

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053189.D
 Acq On : 18 Apr 2022 20:51
 Operator : CG/JU
 Sample : N2444-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13

Quant Time: Apr 19 04:21:40 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)

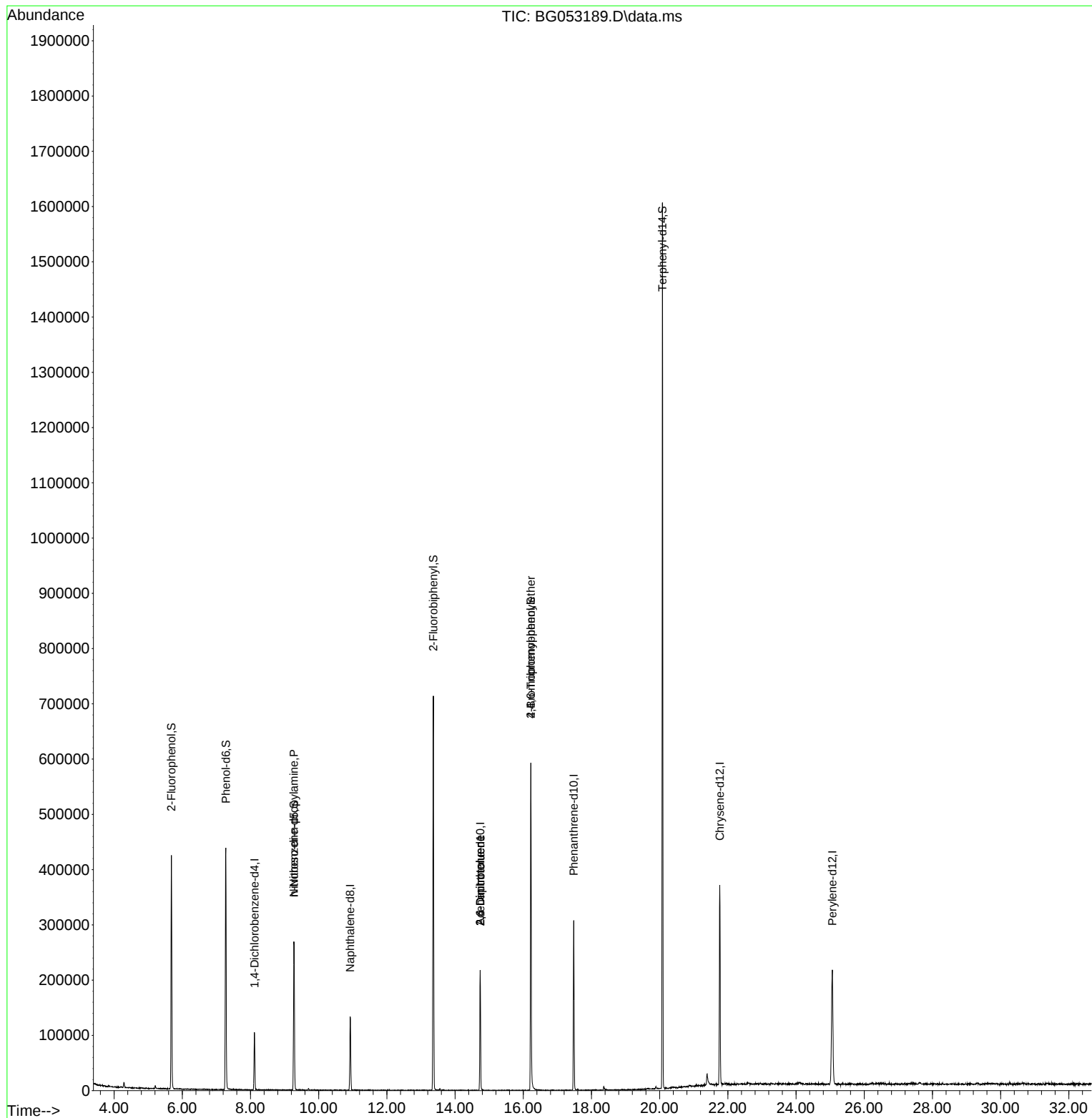
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	28269	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	108652	20.000	ng	#-0.01
39) Acenaphthene-d10	14.737	164	81910	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	197402	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	242406	20.000	ng	-0.01
86) Perylene-d12	25.064	264	243106	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	180297	109.329	ng	0.00
7) Phenol-d6	7.277	99	251268	98.803	ng	0.00
23) Nitrobenzene-d5	9.274	82	180731	67.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	121163	92.977	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	381654	64.249	ng	0.00
79) Terphenyl-d14	20.083	244	814727	56.764	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	25589	13.744	ng	# 73
51) 2,6-Dinitrotoluene	14.737	165	10717	7.841	ng	# 24
57) 2,4-Dinitrotoluene	14.737	165	10717	5.508	ng	# 22
67) 4-Bromophenyl-phenylether	16.223	248	8292	3.278	ng	# 1

