

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053197.D
 Acq On : 19 Apr 2022 16:01
 Operator : CG/JU
 Sample : N2462-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-05

Quant Time: Apr 19 17:04:39 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)

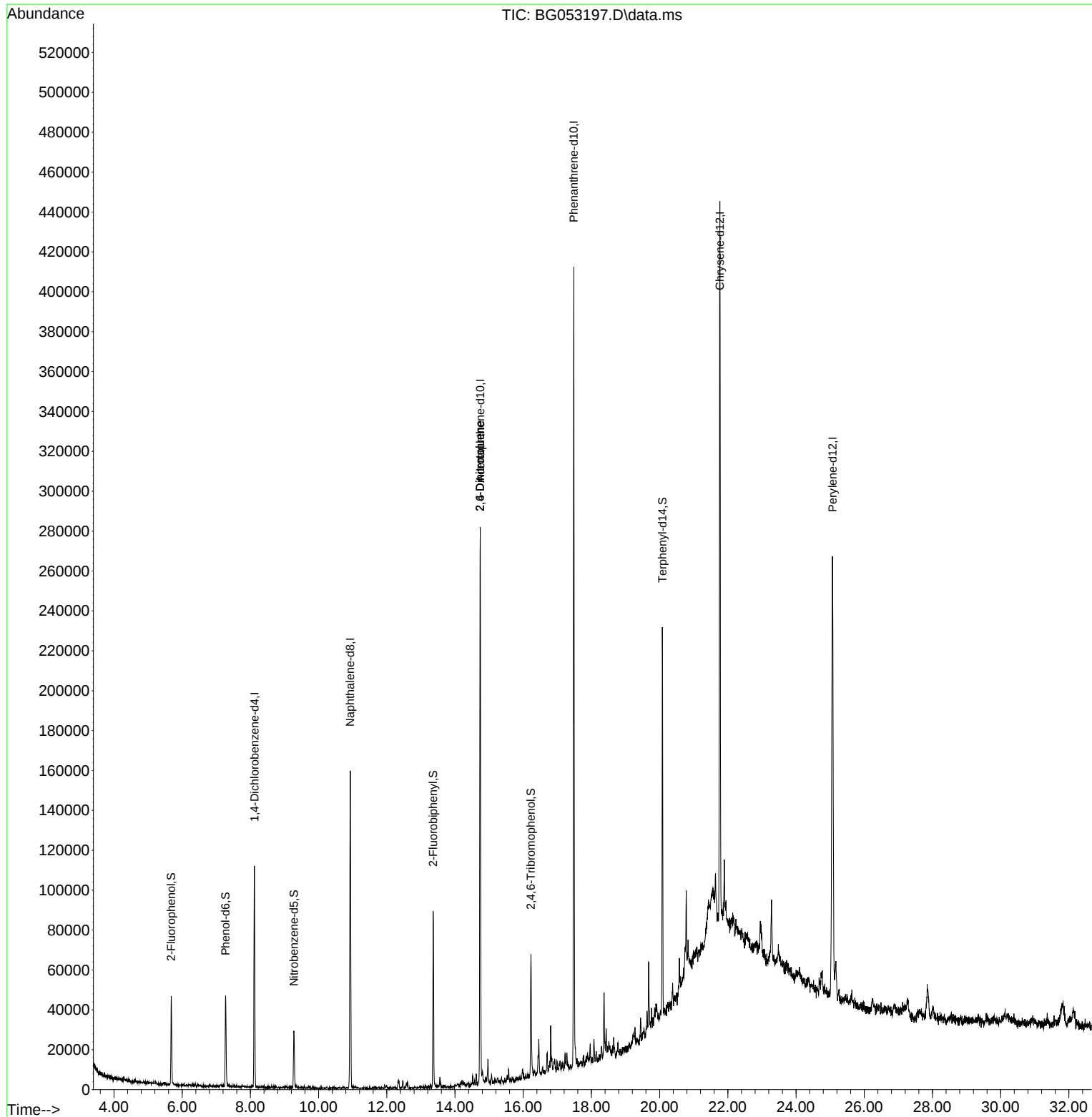
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	31970	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	133165	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	105735	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	258552	20.000	ng	0.00
76) Chrysene-d12	21.766	240	242066	20.000	ng	# 0.00
86) Perylene-d12	25.068	264	252949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	18336	9.831	ng	0.00
7) Phenol-d6	7.268	99	28782	10.007	ng	-0.01
23) Nitrobenzene-d5	9.277	82	20590	6.278	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	14412	8.567	ng	0.00
45) 2-Fluorobiphenyl	13.360	172	52500	6.847	ng	0.00
79) Terphenyl-d14	20.080	244	99245	6.924	ng	-0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.734	165	13507	7.656	ng	# 28
57) 2,4-Dinitrotoluene	14.734	165	13507	5.377	ng	# 26

