

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053705.D
 Acq On : 25 May 2022 22:27
 Operator : CG/JU
 Sample : N2893-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P004-SS002-0006-01

Quant Time: May 26 02:53:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

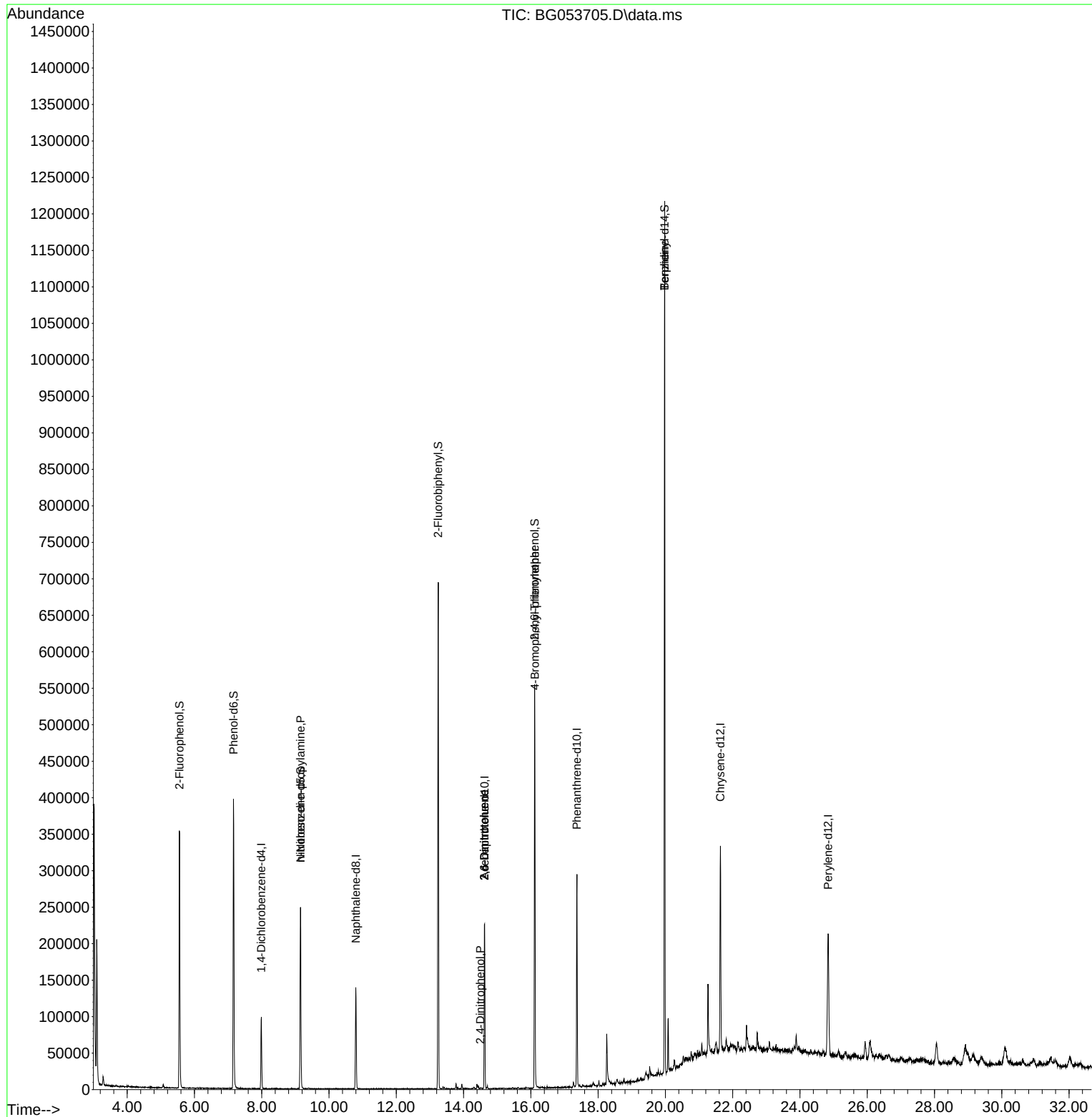
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	27580	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	112701	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	84127	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	183384	20.000	ng	# 0.00
76) Chrysene-d12	21.635	240	173724	20.000	ng	0.00
86) Perylene-d12	24.837	264	181183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	146870	90.376	ng	0.00
7) Phenol-d6	7.161	99	221947	89.991	ng	0.00
23) Nitrobenzene-d5	9.152	82	156029	58.934	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	110288	88.886	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	358859	62.334	ng	0.00
79) Terphenyl-d14	19.979	244	589949	63.248	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.152	70	22554	12.745	ng	# 76
51) 2,6-Dinitrotoluene	14.621	165	11220	8.615	ng	# 16
54) 2,4-Dinitrophenol	14.498	184	60	6.311	ng	# 11
57) 2,4-Dinitrotoluene	14.621	165	11220	5.943	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	7199	3.361	ng	# 1
77) Benzidine	19.979	184	10443	2.789	ng	# 91

