

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053703.D
 Acq On : 25 May 2022 21:08
 Operator : CG/JU
 Sample : N2923-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS008-0006-01

Quant Time: May 26 02:52:51 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)

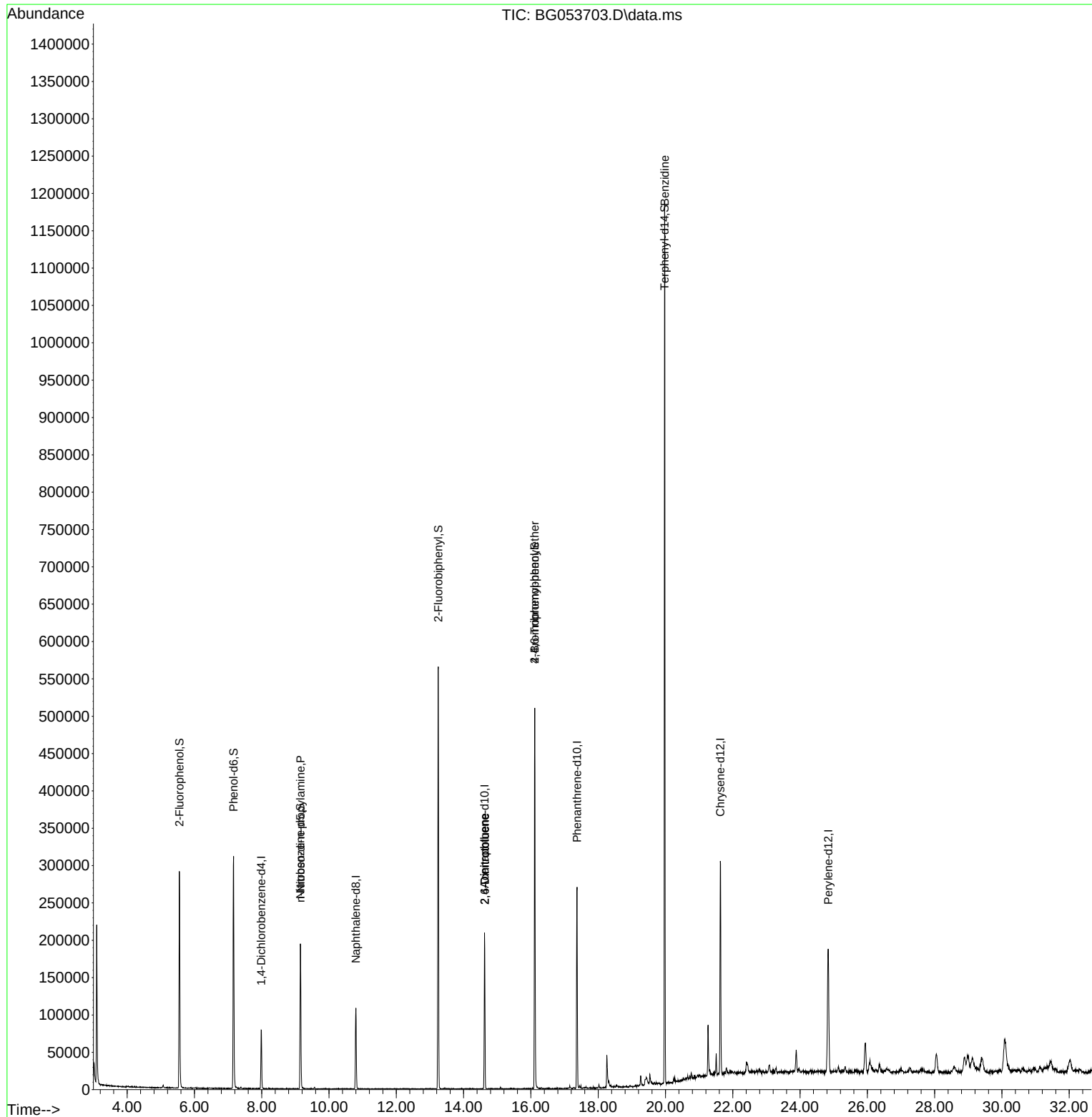
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	22247	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	88414	20.000	ng	0.00
39) Acenaphthene-d10	14.623	164	73173	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	179867	20.000	ng	0.00
76) Chrysene-d12	21.631	240	179815	20.000	ng	0.00
86) Perylene-d12	24.838	264	181727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.553	112	116690	89.018	ng	0.00
7) Phenol-d6	7.162	99	180426	90.692	ng	0.00
23) Nitrobenzene-d5	9.148	82	125923	60.628	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	105550	97.802	ng	0.00
45) 2-Fluorobiphenyl	13.248	172	302898	60.489	ng	0.00
79) Terphenyl-d14	19.974	244	589850	61.095	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.154	70	17813	12.479	ng	# 71
51) 2,6-Dinitrotoluene	14.629	165	9555	8.435	ng	# 16
57) 2,4-Dinitrotoluene	14.629	165	9555	5.819	ng	# 21
67) 4-Bromophenyl-phenylether	16.115	248	6463	3.077	ng	# 1
77) Benzidine	19.980	184	9435	2.434	ng	# 94

