

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050677.D
 Acq On : 21 Oct 2021 21:49
 Operator : CG/JU
 Sample : M4290-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-BBD

Quant Time: Oct 22 04:04:05 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)

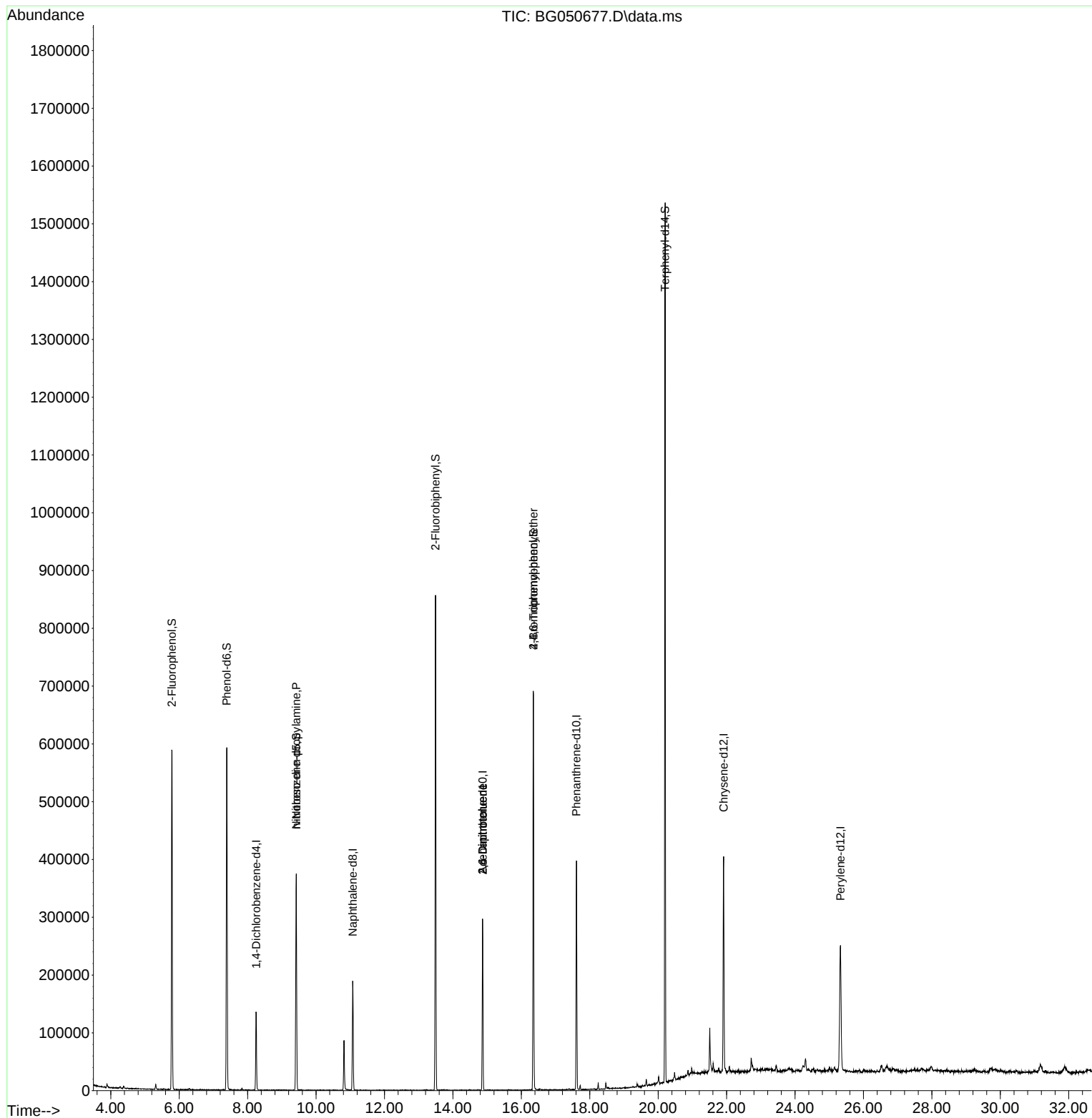
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	36190	20.000	ng	# 0.00
21) Naphthalene-d8	11.073	136	154845	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	103717	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	239555	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	219840	20.000	ng	#-0.01
86) Perylene-d12	25.326	264	212692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	248486	102.686	ng	0.00
7) Phenol-d6	7.389	99	341351	97.430	ng	-0.01
23) Nitrobenzene-d5	9.422	82	241992	64.693	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	100542	101.632	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	416386	60.422	ng	-0.01
79) Terphenyl-d14	20.203	244	667911	59.209	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	882	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	33006	12.925	ng	# 72
51) 2,6-Dinitrotoluene	14.868	165	13163	8.383	ng	# 11
57) 2,4-Dinitrotoluene	14.868	165	13163	5.947	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	8533	3.535	ng	# 1

