

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050679.D
 Acq On : 21 Oct 2021 23:12
 Operator : CG/JU
 Sample : M4290-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-BBS

Quant Time: Oct 22 04:04:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

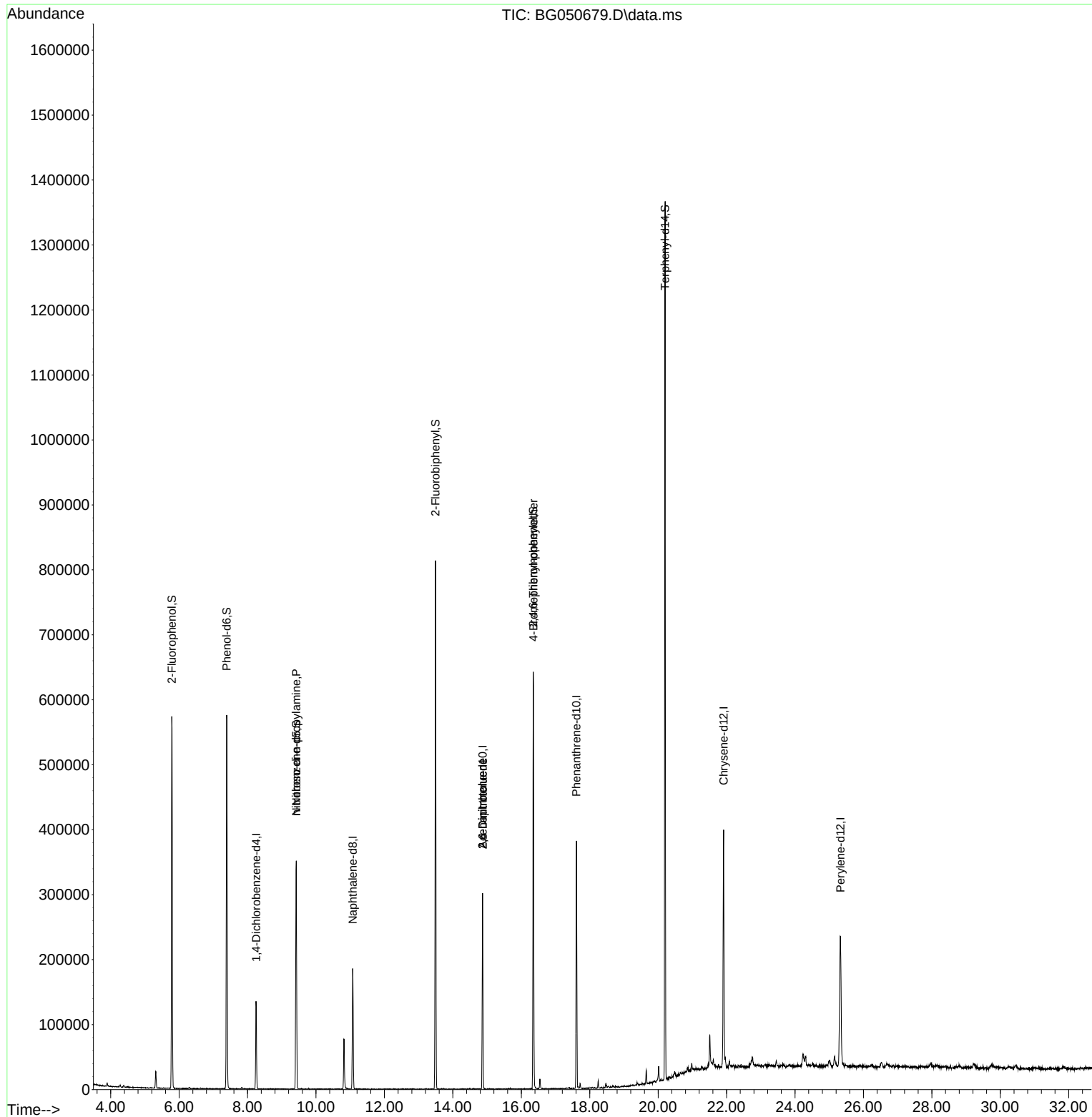
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	35027	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	153746	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	103119	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	235570	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	209472	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	202723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	238174	101.692	ng	0.00
7) Phenol-d6	7.389	99	324924	95.821	ng	-0.01
23) Nitrobenzene-d5	9.422	82	231180	62.245	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	95010	96.597	ng	-0.01
45) 2-Fluorobiphenyl	13.494	172	396540	57.875	ng	-0.01
79) Terphenyl-d14	20.204	244	618076	57.503	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	711	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	32637	13.205	ng	# 68
51) 2,6-Dinitrotoluene	14.869	165	13179	8.442	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	13179	5.989	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	7810	3.290	ng	# 1

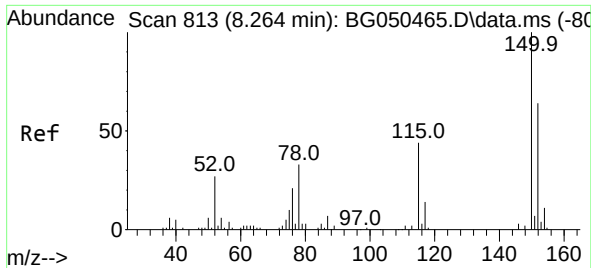
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

