

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053105.D
 Acq On : 11 Apr 2022 17:35
 Operator : CG/JU
 Sample : N2317-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-2

Quant Time: Apr 12 06:08:17 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)

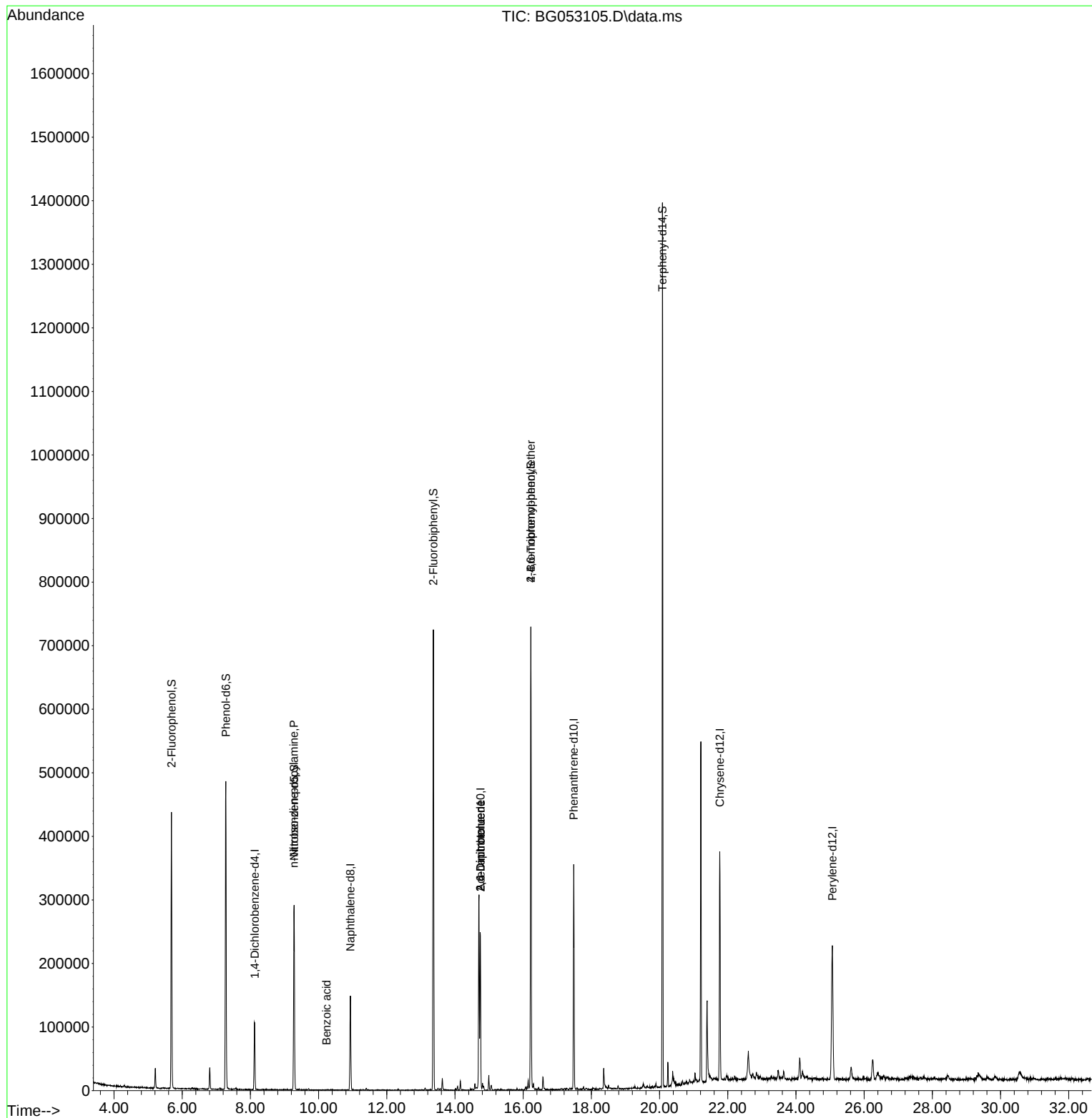
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	31256	20.000	ng	0.00
21) Naphthalene-d8	10.932	136	120218	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	93579	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	222350	20.000	ng	0.00
76) Chrysene-d12	21.764	240	229692	20.000	ng	# 0.00
86) Perylene-d12	25.066	264	234193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	178110	97.681	ng	0.00
7) Phenol-d6	7.278	99	268183	95.377	ng	0.00
23) Nitrobenzene-d5	9.281	82	188754	63.751	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	140632	94.460	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	396660	58.449	ng	0.00
79) Terphenyl-d14	20.084	244	698845	51.385	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.275	70	26431	12.840	ng	# 80
32) Benzoic acid	10.233	122	59	3.678	ng	# 40
51) 2,6-Dinitrotoluene	14.744	165	12564	8.046	ng	# 24
57) 2,4-Dinitrotoluene	14.744	165	12564	5.652	ng	# 22
67) 4-Bromophenyl-phenylether	16.225	248	9471	3.324	ng	# 1

