

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055013.D
 Acq On : 23 Sep 2022 15:21
 Operator : CG/JU
 Sample : N4764-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-46

Quant Time: Sep 24 02:27:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

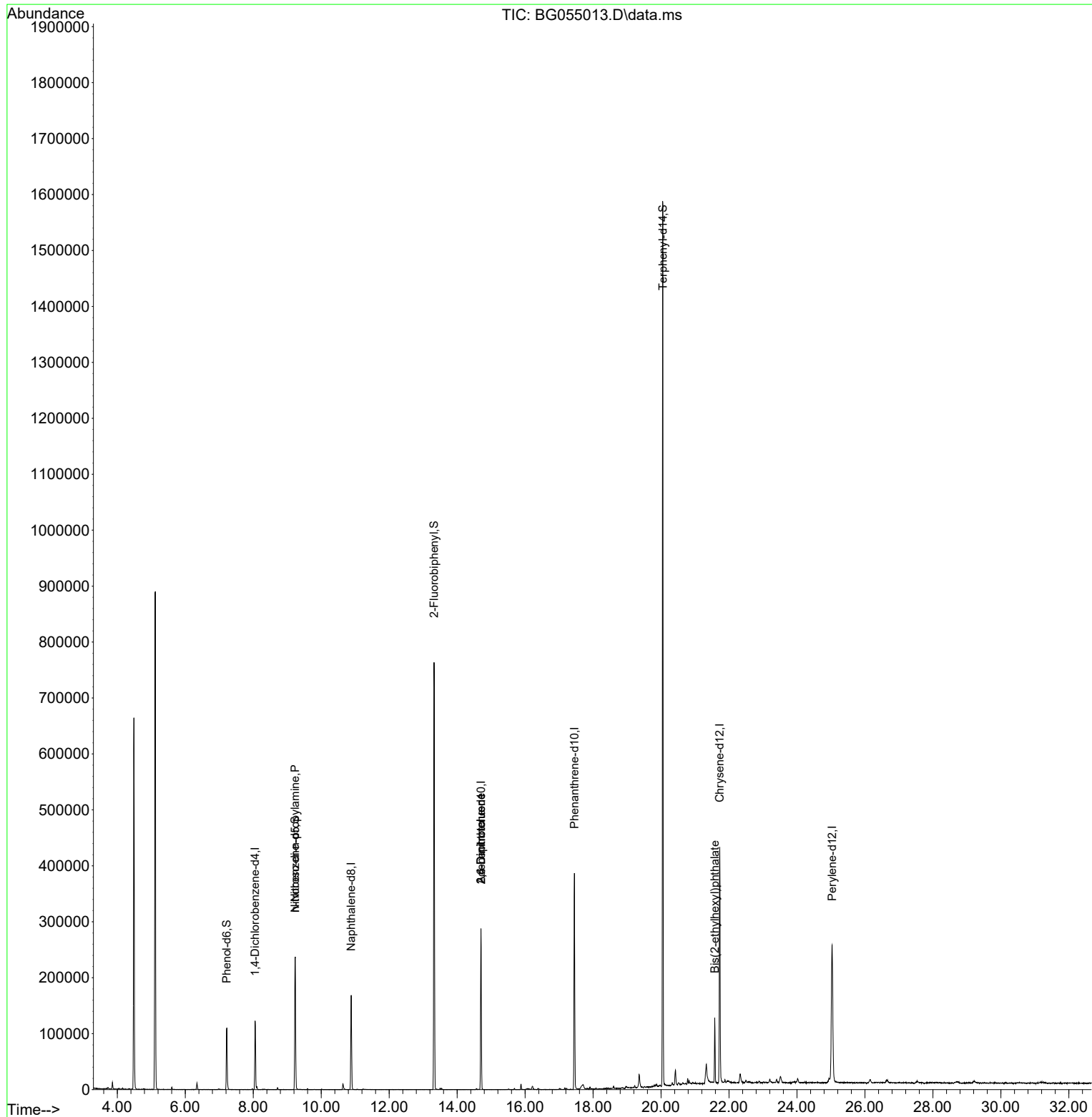
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	39614	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	152641	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	107715	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	266846	20.000	ng	0.00
76) Chrysene-d12	21.728	240	279637	20.000	ng	0.00
86) Perylene-d12	25.036	264	294463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2723	1.345	ng	0.00
7) Phenol-d6	7.221	99	78719	29.009	ng	0.00
23) Nitrobenzene-d5	9.236	82	158783	60.294	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.320	172	440098	64.391	ng	0.00
79) Terphenyl-d14	20.053	244	861517	64.446	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.236	70	19826	10.615	ng	# 75
51) 2,6-Dinitrotoluene	14.701	165	14435	8.324	ng	# 20
57) 2,4-Dinitrotoluene	14.701	165	14435	5.852	ng	# 18
84) Bis(2-ethylhexyl)phtha...	21.581	149	53300	5.202	ng	100