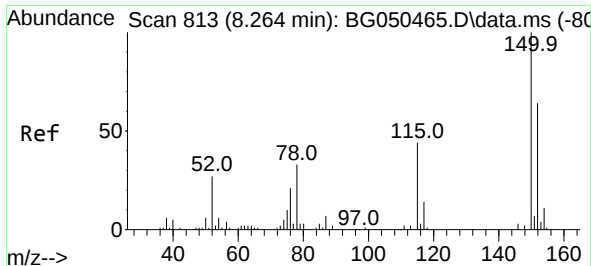
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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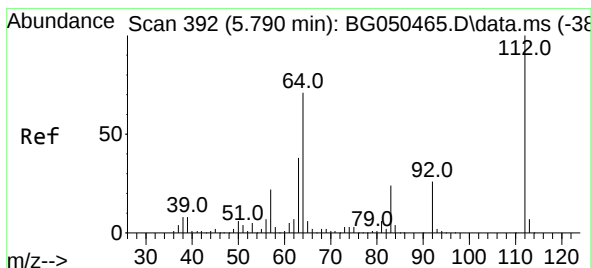
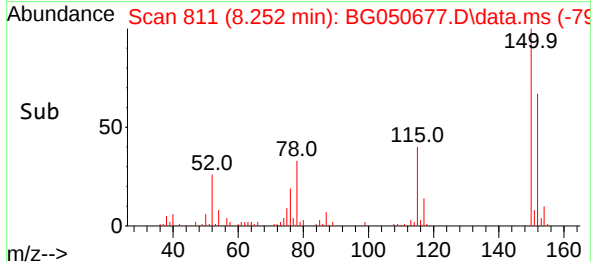
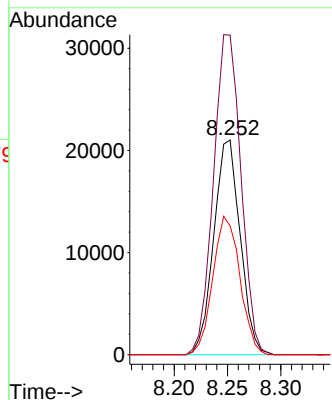
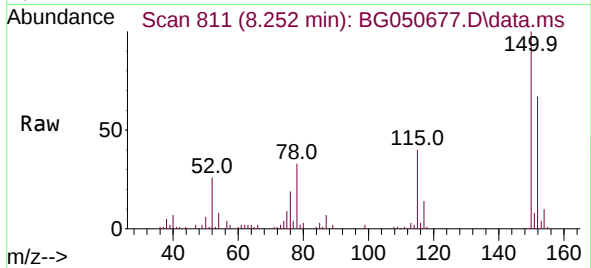




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

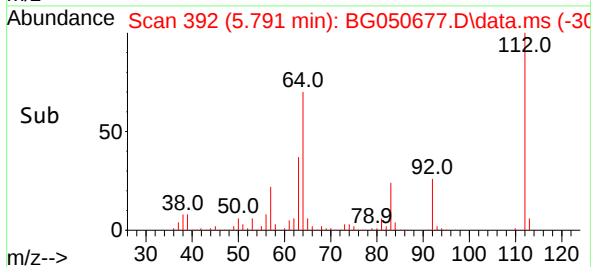
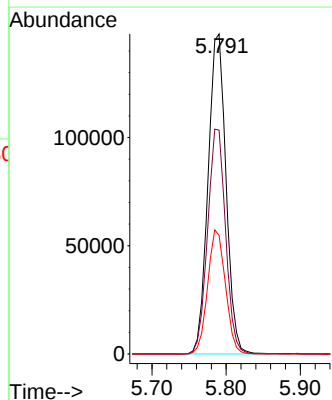
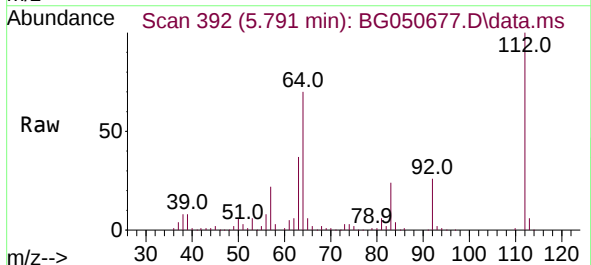
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BNA_G
ClientSampleId :
TH-BBD

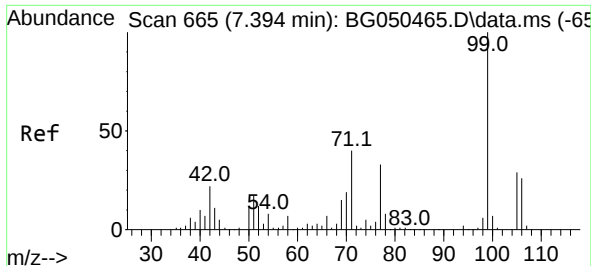
Tgt Ion:152 Resp: 36190
Ion Ratio Lower Upper
152 100
150 148.8 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 102.686 ng
RT: 5.791 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:112 Resp: 248486
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 37.0 35.3 52.9