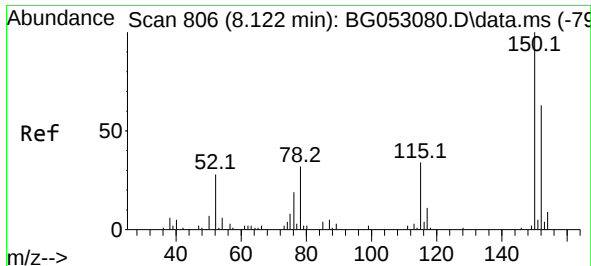
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
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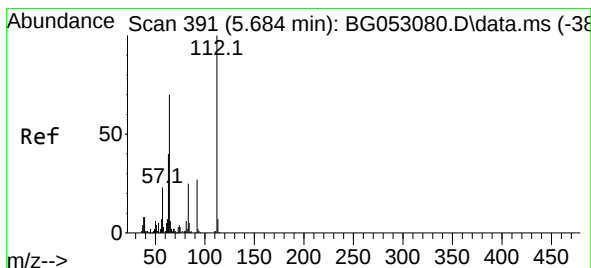
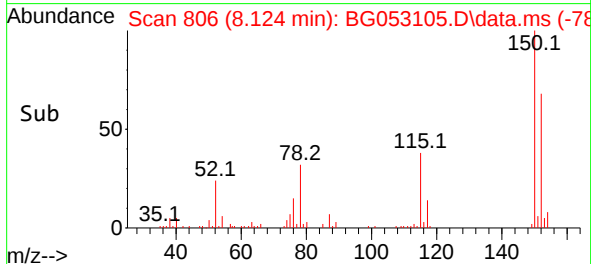
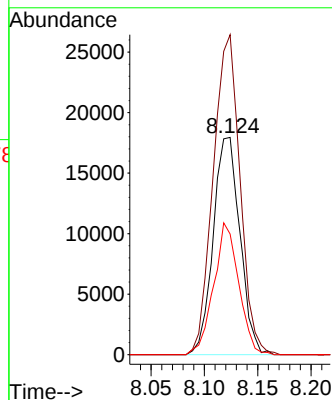
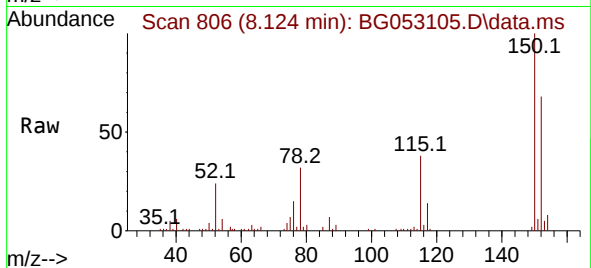




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.124 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

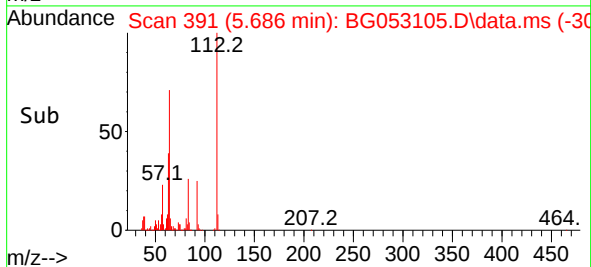
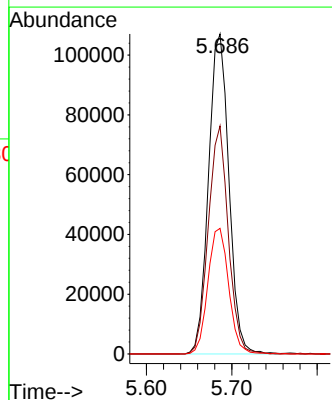
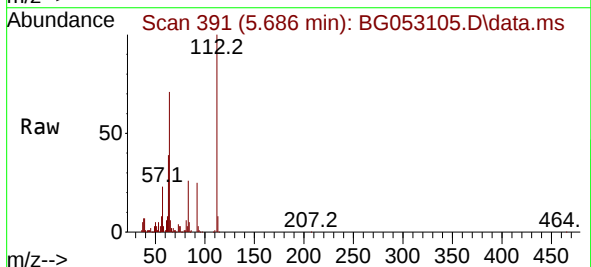
Instrument :
BNA_G
ClientSampleId :
NORTH-2

Tgt Ion:152 Resp: 31256
Ion Ratio Lower Upper
152 100
150 147.3 114.6 172.0
115 55.5 45.9 68.9



#5
2-Fluorophenol
Concen: 97.681 ng
RT: 5.686 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion:112 Resp: 178110
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 39.2 26.5 39.7

