

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053183.D
 Acq On : 18 Apr 2022 16:59
 Operator : CG/JU
 Sample : N2449-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 22L091-B

Quant Time: Apr 19 04:21:03 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)

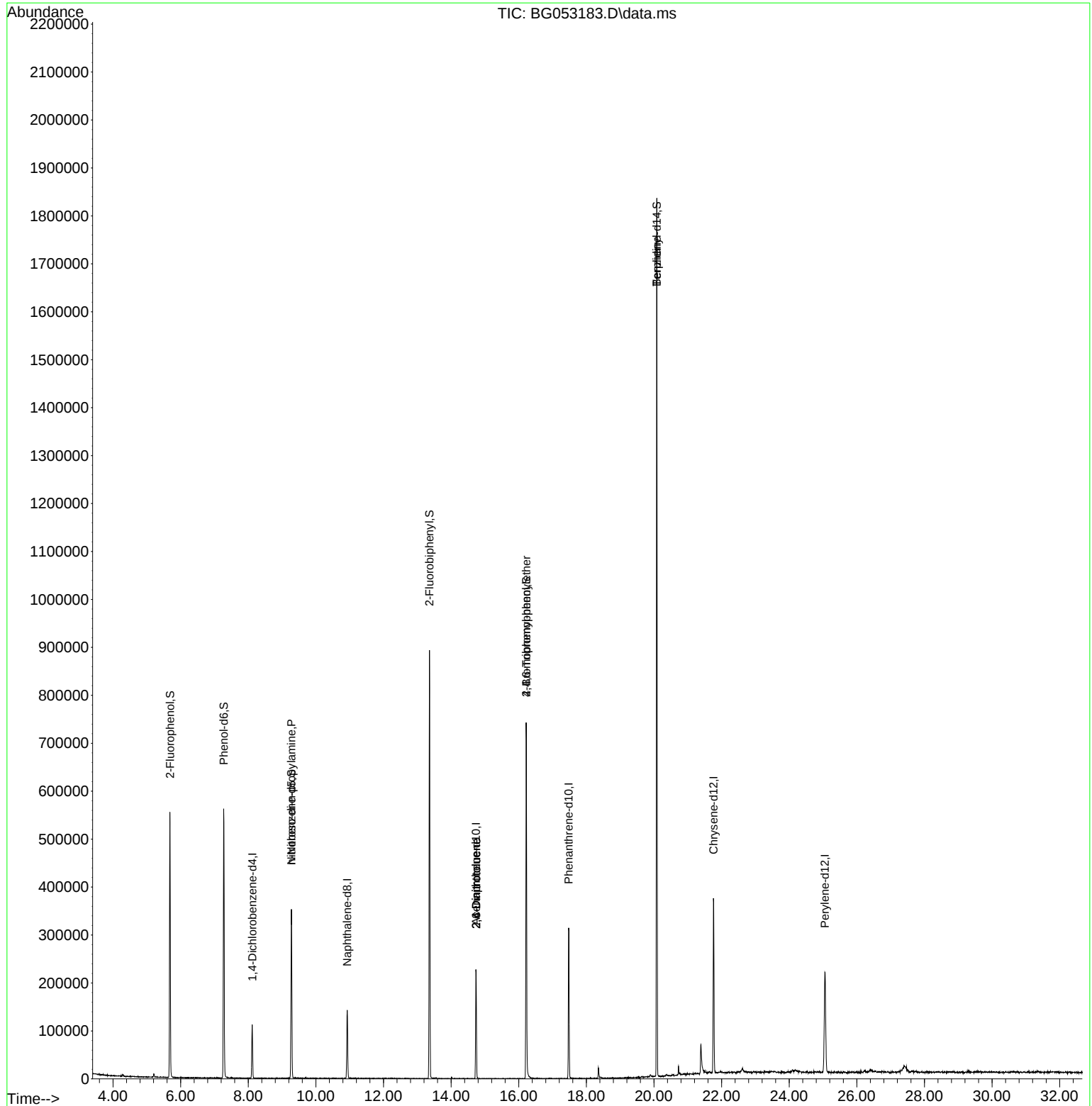
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	32813	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	120274	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	87991	20.000	ng	-0.01
64) Phenanthrene-d10	17.477	188	215963	20.000	ng	-0.01
76) Chrysene-d12	21.760	240	239030	20.000	ng	-0.01
86) Perylene-d12	25.055	264	245324	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	227706	118.956	ng	0.00
7) Phenol-d6	7.273	99	315510	106.884	ng	0.00
23) Nitrobenzene-d5	9.277	82	224051	75.638	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	157184	112.282	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	477085	74.764	ng	0.00
79) Terphenyl-d14	20.086	244	969713	68.517	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	31943	14.781	ng	# 80
51) 2,6-Dinitrotoluene	14.740	165	11546	7.864	ng	# 24
57) 2,4-Dinitrotoluene	14.740	165	11546	5.524	ng	# 22
67) 4-Bromophenyl-phenylether	16.226	248	10450	3.776	ng	# 1
77) Benzidine	20.086	184	16744	2.455	ng	# 92