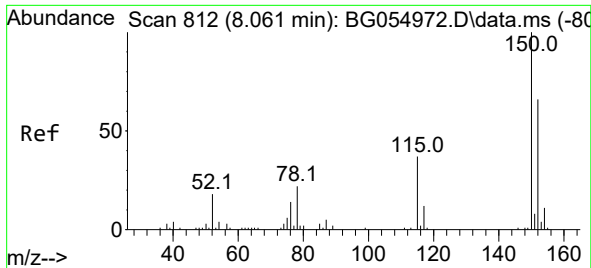
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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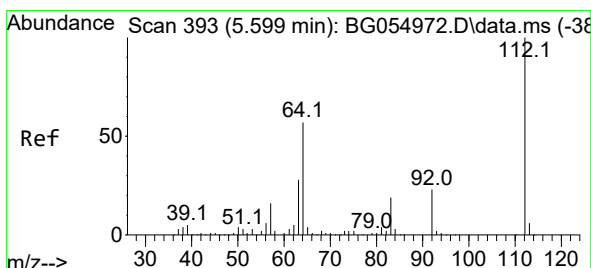
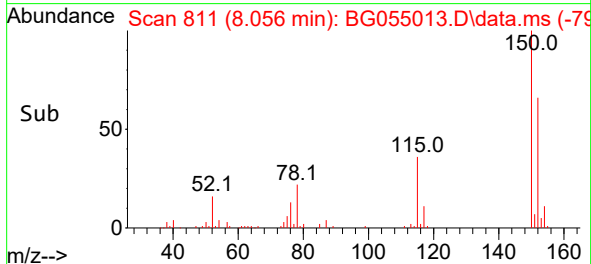
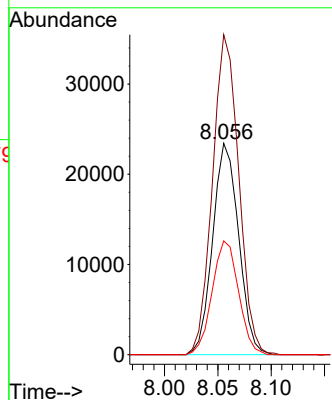
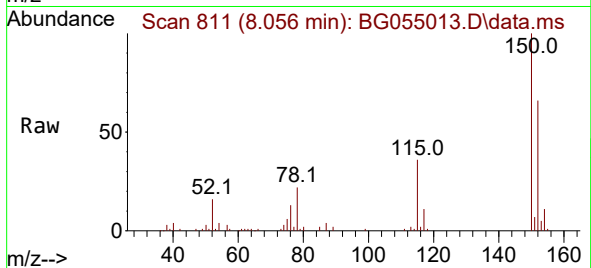




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

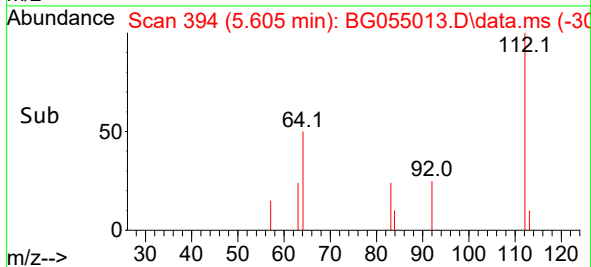
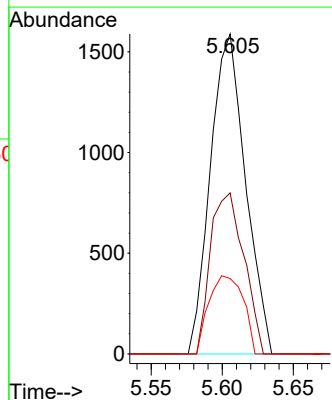
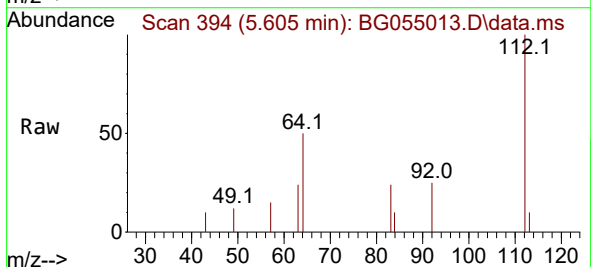
Instrument :
BNA_G
ClientSampleId :
RBR-46

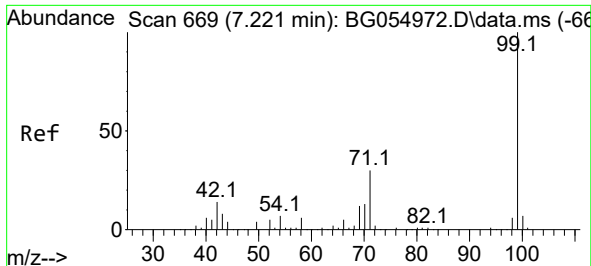
Tgt Ion:152 Resp: 39614
Ion Ratio Lower Upper
152 100
150 151.4 125.2 187.8
115 53.8 47.9 71.9



#5
2-Fluorophenol
Concen: 1.345 ng
RT: 5.605 min Scan# 394
Delta R.T. 0.007 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