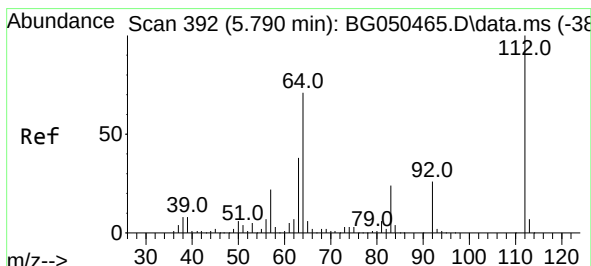
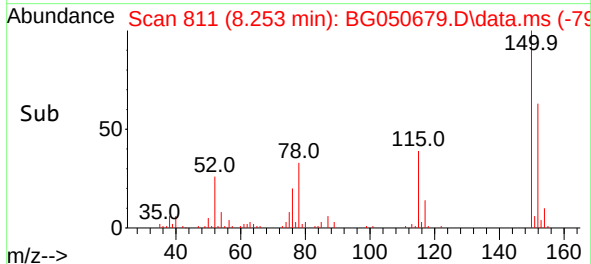
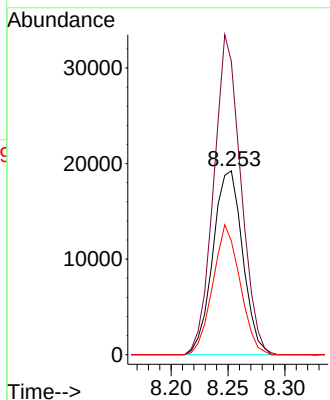
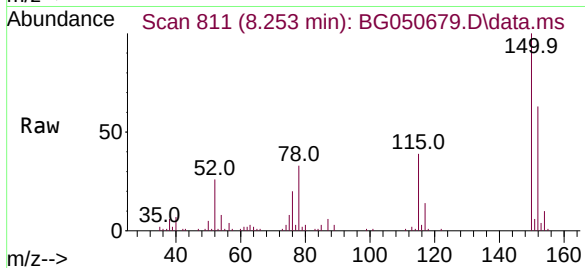




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

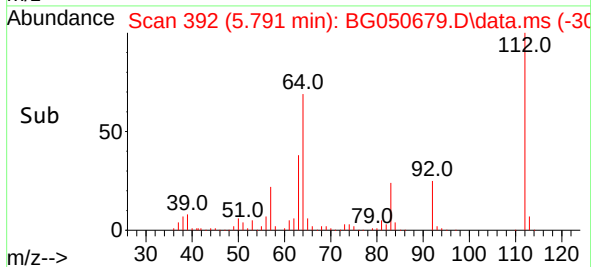
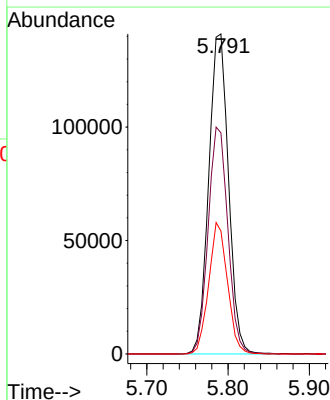
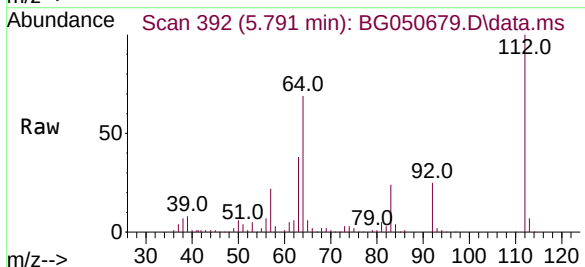
Instrument :
BNA_G
ClientSampleId :
TH-BBS

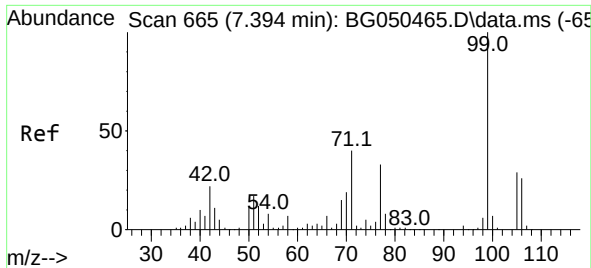
Tgt Ion:152 Resp: 35027
Ion Ratio Lower Upper
152 100
150 159.6 119.4 179.0
115 61.9 60.2 90.4



#5
2-Fluorophenol
Concen: 101.692 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:112 Resp: 238174
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 38.4 35.3 52.9