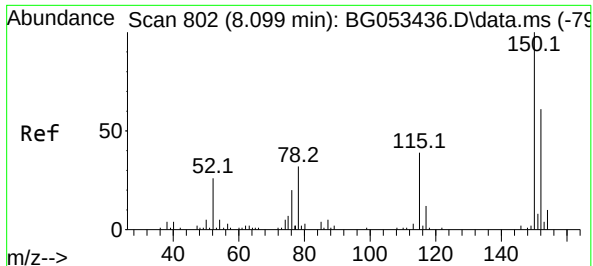
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053703.D
Acq On : 25 May 2022 21:08
Operator : CG/JU
Sample : N2923-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

Quant Time: May 26 02:52:51 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

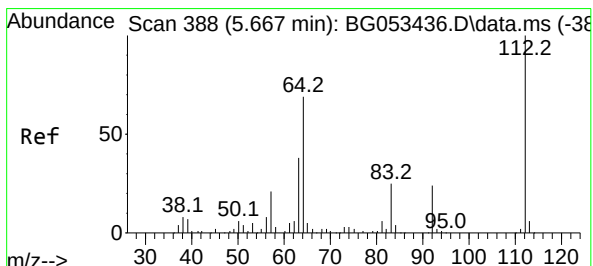
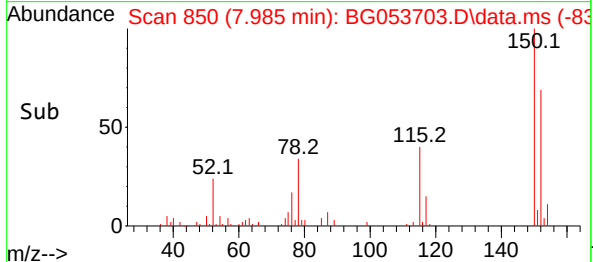
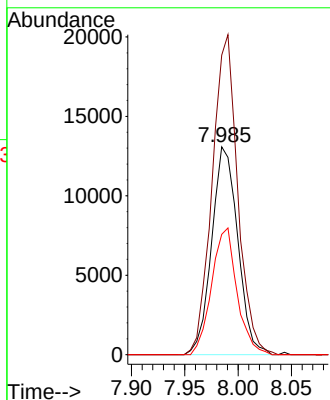
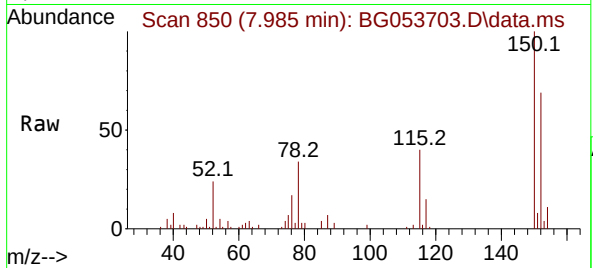




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

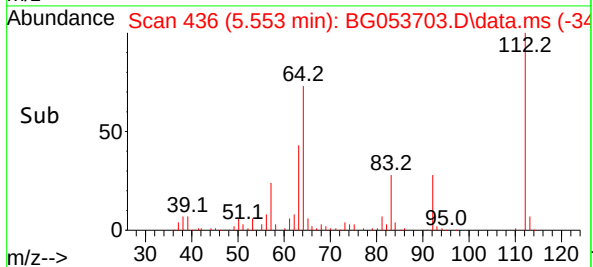
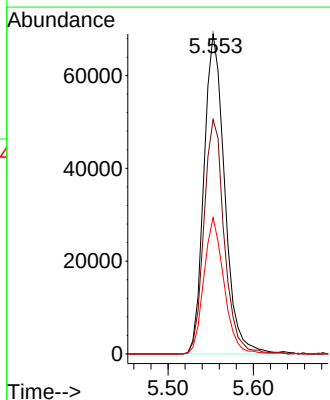
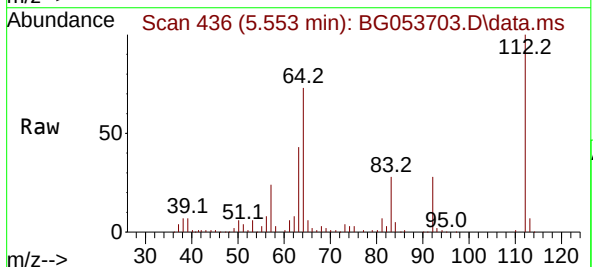
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

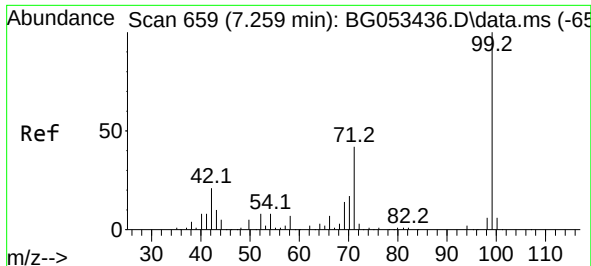
Tgt Ion:152 Resp: 22247
Ion Ratio Lower Upper
152 100
150 144.1 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 89.018 ng
RT: 5.553 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion:112 Resp: 116690
Ion Ratio Lower Upper
112 100
64 73.3 55.1 82.7
63 42.6 30.4 45.6

