

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053395.D
 Acq On : 2 May 2022 12:15
 Operator : CG/JU
 Sample : PB144397TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144397TB

Quant Time: May 02 16:47:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

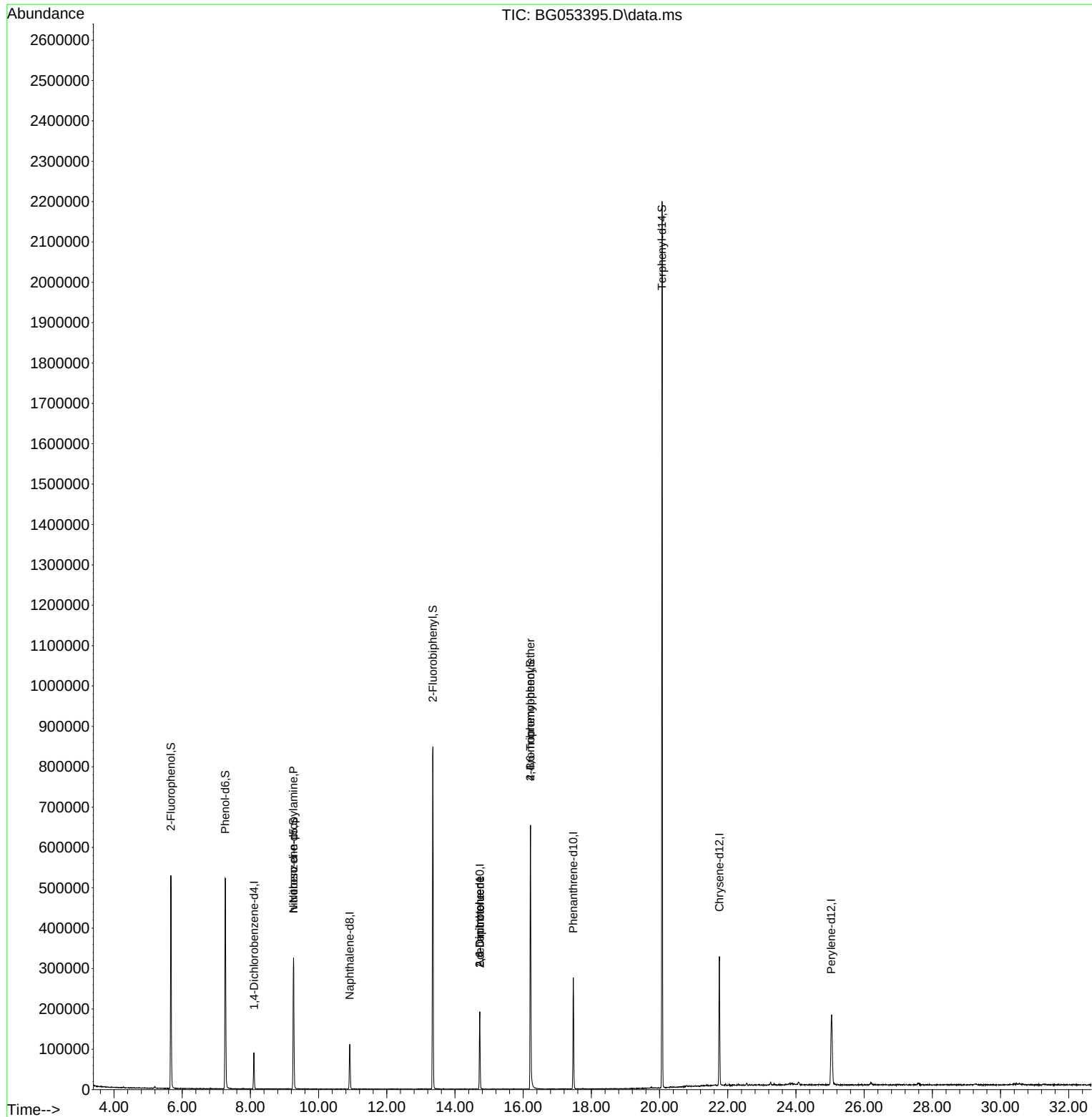
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	24795	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	96436	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	70354	20.000	ng	0.00
64) Phenanthrene-d10	17.470	188	179337	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	213232	20.000	ng	-0.01
86) Perylene-d12	25.036	264	209164	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	216157	149.438	ng	0.00
7) Phenol-d6	7.260	99	301870	135.332	ng	-0.01
23) Nitrobenzene-d5	9.263	82	215360	90.675	ng	-0.01
42) 2,4,6-Tribromophenol	16.213	330	143577	128.273	ng	-0.01
45) 2-Fluorobiphenyl	13.352	172	464047	90.951	ng	0.00
79) Terphenyl-d14	20.072	244	1081957	85.696	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	30212	18.501	ng	# 80
51) 2,6-Dinitrotoluene	14.726	165	8579	7.308	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	8579	5.133	ng	# 22
67) 4-Bromophenyl-phenylether	16.213	248	9197	4.002	ng	# 1

