

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053179.D
 Acq On : 18 Apr 2022 14:25
 Operator : CG/JU
 Sample : N2444-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Apr 19 04:20:29 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)

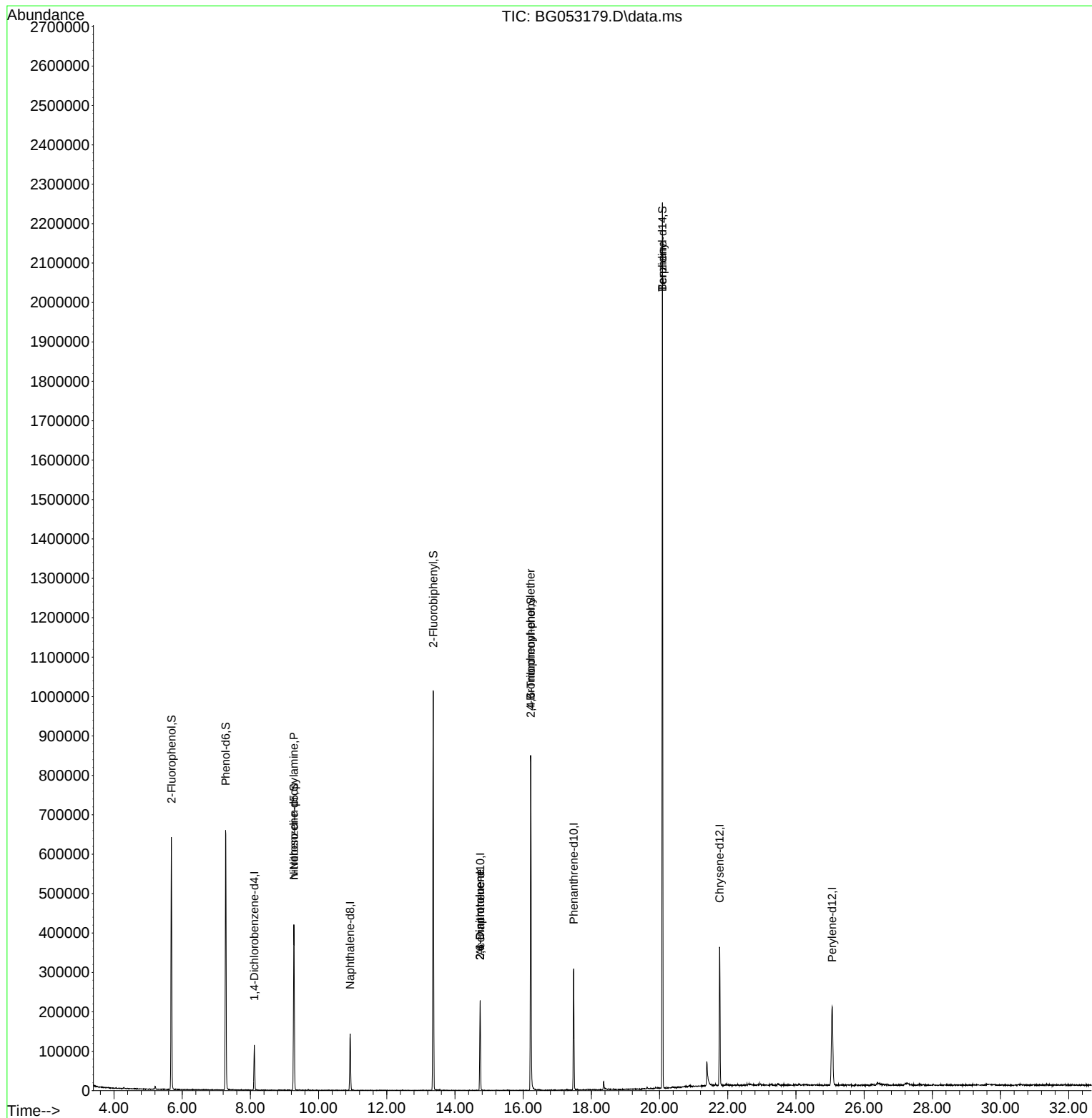
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	30558	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	115173	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	85818	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	205797	20.000	ng	0.00
76) Chrysene-d12	21.759	240	234301	20.000	ng	-0.01
86) Perylene-d12	25.060	264	248906	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	262139	147.050	ng	0.00
7) Phenol-d6	7.273	99	370922	134.928	ng	0.00
23) Nitrobenzene-d5	9.276	82	261977	92.358	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	181049	132.605	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	569212	91.460	ng	0.00
79) Terphenyl-d14	20.085	244	1157877	83.463	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.276	70	38854	19.305	ng	# 77
51) 2,6-Dinitrotoluene	14.733	165	11198	7.820	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	11198	5.493	ng	# 22
67) 4-Bromophenyl-phenylether	16.219	248	11445	4.340	ng	# 1
77) Benzidine	20.085	184	20168	3.017	ng	# 94

