

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054339.D
 Acq On : 20 Jul 2022 23:03
 Operator : CG/JU
 Sample : N3777-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-06-071922

Quant Time: Jul 21 01:26:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

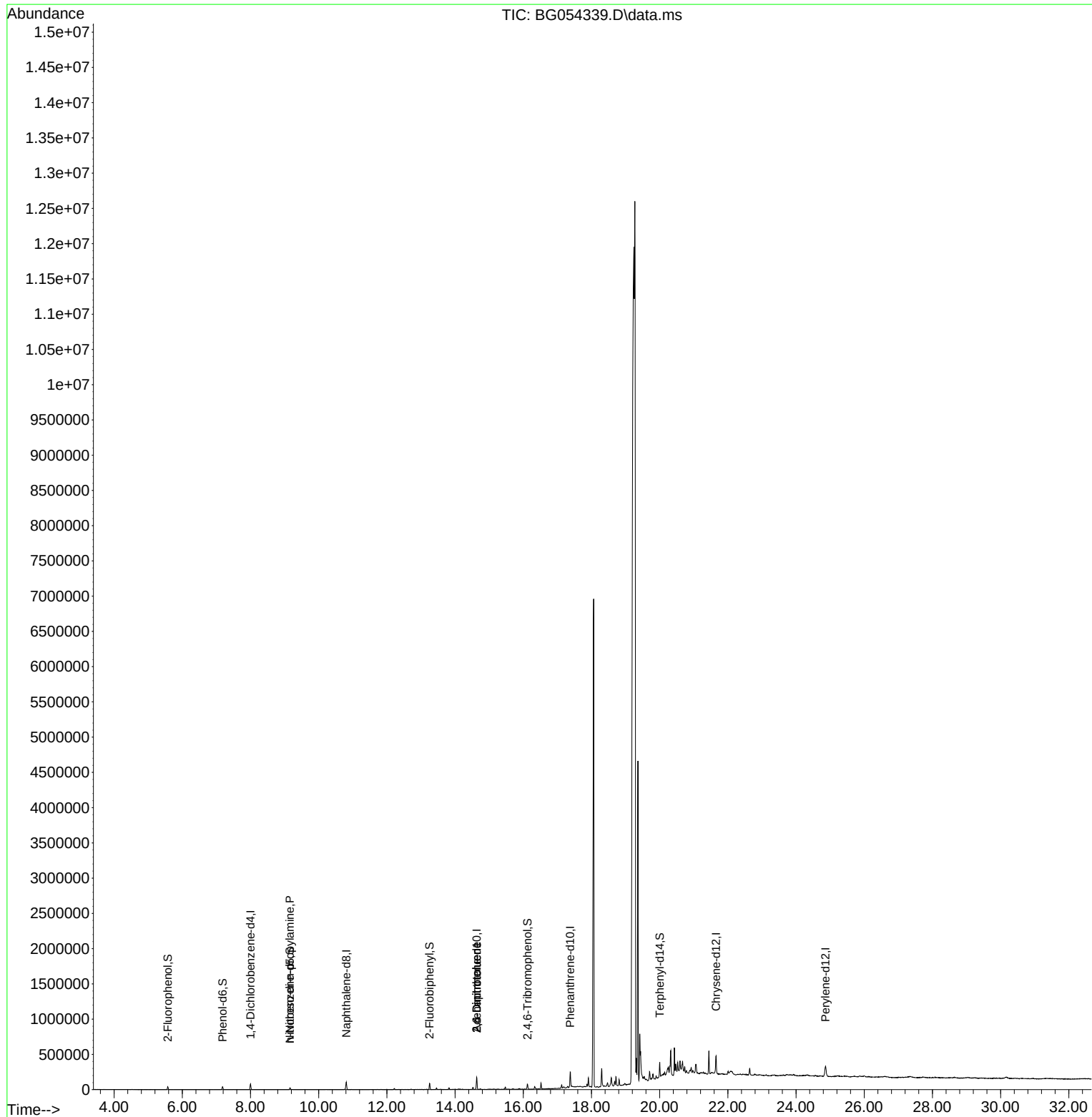
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	25546	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	93929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	66912	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	153674	20.000	ng	# 0.00
76) Chrysene-d12	21.655	240	172068	20.000	ng	# 0.01
86) Perylene-d12	24.863	264	180652	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.574	112	19115	15.623	ng	0.00
7) Phenol-d6	7.184	99	25235	15.052	ng	0.01
23) Nitrobenzene-d5	9.158	82	16998	9.855	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	20549	14.627	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	51145	10.783	ng	0.00
79) Terphenyl-d14	20.004	244	99772	11.503	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.158	70	2405	2.148	ng	# 85
51) 2,6-Dinitrotoluene	14.634	165	9927	8.659	ng	# 17
57) 2,4-Dinitrotoluene	14.634	165	9927	6.040	ng	# 23

