

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053322.D
 Acq On : 26 Apr 2022 16:12
 Operator : CG/JU
 Sample : PB144364TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144364TB

Quant Time: Apr 27 03:37:24 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)

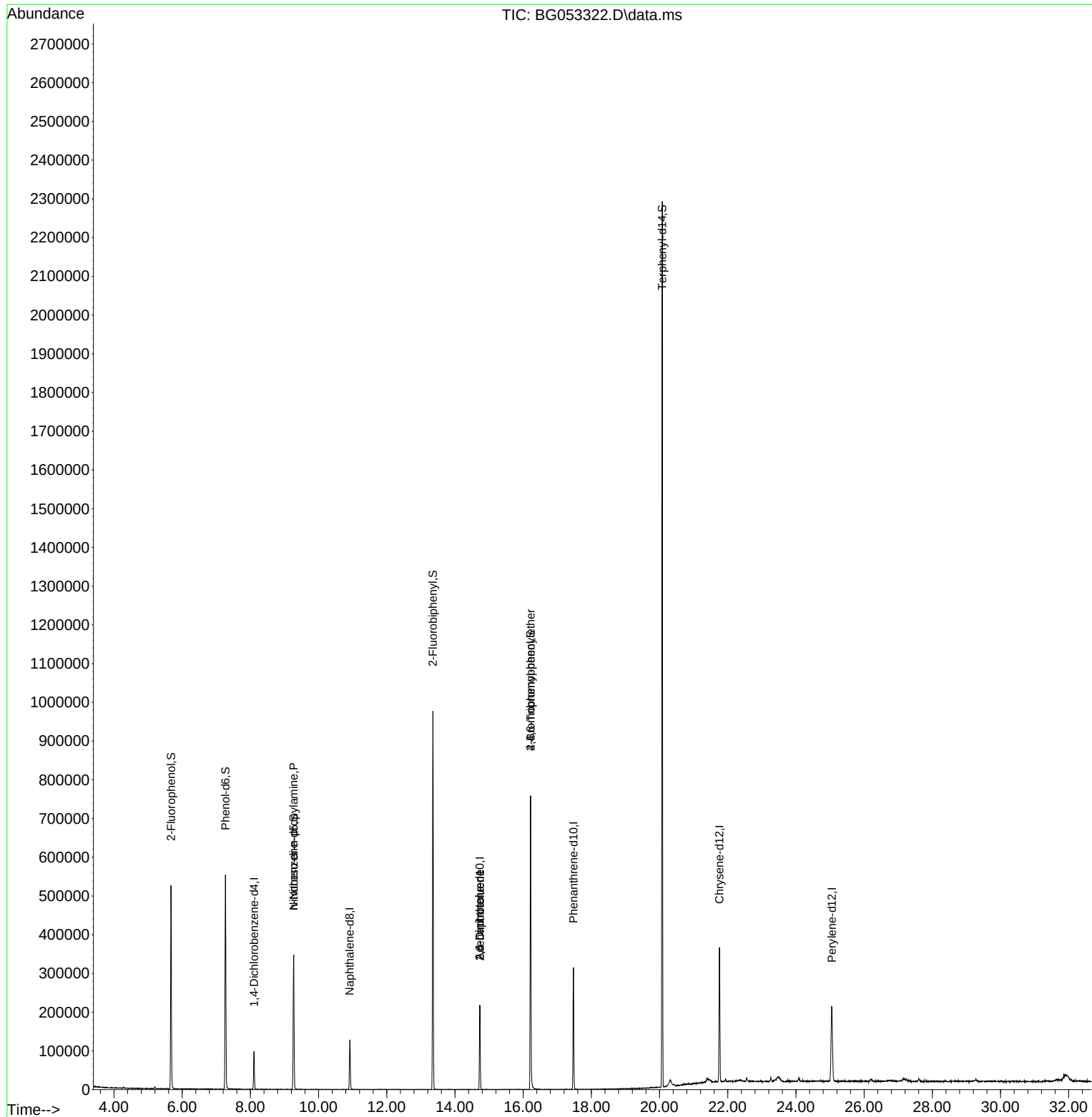
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	26402	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	107739	20.000	ng	# 0.00
39) Acenaphthene-d10	14.727	164	82946	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	211940	20.000	ng	0.00
76) Chrysene-d12	21.753	240	231993	20.000	ng	-0.01
86) Perylene-d12	25.054	264	221883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	219433	142.470	ng	0.00
7) Phenol-d6	7.267	99	313674	132.064	ng	0.00
23) Nitrobenzene-d5	9.270	82	225314	84.914	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	161613	122.468	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	505559	84.045	ng	0.00
79) Terphenyl-d14	20.079	244	1136722	82.753	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.270	70	32017	18.412	ng	# 76
51) 2,6-Dinitrotoluene	14.727	165	10448	7.549	ng	# 25
57) 2,4-Dinitrotoluene	14.727	165	10448	5.302	ng	# 24
67) 4-Bromophenyl-phenylether	16.219	248	10616	3.909	ng	# 1