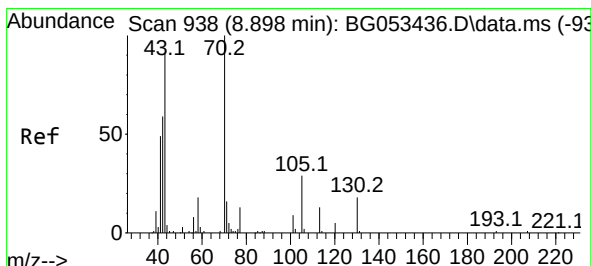
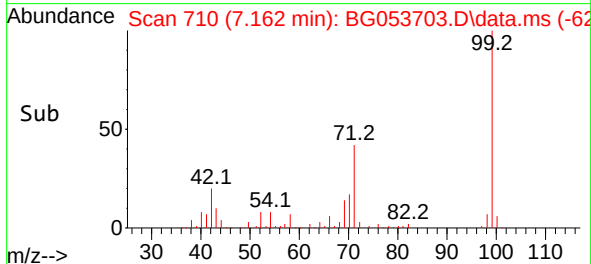
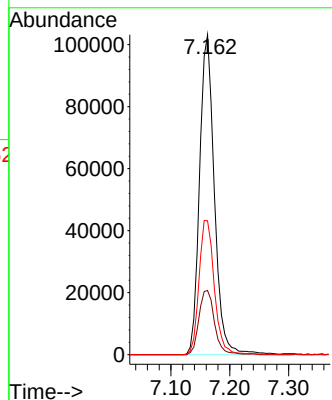
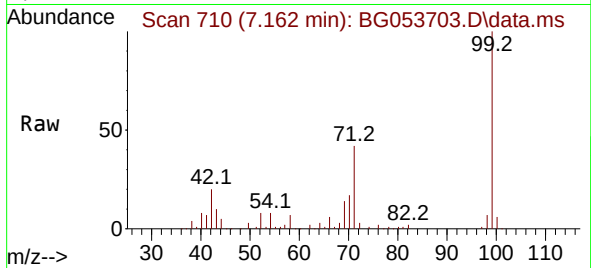




#7
Phenol-d6
Concen: 90.692 ng
RT: 7.162 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

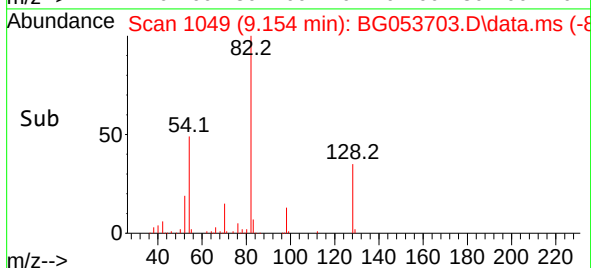
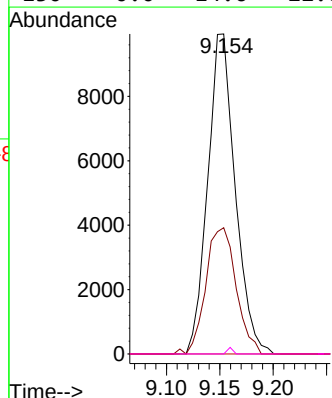
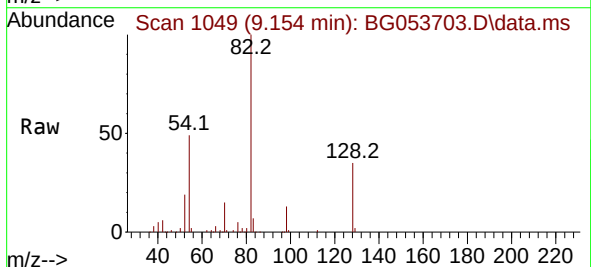
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

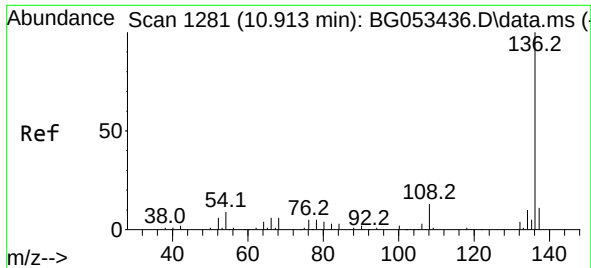
Tgt Ion: 99 Resp: 180426
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.479 ng
RT: 9.154 min Scan# 1049
Delta R.T. 0.357 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion: 70 Resp: 17813
Ion Ratio Lower Upper
70 100
42 39.5 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

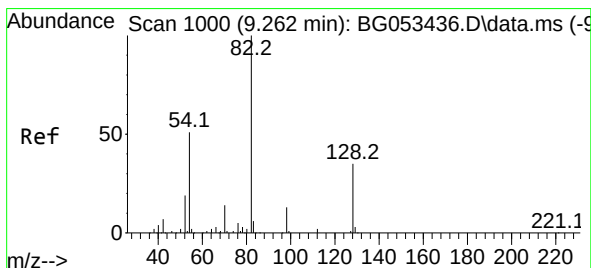
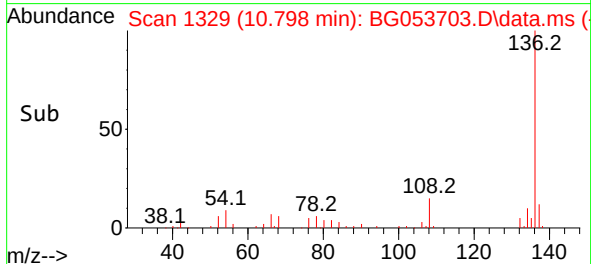
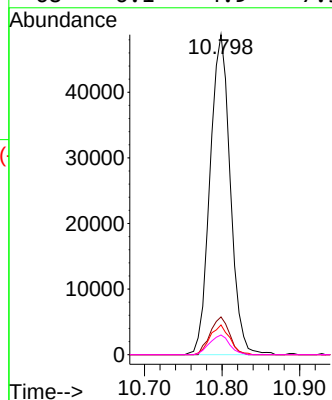
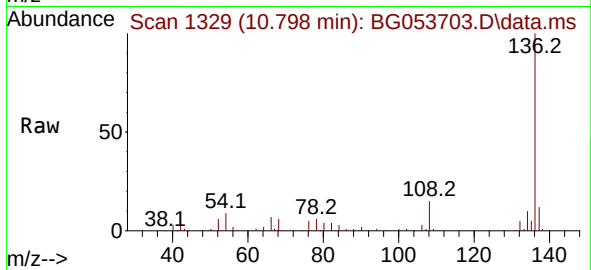




