

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053186.D
 Acq On : 18 Apr 2022 18:55
 Operator : CG/JU
 Sample : N2444-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11

Quant Time: Apr 19 04:21:21 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)

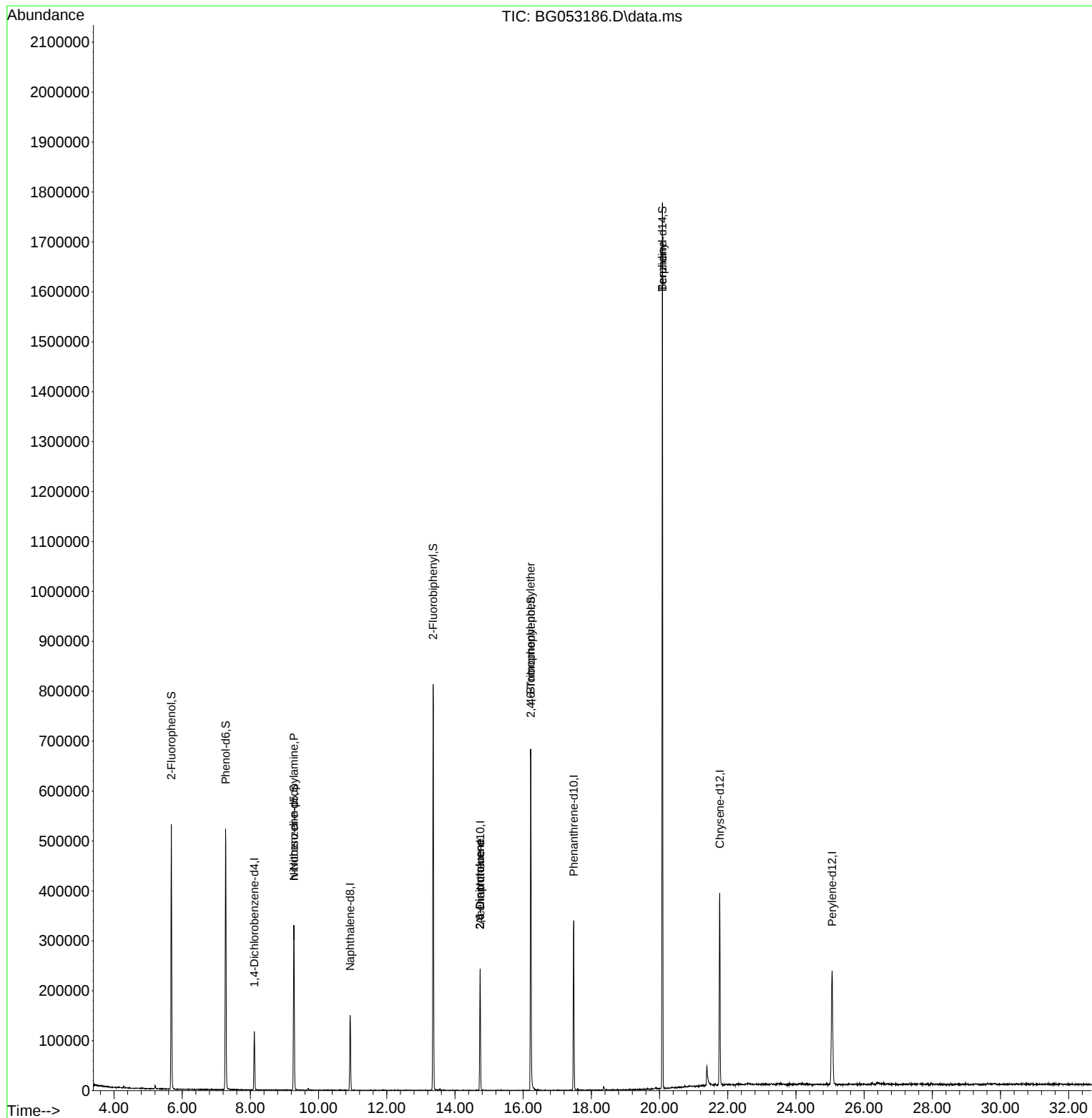
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	31827	20.000	ng	# 0.00
21) Naphthalene-d8	10.927	136	124428	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	90523	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	222306	20.000	ng	0.00
76) Chrysene-d12	21.765	240	258226	20.000	ng	0.00
86) Perylene-d12	25.061	264	260808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	211391	113.854	ng	0.00
7) Phenol-d6	7.273	99	295540	103.220	ng	0.00
23) Nitrobenzene-d5	9.276	82	208515	68.043	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	145155	100.789	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	436517	66.493	ng	0.00
79) Terphenyl-d14	20.085	244	918424	60.069	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.276	70	29752	14.193	ng	# 82
51) 2,6-Dinitrotoluene	14.734	165	12097	8.009	ng	# 24
57) 2,4-Dinitrotoluene	14.734	165	12097	5.625	ng	# 22
67) 4-Bromophenyl-phenylether	16.220	248	9288	3.261	ng	# 1
77) Benzidine	20.085	184	15802	2.145	ng	# 89