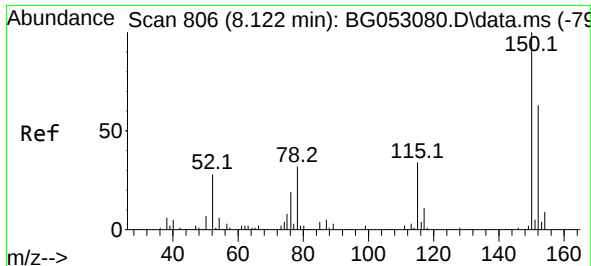
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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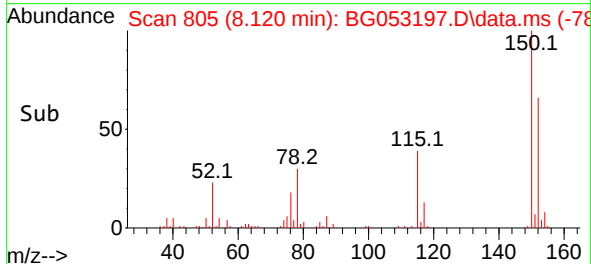
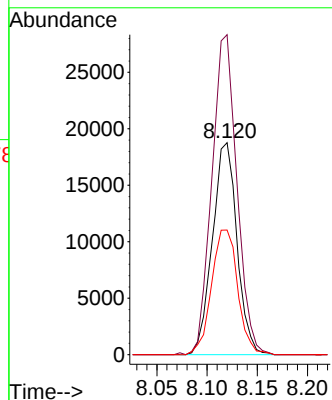
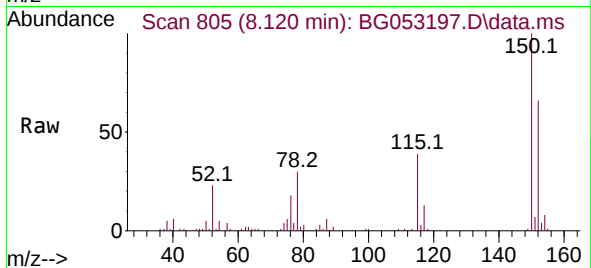




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

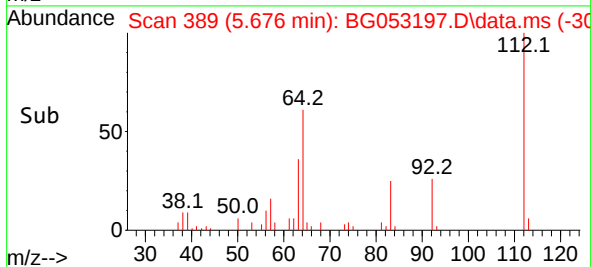
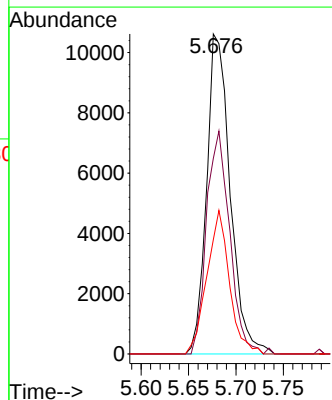
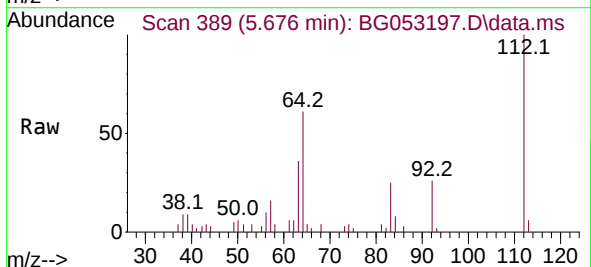
Instrument :
BNA_G
ClientSampleId :
COMP-05

Tgt Ion:152 Resp: 31970
Ion Ratio Lower Upper
152 100
150 151.0 114.6 172.0
115 58.8 45.9 68.9



