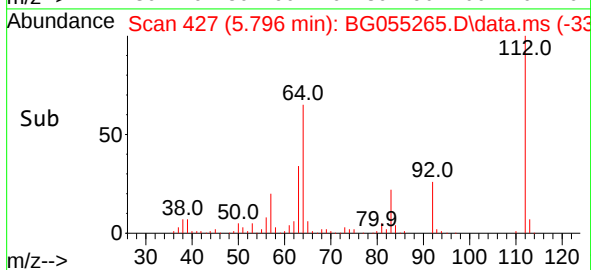
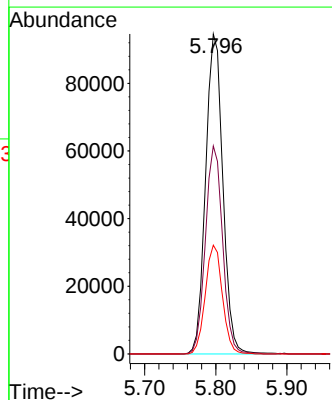
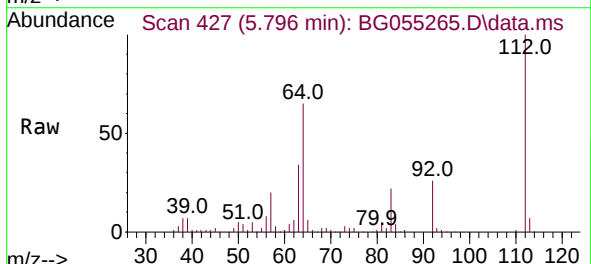
Instrument :
BNA_G
ClientSampleId :
1431-2

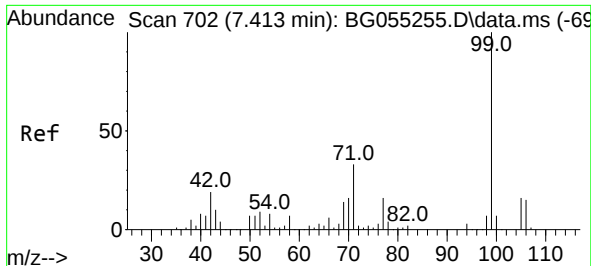
Tgt Ion:152 Resp: 46066
Ion Ratio Lower Upper
152 100
150 157.6 118.2 177.4
115 59.9 44.5 66.7



#5
2-Fluorophenol
Concen: 60.246 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion:112 Resp: 158501
Ion Ratio Lower Upper
112 100
64 65.0 52.6 78.8
63 34.0 27.1 40.7

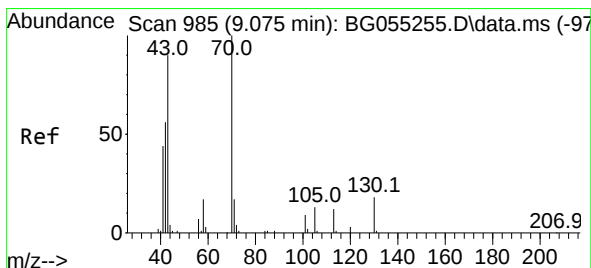
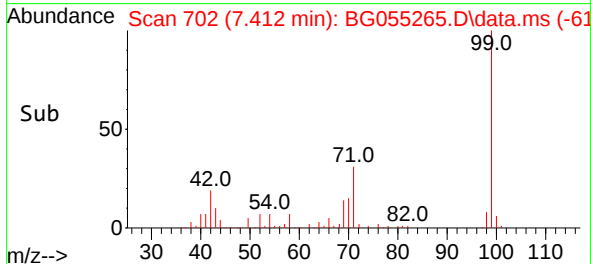
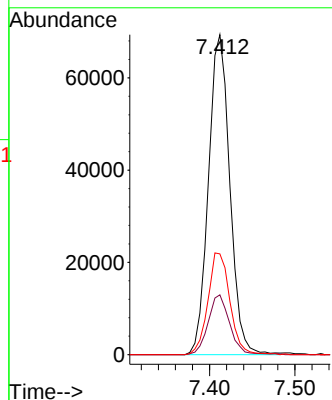
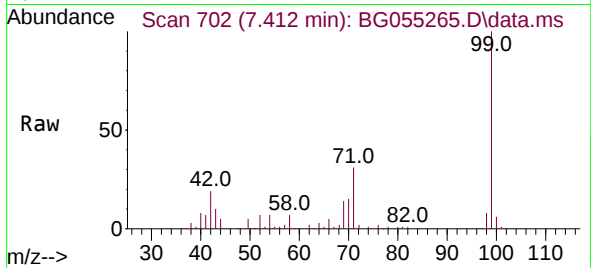




