

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053106.D
 Acq On : 11 Apr 2022 18:13
 Operator : CG/JU
 Sample : N2349-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DEL-6

Quant Time: Apr 12 06:08:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

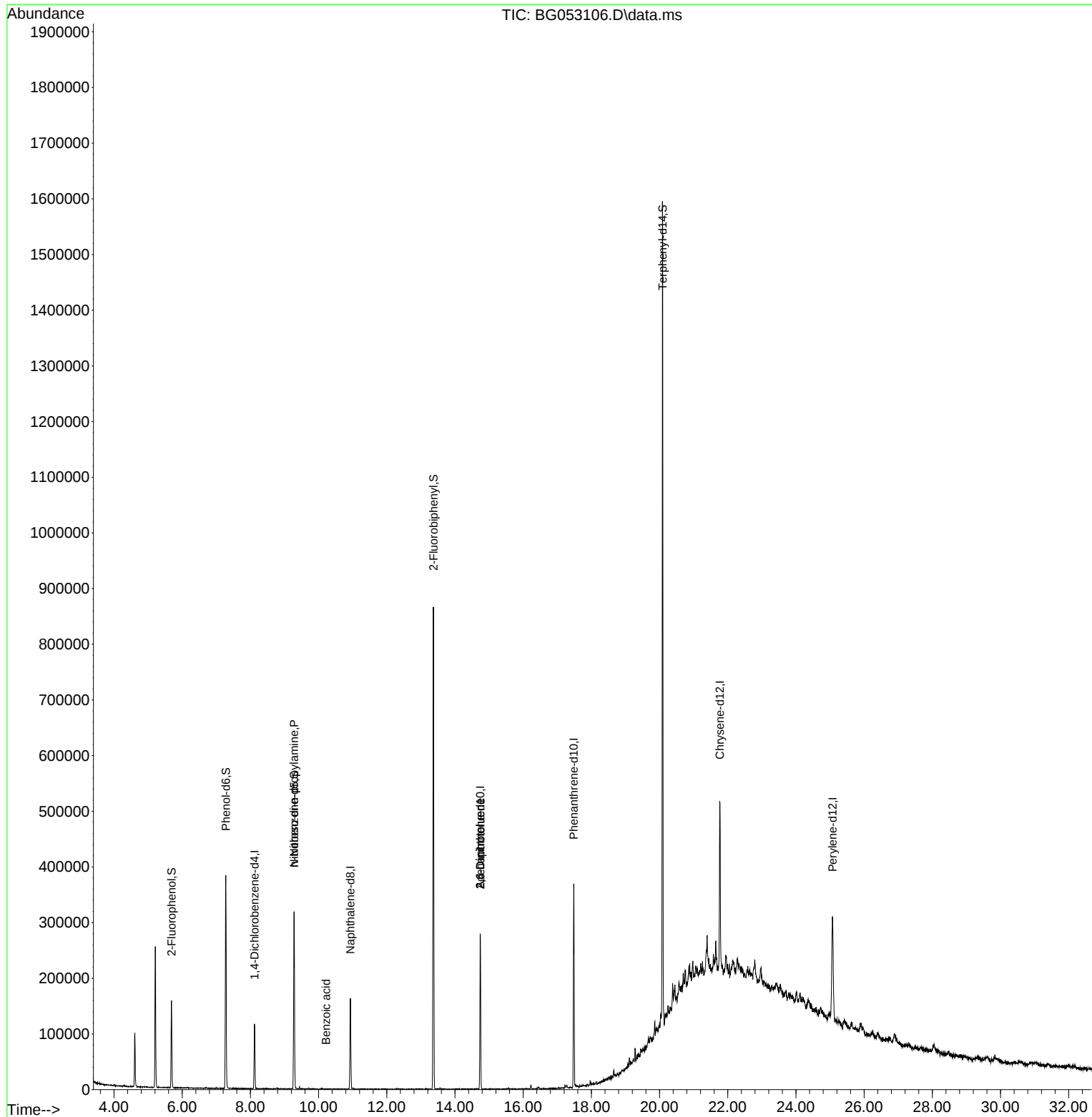
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	30829	20.000	ng	0.00
21) Naphthalene-d8	10.932	136	131166	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	103138	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	236310	20.000	ng	0.00
76) Chrysene-d12	21.770	240	201994	20.000	ng	0.00
86) Perylene-d12	25.072	264	209788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	63004	35.032	ng	0.00
7) Phenol-d6	7.278	99	215094	77.555	ng	0.00
23) Nitrobenzene-d5	9.281	82	200872	62.181	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	1860	1.134	ng	-0.02
45) 2-Fluorobiphenyl	13.370	172	467444	62.495	ng	0.00
79) Terphenyl-d14	20.090	244	760897	63.620	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.281	70	27755	13.669	ng	# 77
32) Benzoic acid	10.215	122	54	3.670	ng	# 1
51) 2,6-Dinitrotoluene	14.739	165	13193	7.666	ng	# 24
57) 2,4-Dinitrotoluene	14.739	165	13193	5.385	ng	# 22