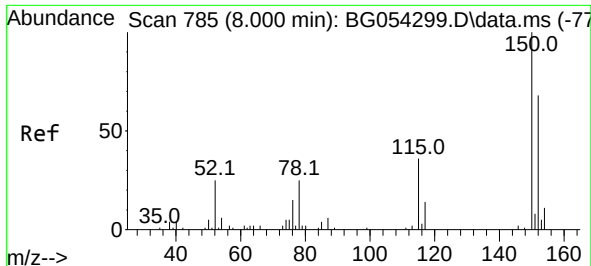
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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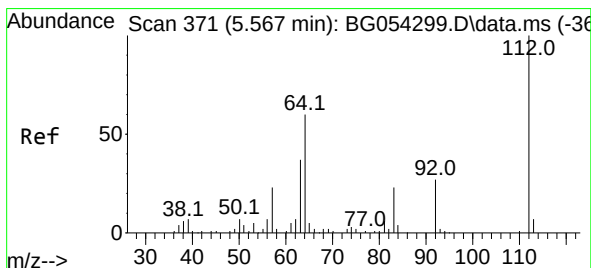
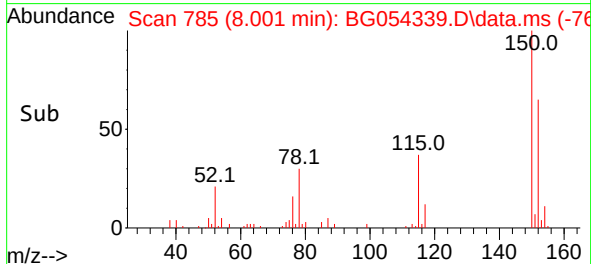
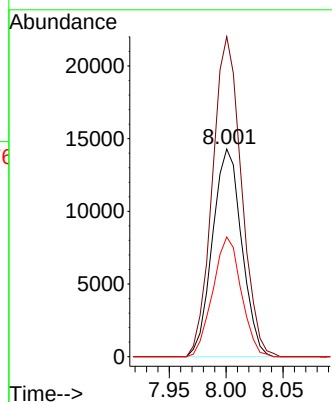
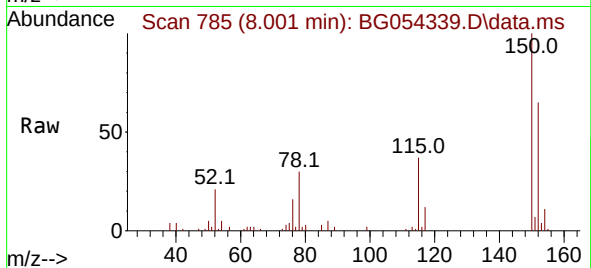




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.001 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

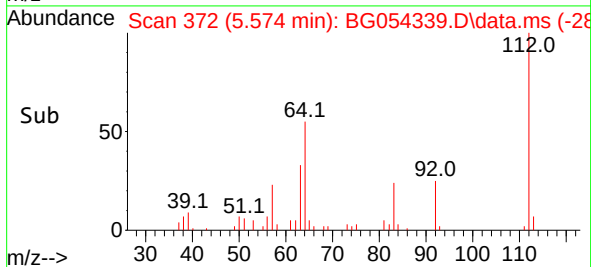
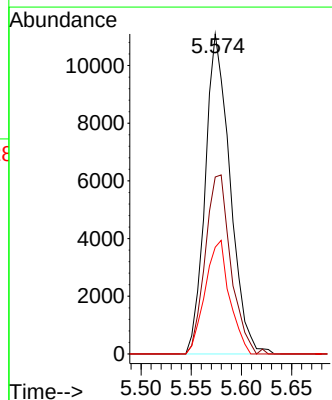
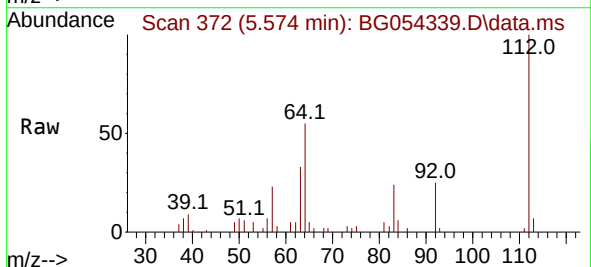
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

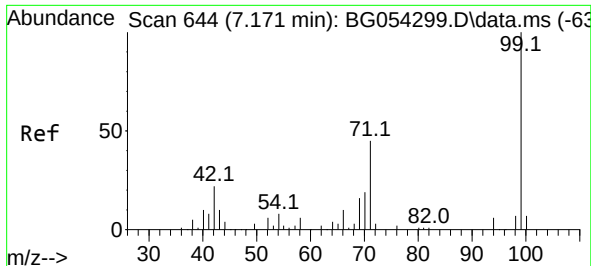
Tgt Ion:152 Resp: 25546
Ion Ratio Lower Upper
152 100
150 154.1 131.6 197.4
115 57.6 50.9 76.3