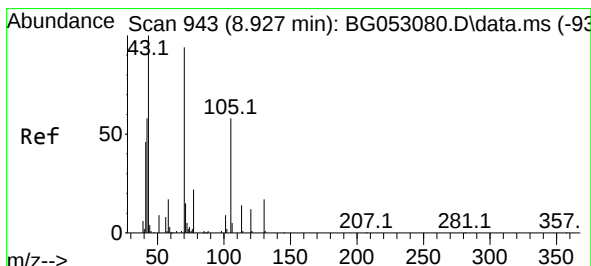
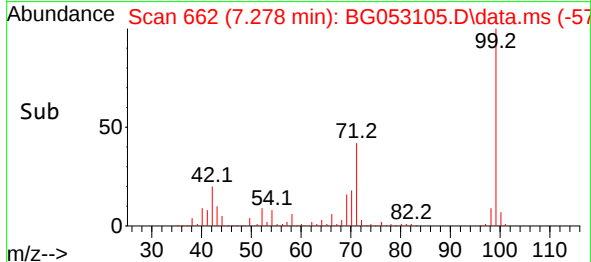
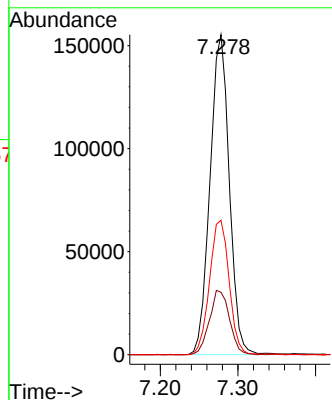
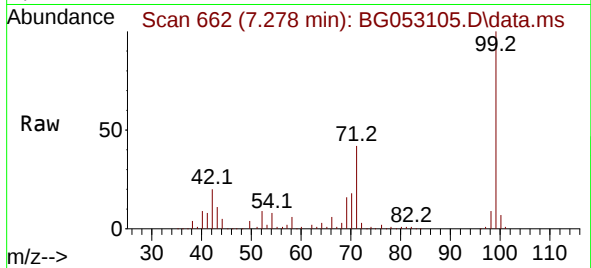




#7
Phenol-d6
Concen: 95.377 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

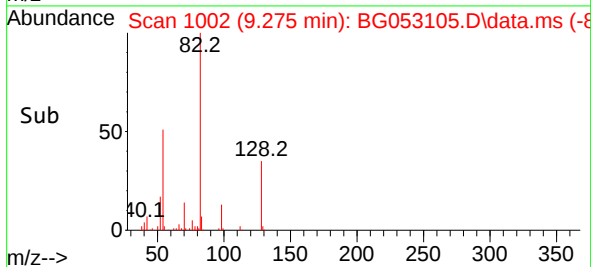
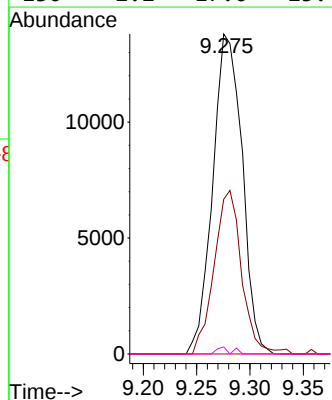
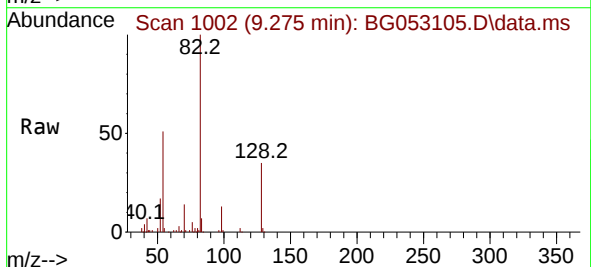
Instrument :
BNA_G
ClientSampleId :
NORTH-2

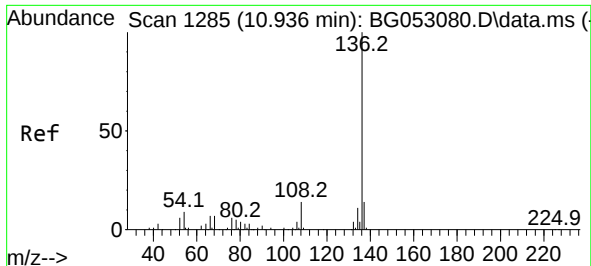
Tgt Ion: 99 Resp: 268183
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 42.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.840 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion: 70 Resp: 26431
Ion Ratio Lower Upper
70 100
42 48.3 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#



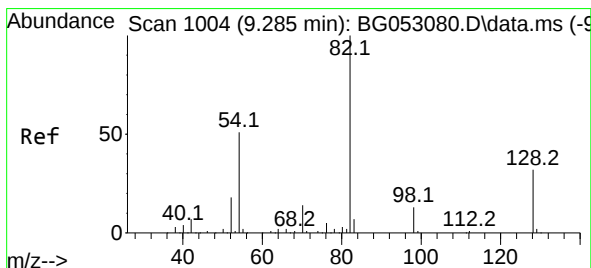
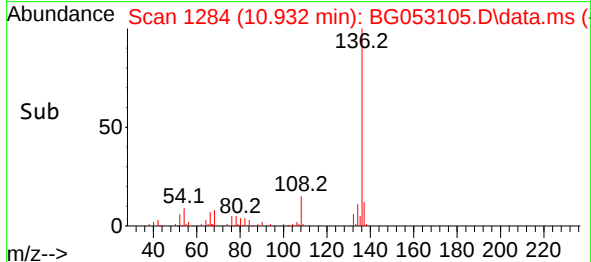
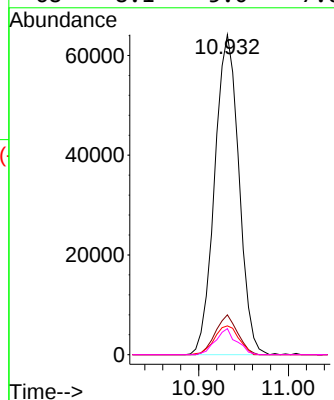
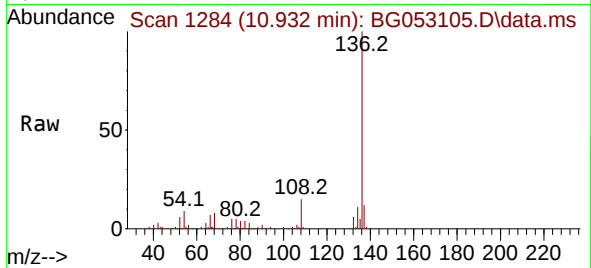