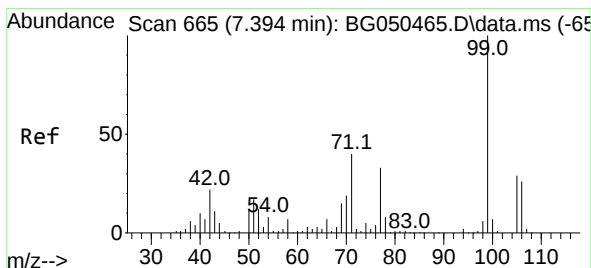
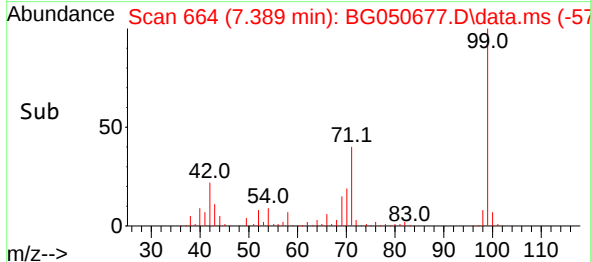
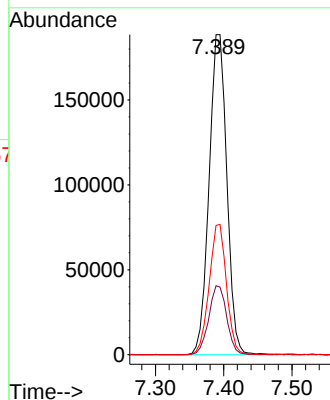
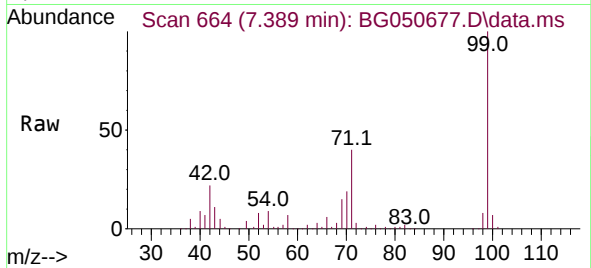




#7
Phenol-d6
Concen: 97.430 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

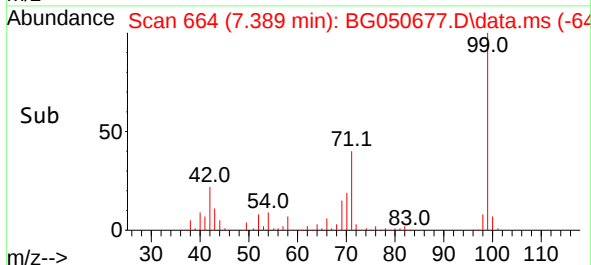
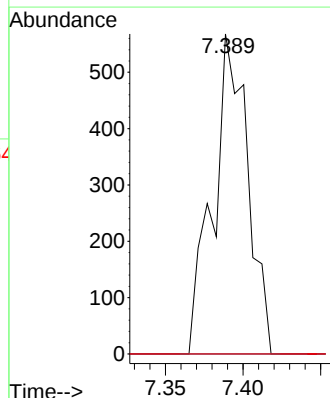
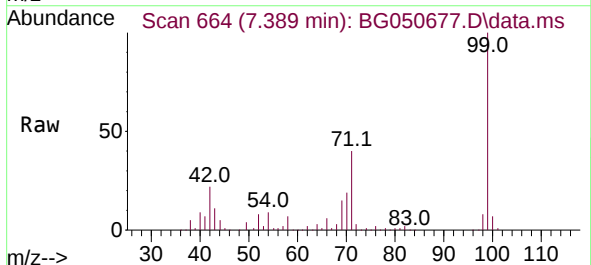
Instrument :
BNA_G
ClientSampleId :
TH-BBD

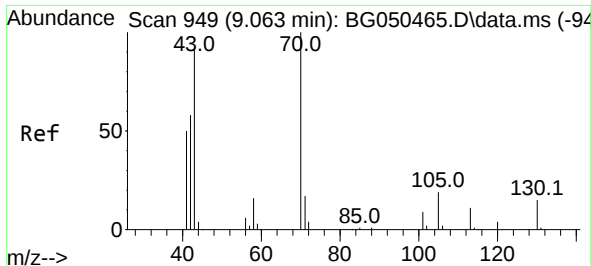
Tgt Ion: 99 Resp: 341351
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion: 77 Resp: 882
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

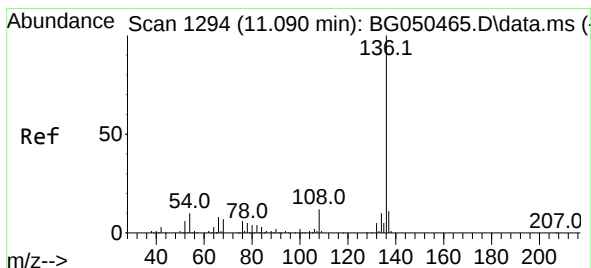
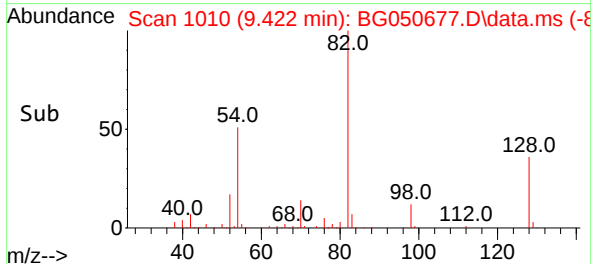
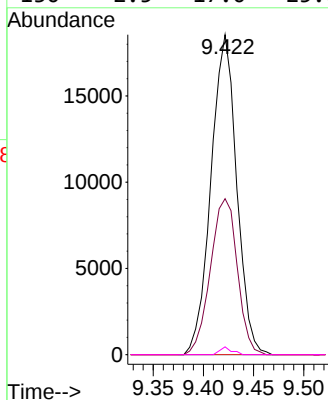
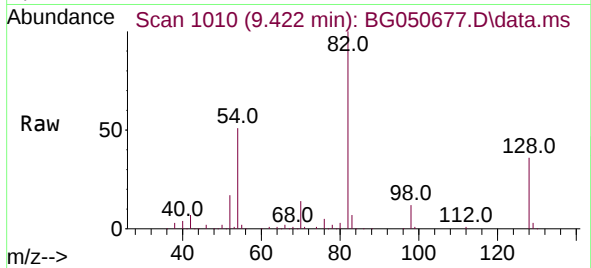