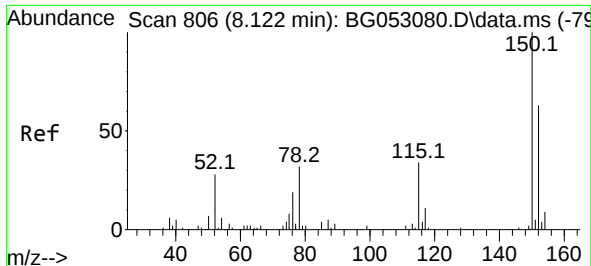
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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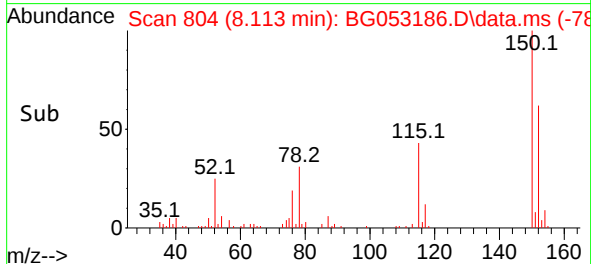
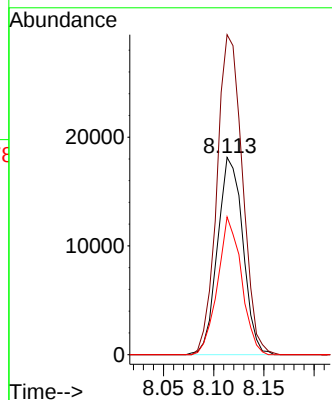
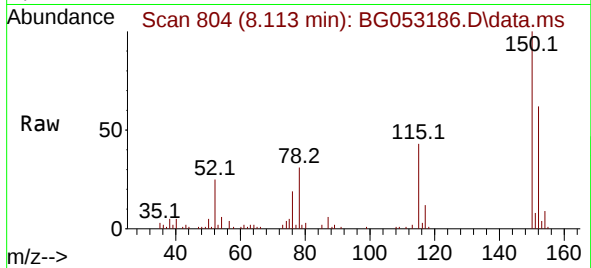




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

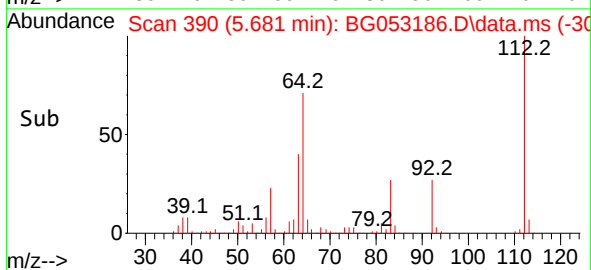
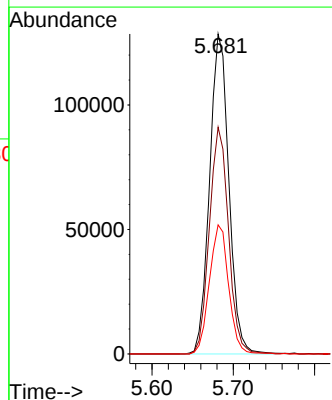
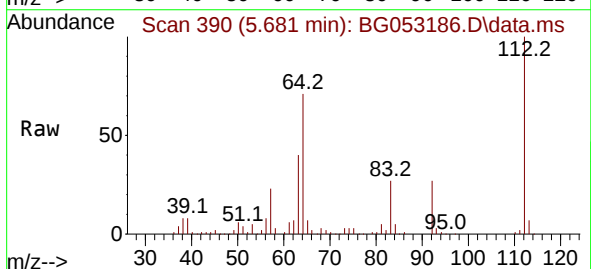
Instrument :
BNA_G
ClientSampleId :
SB-11

Tgt Ion:152 Resp: 31827
Ion Ratio Lower Upper
152 100
150 162.2 114.6 172.0
115 69.8 45.9 68.9#



#5
2-Fluorophenol
Concen: 113.854 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion:112 Resp: 211391
Ion Ratio Lower Upper
112 100
64 70.9 48.0 72.0
63 40.4 26.5 39.7#

