

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053798.D
 Acq On : 2 Jun 2022 19:37
 Operator : CG/JU
 Sample : N2984-15RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P020-SS001-2430-01RE

Quant Time: Jun 03 02:27:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

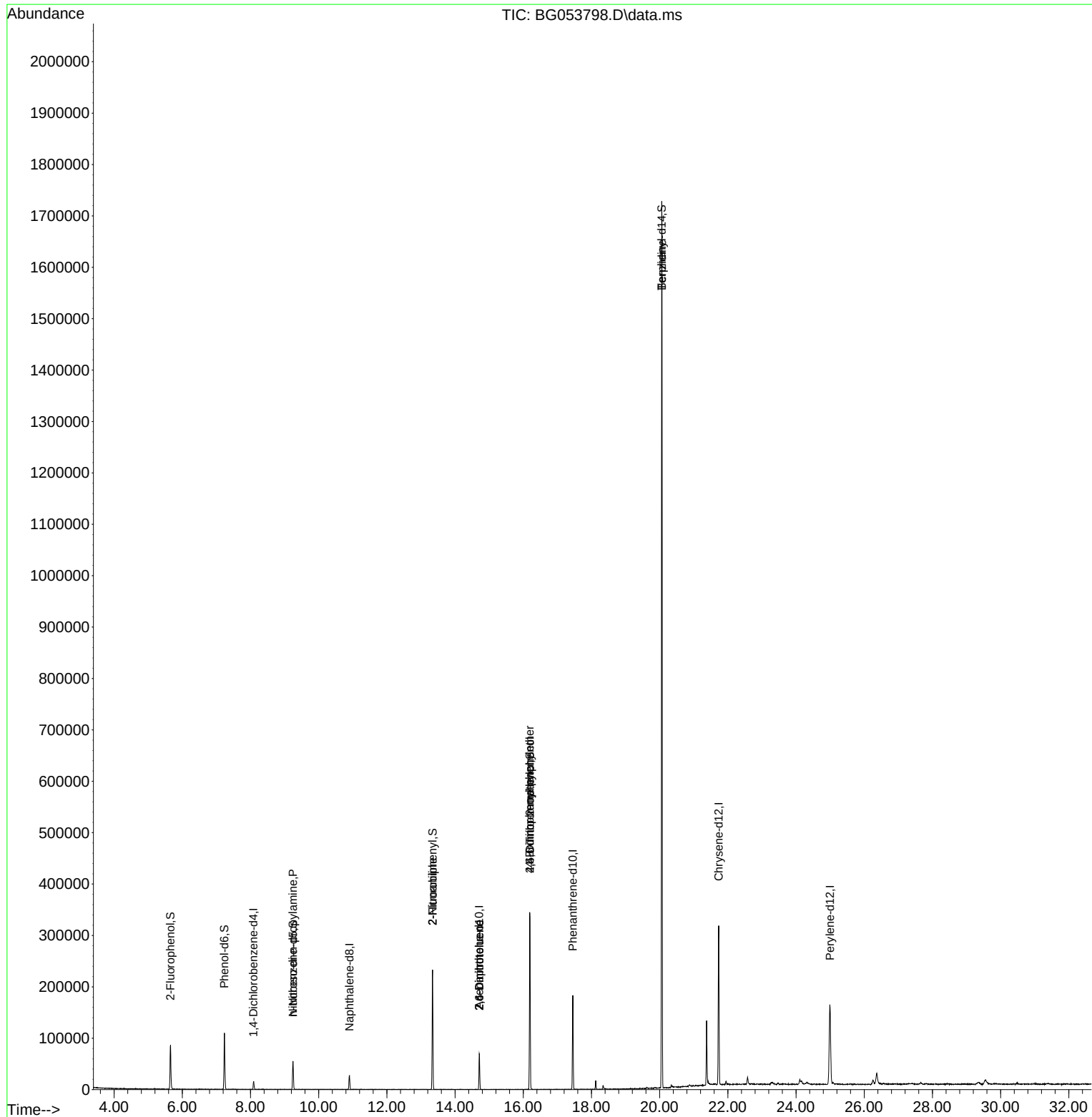
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	5313	20.000	ng	# 0.00
21) Naphthalene-d8	10.903	136	25937	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	27351	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	121586	20.000	ng	0.00
76) Chrysene-d12	21.731	240	205235	20.000	ng	0.00
86) Perylene-d12	24.992	264	184114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	42933	148.391	ng	0.00
7) Phenol-d6	7.236	99	64297	164.057	ng	0.00
23) Nitrobenzene-d5	9.246	82	33781	85.528	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	74070	223.101	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	129978	71.094	ng	0.00
79) Terphenyl-d14	20.062	244	947567	91.851	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	4589	16.532	ng	# 77
48) 2-Nitroaniline	13.341	65	64	5.189	ng	# 1
51) 2,6-Dinitrotoluene	14.716	165	3744	13.581	ng	# 16
57) 2,4-Dinitrotoluene	14.716	165	3744	11.343	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	59	5.715	ng	# 1
67) 4-Bromophenyl-phenylether	16.190	248	4950	3.747	ng	# 1
77) Benzidine	20.068	184	13720	2.734	ng	# 93

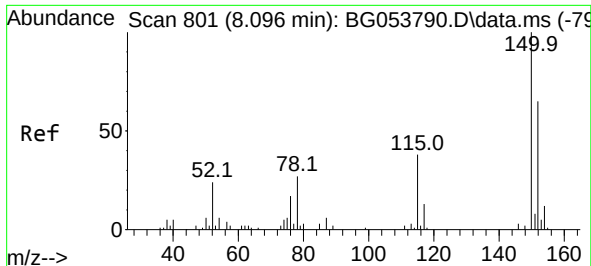
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
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P020-SS001-2430-01RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