#19
n-Nitroso-di-n-propylamine
Concen: 12.925 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.364 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

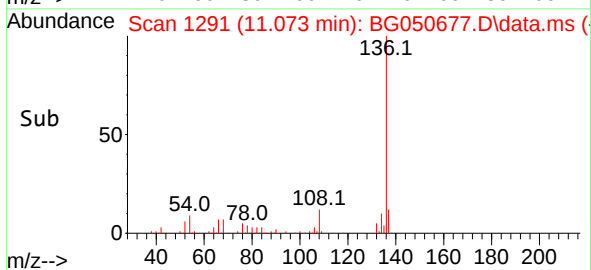
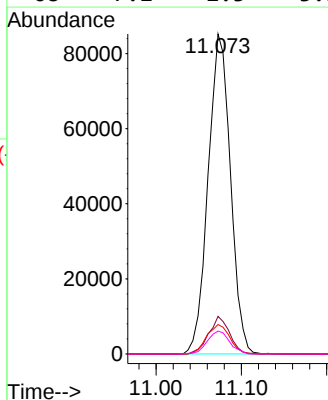
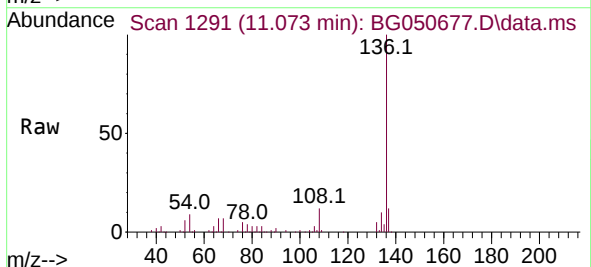
Instrument :
BNA_G
ClientSampleId :
TH-BBD

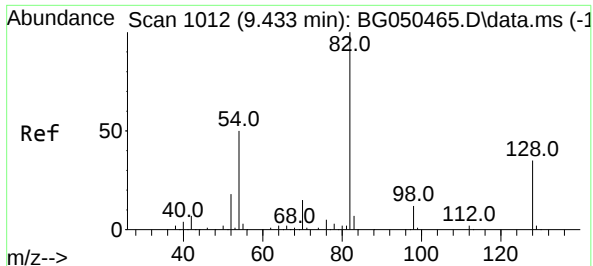
Tgt Ion: 70 Resp: 33006
Ion Ratio Lower Upper
70 100
42 48.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.5 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:136 Resp: 154845
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 9.2 5.5 8.3#
68 7.2 2.3 3.5#

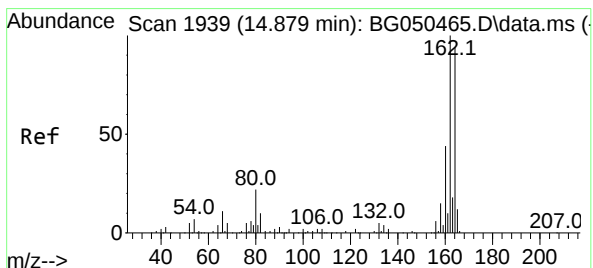
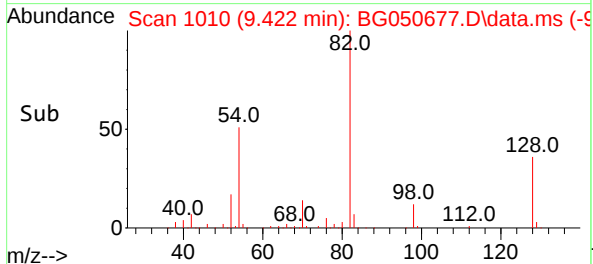
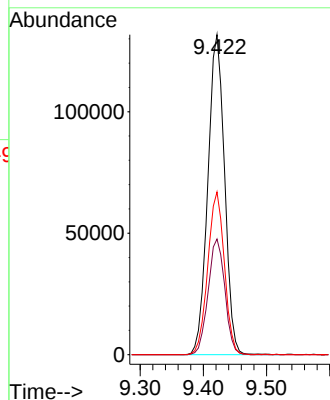
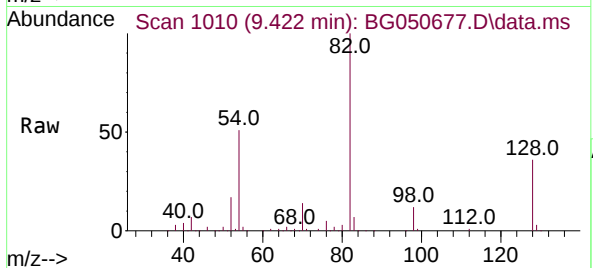