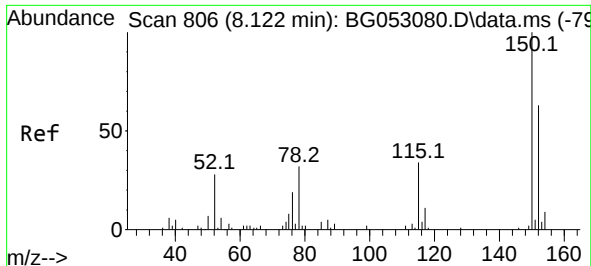
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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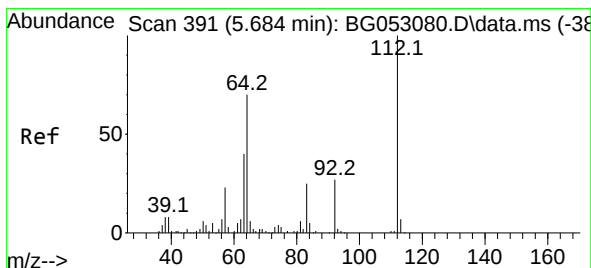
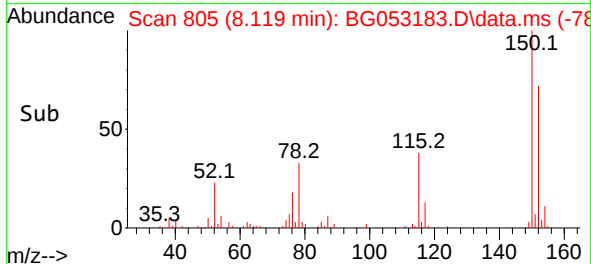
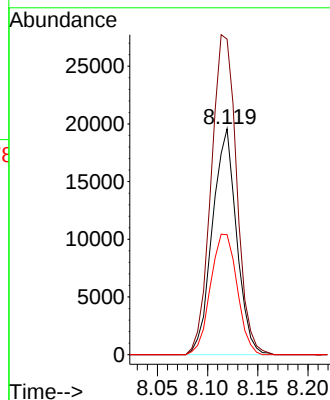
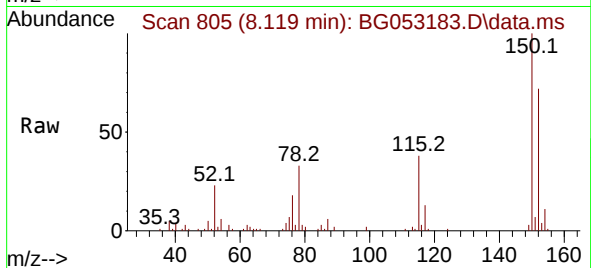




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

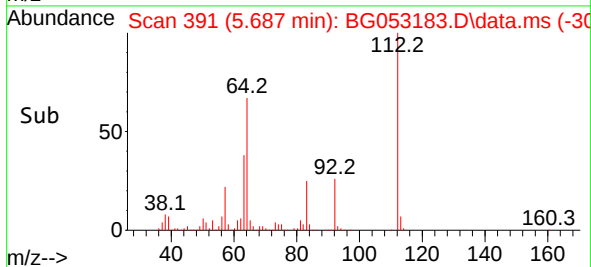
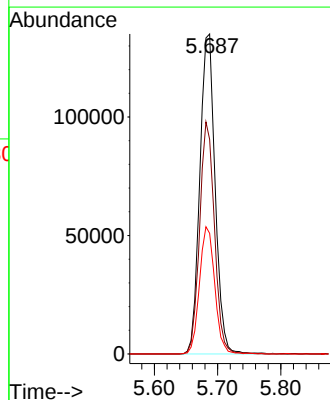
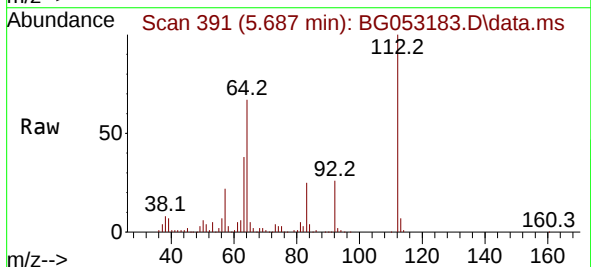
Instrument :
BNA_G
ClientSampleId :
22L091-B

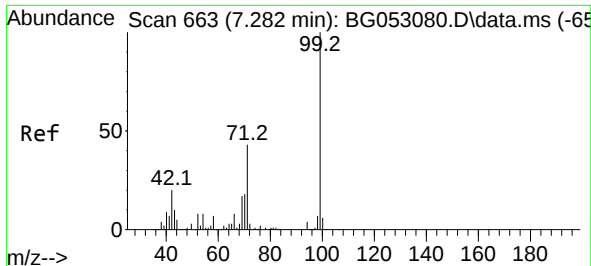
Tgt Ion:152 Resp: 32813
Ion Ratio Lower Upper
152 100
150 139.6 114.6 172.0
115 53.1 45.9 68.9



