

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053345.D
 Acq On : 27 Apr 2022 13:35
 Operator : CG/JU
 Sample : N2572-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-14D

Quant Time: Apr 28 06:40:38 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)

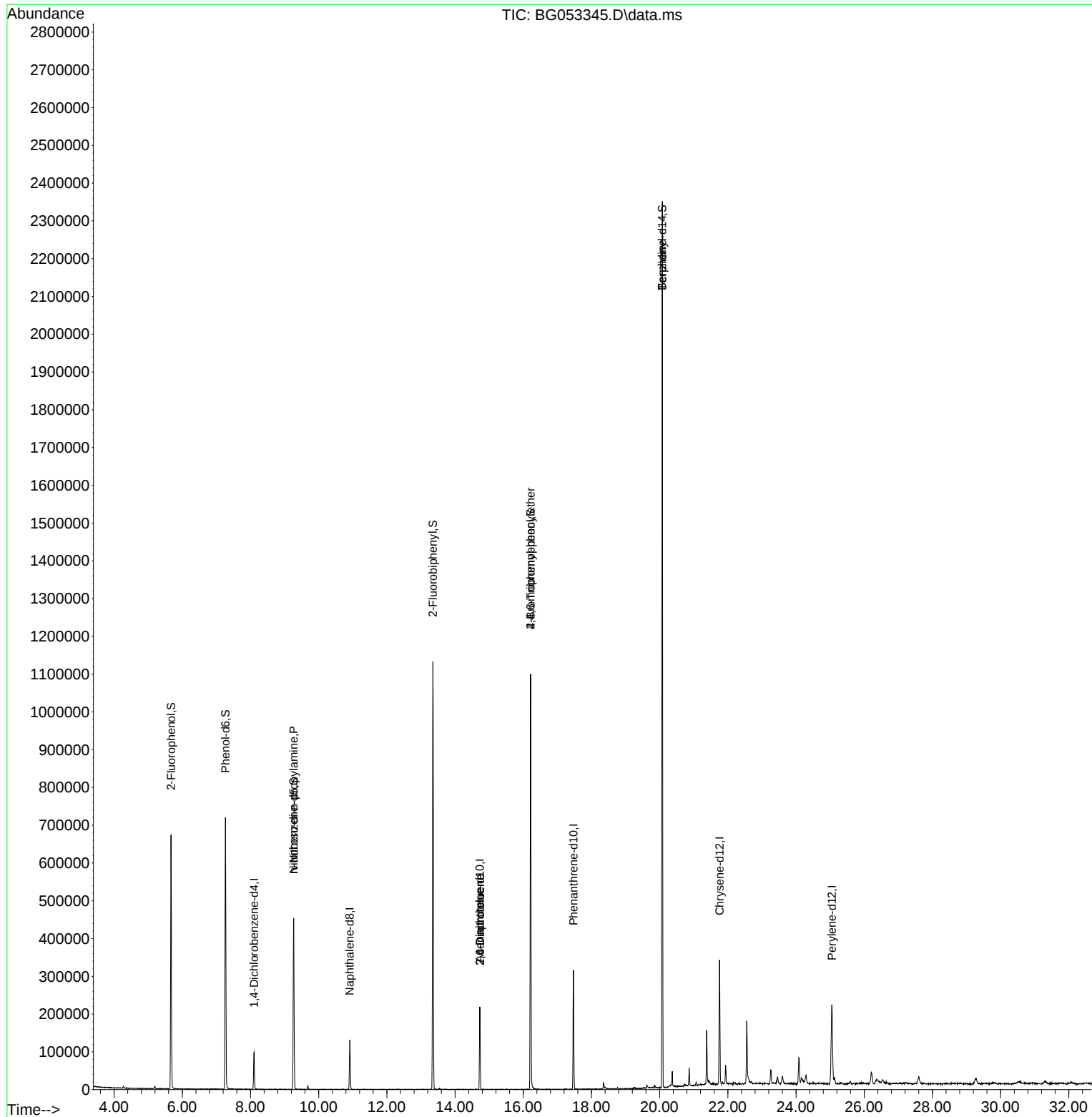
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27402	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	105243	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	80248	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	207444	20.000	ng	0.00
76) Chrysene-d12	21.757	240	214152	20.000	ng	0.00
86) Perylene-d12	25.052	264	213549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	281805	176.288	ng	0.00
7) Phenol-d6	7.265	99	405405	164.456	ng	0.00
23) Nitrobenzene-d5	9.268	82	289226	111.585	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	222423	174.215	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	611583	105.089	ng	0.00
79) Terphenyl-d14	20.077	244	1187459	93.649	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	40745	22.577	ng	# 76
51) 2,6-Dinitrotoluene	14.731	165	10032	7.492	ng	# 26
57) 2,4-Dinitrotoluene	14.731	165	10032	5.262	ng	# 24
67) 4-Bromophenyl-phenylether	16.217	248	14771	5.557	ng	# 1
77) Benzidine	20.077	184	20554	3.364	ng	# 91

