

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053650.D
 Acq On : 20 May 2022 19:04
 Operator : CG/JU
 Sample : N2872-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P029-SS001-0006-01

Quant Time: May 23 01:34:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

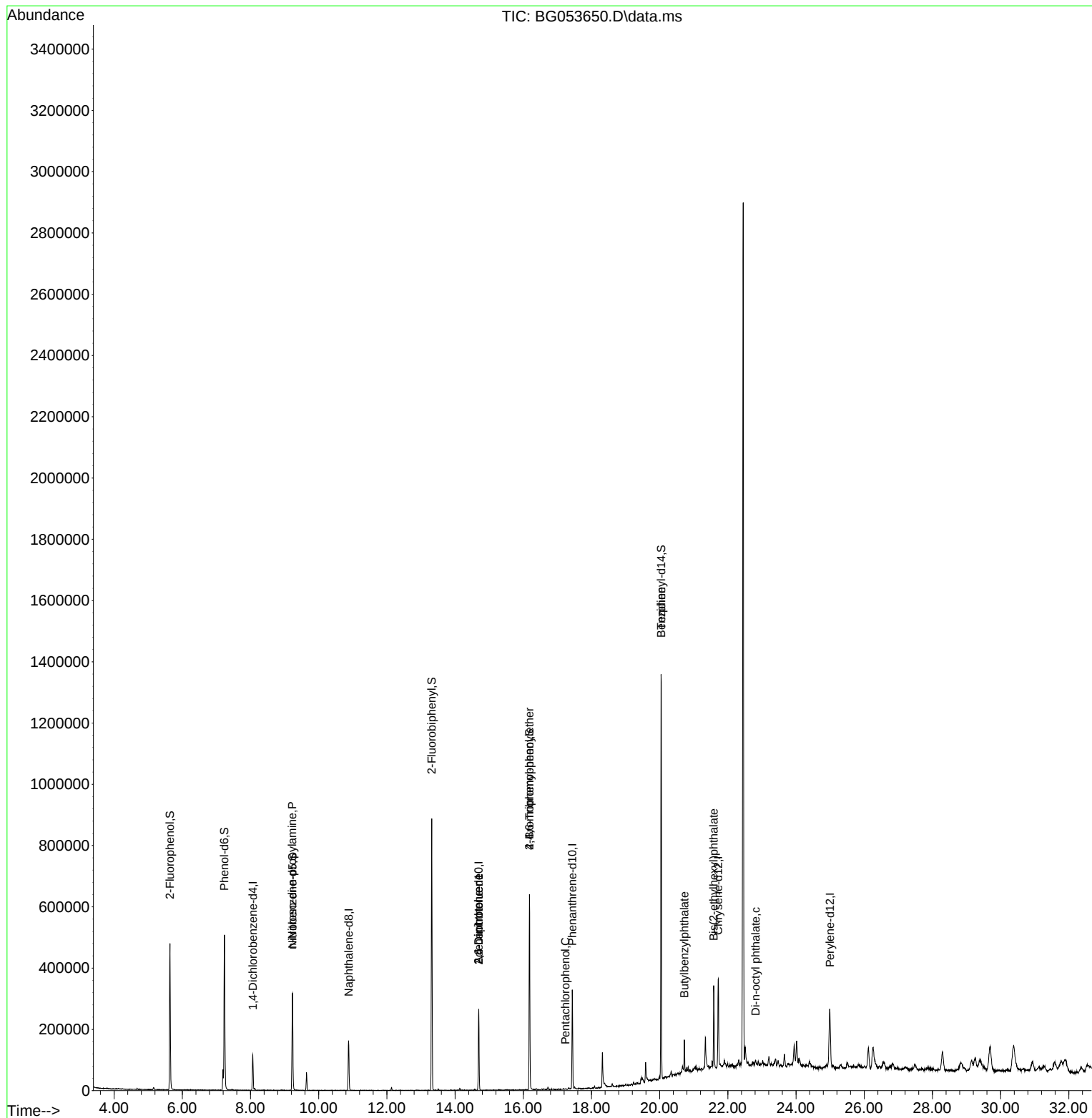
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	32646	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	137522	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	95428	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	202151	20.000	ng	-0.01
76) Chrysene-d12	21.716	240	182947	20.000	ng	-0.02
86) Perylene-d12	24.994	264	182674	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	201997	105.010	ng	0.00
7) Phenol-d6	7.236	99	302670	103.677	ng	0.00
23) Nitrobenzene-d5	9.233	82	213555	66.104	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	126366	89.783	ng	-0.01
45) 2-Fluorobiphenyl	13.316	172	467423	71.576	ng	-0.01
79) Terphenyl-d14	20.042	244	670064	68.215	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.227	70	29930	14.289	ng	# 73
51) 2,6-Dinitrotoluene	14.696	165	11908	8.060	ng	# 17
57) 2,4-Dinitrotoluene	14.696	165	11908	5.561	ng	# 23
67) 4-Bromophenyl-phenylether	16.182	248	8171	3.461	ng	# 1
70) Pentachlorophenol	17.234	266	77	4.702	ng	# 16
77) Benzidine	20.048	184	11890	3.015	ng	# 95
80) Butylbenzylphthalate	20.729	149	32024	7.374	ng	97
84) Bis(2-ethylhexyl)phtha...	21.587	149	117677	19.632	ng	99
85) Di-n-octyl phthalate	22.815	149	20767	2.049	ng	# 74