Tgt Ion:112 Resp: 2723
Ion Ratio Lower Upper
112 100
64 50.3 49.3 73.9
63 23.6 26.3 39.5#

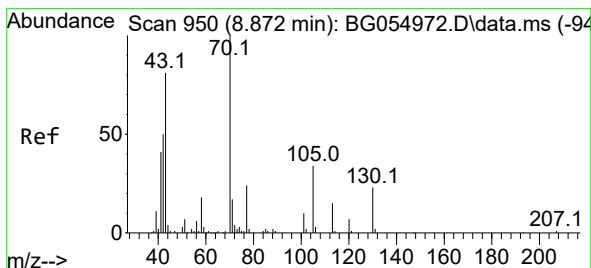
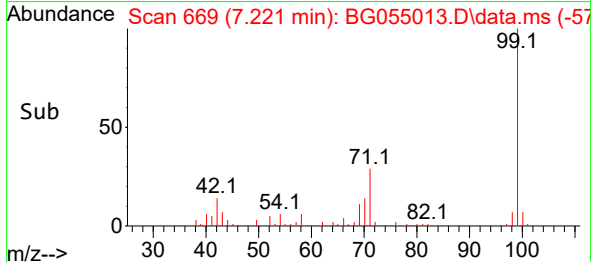
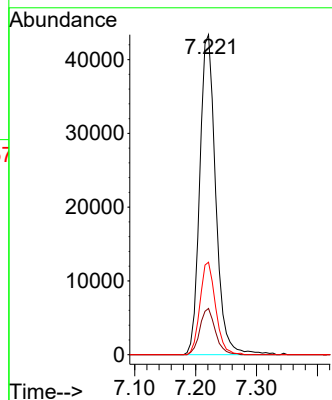
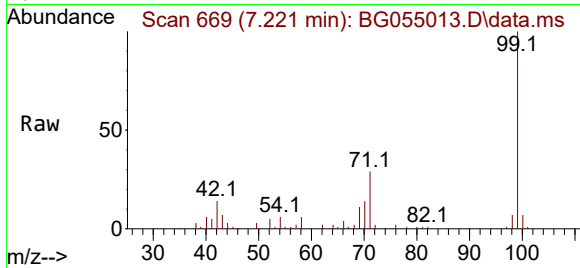




#7
Phenol-d6
Concen: 29.009 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

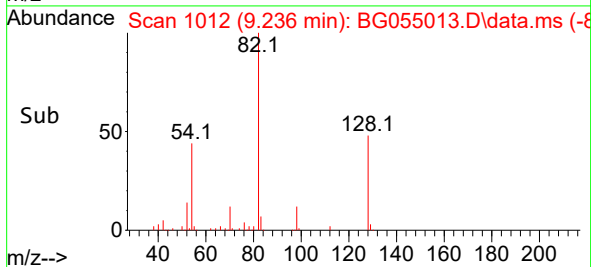
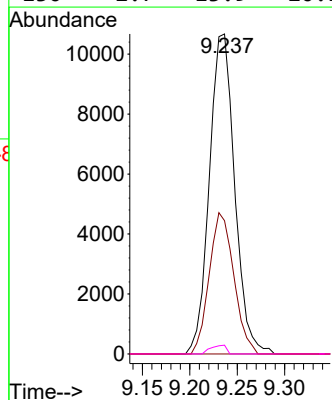
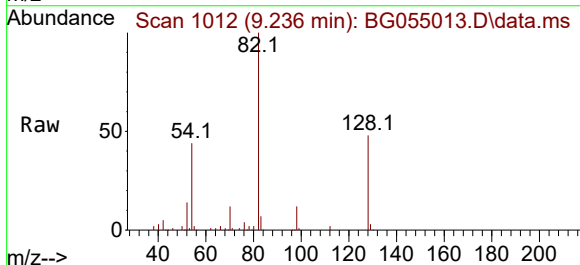
Instrument :
BNA_G
ClientSampleId :
RBR-46

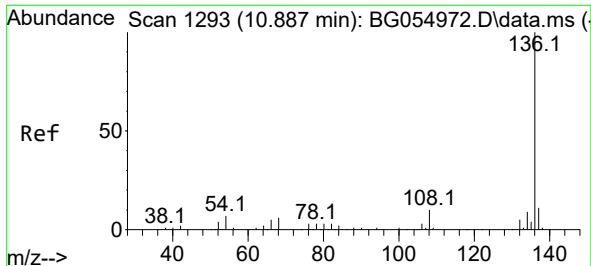
Tgt Ion: 99 Resp: 78719
Ion Ratio Lower Upper
99 100
42 14.5 14.6 22.0#
71 28.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.615 ng
RT: 9.236 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

Tgt Ion: 70 Resp: 19826
Ion Ratio Lower Upper
70 100
42 41.7 46.6 69.8#
101 0.0 7.7 11.5#
130 2.7 13.9 20.9#