#7
Phenol-d6
Concen: 31.650 ng
RT: 7.412 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

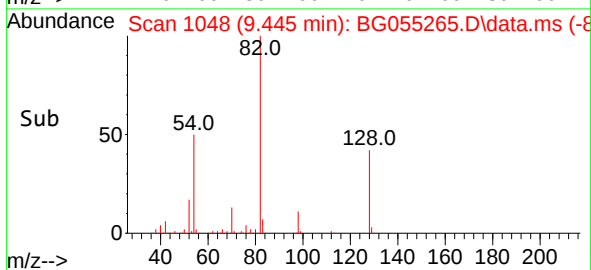
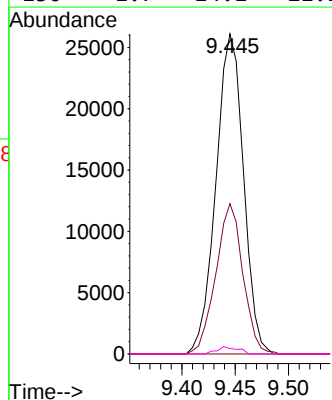
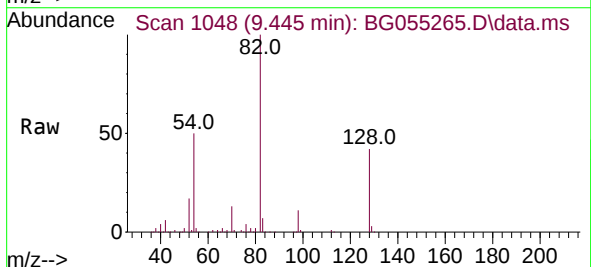
Instrument :
BNA_G
ClientSampleId :
1431-2

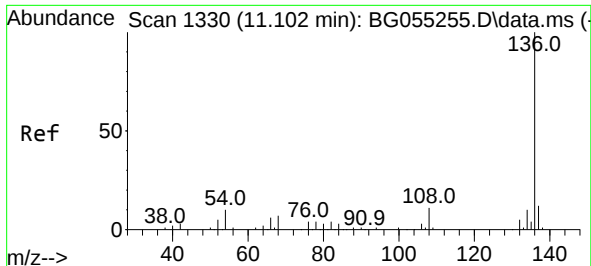
Tgt Ion: 99 Resp: 120635
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 31.5 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.820 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion: 70 Resp: 46907
Ion Ratio Lower Upper
70 100
42 46.9 45.8 68.6
101 0.0 7.4 11.0#
130 1.7 14.1 21.1#

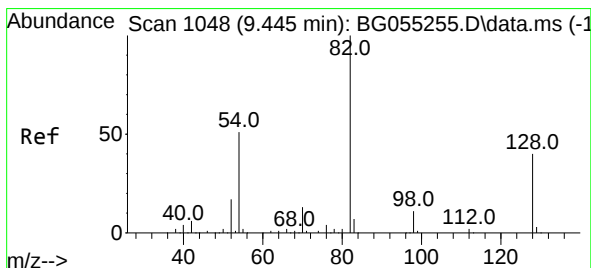
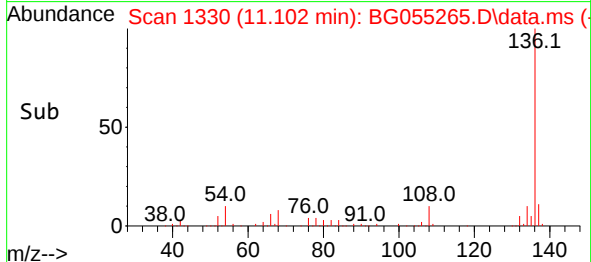
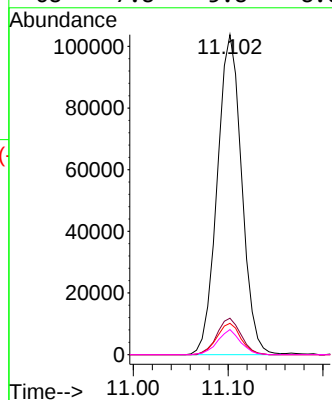
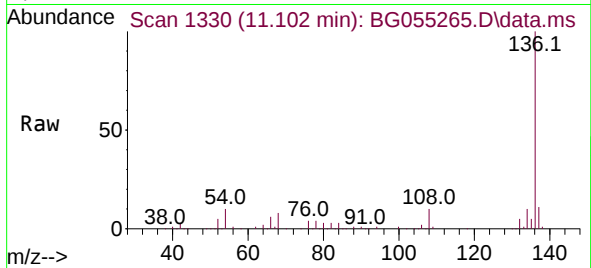