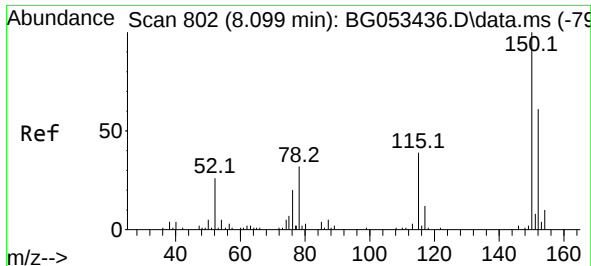
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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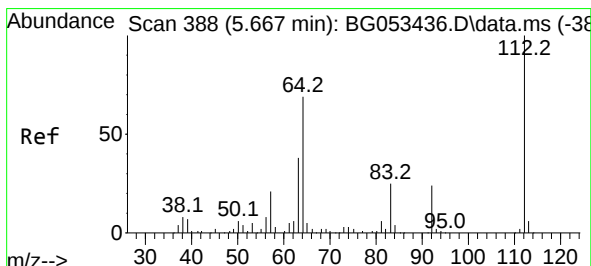
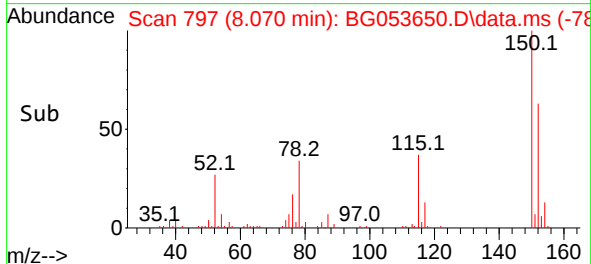
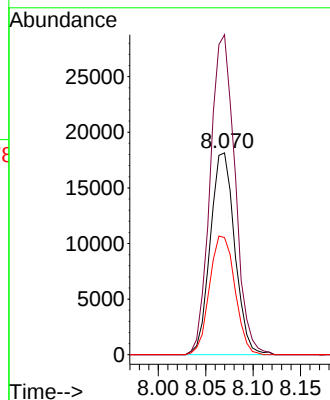
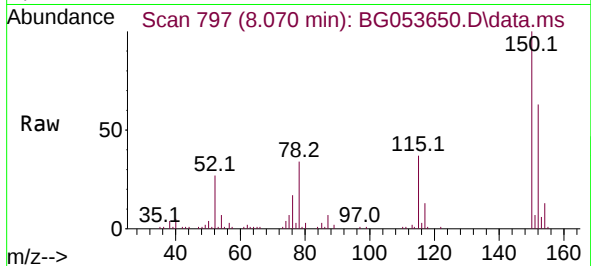




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 797
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

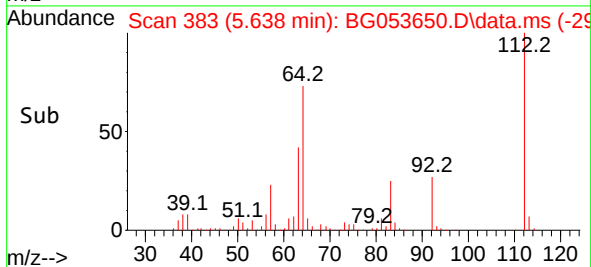
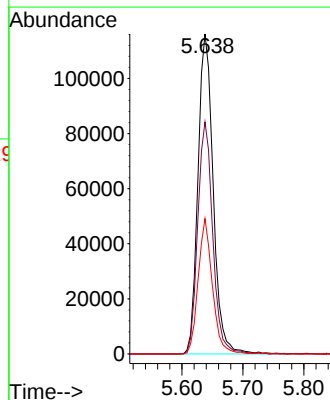
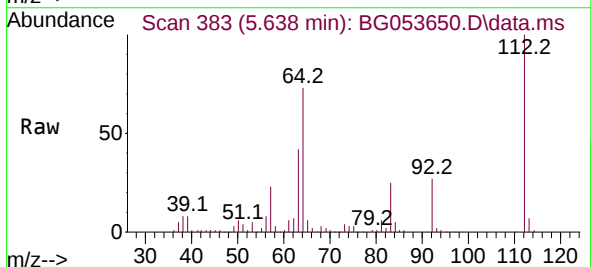
Instrument :
BNA_G
ClientSampleId :
P029-SS001-0006-01

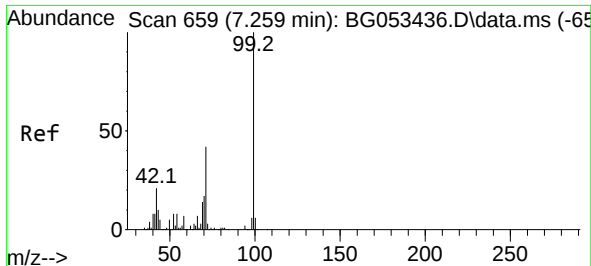
Tgt Ion:152 Resp: 32646
Ion Ratio Lower Upper
152 100
150 158.6 131.6 197.4
115 58.1 50.9 76.3



#5
2-Fluorophenol
Concen: 105.010 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:112 Resp: 201997
Ion Ratio Lower Upper
112 100
64 72.5 55.1 82.7
63 42.3 30.4 45.6

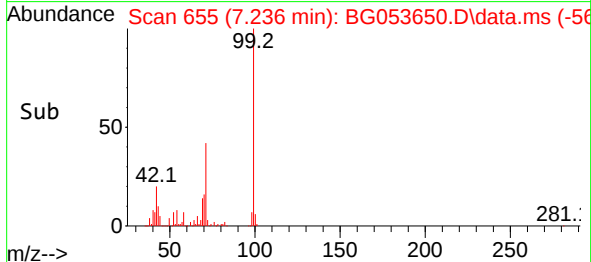
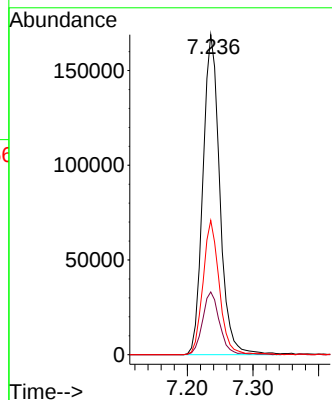
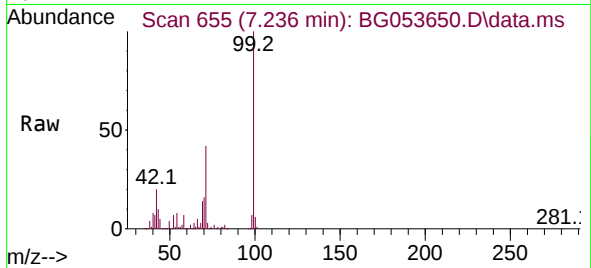




#7
Phenol-d6
Concen: 103.677 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

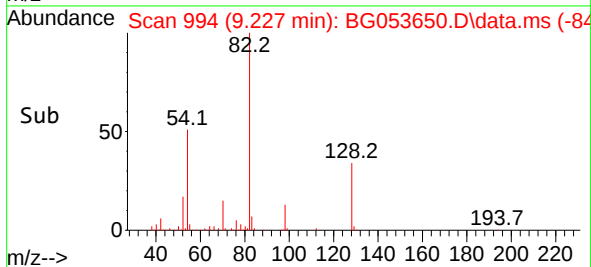
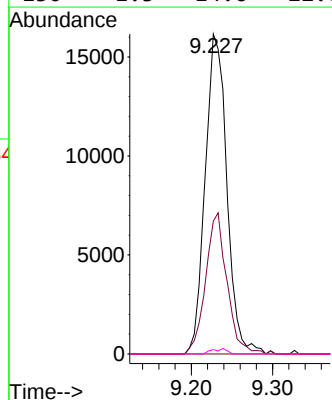
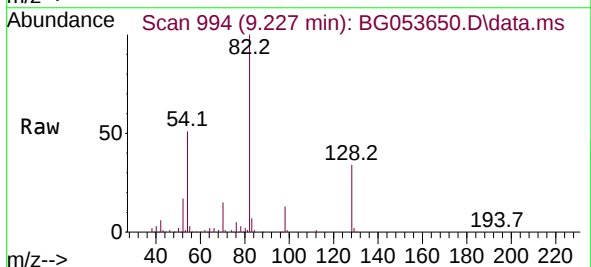
Instrument :
BNA_G
ClientSampleId :
P029-SS001-0006-01