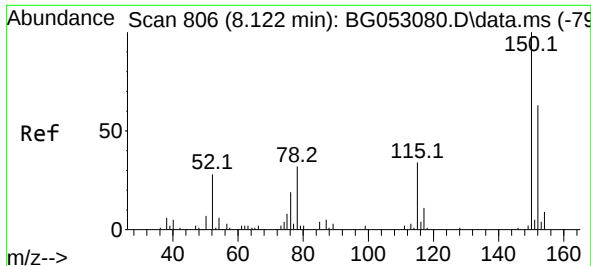
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
Data File : BG053179.D
Acq On : 18 Apr 2022 14:25
Operator : CG/JU
Sample : N2444-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1

Quant Time: Apr 19 04:20:29 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

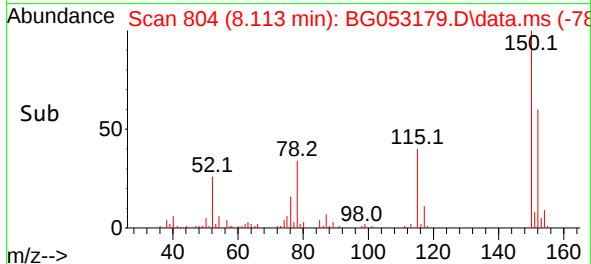
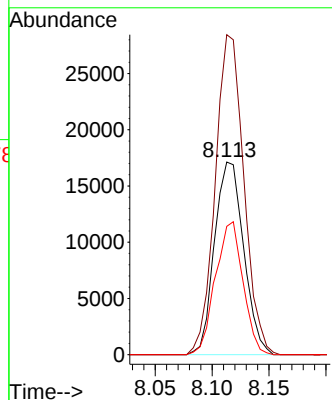
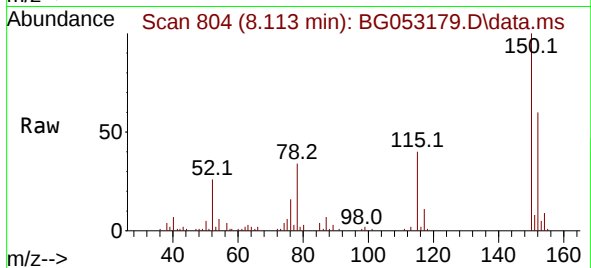




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

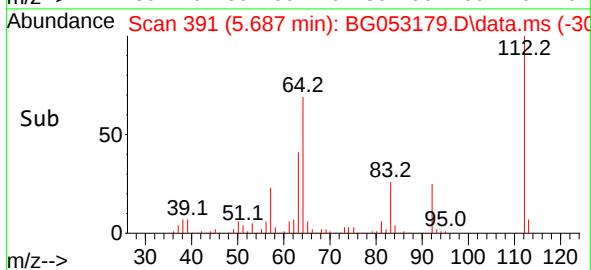
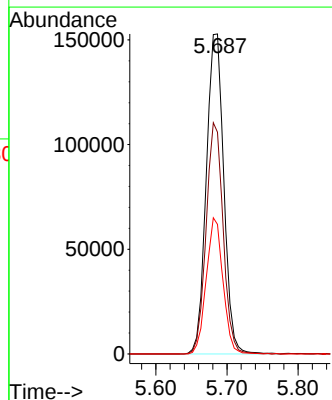
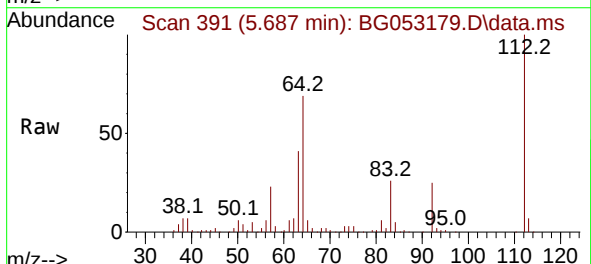
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:152 Resp: 30558
Ion Ratio Lower Upper
152 100
150 166.1 114.6 172.0
115 66.6 45.9 68.9



#5
2-Fluorophenol
Concen: 147.050 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion:112 Resp: 262139
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 40.5 26.5 39.7#