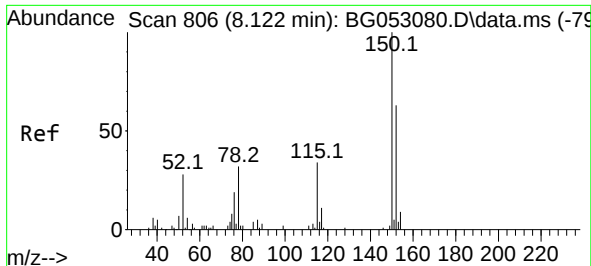
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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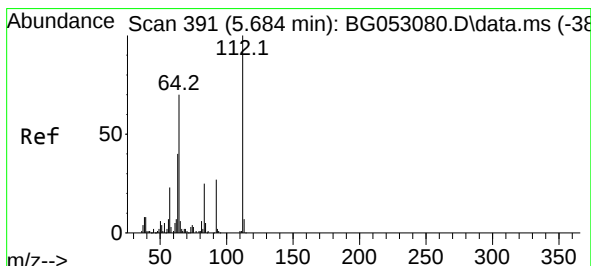
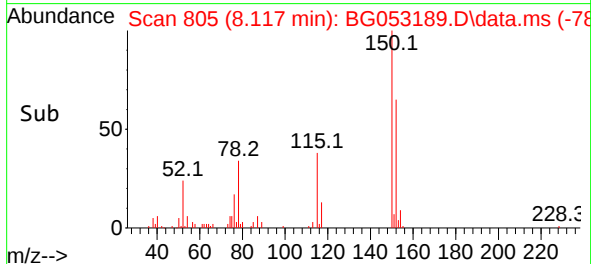
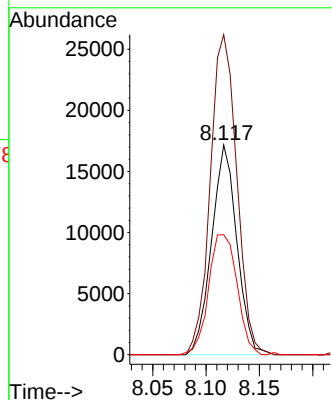
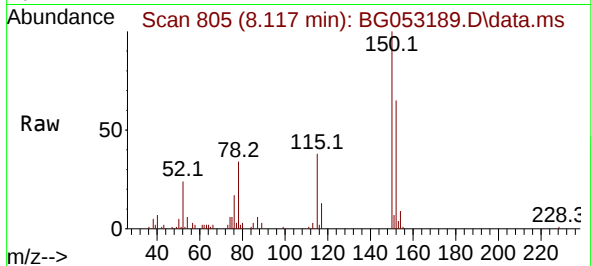




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

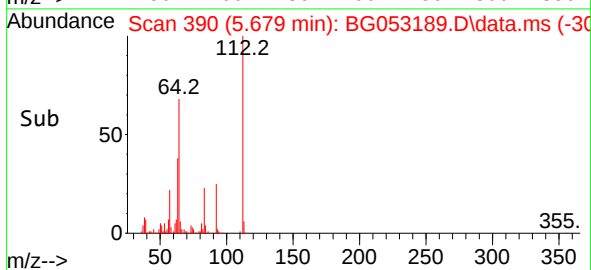
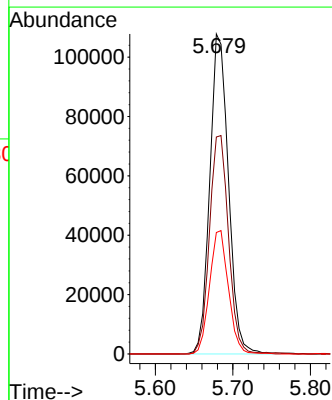
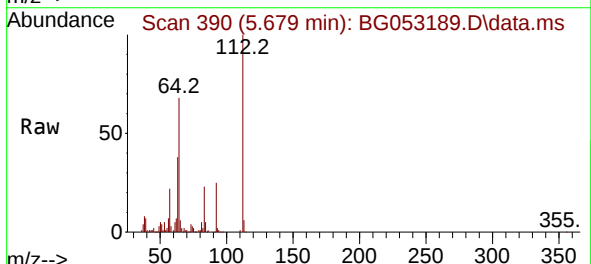
Instrument :
BNA_G
ClientSampleId :
SB-13

Tgt Ion:152 Resp: 28269
Ion Ratio Lower Upper
152 100
150 152.7 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 109.329 ng
RT: 5.679 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

Tgt Ion:112 Resp: 180297
Ion Ratio Lower Upper
112 100
64 67.8 48.0 72.0
63 38.0 26.5 39.7