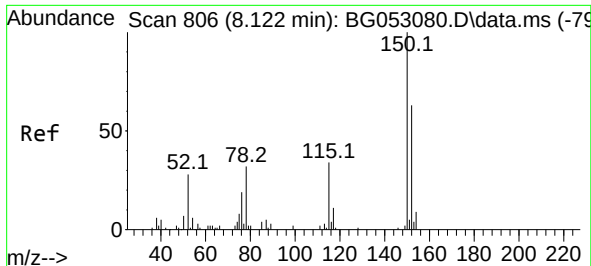
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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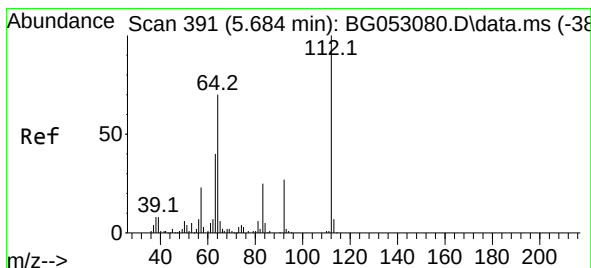
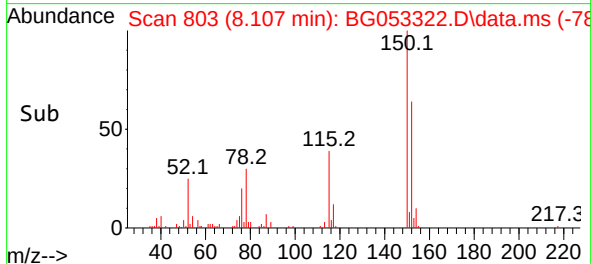
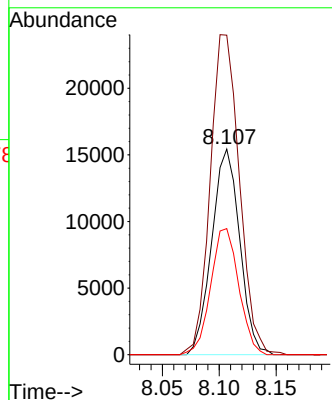
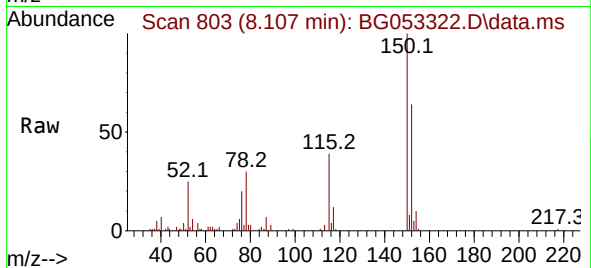




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

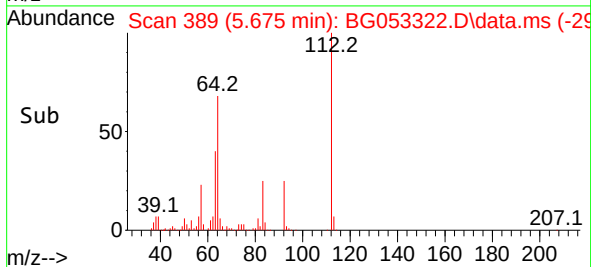
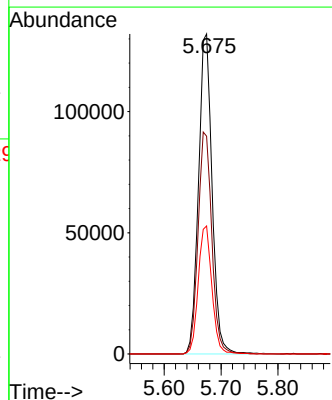
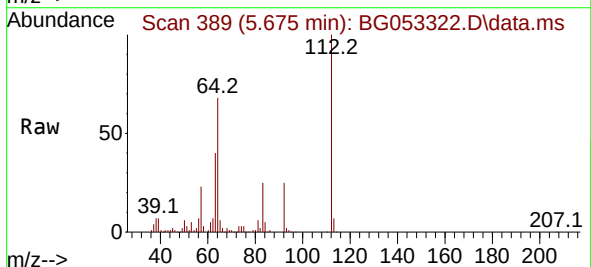
Instrument :
BNA_G
ClientSampleId :
PB144364TB

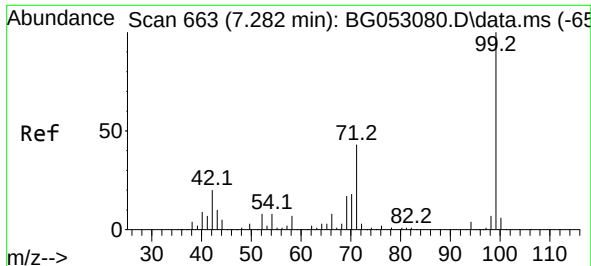
Tgt Ion:152 Resp: 26402
Ion Ratio Lower Upper
152 100
150 155.4 114.6 172.0
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 142.470 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion:112 Resp: 219433
Ion Ratio Lower Upper
112 100
64 68.1 48.0 72.0
63 40.0 26.5 39.7#

