

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050678.D
 Acq On : 21 Oct 2021 22:31
 Operator : CG/JU
 Sample : M4290-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TH-BD

Quant Time: Oct 22 04:04:19 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)

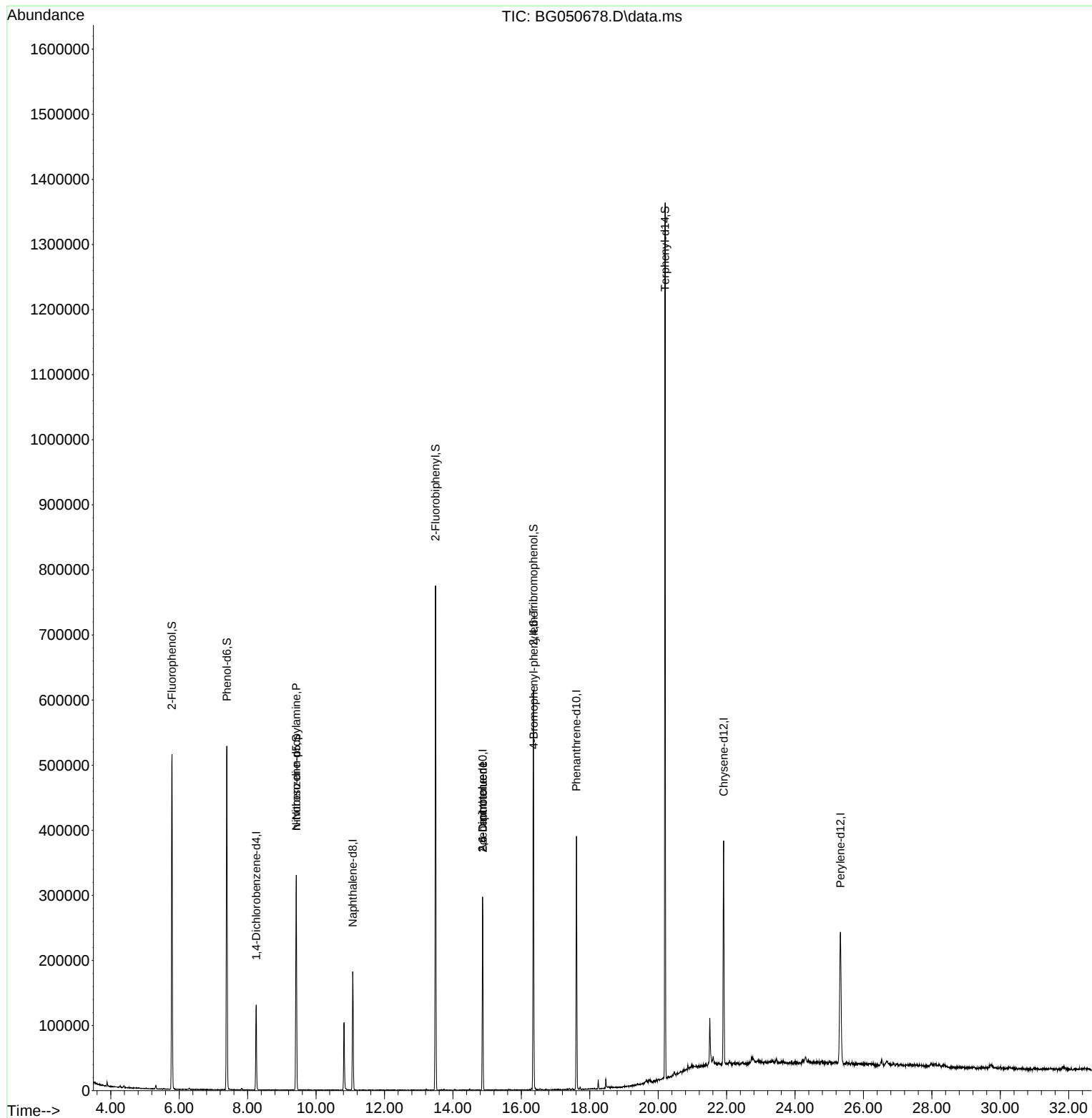
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	34869	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	148905	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	101658	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	233941	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	207934	20.000	ng	#-0.01
86) Perylene-d12	25.326	264	204988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	219602	94.188	ng	0.00
7) Phenol-d6	7.394	99	300916	89.143	ng	0.00
23) Nitrobenzene-d5	9.421	82	211934	58.918	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	89167	91.959	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	379936	56.249	ng	-0.01
79) Terphenyl-d14	20.203	244	604071	56.615	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.382	77	654	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.421	70	29782	12.104 ng	#	71
51) 2,6-Dinitrotoluene	14.868	165	12807	8.321 ng	#	11
57) 2,4-Dinitrotoluene	14.868	165	12807	5.904 ng	#	16
67) 4-Bromophenyl-phenylether	16.360	248	7674	3.255 ng	#	1