#5
2-Fluorophenol
Concen: 15.623 ng
RT: 5.574 min Scan# 372
Delta R.T. 0.007 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion:112 Resp: 19115
Ion Ratio Lower Upper
112 100
64 55.3 55.1 82.7
63 33.3 30.4 45.6

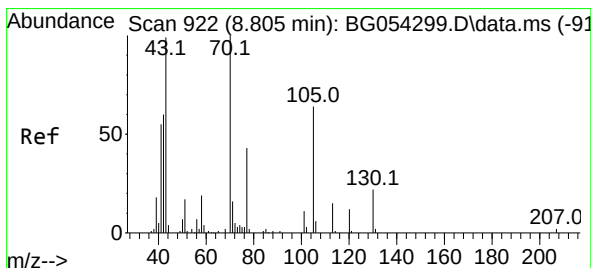
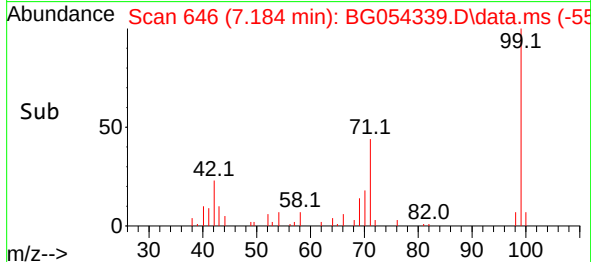
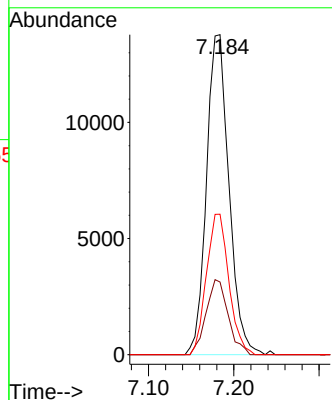
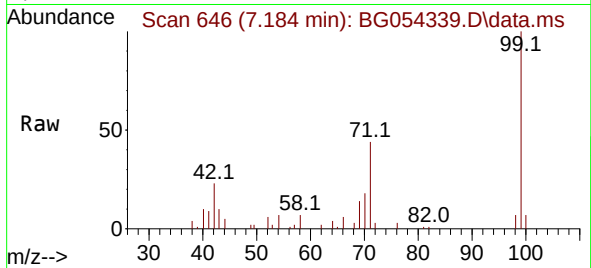




#7
Phenol-d6
Concen: 15.052 ng
RT: 7.184 min Scan# 64
Delta R.T. 0.012 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

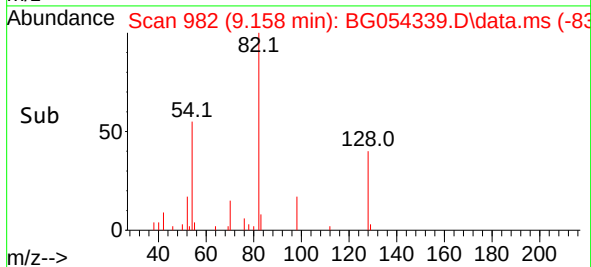
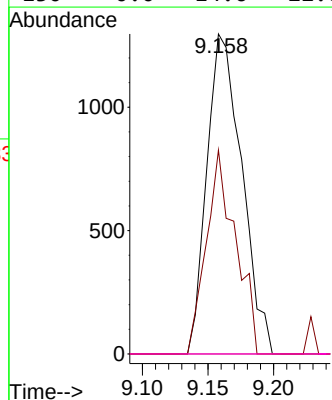
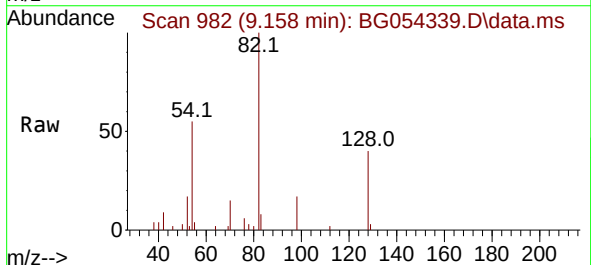
Instrument :
BNA_G
ClientSampleId :
TR-06-071922

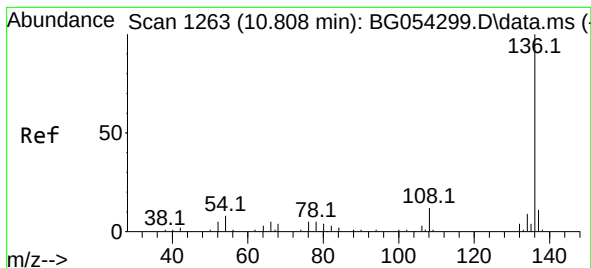
Tgt Ion: 99 Resp: 25235
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 43.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.148 ng
RT: 9.158 min Scan# 982
Delta R.T. 0.353 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion: 70 Resp: 2405
Ion Ratio Lower Upper
70 100
42 63.7 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: 10.809 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TR-06-071922