#5
2-Fluorophenol
Concen: 9.831 ng
RT: 5.676 min Scan# 389
Delta R.T. -0.008 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

Tgt Ion:112 Resp: 18336
Ion Ratio Lower Upper
112 100
64 61.1 48.0 72.0
63 35.7 26.5 39.7

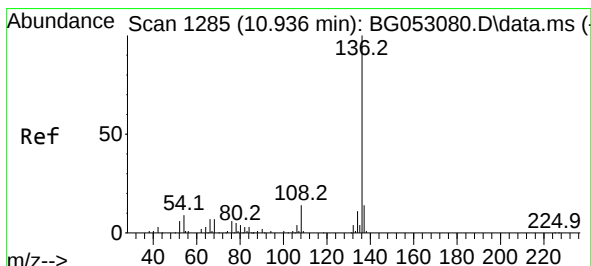
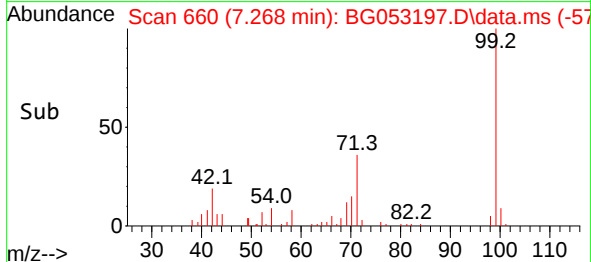
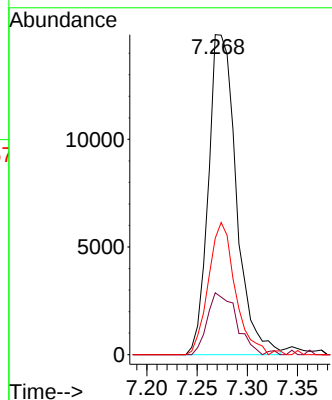
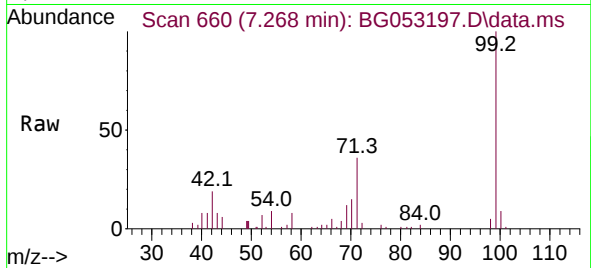




#7
Phenol-d6
Concen: 10.007 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.014 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

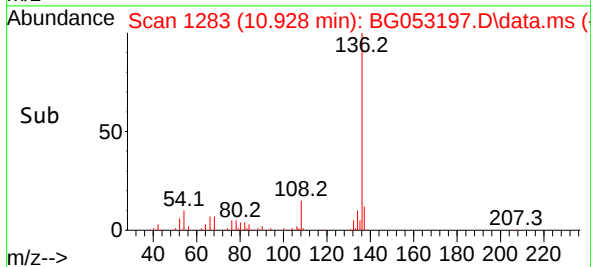
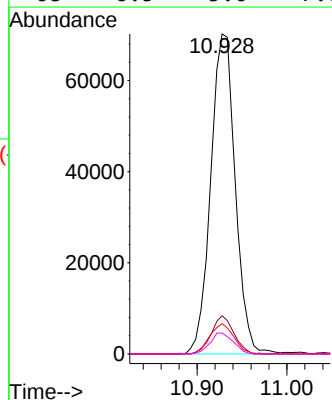
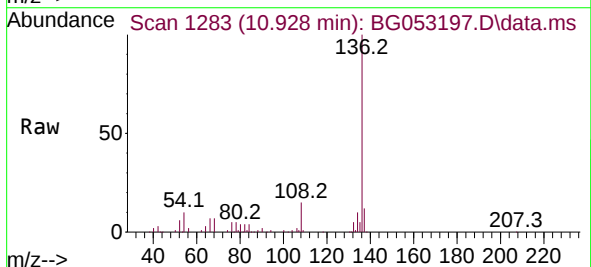
Instrument :
BNA_G
ClientSampleId :
COMP-05