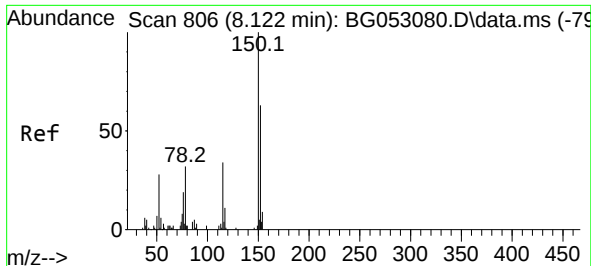
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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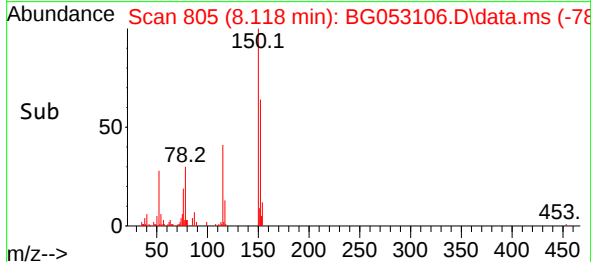
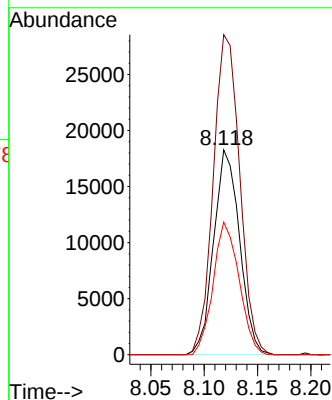
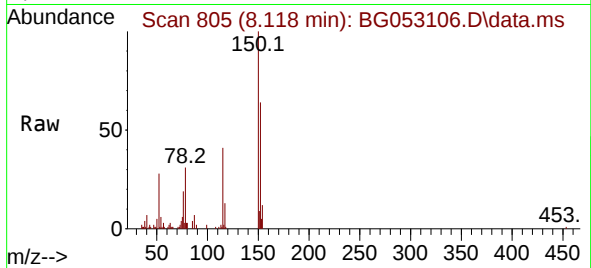




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

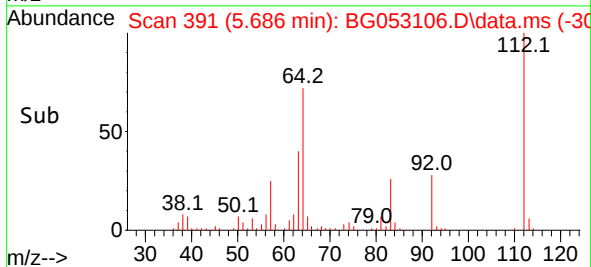
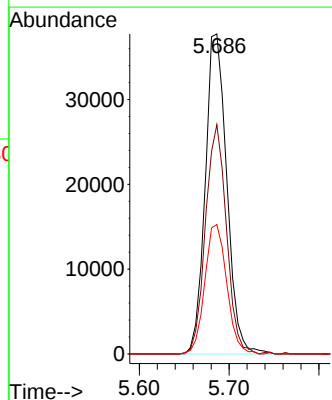
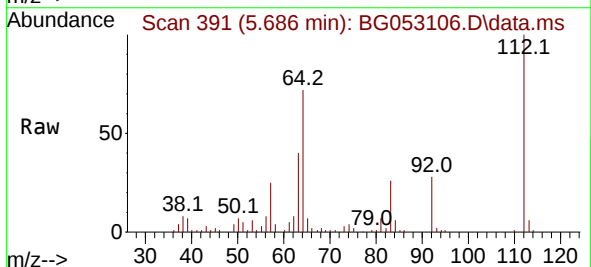
Instrument :
BNA_G
ClientSampleId :
DEL-6

Tgt Ion:152 Resp: 30829
Ion Ratio Lower Upper
152 100
150 156.3 114.6 172.0
115 64.7 45.9 68.9



#5
2-Fluorophenol
Concen: 35.032 ng
RT: 5.686 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Tgt Ion:112 Resp: 63004
Ion Ratio Lower Upper
112 100
64 71.6 48.0 72.0
63 40.4 26.5 39.7#