#23
Nitrobenzene-d5
Concen: 64.693 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

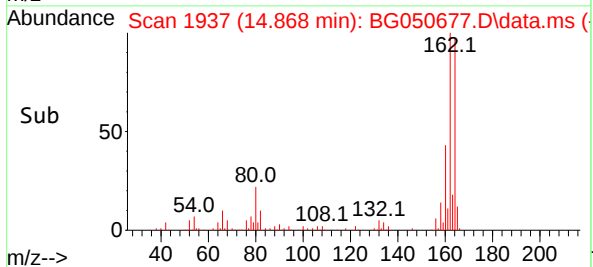
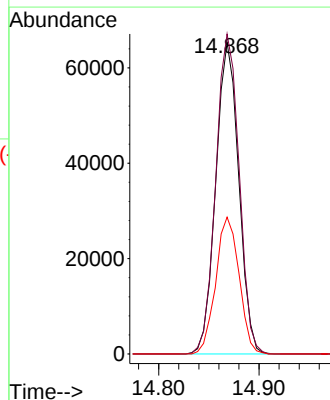
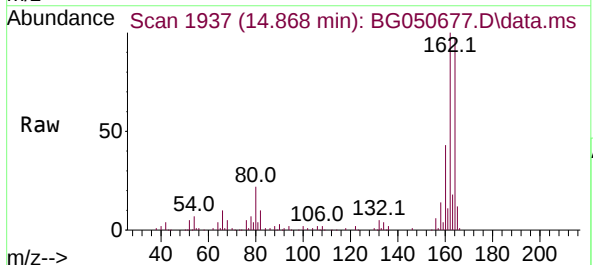
Instrument :
BNA_G
ClientSampleId :
TH-BBD

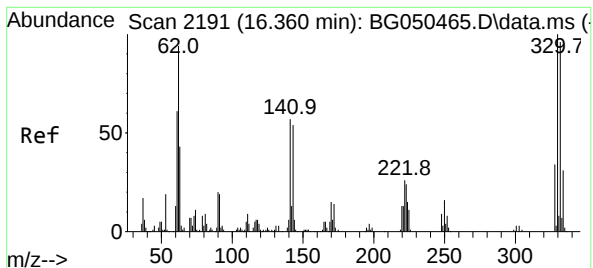
Tgt Ion: 82 Resp: 241992
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 50.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:164 Resp: 103717
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 43.9 34.9 52.3

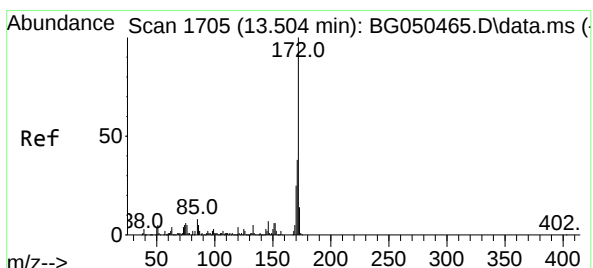
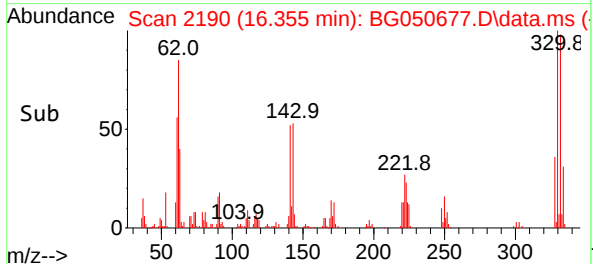
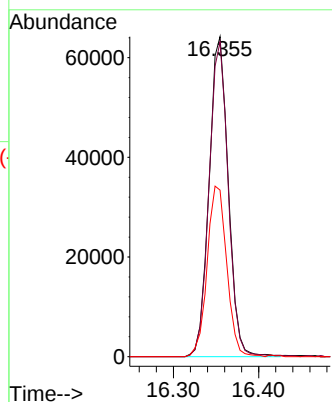
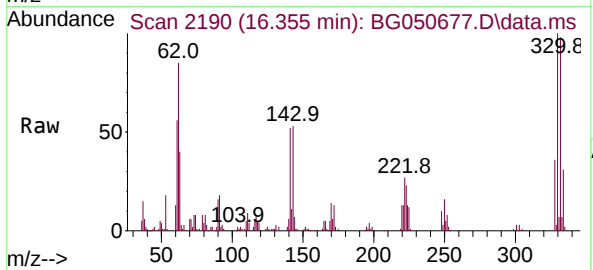




#42
2,4,6-Tribromophenol
Concen: 101.632 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