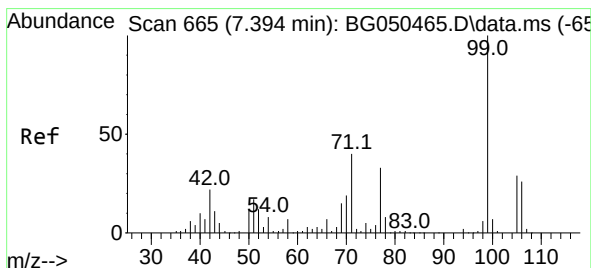
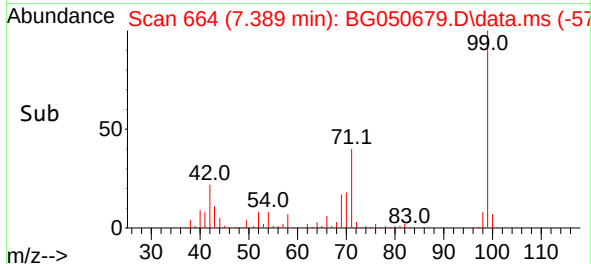
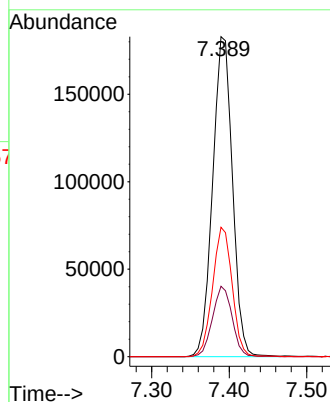
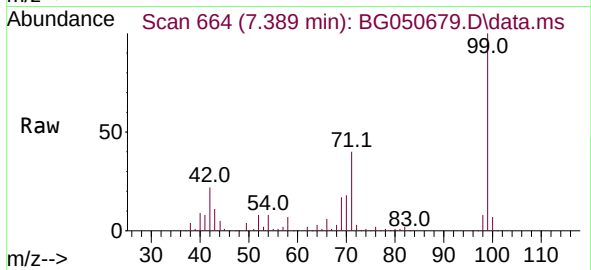




#7
Phenol-d6
Concen: 95.821 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

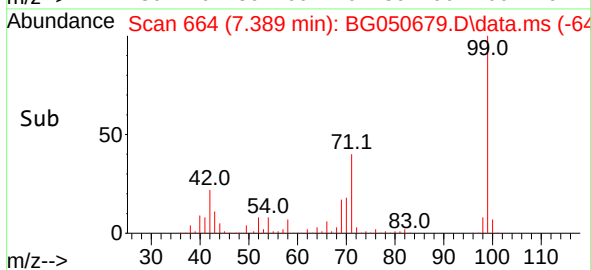
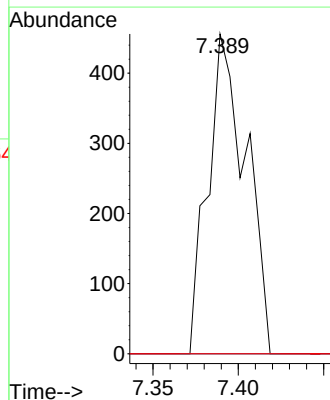
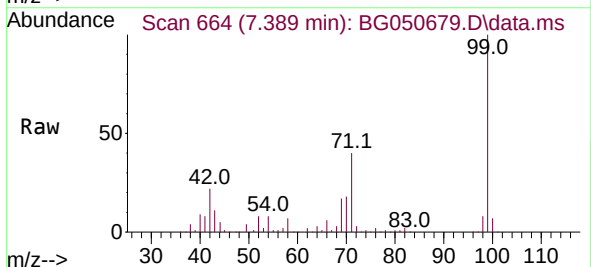
Instrument :
BNA_G
ClientSampleId :
TH-BBS

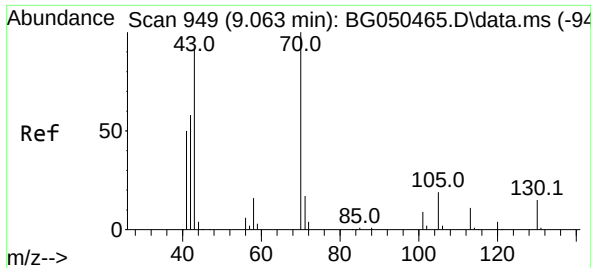
Tgt Ion: 99 Resp: 324924
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 40.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion: 77 Resp: 711
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

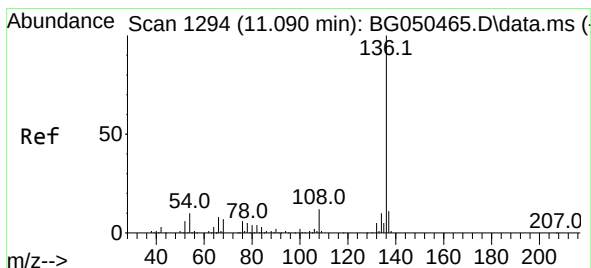
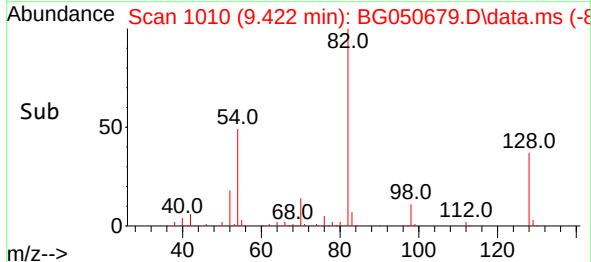
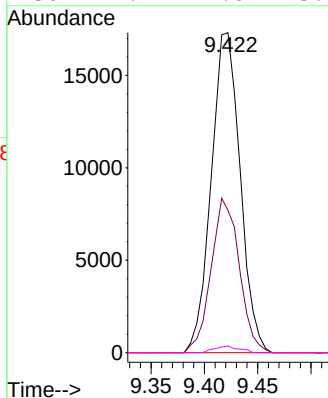
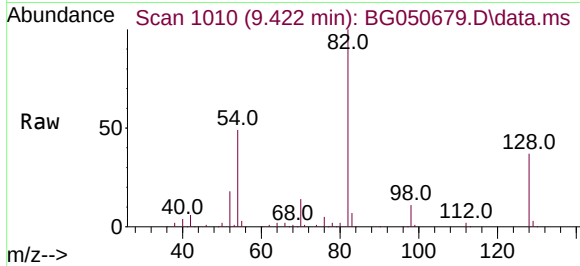