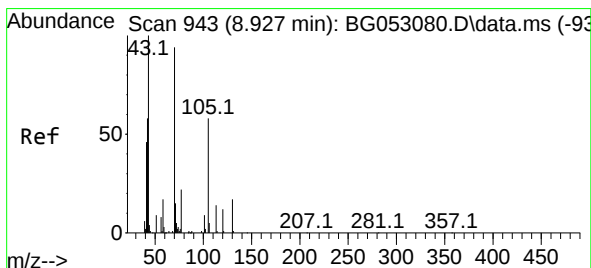
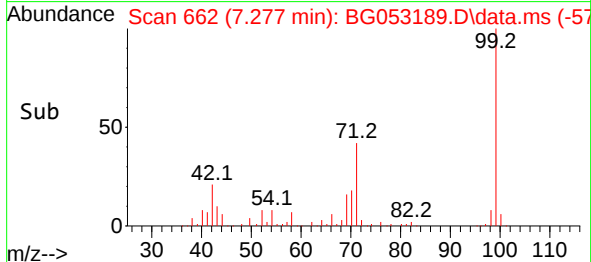
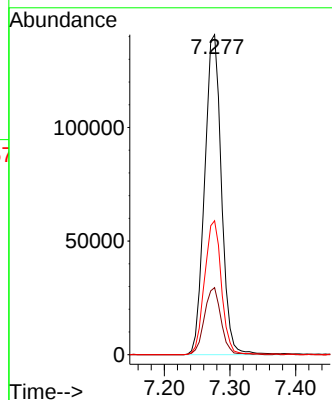
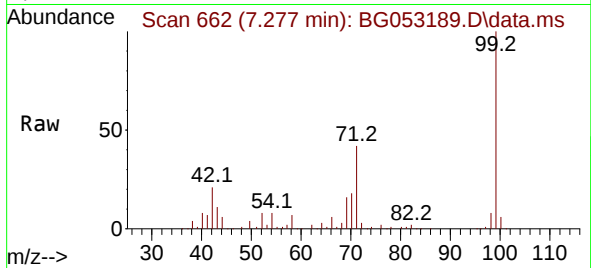




#7
Phenol-d6
Concen: 98.803 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

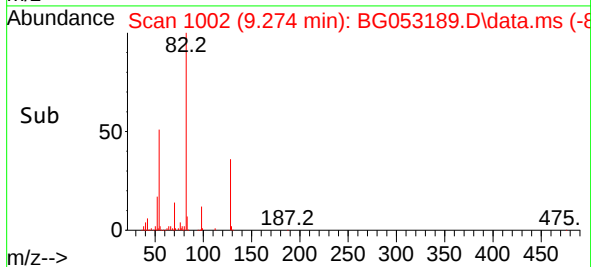
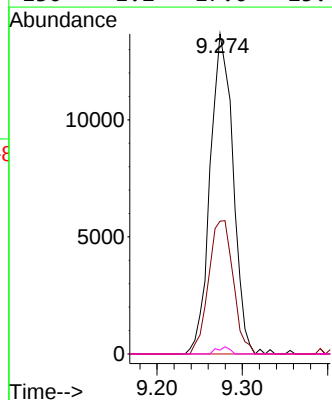
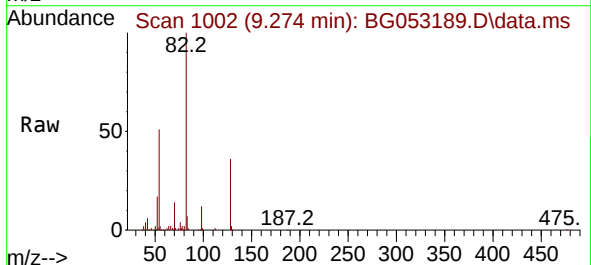
Instrument :
BNA_G
ClientSampleId :
SB-13

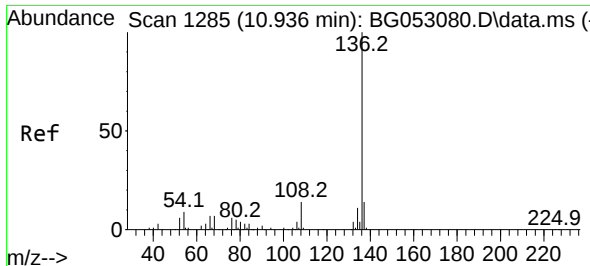
Tgt Ion: 99 Resp: 251268
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 41.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.744 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

Tgt Ion: 70 Resp: 25589
Ion Ratio Lower Upper
70 100
42 41.5 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