Tgt Ion:136 Resp: 93929

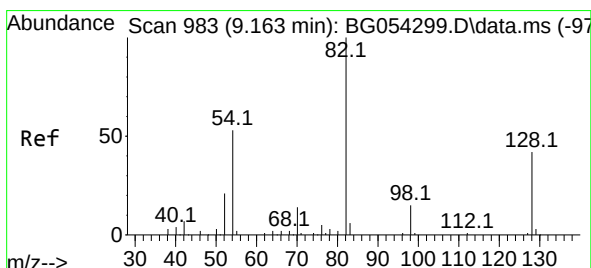
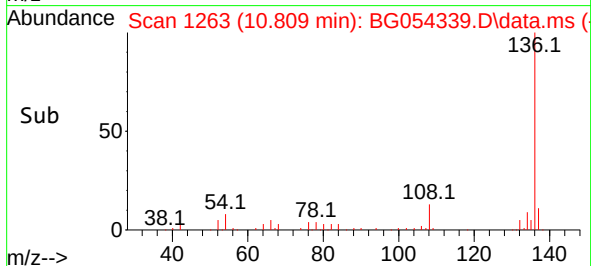
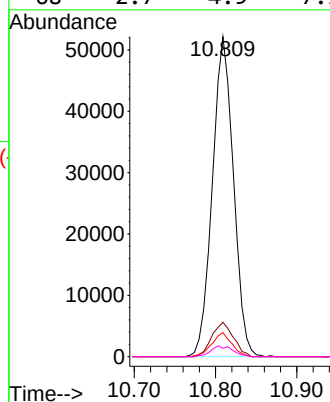
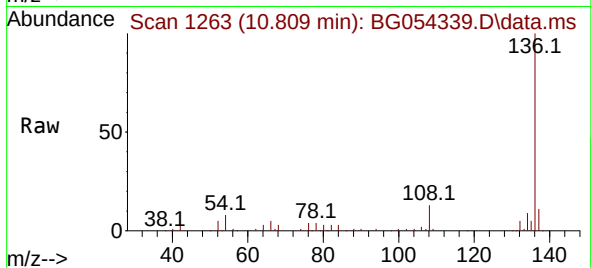
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.5 7.4 11.2

68 2.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 9.855 ng

RT: 9.158 min Scan# 982

Delta R.T. -0.005 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

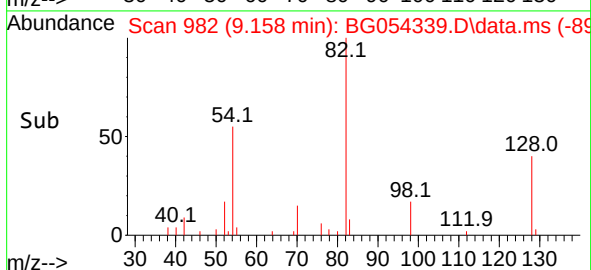
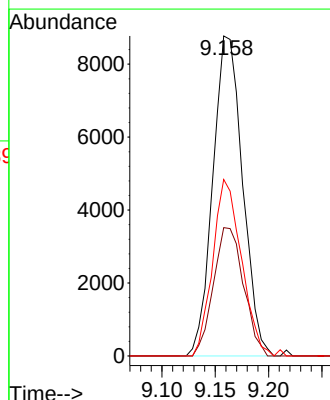
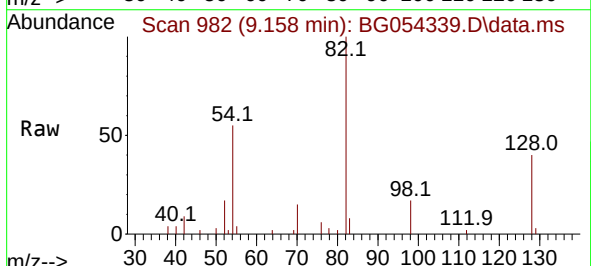
Tgt Ion: 82 Resp: 16998

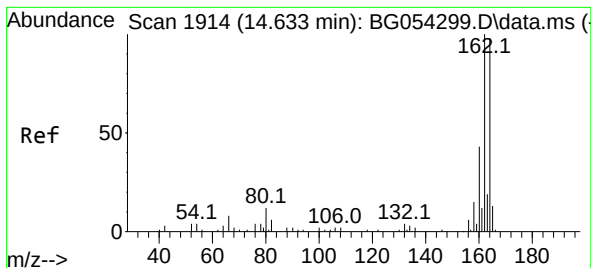
Ion Ratio Lower Upper

82 100

128 40.1 27.9 41.9

54 55.1 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.634 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TR-06-071922