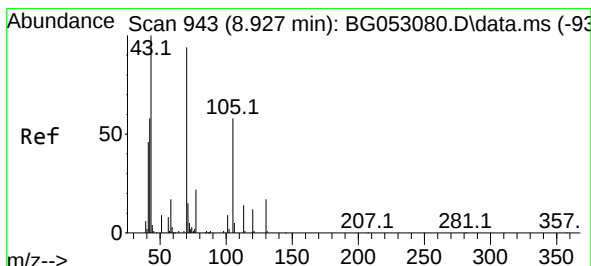
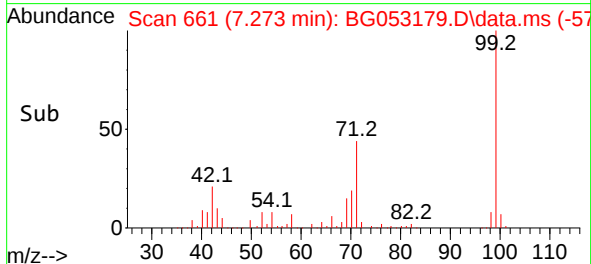
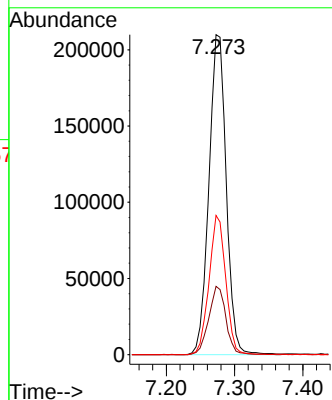
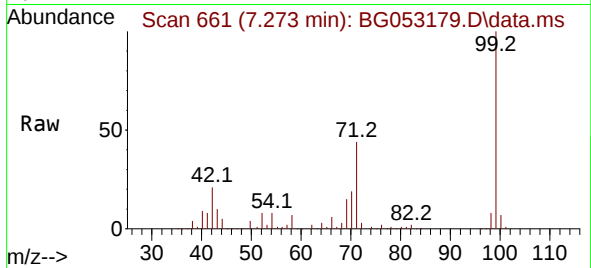




#7
Phenol-d6
Concen: 134.928 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

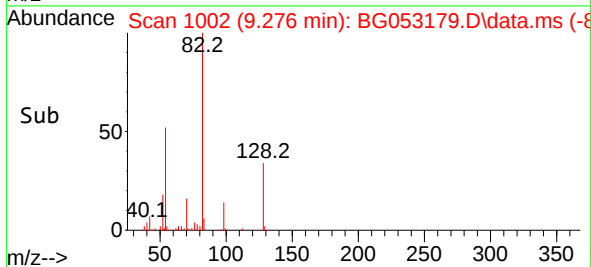
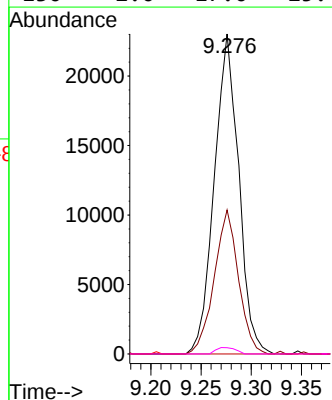
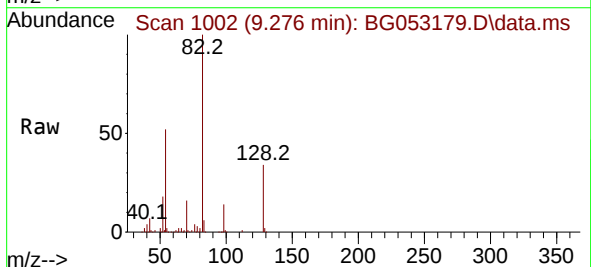
Instrument :
BNA_G
ClientSampleId :
SB-1

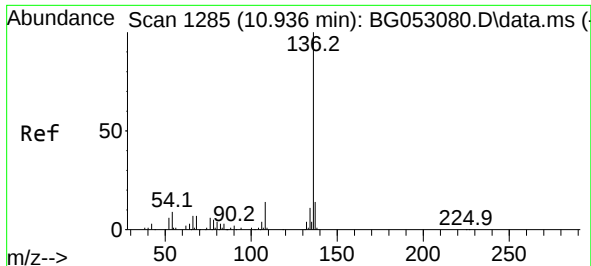
Tgt Ion: 99 Resp: 370922
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 43.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.305 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion: 70 Resp: 38854
Ion Ratio Lower Upper
70 100
42 45.0 46.0 69.0#
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

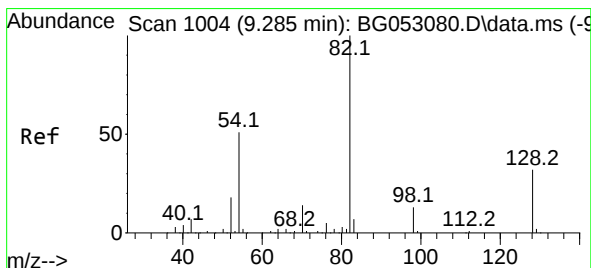
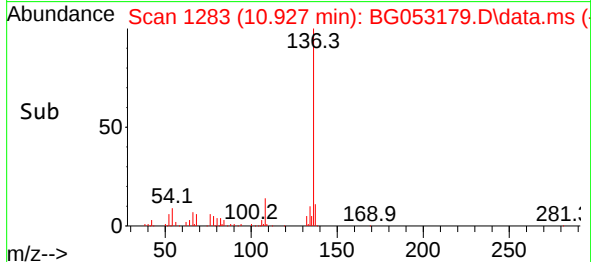
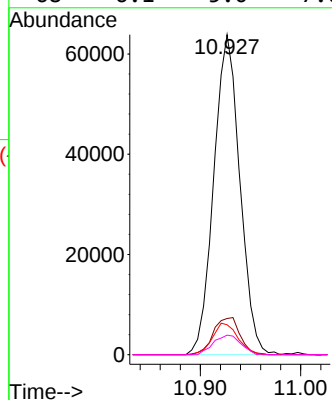
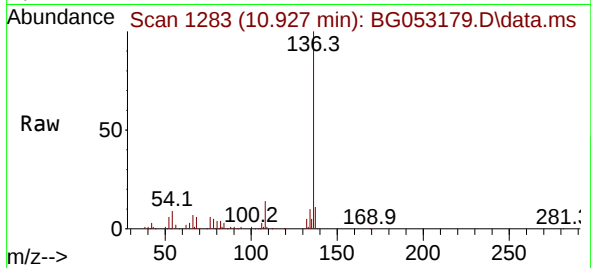