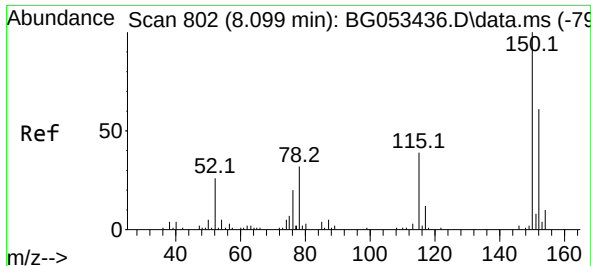
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
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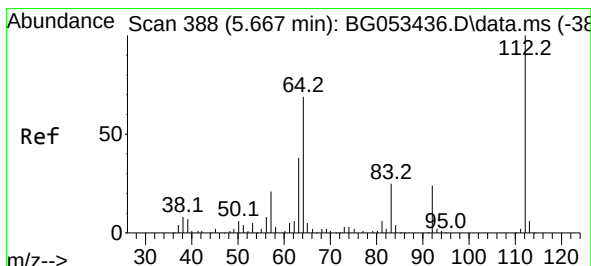
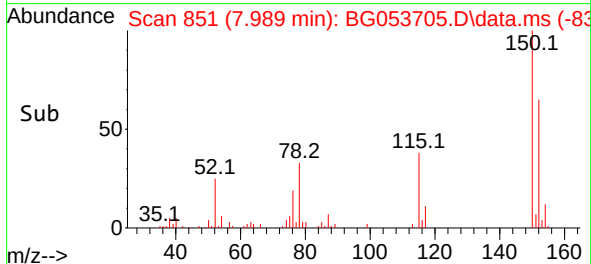
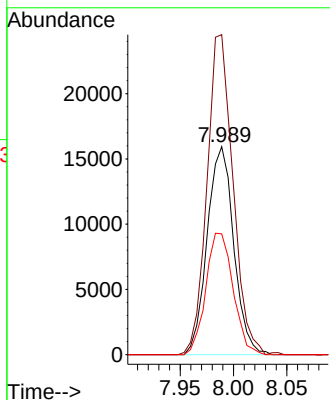
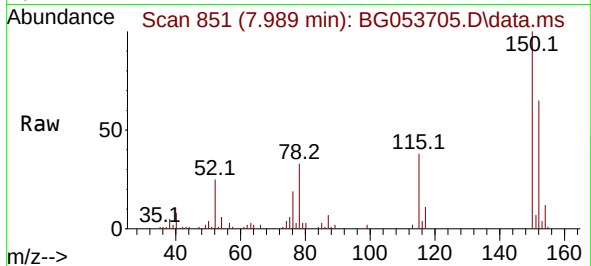




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

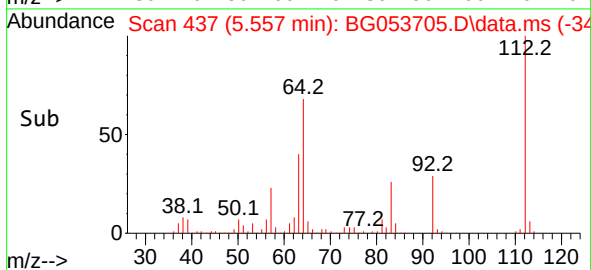
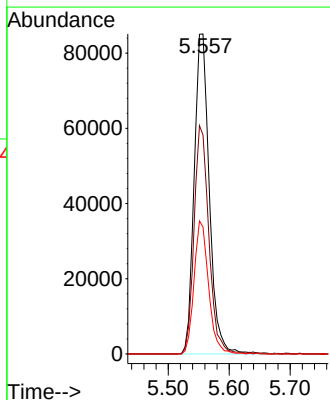
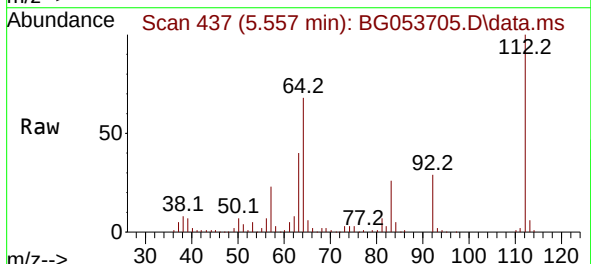
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

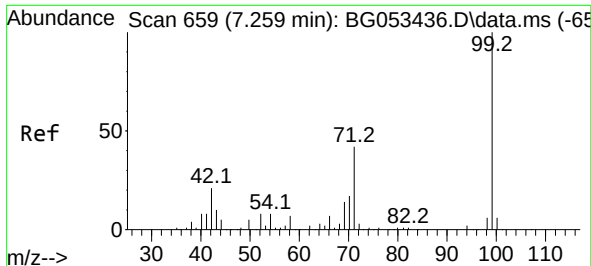
Tgt Ion:152 Resp: 27580
Ion Ratio Lower Upper
152 100
150 153.8 131.6 197.4
115 58.0 50.9 76.3



#5
2-Fluorophenol
Concen: 90.376 ng
RT: 5.557 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:112 Resp: 146870
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 39.7 30.4 45.6