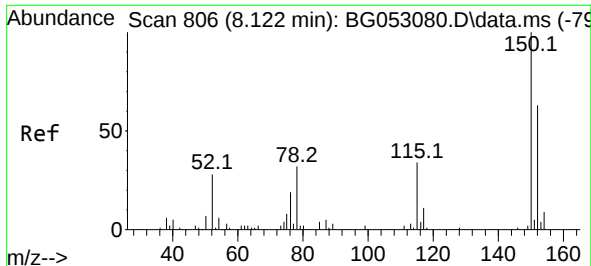
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
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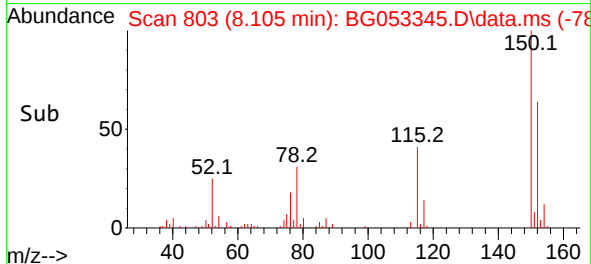
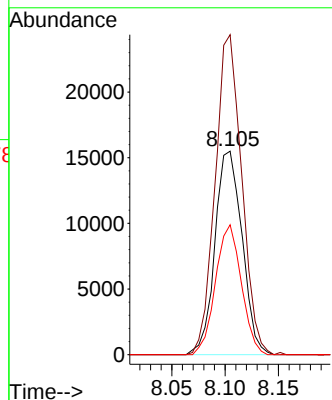
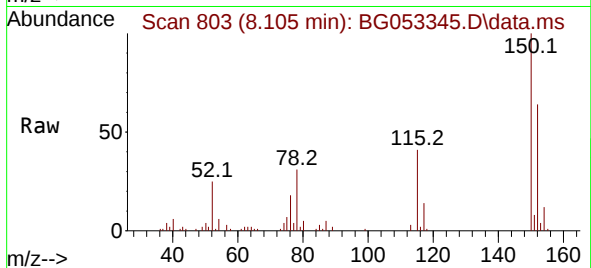




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

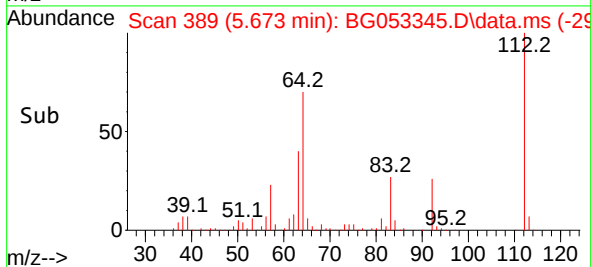
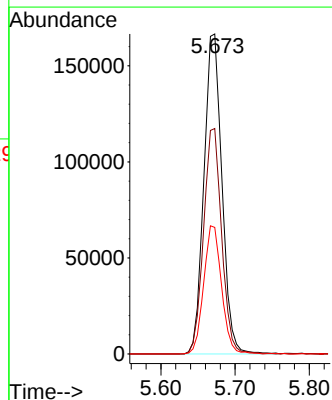
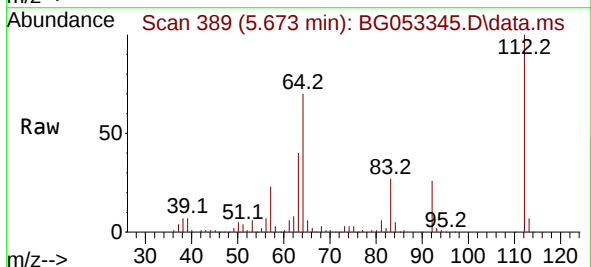
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:152 Resp: 27402
Ion Ratio Lower Upper
152 100
150 157.3 114.6 172.0
115 63.9 45.9 68.9