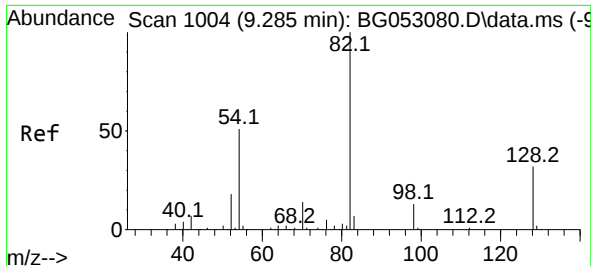
Tgt Ion: 99 Resp: 28782
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

Tgt Ion:136 Resp: 133165
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 9.5 6.4 9.6
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 6.278 ng

RT: 9.277 min Scan# 1002

Delta R.T. -0.008 min

Lab File: BG053197.D

Acq: 19 Apr 2022 16:01

Instrument :

BNA_G

ClientSampleId :

COMP-05

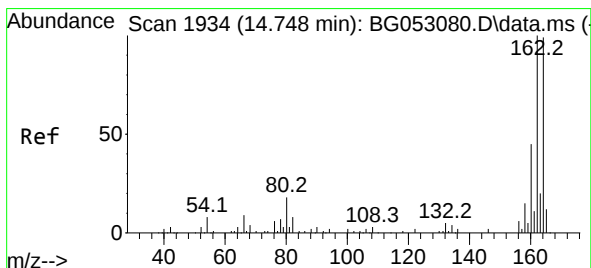
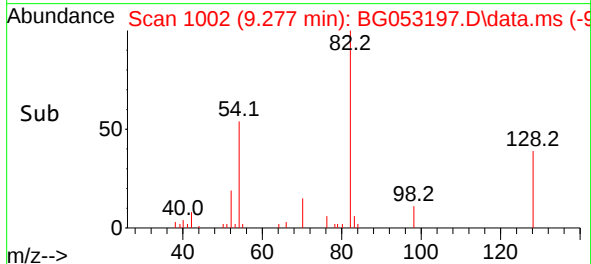
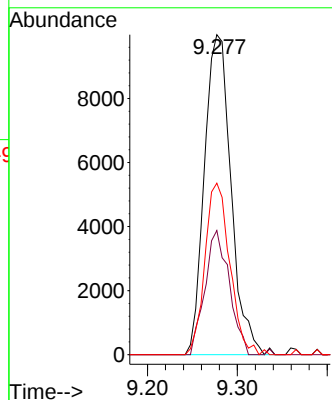
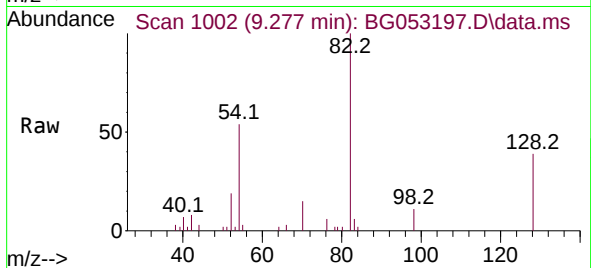
Tgt Ion: 82 Resp: 20590

Ion Ratio Lower Upper

82 100

128 38.8 31.3 46.9

54 53.6 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1932

Delta R.T. -0.008 min

Lab File: BG053197.D

Acq: 19 Apr 2022 16:01

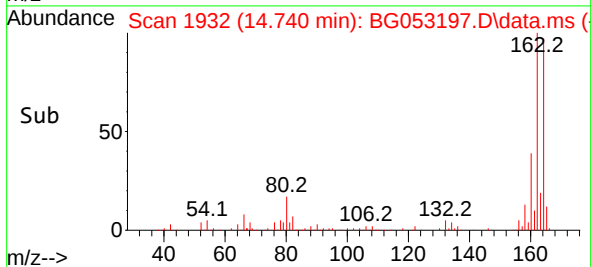
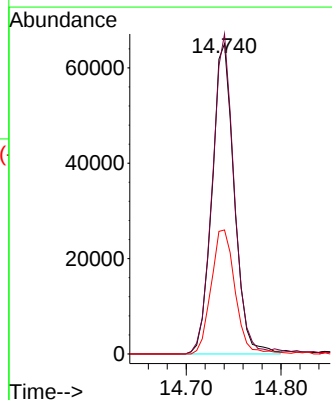
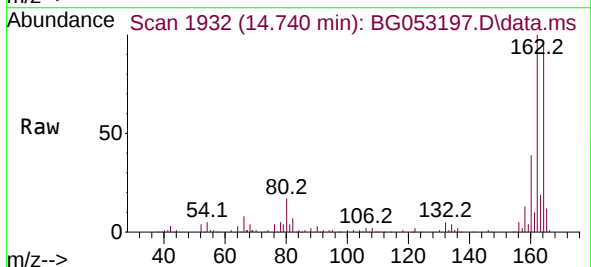
Tgt Ion:164 Resp: 105735