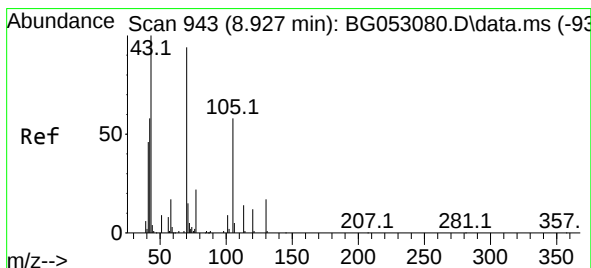
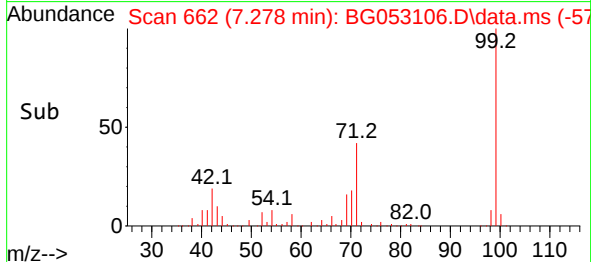
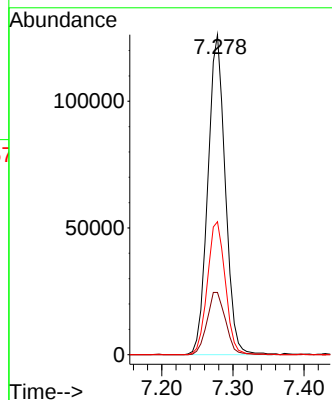
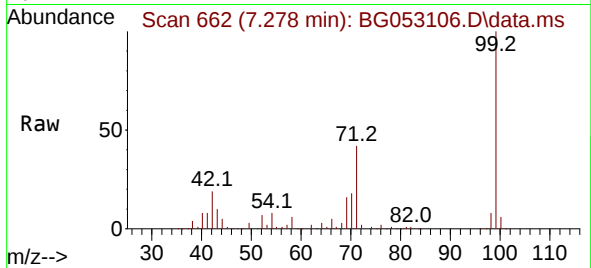




#7
Phenol-d6
Concen: 77.555 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

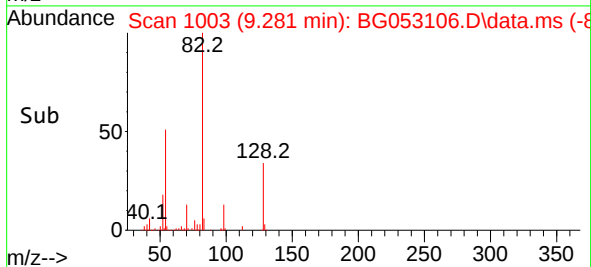
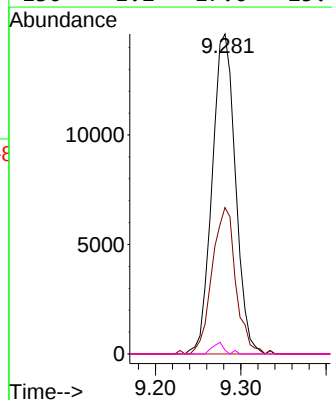
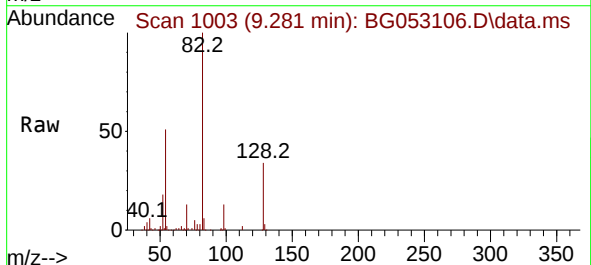
Instrument :
BNA_G
ClientSampleId :
DEL-6

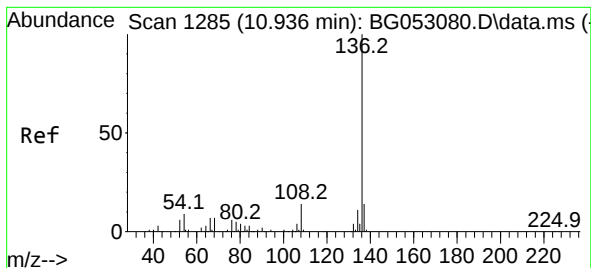
Tgt Ion: 99 Resp: 215094
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.669 ng
RT: 9.281 min Scan# 1003
Delta R.T. 0.355 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Tgt Ion: 70 Resp: 27755
Ion Ratio Lower Upper
70 100
42 45.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#