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

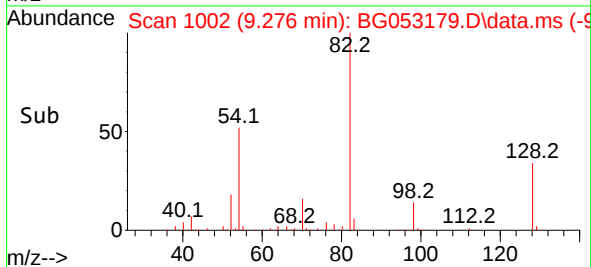
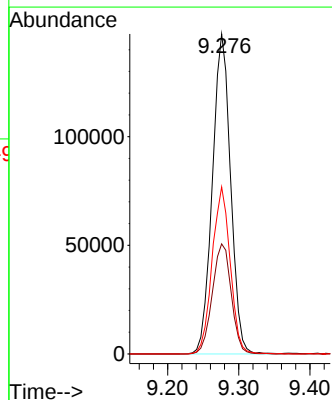
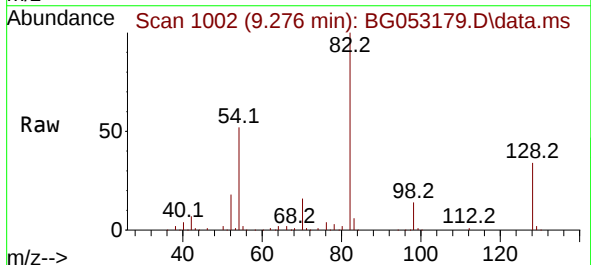
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:136 Resp: 115173
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.4 6.4 9.6
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.358 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion: 82 Resp: 261977
Ion Ratio Lower Upper
82 100
128 34.4 31.3 46.9
54 52.2 37.8 56.8

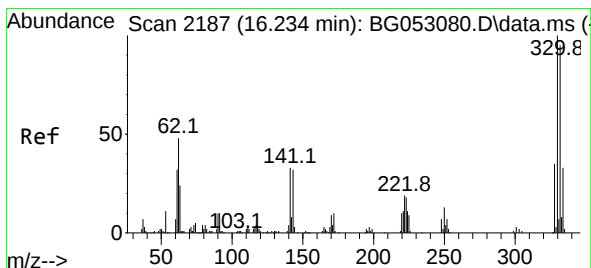
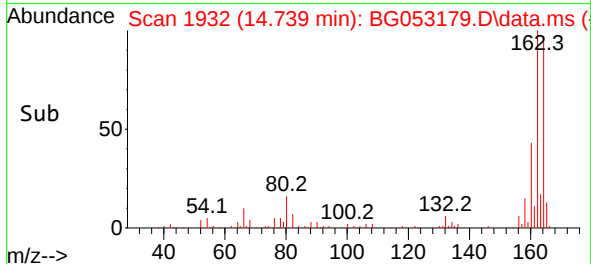
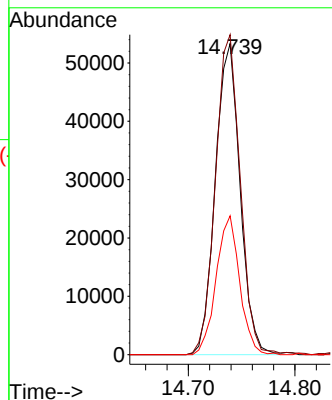
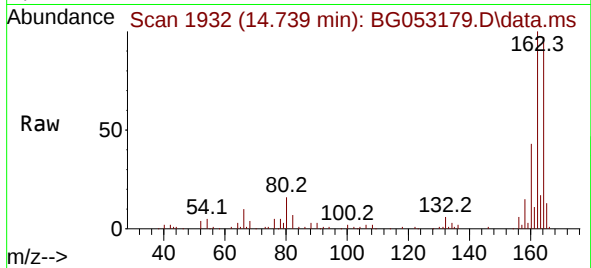