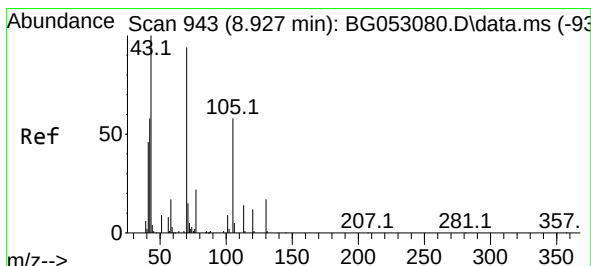
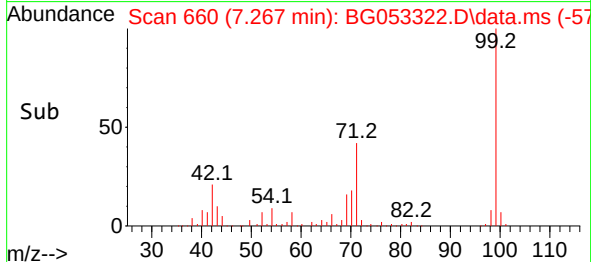
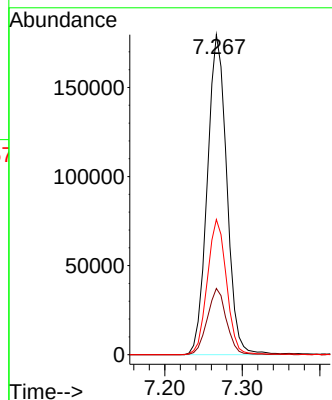
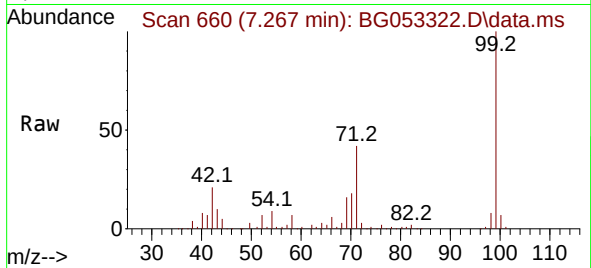




#7
Phenol-d6
Concen: 132.064 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

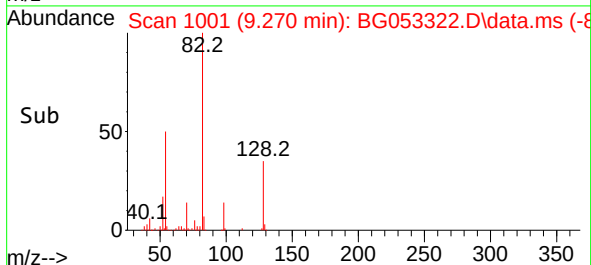
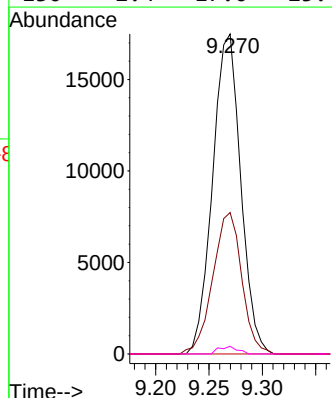
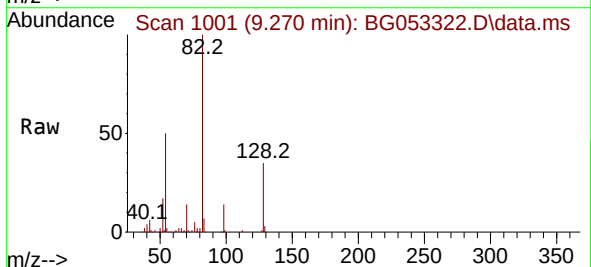
Instrument :
BNA_G
ClientSampleId :
PB144364TB

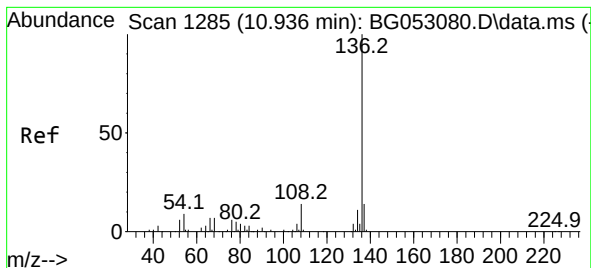
Tgt Ion: 99 Resp: 313674
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.412 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.357 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion: 70 Resp: 32017
Ion Ratio Lower Upper
70 100
42 44.2 46.0 69.0#
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