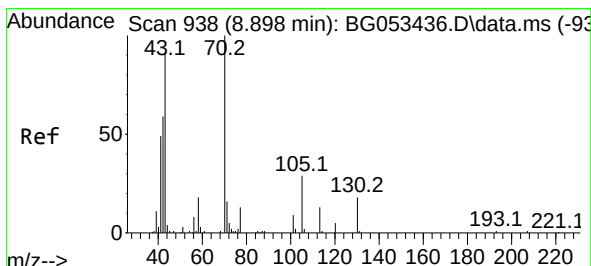
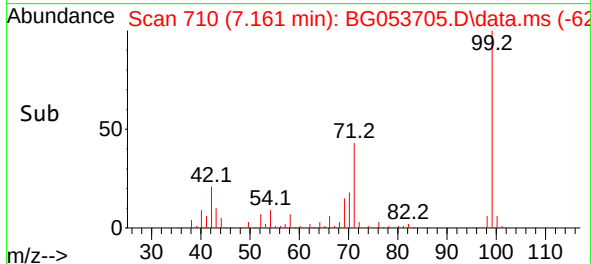
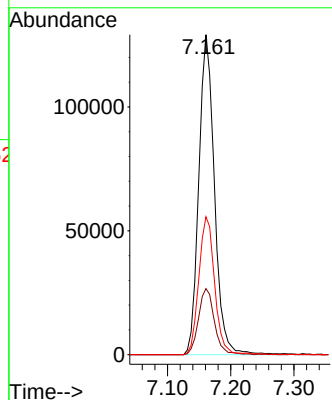
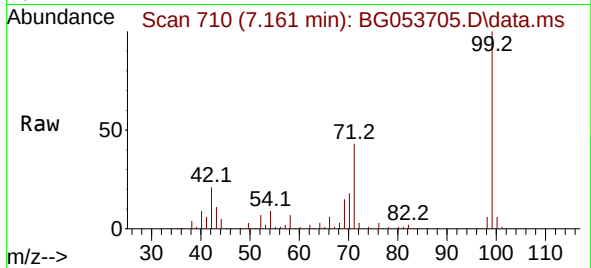




#7
Phenol-d6
Concen: 89.991 ng
RT: 7.161 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

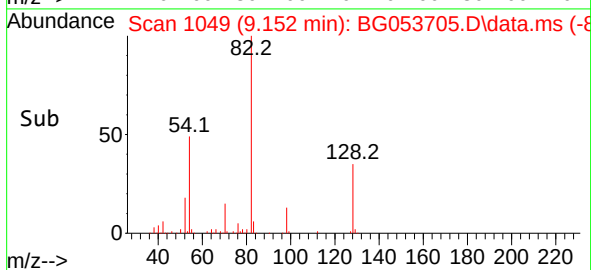
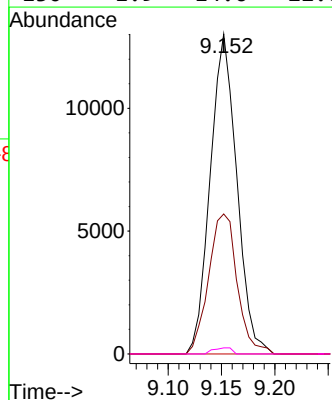
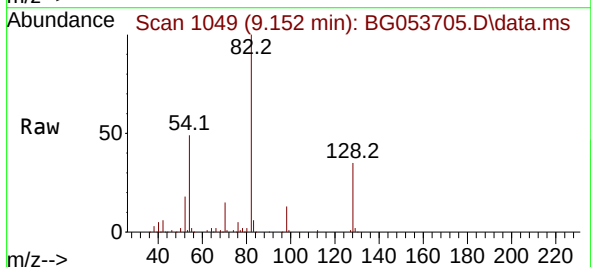
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

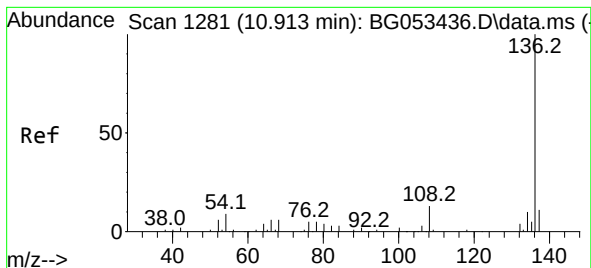
Tgt Ion: 99 Resp: 221947
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 43.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.745 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.355 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion: 70 Resp: 22554
Ion Ratio Lower Upper
70 100
42 43.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053705.D

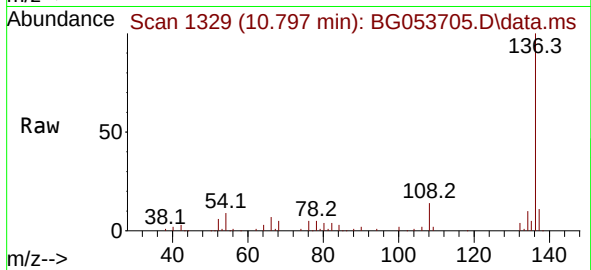
Acq: 25 May 2022 22:27

Instrument :

BNA_G

ClientSampleId :

P004-SS002-0006-01



Tgt Ion:136 Resp: 112701

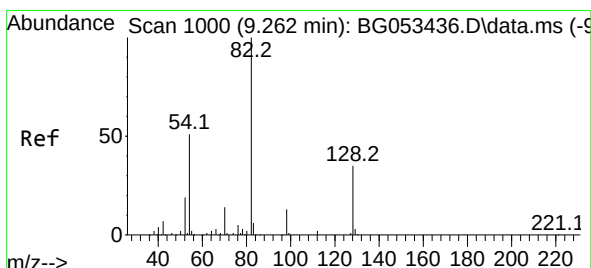
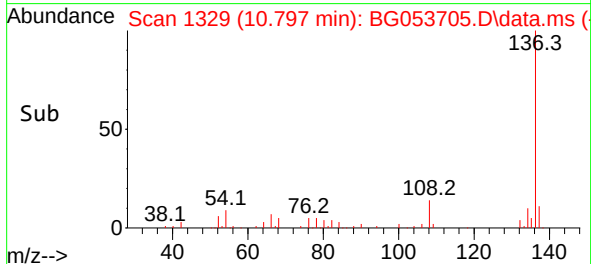
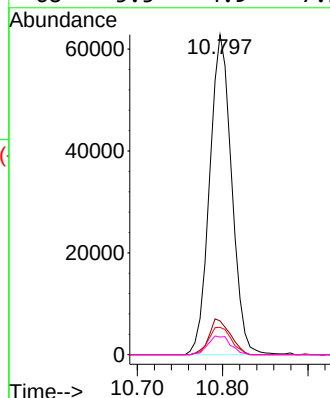
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.6 7.4 11.2