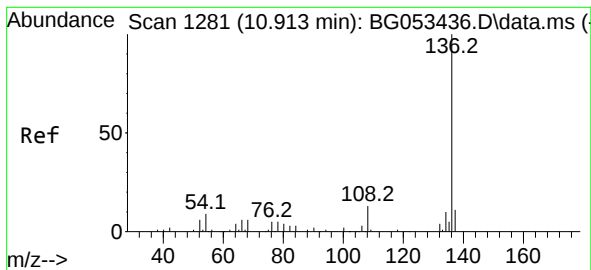
Tgt Ion: 99 Resp: 302670
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.289 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.347 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion: 70 Resp: 29930
Ion Ratio Lower Upper
70 100
42 41.5 47.3 70.9#
101 0.0 7.0 10.4#
130 1.3 14.6 22.0#

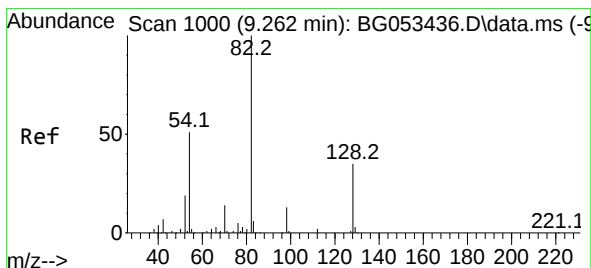
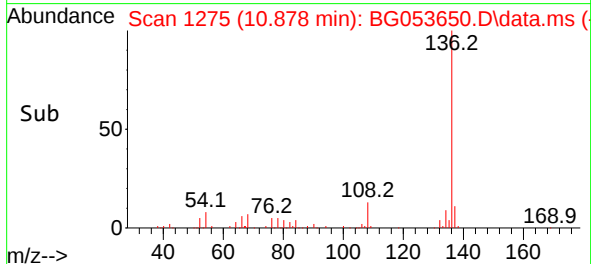
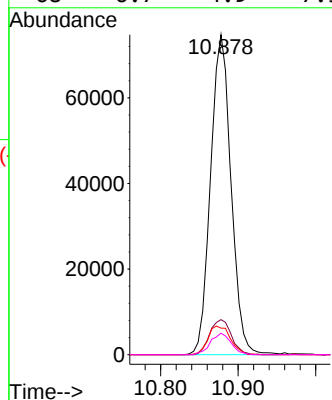
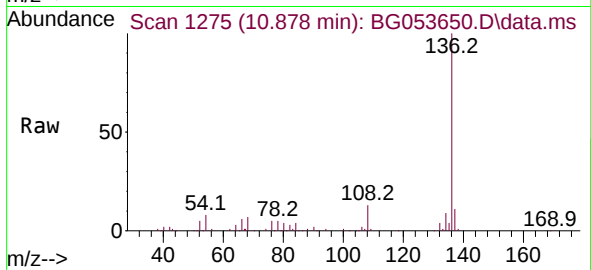




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

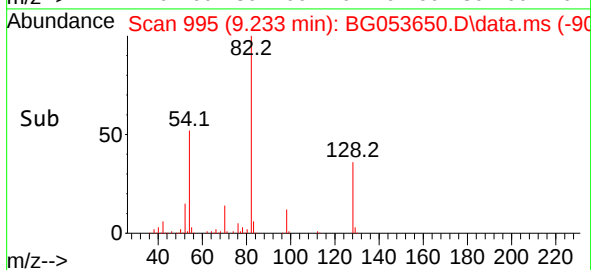
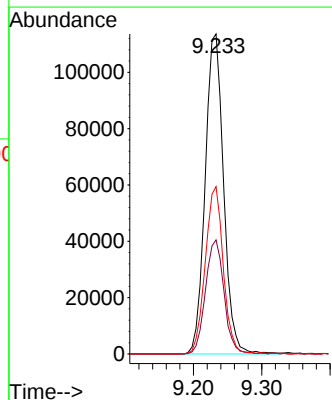
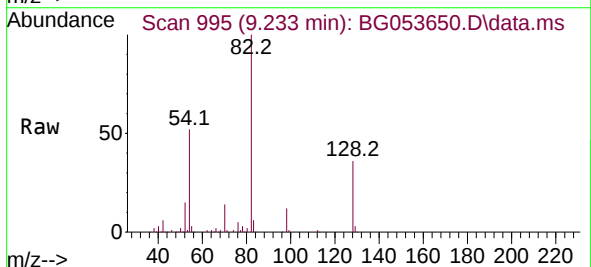
Instrument :
BNA_G
ClientSampleId :
P029-SS001-0006-01

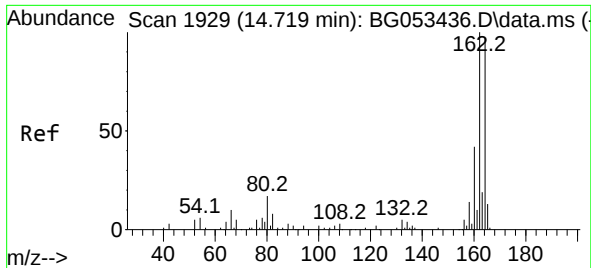
Tgt Ion:136 Resp: 137522
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 8.3 7.4 11.2
68 6.7 4.9 7.3



#23
Nitrobenzene-d5
Concen: 66.104 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion: 82 Resp: 213555
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 52.3 41.2 61.8