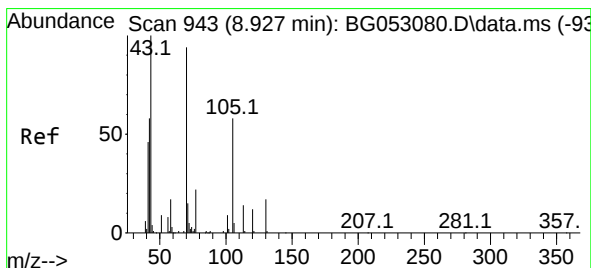
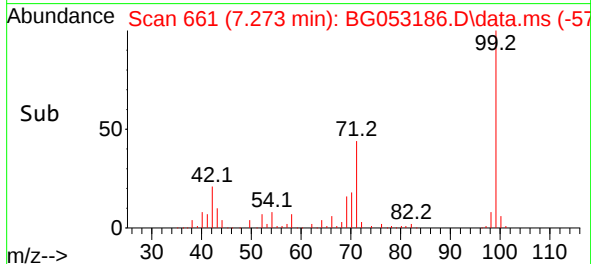
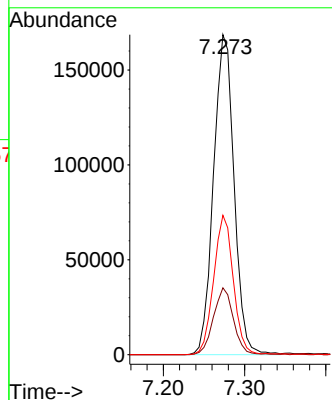
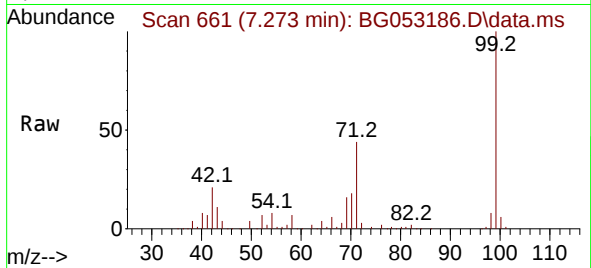




#7
Phenol-d6
Concen: 103.220 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

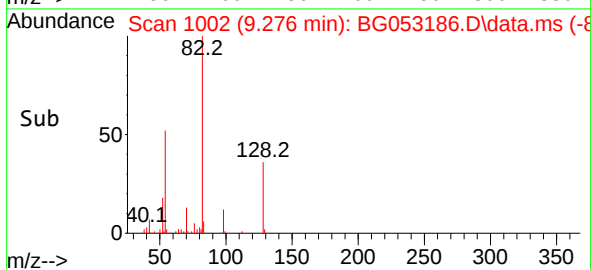
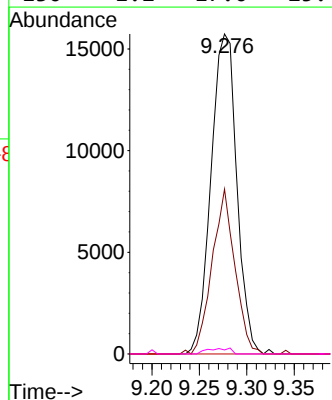
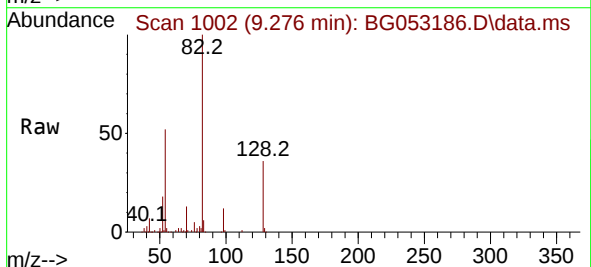
Instrument :
BNA_G
ClientSampleId :
SB-11

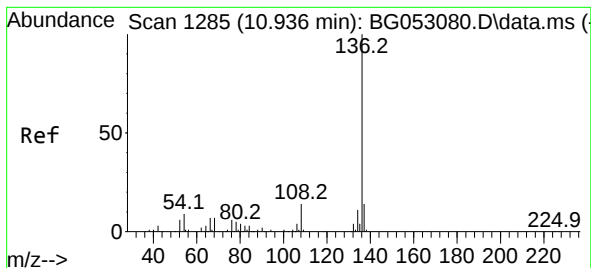
Tgt Ion: 99 Resp: 295540
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 43.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.193 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion: 70 Resp: 29752
Ion Ratio Lower Upper
70 100
42 51.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