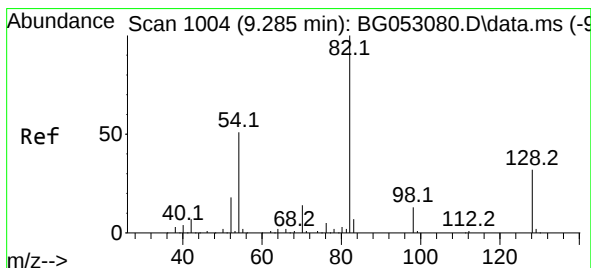
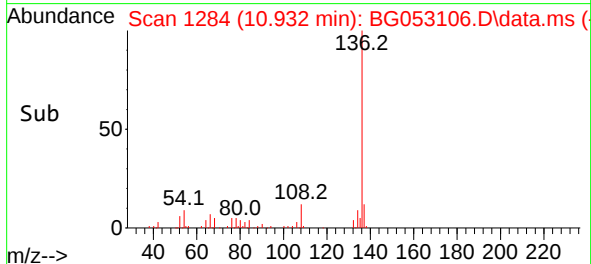
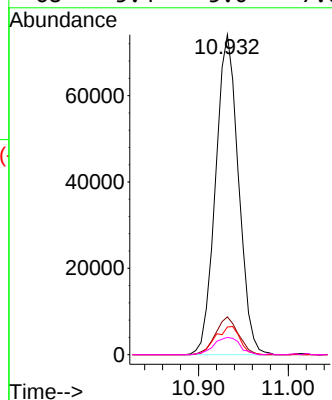
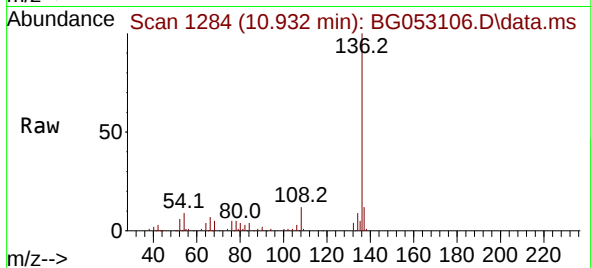


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.932 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Instrument :
BNA_G
ClientSampleId :
DEL-6

Tgt Ion:136 Resp: 131166

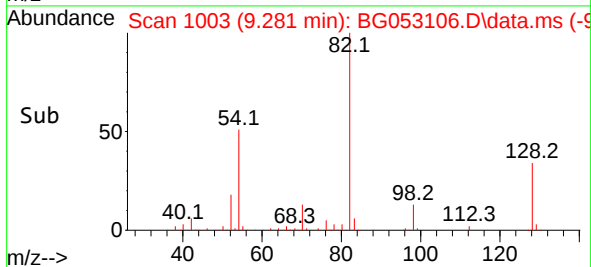
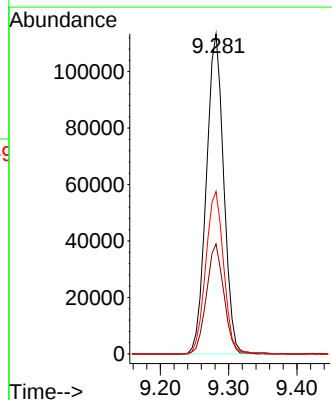
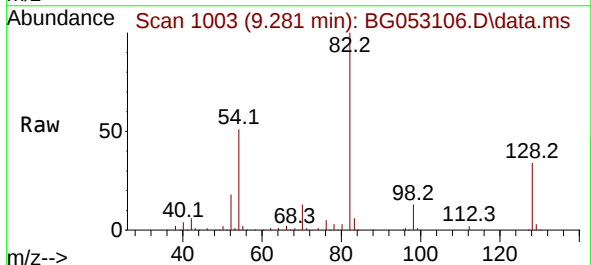
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	8.7	6.4	9.6
68	5.4	5.0	7.6

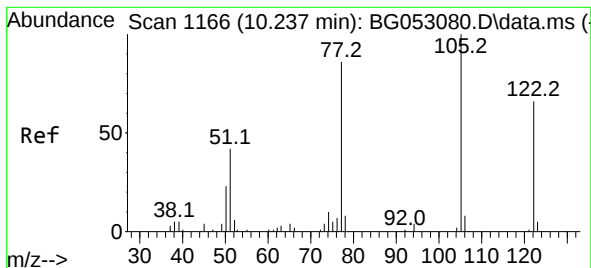


#23
Nitrobenzene-d5
Concen: 62.181 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Tgt Ion: 82 Resp: 200872