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

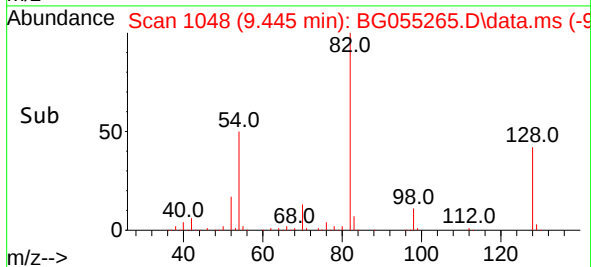
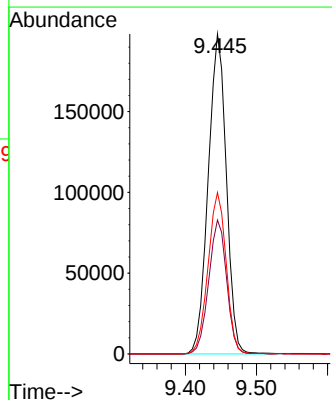
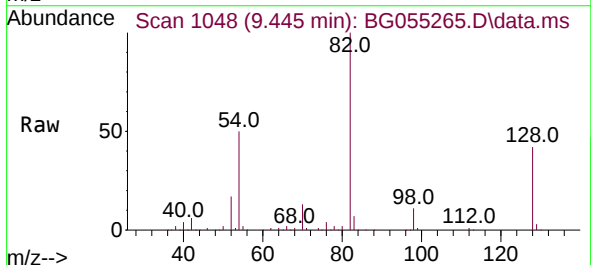
Instrument :
BNA_G
ClientSampleId :
1431-2

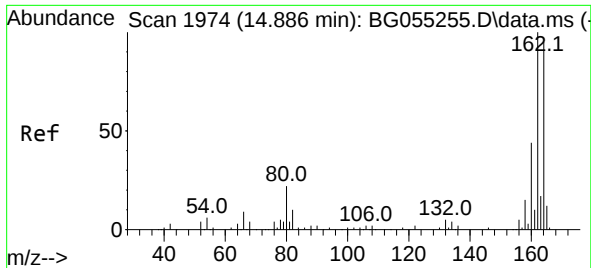
Tgt Ion:	136	Resp:	185610
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	9.8	7.8	11.8
68	7.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 96.197 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion:	82	Resp:	349665
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.0	48.0
54	50.4	40.9	61.3

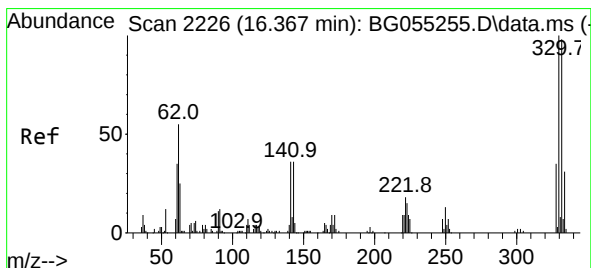
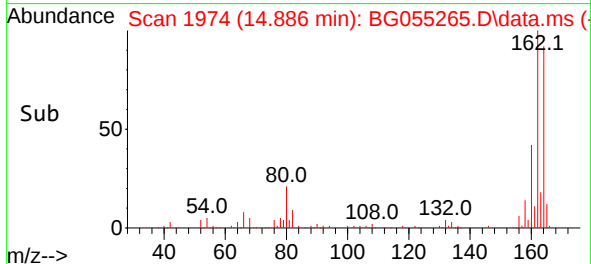
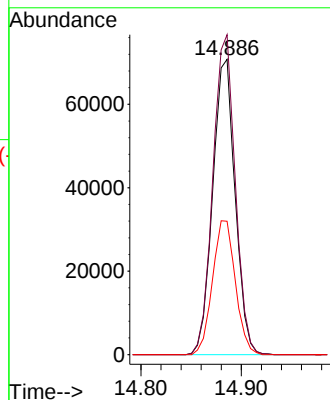
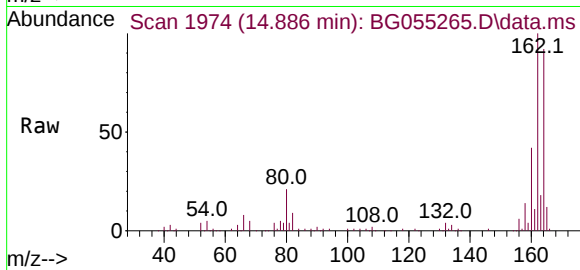