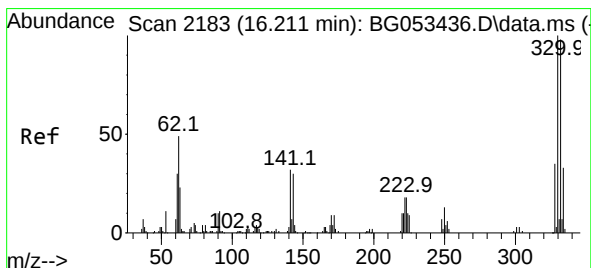
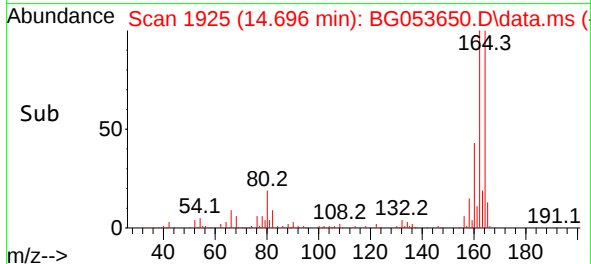
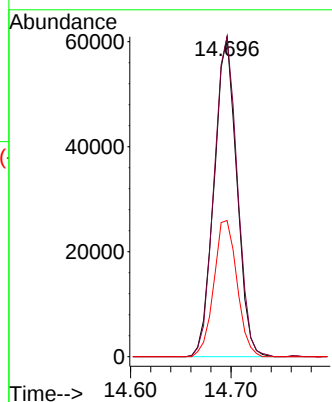
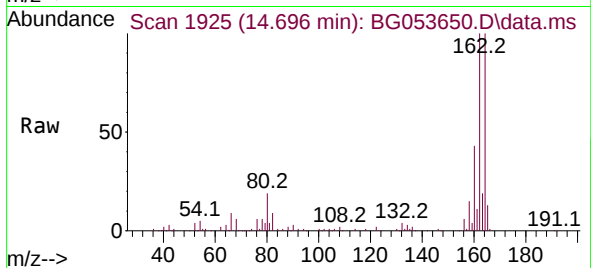




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

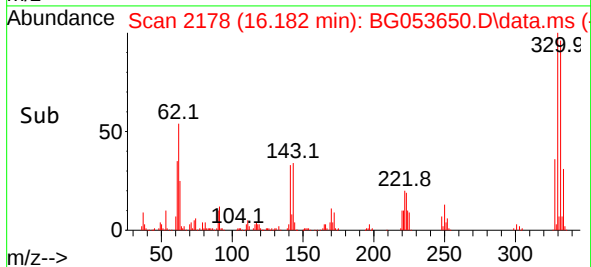
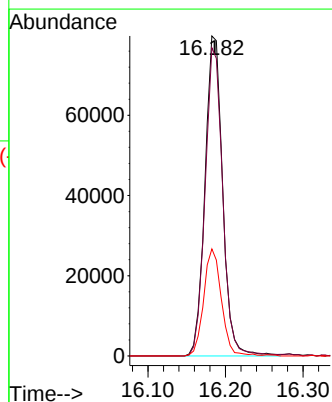
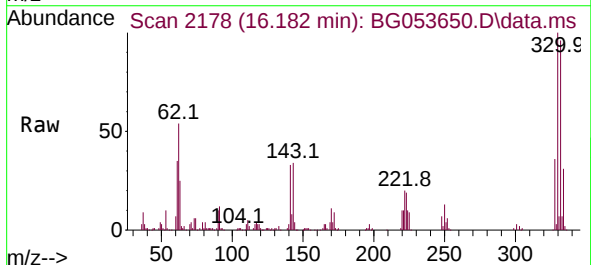
Instrument :
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ClientSampleId :
P029-SS001-0006-01

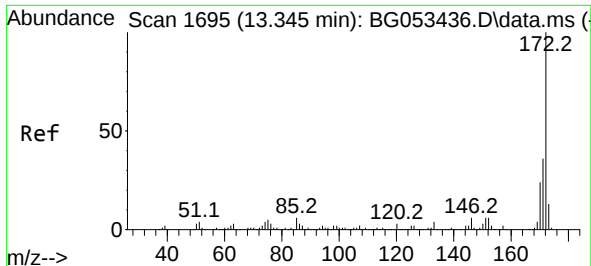
Tgt Ion:164 Resp: 95428
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 89.783 ng
RT: 16.182 min Scan# 2178
Delta R.T. -0.011 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:330 Resp: 126366
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 33.5 27.1 40.7

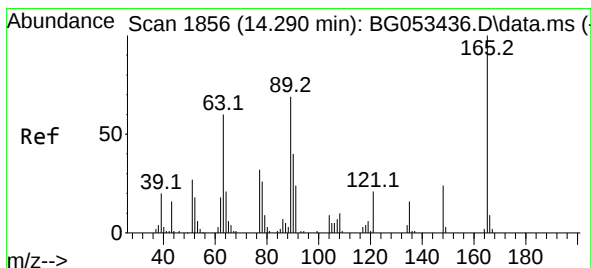
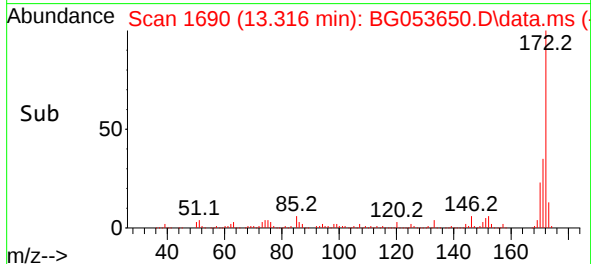
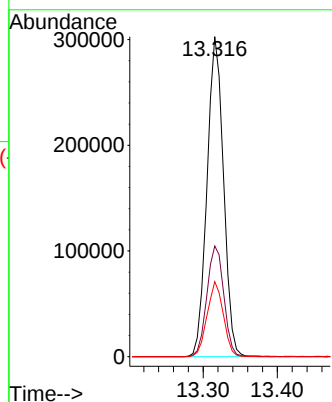
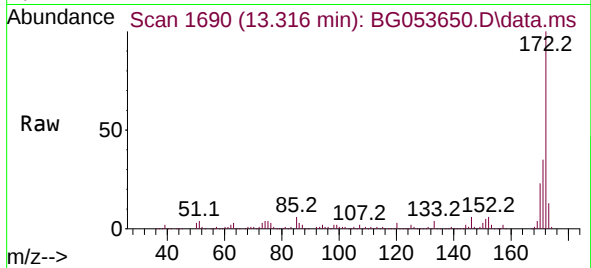




#45
2-Fluorobiphenyl
Concen: 71.576 ng
RT: 13.316 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