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

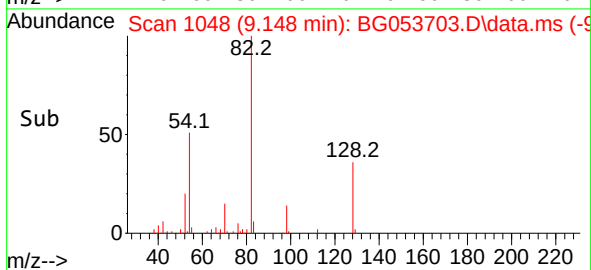
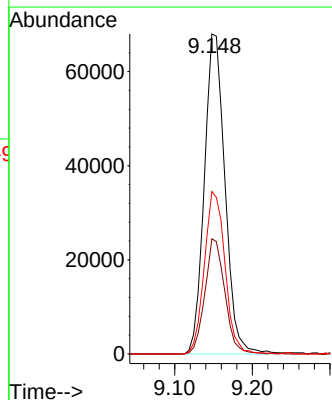
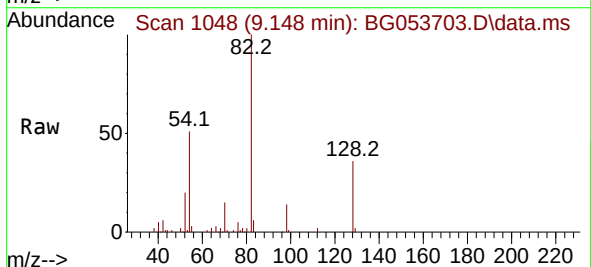
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

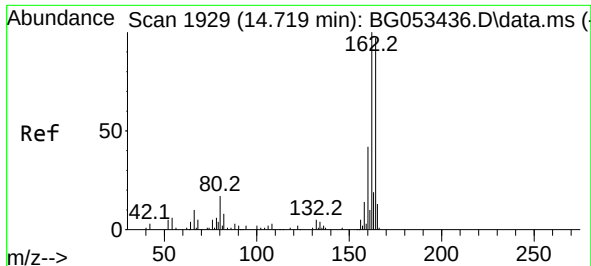
Tgt Ion:136	Resp:	88414
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.5 12.7
54	9.3	7.4 11.2
68	6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 60.628 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion: 82	Resp:	125923
Ion Ratio	Lower	Upper
82	100	
128	36.0	27.9 41.9
54	50.8	41.2 61.8

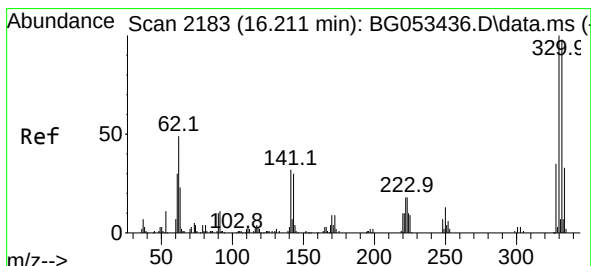
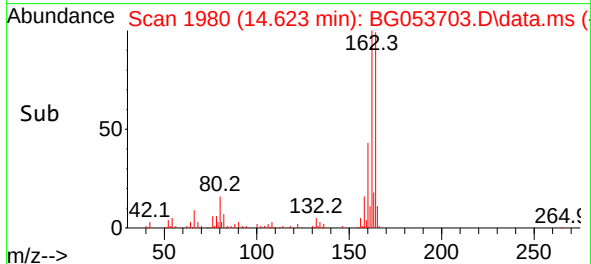
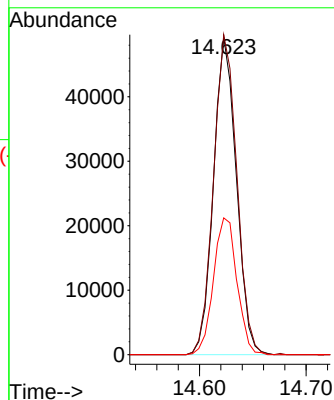
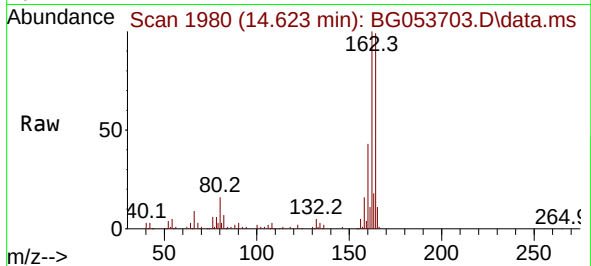