#5
2-Fluorophenol
Concen: 118.956 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion:112 Resp: 227706
Ion Ratio Lower Upper
112 100
64 67.1 48.0 72.0
63 37.7 26.5 39.7

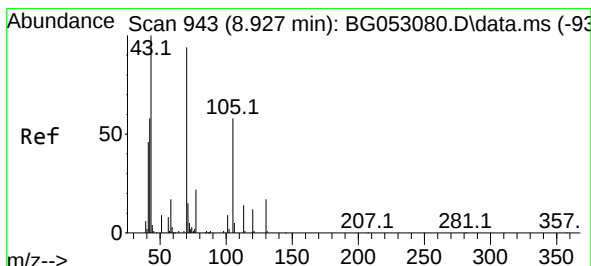
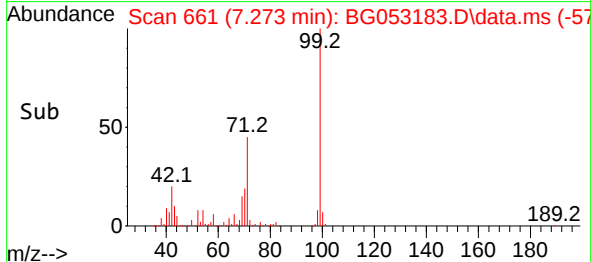
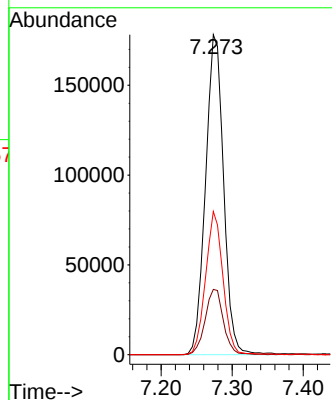
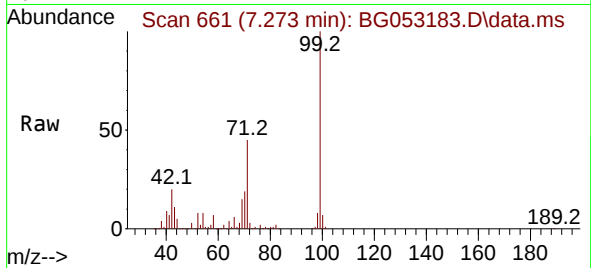




#7
Phenol-d6
Concen: 106.884 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

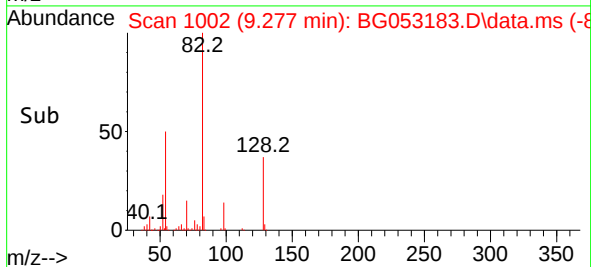
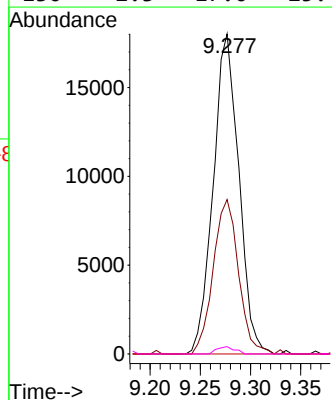
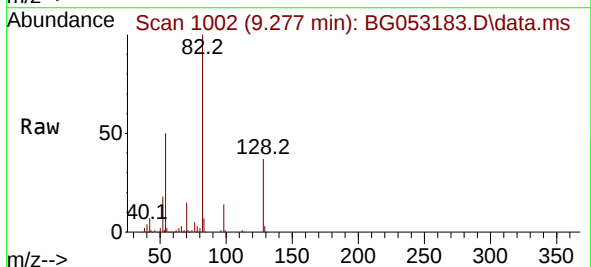
Instrument :
BNA_G
ClientSampleId :
22L091-B

Tgt Ion: 99 Resp: 315510
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 44.8 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.781 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 70 Resp: 31943
Ion Ratio Lower Upper
70 100
42 48.2 46.0 69.0
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#