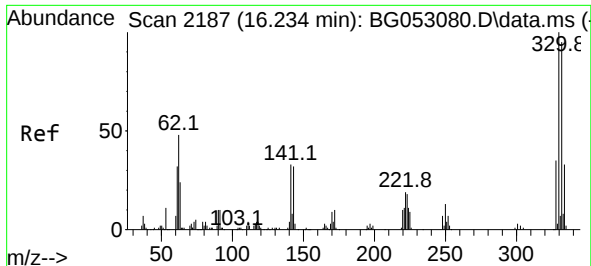
Ion Ratio Lower Upper

164 100

162 103.1 80.0 120.0

160 40.0 38.8 58.2

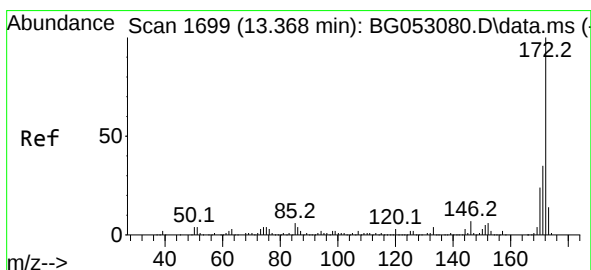
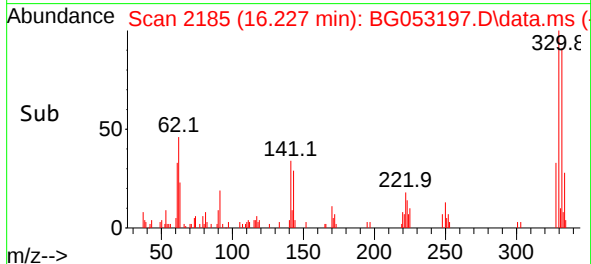
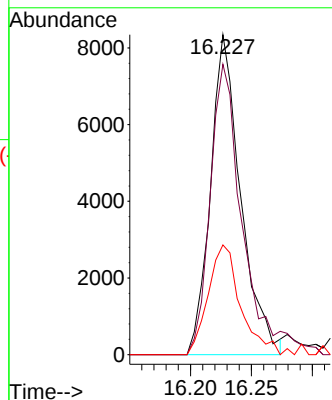
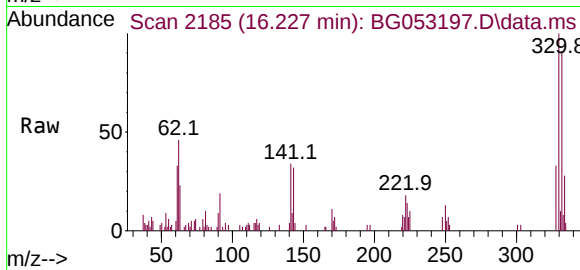




#42
2,4,6-Tribromophenol
Concen: 8.567 ng
RT: 16.227 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

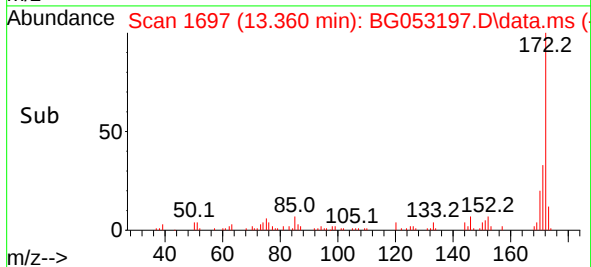
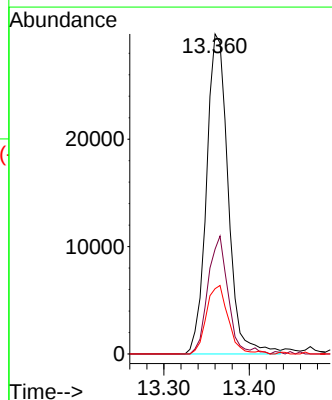
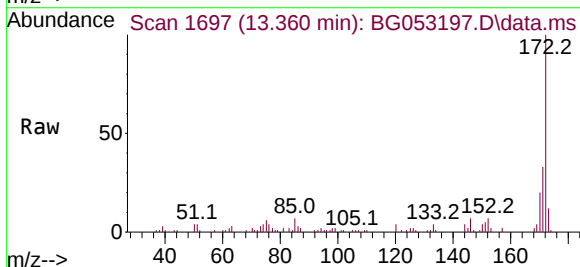
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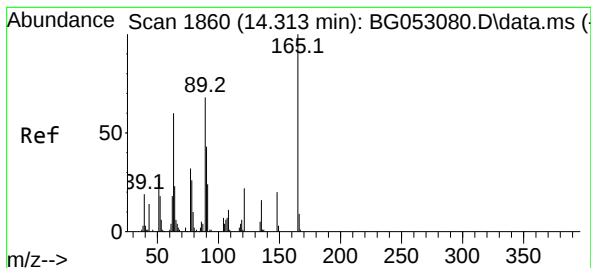
Tgt Ion:330 Resp: 14412
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 36.9 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 6.847 ng
RT: 13.360 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