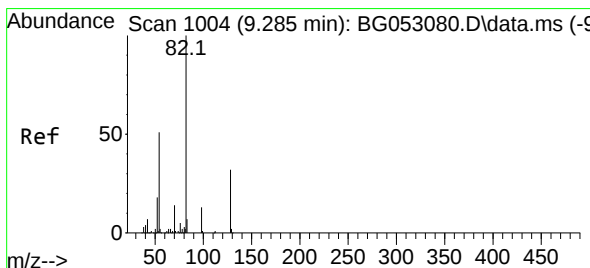
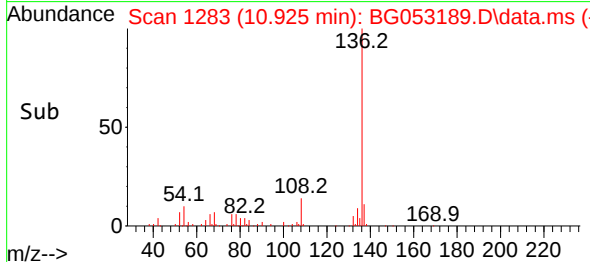
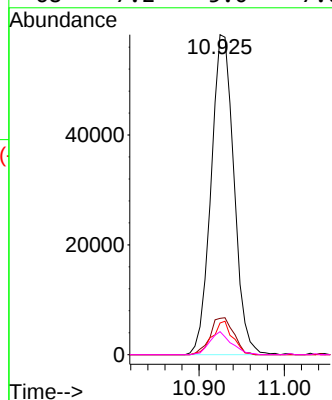
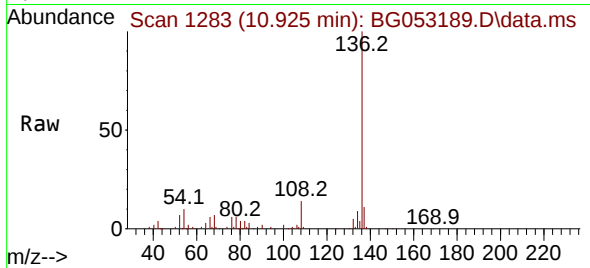




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

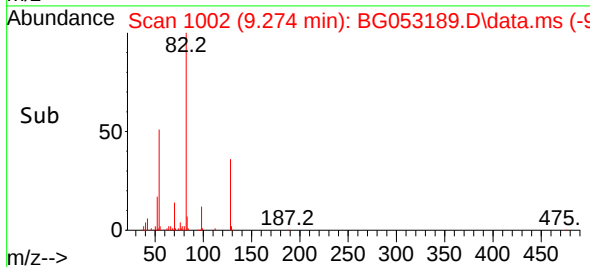
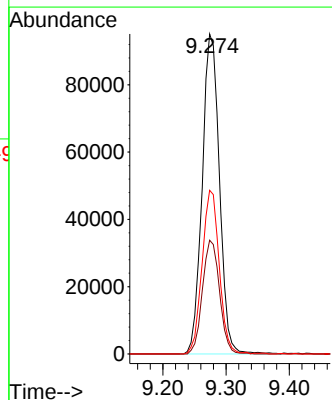
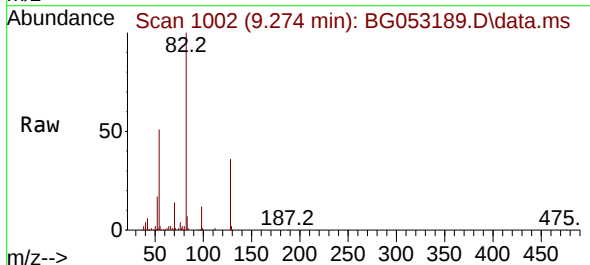
Instrument :
BNA_G
ClientSampleId :
SB-13

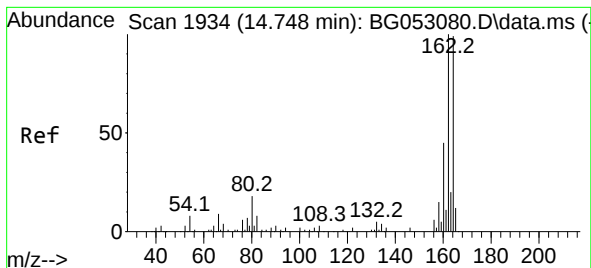
Tgt Ion:	136	Resp:	108652
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.2
54	9.9	6.4	9.6#
68	7.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 67.539 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

Tgt Ion:	82	Resp:	180731
Ion Ratio	Lower	Upper	
82	100		
128	35.5	31.3	46.9
54	51.1	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.011 min

Lab File: BG053189.D

Acq: 18 Apr 2022 20:51

Instrument :

BNA_G

ClientSampleId :