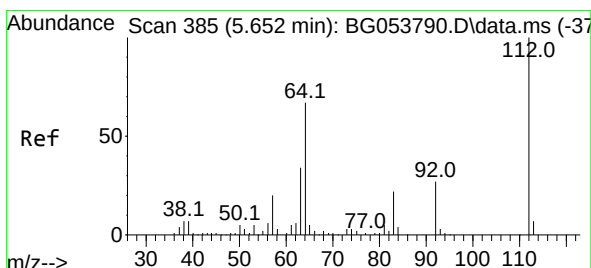
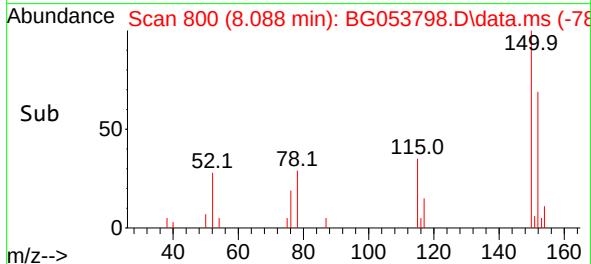
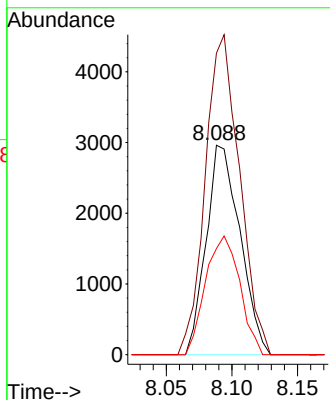
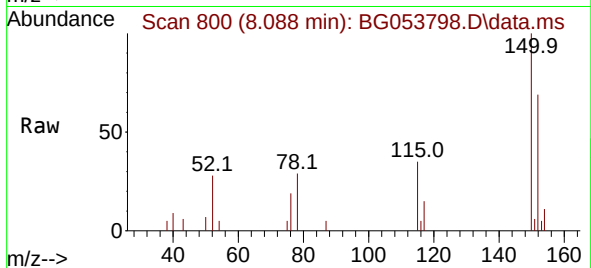




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

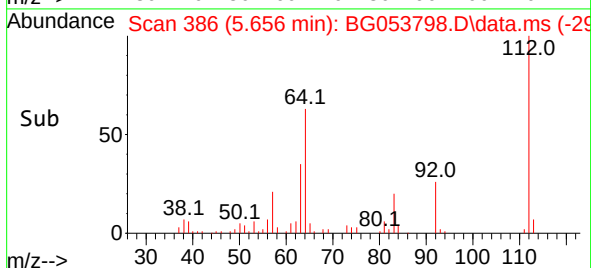
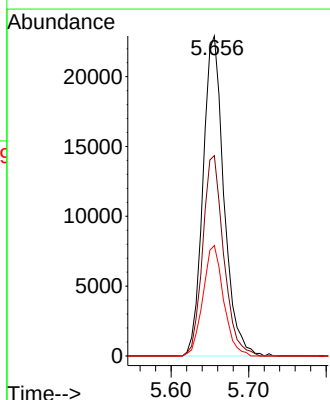
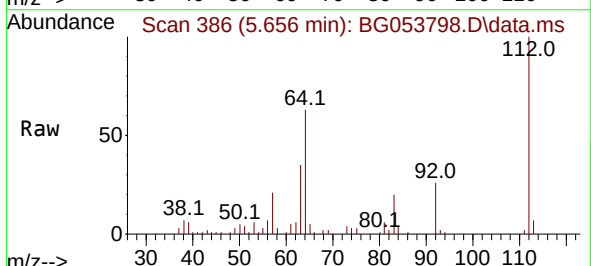
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

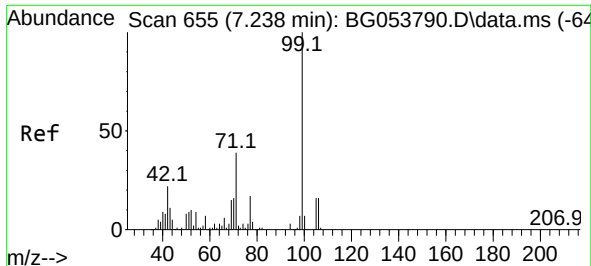
Tgt Ion:152 Resp: 5313
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 50.6 50.9 76.3#



#5
2-Fluorophenol
Concen: 148.391 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion:112 Resp: 42933
Ion Ratio Lower Upper
112 100
64 62.6 55.1 82.7
63 34.5 30.4 45.6

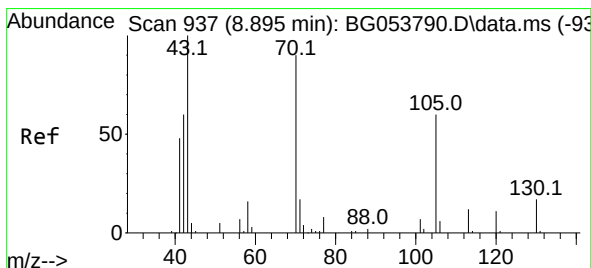
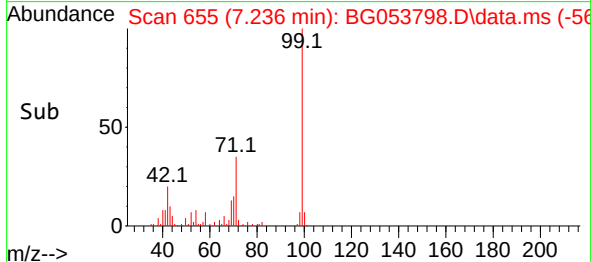
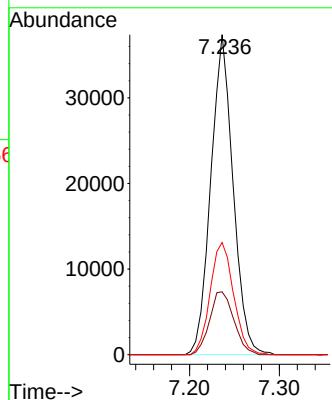
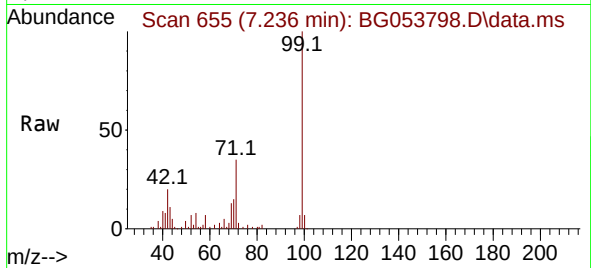