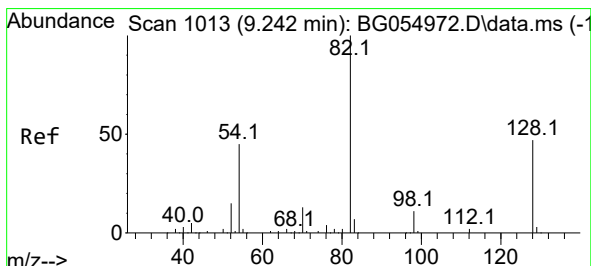
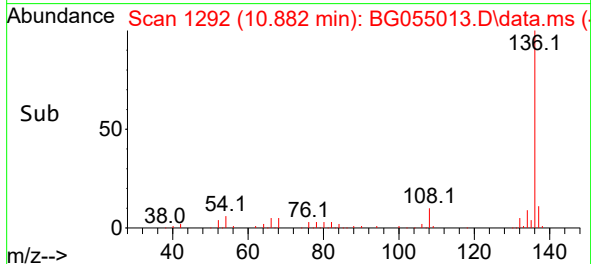
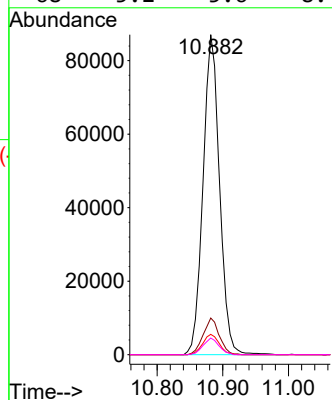
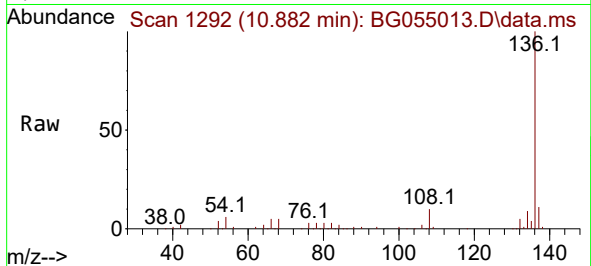




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

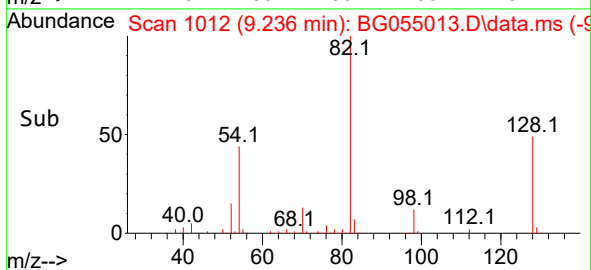
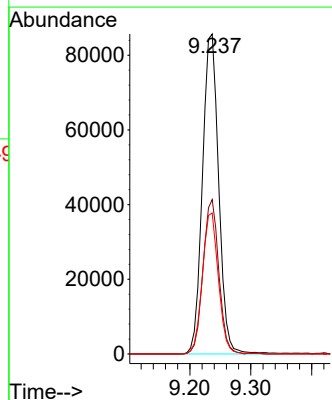
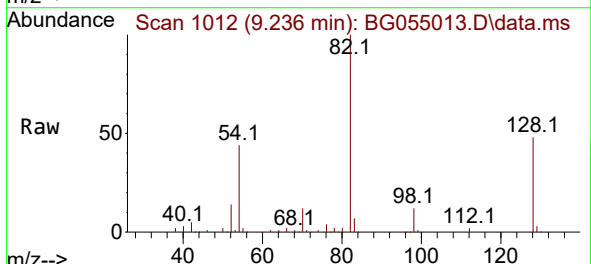
Instrument :
BNA_G
ClientSampleId :
RBR-46

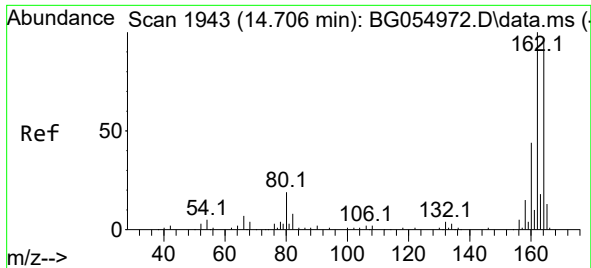
Tgt Ion:	136	Resp:	152641
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	6.4	7.7	11.5#
68	5.2	5.6	8.4#



#23
Nitrobenzene-d5
Concen: 60.294 ng
RT: 9.236 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

Tgt Ion:	82	Resp:	158783
Ion Ratio	Lower	Upper	
82	100		
128	48.2	32.2	48.2#
54	44.1	41.4	62.0