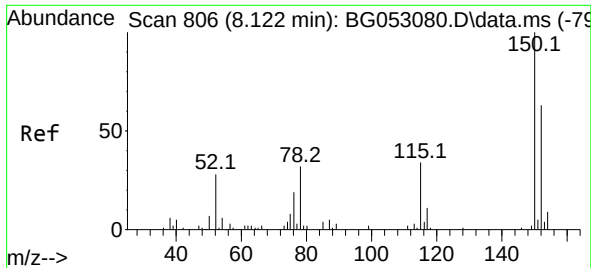
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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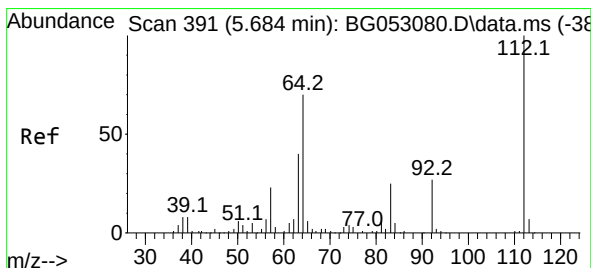
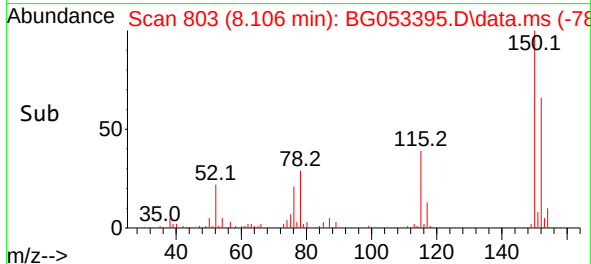
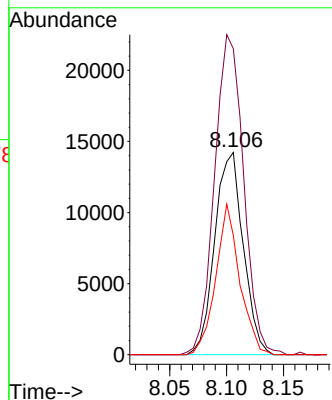
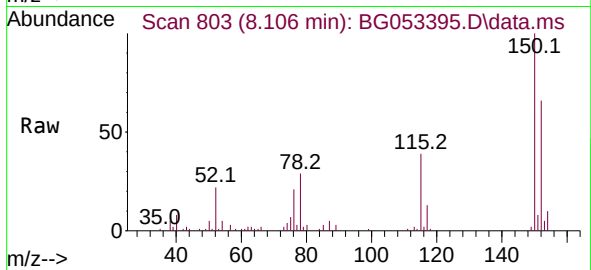




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

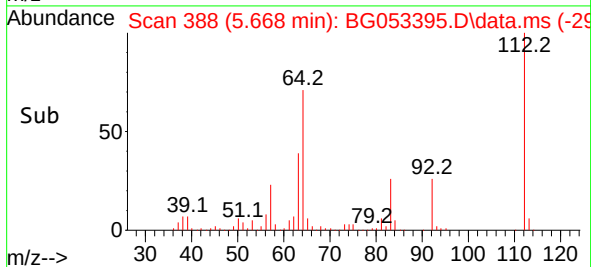
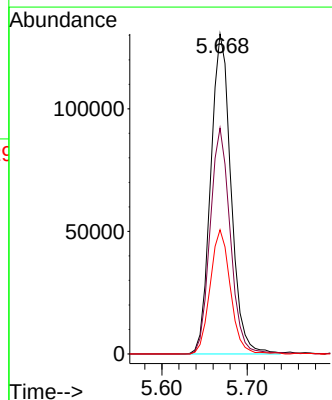
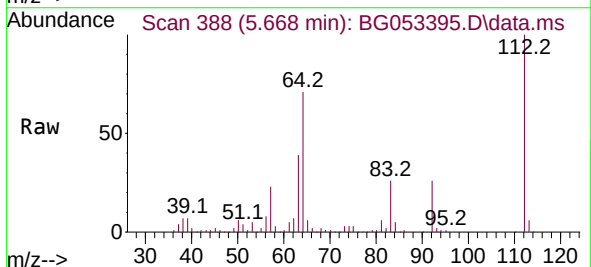
Instrument :
BNA_G
ClientSampleId :
PB144397TB

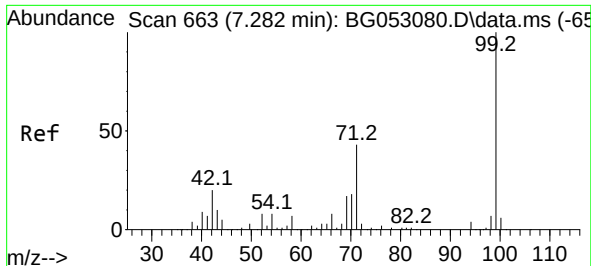
Tgt Ion:152 Resp: 24795
Ion Ratio Lower Upper
152 100
150 151.3 114.6 172.0
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 149.438 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion:112 Resp: 216157
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 38.8 26.5 39.7