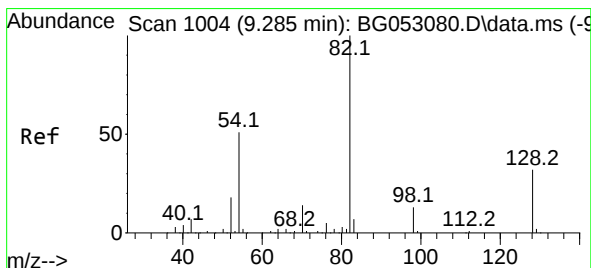
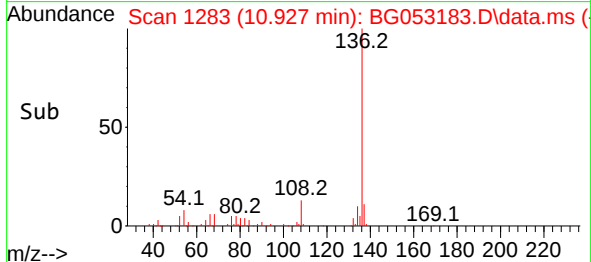
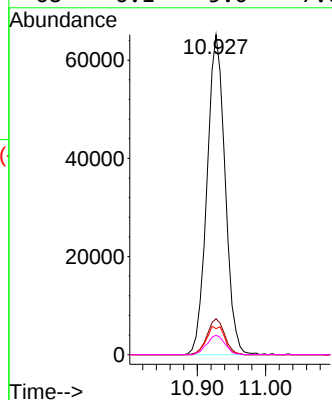
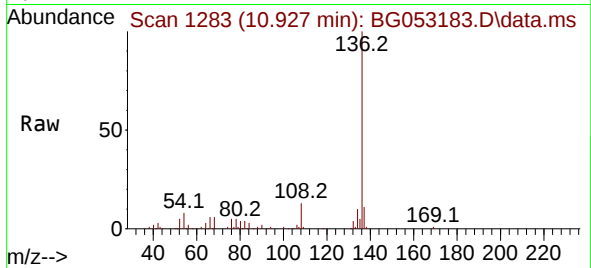




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

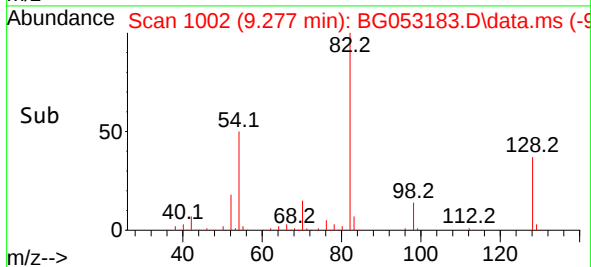
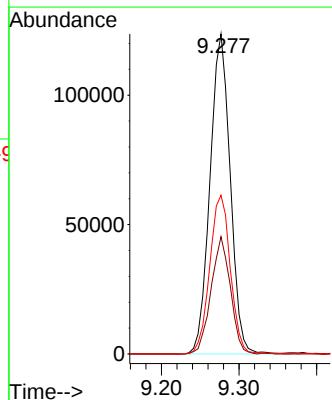
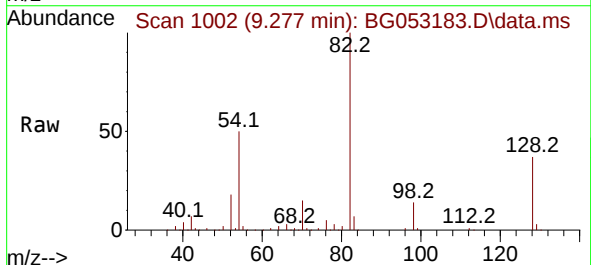
Instrument :
BNA_G
ClientSampleId :
22L091-B

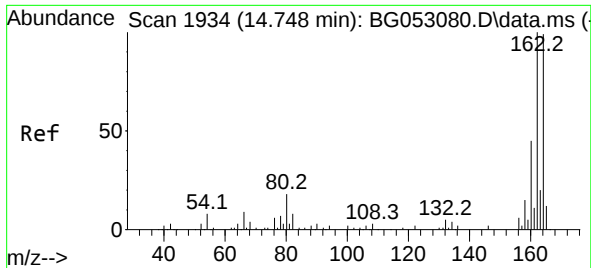
Tgt Ion:136	Resp: 120274
Ion Ratio	Lower Upper
136 100	
137 11.2	9.4 14.2
54 8.1	6.4 9.6
68 6.1	5.0 7.6



#23
Nitrobenzene-d5
Concen: 75.638 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion: 82	Resp: 224051
Ion Ratio	Lower Upper
82 100	
128 36.7	31.3 46.9
54 49.6	37.8 56.8