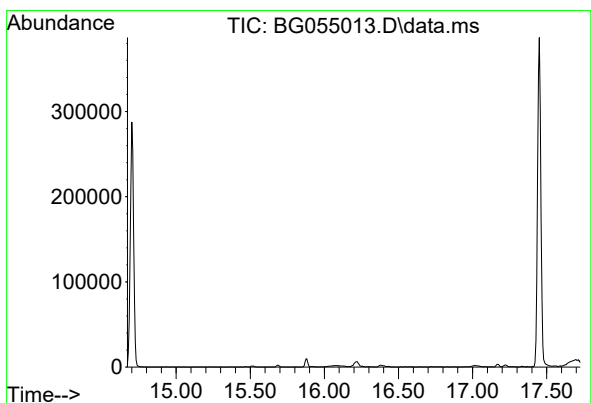
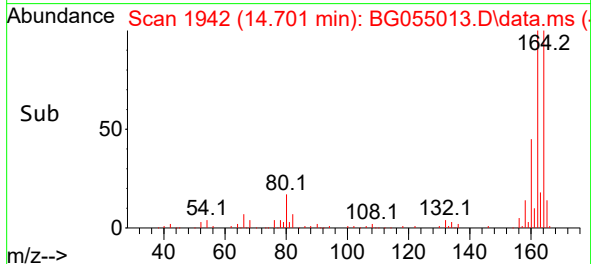
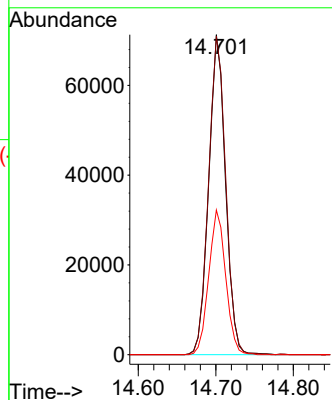
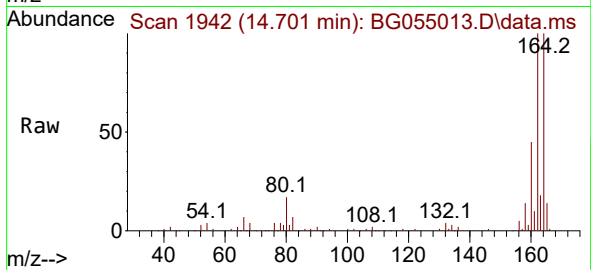




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.701 min Scan# 1942
 Delta R.T. -0.005 min
 Lab File: BG055013.D
 Acq: 23 Sep 2022 15:21

Instrument :
 BNA_G
 ClientSampleId :
 RBR-46

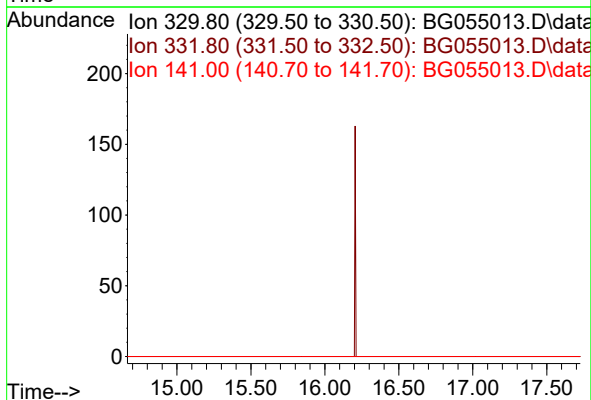
Tgt Ion:164 Resp: 107715
 Ion Ratio Lower Upper
 164 100
 162 99.5 83.0 124.4
 160 45.2 38.0 57.0

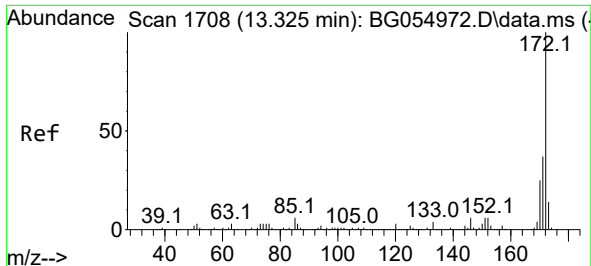


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.20 min

Lab File: BG055013.D
 Acq: 23 Sep 2022 15:21

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 99.7
 141 33.5

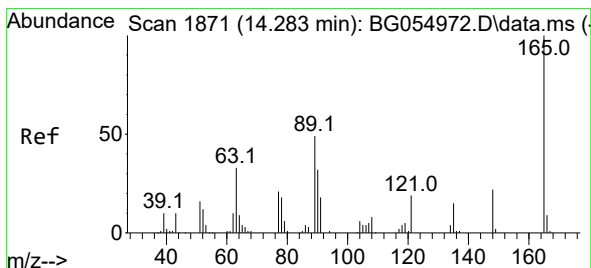
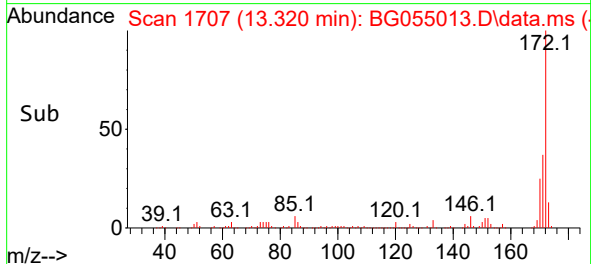
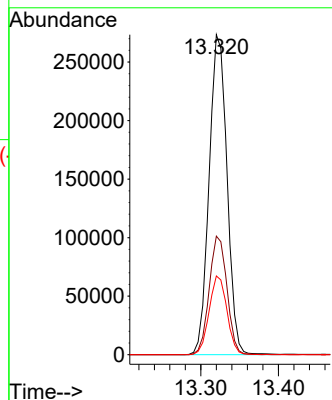
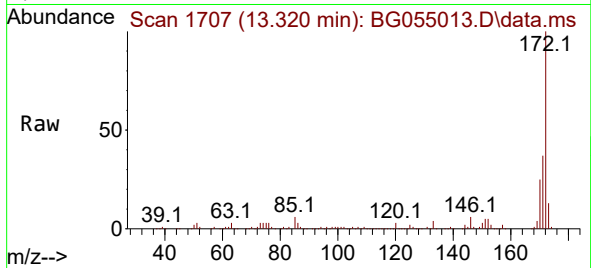