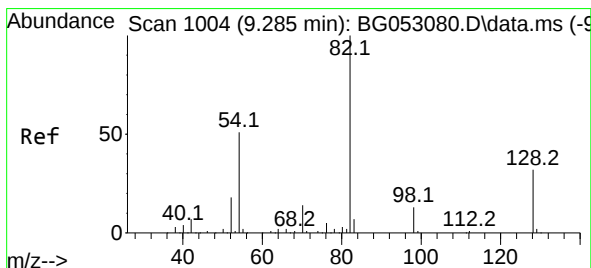
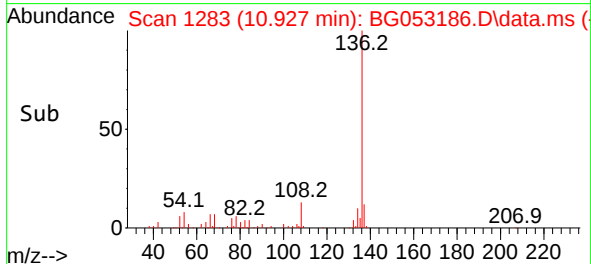
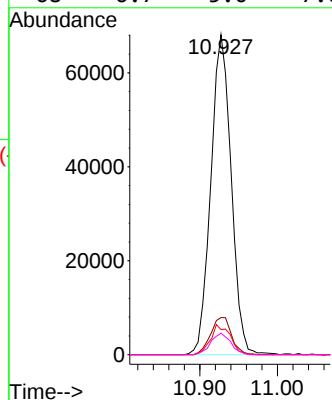
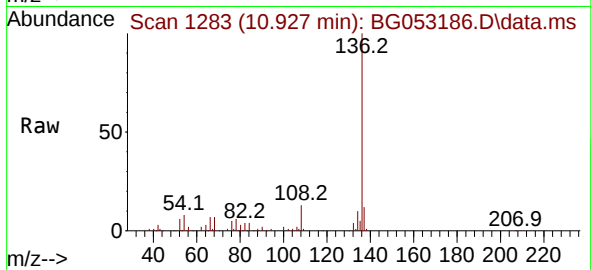




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

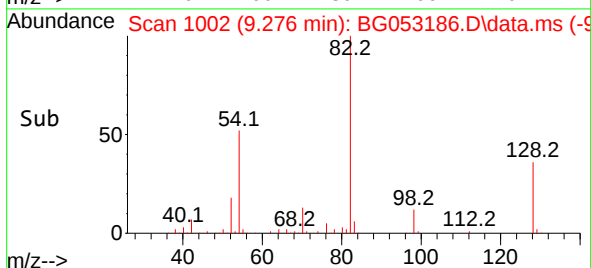
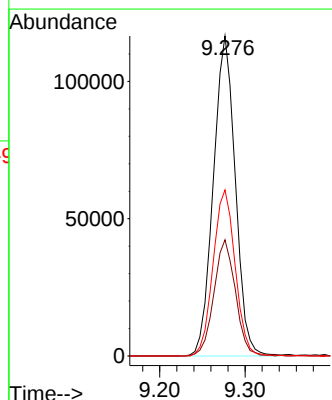
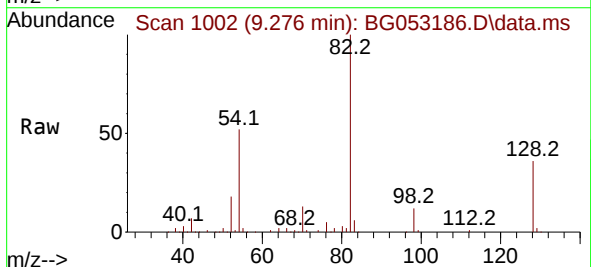
Instrument :
BNA_G
ClientSampleId :
SB-11

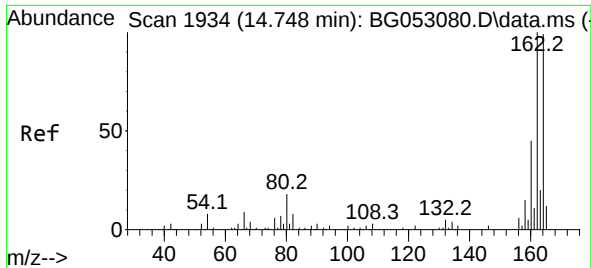
Tgt Ion:136 Resp: 124428
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 7.8 6.4 9.6
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 68.043 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion: 82 Resp: 208515
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 51.9 37.8 56.8

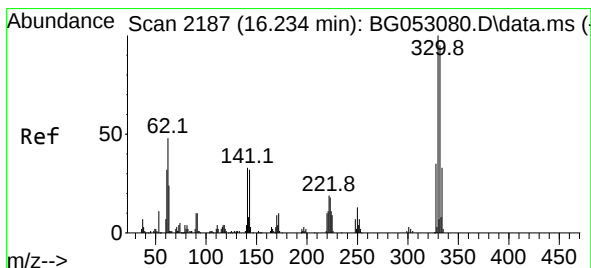
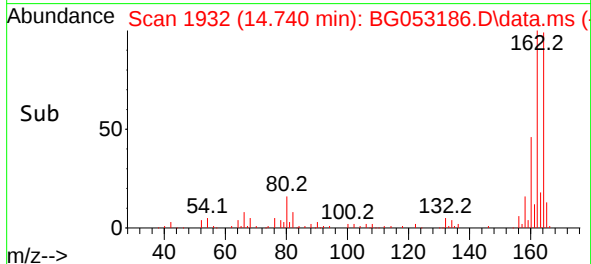
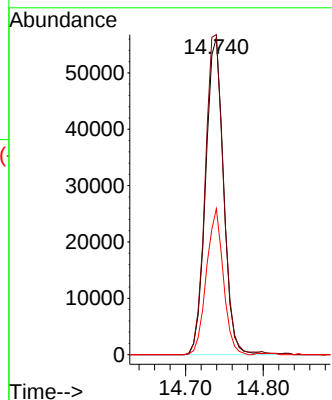
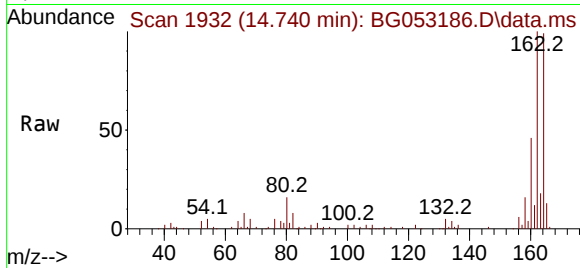




