

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053332.D
 Acq On : 26 Apr 2022 22:45
 Operator : CG/JU
 Sample : N2548-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8D

Quant Time: Apr 27 03:38:57 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)

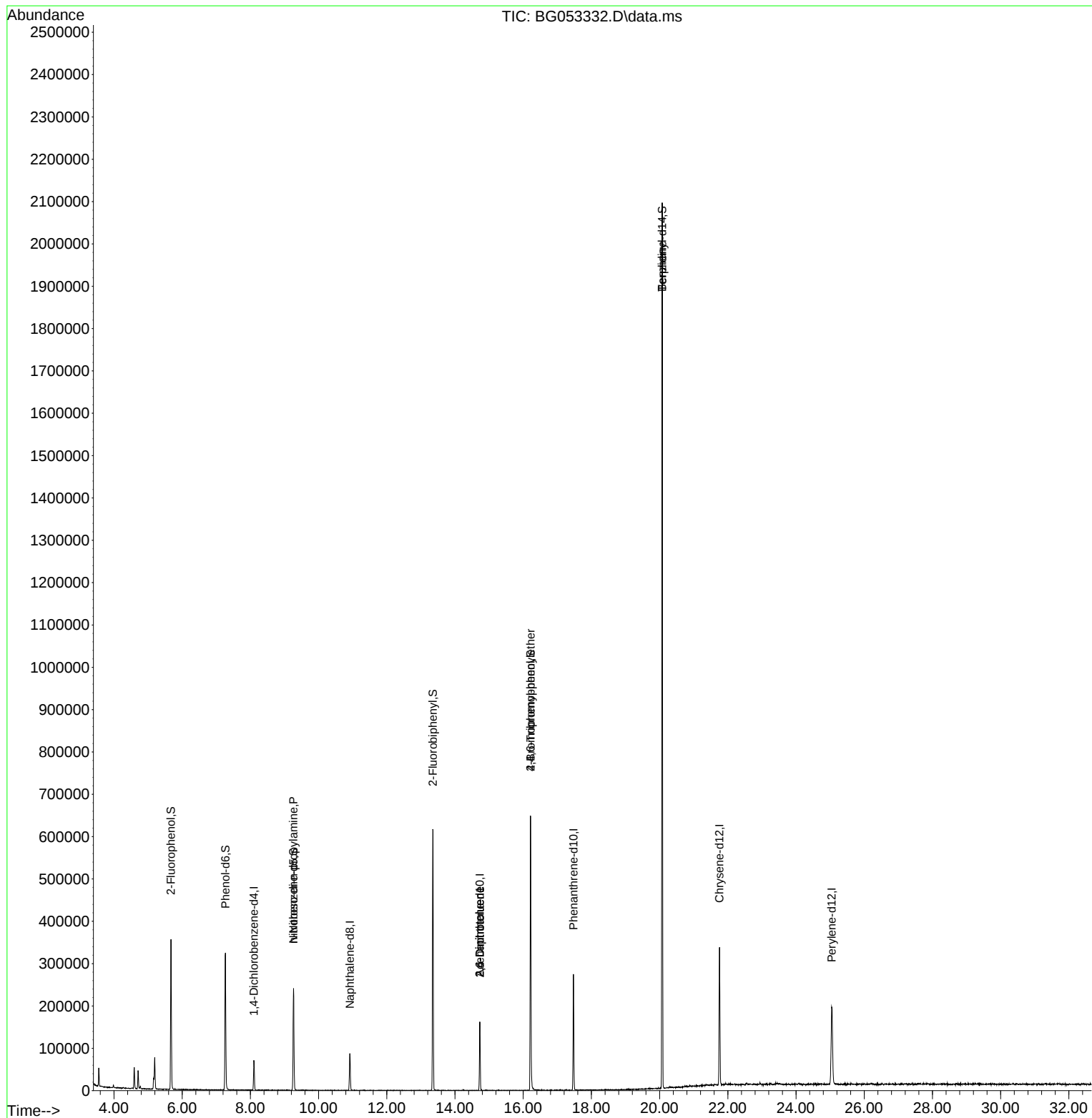
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	19400	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	76133	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	58285	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	173871	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	221217	20.000	ng	-0.01
86) Perylene-d12	25.044	264	216432	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	145151	128.255	ng	0.00
7) Phenol-d6	7.268	99	192225	110.142	ng	0.00
23) Nitrobenzene-d5	9.265	82	158576	84.572	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	140199	151.192	ng	-0.01
45) 2-Fluorobiphenyl	13.354	172	348169	82.370	ng	0.00
79) Terphenyl-d14	20.074	244	1043091	79.636	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.265	70	23292	18.229	ng	# 73
51) 2,6-Dinitrotoluene	14.729	165	7280	7.485	ng	# 26
57) 2,4-Dinitrotoluene	14.729	165	7280	5.258	ng	# 25
67) 4-Bromophenyl-phenylether	16.215	248	9195	4.127	ng	# 1
77) Benzidine	20.074	184	17753	2.813	ng	# 94