#5
2-Fluorophenol
Concen: 176.288 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion:112 Resp: 281805
Ion Ratio Lower Upper
112 100
64 70.5 48.0 72.0
63 39.6 26.5 39.7

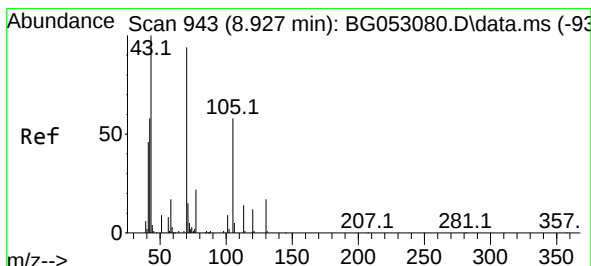
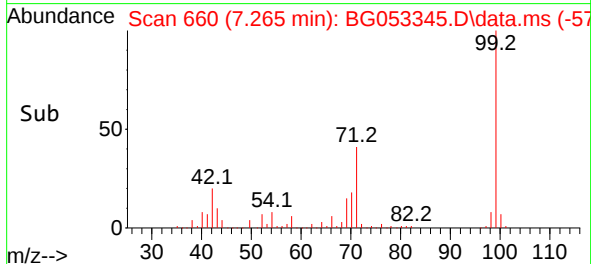
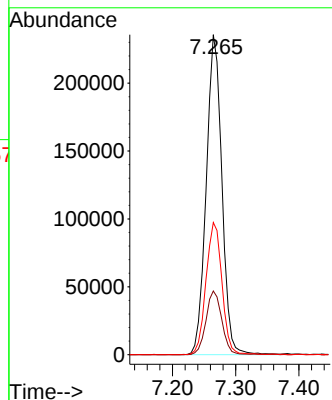
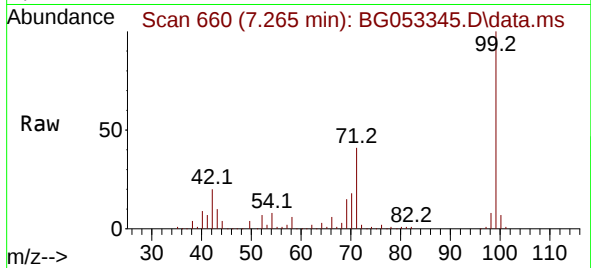




#7
Phenol-d6
Concen: 164.456 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

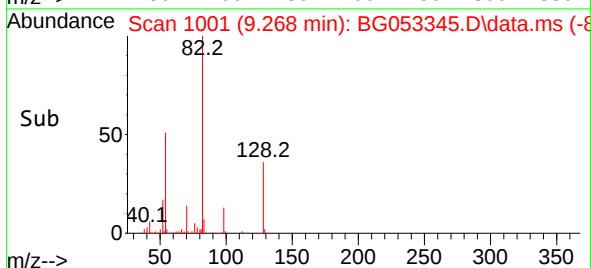
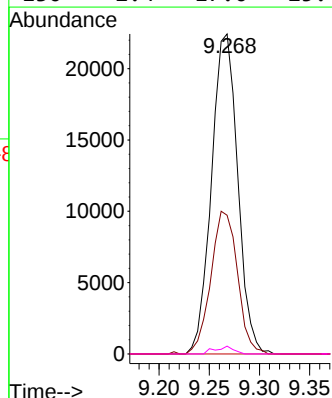
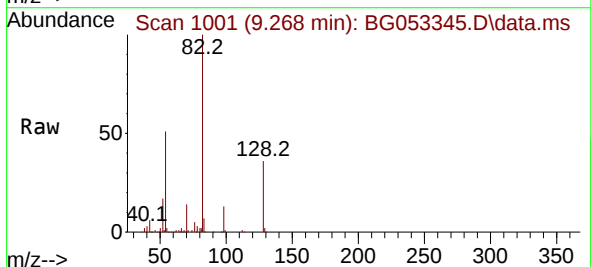
Instrument :
BNA_G
ClientSampleId :
MH-14D