#19
n-Nitroso-di-n-propylamine
Concen: 13.205 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

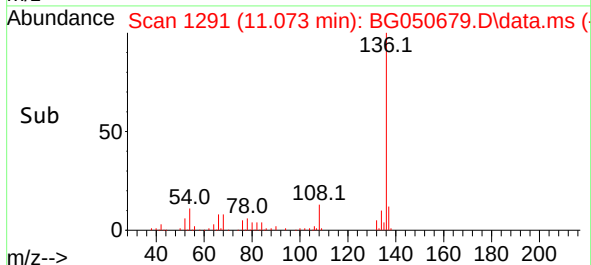
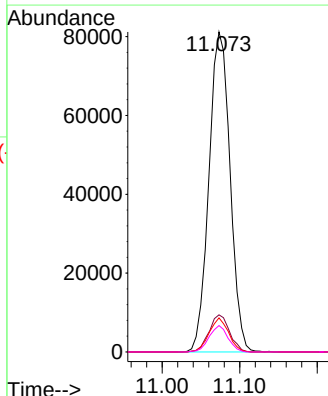
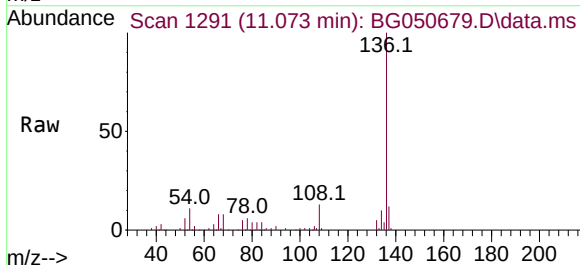
Instrument :
BNA_G
ClientSampleId :
TH-BBS

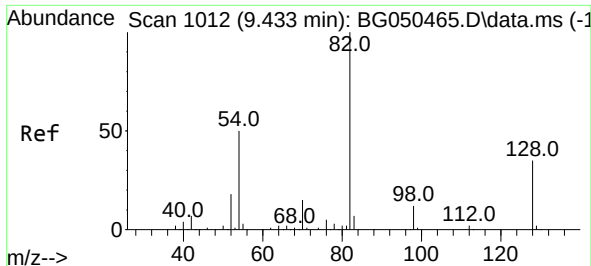
Tgt Ion:	70	Resp:	32637
Ion	Ratio	Lower	Upper
70	100		
42	44.5	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:	136	Resp:	153746
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	10.6	5.5	8.3#
68	8.3	2.3	3.5#

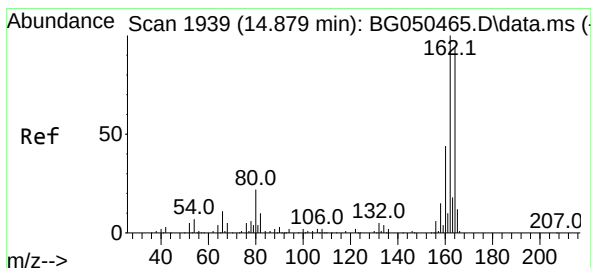
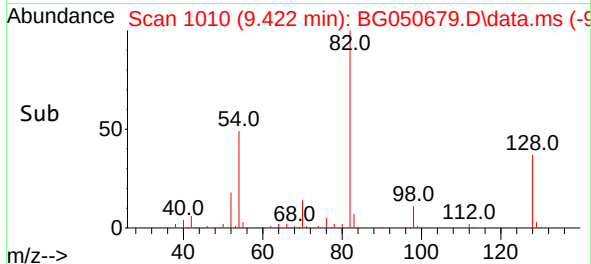
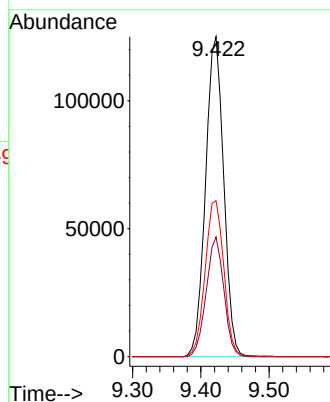
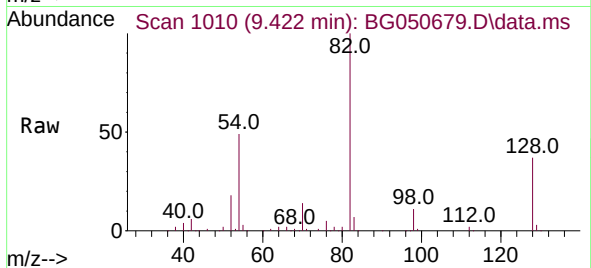




#23
Nitrobenzene-d5
Concen: 62.245 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