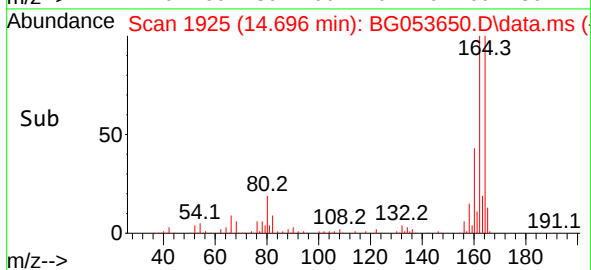
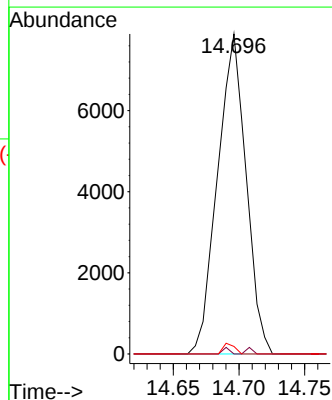
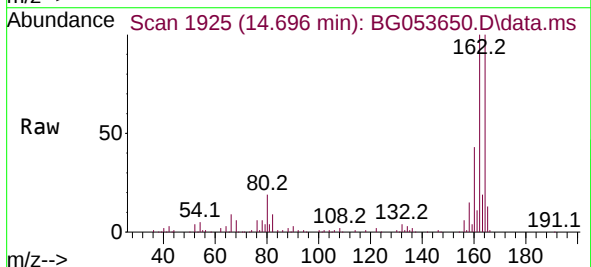
Instrument :
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ClientSampleId :
P029-SS001-0006-01

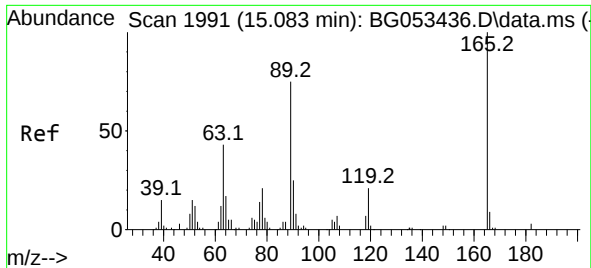
Tgt Ion:172 Resp: 467423
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 14.696 min Scan# 1925
Delta R.T. 0.424 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:165 Resp: 11908
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.3 54.8 82.2#

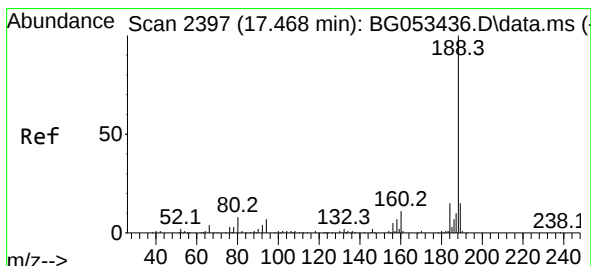
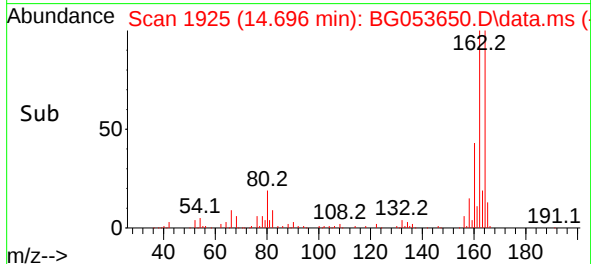
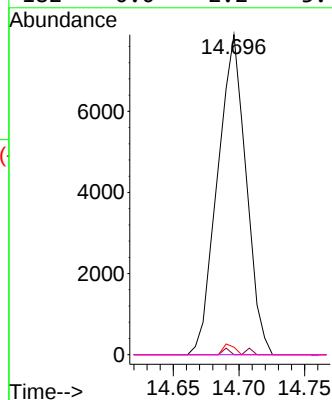
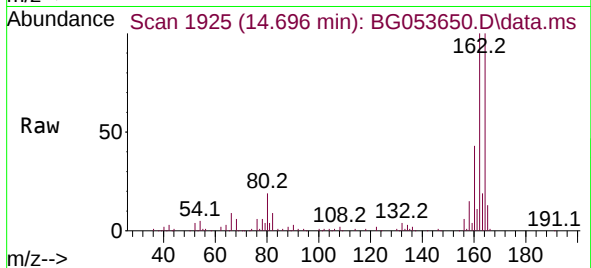




#57
2,4-Dinitrotoluene
Concen: 5.561 ng
RT: 14.696 min Scan# 1991
Delta R.T. -0.369 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

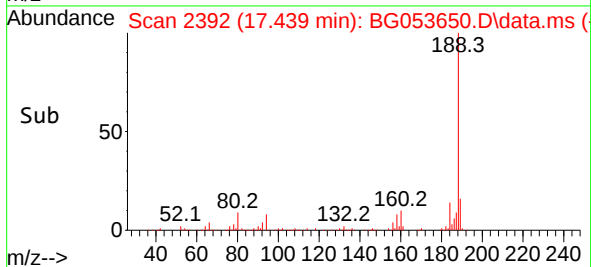
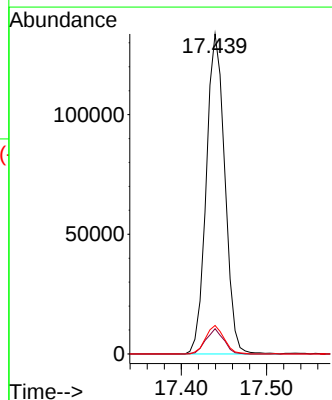
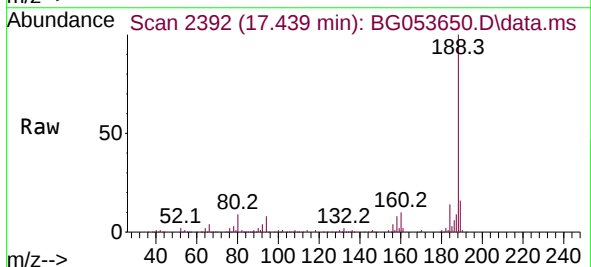
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BNA_G
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P029-SS001-0006-01

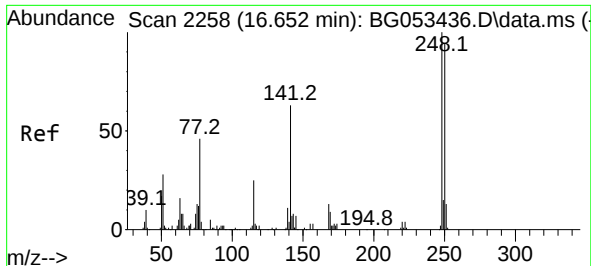
Tgt Ion:165 Resp: 11908
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.3 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2392
Delta R.T. -0.011 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:188 Resp: 202151
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.0
80 8.9 6.8 10.2