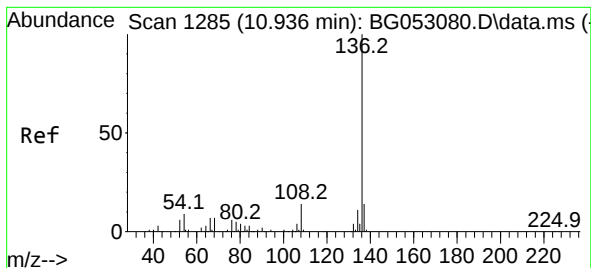
Tgt Ion: 99 Resp: 405405
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.577 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion: 70 Resp: 40745
Ion Ratio Lower Upper
70 100
42 43.4 46.0 69.0#
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

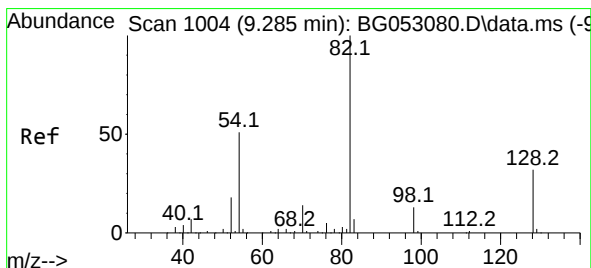
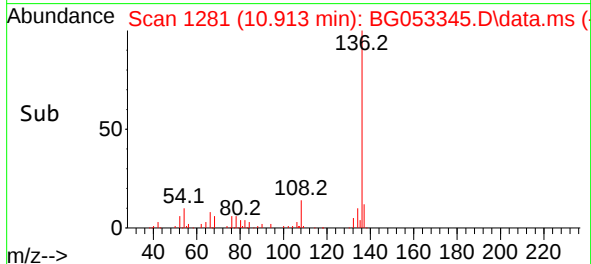
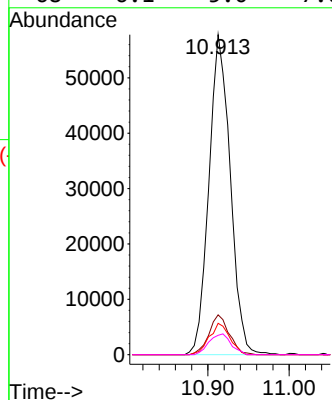
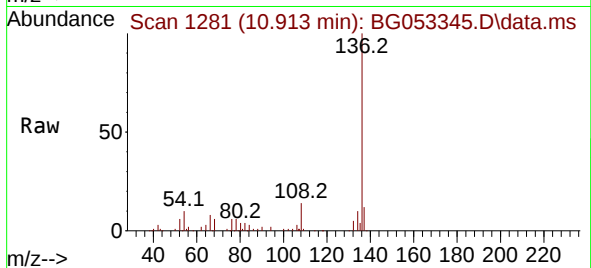




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

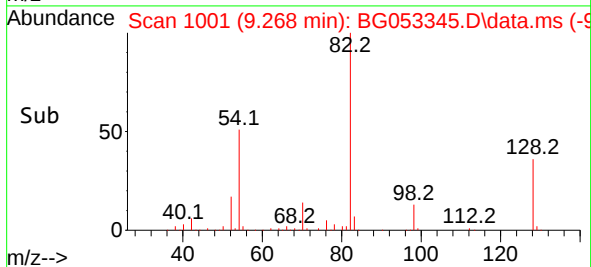
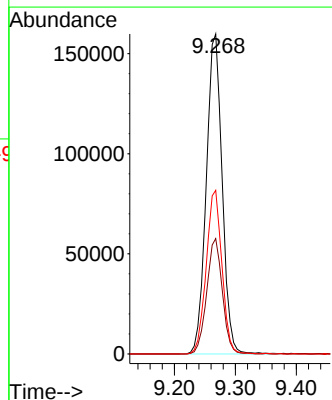
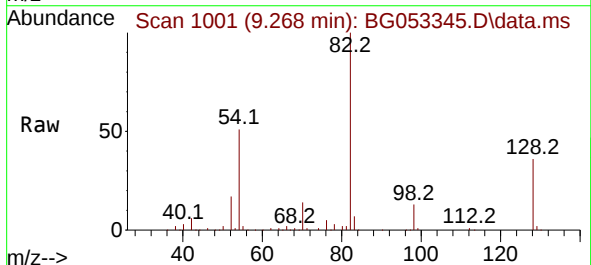
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:136 Resp: 105243
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.2
54 9.8 6.4 9.6#
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 111.585 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion: 82 Resp: 289226
Ion Ratio Lower Upper
82 100
128 36.1 31.3 46.9
54 51.2 37.8 56.8