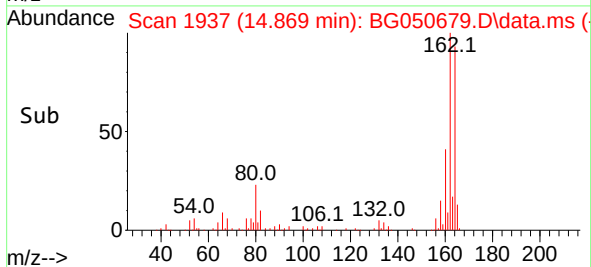
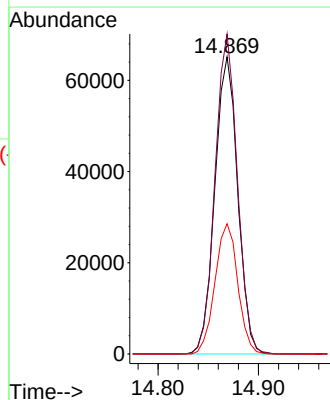
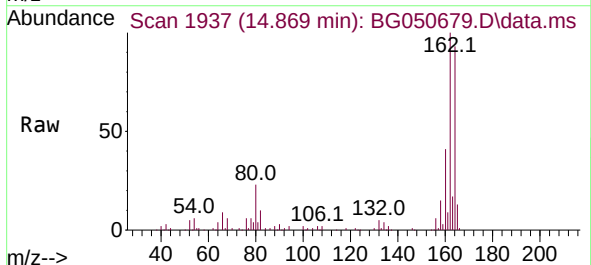
Instrument :
BNA_G
ClientSampleId :
TH-BBS

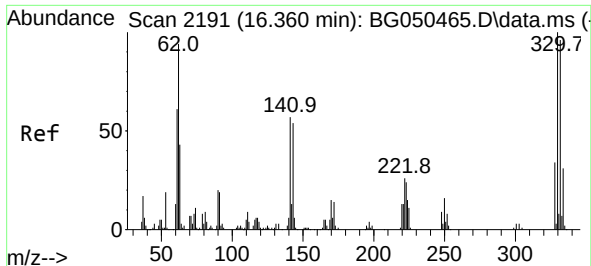
Tgt Ion: 82 Resp: 231180
Ion Ratio Lower Upper
82 100
128 37.4 29.8 44.6
54 48.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:164 Resp: 103119
Ion Ratio Lower Upper
164 100
162 107.7 81.4 122.0
160 43.8 34.9 52.3

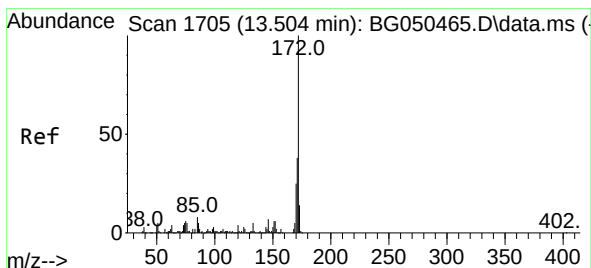
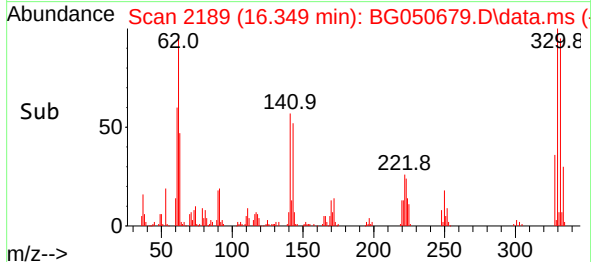
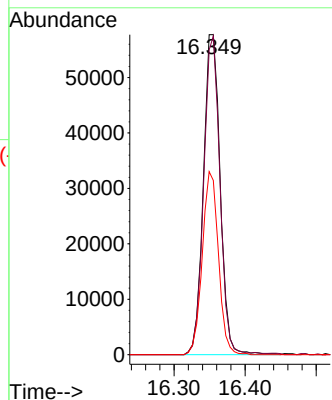
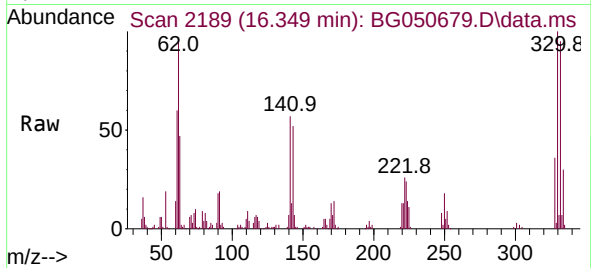




#42
2,4,6-Tribromophenol
Concen: 96.597 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