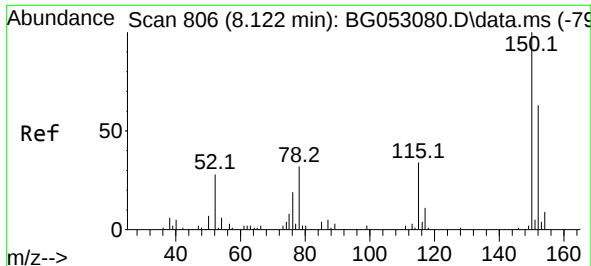
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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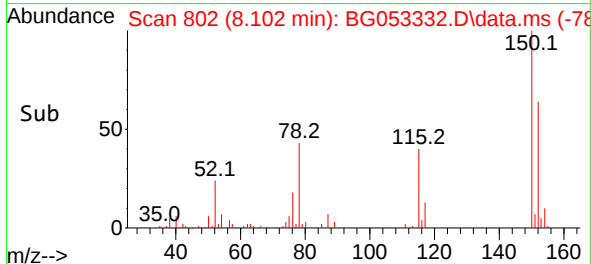
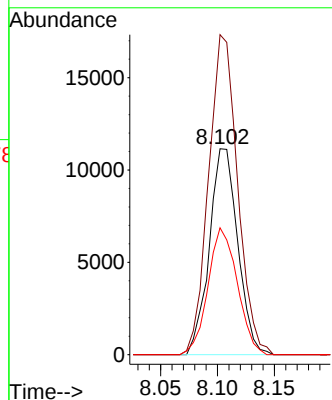
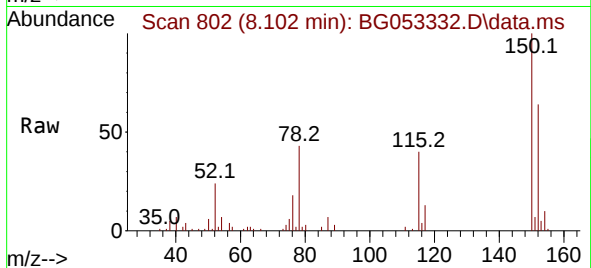




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

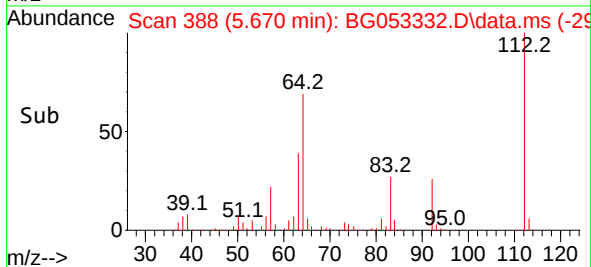
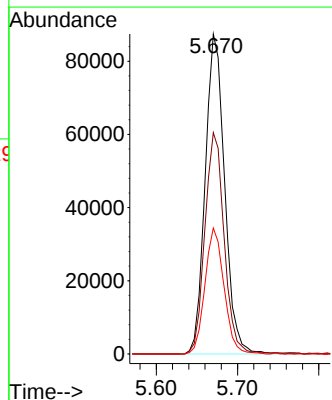
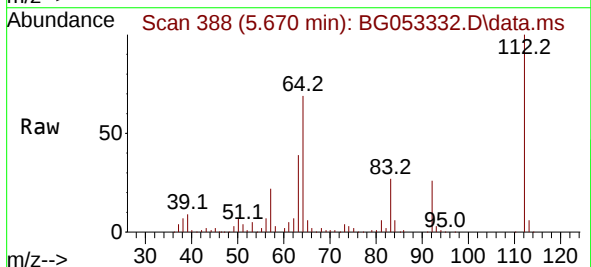
Instrument :
BNA_G
ClientSampleId :
MH-8D

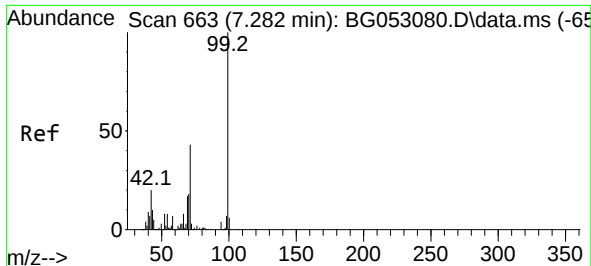
Tgt Ion:152 Resp: 19400
Ion Ratio Lower Upper
152 100
150 155.4 114.6 172.0
115 61.6 45.9 68.9



#5
2-Fluorophenol
Concen: 128.255 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:112 Resp: 145151
Ion Ratio Lower Upper
112 100
64 69.1 48.0 72.0
63 39.4 26.5 39.7