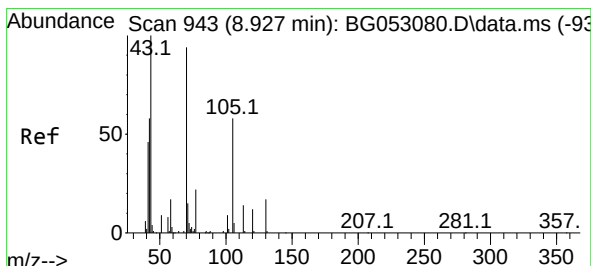
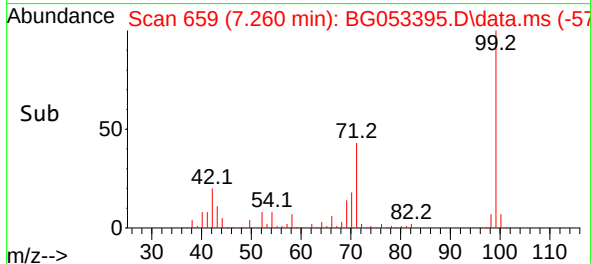
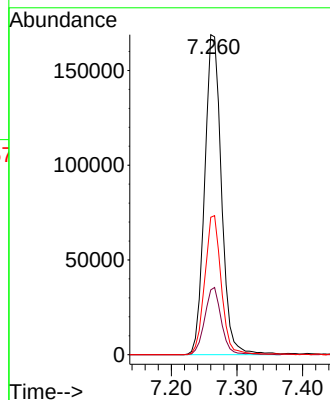
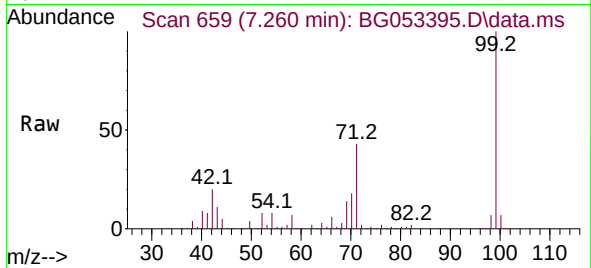




#7
Phenol-d6
Concen: 135.332 ng
RT: 7.260 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

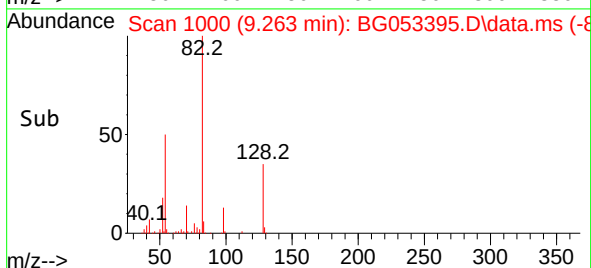
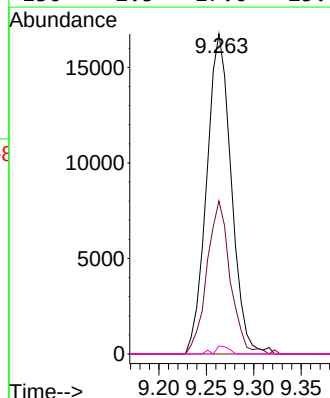
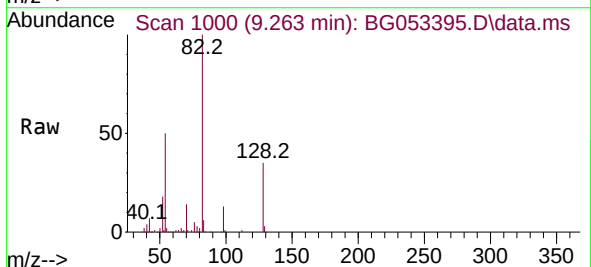
Instrument :
BNA_G
ClientSampleId :
PB144397TB

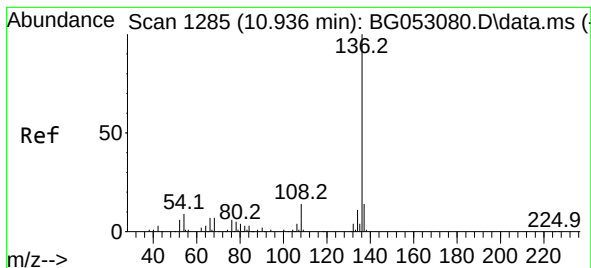
Tgt Ion: 99 Resp: 301870
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 43.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.501 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.351 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion: 70 Resp: 30212
Ion Ratio Lower Upper
70 100
42 47.8 46.0 69.0
101 0.0 6.2 9.4#
130 2.5 17.0 25.4#