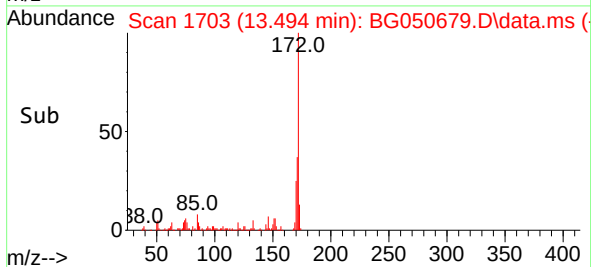
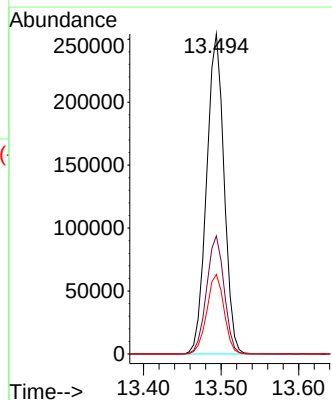
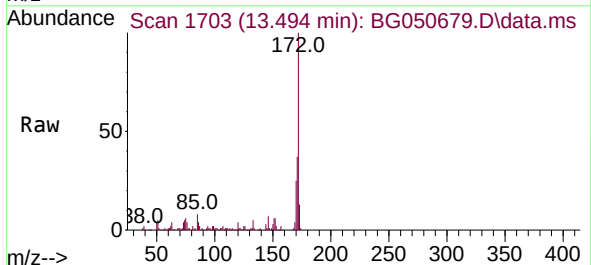
Instrument :
BNA_G
ClientSampleId :
TH-BBS

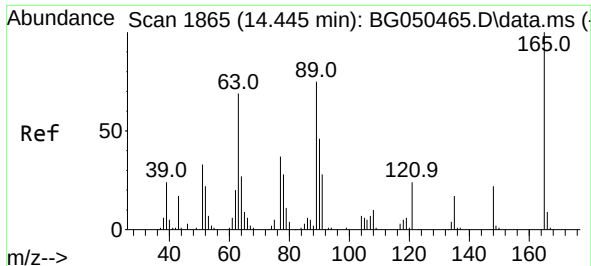
Tgt Ion:330 Resp: 95010
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 57.875 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:172 Resp: 396540
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.8 18.6 27.8

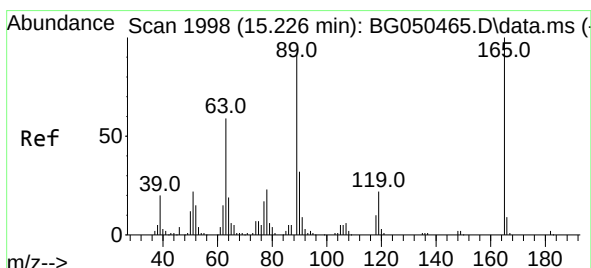
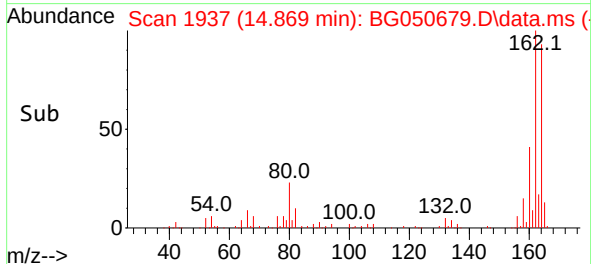
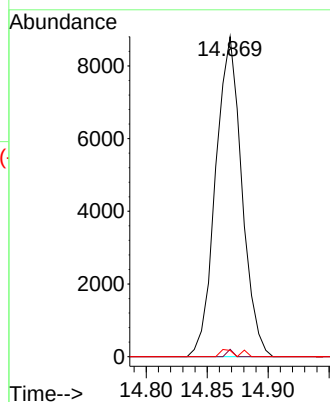
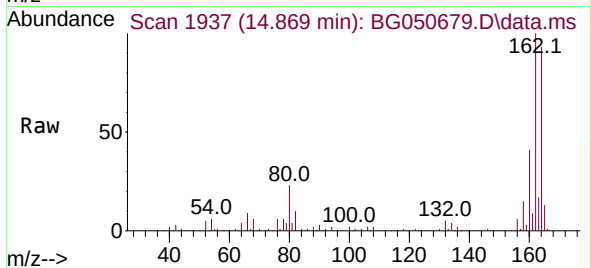




#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

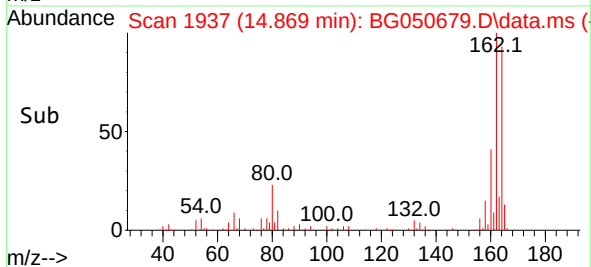
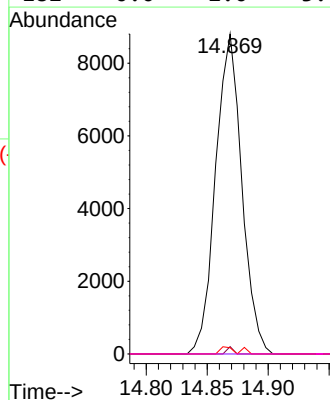
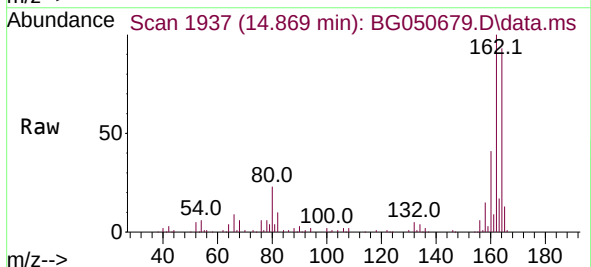
Instrument :
BNA_G
ClientSampled :
TH-BBS