SB-13

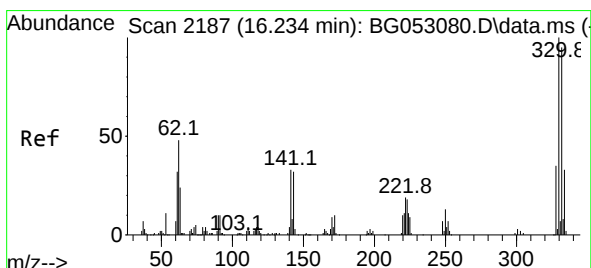
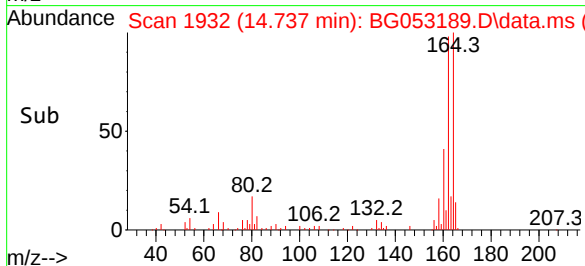
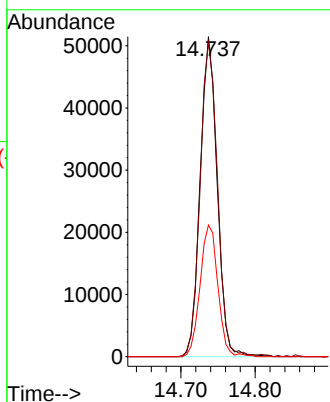
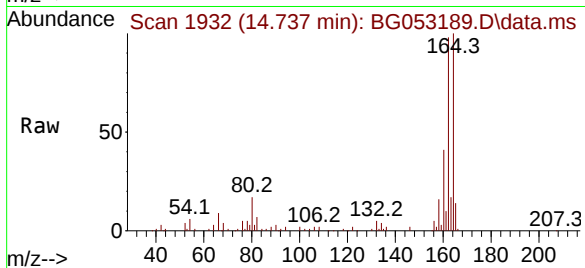
Tgt Ion:164 Resp: 81910

Ion Ratio Lower Upper

164 100

162 98.2 80.0 120.0

160 41.1 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 92.977 ng

RT: 16.223 min Scan# 2185

Delta R.T. -0.011 min

Lab File: BG053189.D

Acq: 18 Apr 2022 20:51

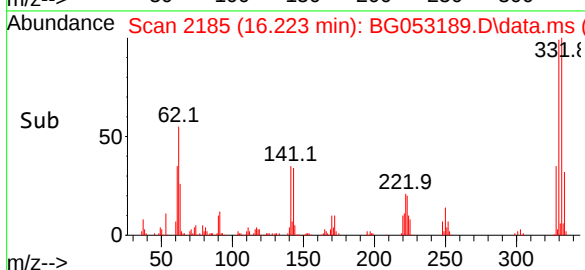
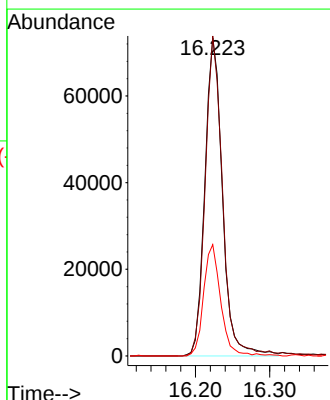
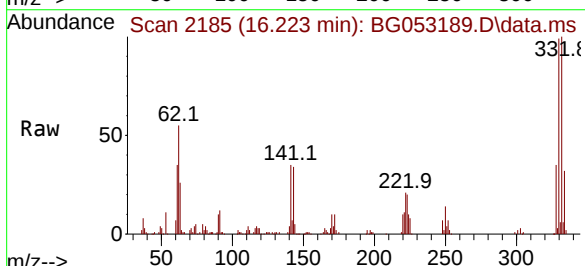
Tgt Ion:330 Resp: 121163

Ion Ratio Lower Upper

330 100

332 100.1 75.8 113.6

141 34.2 24.6 36.8

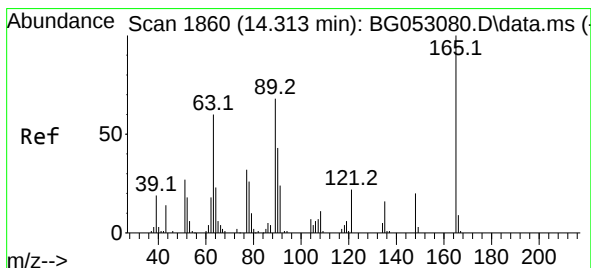
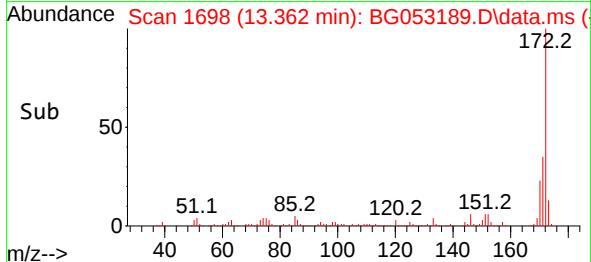
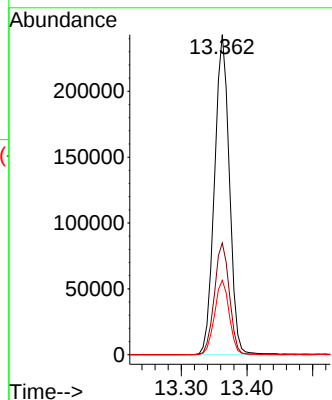
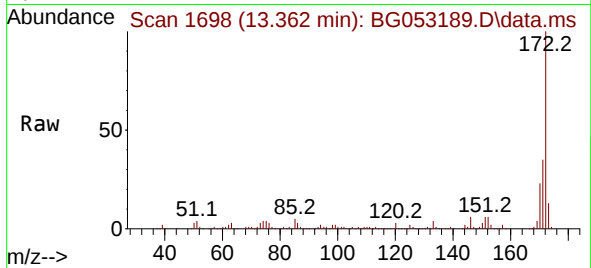