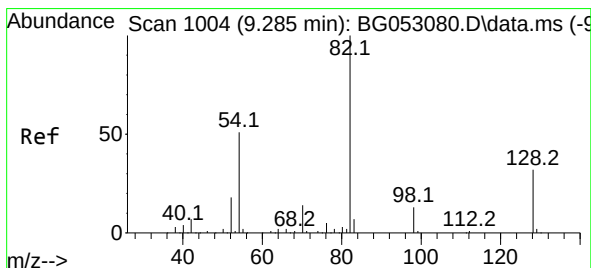
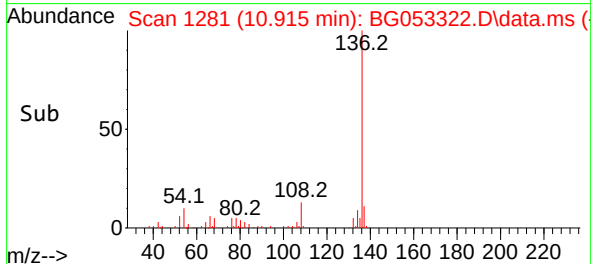
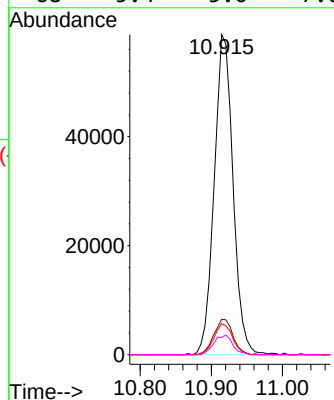
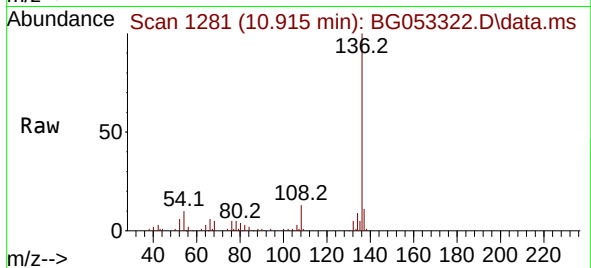




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

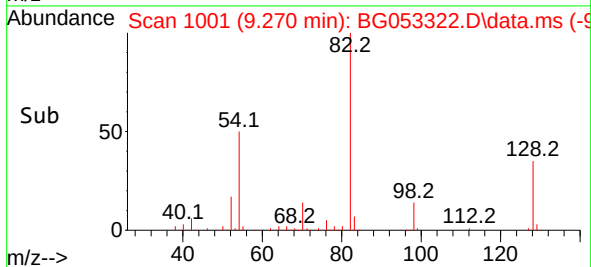
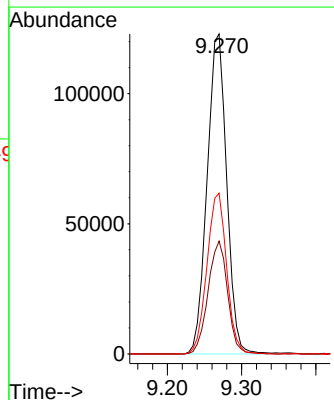
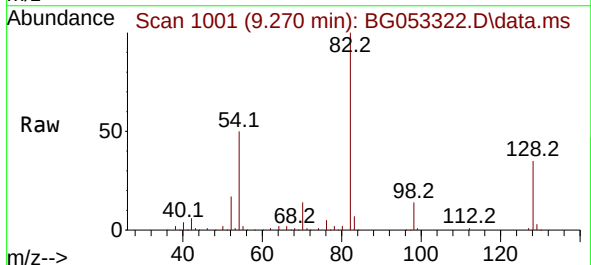
Instrument :
BNA_G
ClientSampleId :
PB144364TB

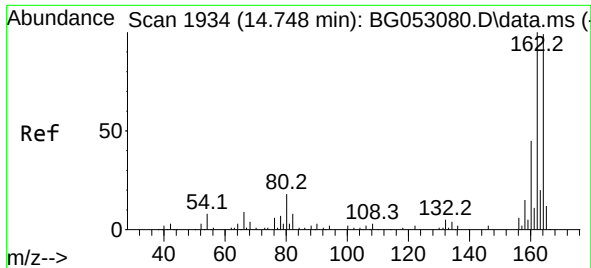
Tgt Ion:136 Resp: 107739
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.7 6.4 9.6#
68 5.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 84.914 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion: 82 Resp: 225314
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 50.3 37.8 56.8