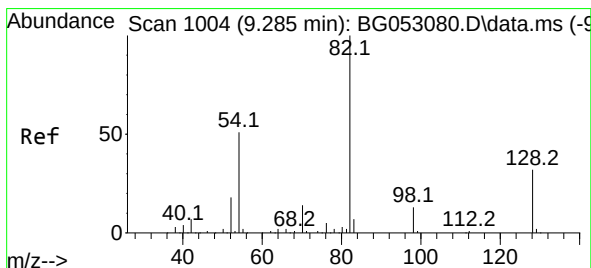
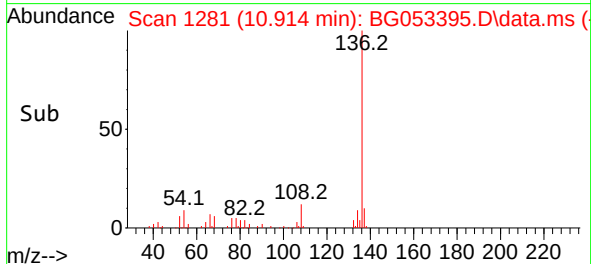
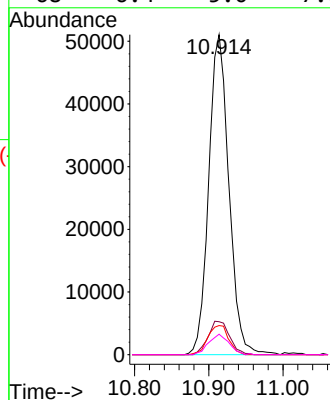
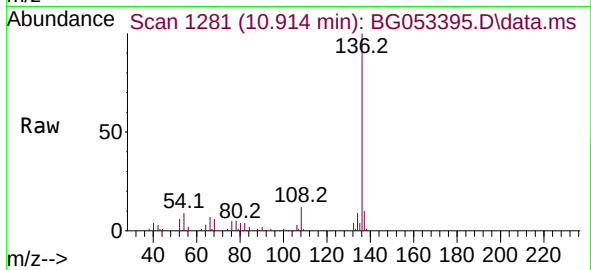




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

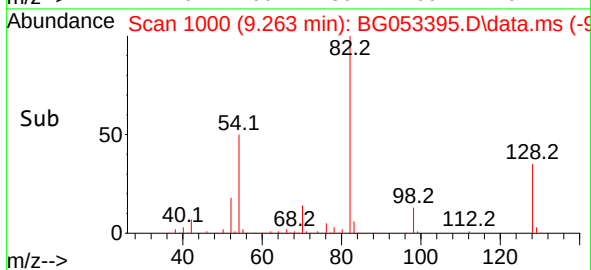
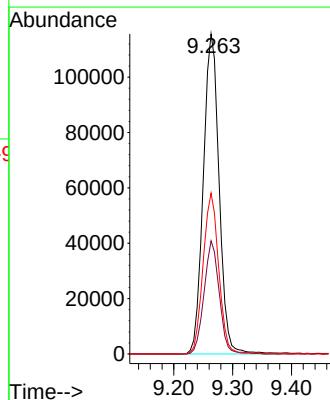
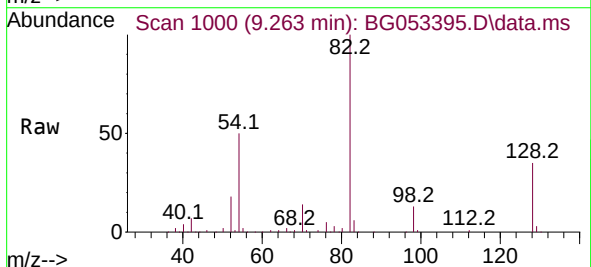
Instrument :
BNA_G
ClientSampleId :
PB144397TB

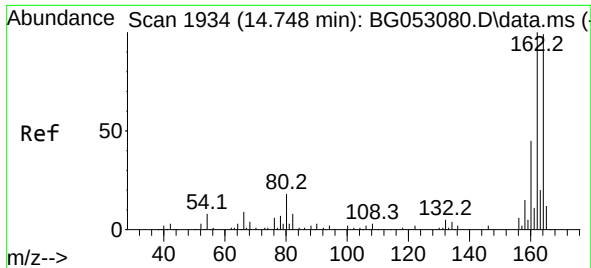
Tgt Ion:136	Resp:	96436
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.4 14.2
54	9.1	6.4 9.6
68	6.4	5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.675 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion: 82	Resp:	215360
Ion Ratio	Lower	Upper
82	100	
128	35.4	31.3 46.9
54	50.3	37.8 56.8