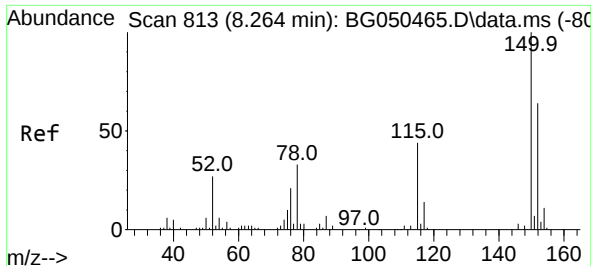
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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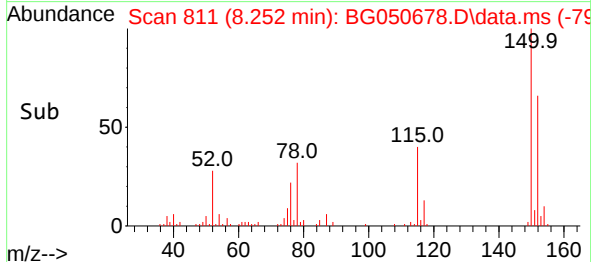
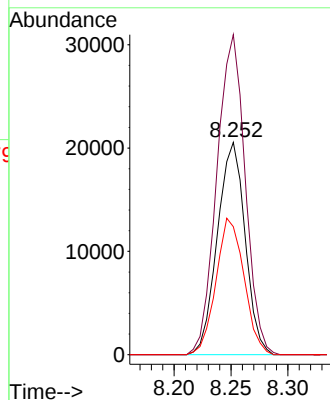
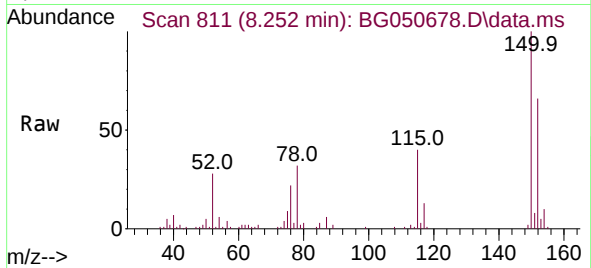




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

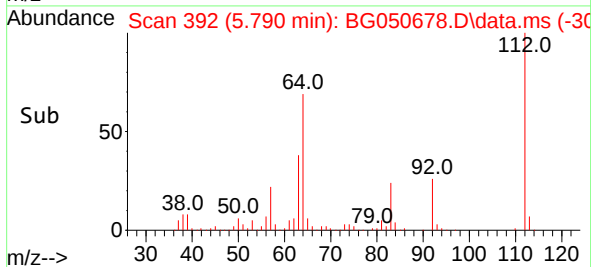
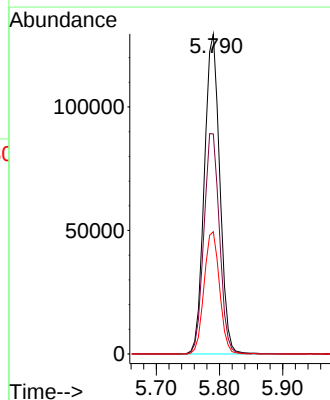
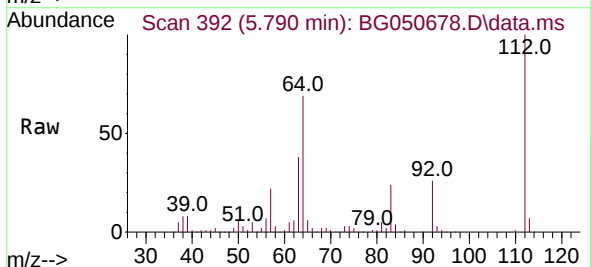
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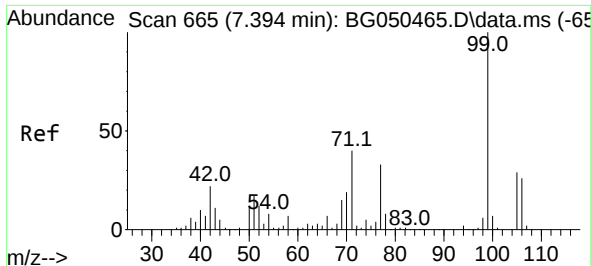
Tgt Ion:152 Resp: 34869
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 60.3 60.2 90.4



#5
2-Fluorophenol
Concen: 94.188 ng
RT: 5.790 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:112 Resp: 219602
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 38.2 35.3 52.9