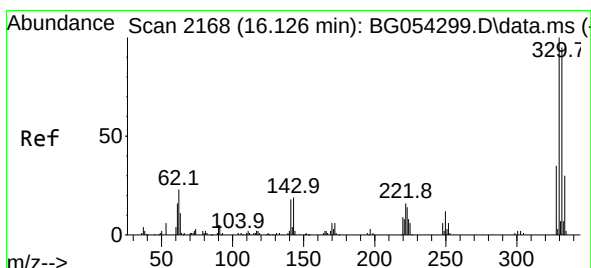
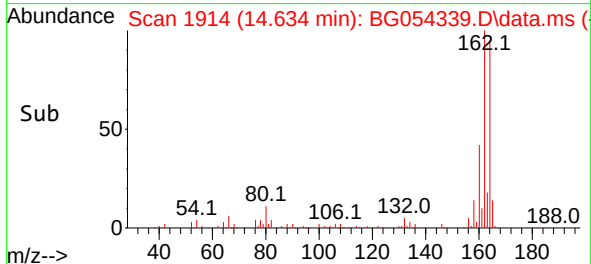
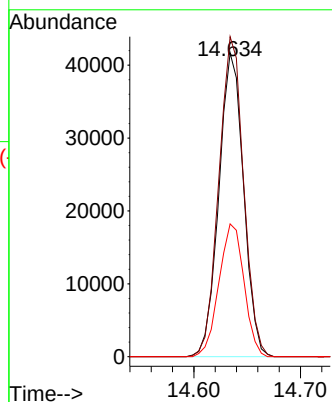
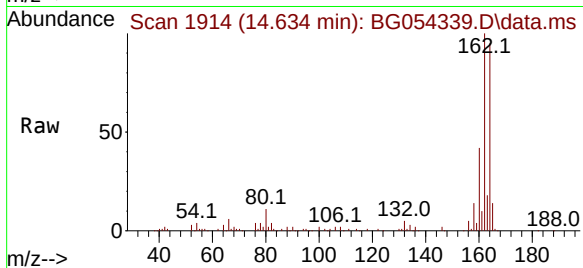
Tgt Ion:164 Resp: 66912

Ion Ratio Lower Upper

164 100

162 105.4 82.3 123.5

160 43.7 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 14.627 ng

RT: 16.126 min Scan# 2168

Delta R.T. 0.001 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

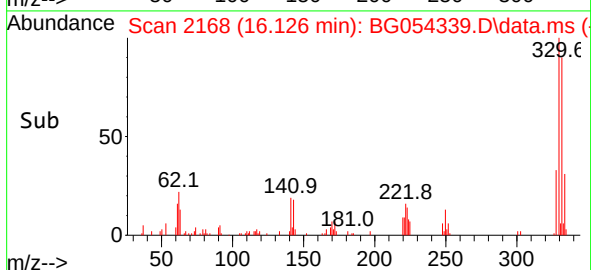
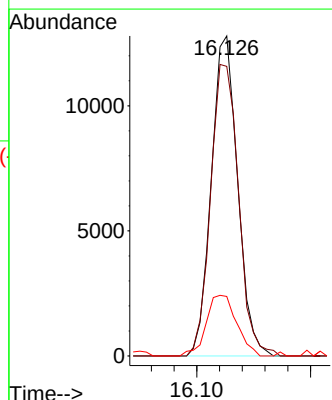
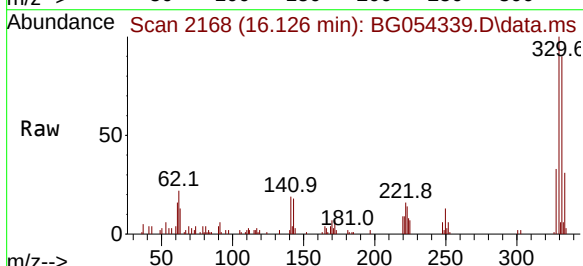
Tgt Ion:330 Resp: 20549

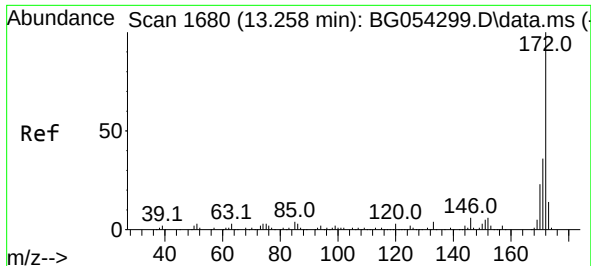
Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 21.9 27.1 40.7#