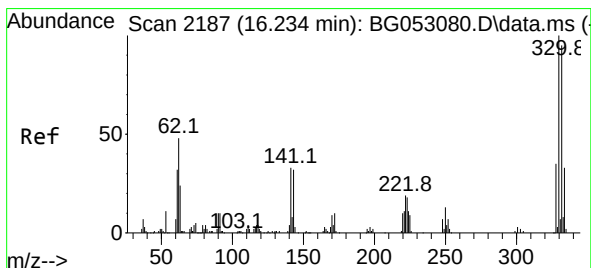
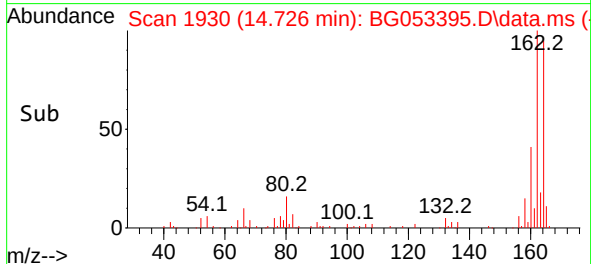
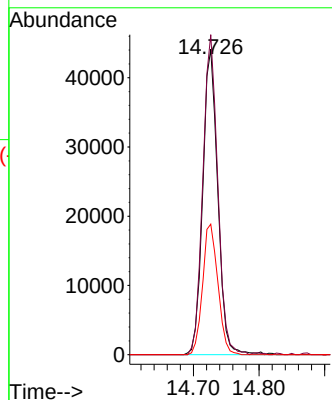
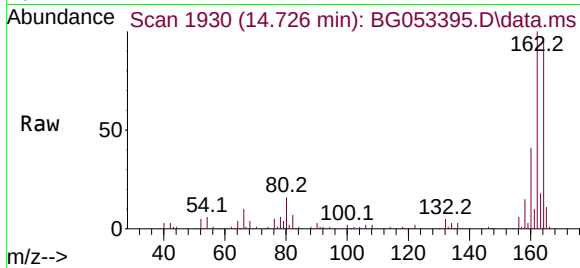




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

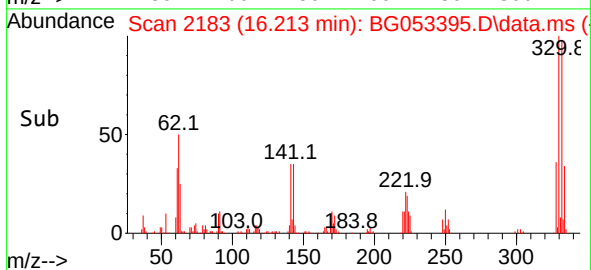
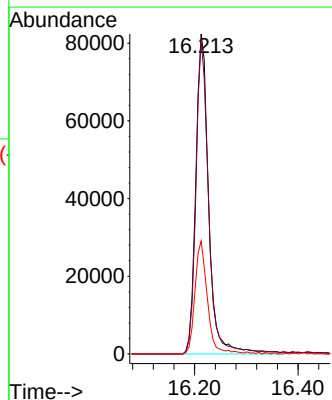
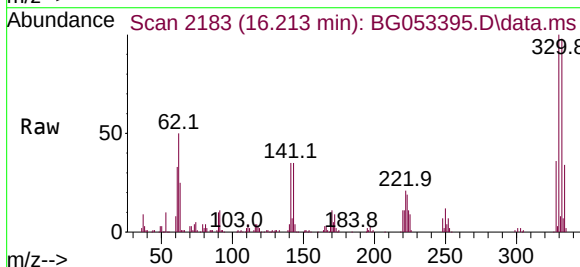
Instrument :
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ClientSampleId :
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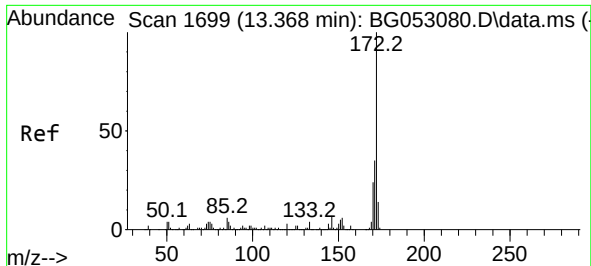
Tgt Ion:164 Resp: 70354
Ion Ratio Lower Upper
164 100
162 104.8 80.0 120.0
160 42.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 128.273 ng
RT: 16.213 min Scan# 2183
Delta R.T. -0.013 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion:330 Resp: 143577
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 33.6 24.6 36.8

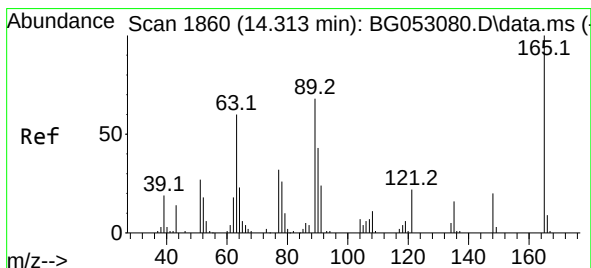
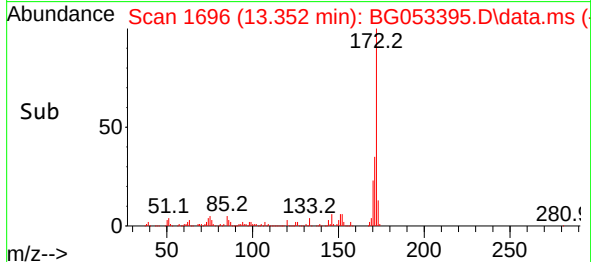
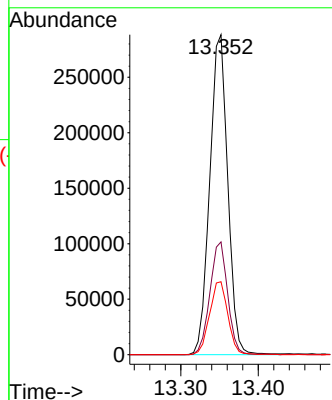
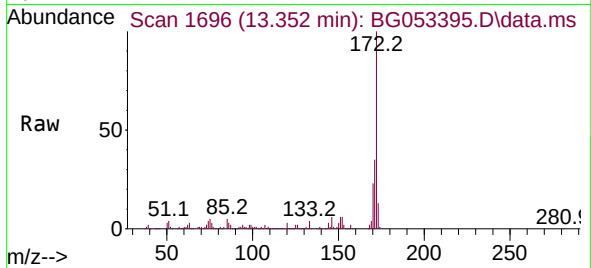