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

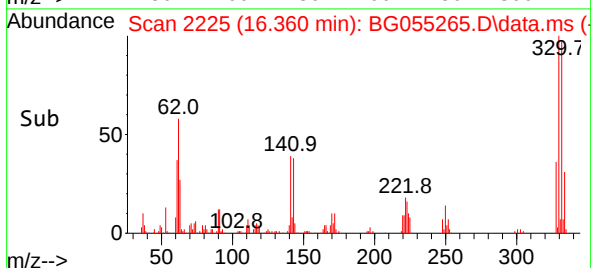
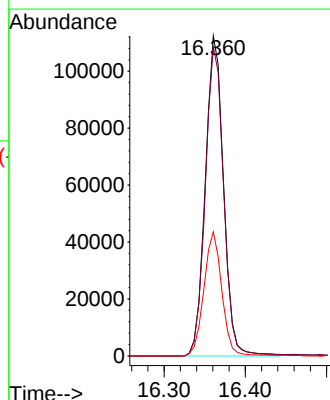
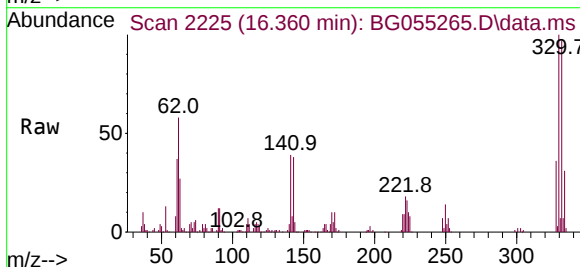
Instrument :
BNA_G
ClientSampleId :
1431-2

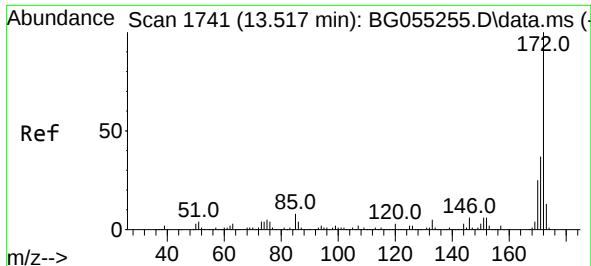
Tgt Ion:164 Resp: 109992
Ion Ratio Lower Upper
164 100
162 108.3 84.0 126.0
160 45.2 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 146.629 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion:330 Resp: 175326
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 38.2 29.8 44.8

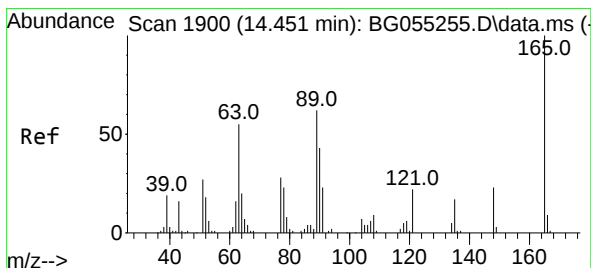
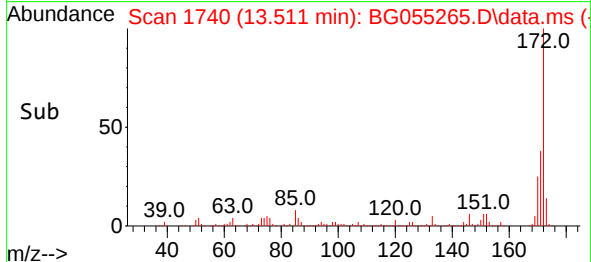
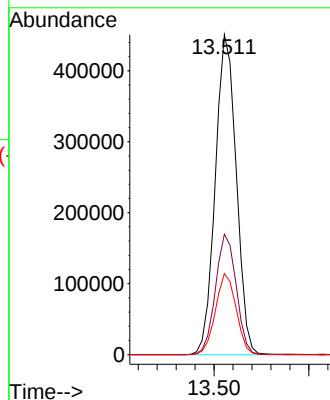
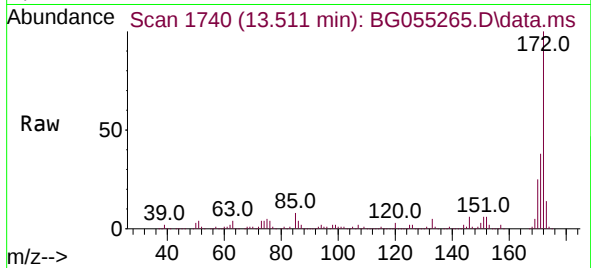




#45
2-Fluorobiphenyl
Concen: 103.165 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