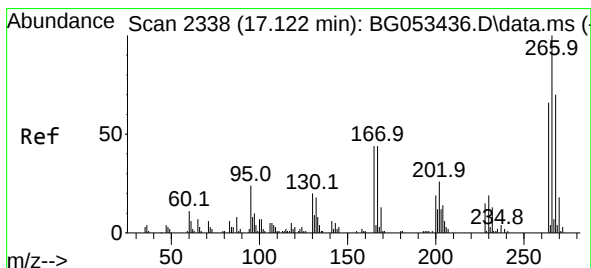
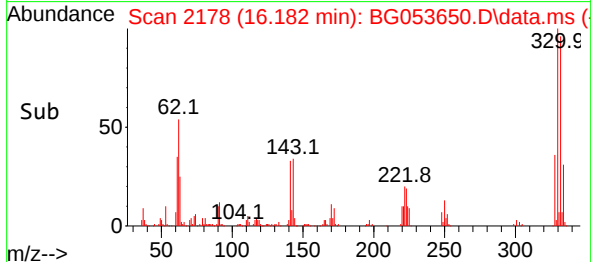
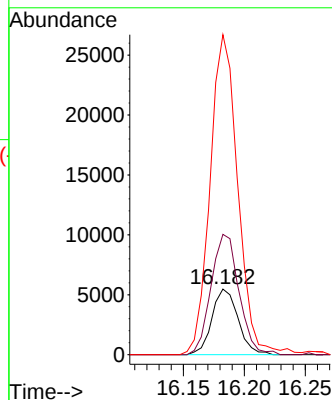
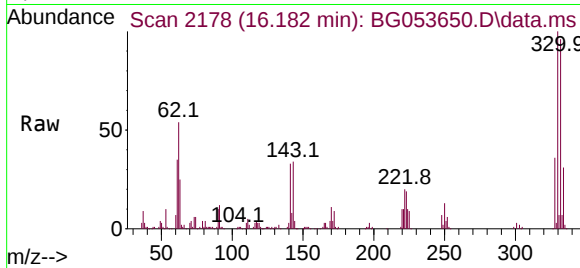




#67
4-Bromophenyl-phenylether
Concen: 3.461 ng
RT: 16.182 min Scan# 2178
Delta R.T. -0.446 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

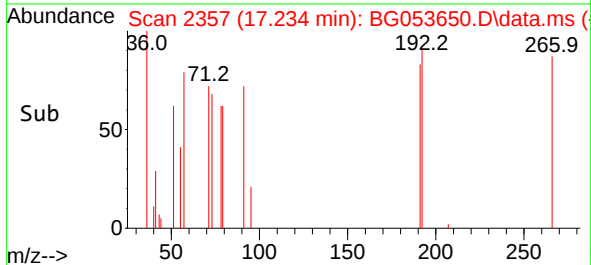
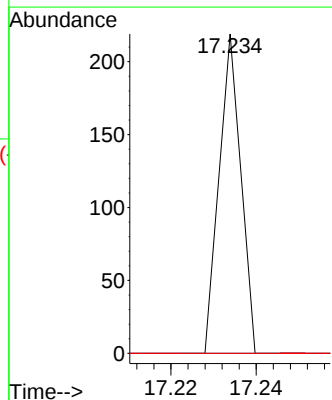
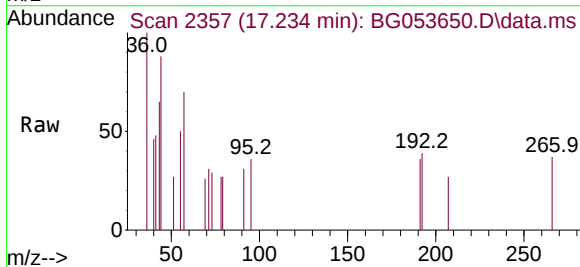
Instrument :
BNA_G
ClientSampleId :
P029-SS001-0006-01

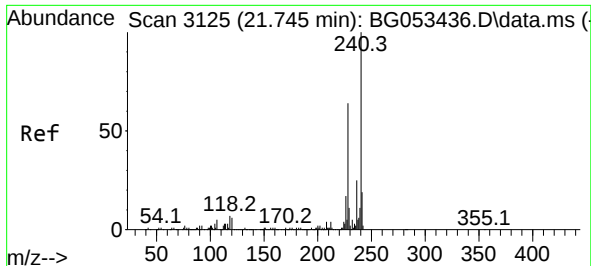
Tgt Ion:248 Resp: 8171
Ion Ratio Lower Upper
248 100
250 183.3 75.2 112.8#
141 487.5 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.702 ng
RT: 17.234 min Scan# 2357
Delta R.T. 0.124 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

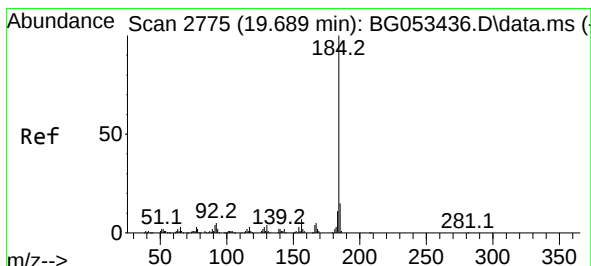
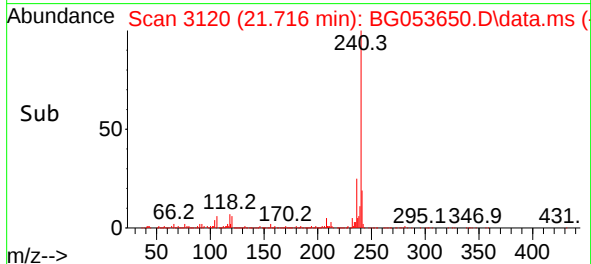
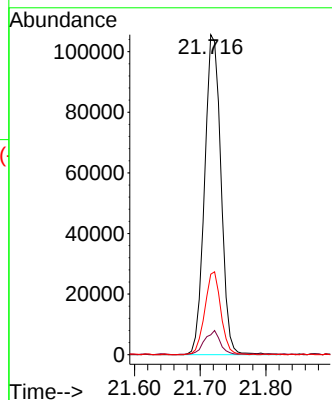
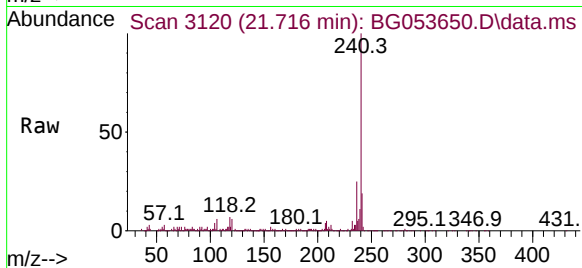