#45
2-Fluorobiphenyl
Concen: 90.951 ng
RT: 13.352 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

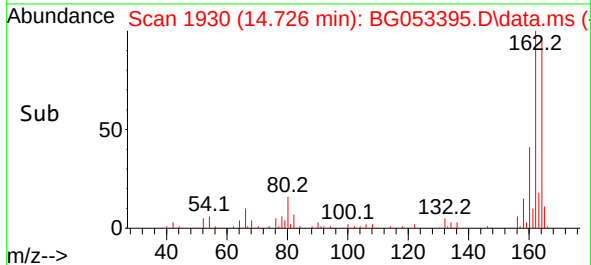
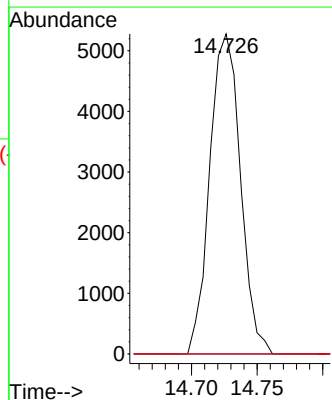
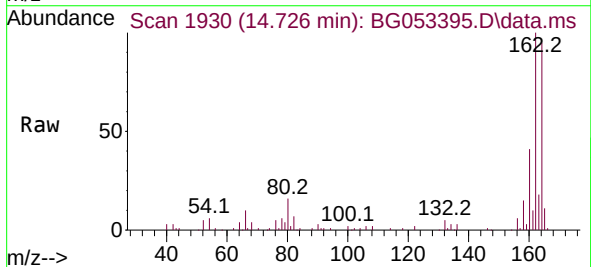
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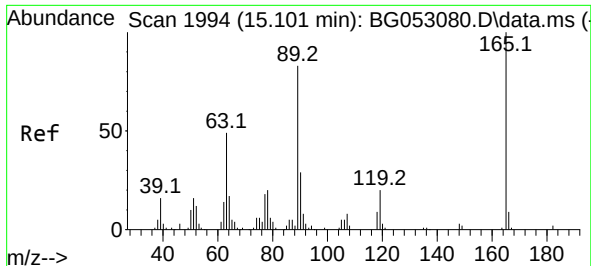
Tgt Ion:172 Resp: 464047
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.308 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion:165 Resp: 8579
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: 5.133 ng

RT: 14.726 min Scan# 1994

Delta R.T. -0.366 min

Lab File: BG053395.D

Acq: 2 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144397TB

Tgt Ion:165 Resp: 8579

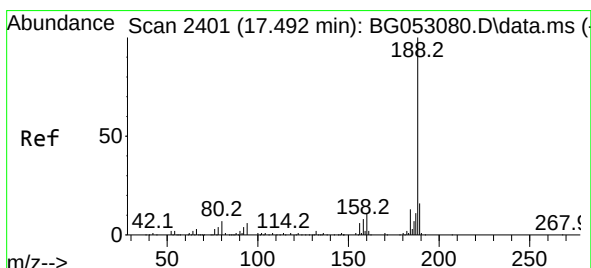
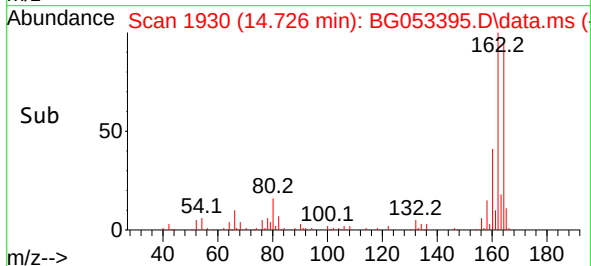
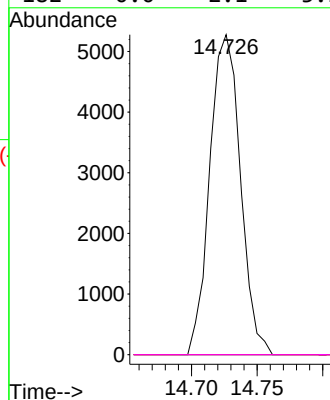
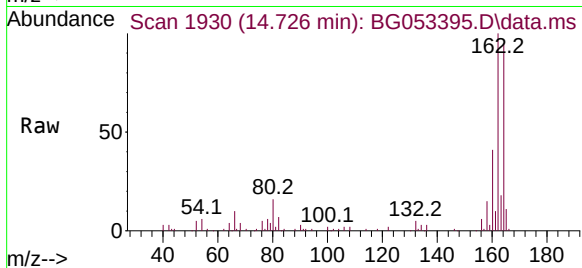
Ion Ratio Lower Upper