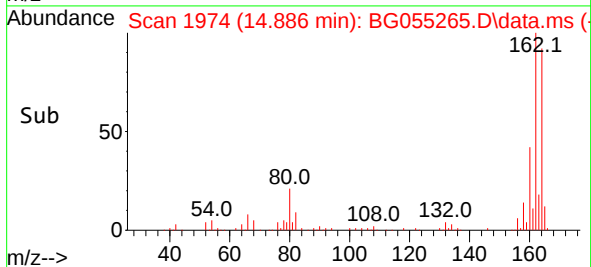
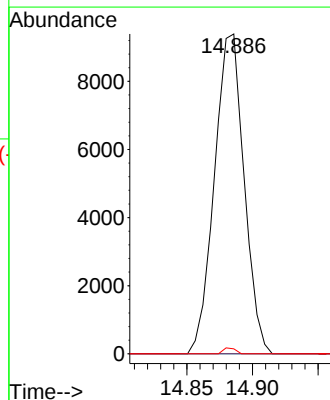
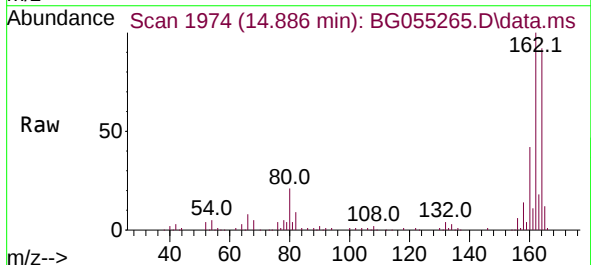
Instrument :
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1431-2

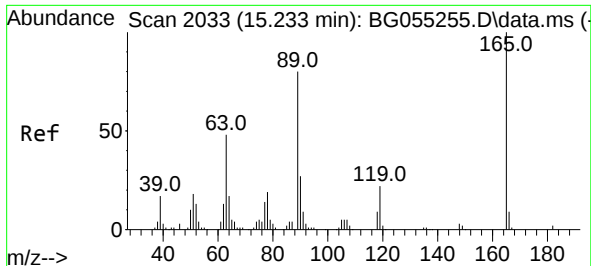
Tgt Ion:172 Resp: 693285
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.434 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

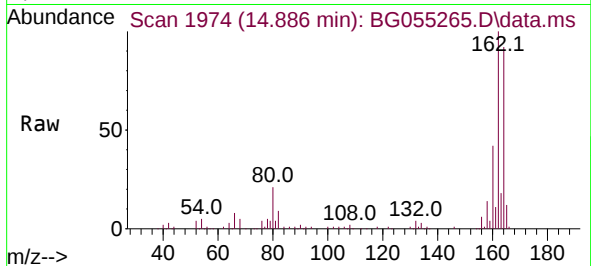
Tgt Ion:165 Resp: 14771
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 1.6 49.9 74.9#



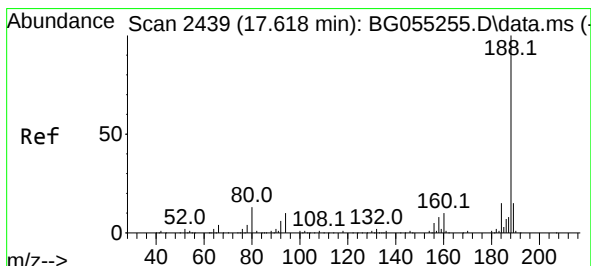
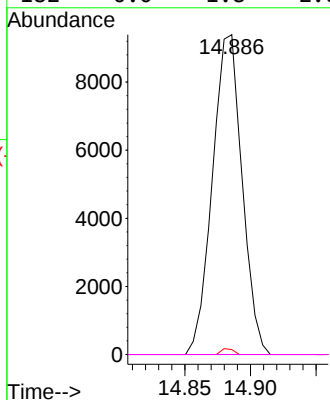
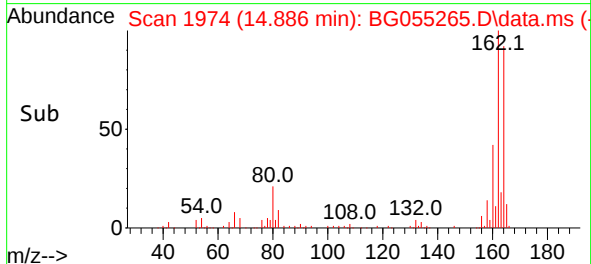


#57
2,4-Dinitrotoluene
Concen: 5.792 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