Ion	Ratio	Lower	Upper
82	100		
128	34.4	31.3	46.9
54	50.8	37.8	56.8





#32

Benzoic acid

Concen: 3.670 ng

RT: 10.215 min Scan# 1162

Delta R.T. -0.022 min

Lab File: BG053106.D

Acq: 11 Apr 2022 18:13

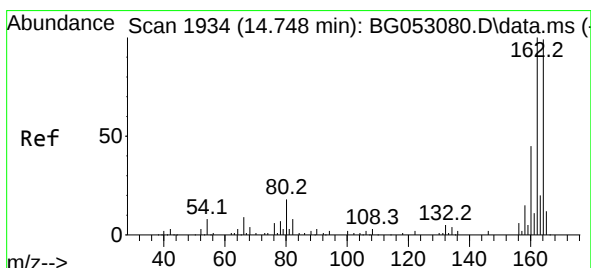
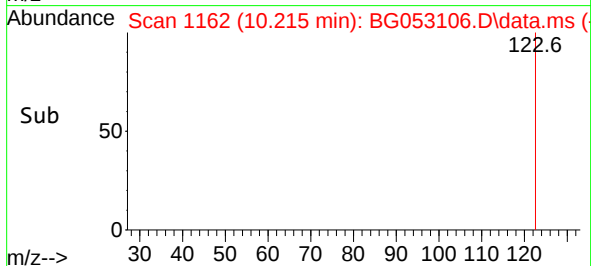
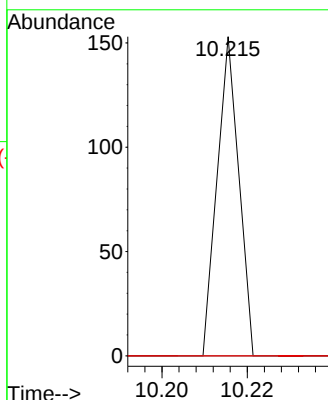
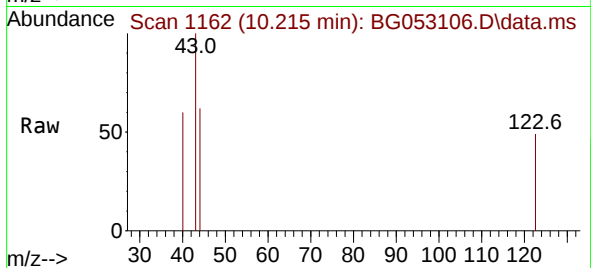
Instrument :

BNA_G

ClientSampleId :

DEL-6

Tgt Ion:122	Resp:	54
Ion	Ratio	Lower Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

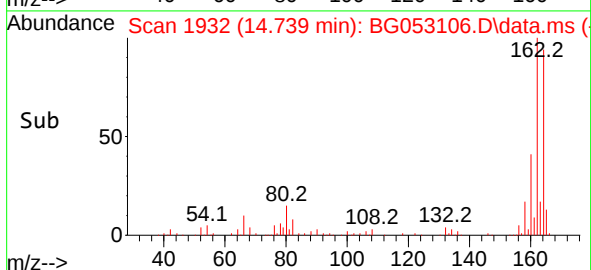
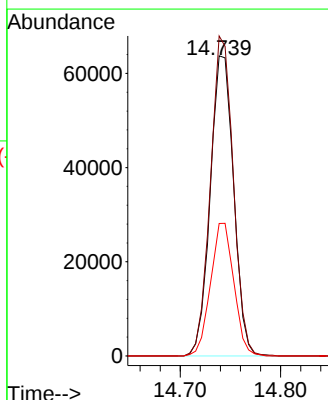
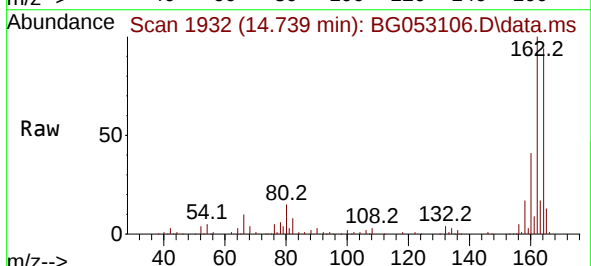
RT: 14.739 min Scan# 1932

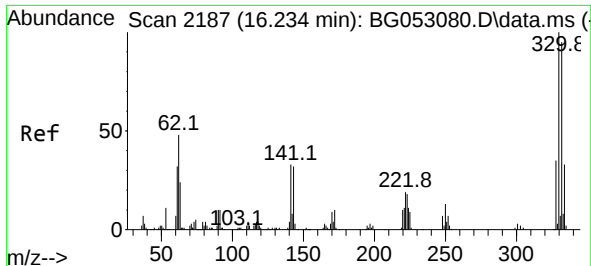
Delta R.T. -0.009 min

Lab File: BG053106.D

Acq: 11 Apr 2022 18:13

Tgt Ion:164	Resp:	103138
Ion	Ratio	Lower Upper
164	100	
162	106.6	80.0 120.0
160	44.1	38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 1.134 ng

RT: 16.219 min Scan# 2187

Delta R.T. -0.015 min

Lab File: BG053106.D

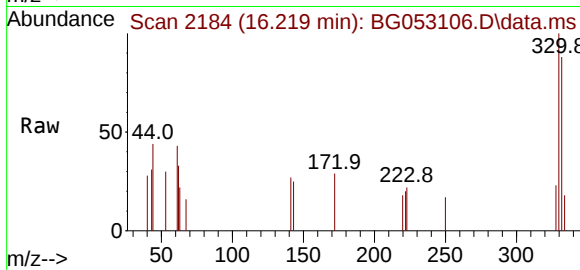
Acq: 11 Apr 2022 18:13

Instrument :

BNA_G

ClientSampleId :