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 58.934 ng

RT: 9.152 min Scan# 1049

Delta R.T. -0.003 min

Lab File: BG053705.D

Acq: 25 May 2022 22:27

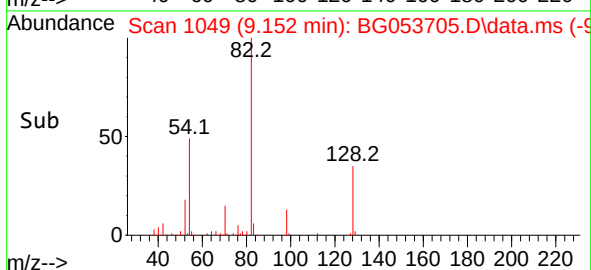
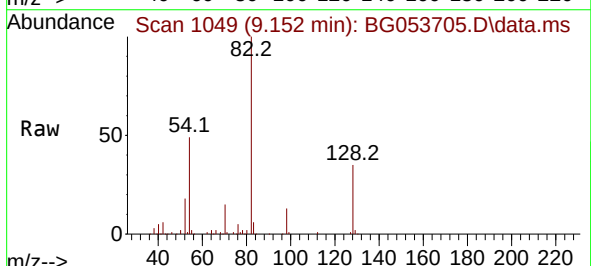
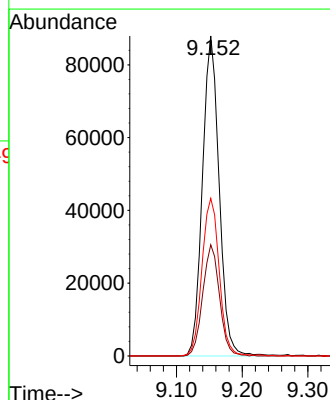
Tgt Ion: 82 Resp: 156029

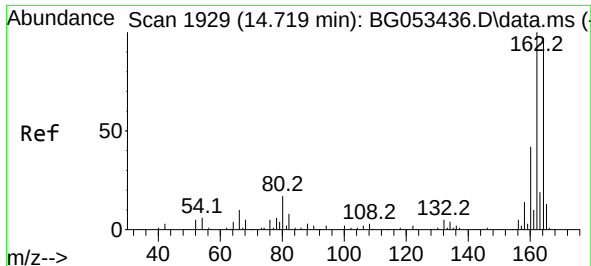
Ion Ratio Lower Upper

82 100

128 34.8 27.9 41.9

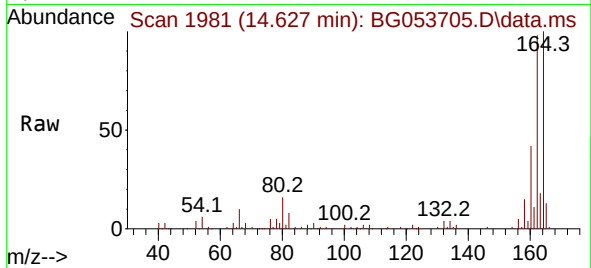
54 49.2 41.2 61.8



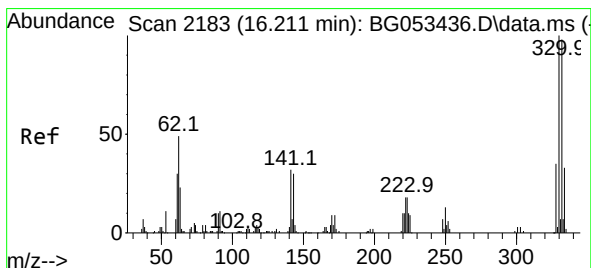
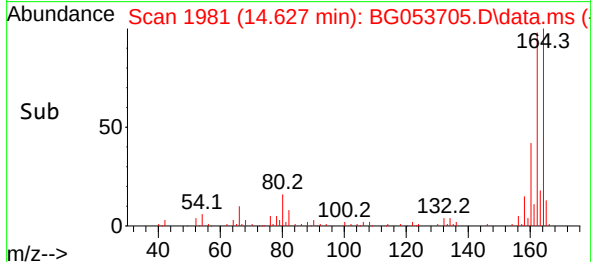
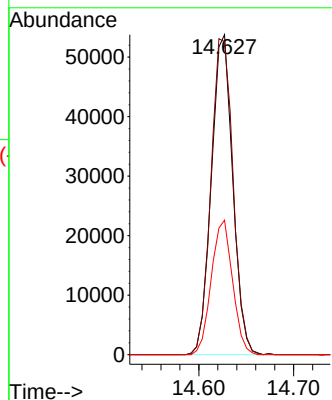