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.623 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

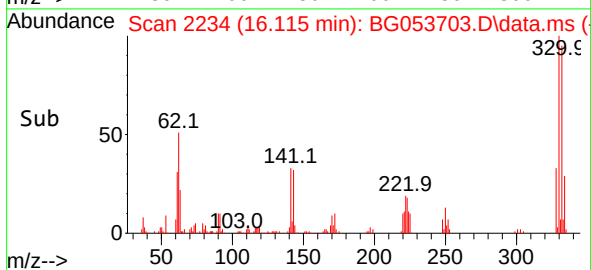
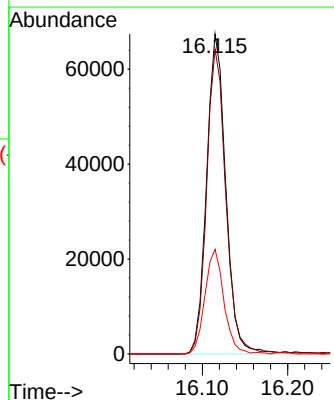
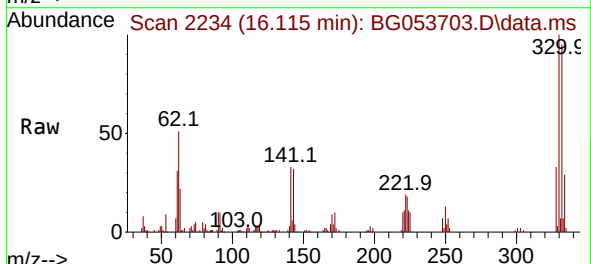
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

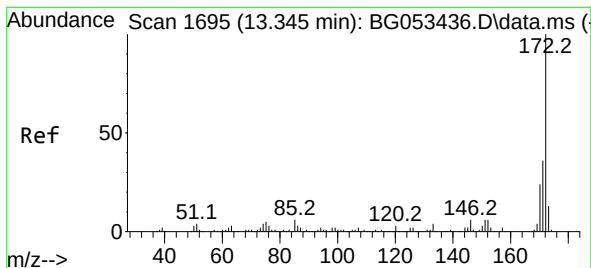
Tgt Ion:164 Resp: 73173
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 43.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 97.802 ng
RT: 16.115 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion:330 Resp: 105550
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 32.4 27.1 40.7

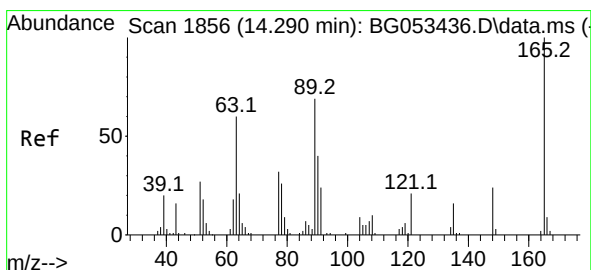
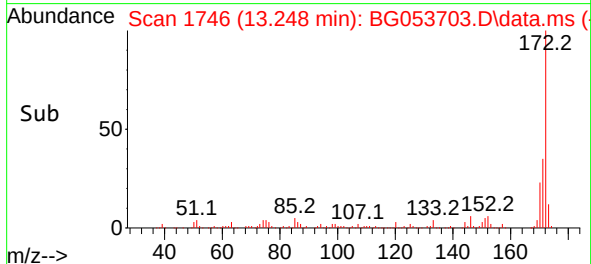
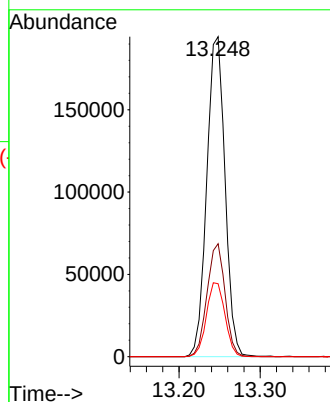
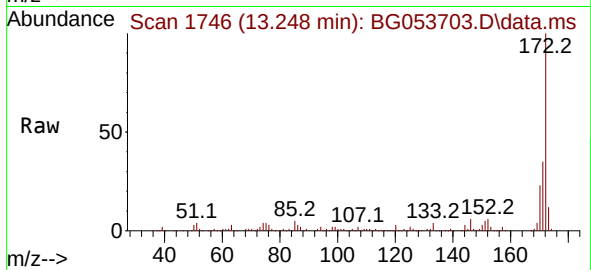




#45
2-Fluorobiphenyl
Concen: 60.489 ng
RT: 13.248 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