DEL-6



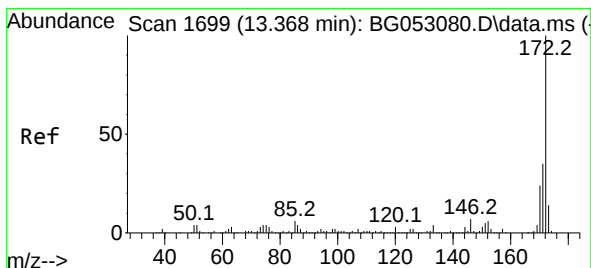
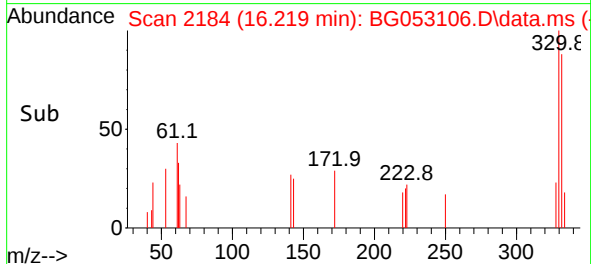
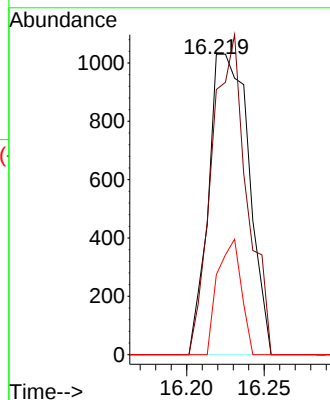
Tgt Ion:330 Resp: 1860

Ion Ratio Lower Upper

330 100

332 92.6 75.8 113.6

141 22.5 24.6 36.8#



#45

2-Fluorobiphenyl

Concen: 62.495 ng

RT: 13.370 min Scan# 1699

Delta R.T. 0.002 min

Lab File: BG053106.D

Acq: 11 Apr 2022 18:13

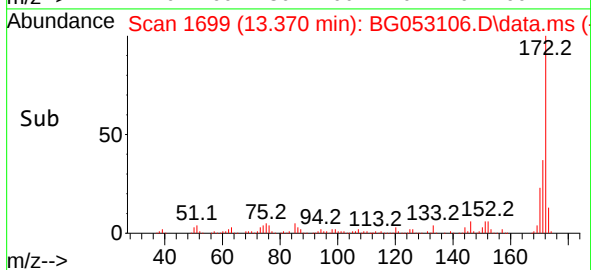
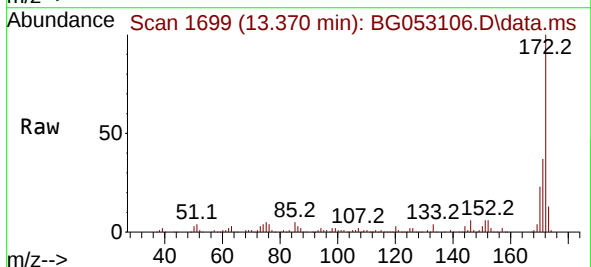
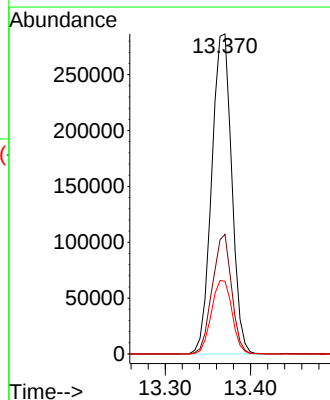
Tgt Ion:172 Resp: 467444

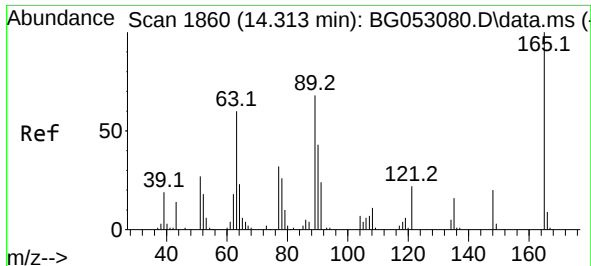
Ion Ratio Lower Upper

172 100

171 37.4 28.3 42.5

170 22.7 18.0 27.0

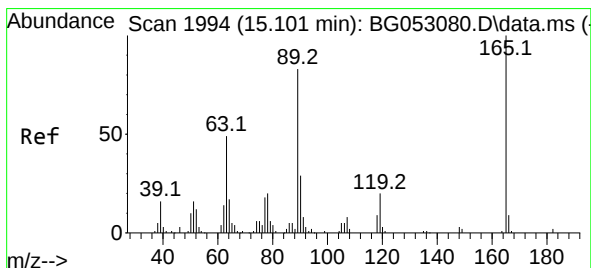
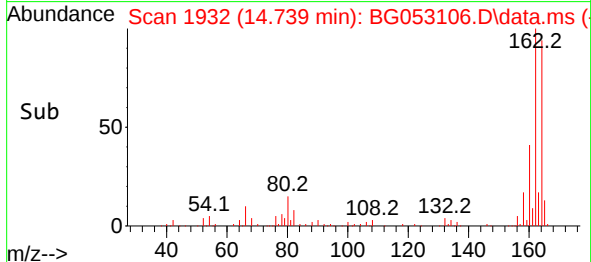
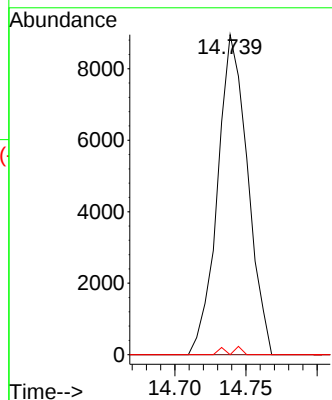
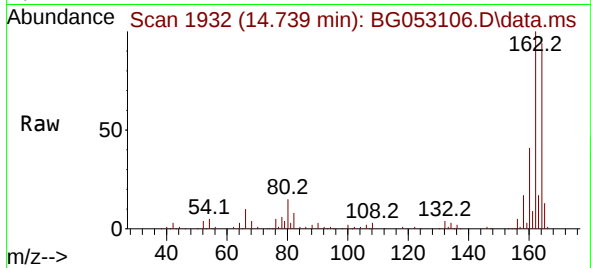