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

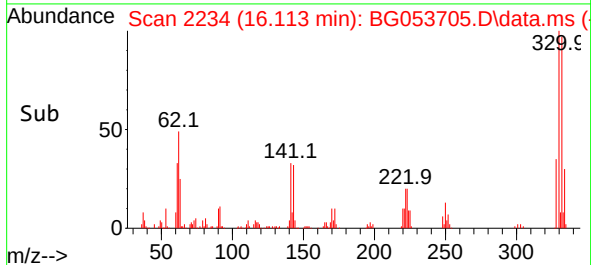
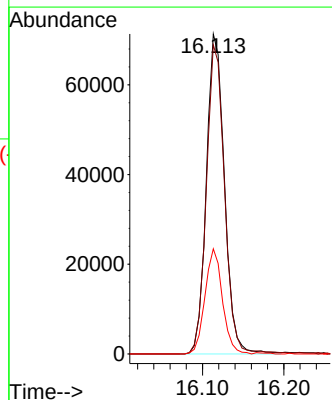
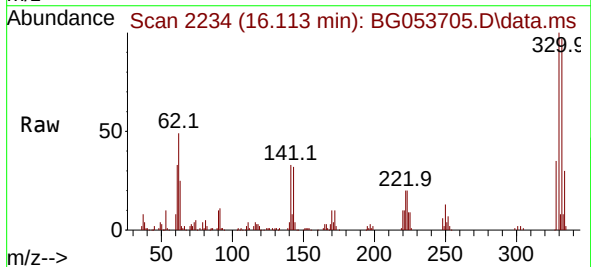


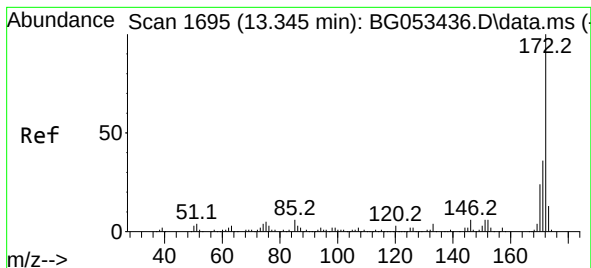
Tgt Ion:164 Resp: 84127
Ion Ratio Lower Upper
164 100
162 97.8 82.3 123.5
160 42.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 88.886 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:330 Resp: 110288
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 31.7 27.1 40.7

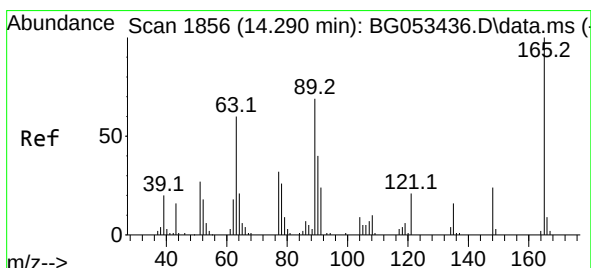
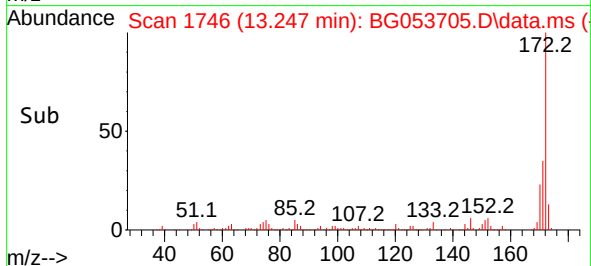
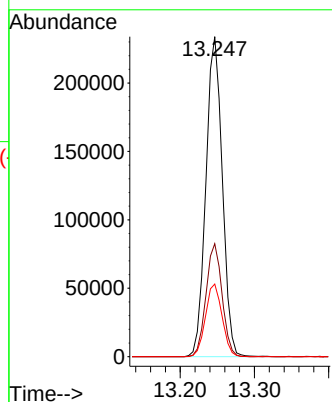
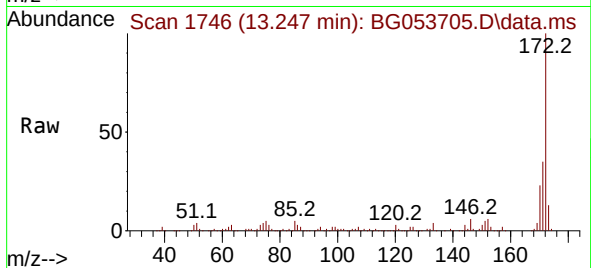




#45
2-Fluorobiphenyl
Concen: 62.334 ng
RT: 13.247 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

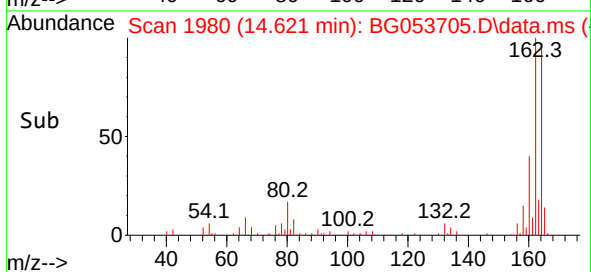
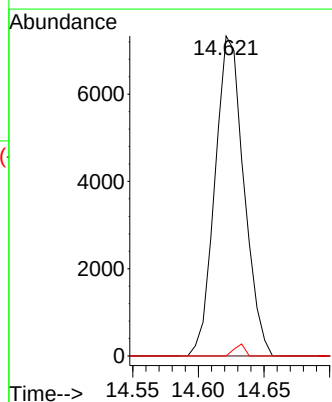
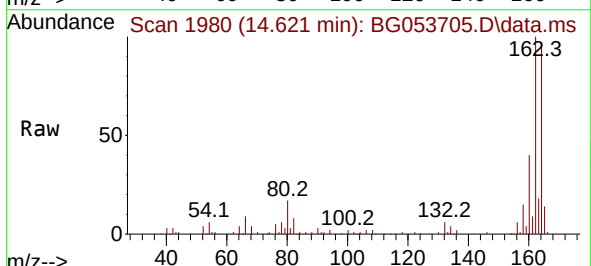
Instrument :
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ClientSampleId :
P004-SS002-0006-01