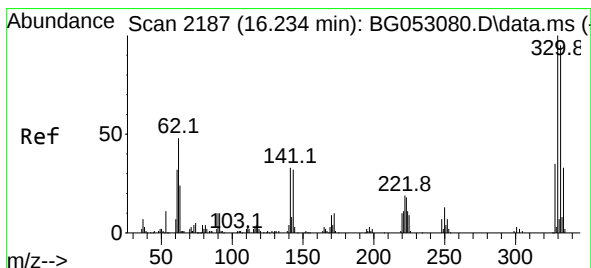
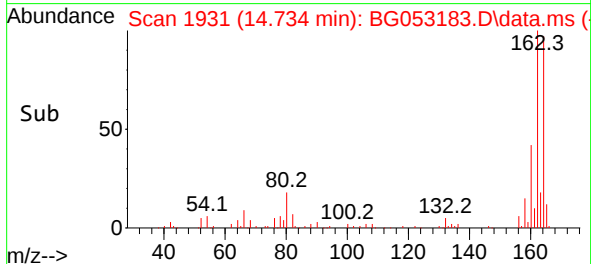
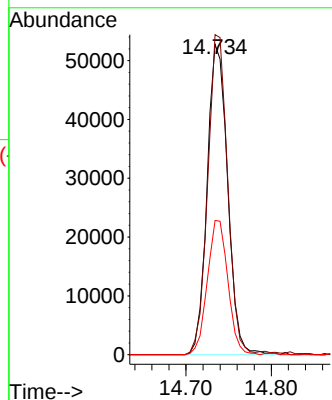
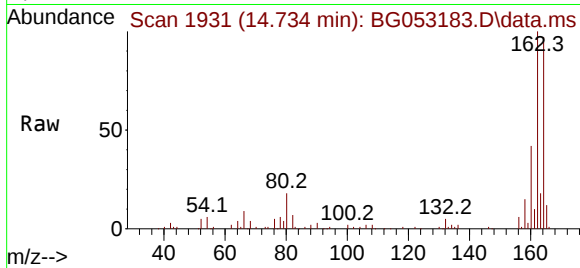




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.014 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

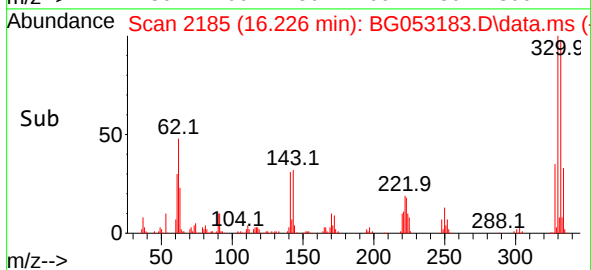
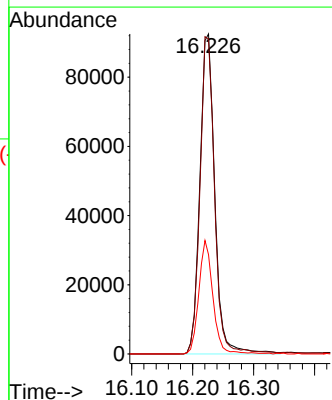
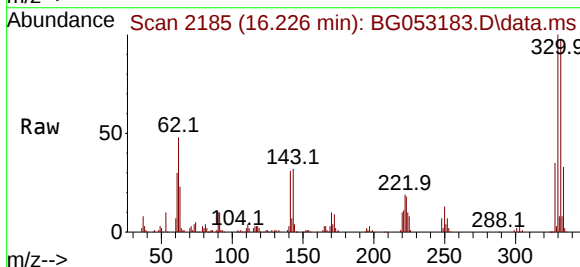
Instrument :
BNA_G
ClientSampleId :
22L091-B

Tgt Ion:164 Resp: 87991
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 43.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 112.282 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion:330 Resp: 157184
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 33.7 24.6 36.8

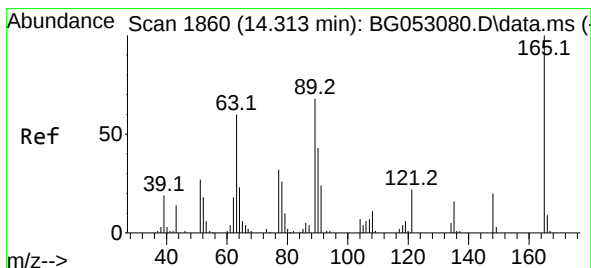
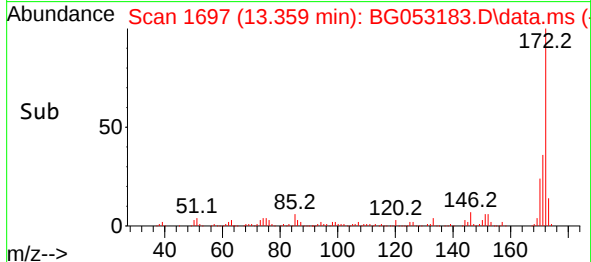
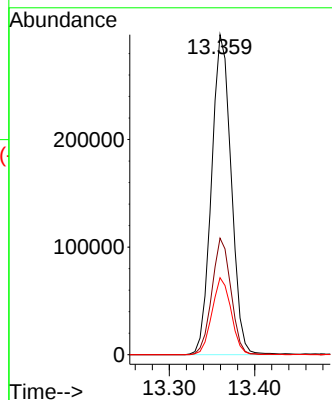
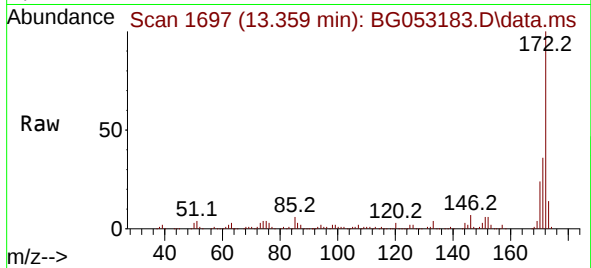