Tgt Ion:172 Resp: 52500
Ion Ratio Lower Upper
172 100
171 32.8 28.3 42.5
170 20.4 18.0 27.0

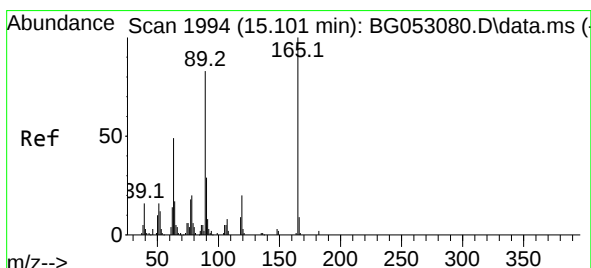
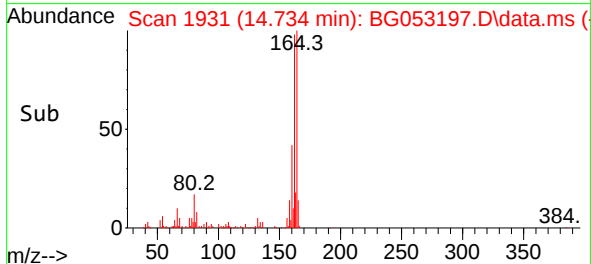
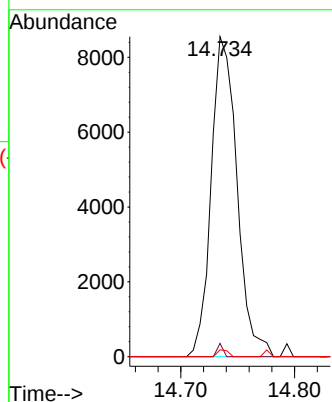
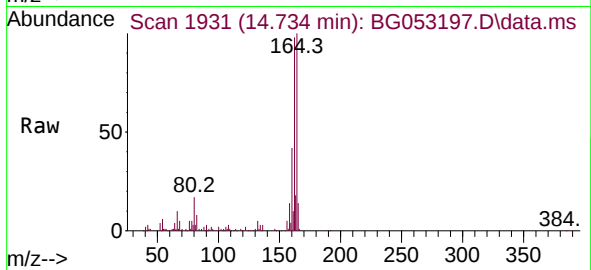




#51
2,6-Dinitrotoluene
Concen: 7.656 ng
RT: 14.734 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

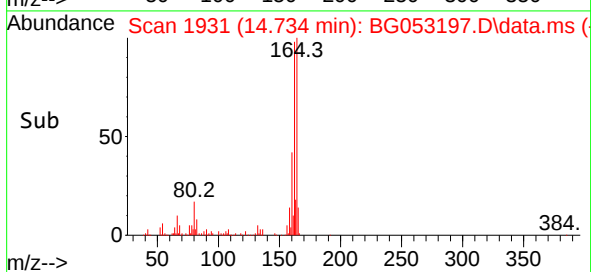
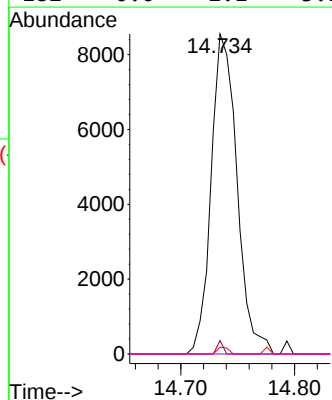
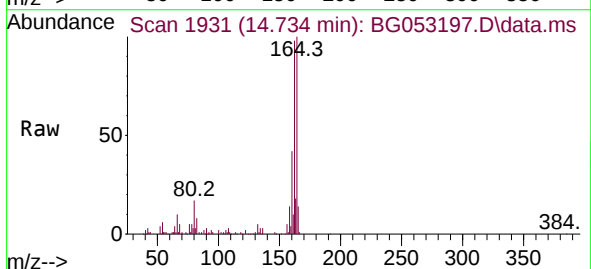
Instrument :
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COMP-05