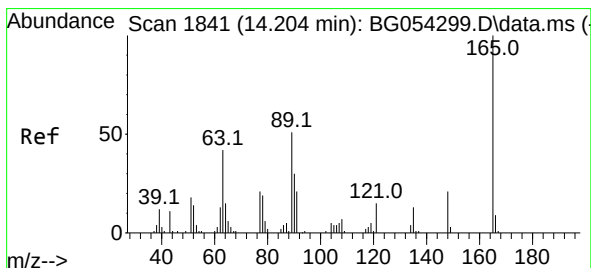
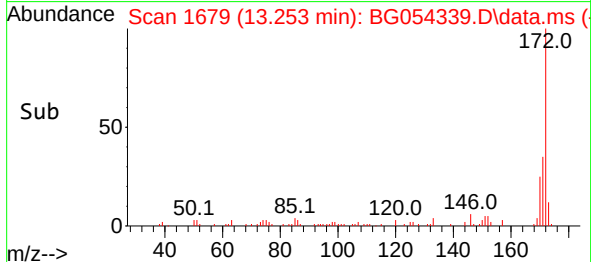
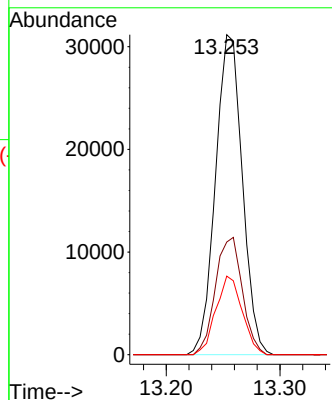
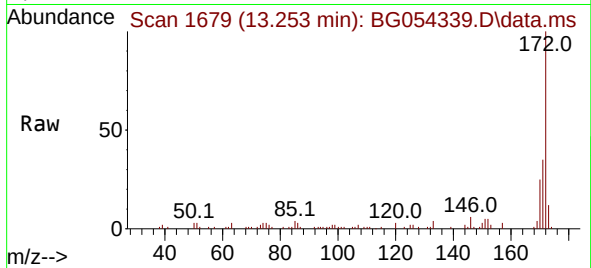




#45
2-Fluorobiphenyl
Concen: 10.783 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

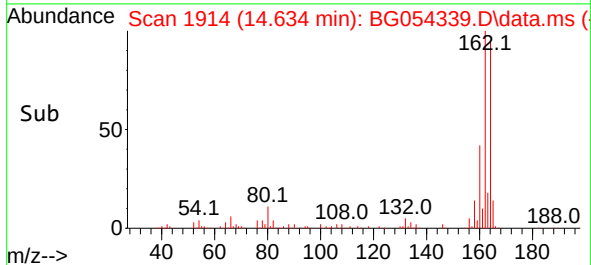
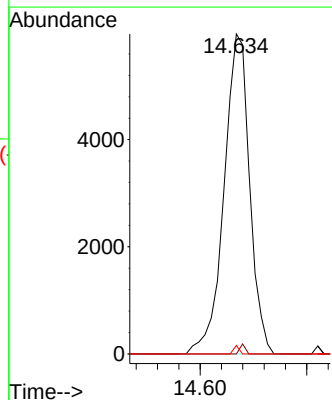
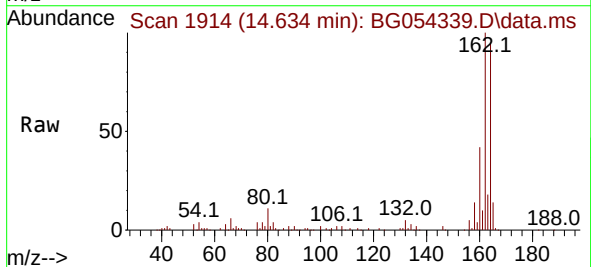
Instrument :
BNA_G
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TR-06-071922

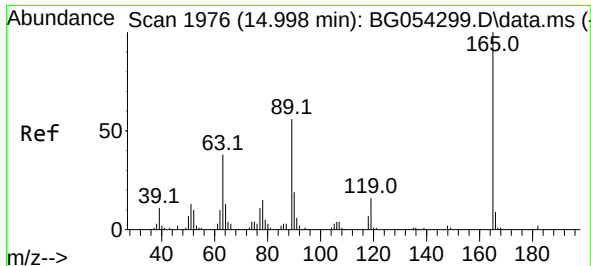
Tgt Ion:172 Resp: 51145
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.659 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.430 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

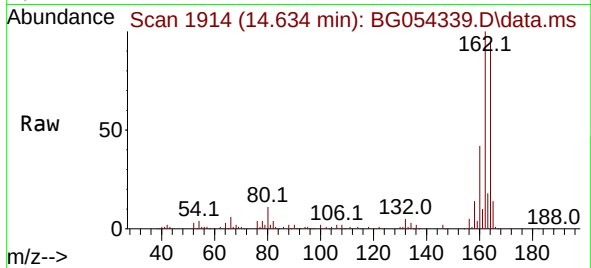
Tgt Ion:165 Resp: 9927
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.6 54.8 82.2#