#45
2-Fluorobiphenyl
Concen: 74.764 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

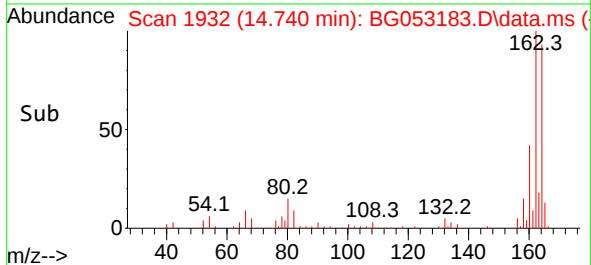
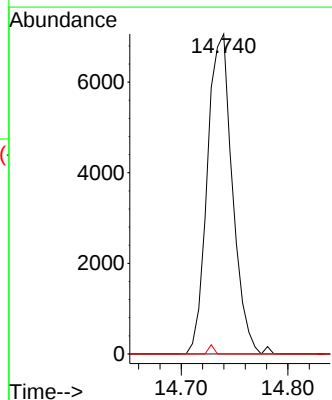
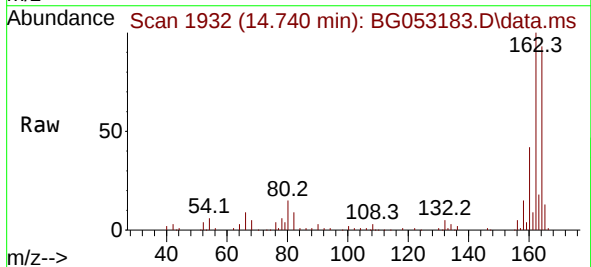
Instrument :
BNA_G
ClientSampleId :
22L091-B

Tgt Ion:172 Resp: 477085
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 24.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion:165 Resp: 11546
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: 5.524 ng

RT: 14.740 min Scan# 1994

Delta R.T. -0.361 min

Lab File: BG053183.D

Acq: 18 Apr 2022 16:59

Instrument :

BNA_G

ClientSampleId :

22L091-B

Tgt Ion:165 Resp: 11546

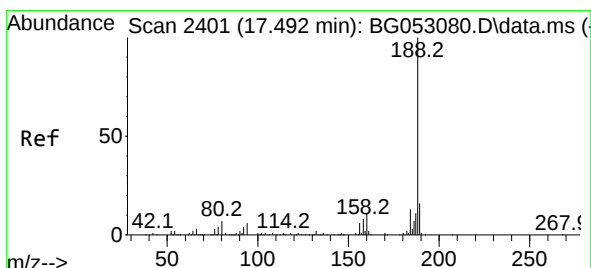
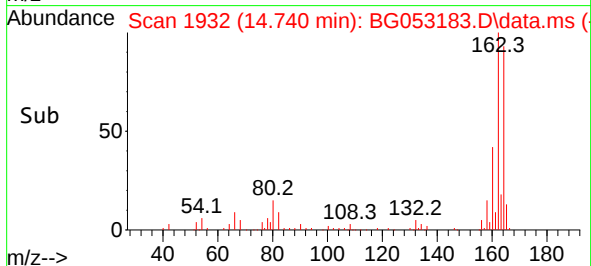
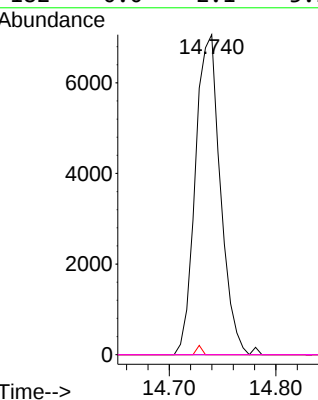
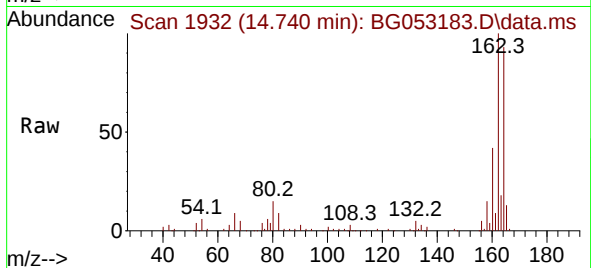
Ion Ratio Lower Upper