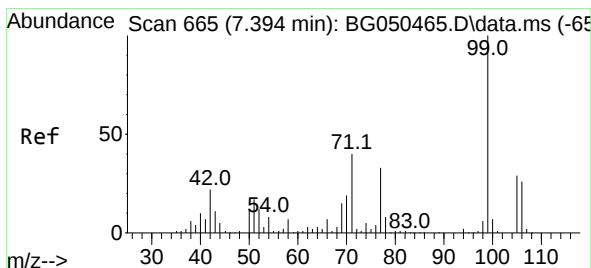
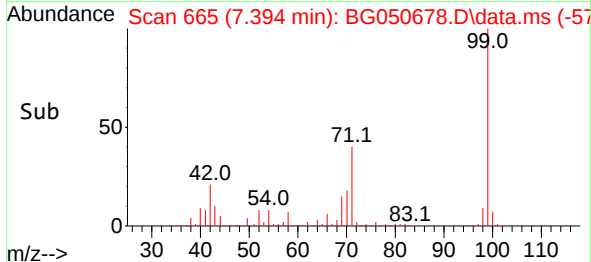
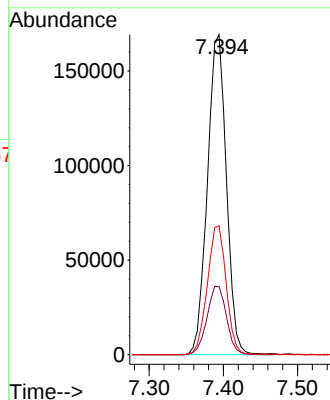
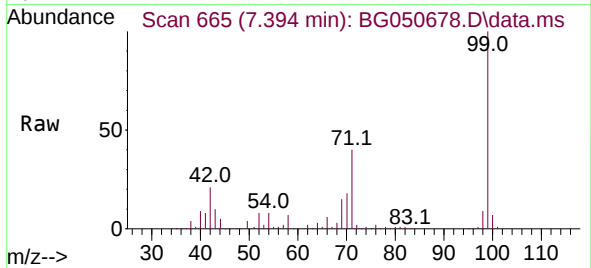




#7
Phenol-d6
Concen: 89.143 ng
RT: 7.394 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

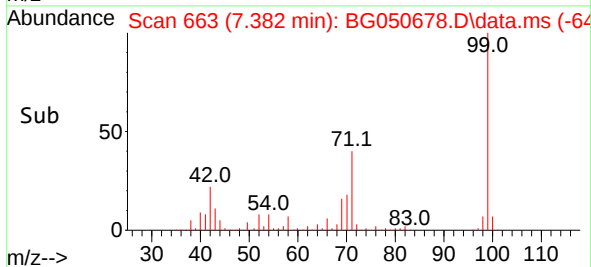
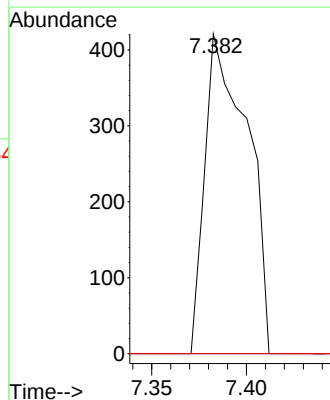
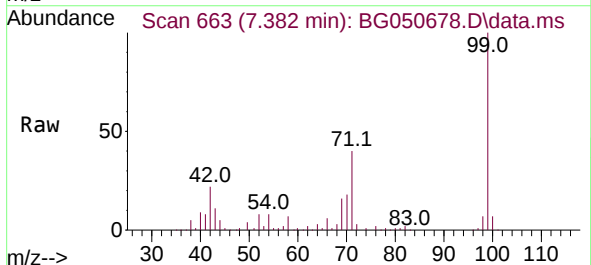
Instrument :
BNA_G
ClientSampleId :
TH-BD

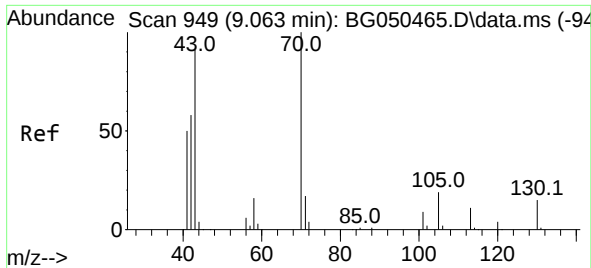
Tgt Ion: 99 Resp: 300916
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 40.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.382 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

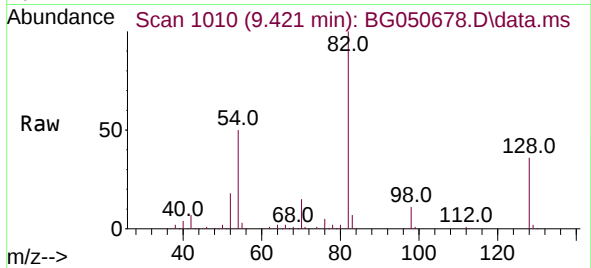
Tgt Ion: 77 Resp: 654
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