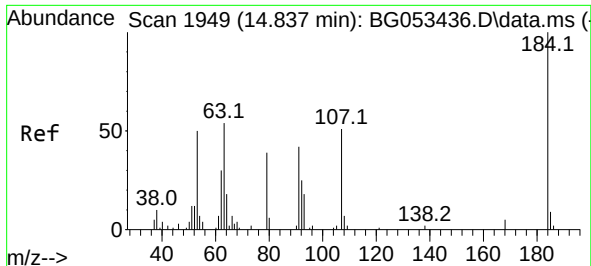
Tgt Ion:172 Resp: 358859
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.420 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:165 Resp: 11220
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

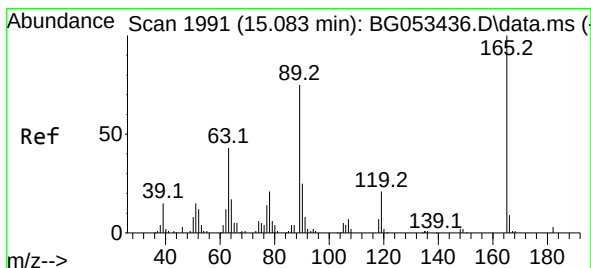
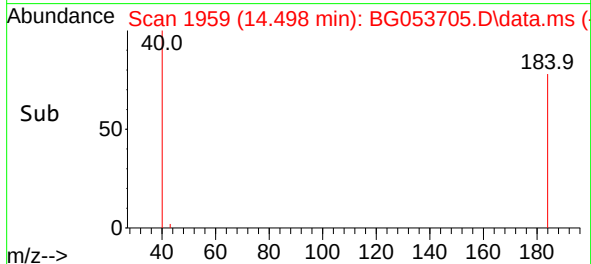
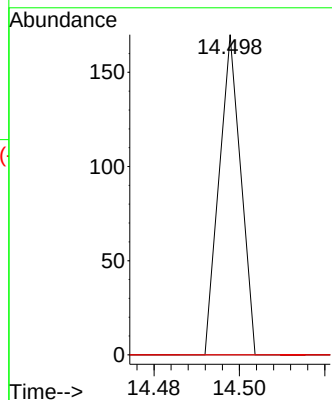
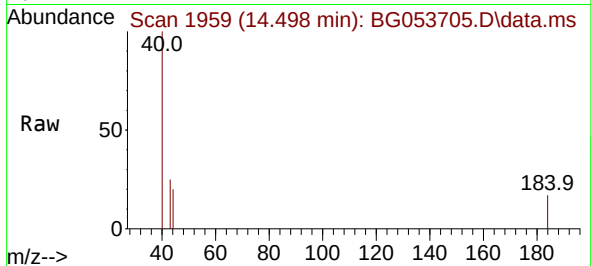




#54
2,4-Dinitrophenol
Concen: 6.311 ng
RT: 14.498 min Scan# 1959
Delta R.T. -0.256 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

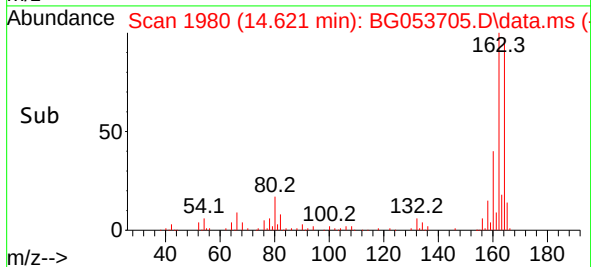
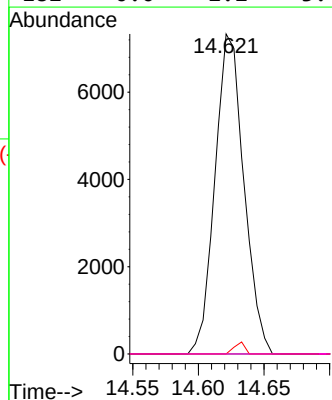
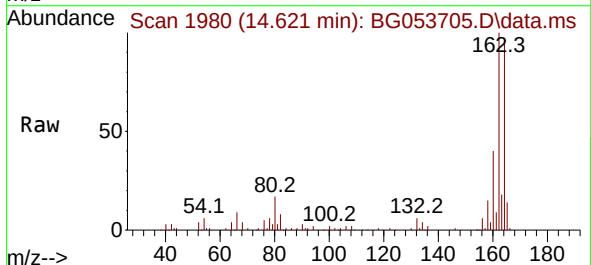
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

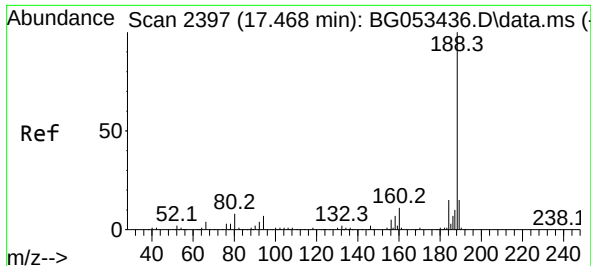
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#57
2,4-Dinitrotoluene
Concen: 5.943 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.373 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:165 Resp: 11220
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#