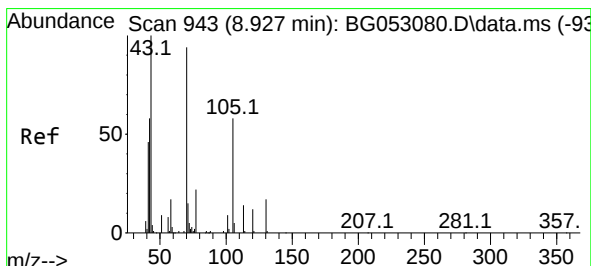
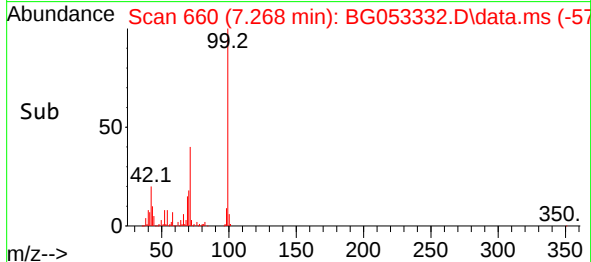
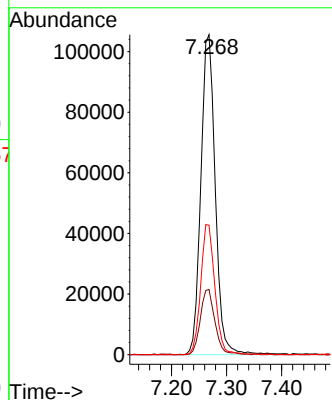
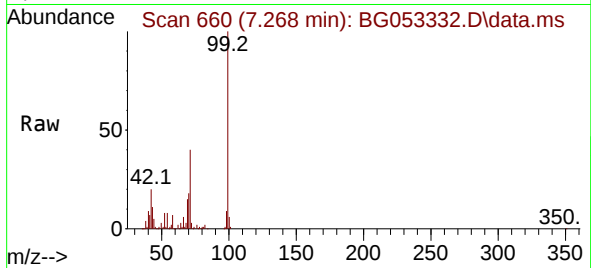




#7
Phenol-d6
Concen: 110.142 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

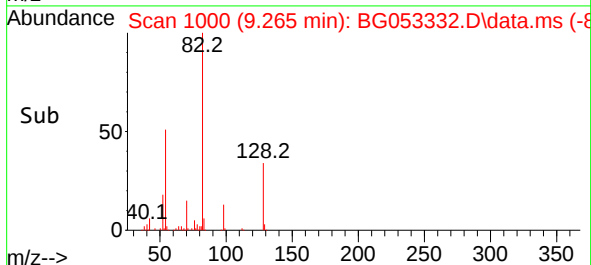
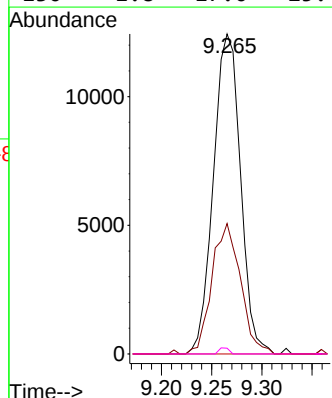
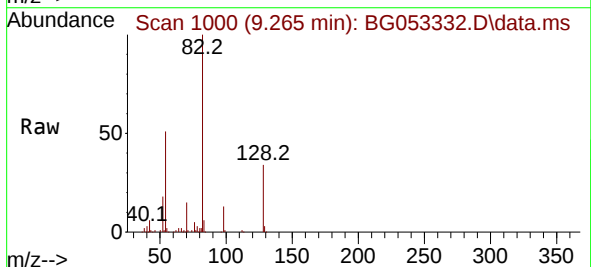
Instrument :
BNA_G
ClientSampleId :
MH-8D

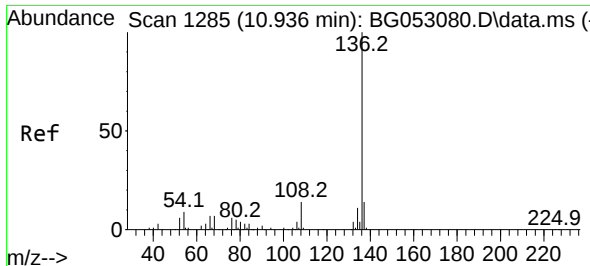
Tgt Ion: 99 Resp: 192225
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 40.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.229 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion: 70 Resp: 23292
Ion Ratio Lower Upper
70 100
42 40.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