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.932 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Instrument :
BNA_G
ClientSampleId :
NORTH-2

Tgt Ion:136 Resp: 120218

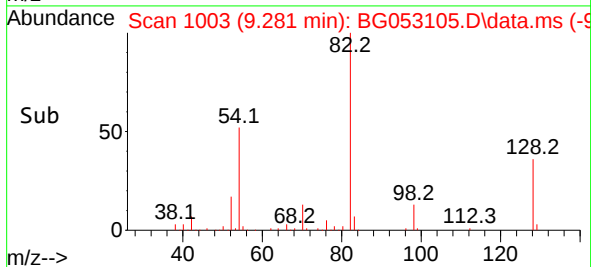
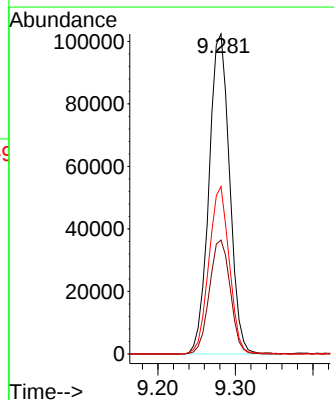
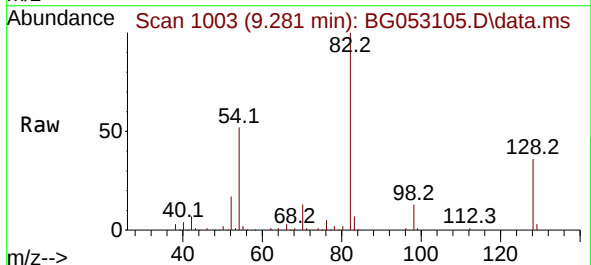
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.4	14.2
54	9.0	6.4	9.6
68	8.1	5.0	7.6

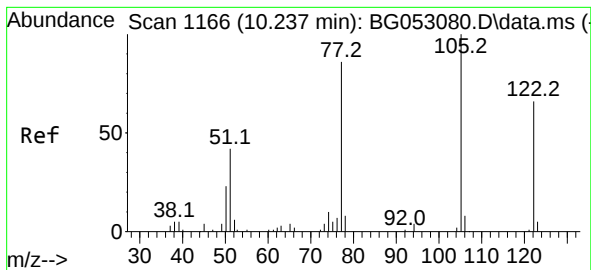


#23
Nitrobenzene-d5
Concen: 63.751 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion: 82 Resp: 188754

Ion	Ratio	Lower	Upper
82	100		
128	35.6	31.3	46.9
54	52.3	37.8	56.8



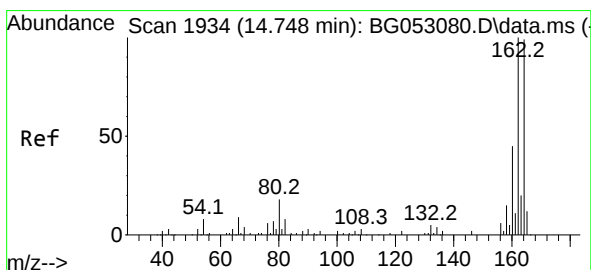
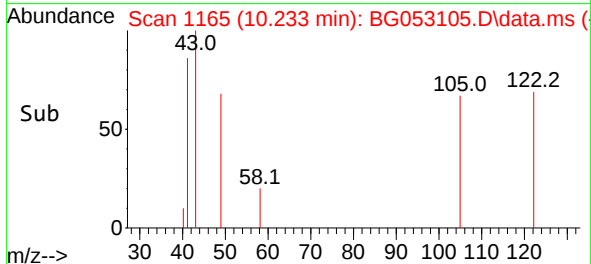
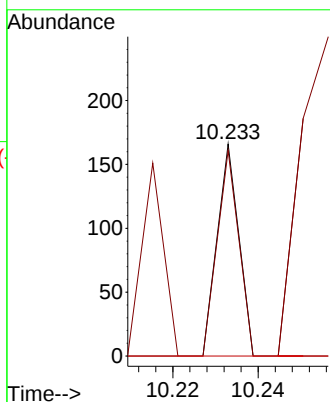
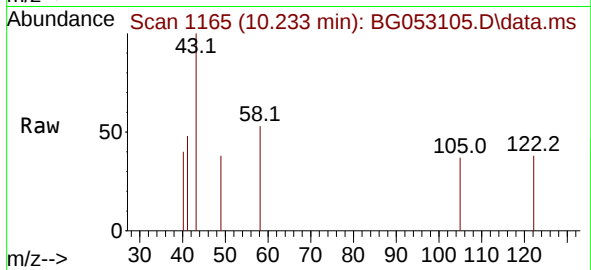