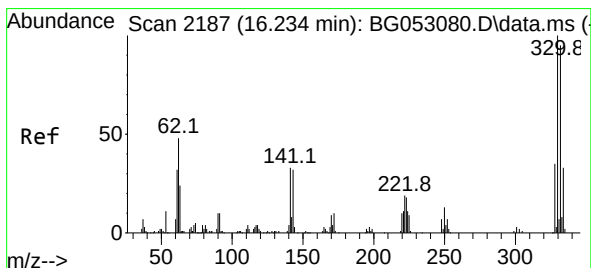
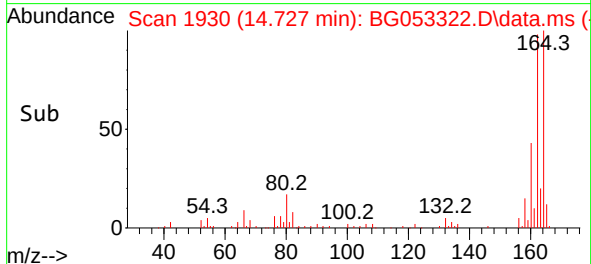
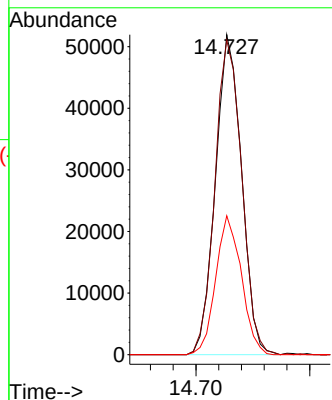
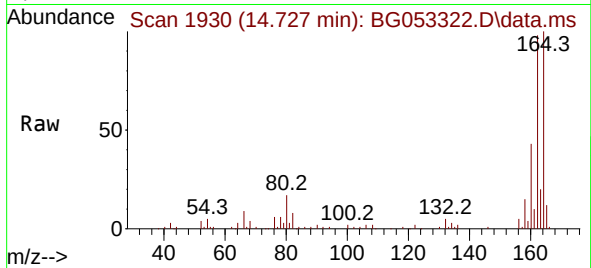




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

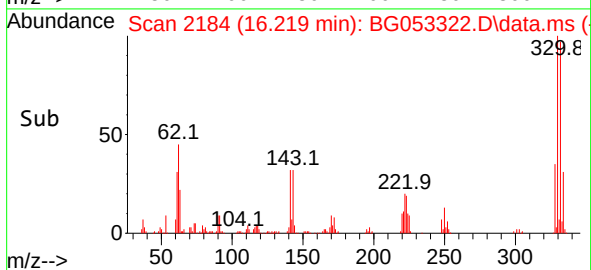
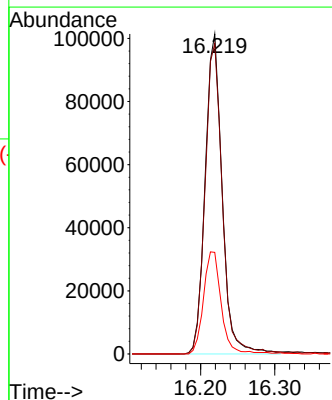
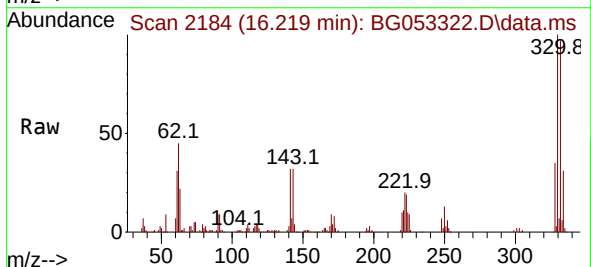
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ClientSampleId :
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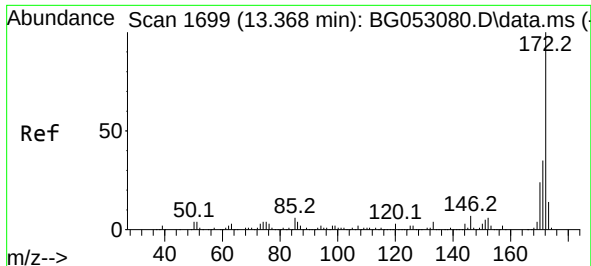
Tgt Ion:164 Resp: 82946
Ion Ratio Lower Upper
164 100
162 98.3 80.0 120.0
160 43.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 122.468 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion:330 Resp: 161613
Ion Ratio Lower Upper
330 100
332 98.2 75.8 113.6
141 33.5 24.6 36.8

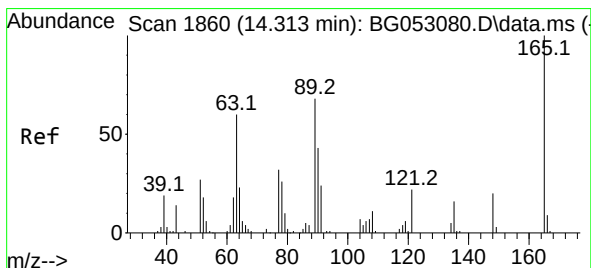
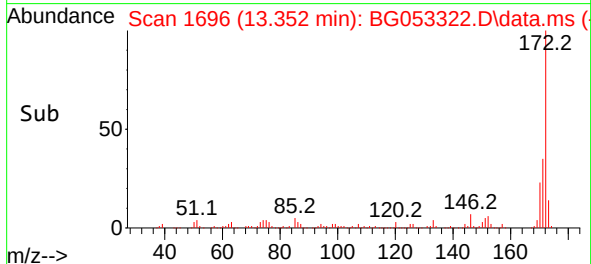
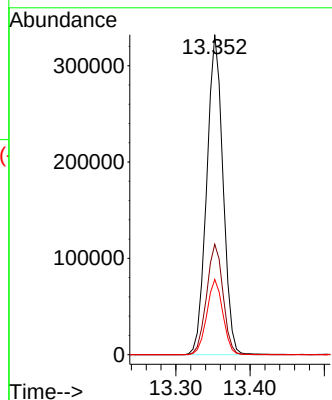
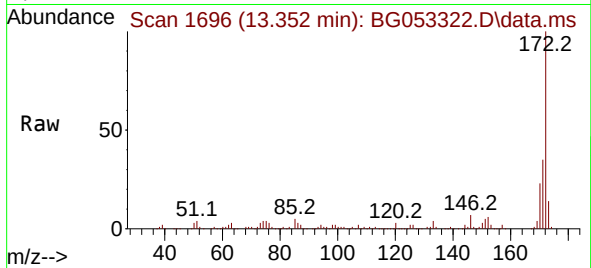