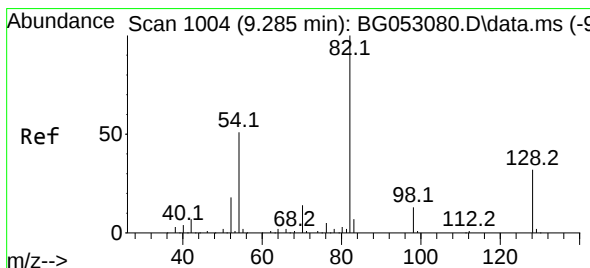
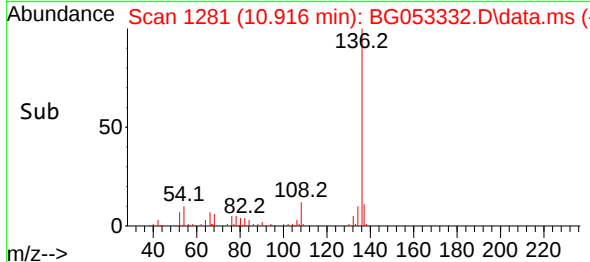
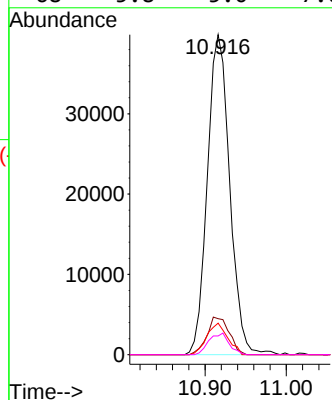
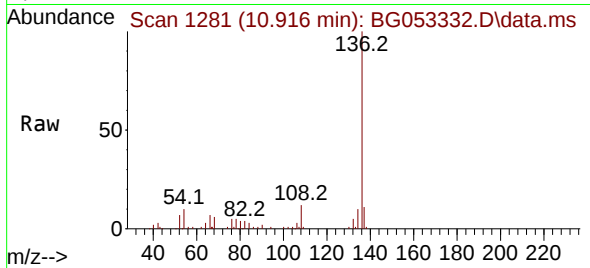




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

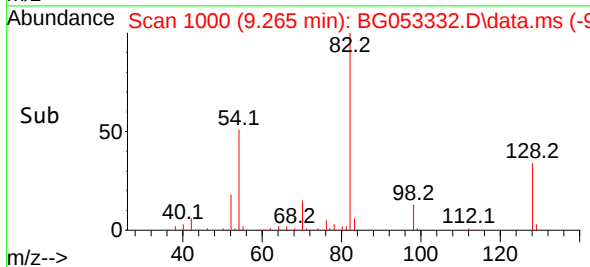
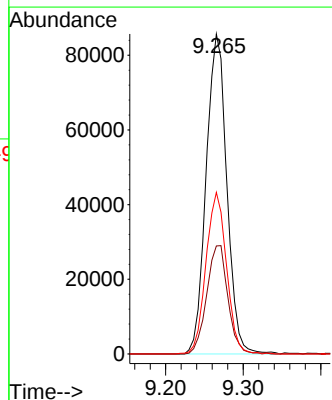
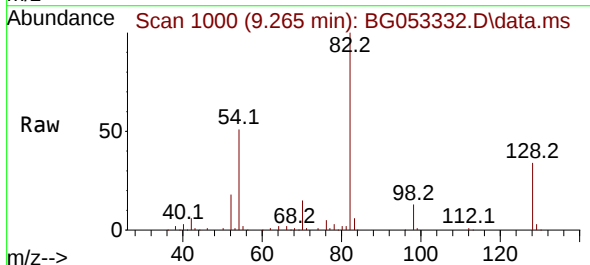
Instrument :
BNA_G
ClientSampleId :
MH-8D

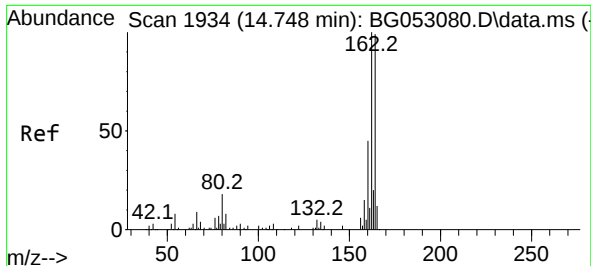
Tgt Ion:	136	Resp:	76133
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	9.8	6.4	9.6#
68	5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 84.572 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:	82	Resp:	158576
Ion Ratio	Lower	Upper	
82	100		
128	33.8	31.3	46.9
54	50.5	37.8	56.8

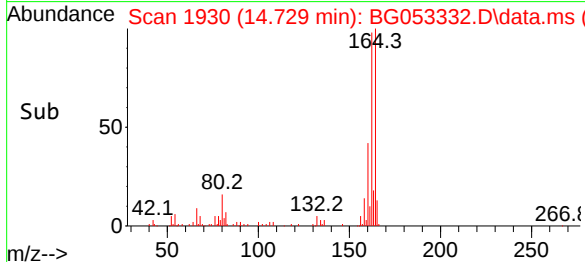
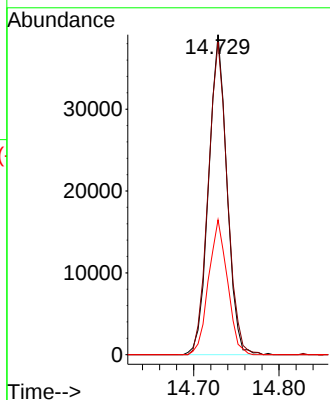
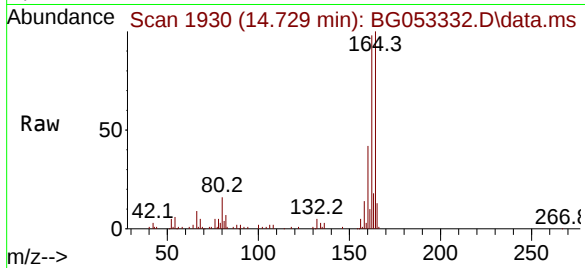