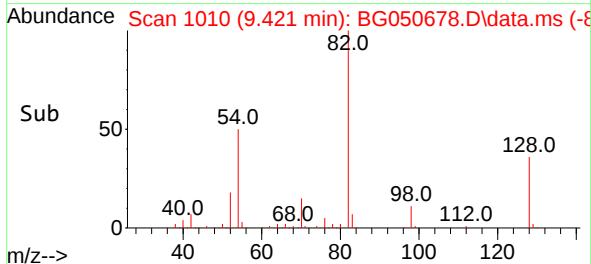
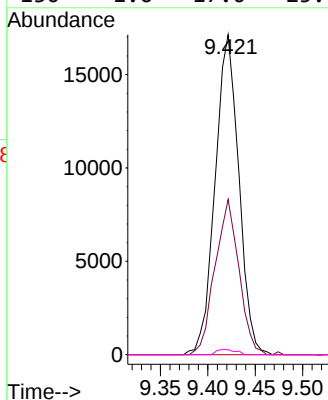


#19
n-Nitroso-di-n-propylamine
Concen: 12.104 ng
RT: 9.421 min Scan# 1010
Delta R.T. 0.364 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Instrument :
BNA_G
ClientSampled :
TH-BD

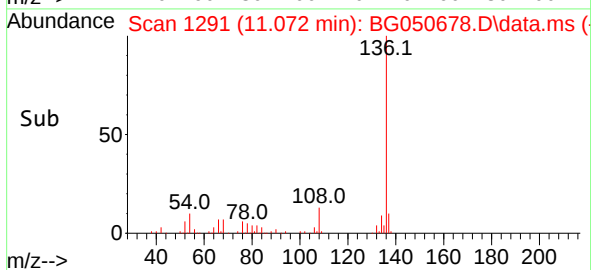
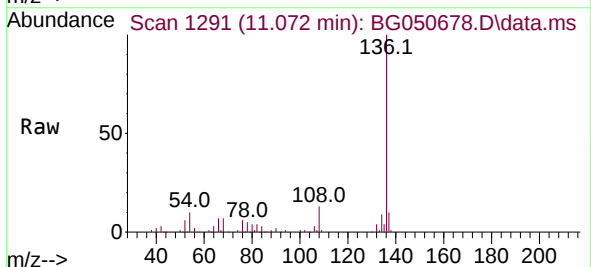
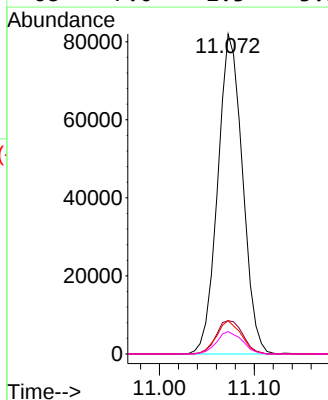


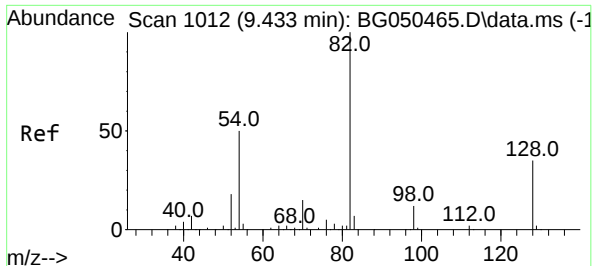
Tgt Ion:	70	Resp:	29782
Ion	Ratio	Lower	Upper
70	100		
42	48.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:	136	Resp:	148905
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	10.4	5.5	8.3#
68	7.0	2.3	3.5#

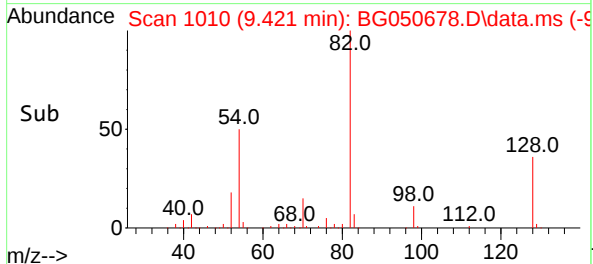
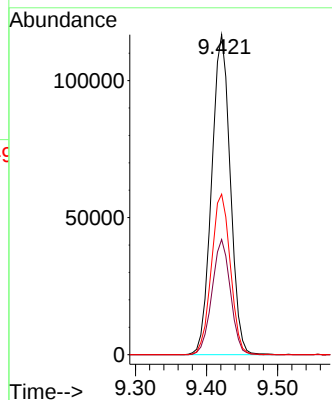
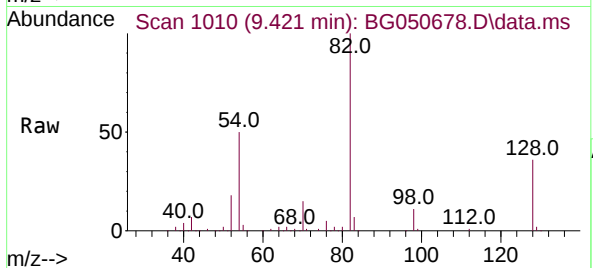