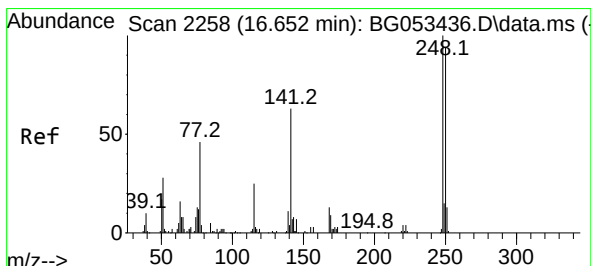
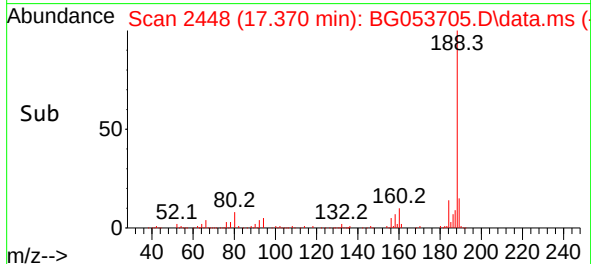
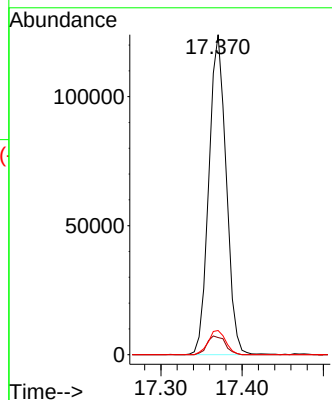
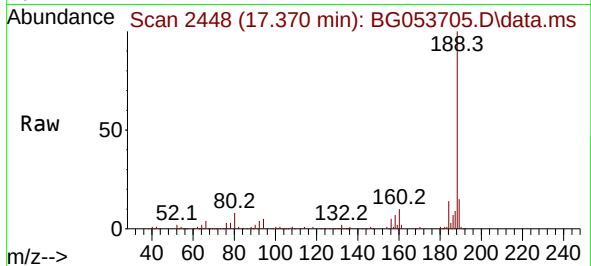




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

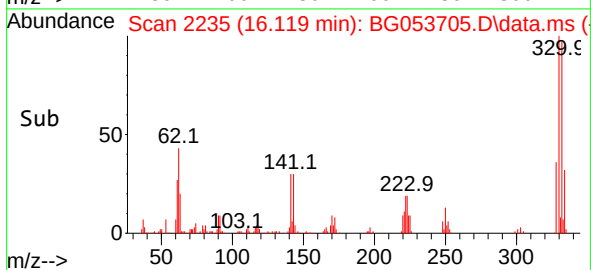
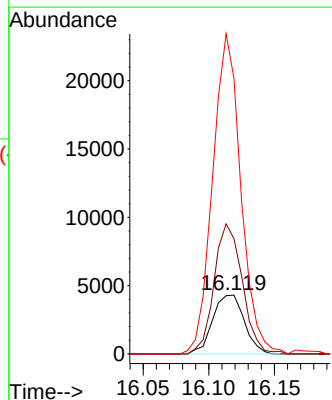
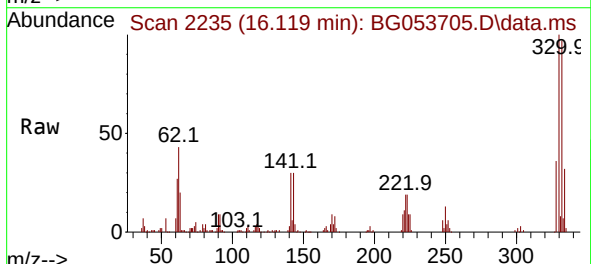
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

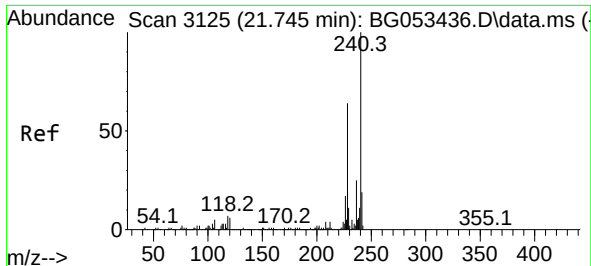
Tgt Ion:188 Resp: 183384
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 7.5 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.361 ng
RT: 16.119 min Scan# 2235
Delta R.T. -0.432 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:248 Resp: 7199
Ion Ratio Lower Upper
248 100
250 196.1 75.2 112.8#
141 468.9 50.0 75.0#

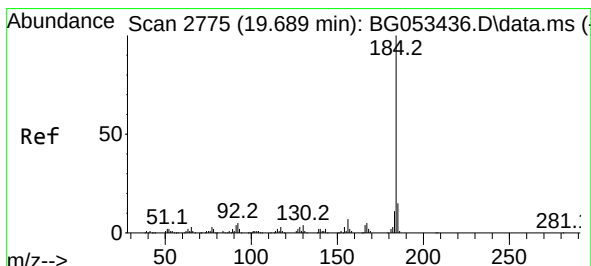
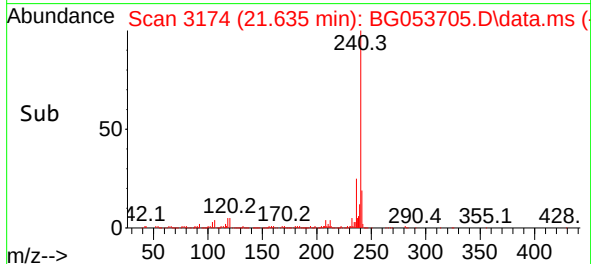
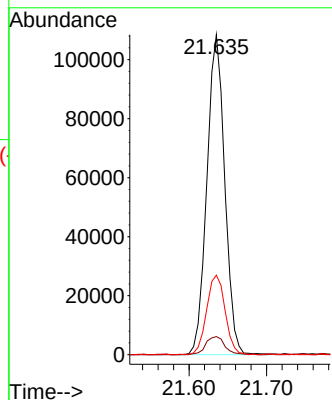
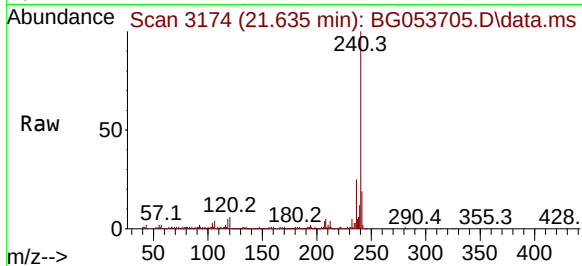