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

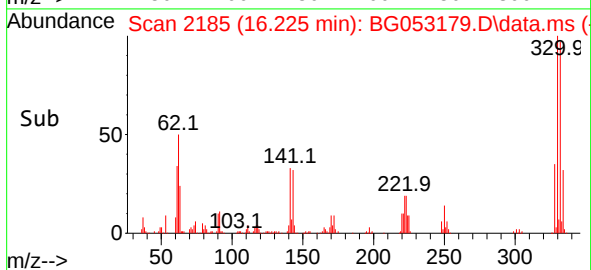
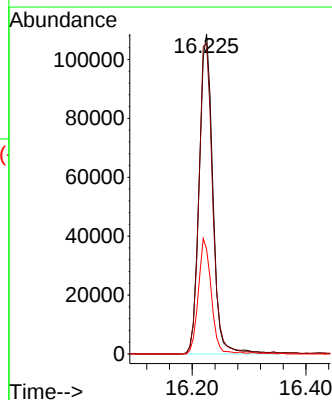
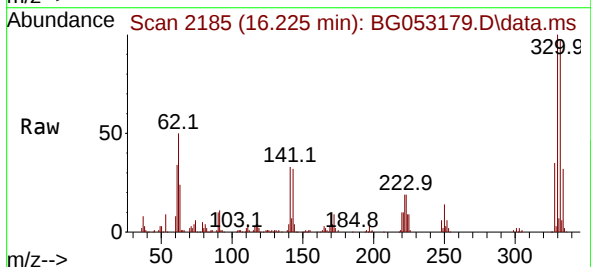
Instrument :
BNA_G
ClientSampleId :
SB-1

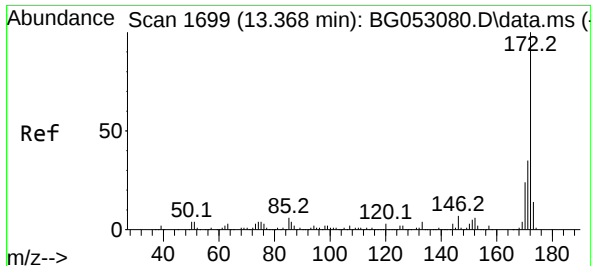
Tgt Ion:164 Resp: 85818
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 44.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 132.605 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion:330 Resp: 181049
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.6
141 33.9 24.6 36.8

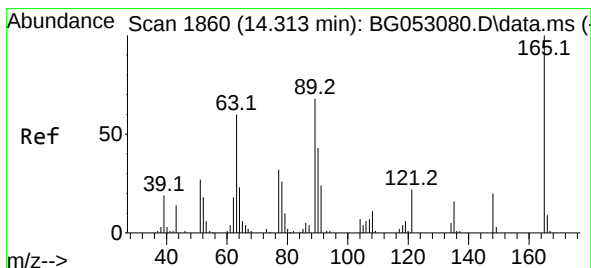
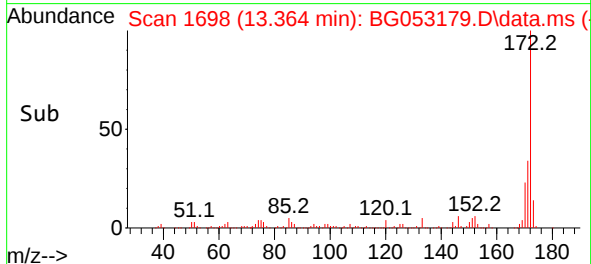
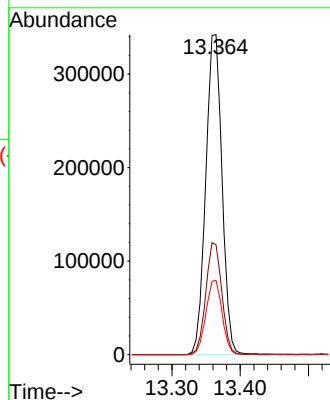
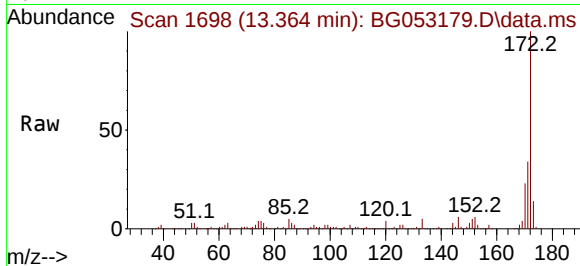




#45
2-Fluorobiphenyl
Concen: 91.460 ng
RT: 13.364 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