#51
2,6-Dinitrotoluene
Concen: 7.666 ng
RT: 14.739 min Scan# 1932
Delta R.T. 0.425 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

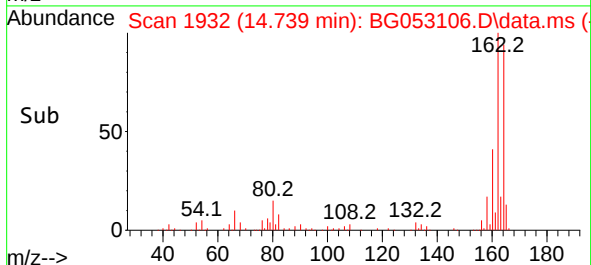
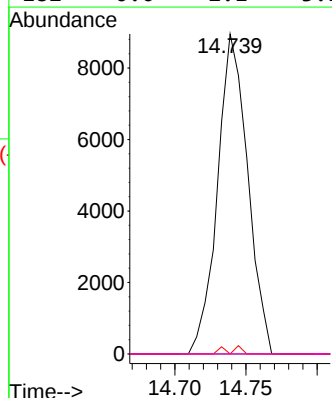
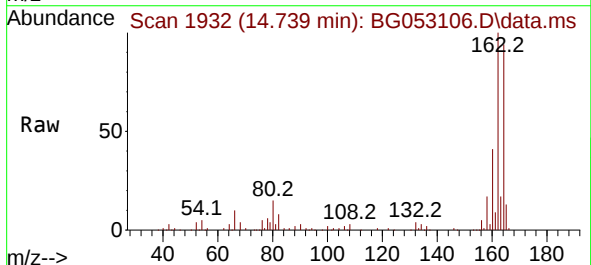
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DEL-6

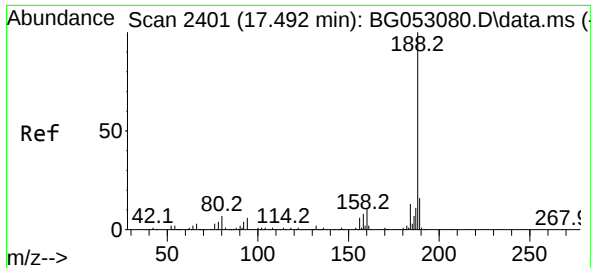
Tgt Ion:165 Resp: 13193
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.385 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.362 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Tgt Ion:165 Resp: 13193
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

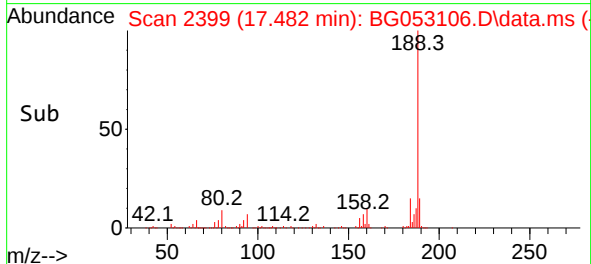
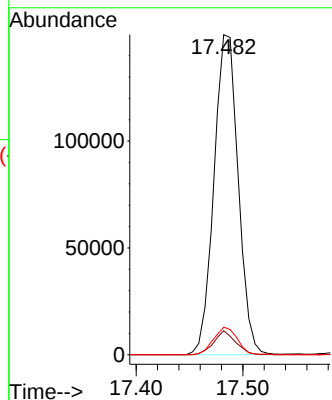
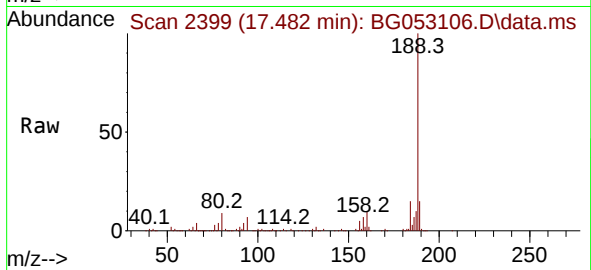