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

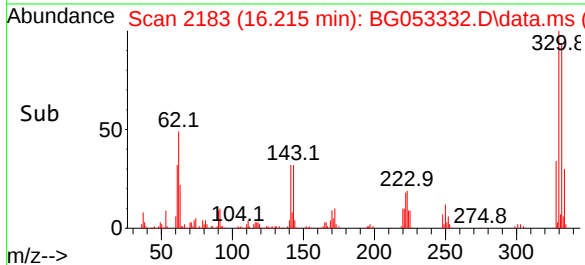
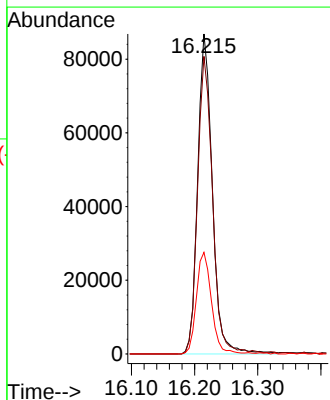
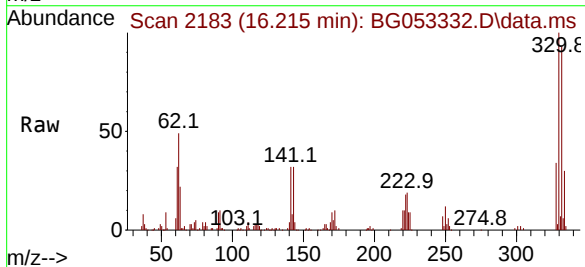
Instrument :
BNA_G
ClientSampleId :
MH-8D

Tgt Ion:164 Resp: 58285
Ion Ratio Lower Upper
164 100
162 97.7 80.0 120.0
160 42.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 151.192 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:330 Resp: 140199
Ion Ratio Lower Upper
330 100
332 94.8 75.8 113.6
141 32.7 24.6 36.8

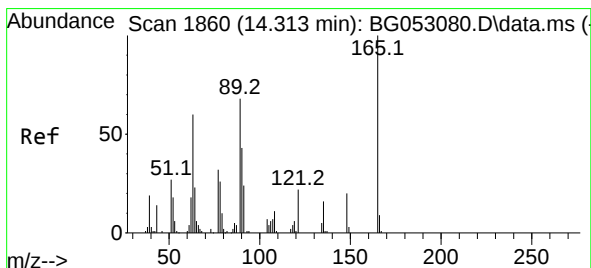
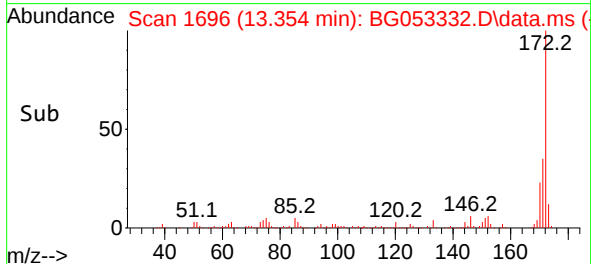
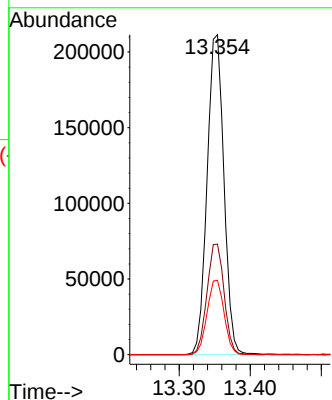
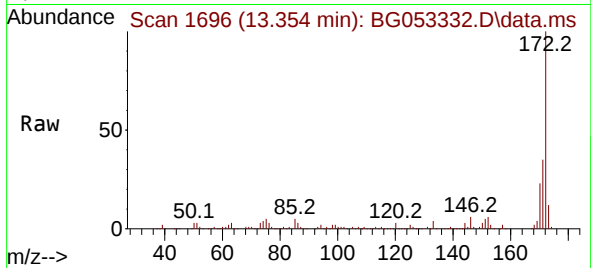




#45
2-Fluorobiphenyl
Concen: 82.370 ng
RT: 13.354 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