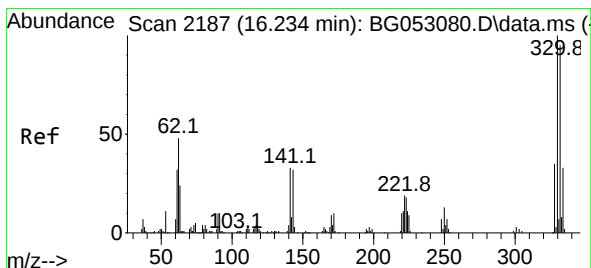
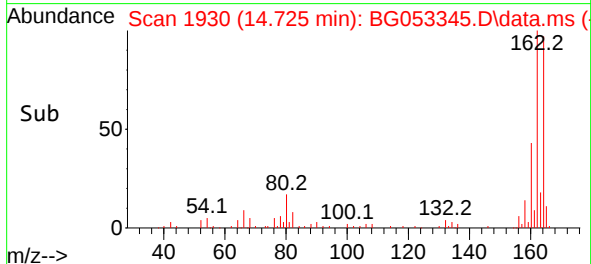
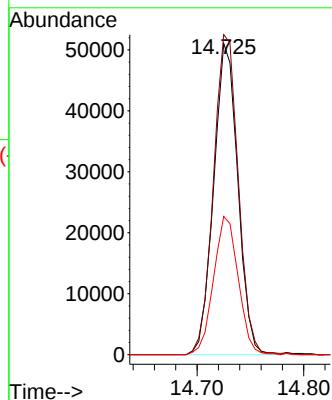
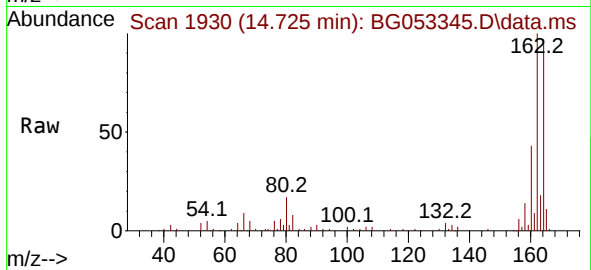




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

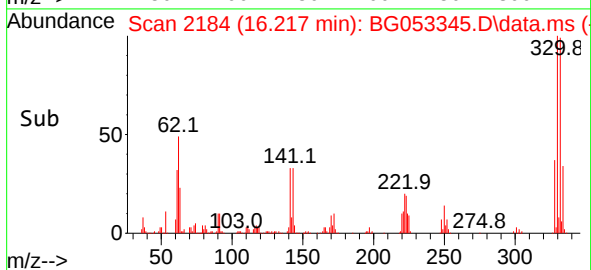
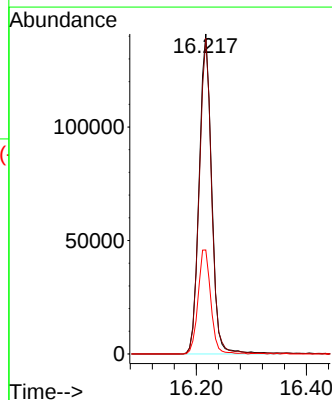
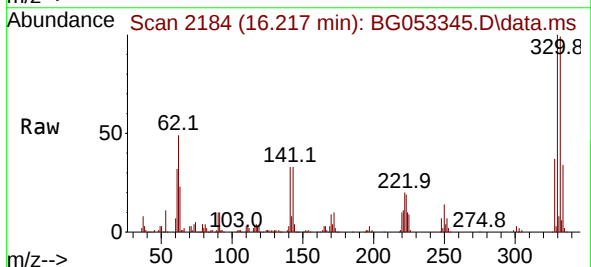
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:164 Resp: 80248
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 44.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 174.215 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion:330 Resp: 222423
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 33.2 24.6 36.8