#23
Nitrobenzene-d5
Concen: 58.918 ng
RT: 9.421 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

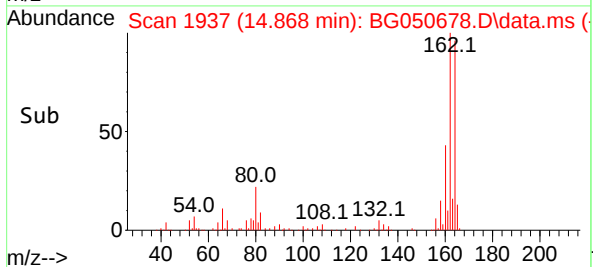
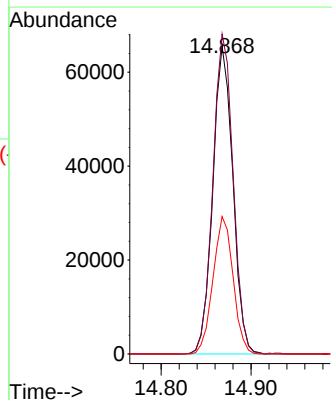
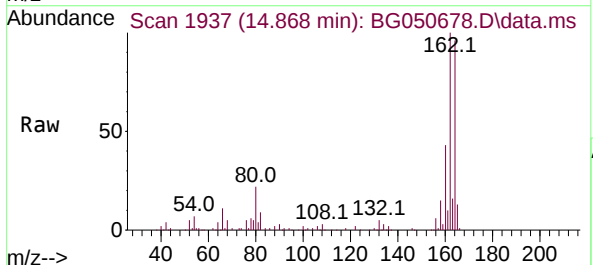
Instrument :
BNA_G
ClientSampleId :
TH-BD

Tgt Ion: 82 Resp: 211934
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 50.1 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: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:164 Resp: 101658
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 44.7 34.9 52.3

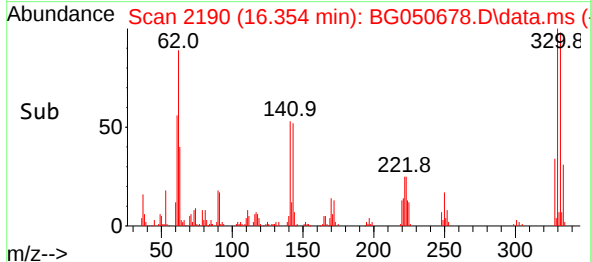
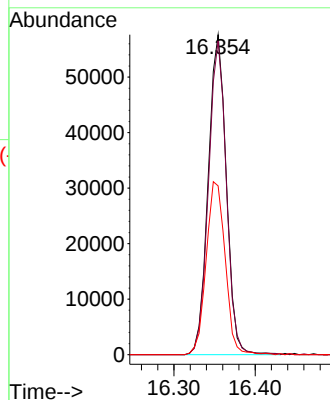
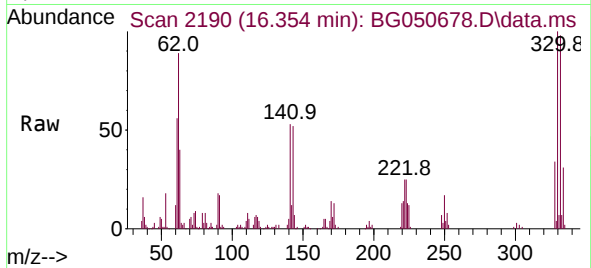




#42
2,4,6-Tribromophenol
Concen: 91.959 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