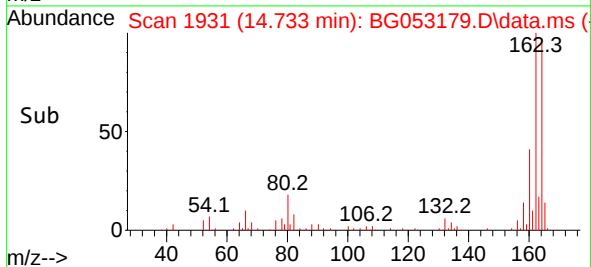
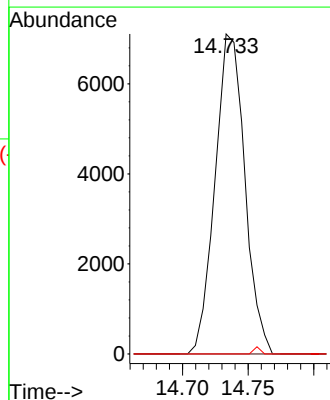
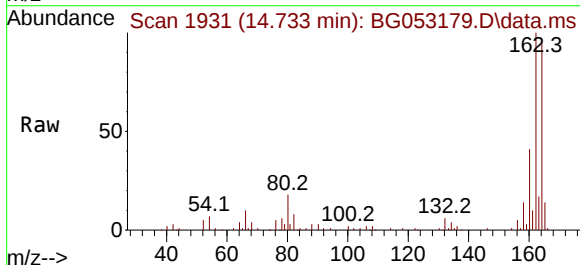
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:172 Resp: 569212
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.820 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion:165 Resp: 11198
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: 5.493 ng

RT: 14.733 min Scan# 1994

Delta R.T. -0.367 min

Lab File: BG053179.D

Acq: 18 Apr 2022 14:25

Instrument :

BNA_G

ClientSampleId :

SB-1

Tgt Ion:165 Resp: 11198

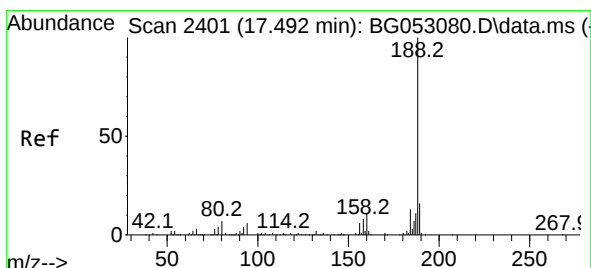
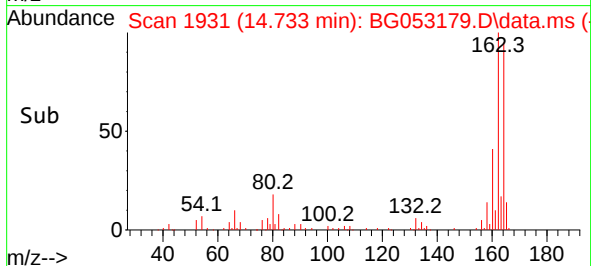
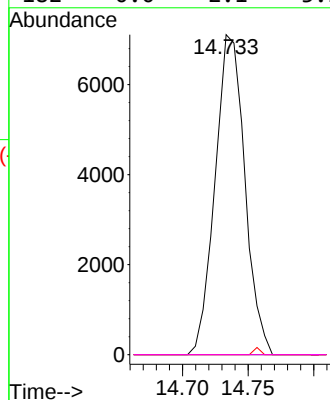
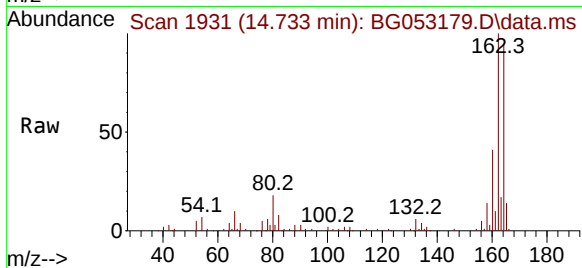
Ion Ratio Lower Upper

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# 2399

Delta R.T. -0.009 min

Lab File: BG053179.D

Acq: 18 Apr 2022 14:25

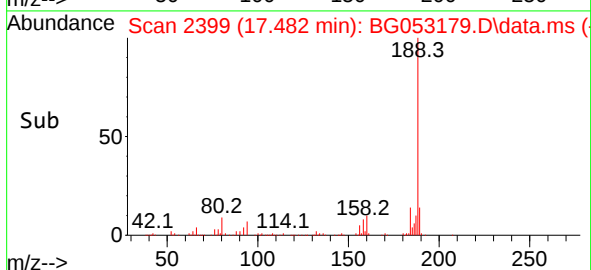
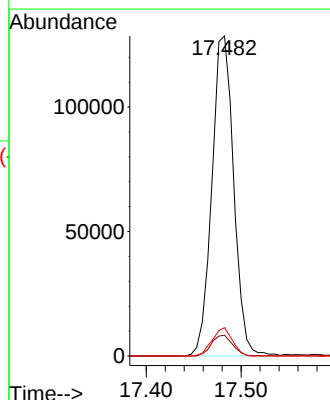
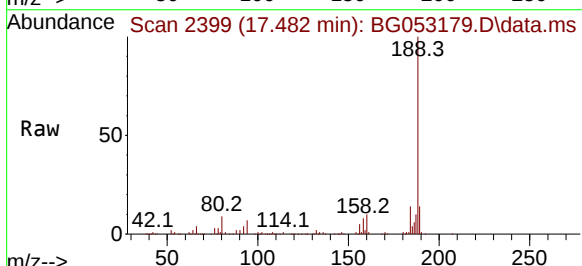
Tgt Ion:188 Resp: 205797