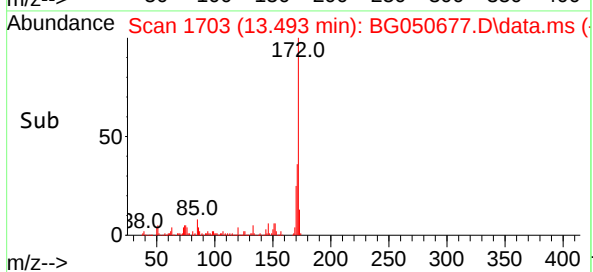
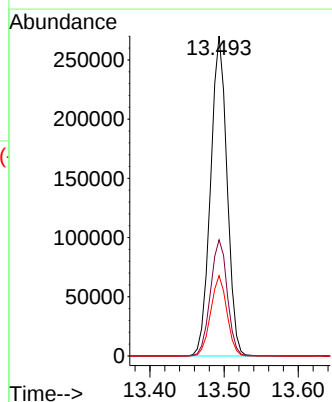
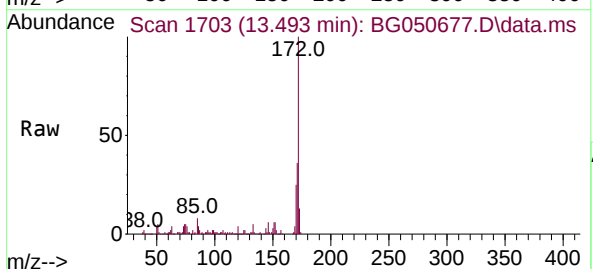
Instrument :
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ClientSampleId :
TH-BBD

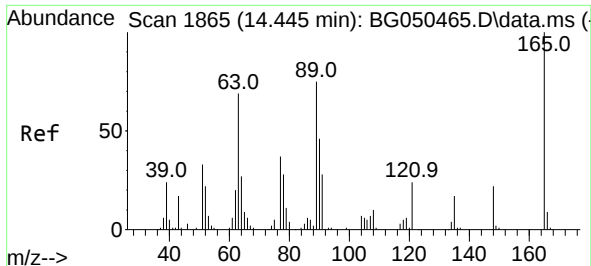
Tgt Ion:330 Resp: 100542
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 54.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 60.422 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:172 Resp: 416386
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.1 18.6 27.8

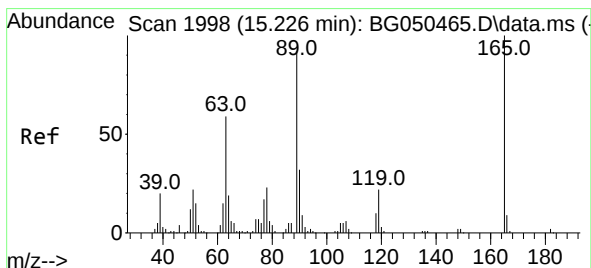
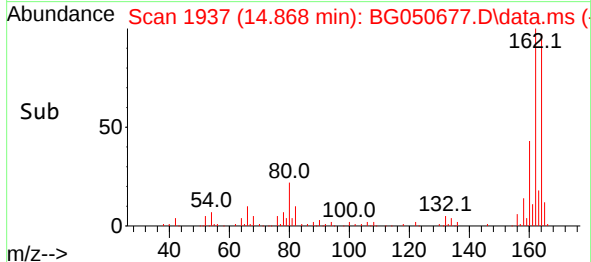
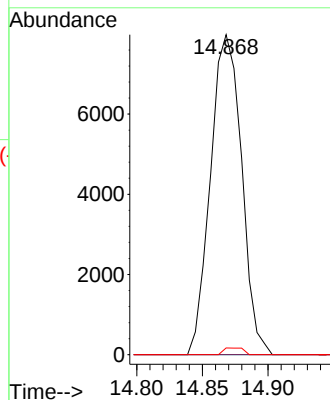
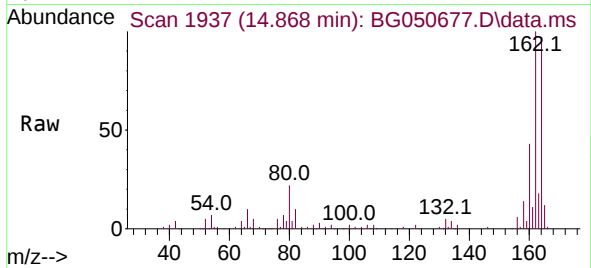




#51
2,6-Dinitrotoluene
Concen: 8.383 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