#7
Phenol-d6
Concen: 164.057 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

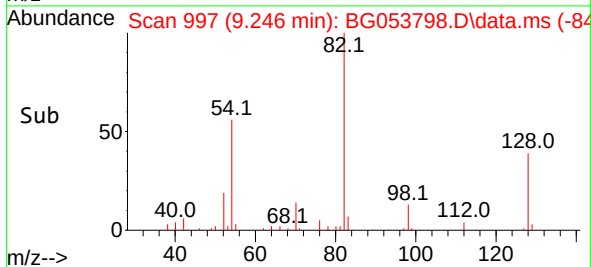
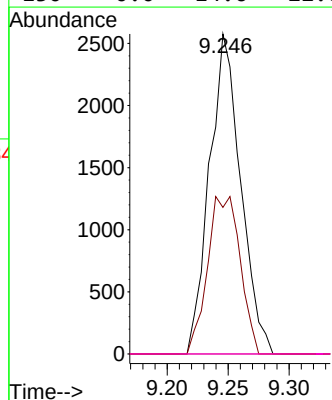
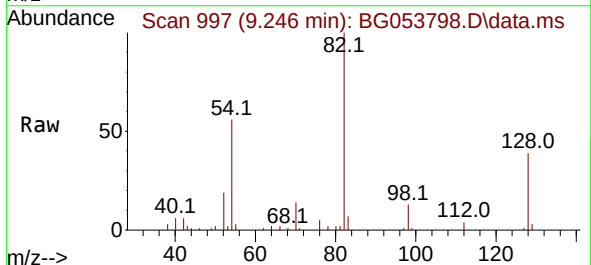
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

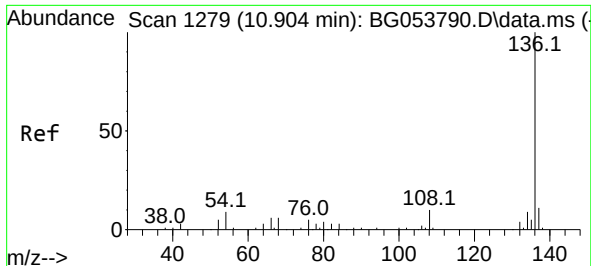
Tgt Ion: 99 Resp: 64297
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 35.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.532 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion: 70 Resp: 4589
Ion Ratio Lower Upper
70 100
42 45.8 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

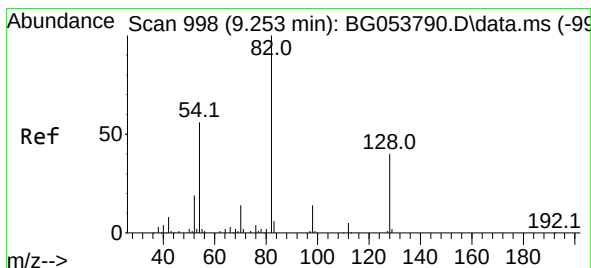
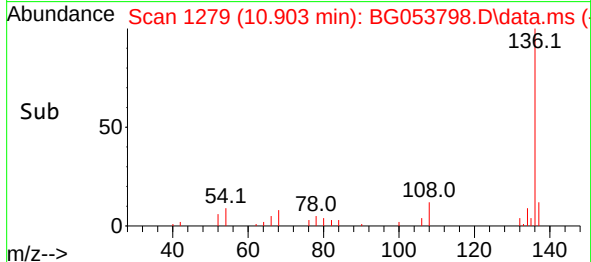
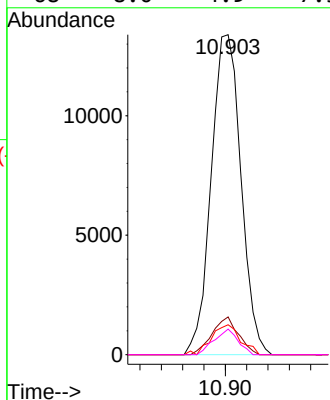
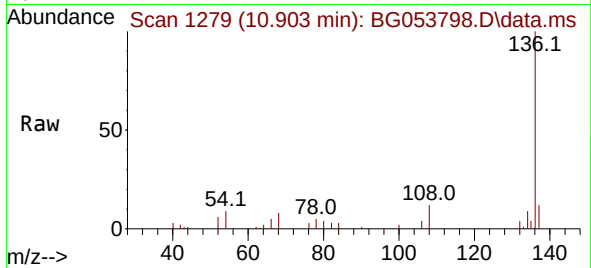




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

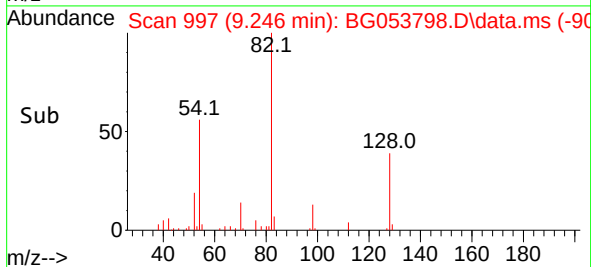
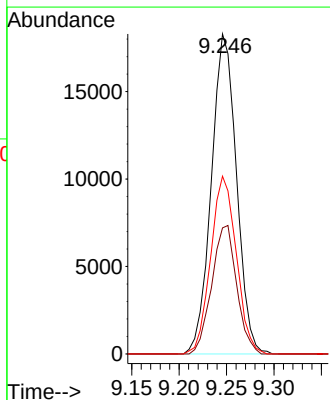
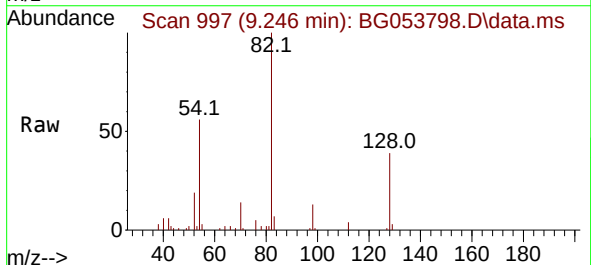
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