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

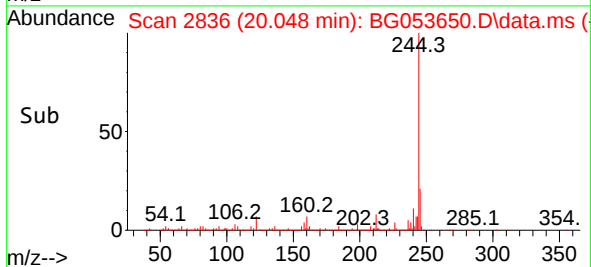
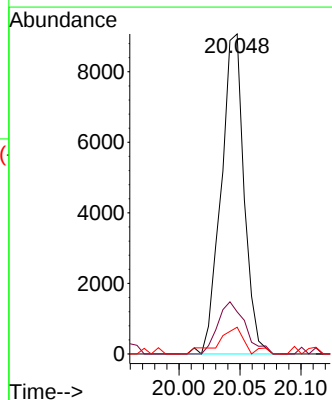
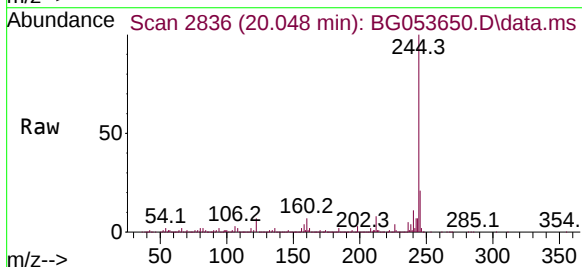
Instrument :
BNA_G
ClientSampleId :
P029-SS001-0006-01

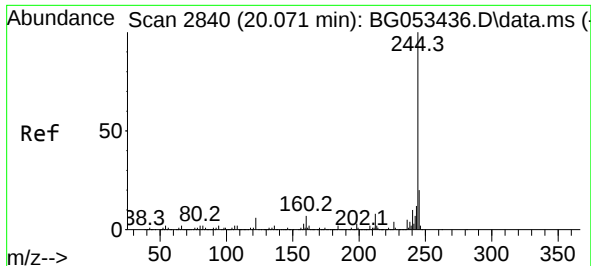
Tgt Ion:240 Resp: 182947
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.1 20.2 30.4



#77
Benzidine
Concen: 3.015 ng
RT: 20.048 min Scan# 2836
Delta R.T. 0.377 min
Lab File: BG053650.D
Acq: 20 May 2022 19:04

Tgt Ion:184 Resp: 11890
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.6
183 8.3 8.9 13.3#

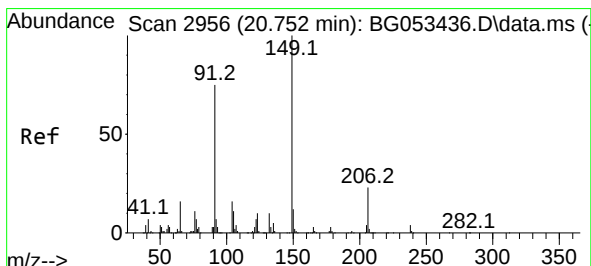
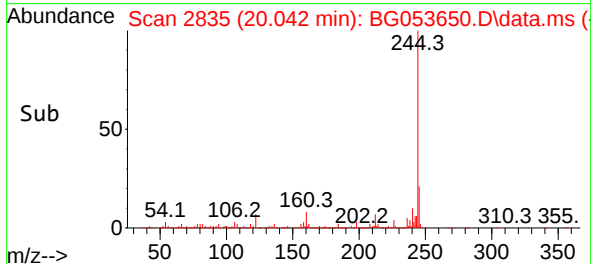
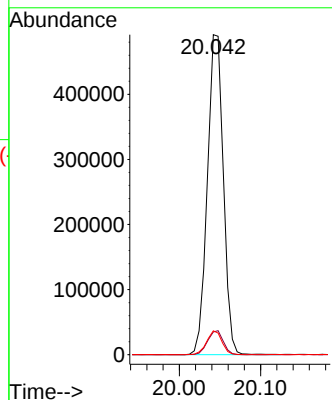
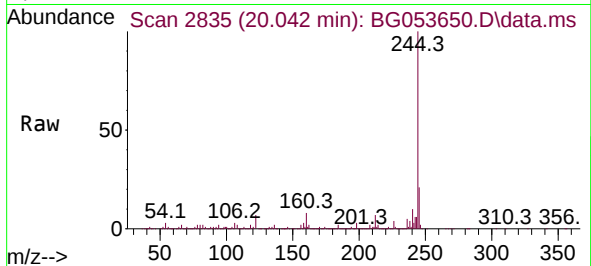




#79
 Terphenyl-d14
 Concen: 68.215 ng
 RT: 20.042 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053650.D
 Acq: 20 May 2022 19:04

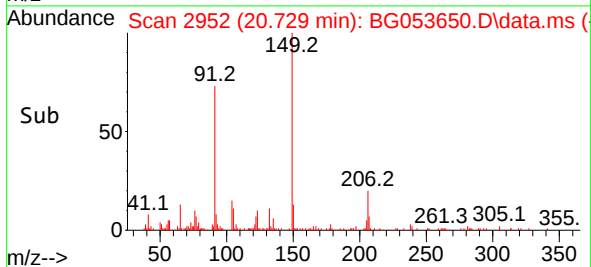
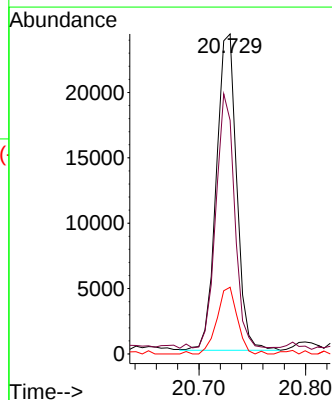
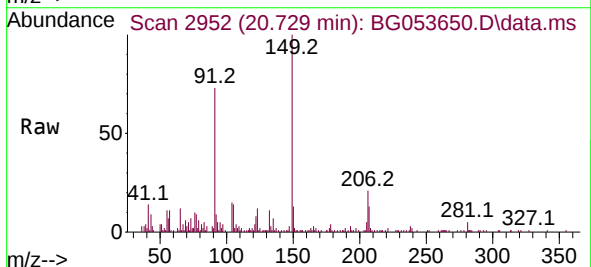
Instrument :
 BNA_G
 ClientSampleId :
 P029-SS001-0006-01