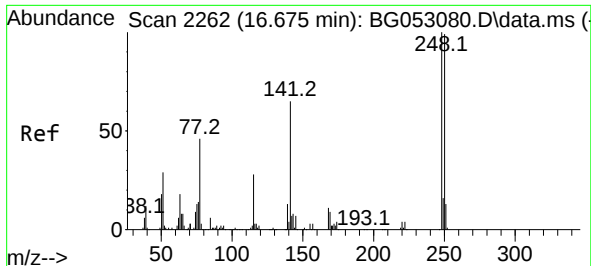
Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.9 7.2 10.8

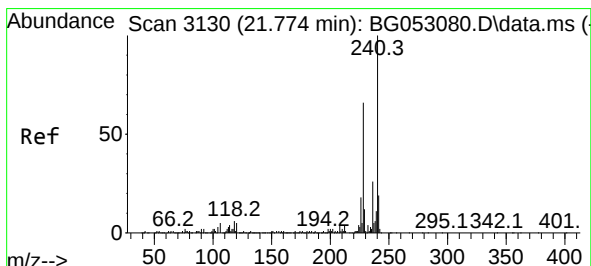
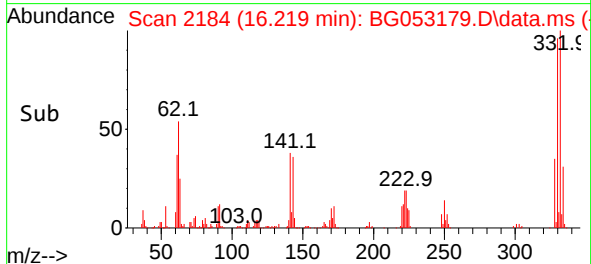
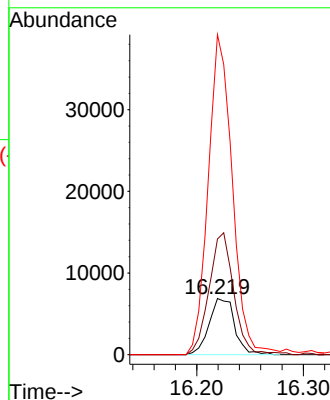
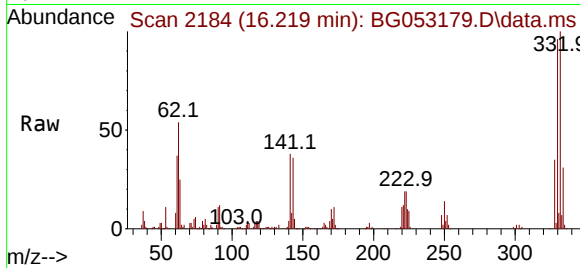




#67
4-Bromophenyl-phenylether
Concen: 4.340 ng
RT: 16.219 min Scan# 2118
Delta R.T. -0.456 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

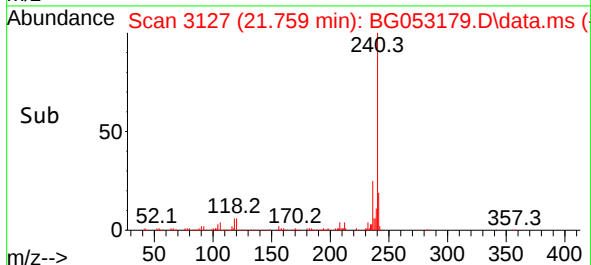
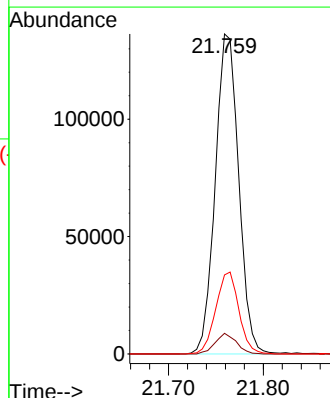
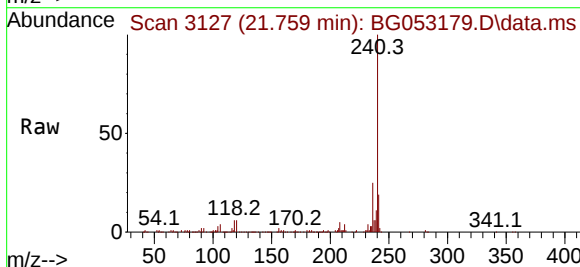
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:248 Resp: 11445
Ion Ratio Lower Upper
248 100
250 205.9 77.9 116.9#
141 569.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.015 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