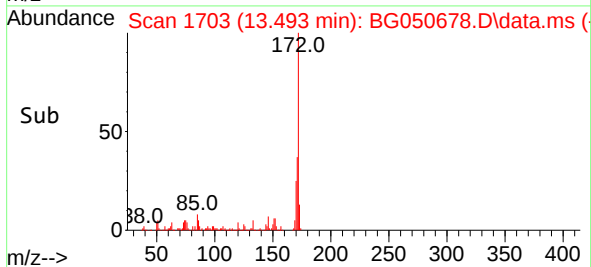
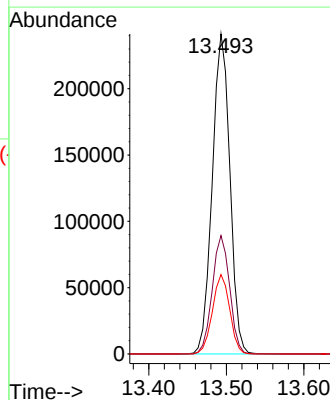
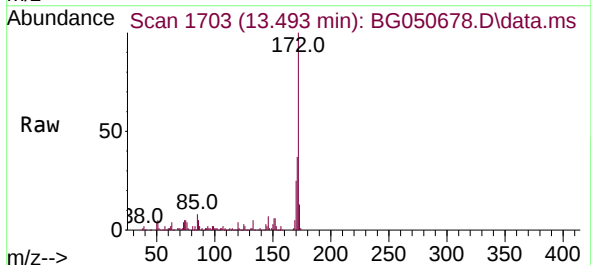
Instrument :
BNA_G
ClientSampleId :
TH-BD

Tgt Ion:330 Resp: 89167
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 56.7 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 56.249 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:172 Resp: 379936
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.8 18.6 27.8

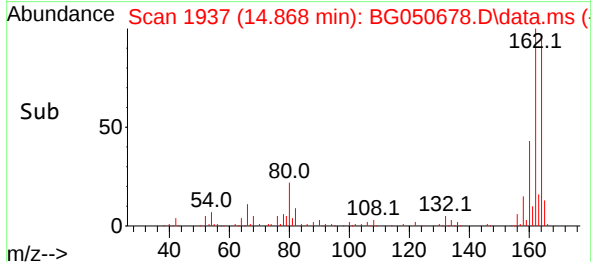
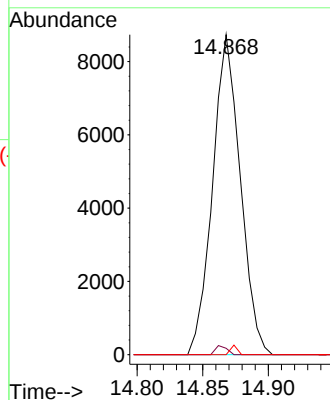
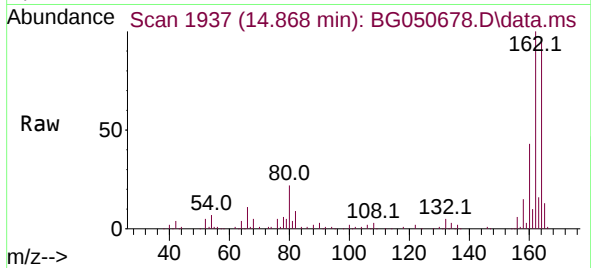




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

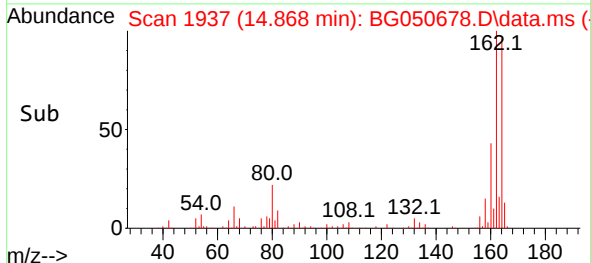
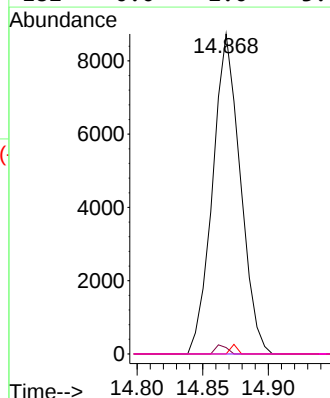
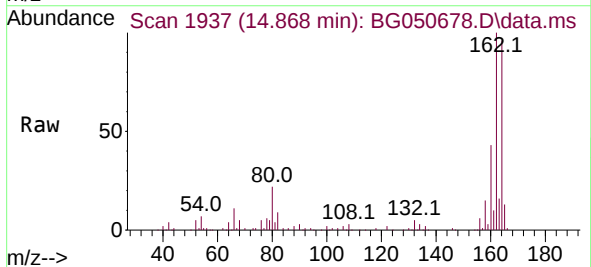
Instrument :
BNA_G
ClientSampled :
TH-BD

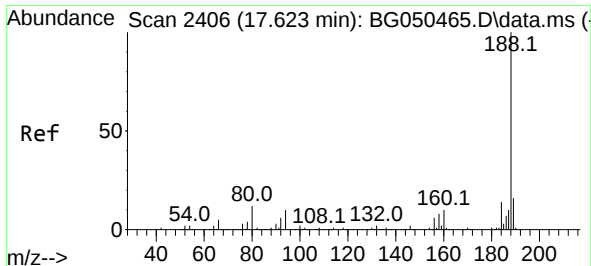
Tgt Ion:165 Resp: 12807
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.904 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.359 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:165 Resp: 12807
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