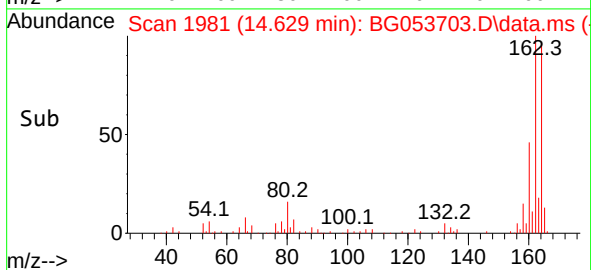
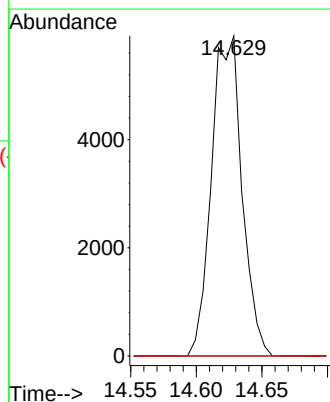
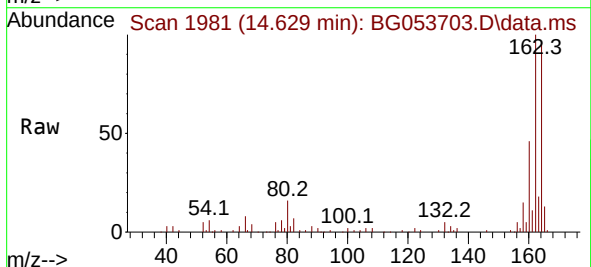
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

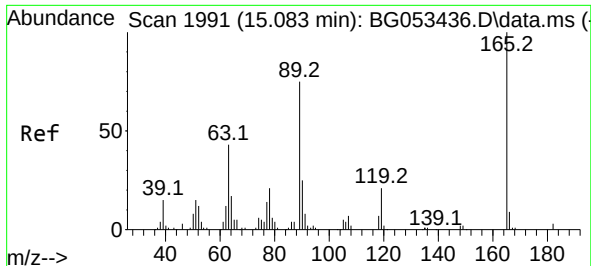
Tgt Ion:172 Resp: 302898
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.435 ng
RT: 14.629 min Scan# 1981
Delta R.T. 0.427 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion:165 Resp: 9555
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

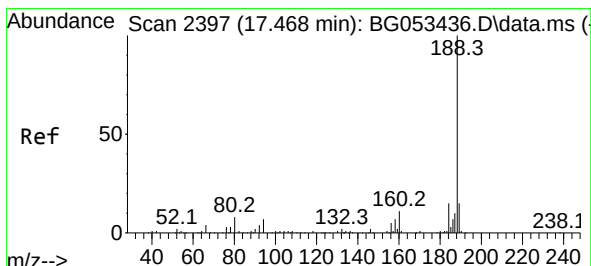
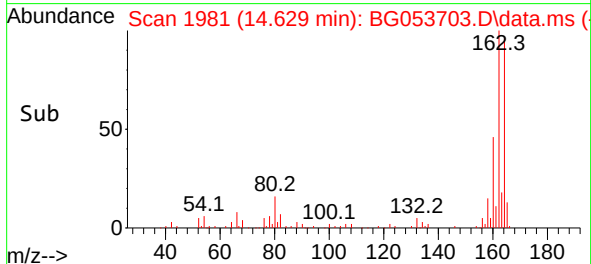
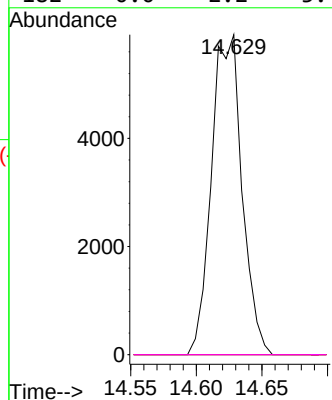
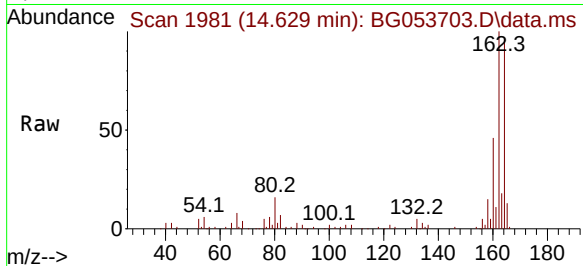




#57
2,4-Dinitrotoluene
Concen: 5.819 ng
RT: 14.629 min Scan# 1991
Delta R.T. -0.366 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

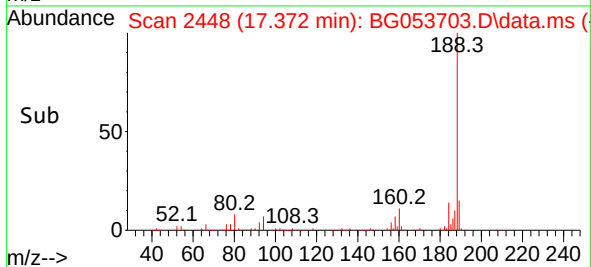
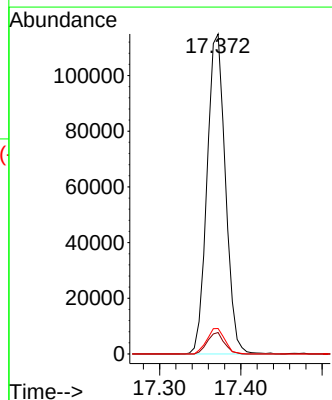
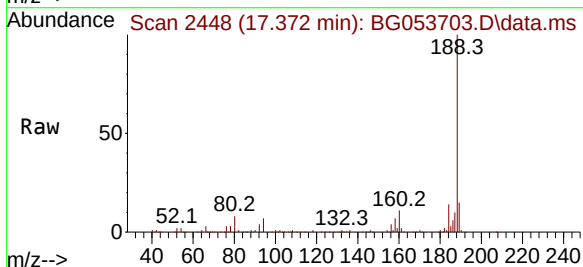
Instrument :
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P024-SS008-0006-01