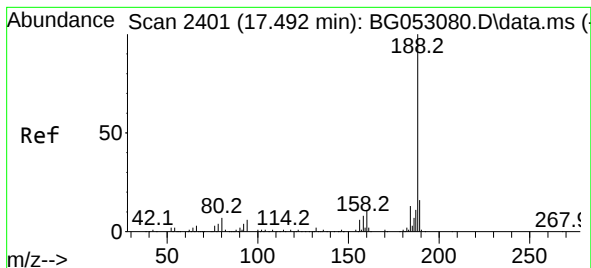
Tgt Ion:165 Resp: 13507
Ion Ratio Lower Upper
165 100
63 4.2 43.7 65.5#
89 2.1 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.377 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.366 min
Lab File: BG053197.D
Acq: 19 Apr 2022 16:01

Tgt Ion:165 Resp: 13507
Ion Ratio Lower Upper
165 100
63 4.2 34.8 52.2#
89 2.1 57.4 86.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.484 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053197.D

Acq: 19 Apr 2022 16:01

Instrument :

BNA_G

ClientSampleId :

COMP-05

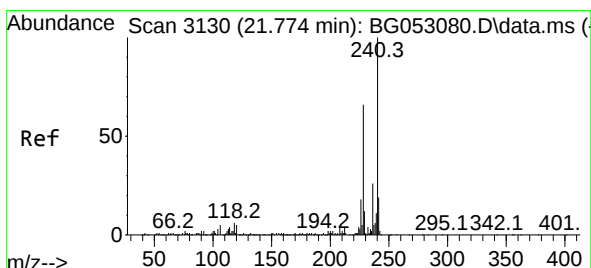
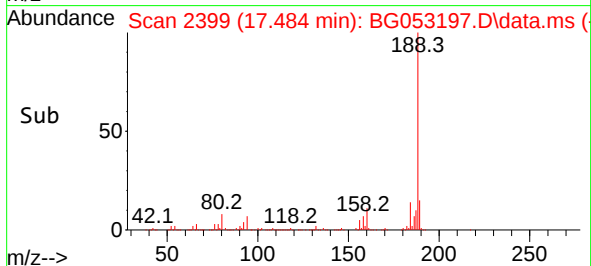
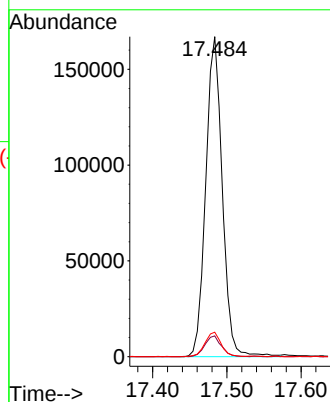
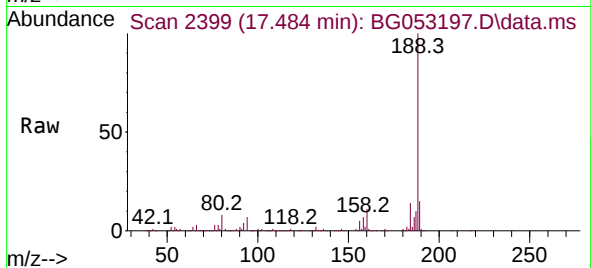
Tgt Ion:188 Resp: 258552

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 7.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.766 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BG053197.D