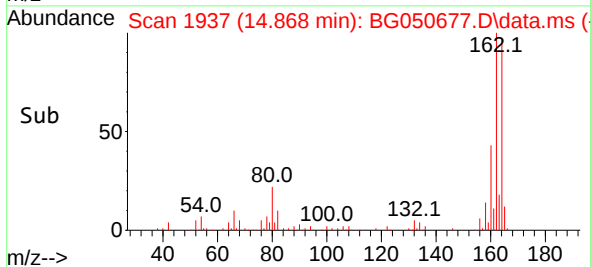
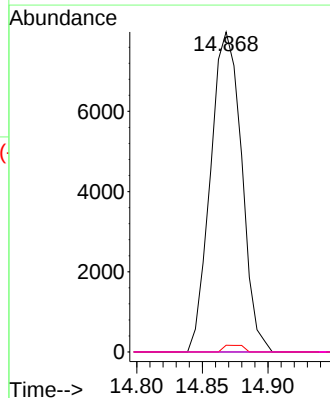
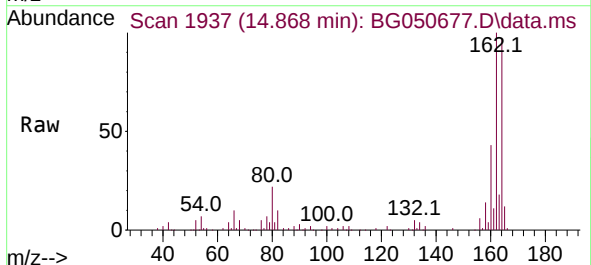
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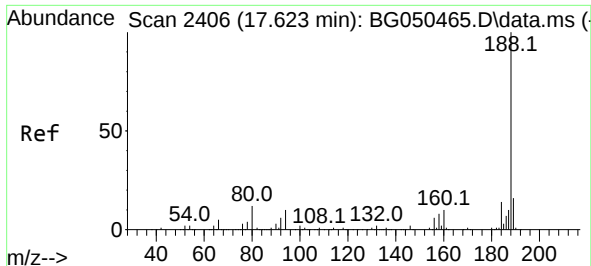
Tgt Ion:165 Resp: 13163
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.947 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.359 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:165 Resp: 13163
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#

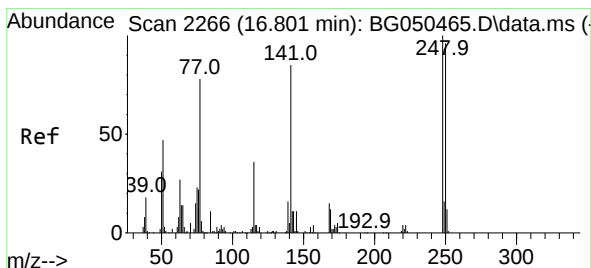
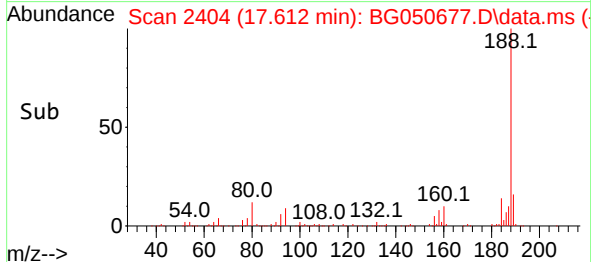
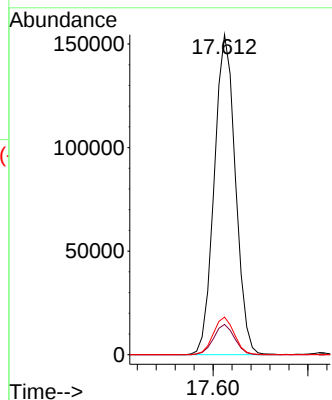
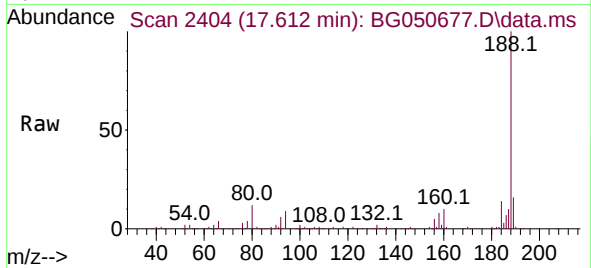




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

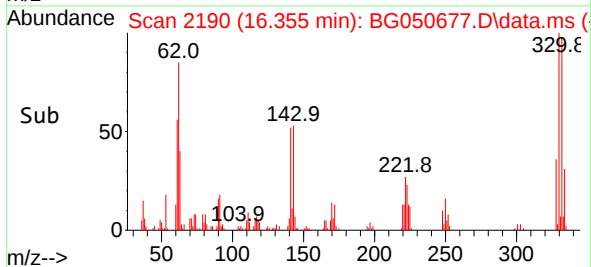
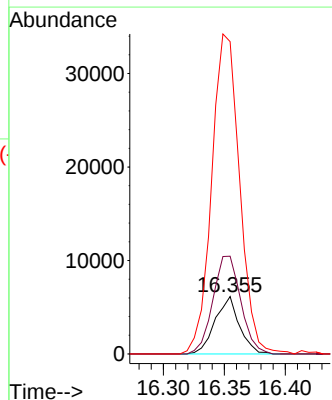
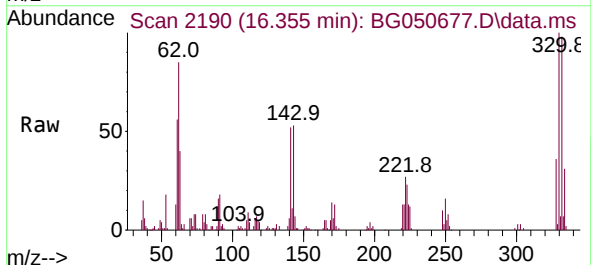
Instrument :
BNA_G
ClientSampleId :
TH-BBD