#32
Benzoic acid
Concen: 3.678 ng
RT: 10.233 min Scan# 1165
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Instrument : BNA_G
ClientSampleId : NORTH-2

Tgt Ion:122 Resp: 59

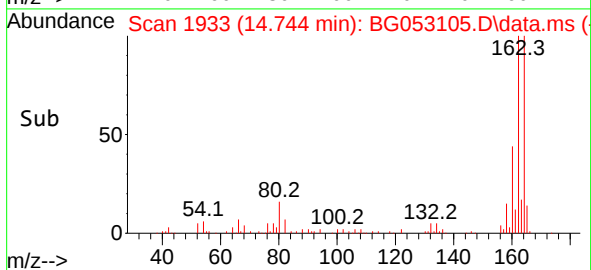
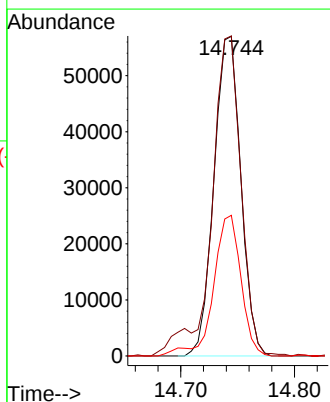
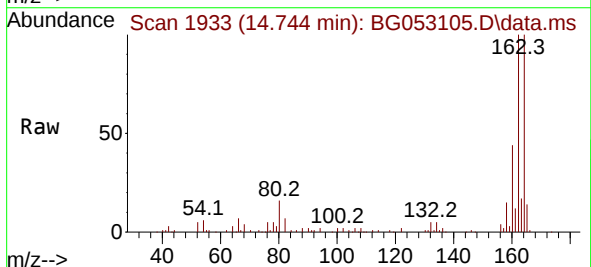
Ion	Ratio	Lower	Upper
122	100		
105	97.0	112.8	152.8#
77	0.0	78.4	118.4#

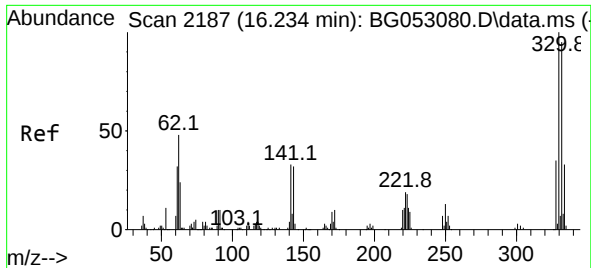


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion:164 Resp: 93579

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.0	120.0
160	44.0	38.8	58.2

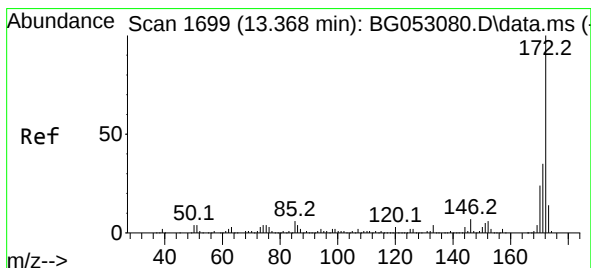
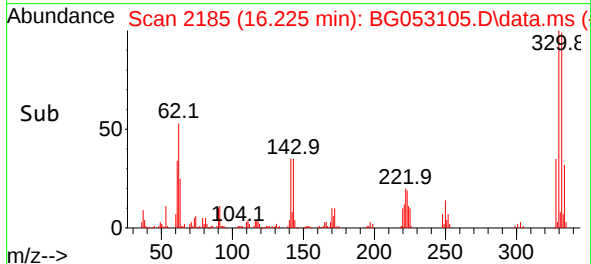
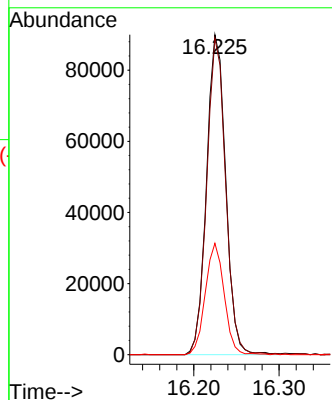
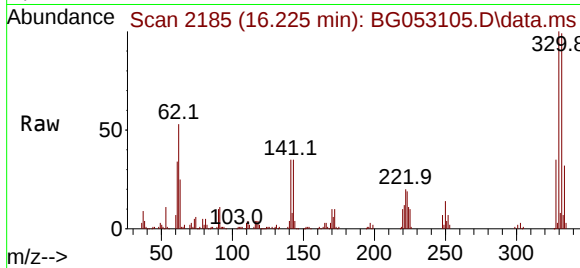




#42
2,4,6-Tribromophenol
Concen: 94.460 ng
RT: 16.225 min Scan# 2187
Delta R.T. -0.010 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