#45
2-Fluorobiphenyl
Concen: 64.249 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

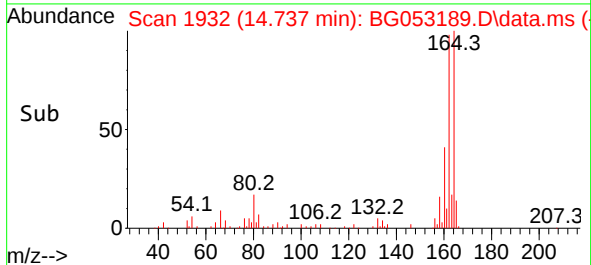
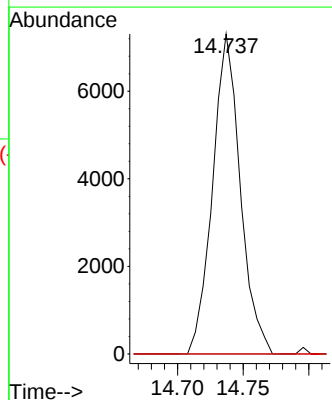
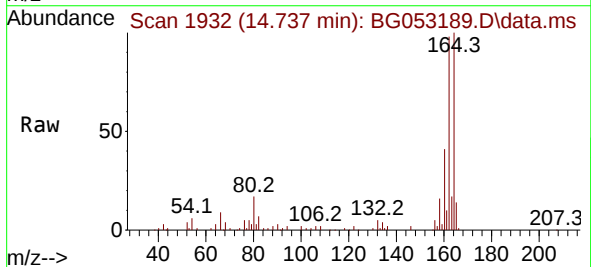
Instrument :
BNA_G
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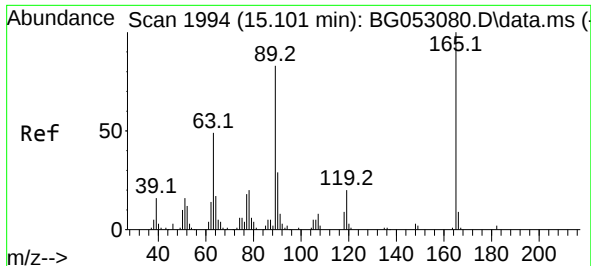
Tgt Ion:172 Resp: 381654
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.841 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

Tgt Ion:165 Resp: 10717
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: 5.508 ng

RT: 14.737 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG053189.D

Acq: 18 Apr 2022 20:51

Instrument :

BNA_G

ClientSampleId :

SB-13

Tgt Ion:165 Resp: 10717

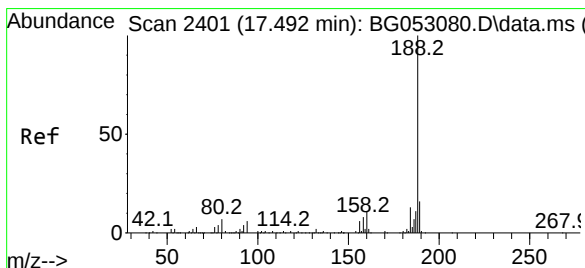
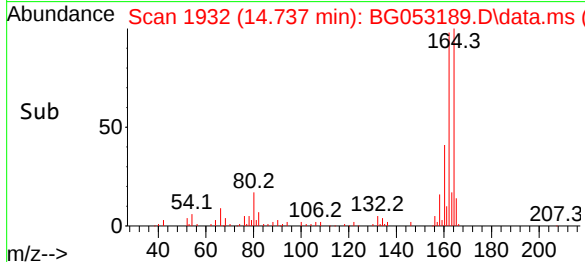
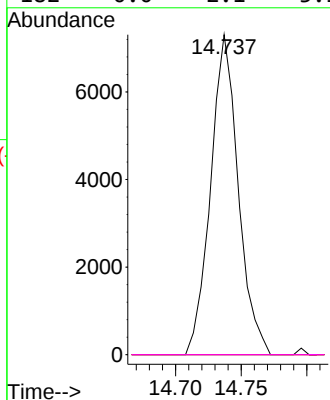
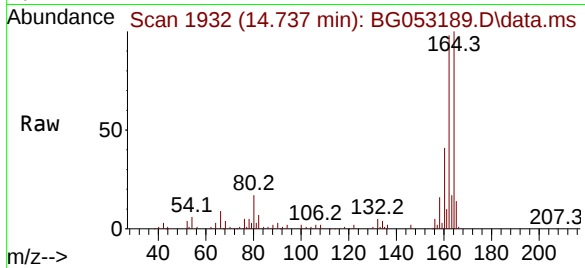
Ion Ratio Lower Upper