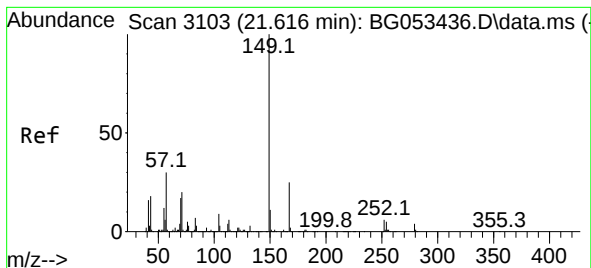
Tgt Ion:244 Resp: 670064
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 7.4 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 7.374 ng
 RT: 20.729 min Scan# 2952
 Delta R.T. -0.005 min
 Lab File: BG053650.D
 Acq: 20 May 2022 19:04

Tgt Ion:149 Resp: 32024
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.6 89.4
 206 20.9 18.6 28.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.632 ng

RT: 21.587 min Scan# 3098

Delta R.T. -0.011 min

Lab File: BG053650.D

Acq: 20 May 2022 19:04

Instrument :

BNA_G

ClientSampleId :

P029-SS001-0006-01

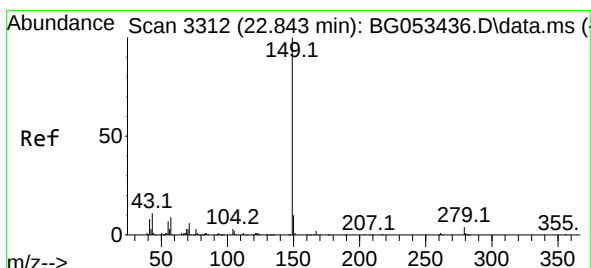
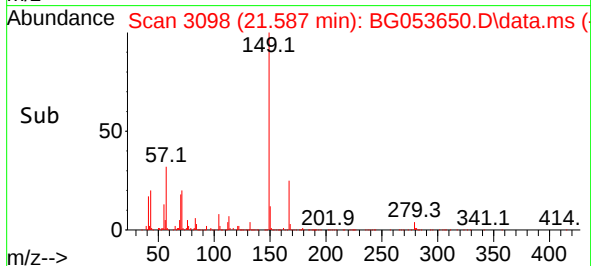
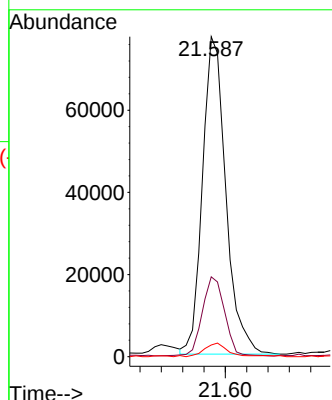
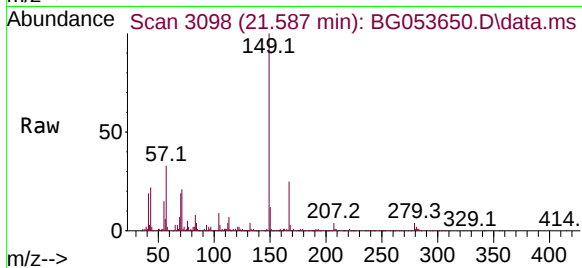
Tgt Ion:149 Resp: 117677

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.4

279 3.6 3.6 5.4



#85

Di-n-octyl phthalate

Concen: 2.049 ng

RT: 22.815 min Scan# 3307

Delta R.T. -0.005 min

Lab File: BG053650.D

Acq: 20 May 2022 19:04

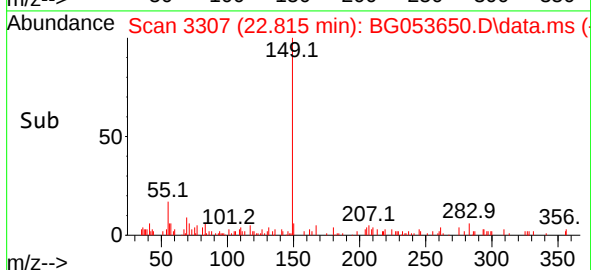
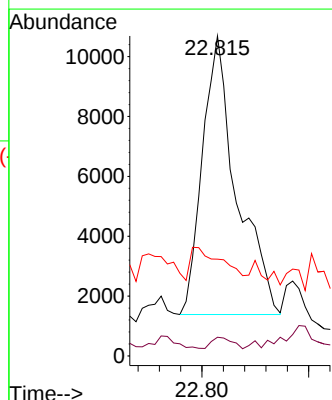
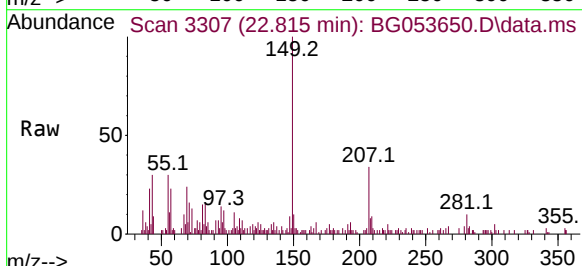
Tgt Ion:149 Resp: 20767

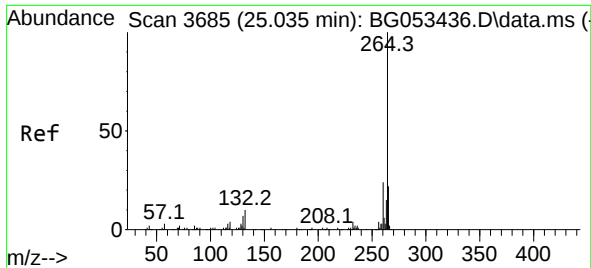
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

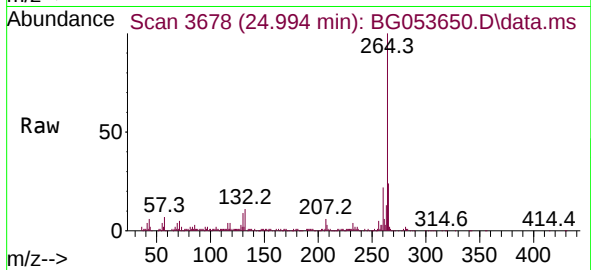
43 0.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053650.D
 Acq: 20 May 2022 19:04

Instrument :
 BNA_G
 ClientSampleId :
 P029-SS001-0006-01



Tgt Ion:264 Resp: 182674

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.6
265	23.6	17.4	26.2