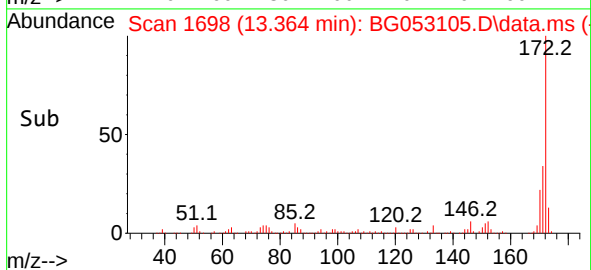
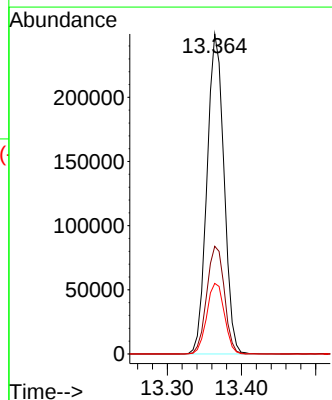
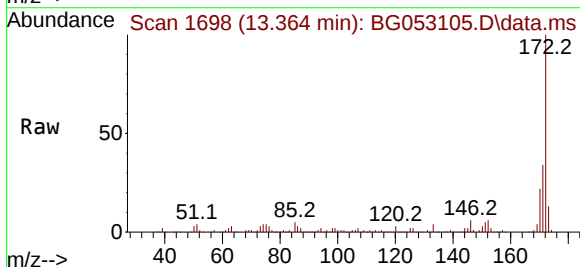
Instrument :
BNA_G
ClientSampleId :
NORTH-2

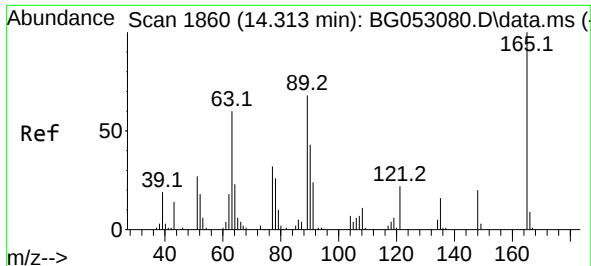
Tgt Ion:330 Resp: 140632
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 58.449 ng
RT: 13.364 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion:172 Resp: 396660
Ion Ratio Lower Upper
172 100
171 33.7 28.3 42.5
170 22.1 18.0 27.0

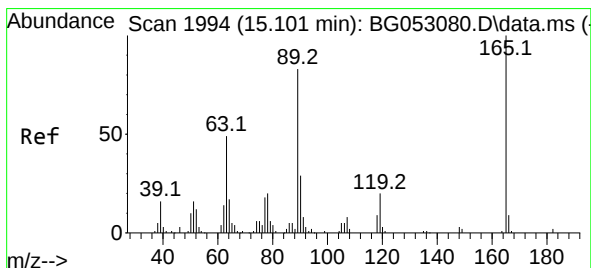
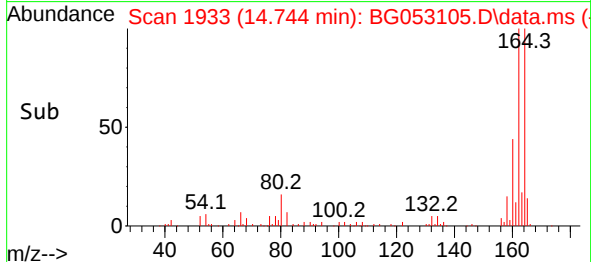
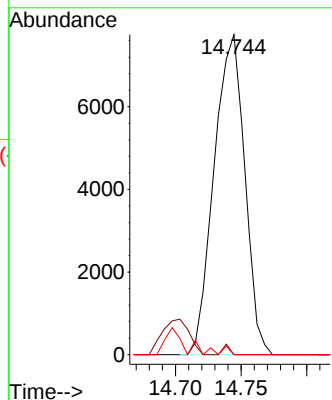
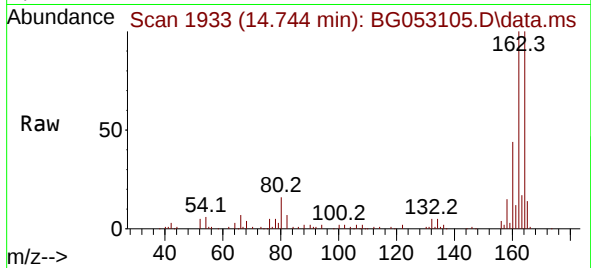




#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 14.744 min Scan# 1933
Delta R.T. 0.431 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

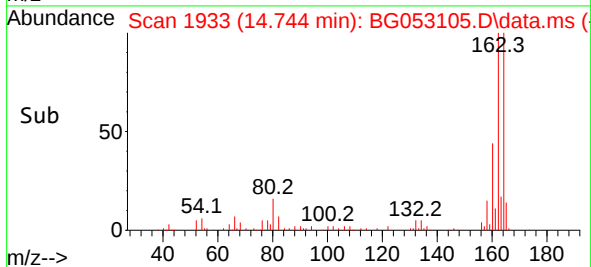
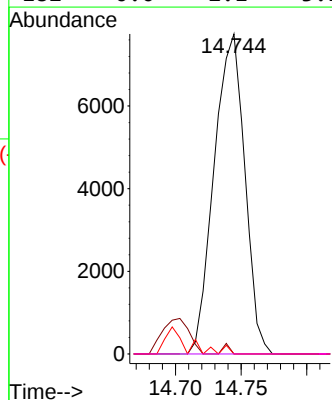
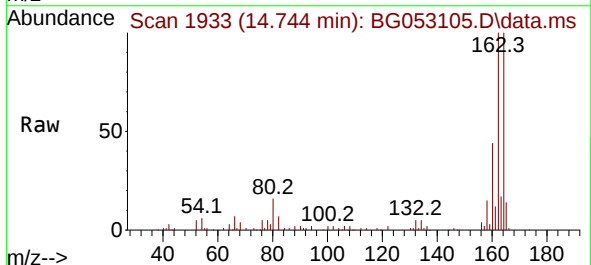
Instrument :
BNA_G
ClientSampleId :
NORTH-2