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

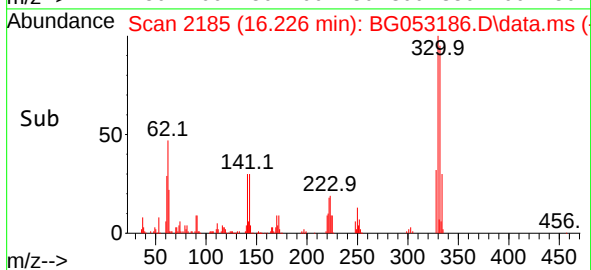
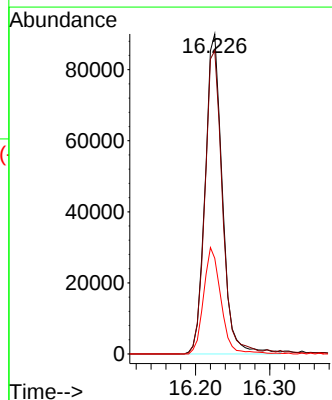
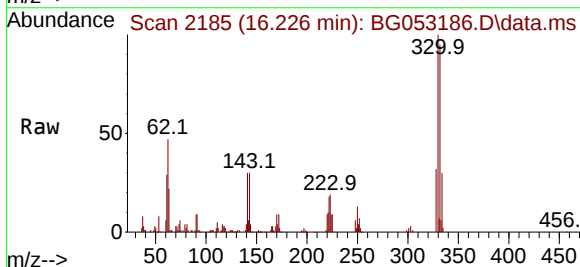
Instrument :
BNA_G
ClientSampleId :
SB-11

Tgt Ion:164 Resp: 90523
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 46.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 100.789 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion:330 Resp: 145155
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.6
141 33.7 24.6 36.8

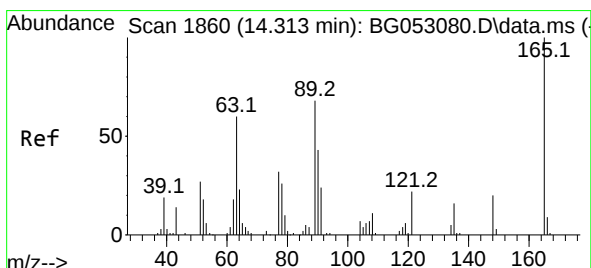
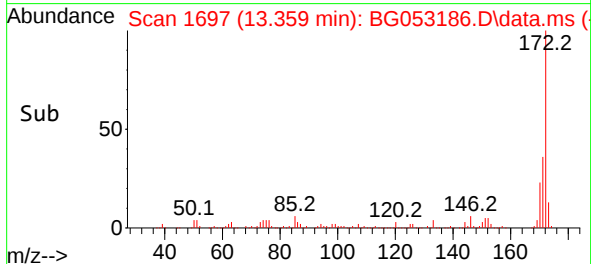
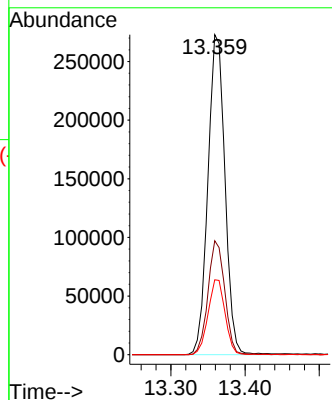
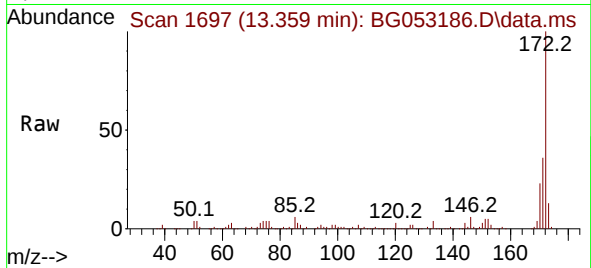




#45
2-Fluorobiphenyl
Concen: 66.493 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