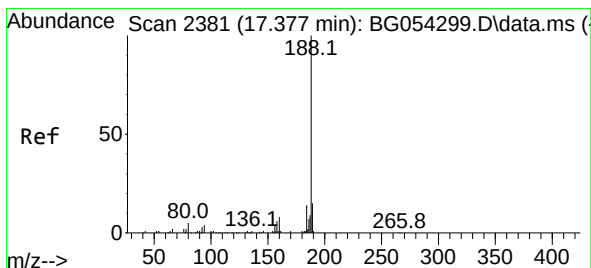
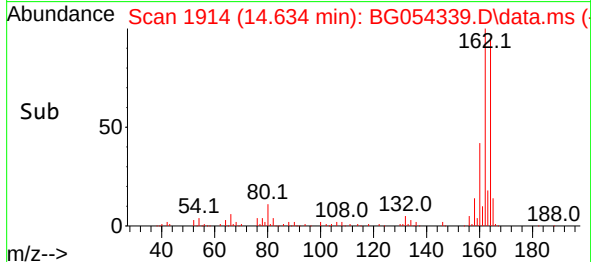
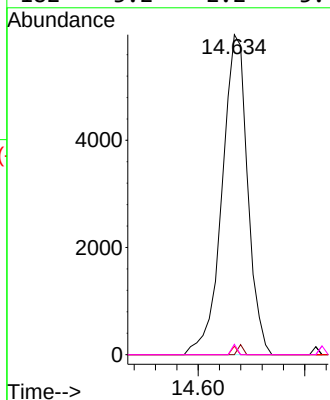


#57
2,4-Dinitrotoluene
Concen: 6.040 ng
RT: 14.634 min Scan# 1914
Delta R.T. -0.364 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Instrument :
BNA_G
ClientSampleId :
TR-06-071922

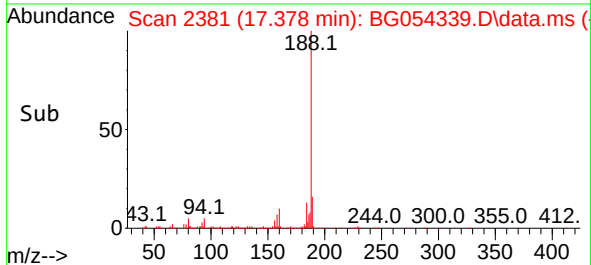
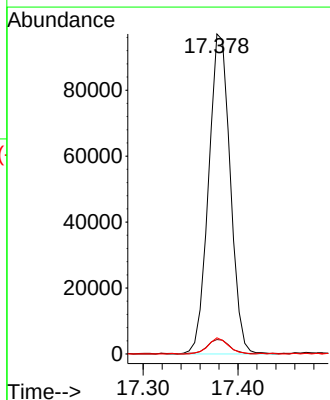
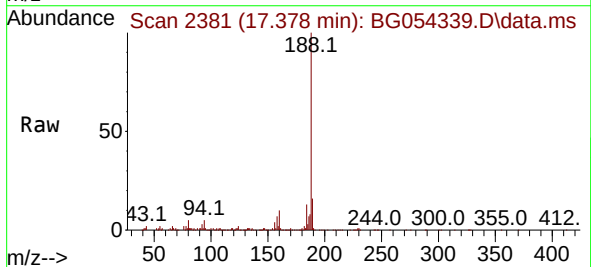


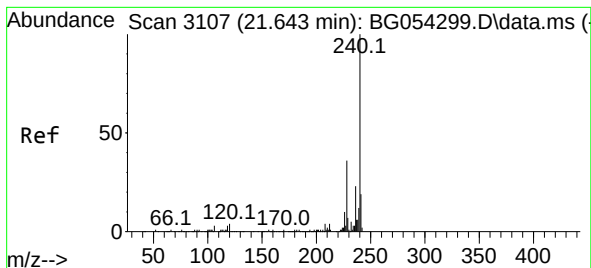
Tgt Ion:165 Resp: 9927
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.6 60.3 90.5#
182 3.2 2.2 3.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.378 min Scan# 2381
Delta R.T. 0.001 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Tgt Ion:188 Resp: 153674
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.1 6.8 10.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.655 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TR-06-071922