#45
2-Fluorobiphenyl
Concen: 64.391 ng
RT: 13.320 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

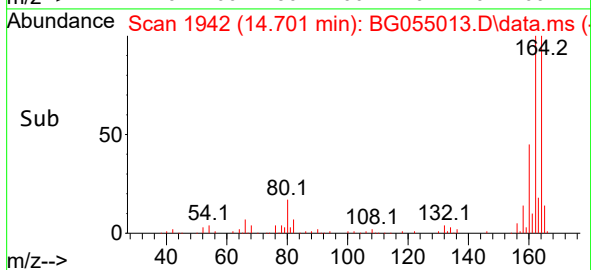
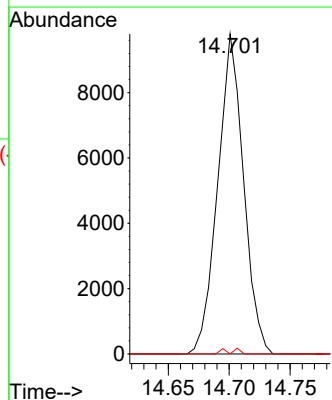
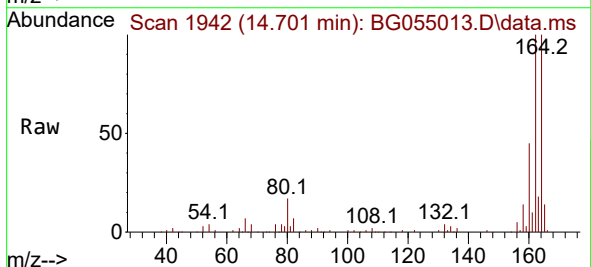
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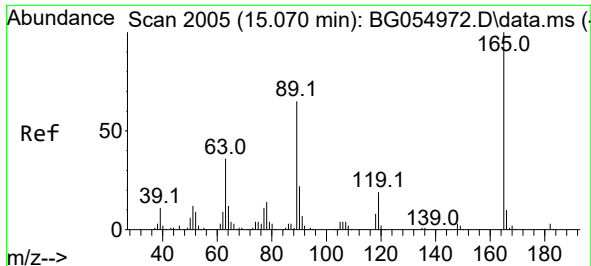
Tgt Ion:172 Resp: 440098
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 14.701 min Scan# 1942
Delta R.T. 0.418 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

Tgt Ion:165 Resp: 14435
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.852 ng

RT: 14.701 min Scan# 14

Delta R.T. -0.369 min

Lab File: BG055013.D

Acq: 23 Sep 2022 15:21

Instrument :

BNA_G

ClientSampleId :

RBR-46

Tgt Ion:165 Resp: 14435

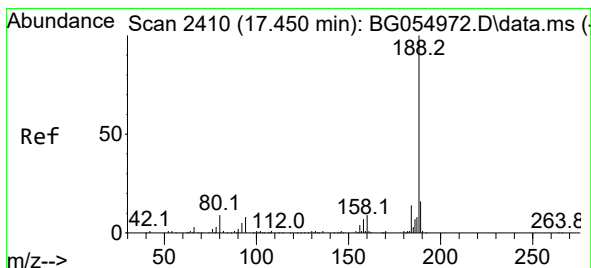
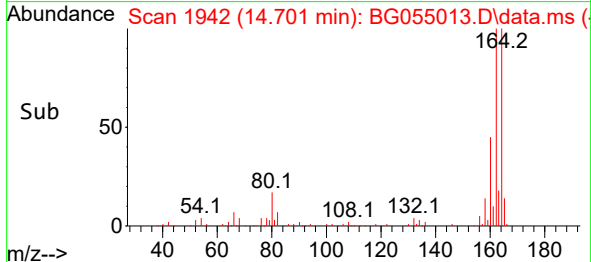
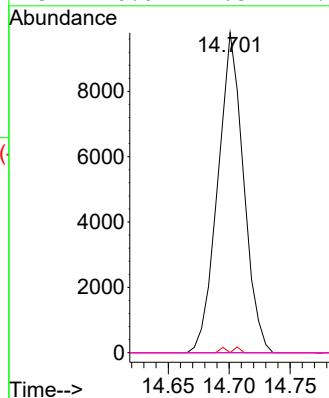
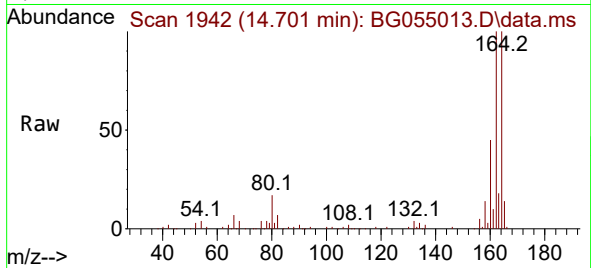
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.450 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BG055013.D