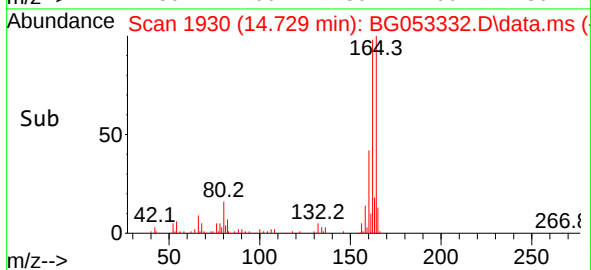
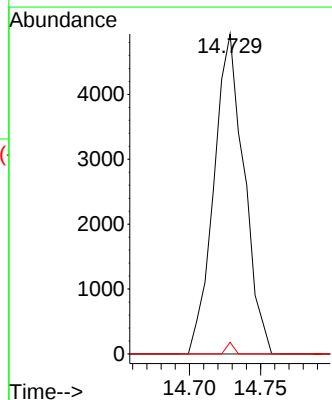
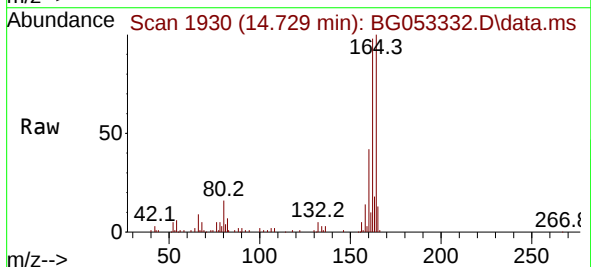
Instrument :
BNA_G
ClientSampleId :
MH-8D

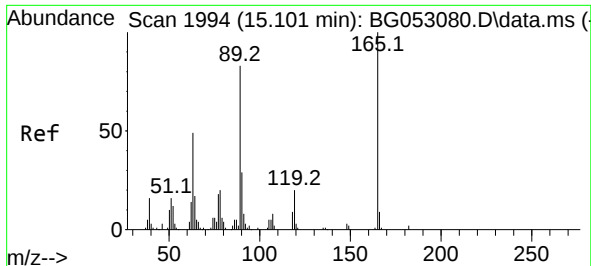
Tgt Ion:172 Resp: 348169
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.485 ng
RT: 14.729 min Scan# 1930
Delta R.T. 0.423 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:165 Resp: 7280
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.7 45.0 67.4#

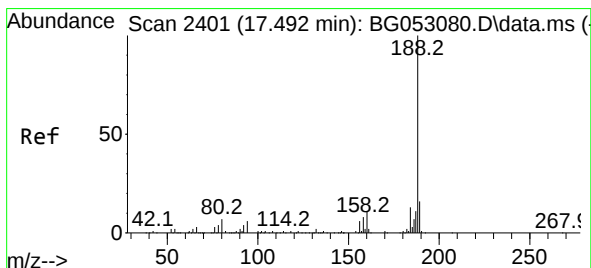
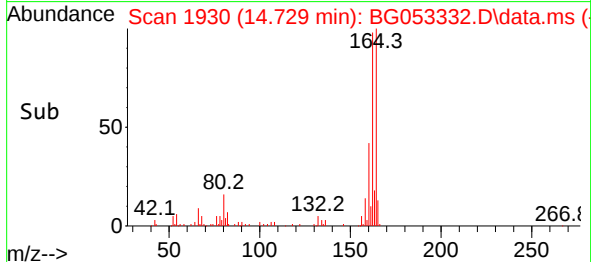
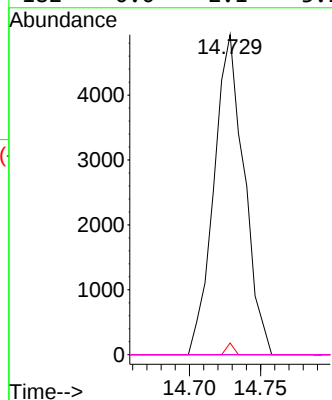
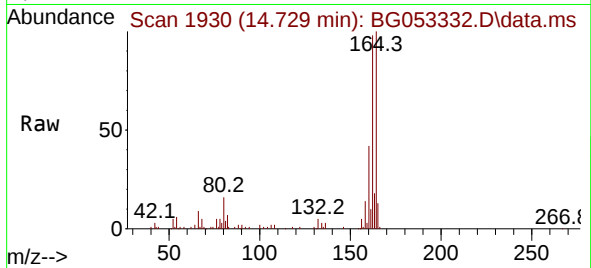




#57
2,4-Dinitrotoluene
Concen: 5.258 ng
RT: 14.729 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