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

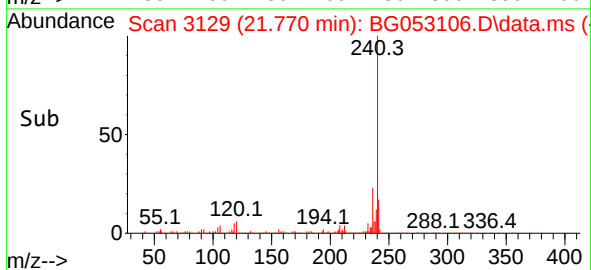
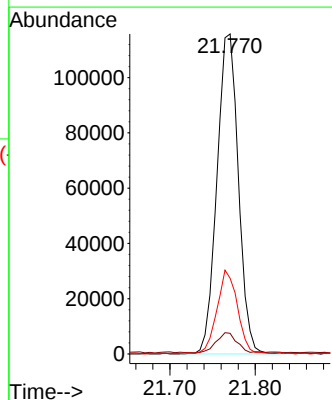
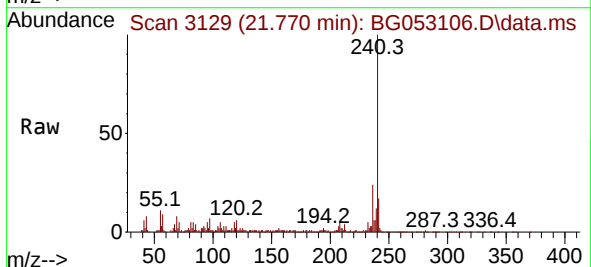
Instrument :
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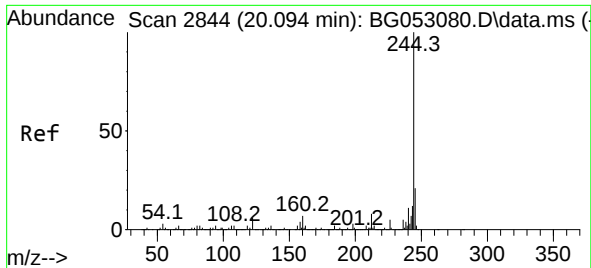
Tgt Ion:188 Resp: 236310
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG053106.D
Acq: 11 Apr 2022 18:13

Tgt Ion:240 Resp: 201994
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 23.7 19.8 29.6

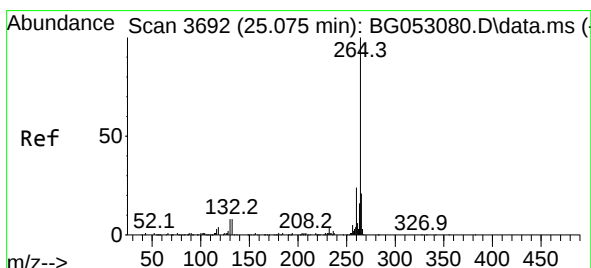
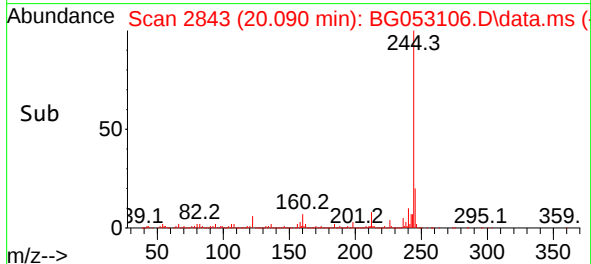
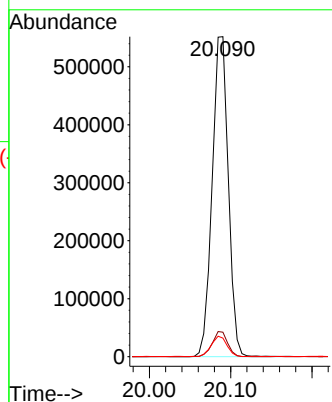
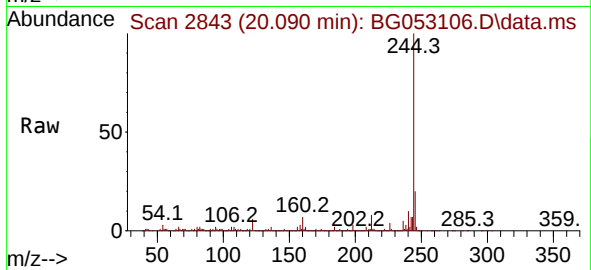




#79
 Terphenyl-d14
 Concen: 63.620 ng
 RT: 20.090 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053106.D
 Acq: 11 Apr 2022 18:13

Instrument :
 BNA_G
 ClientSampleId :
 DEL-6

Tgt Ion:244 Resp: 760897
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 5.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.072 min Scan# 3691
 Delta R.T. -0.004 min
 Lab File: BG053106.D
 Acq: 11 Apr 2022 18:13

Tgt Ion:264 Resp: 209788
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 21.1 15.1 22.7