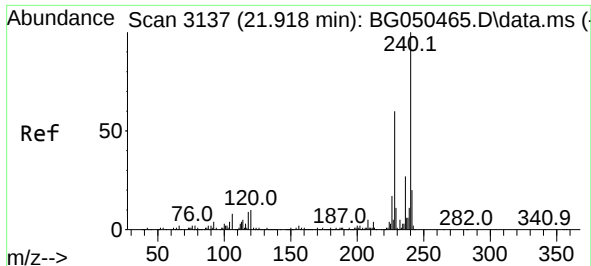
Tgt Ion:188 Resp: 239555
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:248 Resp: 8533
Ion Ratio Lower Upper
248 100
250 170.1 76.1 114.1#
141 543.3 65.4 98.2#

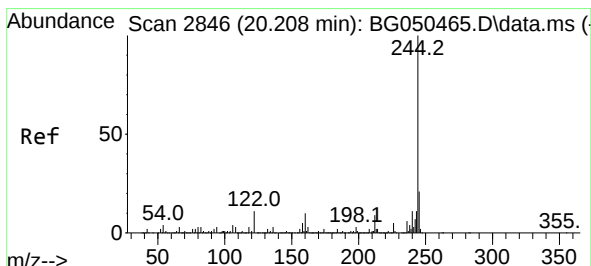
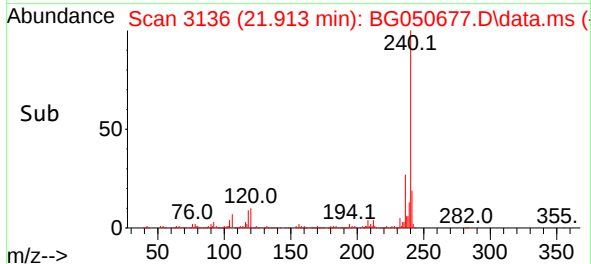
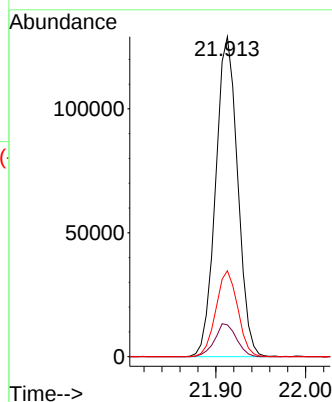
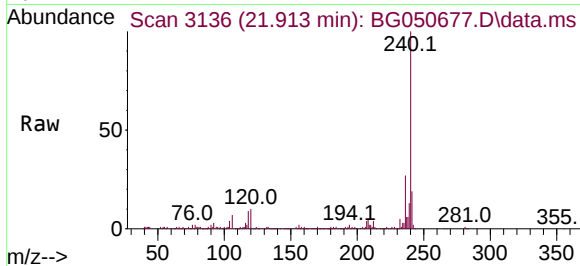




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

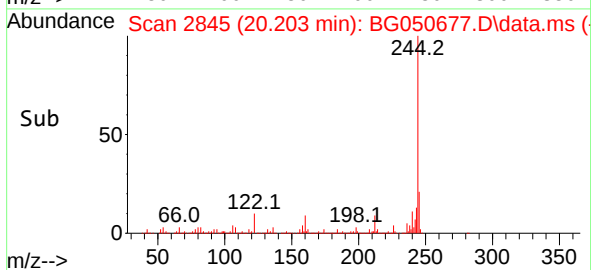
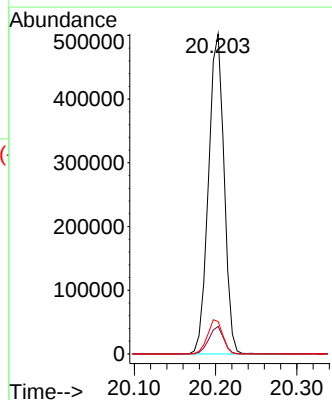
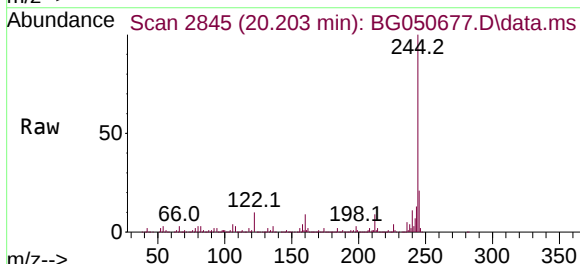
Instrument :
BNA_G
ClientSampleId :
TH-BBD

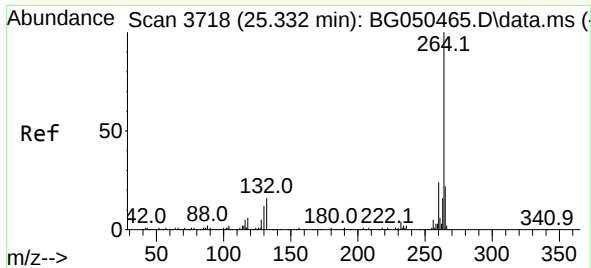
Tgt Ion:240 Resp: 219840
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.9 21.8 32.6



#79
Terphenyl-d14
Concen: 59.209 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050677.D
Acq: 21 Oct 2021 21:49

Tgt Ion:244 Resp: 667911
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 10.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3717
 Delta R.T. -0.006 min
 Lab File: BG050677.D
 Acq: 21 Oct 2021 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TH-BBD

Tgt Ion:264 Resp: 212692
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 21.8 16.9 25.3