Acq: 23 Sep 2022 15:21

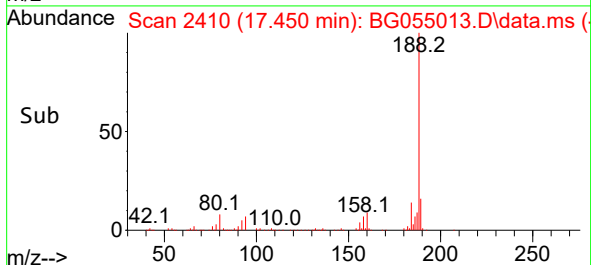
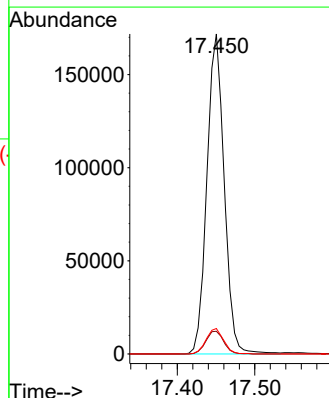
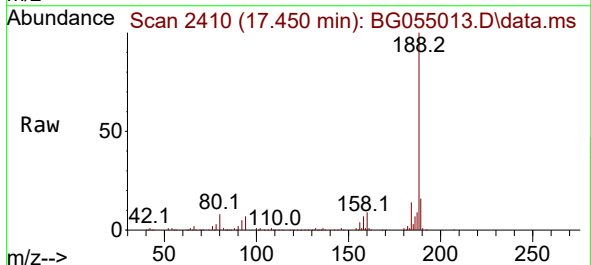
Tgt Ion:188 Resp: 266846

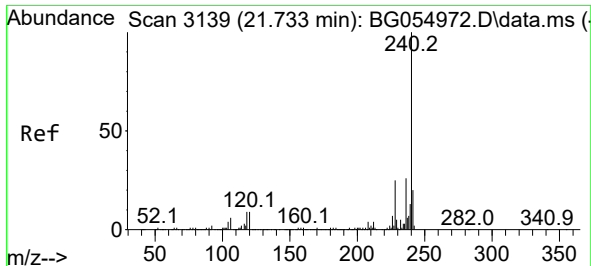
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 8.0 7.9 11.9

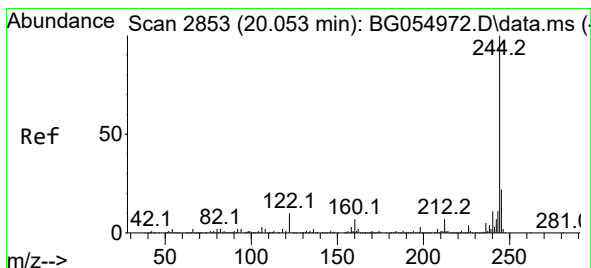
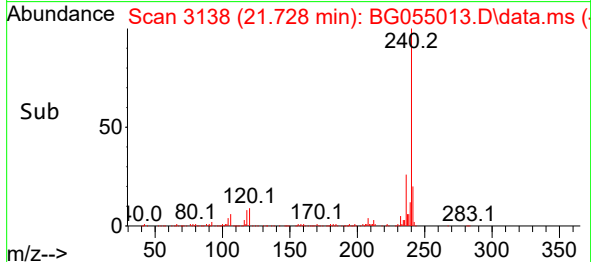
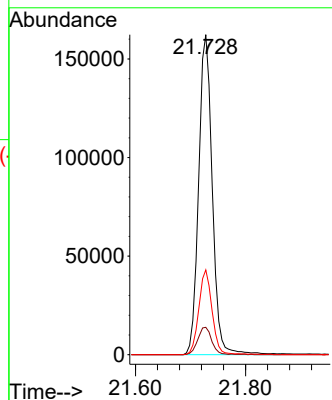
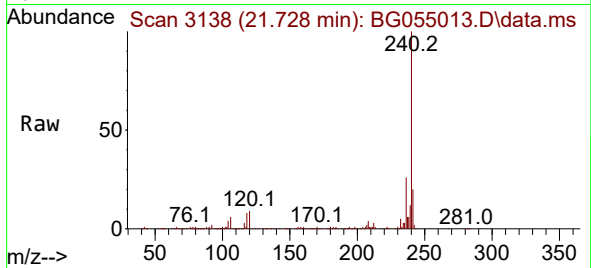