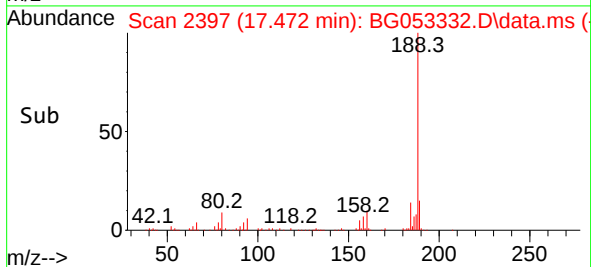
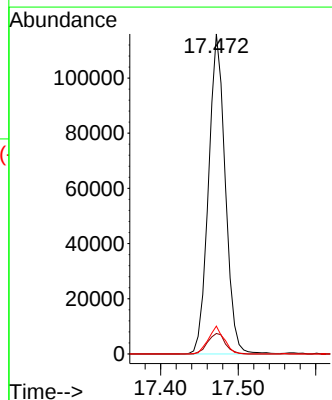
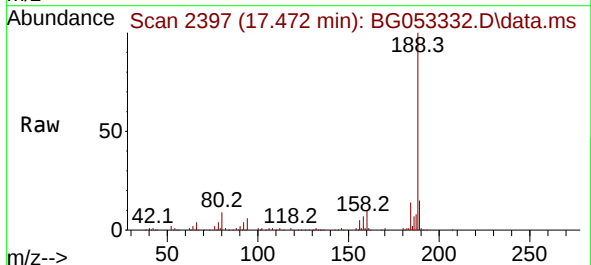
Instrument :
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ClientSampleId :
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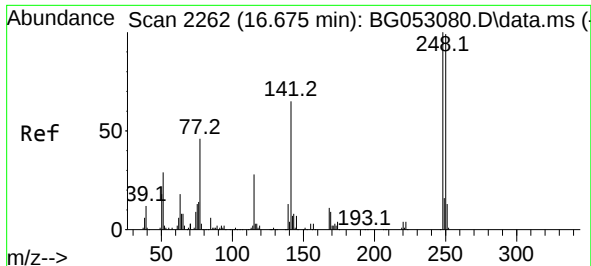
Tgt Ion:165 Resp: 7280
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.7 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 2397
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:188 Resp: 173871
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 8.7 7.2 10.8

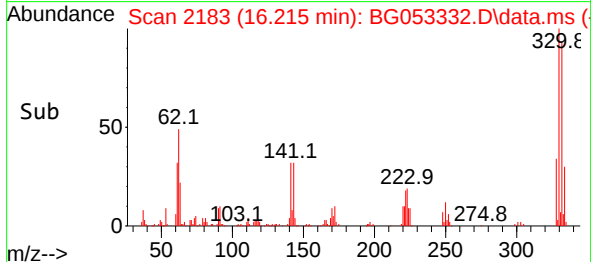
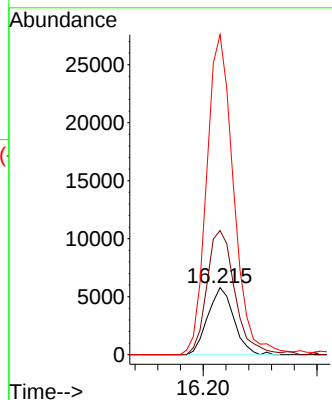
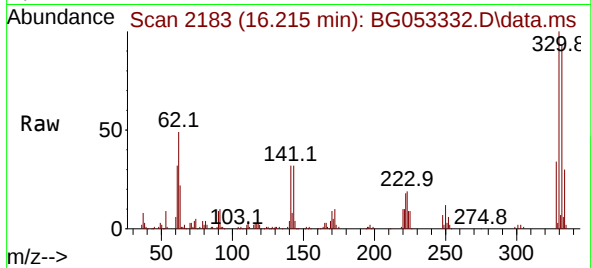




#67
4-Bromophenyl-phenylether
Concen: 4.127 ng
RT: 16.215 min Scan# 21183
Delta R.T. -0.446 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

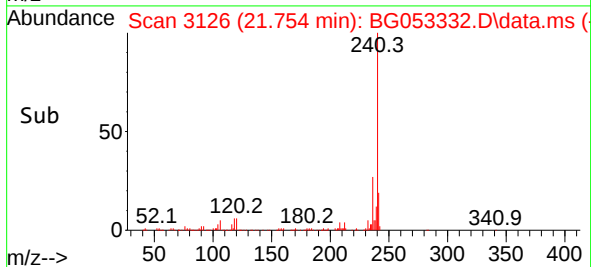
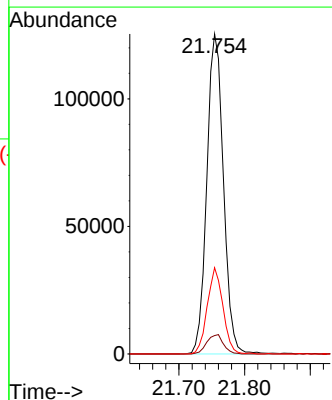
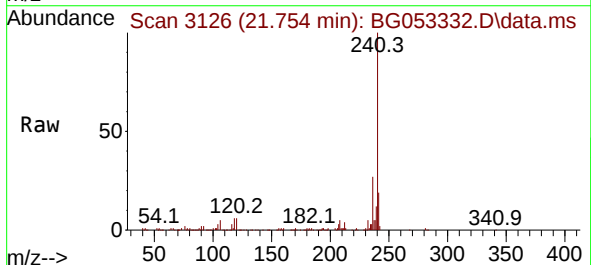
Instrument :
BNA_G
ClientSampleId :
MH-8D

Tgt Ion:248 Resp: 9195
Ion Ratio Lower Upper
248 100
250 185.4 77.9 116.9#
141 477.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:240 Resp: 221217
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 27.0 19.8 29.6