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: 17.477 min Scan# 2398

Delta R.T. -0.014 min

Lab File: BG053183.D

Acq: 18 Apr 2022 16:59

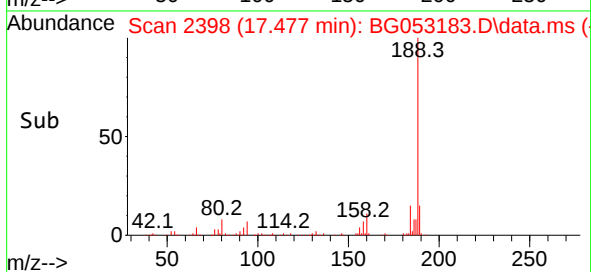
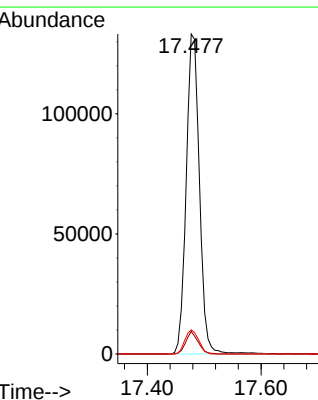
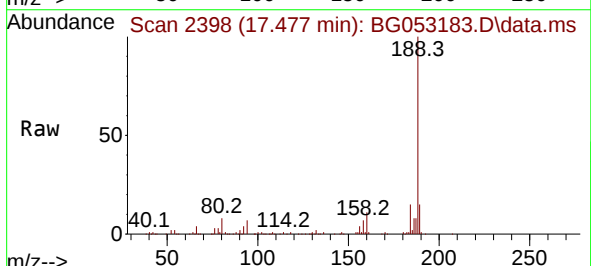
Tgt Ion:188 Resp: 215963

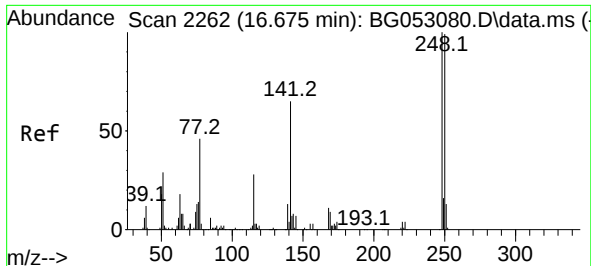
Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 7.5 7.2 10.8

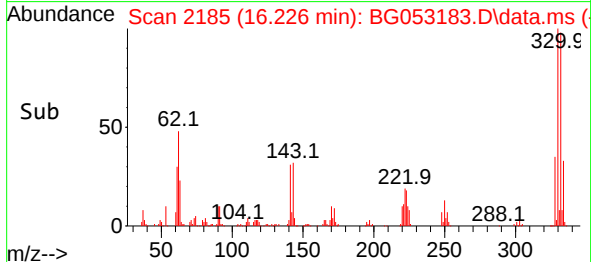
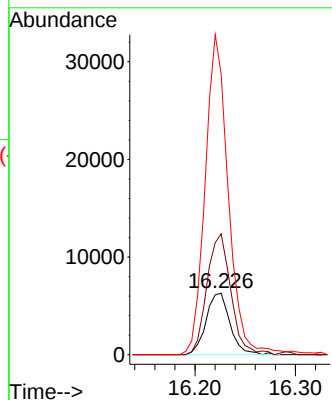
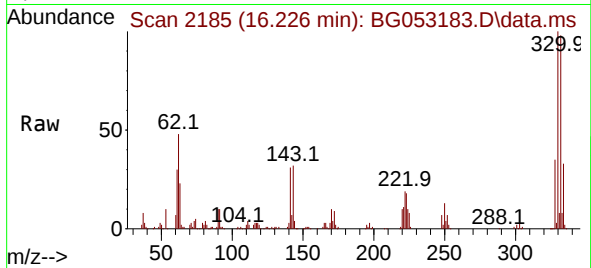




#67
4-Bromophenyl-phenylether
Concen: 3.776 ng
RT: 16.226 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

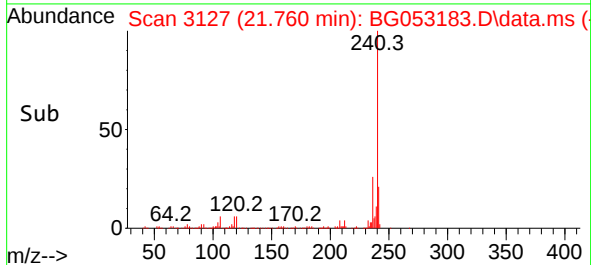
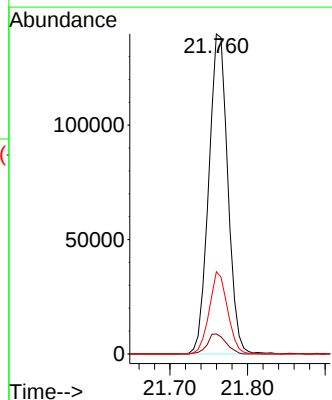
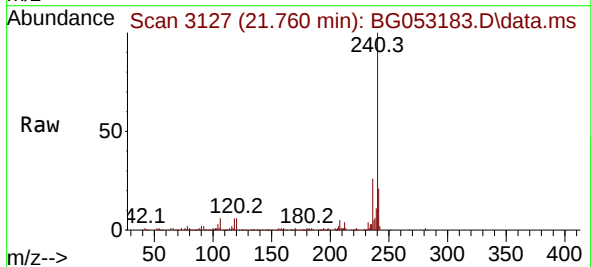
Instrument :
BNA_G
ClientSampleId :
22L091-B