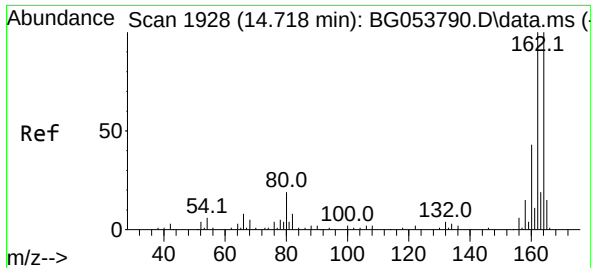
Tgt Ion:	136	Resp:	25937
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	9.3	7.4	11.2
68	8.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.528 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

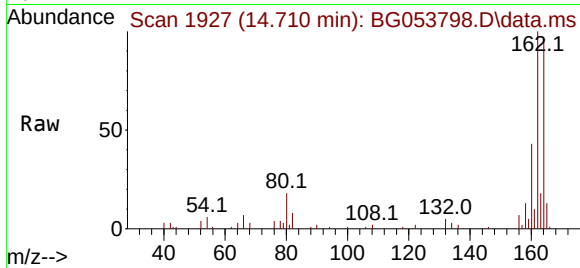
Tgt Ion:	82	Resp:	33781
Ion Ratio	Lower	Upper	
82	100		
128	39.4	27.9	41.9
54	55.6	41.2	61.8



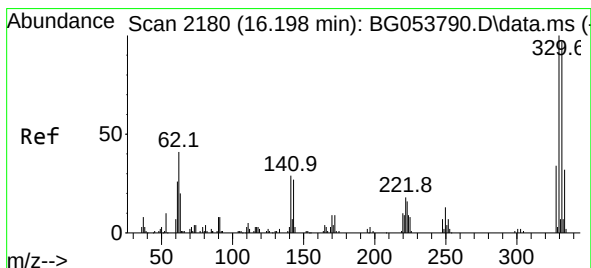
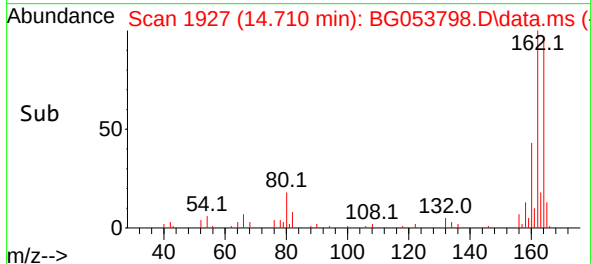
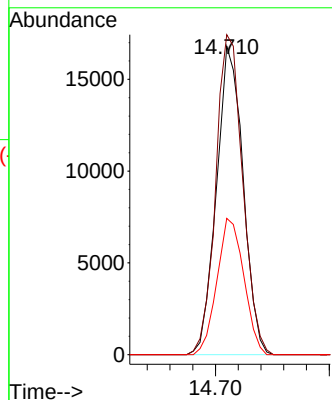


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

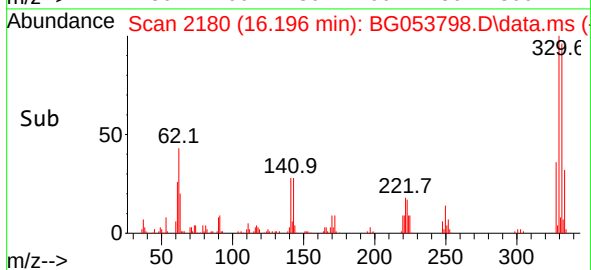
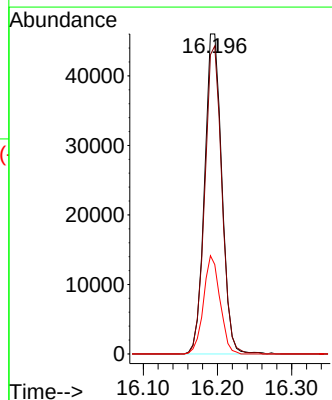
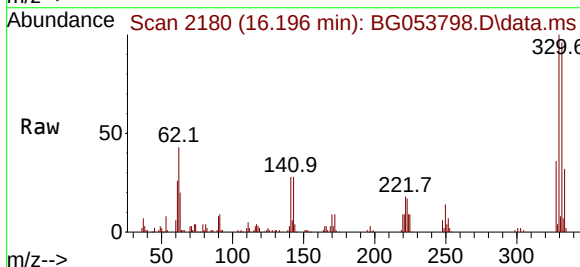


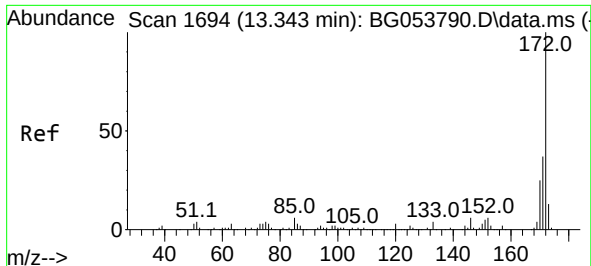
Tgt Ion:	164	Resp:	27351
Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.3	123.5
160	44.2	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 223.101 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion:	330	Resp:	74070
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	29.4	27.1	40.7