#45
2-Fluorobiphenyl
Concen: 84.045 ng
RT: 13.352 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

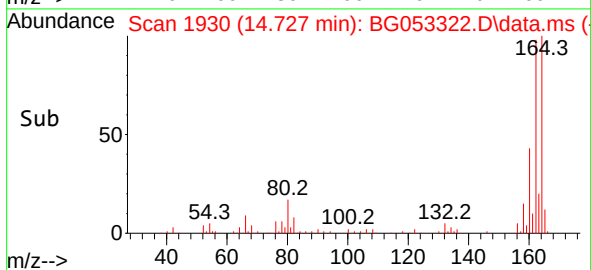
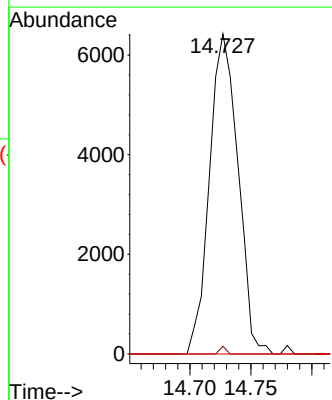
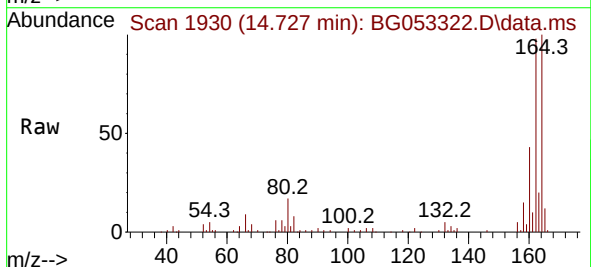
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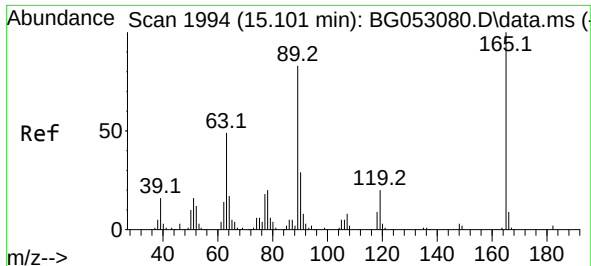
Tgt Ion:172 Resp: 505559
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.549 ng
RT: 14.727 min Scan# 1930
Delta R.T. 0.422 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion:165 Resp: 10448
Ion Ratio Lower Upper
165 100
63 2.4 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.302 ng

RT: 14.727 min Scan# 1994

Delta R.T. -0.365 min

Lab File: BG053322.D

Acq: 26 Apr 2022 16:12

Instrument :

BNA_G

ClientSampleId :

PB144364TB

Tgt Ion:165 Resp: 10448

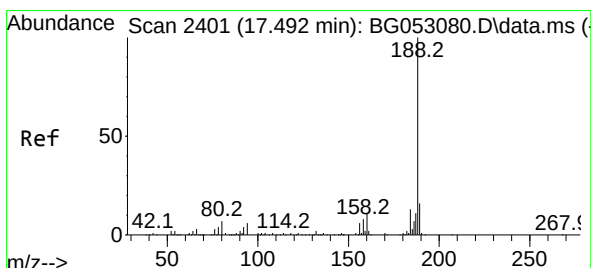
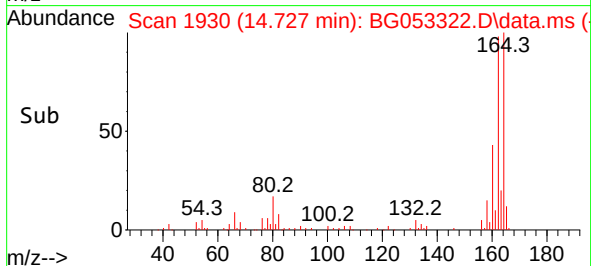
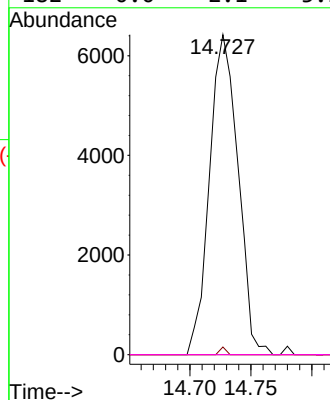
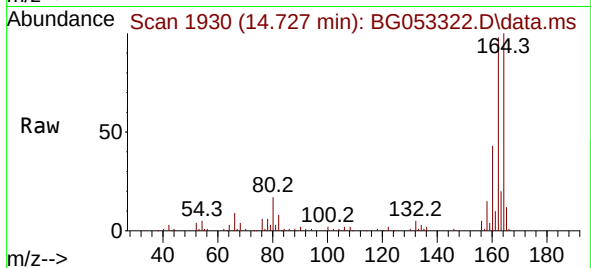
Ion Ratio Lower Upper