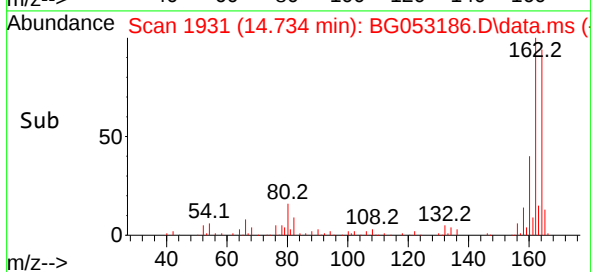
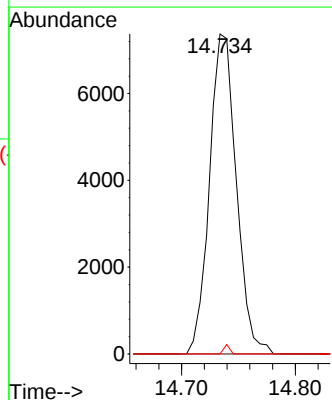
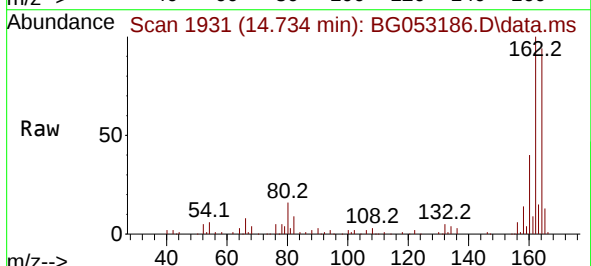
Instrument :
BNA_G
ClientSampleId :
SB-11

Tgt Ion:172 Resp: 436517
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 14.734 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion:165 Resp: 12097
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: 5.625 ng

RT: 14.734 min Scan# 1994

Delta R.T. -0.367 min

Lab File: BG053186.D

Acq: 18 Apr 2022 18:55

Instrument :

BNA_G

ClientSampleId :

SB-11

Tgt Ion:165 Resp: 12097

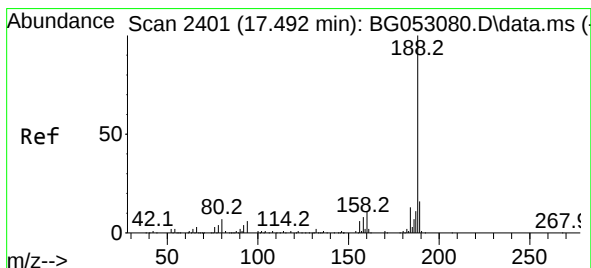
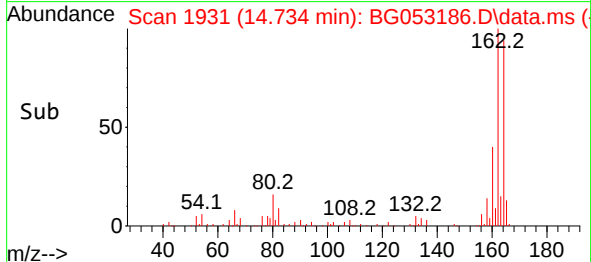
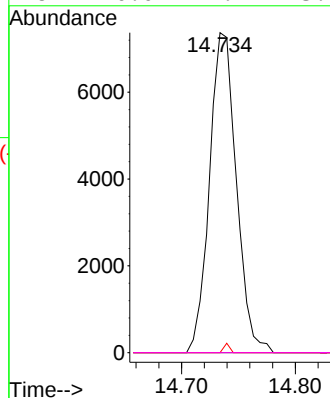
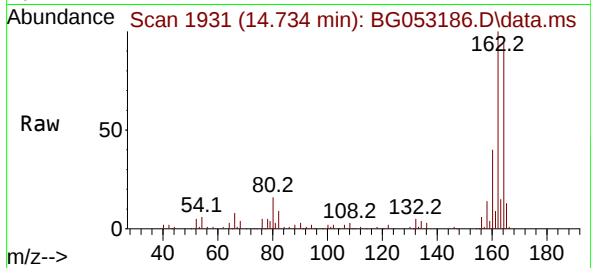
Ion Ratio Lower Upper

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: 17.483 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053186.D

Acq: 18 Apr 2022 18:55

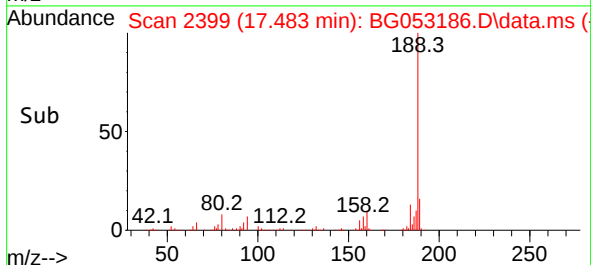
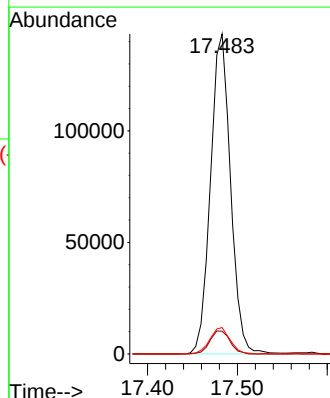
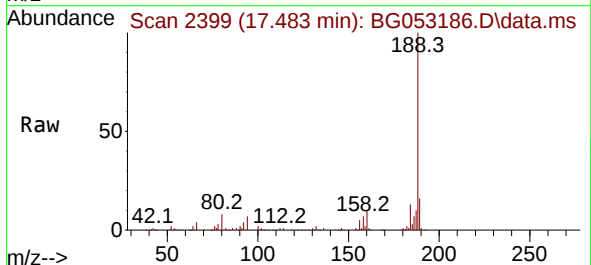
Tgt Ion:188 Resp: 222306