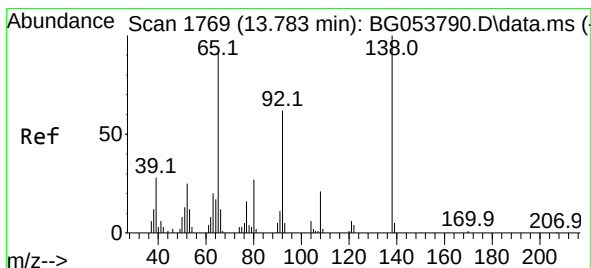
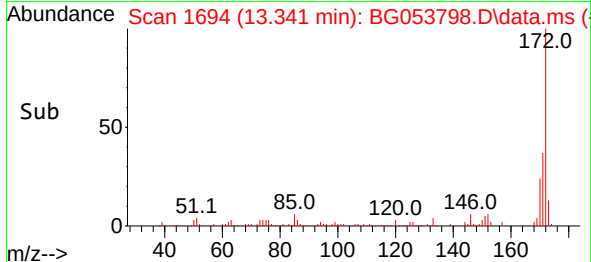
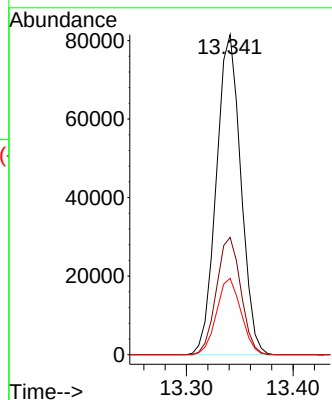
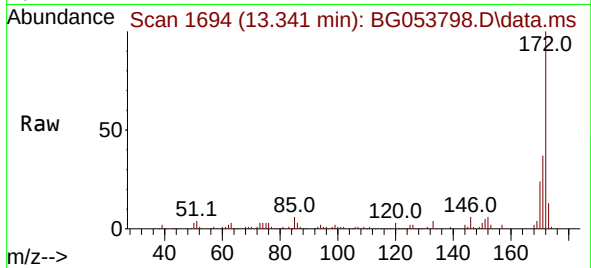




#45
2-Fluorobiphenyl
Concen: 71.094 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

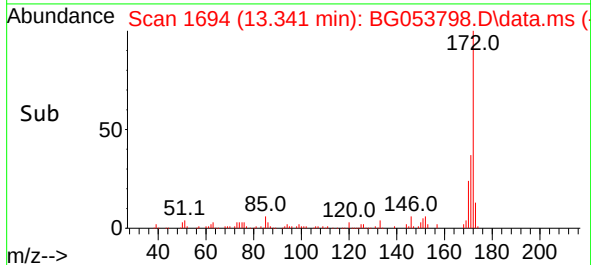
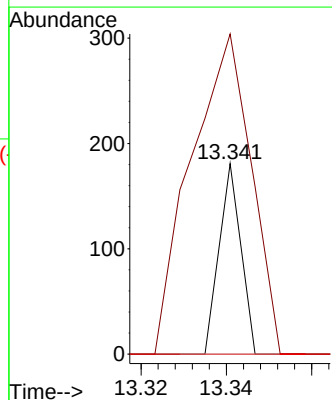
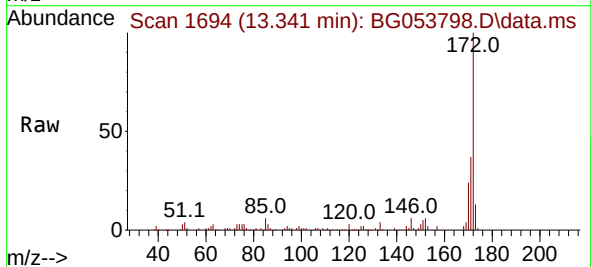
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

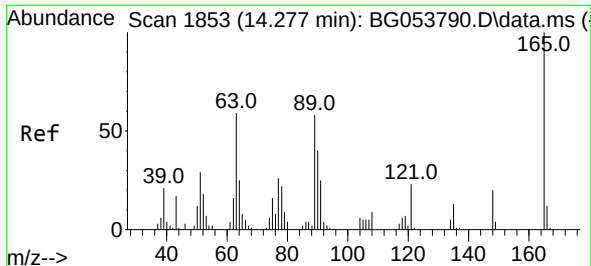
Tgt Ion:172 Resp: 129978
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.8 18.9 28.3



#48
2-Nitroaniline
Concen: 5.189 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.442 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion: 65 Resp: 64
Ion Ratio Lower Upper
65 100
92 168.0 51.5 77.3#
138 0.0 71.3 106.9#

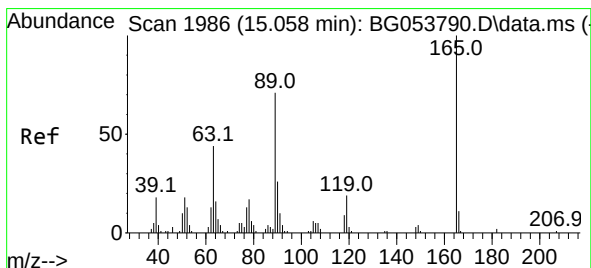
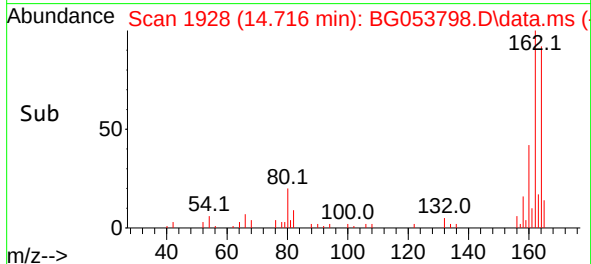
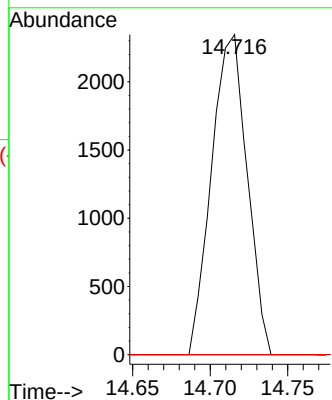
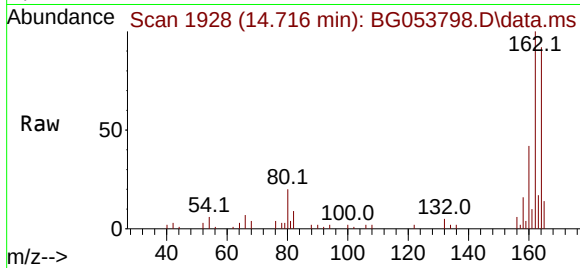