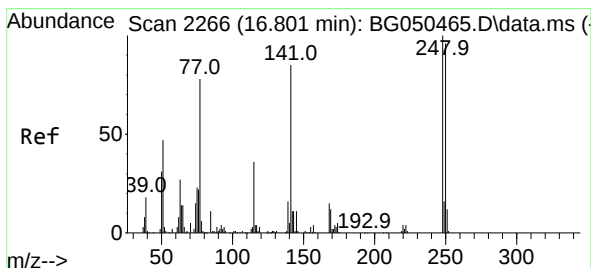
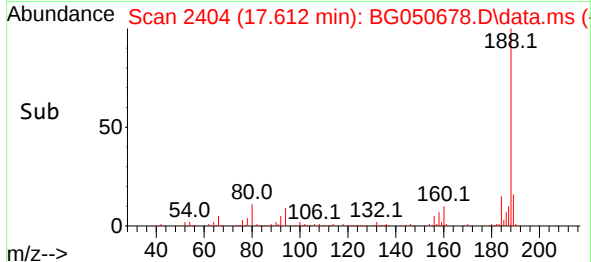
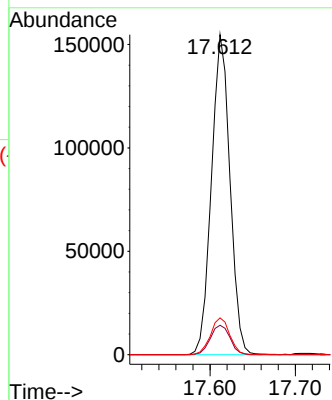
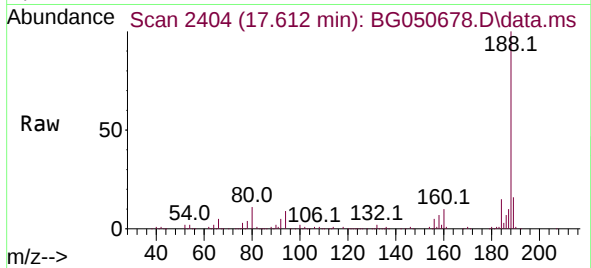




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

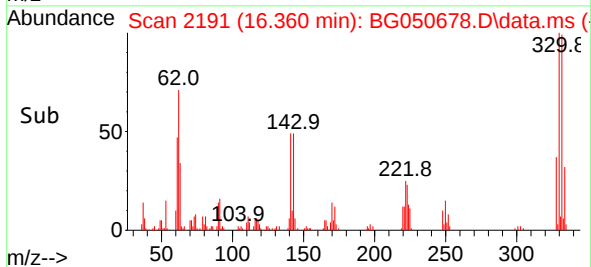
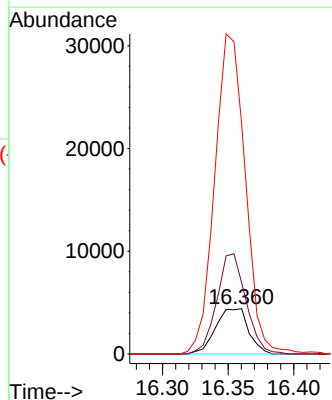
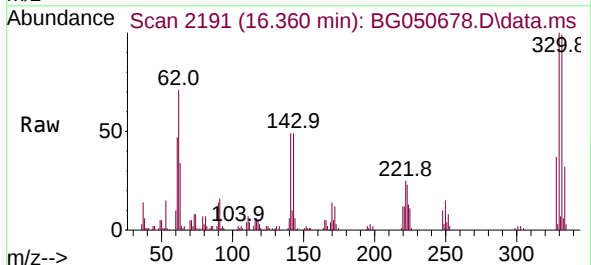
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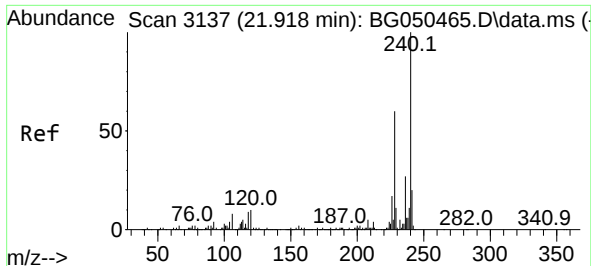
Tgt Ion:188 Resp: 233941
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.255 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:248 Resp: 7674
Ion Ratio Lower Upper
248 100
250 157.7 76.1 114.1#
141 509.3 65.4 98.2#