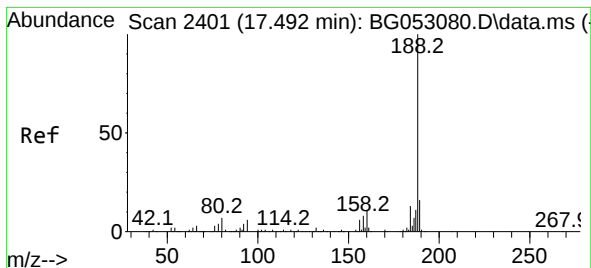
Tgt Ion:165 Resp: 12564
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.652 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.356 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Tgt Ion:165 Resp: 12564
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. -0.010 min

Lab File: BG053105.D

Acq: 11 Apr 2022 17:35

Instrument :

BNA_G

ClientSampleId :

NORTH-2

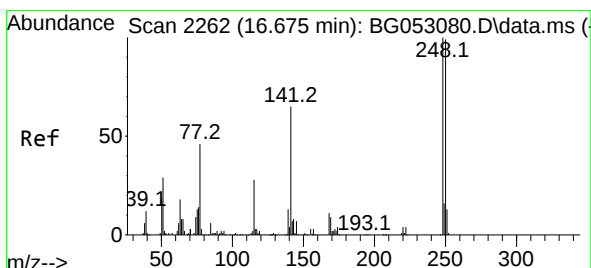
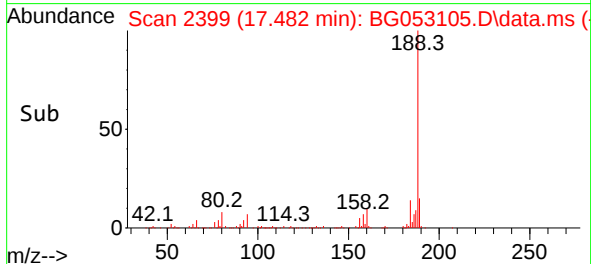
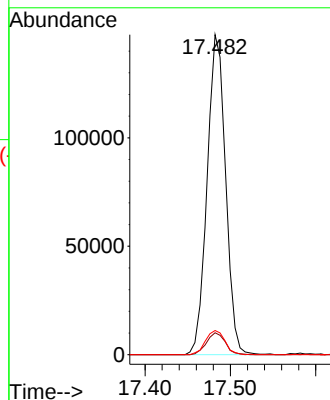
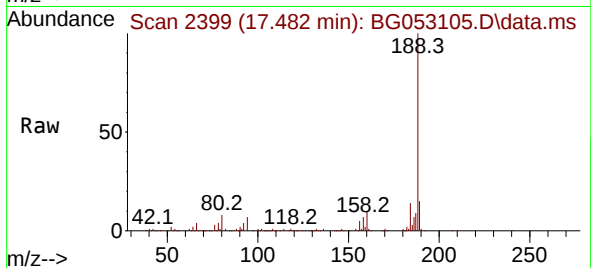
Tgt Ion:188 Resp: 222350

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 7.5 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.324 ng

RT: 16.225 min Scan# 2185

Delta R.T. -0.450 min

Lab File: BG053105.D

Acq: 11 Apr 2022 17:35

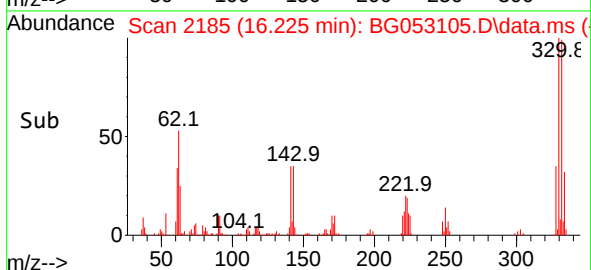
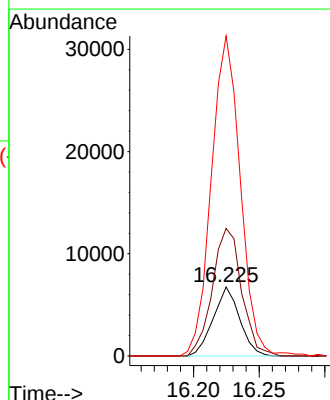
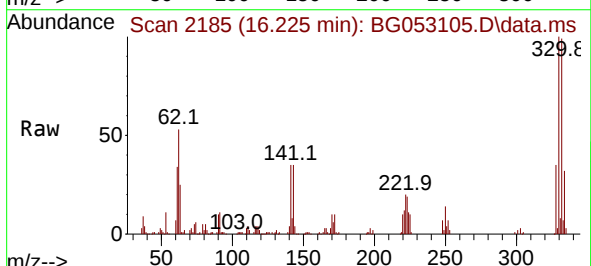
Tgt Ion:248 Resp: 9471