Tgt Ion:248 Resp: 10450
Ion Ratio Lower Upper
248 100
250 196.8 77.9 116.9#
141 457.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.014 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion:240 Resp: 239030
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.7 19.8 29.6

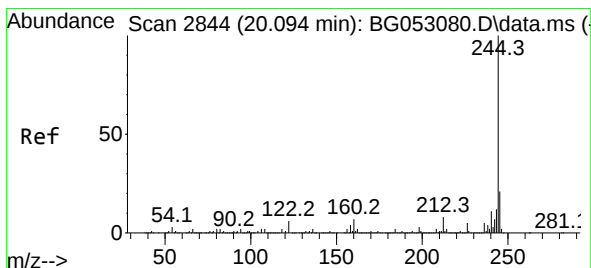
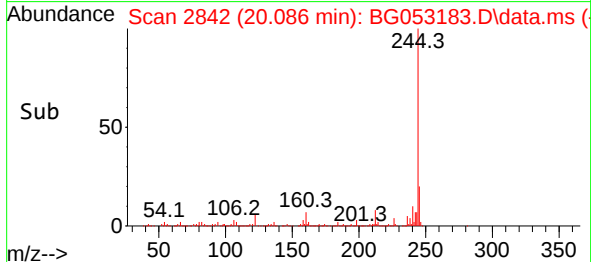
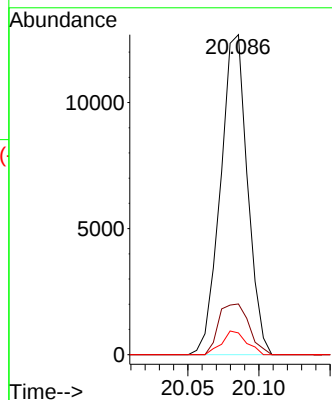
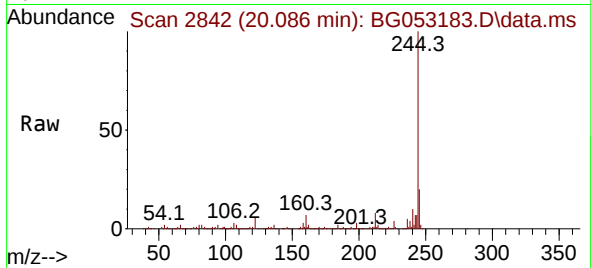




#77
Benzidine
Concen: 2.455 ng
RT: 20.086 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

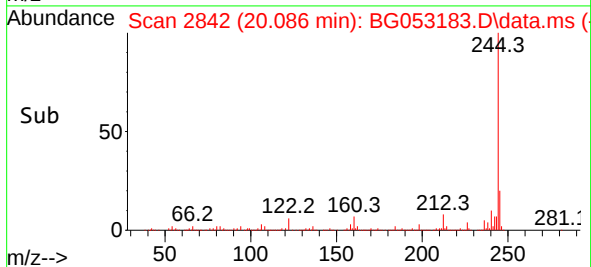
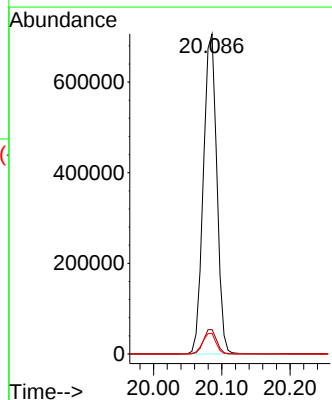
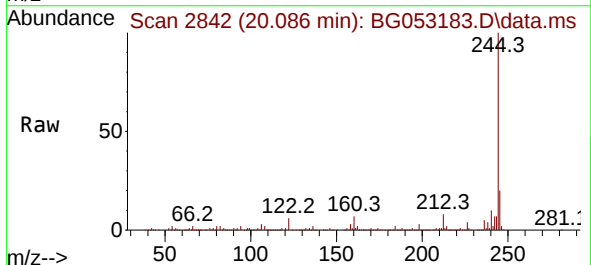
Instrument :
BNA_G
ClientSampleId :
22L091-B

Tgt Ion:184 Resp: 16744
Ion Ratio Lower Upper
184 100
185 15.9 11.5 17.3
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 68.517 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053183.D
Acq: 18 Apr 2022 16:59

Tgt Ion:244 Resp: 969713
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 30
 Delta R.T. -0.020 min
 Lab File: BG053183.D
 Acq: 18 Apr 2022 16:59

Instrument :
 BNA_G
 ClientSampleId :
 22L091-B

Tgt Ion:264 Resp: 245324
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 20.3 15.1 22.7