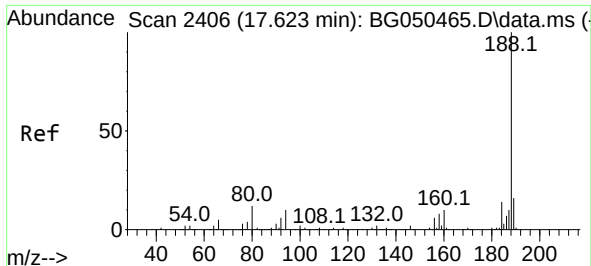
Tgt Ion:165 Resp: 13179
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.989 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:165 Resp: 13179
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#

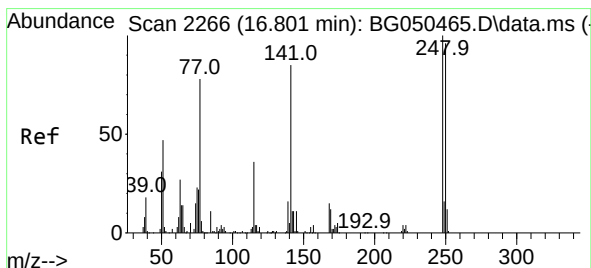
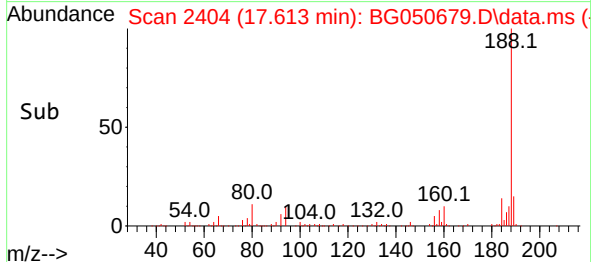
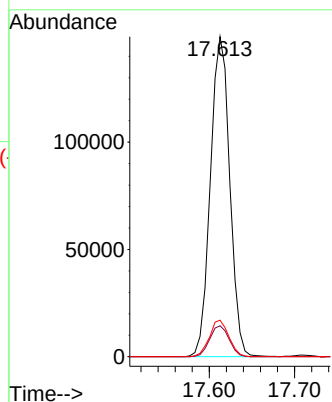
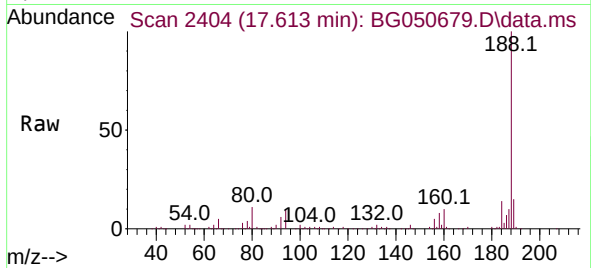




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

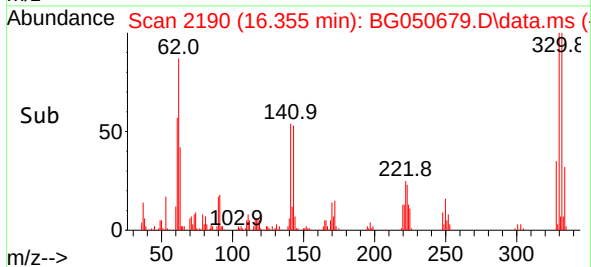
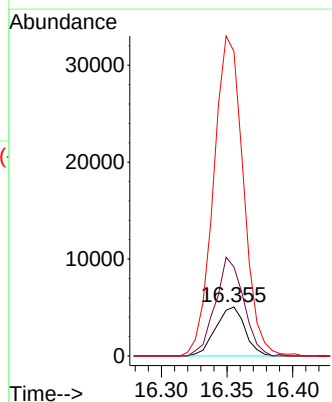
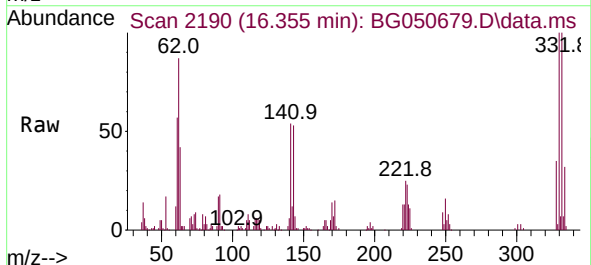
Instrument :
BNA_G
ClientSampleId :
TH-BBS

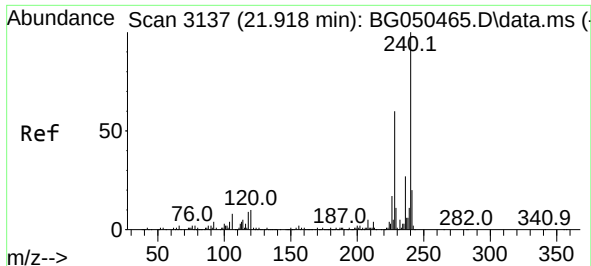
Tgt Ion:188 Resp: 235570
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.290 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Tgt Ion:248 Resp: 7810
Ion Ratio Lower Upper
248 100
250 181.6 76.1 114.1#
141 621.3 65.4 98.2#