Tgt Ion:240 Resp: 234301
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.7 19.8 29.6

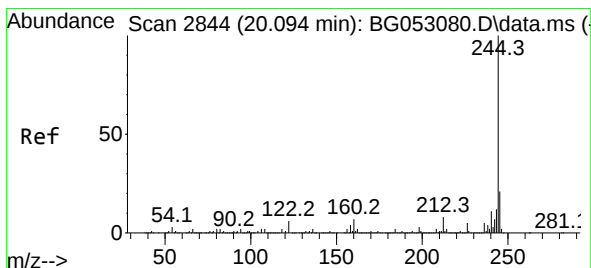
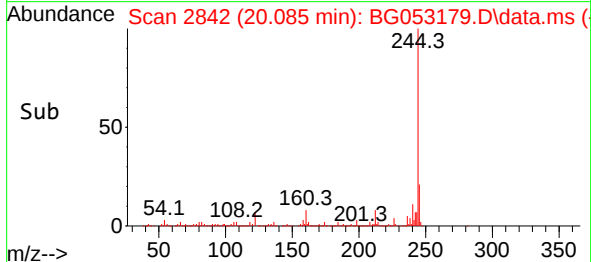
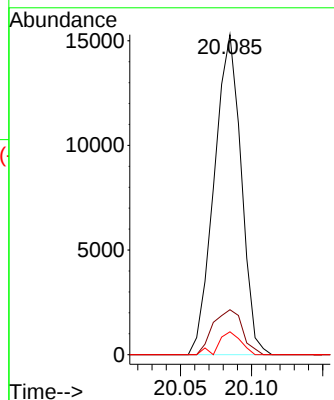
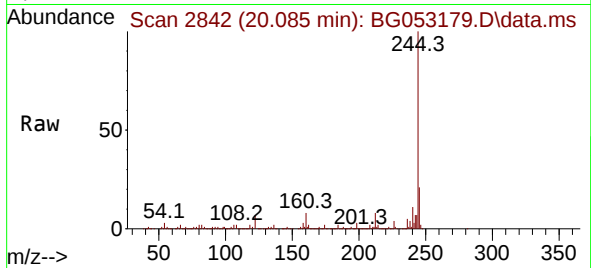




#77
Benzidine
Concen: 3.017 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

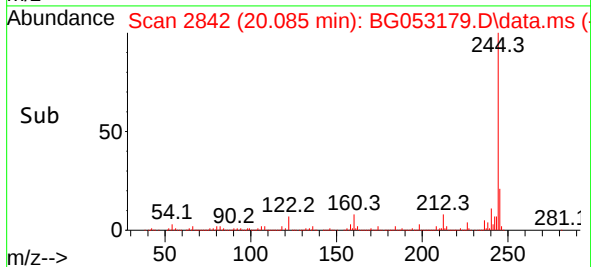
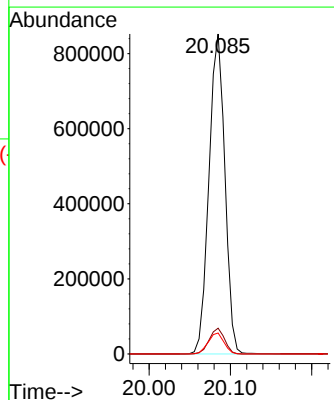
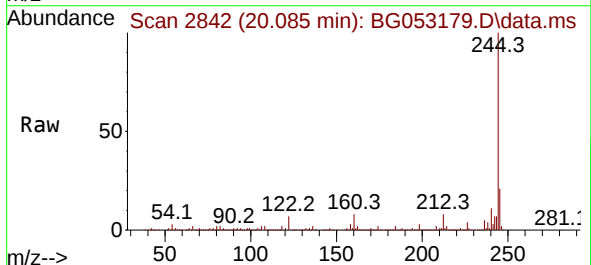
Instrument :
BNA_G
ClientSampleId :
SB-1

Tgt Ion:184 Resp: 20168
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 7.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 83.463 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053179.D
Acq: 18 Apr 2022 14:25

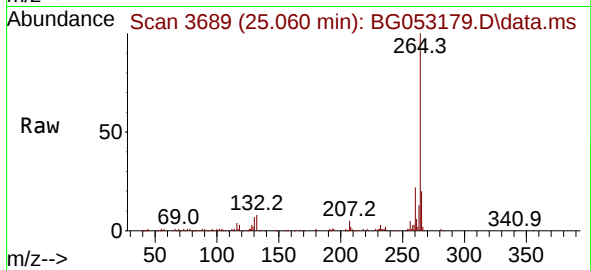
Tgt Ion:244 Resp: 1157877
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 6.6 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.060 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG053179.D
 Acq: 18 Apr 2022 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-1



Tgt Ion:264 Resp: 248906
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 20.1 15.1 22.7