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: 17.470 min Scan# 2397

Delta R.T. -0.013 min

Lab File: BG053395.D

Acq: 2 May 2022 12:15

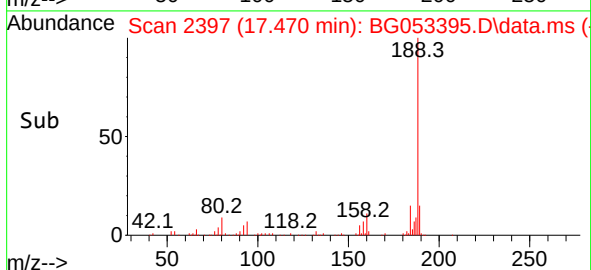
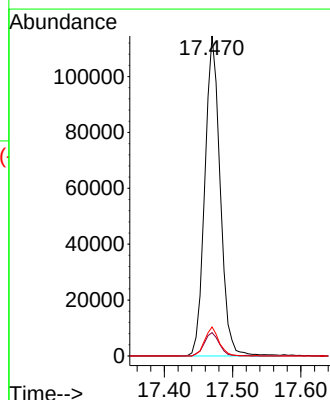
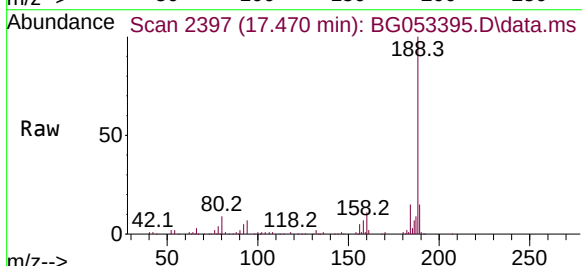
Tgt Ion:188 Resp: 179337

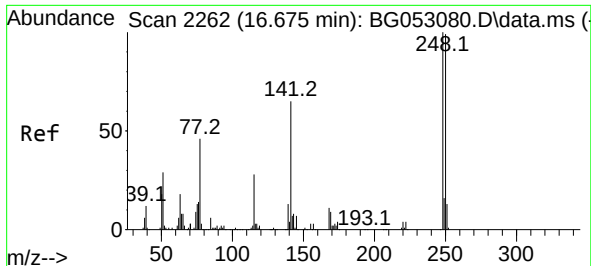
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 9.0 7.2 10.8

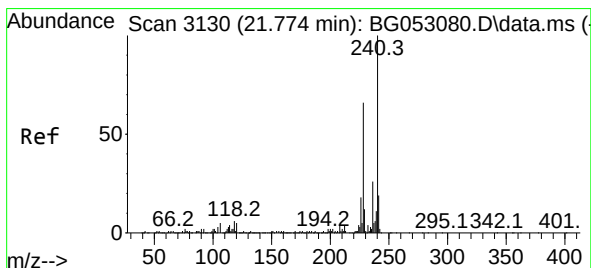
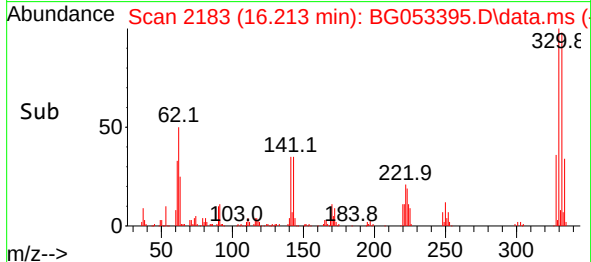
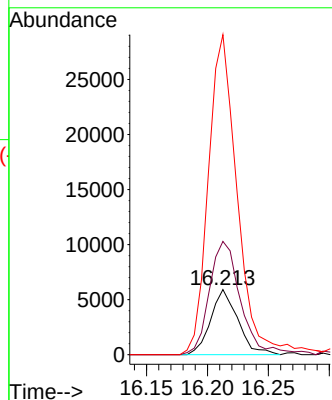
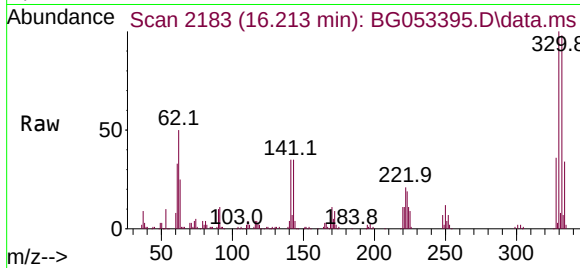




#67
4-Bromophenyl-phenylether
Concen: 4.002 ng
RT: 16.213 min Scan# 2118
Delta R.T. -0.448 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