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

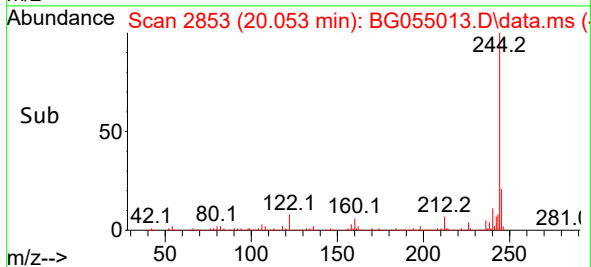
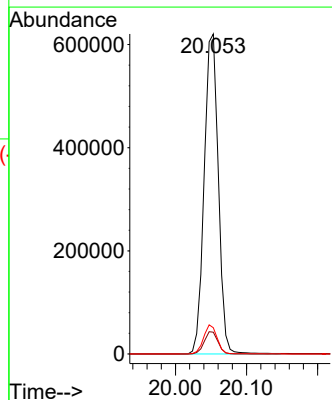
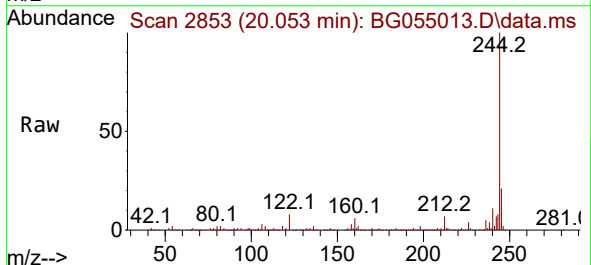
Instrument :
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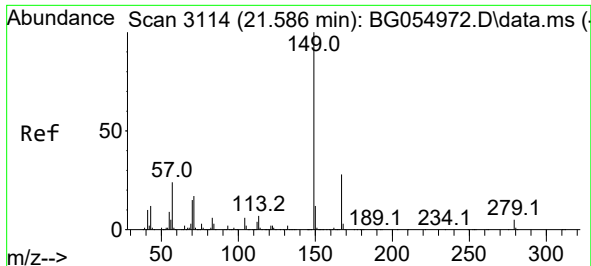
Tgt Ion:240 Resp: 279637
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.4
236 26.5 21.2 31.8



#79
Terphenyl-d14
Concen: 64.446 ng
RT: 20.053 min Scan# 2853
Delta R.T. 0.001 min
Lab File: BG055013.D
Acq: 23 Sep 2022 15:21

Tgt Ion:244 Resp: 861517
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.2
122 8.2 9.0 13.6#

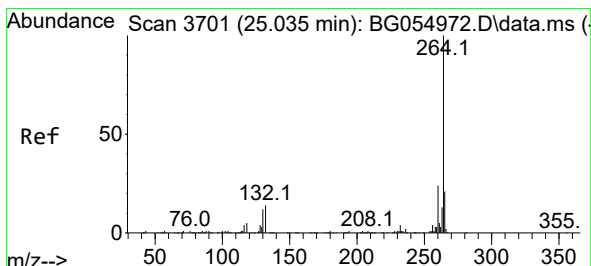
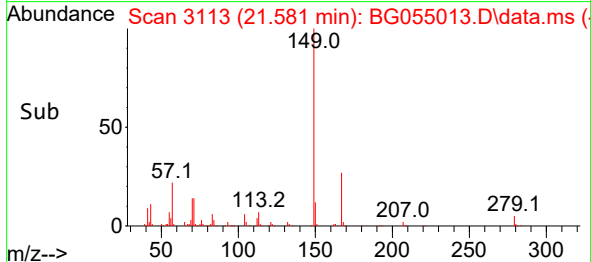
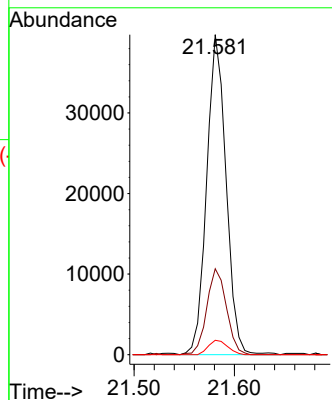
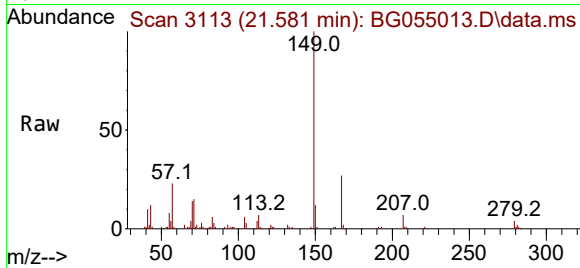




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.202 ng
 RT: 21.581 min Scan# 3113
 Delta R.T. -0.005 min
 Lab File: BG055013.D
 Acq: 23 Sep 2022 15:21

Instrument :
 BNA_G
 ClientSampleId :
 RBR-46

Tgt Ion:149 Resp: 53300
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 4.5 3.1 4.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.036 min Scan# 3701
 Delta R.T. 0.001 min
 Lab File: BG055013.D
 Acq: 23 Sep 2022 15:21

Tgt Ion:264 Resp: 294463
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 21.6 16.9 25.3