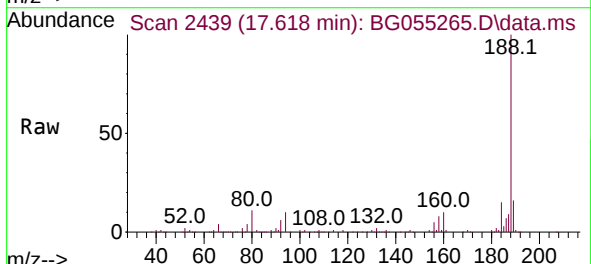
Instrument :
BNA_G
ClientSampleId :
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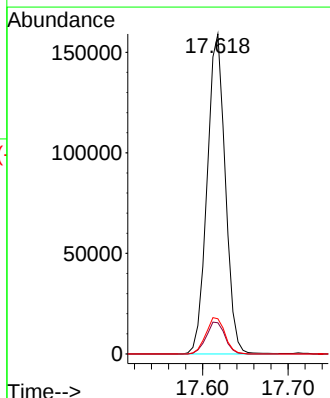
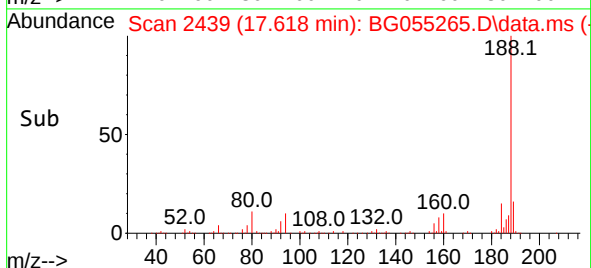
Tgt Ion:165 Resp: 14771
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 1.6 64.2 96.4#
182 0.0 1.8 2.6#

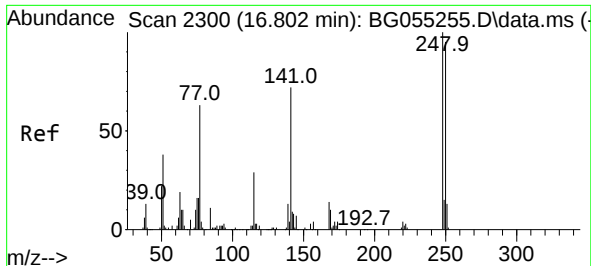


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51



Tgt Ion:188 Resp: 235183
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.0 10.1 15.1

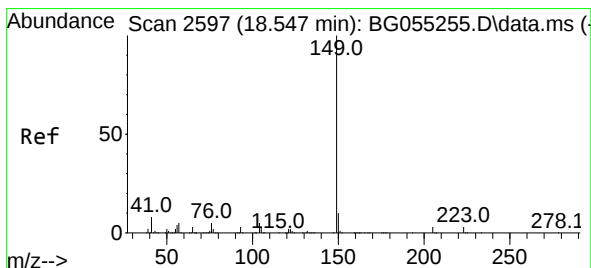
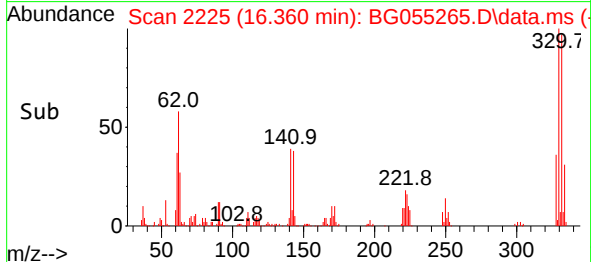
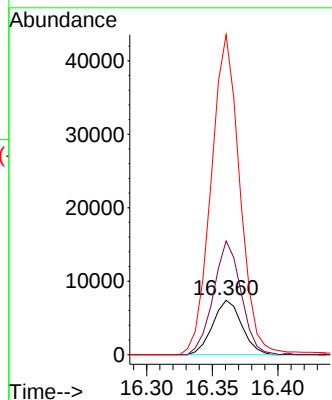
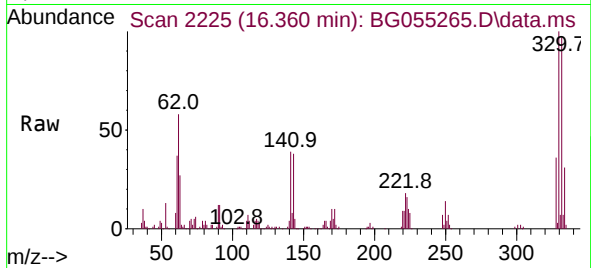




#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 16.360 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