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.635 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

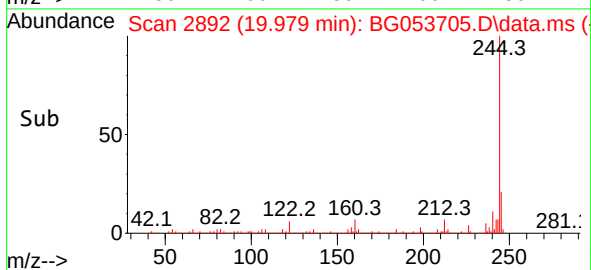
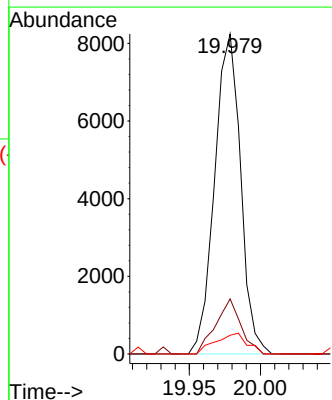
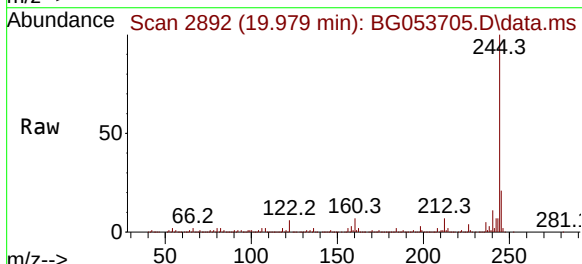
Instrument :
BNA_G
ClientSampleId :
P004-SS002-0006-01

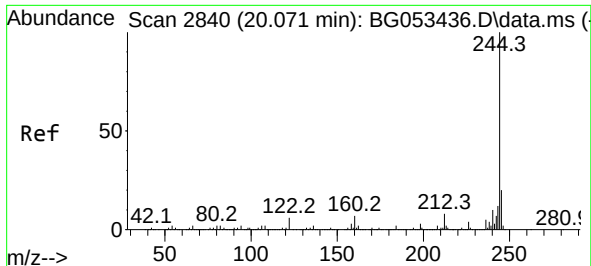
Tgt Ion:240 Resp: 173724
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.9 20.2 30.4



#77
Benzidine
Concen: 2.789 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.379 min
Lab File: BG053705.D
Acq: 25 May 2022 22:27

Tgt Ion:184 Resp: 10443
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 5.8 8.9 13.3#

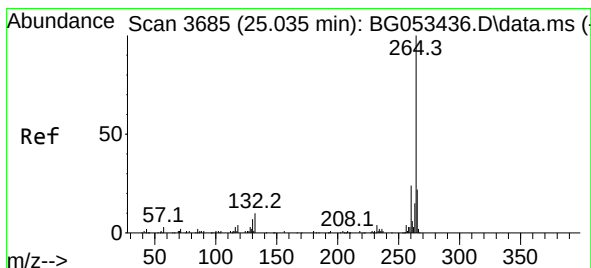
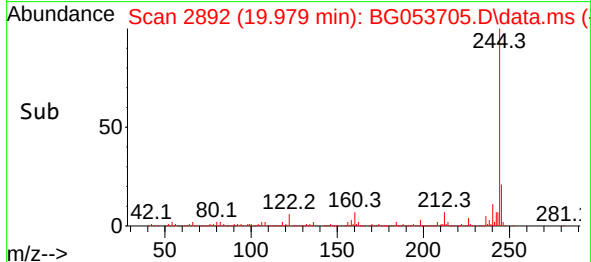
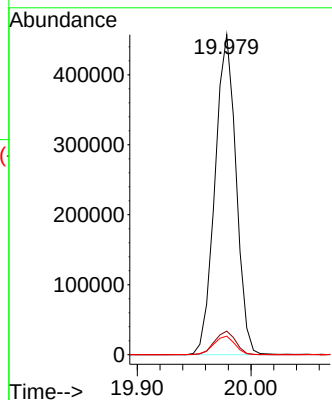
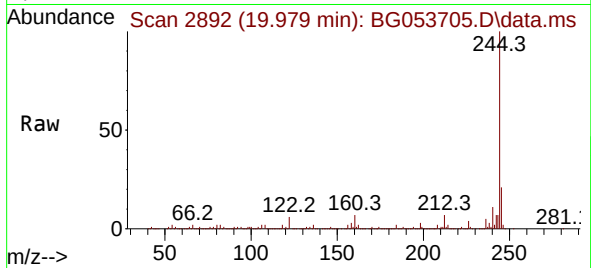




#79
 Terphenyl-d14
 Concen: 63.248 ng
 RT: 19.979 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053705.D
 Acq: 25 May 2022 22:27

Instrument :
 BNA_G
 ClientSampleId :
 P004-SS002-0006-01

Tgt Ion:244 Resp: 589949
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.837 min Scan# 3719
 Delta R.T. -0.003 min
 Lab File: BG053705.D
 Acq: 25 May 2022 22:27

Tgt Ion:264 Resp: 181183
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.2 17.4 26.2