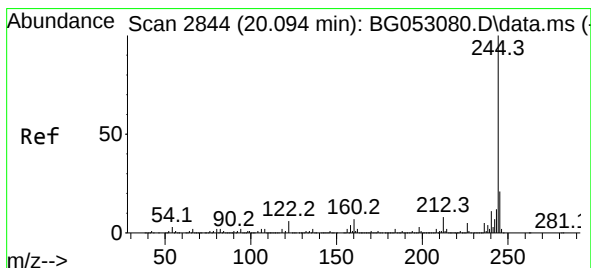
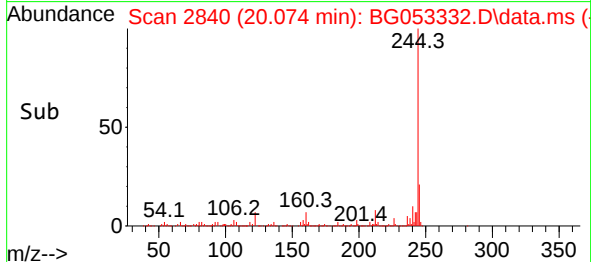
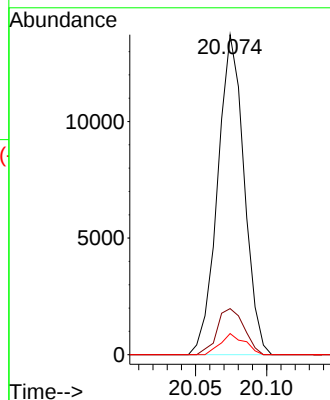
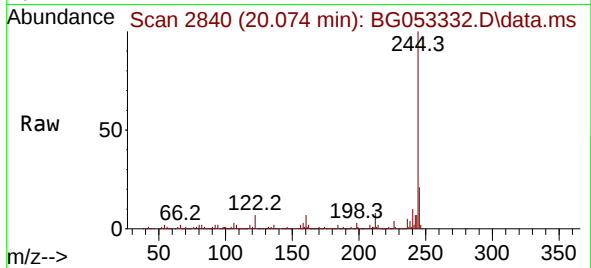




#77
Benzidine
Concen: 2.813 ng
RT: 20.074 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

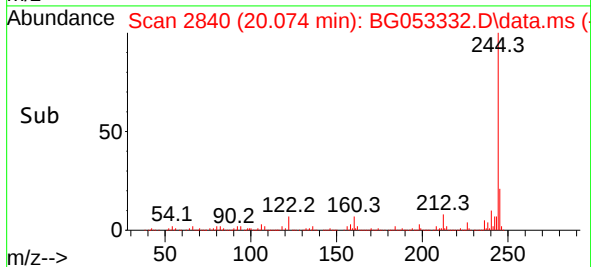
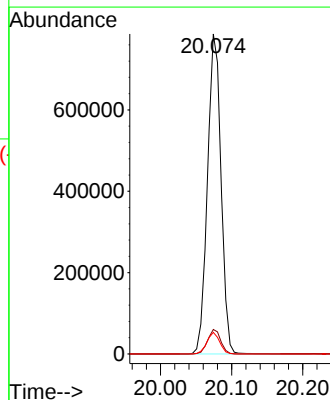
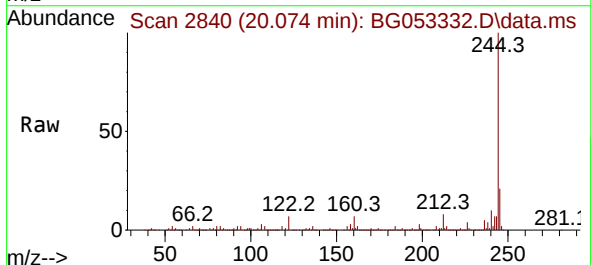
Instrument :
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ClientSampleId :
MH-8D

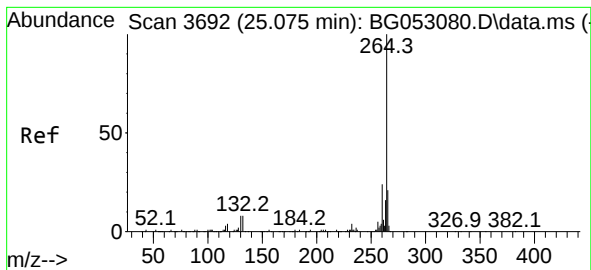
Tgt Ion:184 Resp: 17753
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 79.636 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BG053332.D
Acq: 26 Apr 2022 22:45

Tgt Ion:244 Resp: 1043091
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.7 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.044 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG053332.D

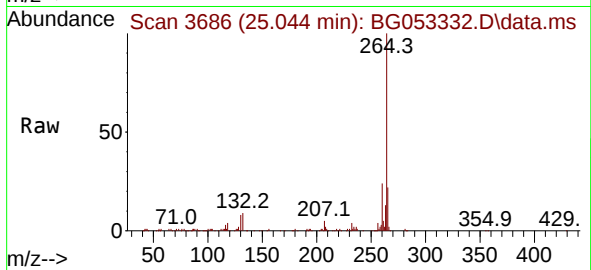
Acq: 26 Apr 2022 22:45

Instrument :

BNA_G

ClientSampleId :

MH-8D



Tgt Ion:264 Resp: 216432

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 22.0 15.1 22.7