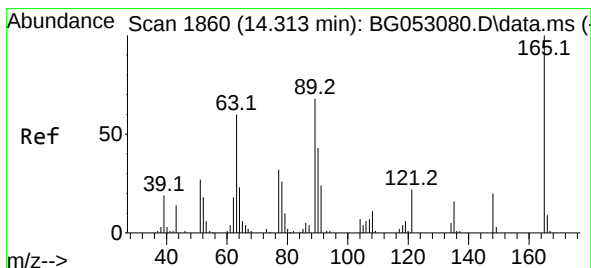
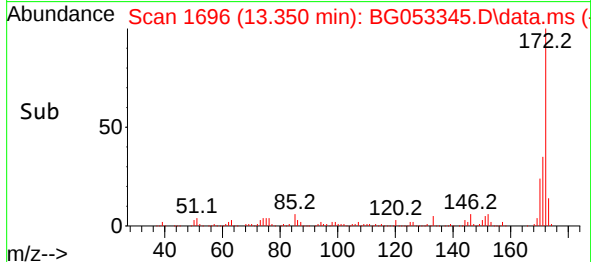
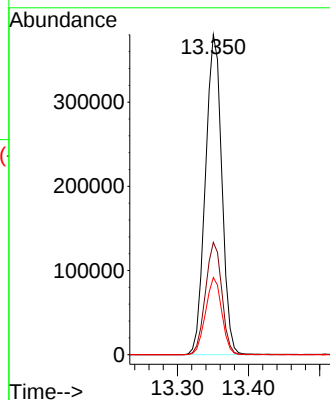
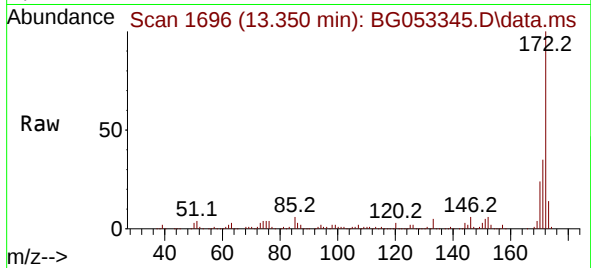




#45
2-Fluorobiphenyl
Concen: 105.089 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

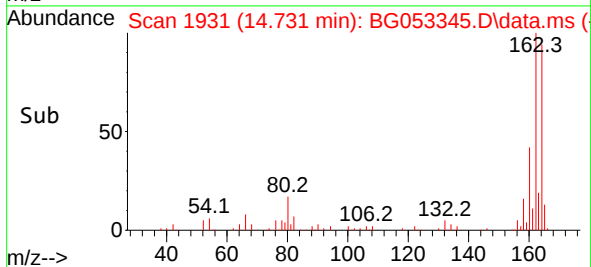
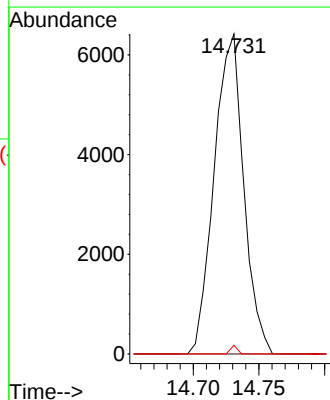
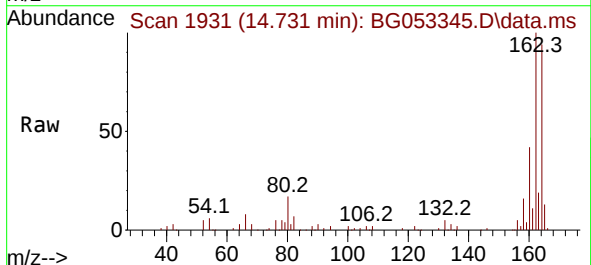
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:172 Resp: 611583
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 24.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.492 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion:165 Resp: 10032
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.7 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.262 ng

RT: 14.731 min Scan# 1994

Delta R.T. -0.361 min

Lab File: BG053345.D

Acq: 27 Apr 2022 13:35

Instrument :

BNA_G

ClientSampleId :