#51
2,6-Dinitrotoluene
Concen: 13.581 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.439 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

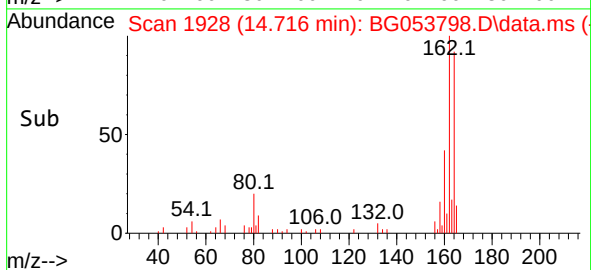
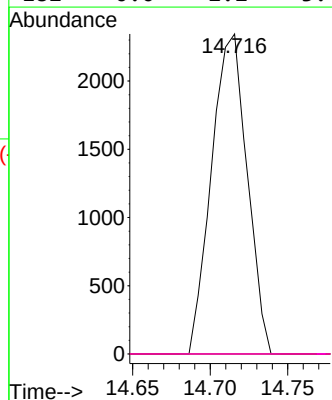
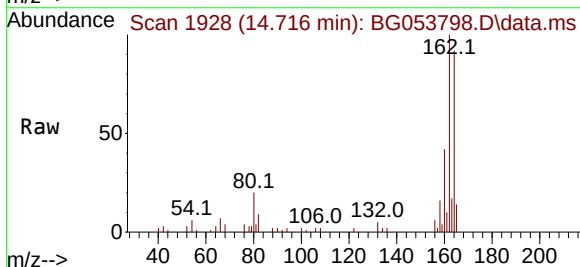
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ClientSampleId :
P020-SS001-2430-01RE

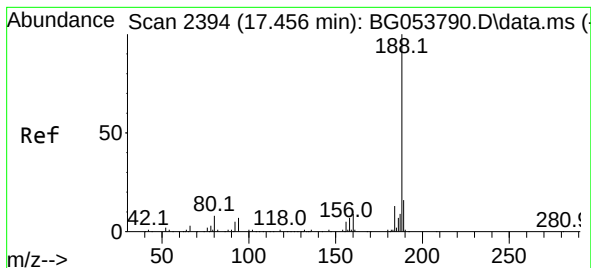
Tgt Ion:165 Resp: 3744
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 11.343 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.342 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion:165 Resp: 3744
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053798.D

Acq: 2 Jun 2022 19:37

Instrument :

BNA_G

ClientSampleId :

P020-SS001-2430-01RE

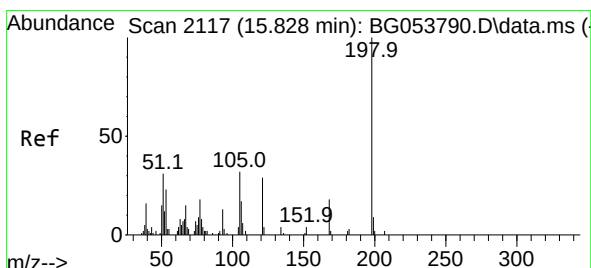
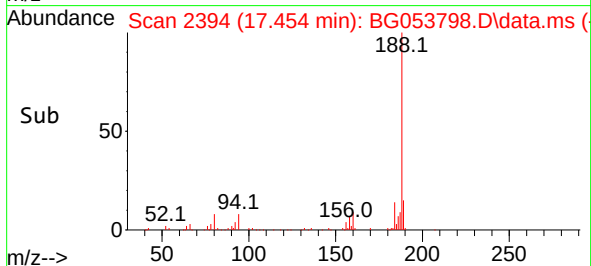
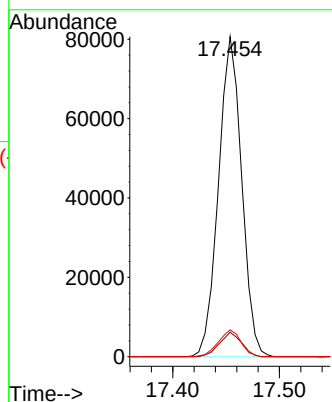
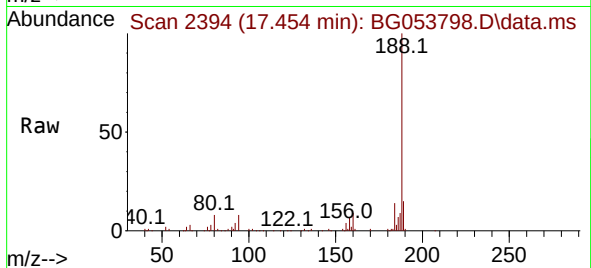
Tgt Ion:188 Resp: 121586