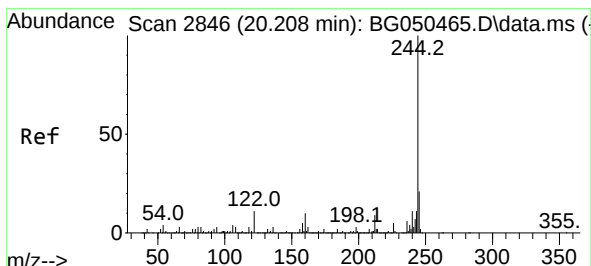
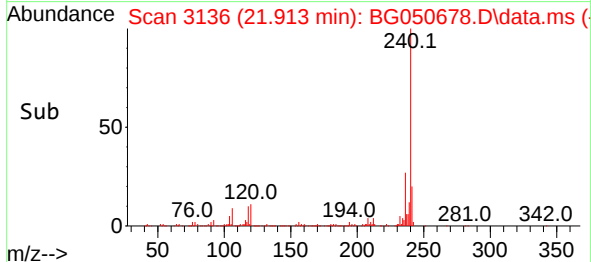
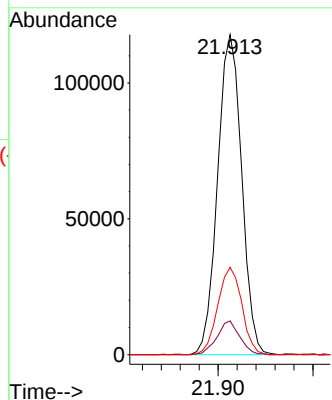
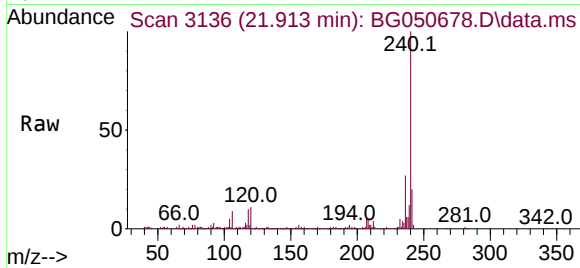




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

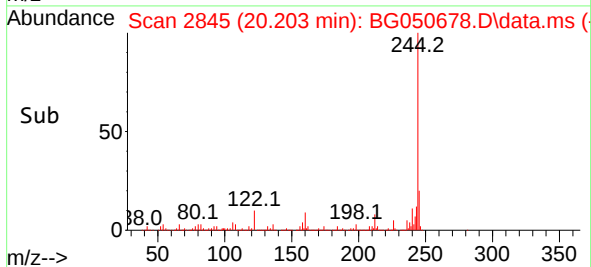
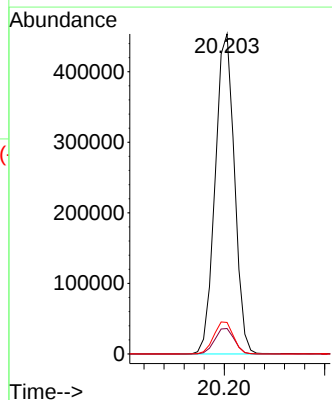
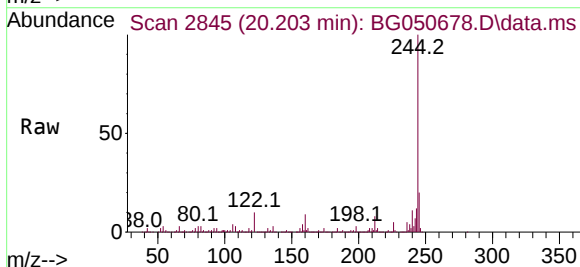
Instrument :
BNA_G
ClientSampled :
TH-BD

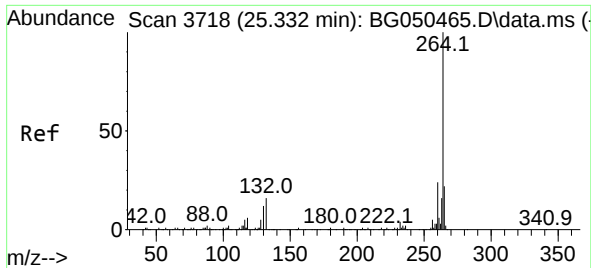
Tgt Ion:240 Resp: 207934
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 27.3 21.8 32.6



#79
Terphenyl-d14
Concen: 56.615 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050678.D
Acq: 21 Oct 2021 22:31

Tgt Ion:244 Resp: 604071
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 9.9 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: BG050678.D
 Acq: 21 Oct 2021 22:31

Instrument :
 BNA_G
 ClientSampleId :
 TH-BD

Tgt Ion:264	Resp:	204988
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.4 29.2
265	21.3	16.9 25.3