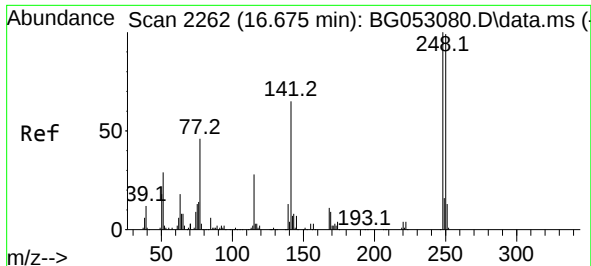
Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 8.3 7.2 10.8

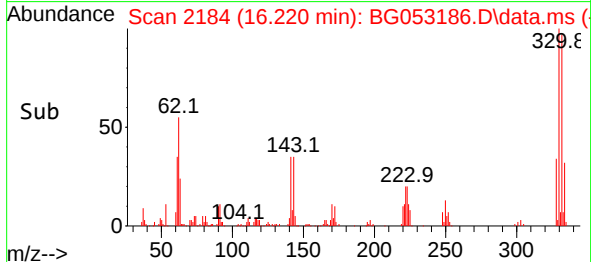
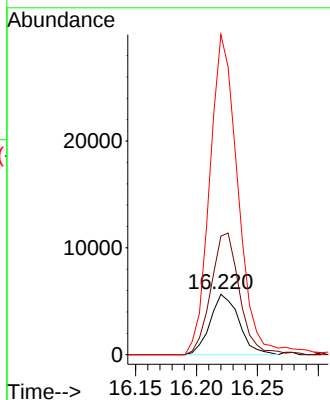
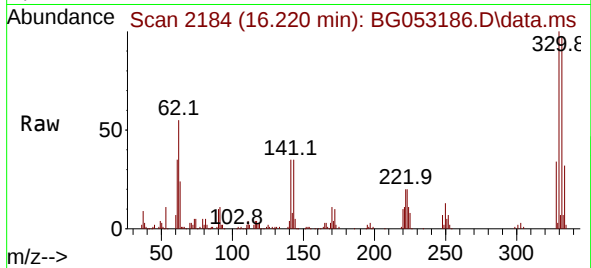




#67
4-Bromophenyl-phenylether
Concen: 3.261 ng
RT: 16.220 min Scan# 2118
Delta R.T. -0.455 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

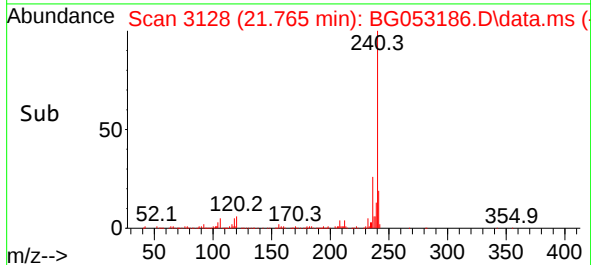
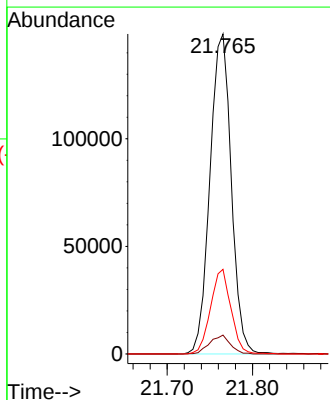
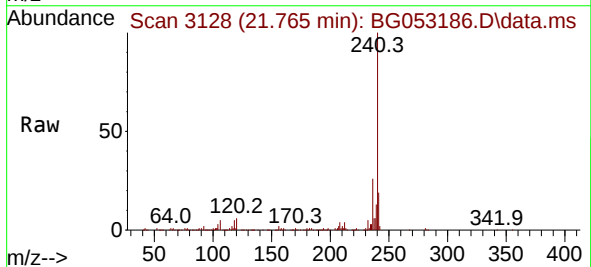
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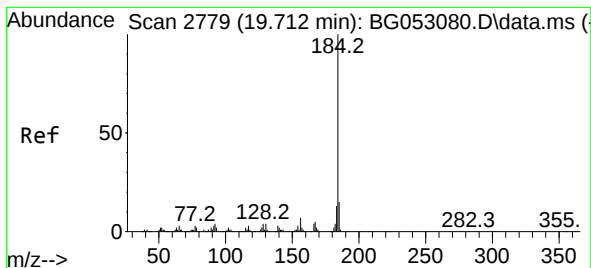
Tgt Ion:248 Resp: 9288
Ion Ratio Lower Upper
248 100
250 196.4 77.9 116.9#
141 529.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Tgt Ion:240 Resp: 258226
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.5 19.8 29.6