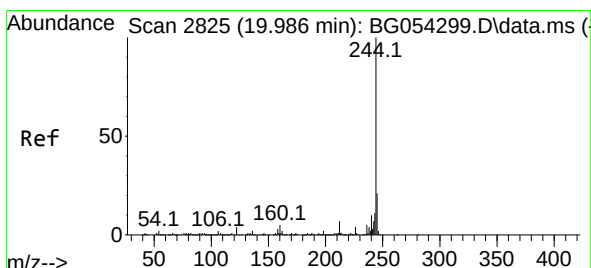
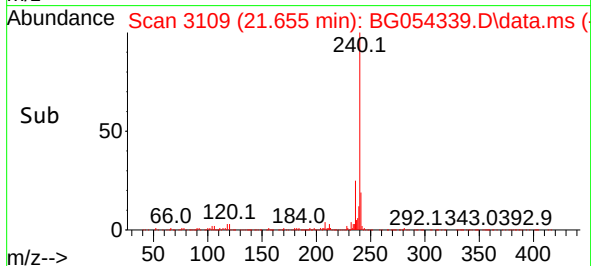
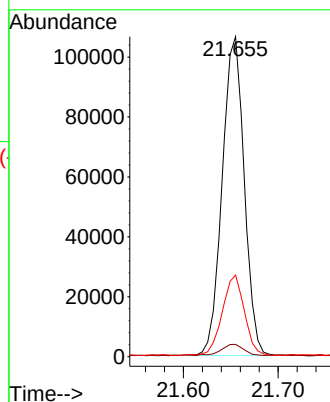
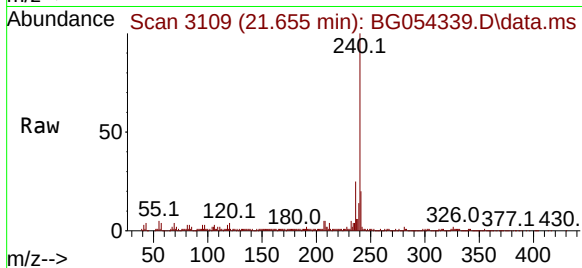
Tgt Ion:240 Resp: 172068

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 25.5 20.2 30.4



#79

Terphenyl-d14

Concen: 11.503 ng

RT: 20.004 min Scan# 2828

Delta R.T. 0.018 min

Lab File: BG054339.D

Acq: 20 Jul 2022 23:03

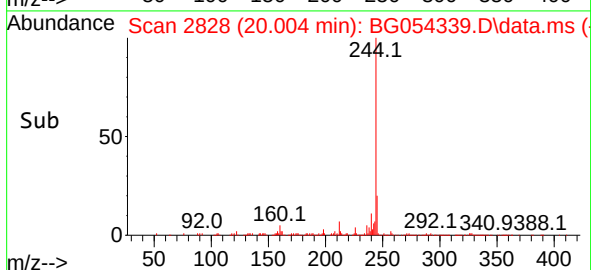
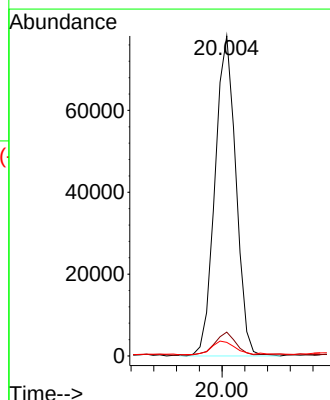
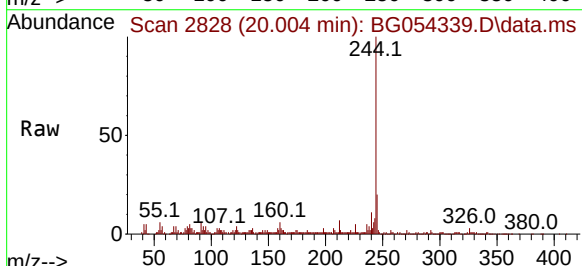
Tgt Ion:244 Resp: 99772

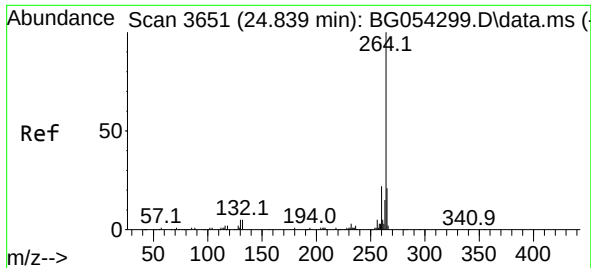
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

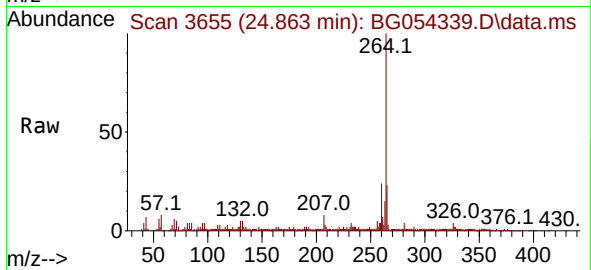
122 4.3 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 30
Delta R.T. 0.024 min
Lab File: BG054339.D
Acq: 20 Jul 2022 23:03

Instrument :
BNA_G
ClientSampleId :
TR-06-071922



Tgt Ion:	264	Resp:	180652
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.6
265	23.3	17.4	26.2