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: 17.480 min Scan# 2399

Delta R.T. -0.011 min

Lab File: BG053189.D

Acq: 18 Apr 2022 20:51

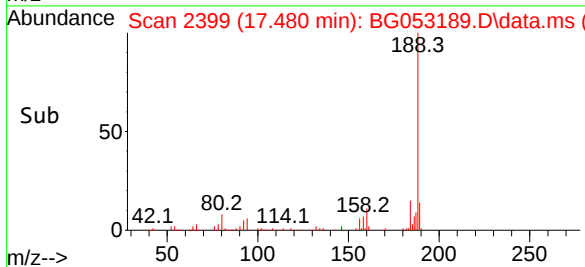
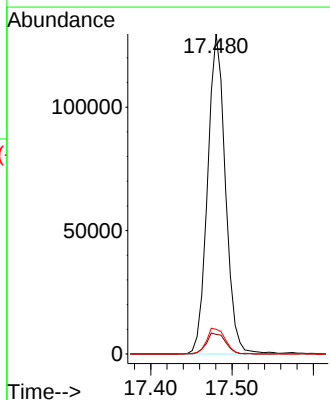
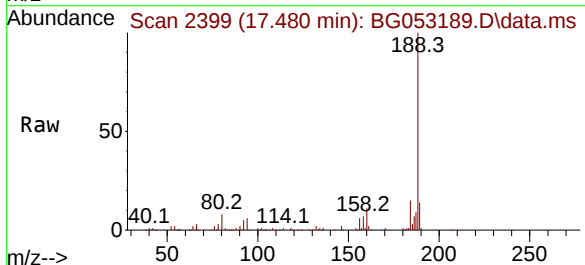
Tgt Ion:188 Resp: 197402

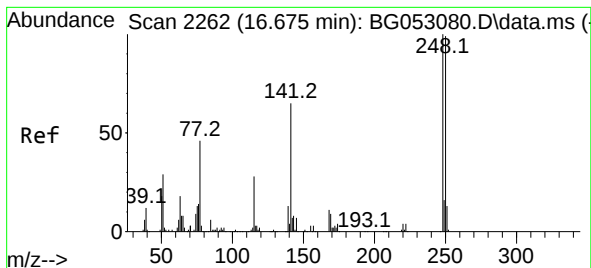
Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

80 7.7 7.2 10.8

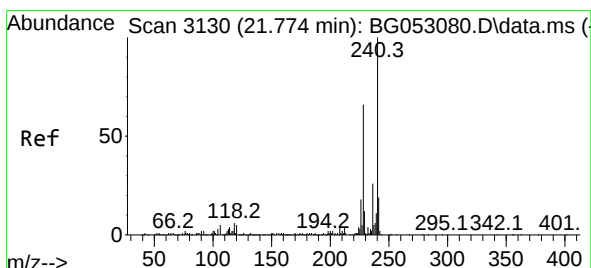
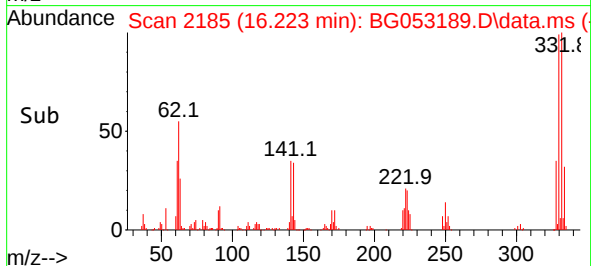
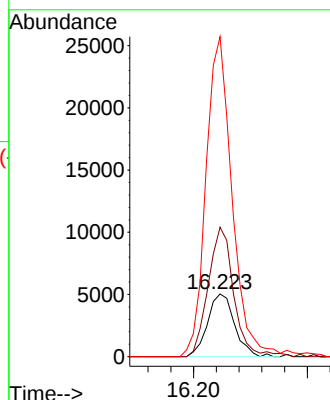
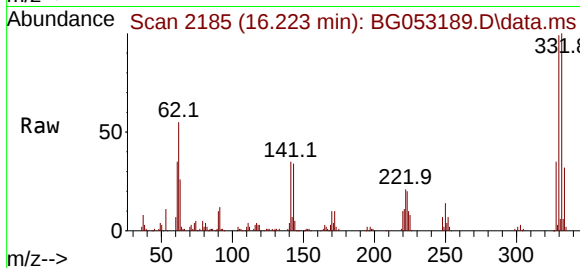