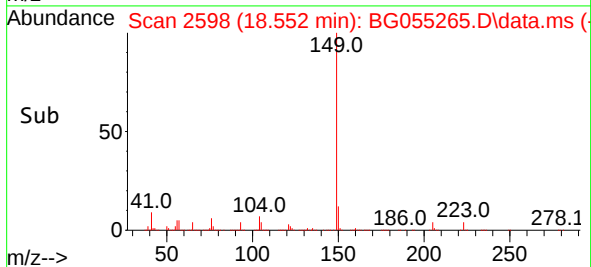
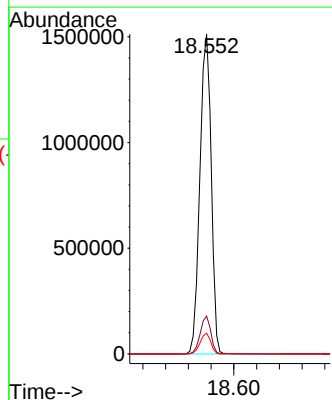
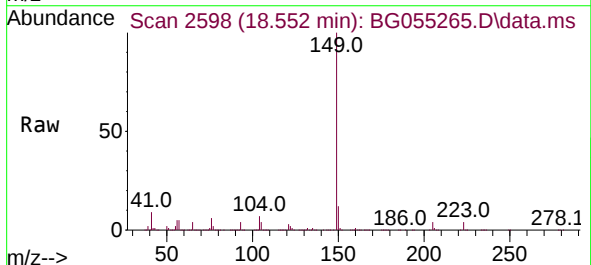
Instrument :
BNA_G
ClientSampleId :
1431-2

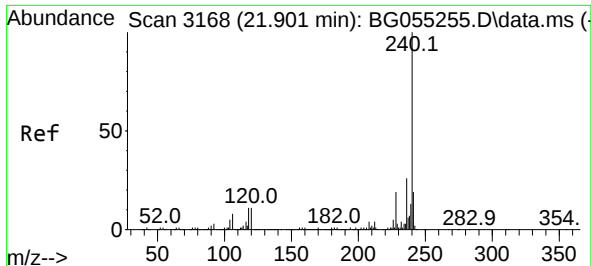
Tgt Ion:248 Resp: 11324
Ion Ratio Lower Upper
248 100
250 209.0 76.0 114.0#
141 588.4 58.0 87.0#



#74
Di-n-butylphthalate
Concen: 141.035 ng
RT: 18.552 min Scan# 2598
Delta R.T. 0.005 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion:149 Resp: 2079179
Ion Ratio Lower Upper
149 100
150 11.8 7.8 11.8#
104 6.5 4.2 6.4#

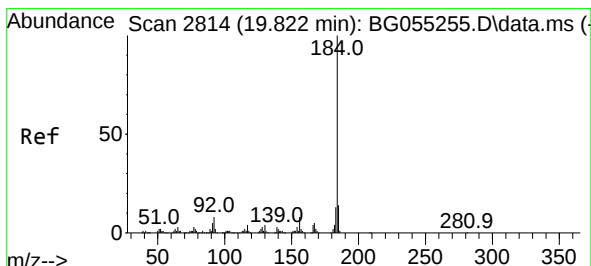
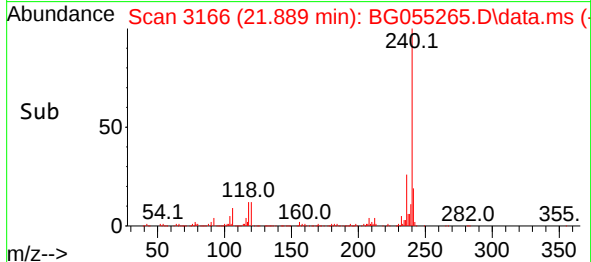
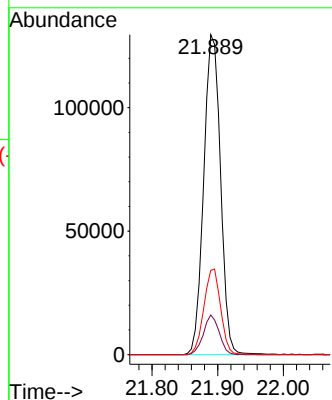
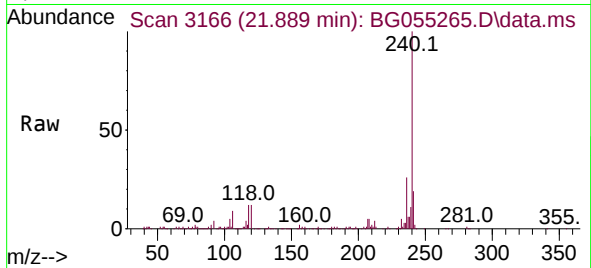