#77

Benzidine

Concen: 2.145 ng

RT: 20.085 min Scan# 21

Delta R.T. 0.373 min

Lab File: BG053186.D

Acq: 18 Apr 2022 18:55

Instrument :

BNA_G

ClientSampleId :

SB-11

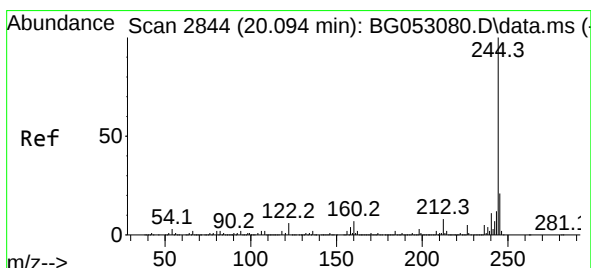
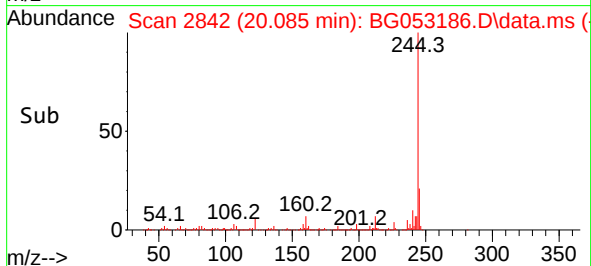
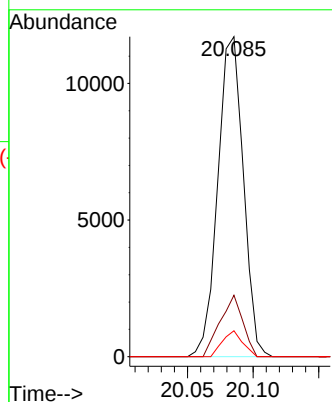
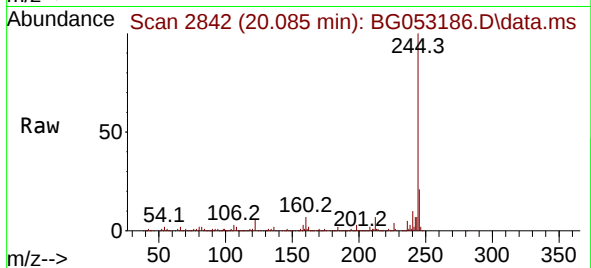
Tgt Ion:184 Resp: 15802

Ion Ratio Lower Upper

184 100

185 19.2 11.5 17.3#

183 8.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 60.069 ng

RT: 20.085 min Scan# 2842

Delta R.T. -0.009 min

Lab File: BG053186.D

Acq: 18 Apr 2022 18:55

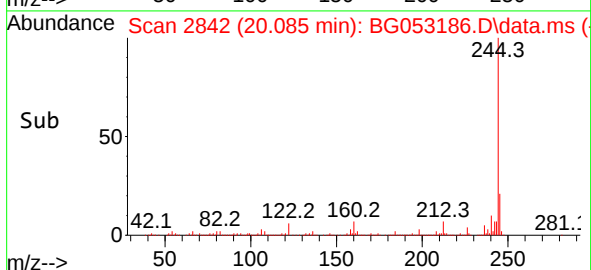
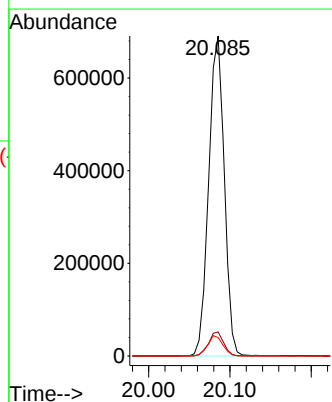
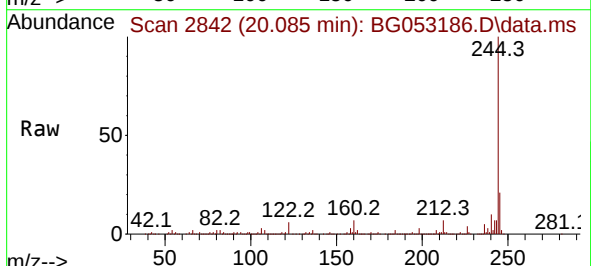
Tgt Ion:244 Resp: 918424

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 5.7 5.8 8.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.061 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053186.D
Acq: 18 Apr 2022 18:55

Instrument :
BNA_G
ClientSampleId :
SB-11

Tgt Ion:264 Resp: 260808

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	21.7	15.1	22.7