165 100

63 2.4 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: 17.476 min Scan# 2398

Delta R.T. -0.007 min

Lab File: BG053322.D

Acq: 26 Apr 2022 16:12

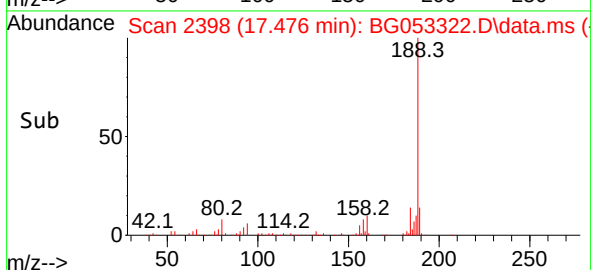
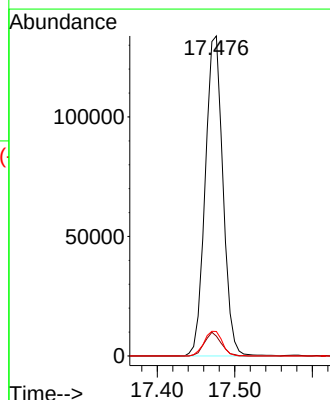
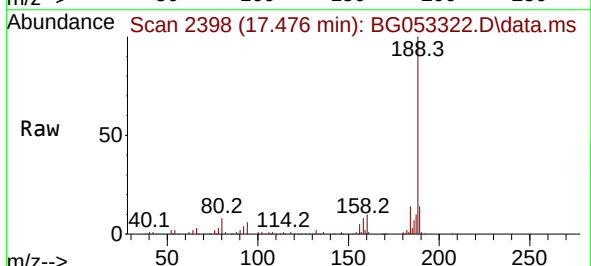
Tgt Ion:188 Resp: 211940

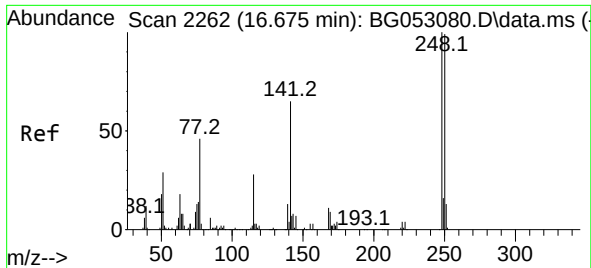
Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

80 7.7 7.2 10.8

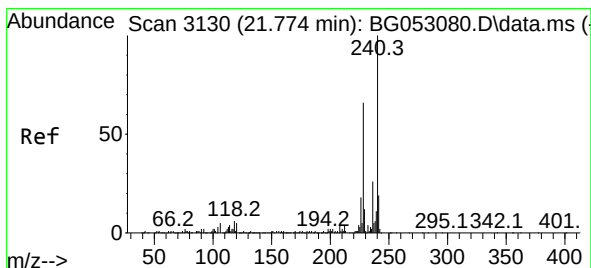
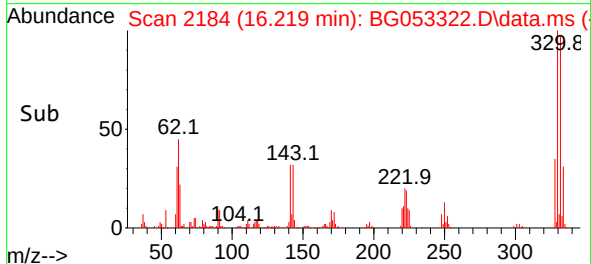
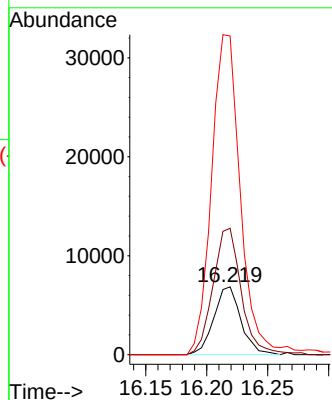
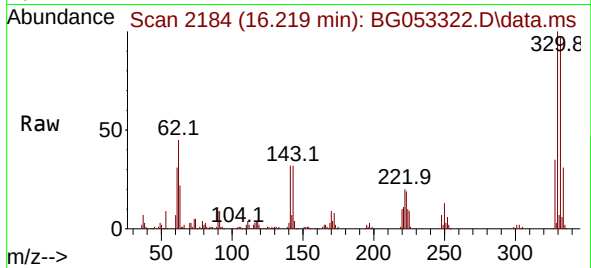