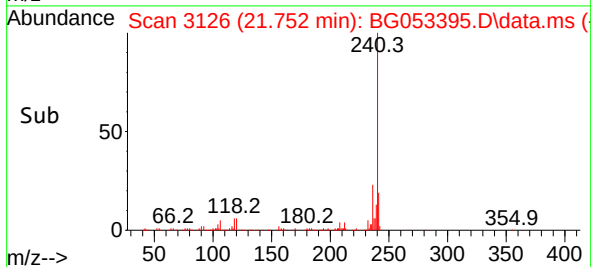
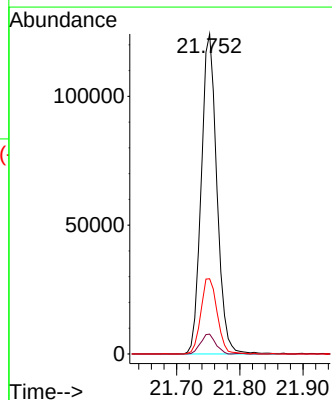
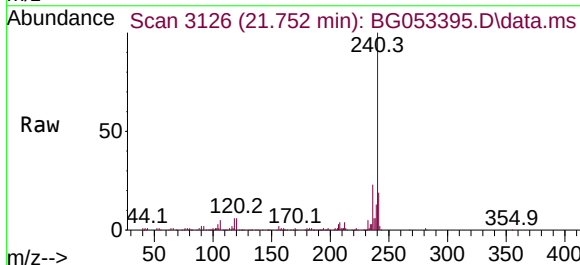
Instrument :
BNA_G
ClientSampleId :
PB144397TB

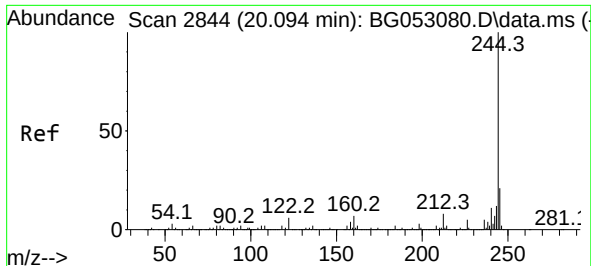
Tgt Ion:248 Resp: 9197
Ion Ratio Lower Upper
248 100
250 173.7 77.9 116.9#
141 490.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053395.D
Acq: 2 May 2022 12:15

Tgt Ion:240 Resp: 213232
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 23.5 19.8 29.6

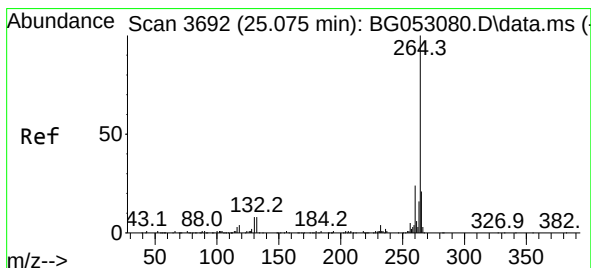
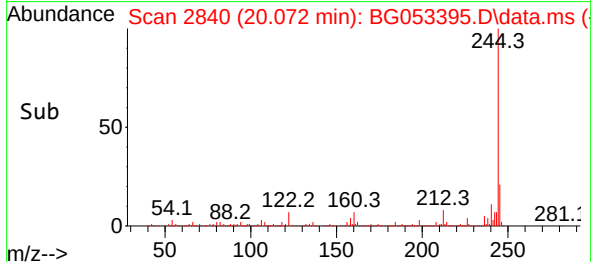
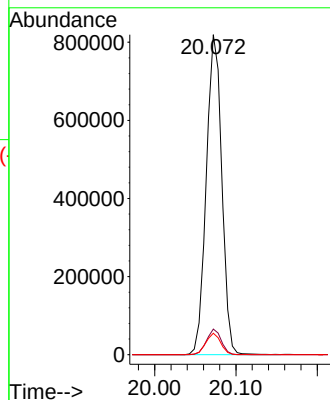
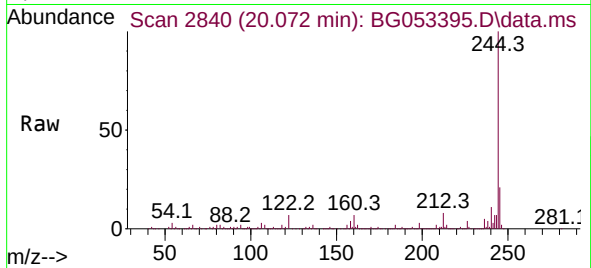




#79
 Terphenyl-d14
 Concen: 85.696 ng
 RT: 20.072 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG053395.D
 Acq: 2 May 2022 12:15

Instrument :
 BNA_G
 ClientSampleId :
 PB144397TB

Tgt Ion:244 Resp: 1081957
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.036 min Scan# 3685
 Delta R.T. -0.025 min
 Lab File: BG053395.D
 Acq: 2 May 2022 12:15

Tgt Ion:264 Resp: 209164
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.0 15.1 22.7