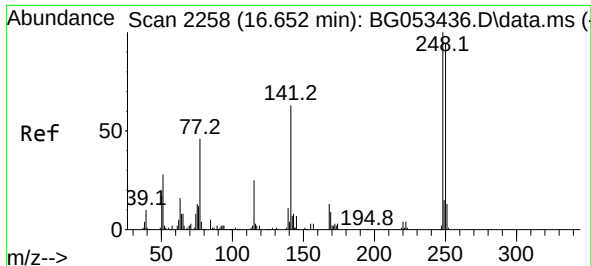
Tgt Ion:165 Resp: 9555
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 2448
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion:188 Resp: 179867
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.9 6.8 10.2

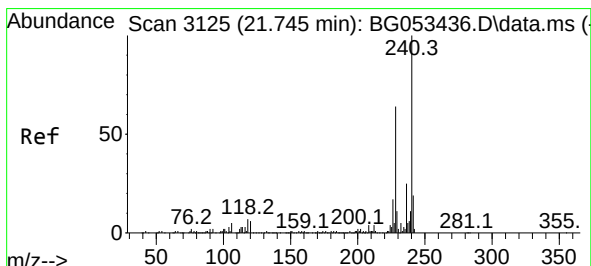
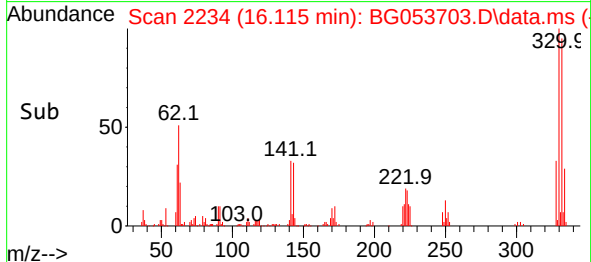
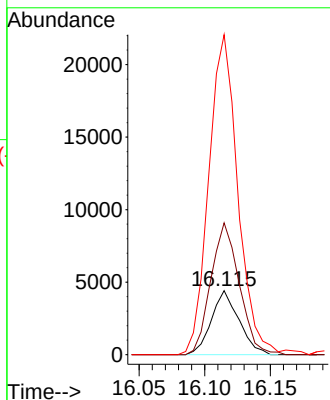
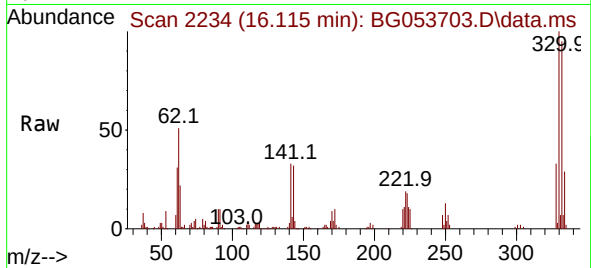




#67
4-Bromophenyl-phenylether
Concen: 3.077 ng
RT: 16.115 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

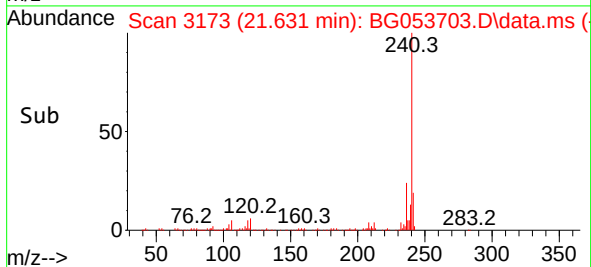
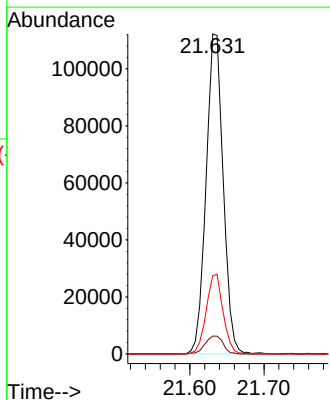
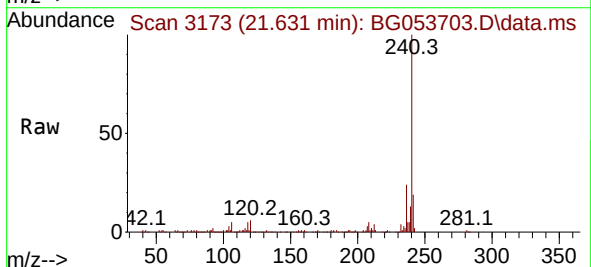
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

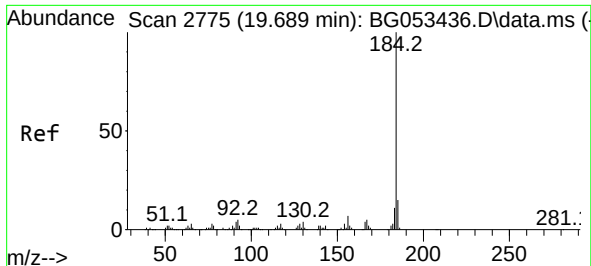
Tgt Ion:248 Resp: 6463
Ion Ratio Lower Upper
248 100
250 206.2 75.2 112.8#
141 500.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

Tgt Ion:240 Resp: 179815
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.4 20.2 30.4