Acq: 19 Apr 2022 16:01

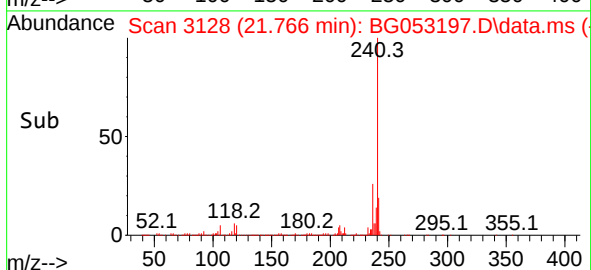
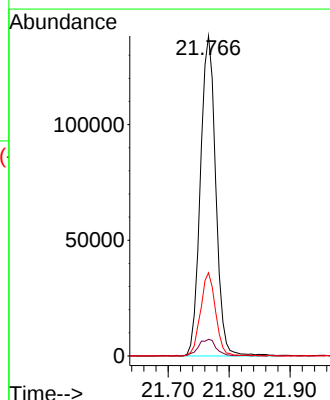
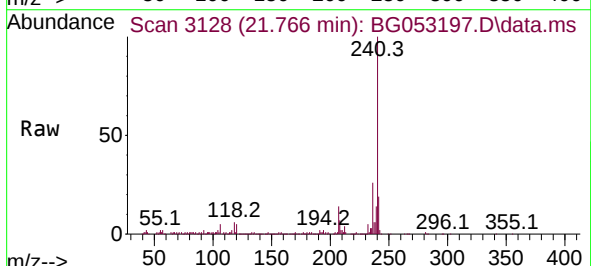
Tgt Ion:240 Resp: 242066

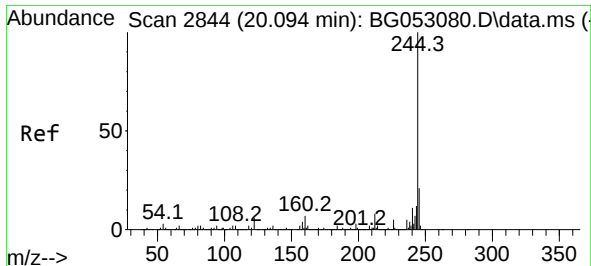
Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.0#

236 26.0 19.8 29.6

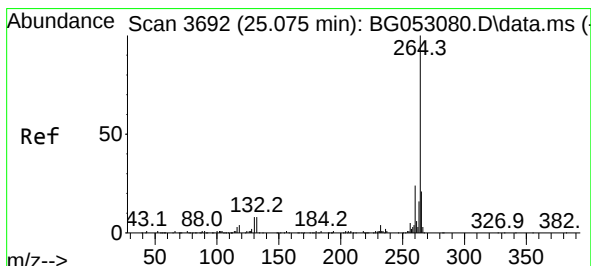
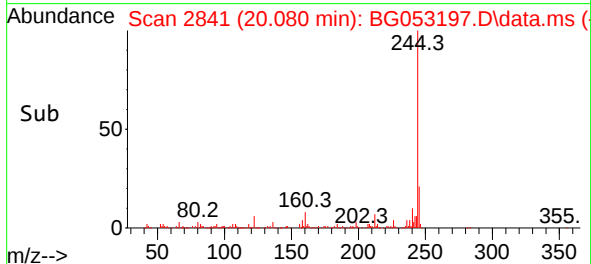
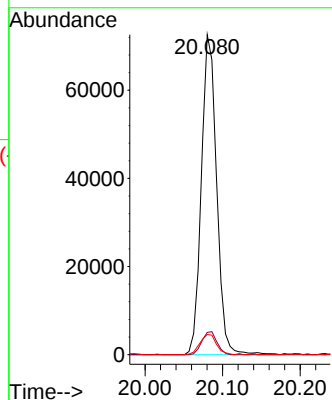
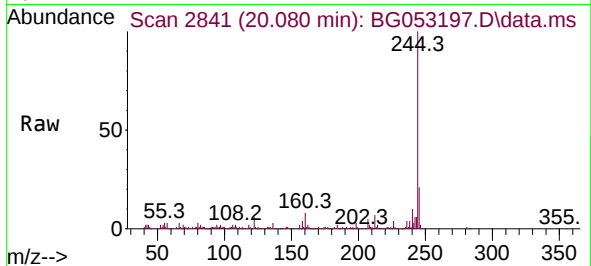




#79
 Terphenyl-d14
 Concen: 6.924 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG053197.D
 Acq: 19 Apr 2022 16:01

Instrument :
 BNA_G
 ClientSampleId :
 COMP-05

Tgt Ion:244 Resp: 99245
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.068 min Scan# 3690
 Delta R.T. -0.008 min
 Lab File: BG053197.D
 Acq: 19 Apr 2022 16:01

Tgt Ion:264 Resp: 252949
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.5 15.1 22.7