#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 16.219 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

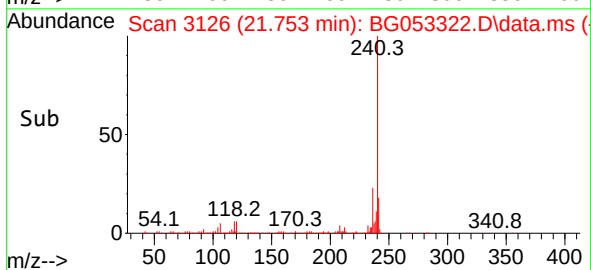
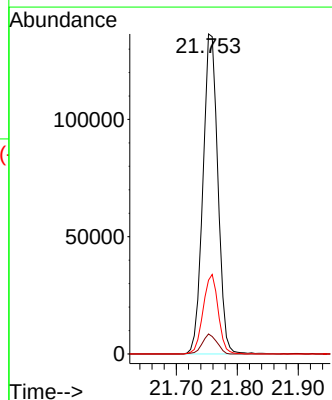
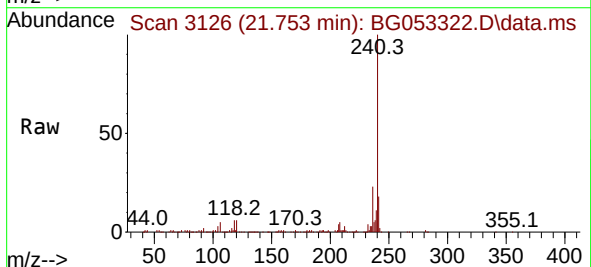
Instrument :
BNA_G
ClientSampleId :
PB144364TB

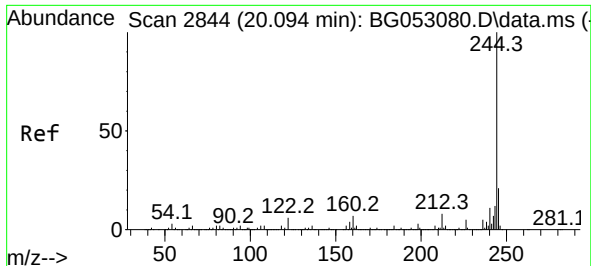
Tgt Ion:248 Resp: 10616
Ion Ratio Lower Upper
248 100
250 186.2 77.9 116.9#
141 469.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053322.D
Acq: 26 Apr 2022 16:12

Tgt Ion:240 Resp: 231993
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 23.1 19.8 29.6

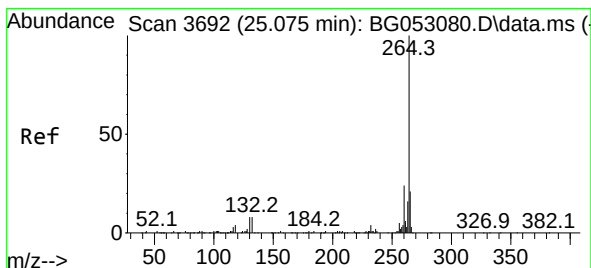
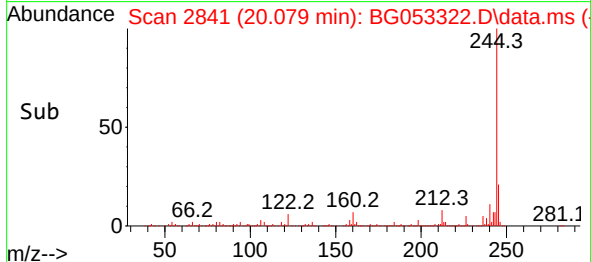
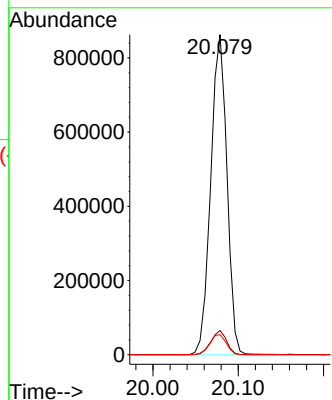
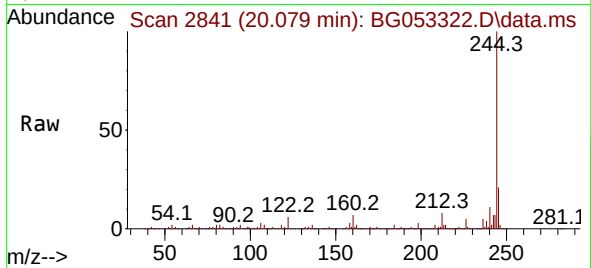




#79
 Terphenyl-d14
 Concen: 82.753 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053322.D
 Acq: 26 Apr 2022 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB144364TB

Tgt Ion:244 Resp: 1136722
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.054 min Scan# 3688
 Delta R.T. -0.007 min
 Lab File: BG053322.D
 Acq: 26 Apr 2022 16:12

Tgt Ion:264 Resp: 221883
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 21.0 15.1 22.7