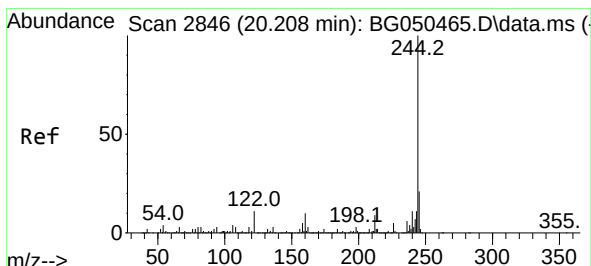
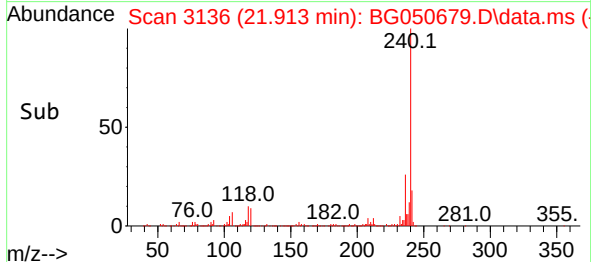
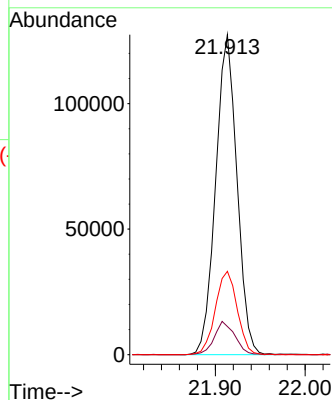
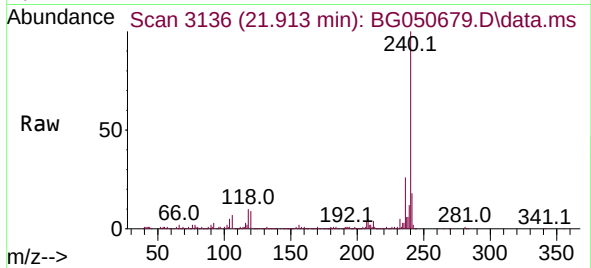




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

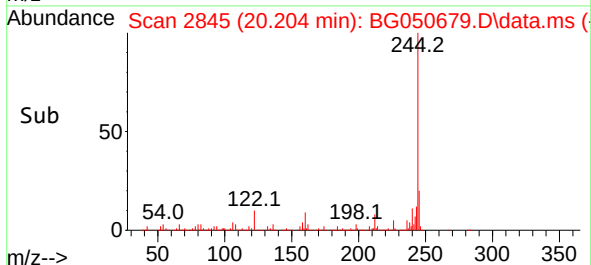
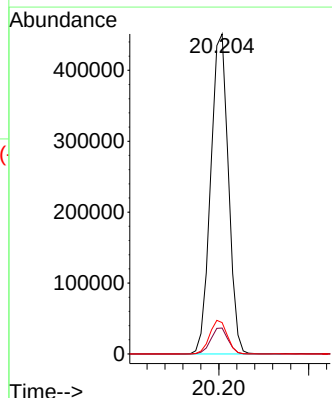
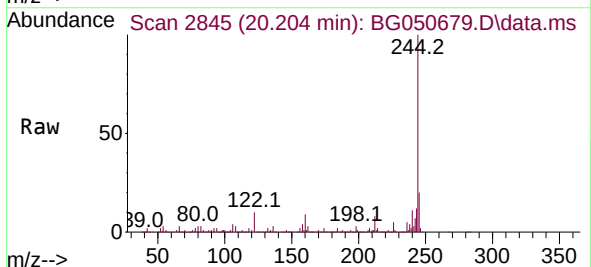
Instrument :
BNA_G
ClientSampleId :
TH-BBS

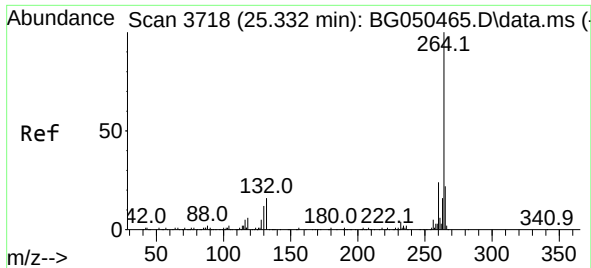
Tgt Ion:240 Resp: 209472
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 26.1 21.8 32.6



#79
Terphenyl-d14
Concen: 57.503 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

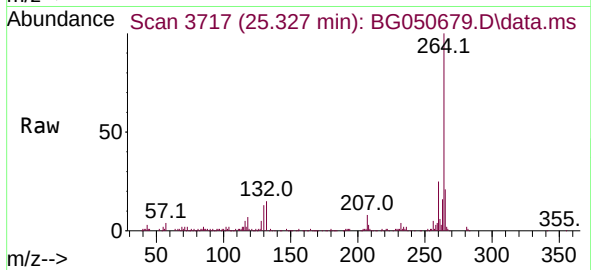
Tgt Ion:244 Resp: 618076
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 9.8 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050679.D
Acq: 21 Oct 2021 23:12

Instrument :
BNA_G
ClientSampleId :
TH-BBS



Tgt Ion:264 Resp: 202723

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	20.5	16.9	25.3