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

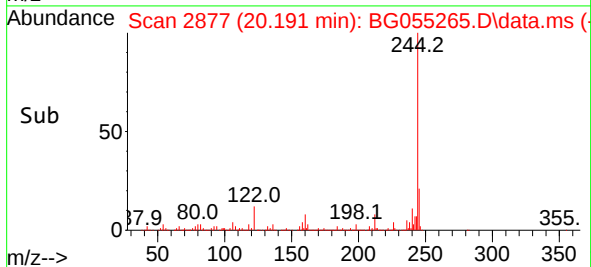
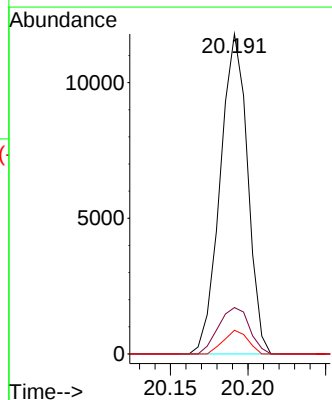
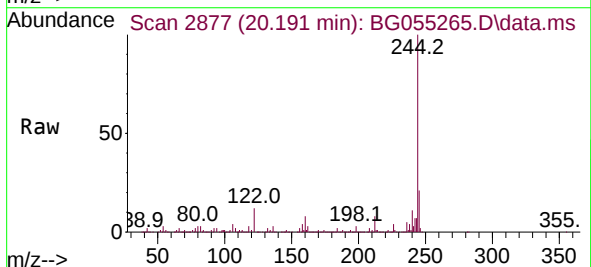
Instrument :
BNA_G
ClientSampleId :
1431-2

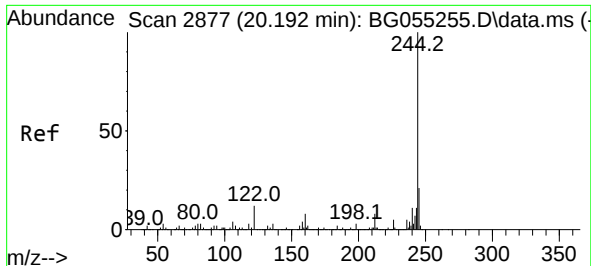
Tgt Ion:240 Resp: 229686
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.3 21.0 31.4



#77
Benzidine
Concen: 2.609 ng
RT: 20.191 min Scan# 2877
Delta R.T. 0.369 min
Lab File: BG055265.D
Acq: 24 Oct 2022 20:51

Tgt Ion:184 Resp: 14508
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.6
183 7.4 10.0 15.0#

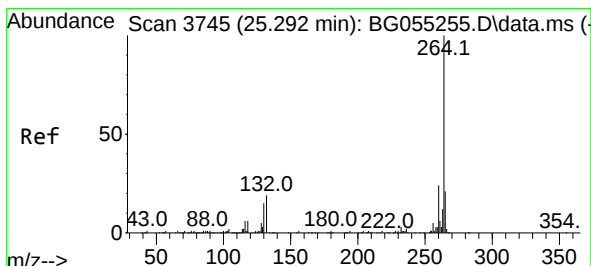
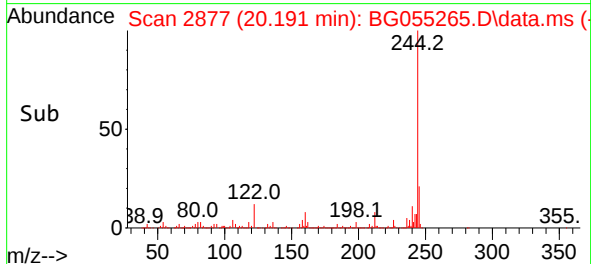
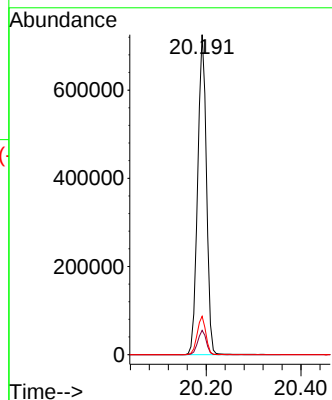
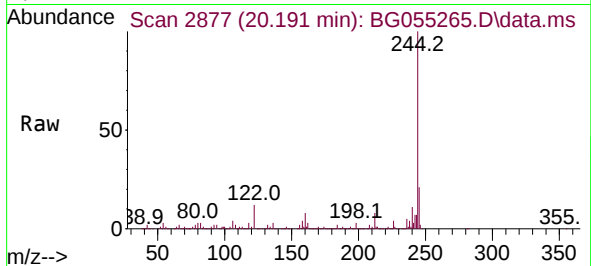




#79
 Terphenyl-d14
 Concen: 84.417 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055265.D
 Acq: 24 Oct 2022 20:51

Instrument :
 BNA_G
 ClientSampleId :
 1431-2

Tgt Ion:244 Resp: 933216
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 3744
 Delta R.T. -0.006 min
 Lab File: BG055265.D
 Acq: 24 Oct 2022 20:51

Tgt Ion:264 Resp: 237522
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.1 17.4 26.2