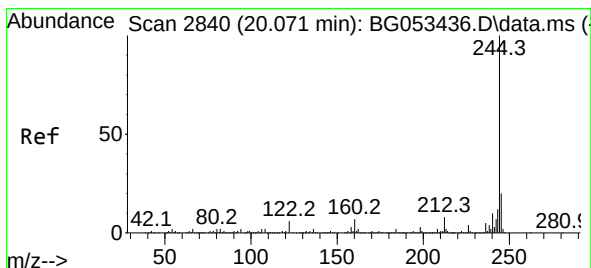
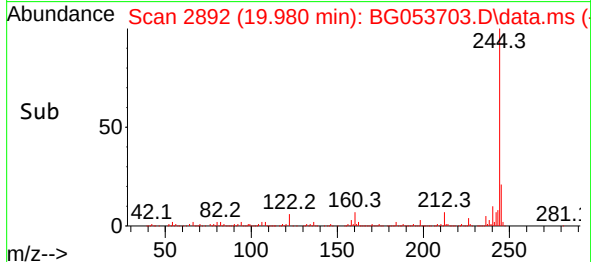
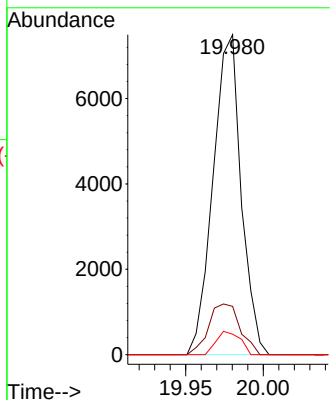
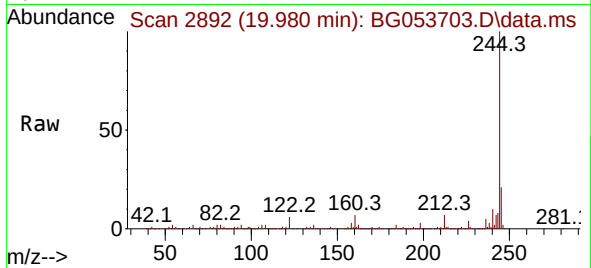




#77
Benzidine
Concen: 2.434 ng
RT: 19.980 min Scan# 21
Delta R.T. 0.380 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

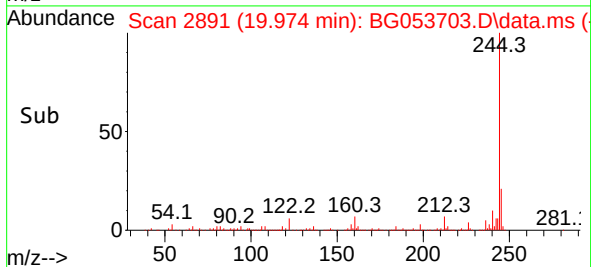
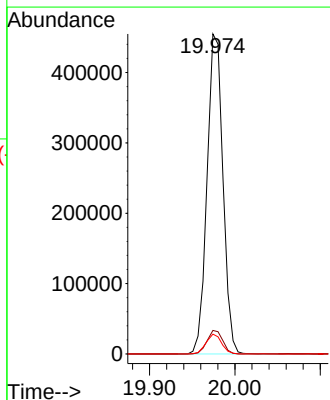
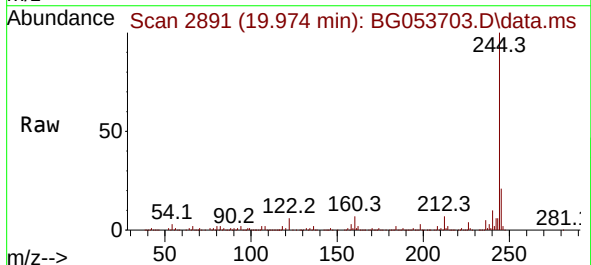
Instrument :
BNA_G
ClientSampleId :
P024-SS008-0006-01

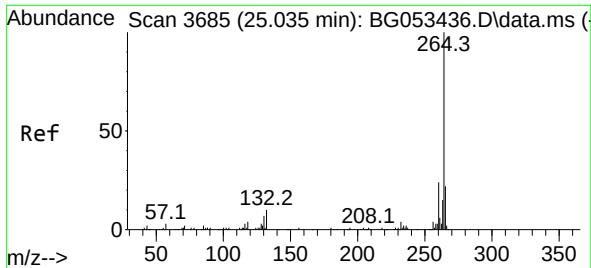
Tgt Ion:184 Resp: 9435
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 6.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 61.095 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.002 min
Lab File: BG053703.D
Acq: 25 May 2022 21:08

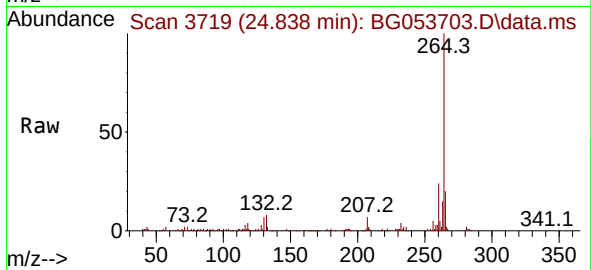
Tgt Ion:244 Resp: 589850
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG053703.D
 Acq: 25 May 2022 21:08

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS008-0006-01



Tgt Ion:264 Resp: 181727
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.3 17.4 26.2