Ion Ratio Lower Upper

188 100

94 7.6 5.4 8.0

80 8.4 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.715 ng

RT: 16.196 min Scan# 2180

Delta R.T. 0.368 min

Lab File: BG053798.D

Acq: 2 Jun 2022 19:37

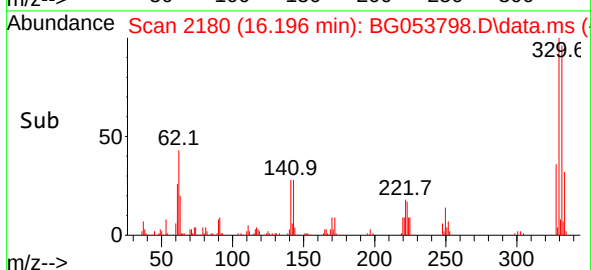
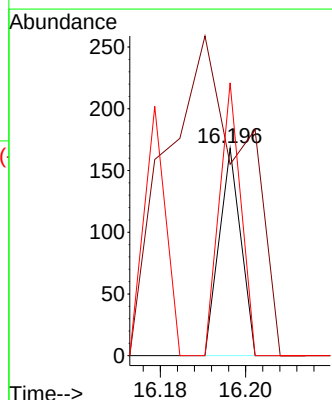
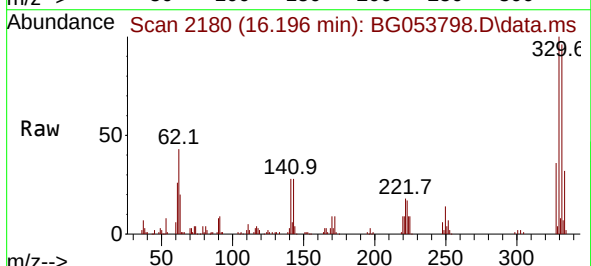
Tgt Ion:198 Resp: 59

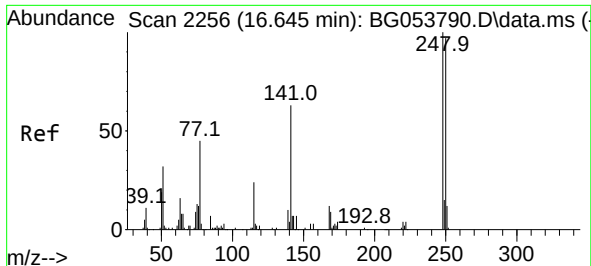
Ion Ratio Lower Upper

198 100

51 92.3 28.1 68.1#

105 131.5 20.3 60.3#

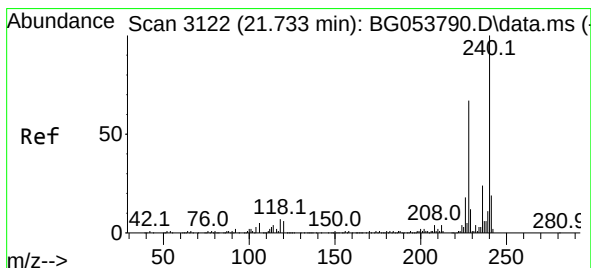
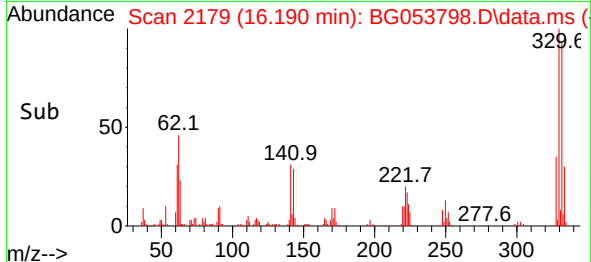
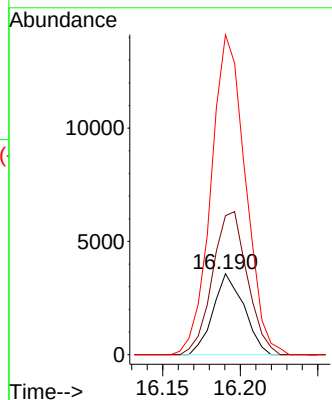
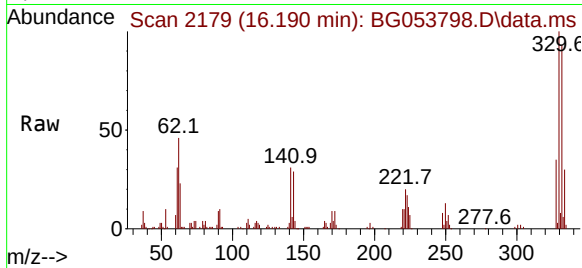




#67
4-Bromophenyl-phenylether
Concen: 3.747 ng
RT: 16.190 min Scan# 2179
Delta R.T. -0.454 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

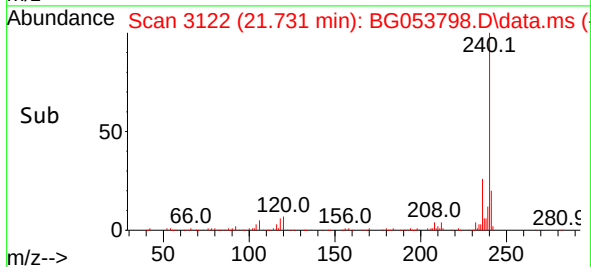
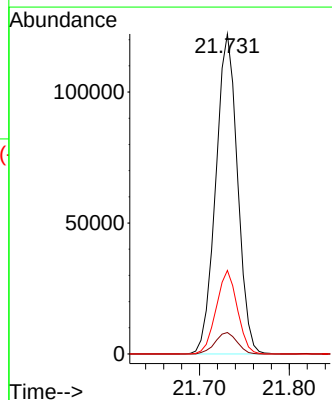
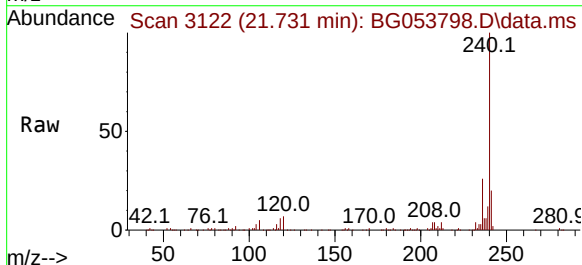
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