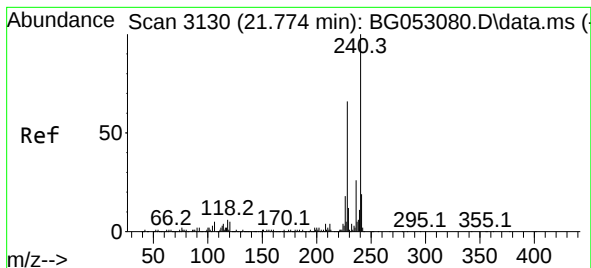
Ion Ratio Lower Upper

248 100

250 185.0 77.9 116.9#

141 464.3 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.764 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG053105.D

Acq: 11 Apr 2022 17:35

Instrument :

BNA_G

ClientSampleId :

NORTH-2

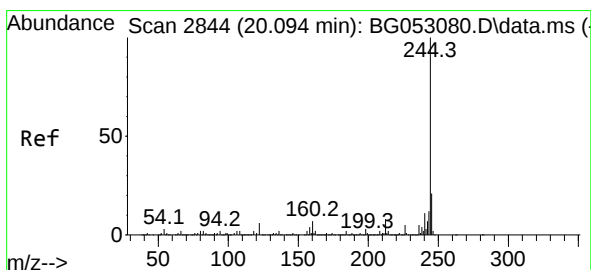
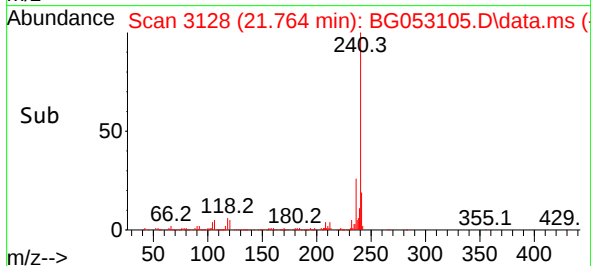
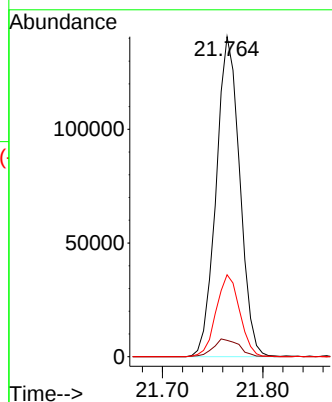
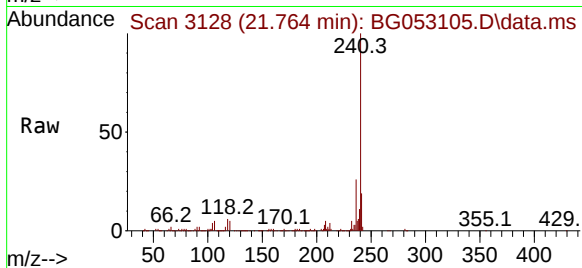
Tgt Ion:240 Resp: 229692

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.0#

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 51.385 ng

RT: 20.084 min Scan# 2842

Delta R.T. -0.010 min

Lab File: BG053105.D

Acq: 11 Apr 2022 17:35

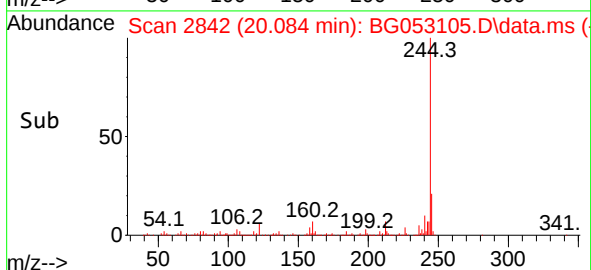
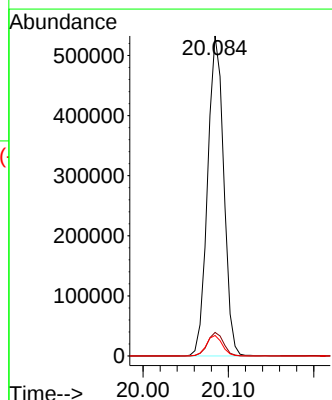
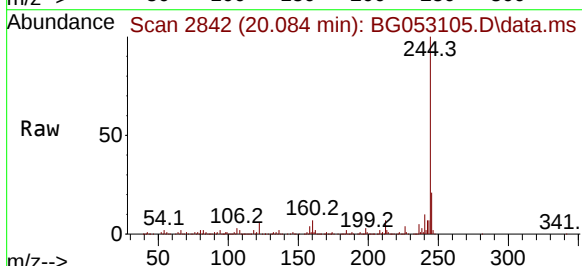
Tgt Ion:244 Resp: 698845

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.066 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG053105.D
Acq: 11 Apr 2022 17:35

Instrument :
BNA_G
ClientSampleId :
NORTH-2

Tgt Ion:264 Resp: 234193

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.7	15.1	22.7