#67
4-Bromophenyl-phenylether
Concen: 3.278 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

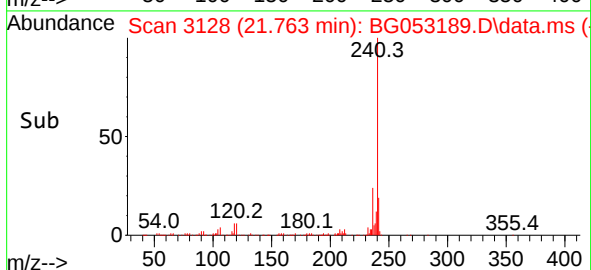
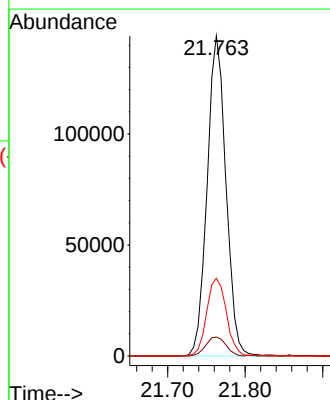
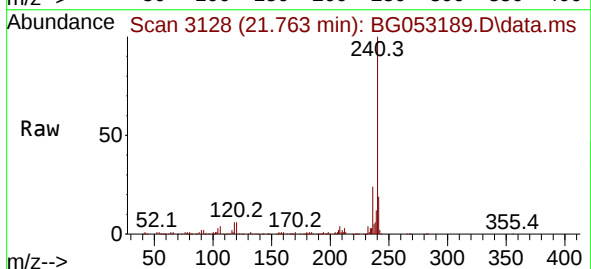
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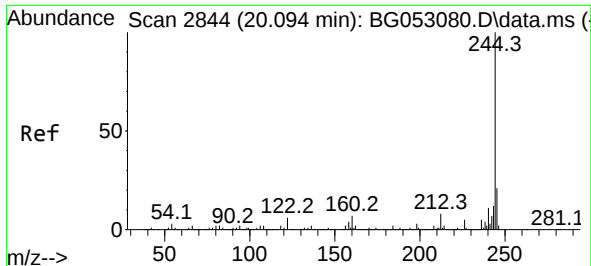
Tgt Ion:248 Resp: 8292
Ion Ratio Lower Upper
248 100
250 206.3 77.9 116.9#
141 510.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053189.D
Acq: 18 Apr 2022 20:51

Tgt Ion:240 Resp: 242406
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.3 19.8 29.6

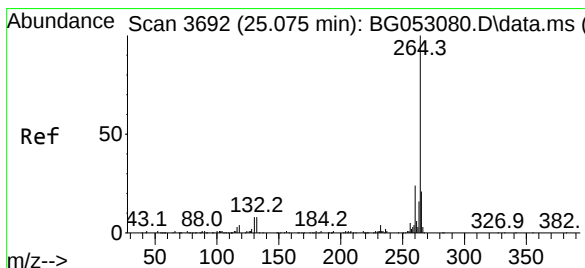
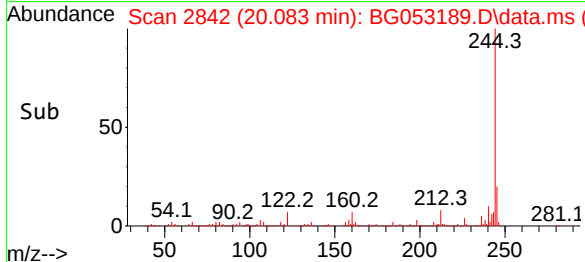
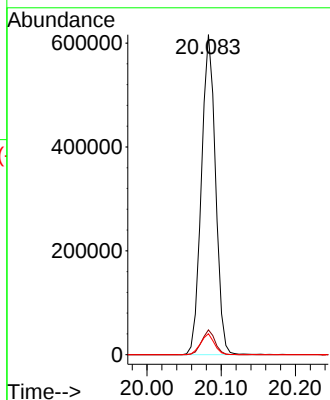
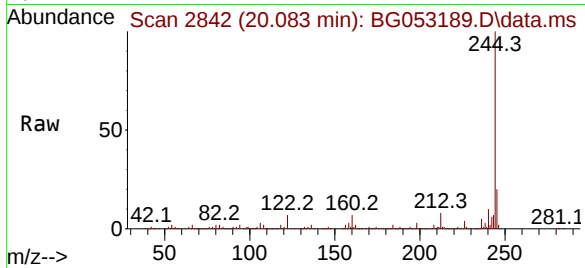




#79
 Terphenyl-d14
 Concen: 56.764 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053189.D
 Acq: 18 Apr 2022 20:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-13

Tgt Ion:244 Resp: 814727
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053189.D
 Acq: 18 Apr 2022 20:51

Tgt Ion:264 Resp: 243106
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.3 15.1 22.7