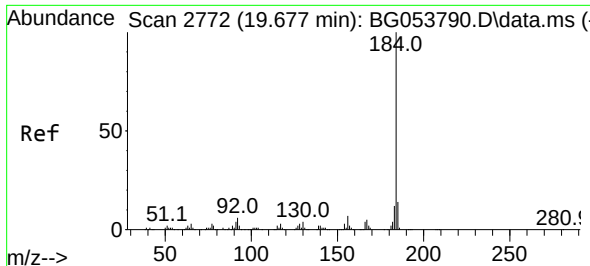
Tgt Ion:248 Resp: 4950
Ion Ratio Lower Upper
248 100
250 179.6 75.2 112.8#
141 315.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Tgt Ion:240 Resp: 205235
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 26.1 20.2 30.4

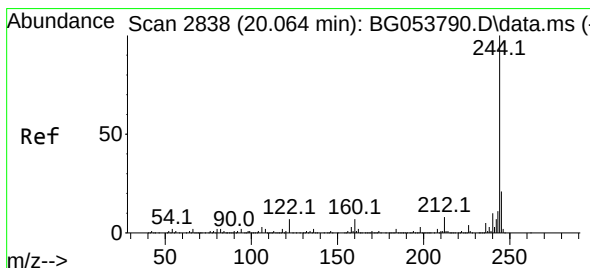
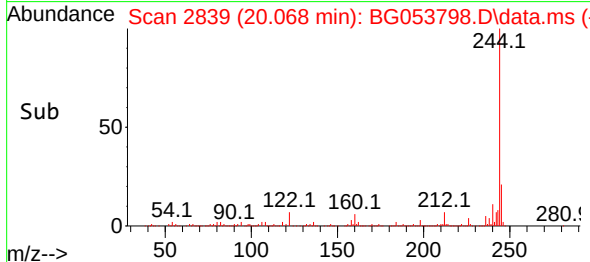
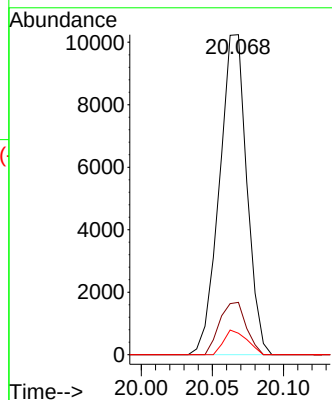
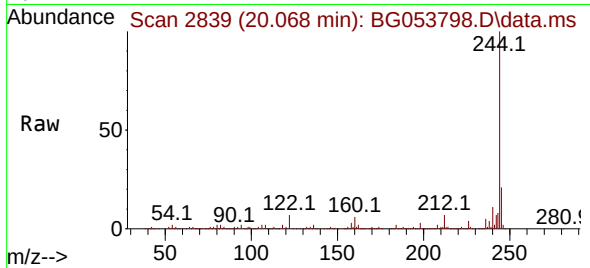




#77
Benzidine
Concen: 2.734 ng
RT: 20.068 min Scan# 21
Delta R.T. 0.392 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

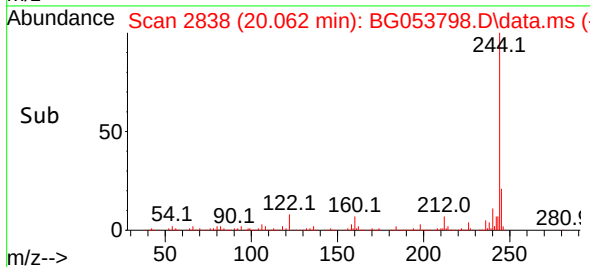
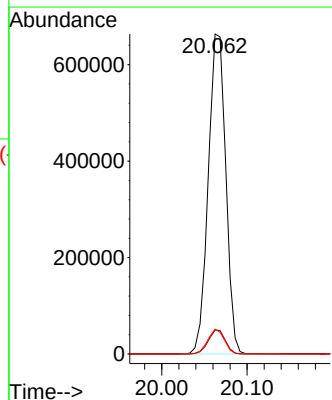
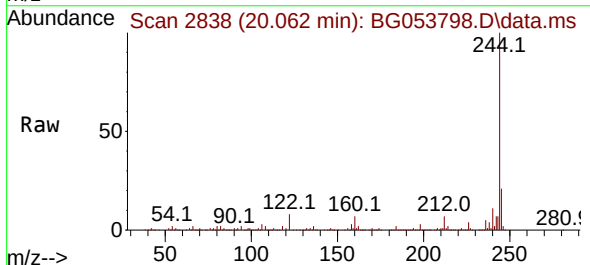
Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE

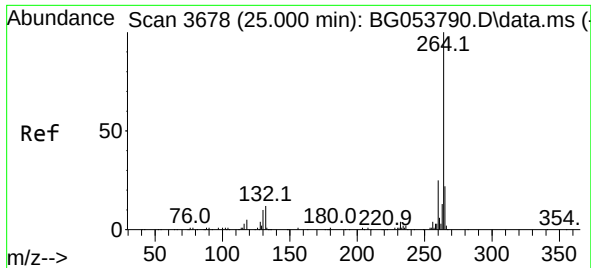
Tgt Ion:184 Resp: 13720
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 6.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.851 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

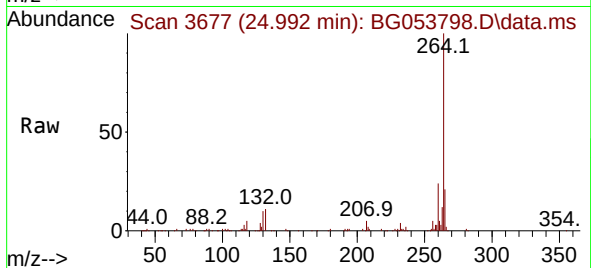
Tgt Ion:244 Resp: 947567
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.8 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053798.D
Acq: 2 Jun 2022 19:37

Instrument :
BNA_G
ClientSampleId :
P020-SS001-2430-01RE



Tgt Ion:264 Resp: 184114
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 20.7 17.4 26.2