MH-14D

Tgt Ion:165 Resp: 10032

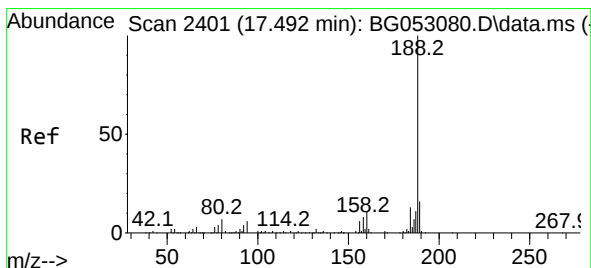
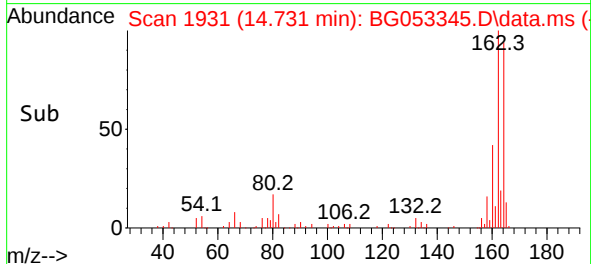
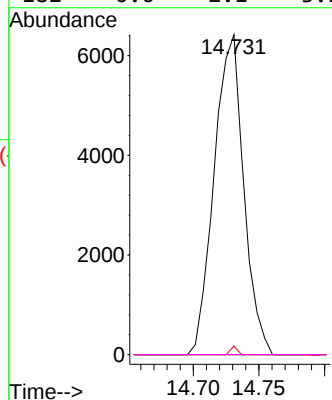
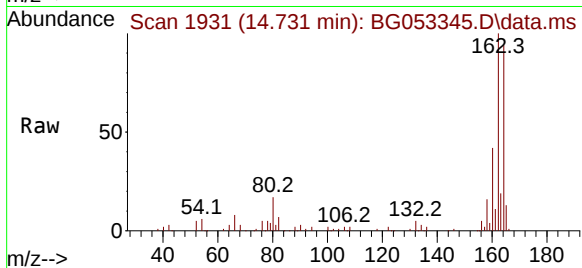
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 2.7 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.474 min Scan# 2398

Delta R.T. -0.009 min

Lab File: BG053345.D

Acq: 27 Apr 2022 13:35

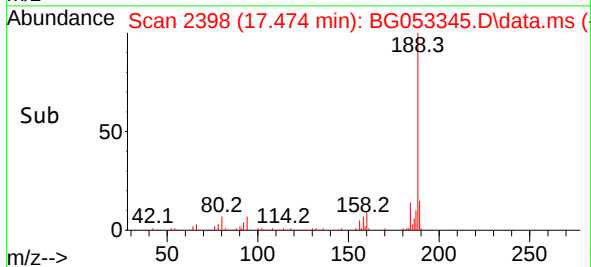
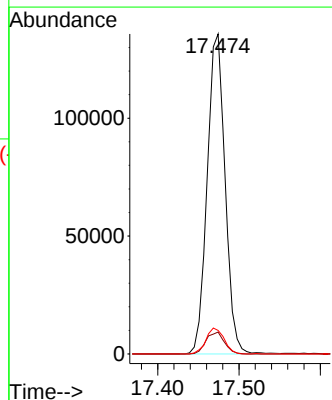
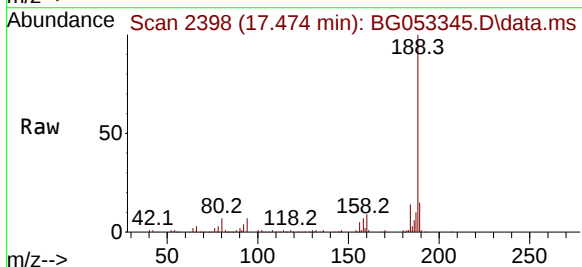
Tgt Ion:188 Resp: 207444

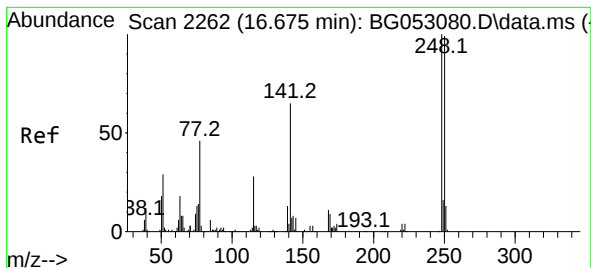
Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 7.4 7.2 10.8

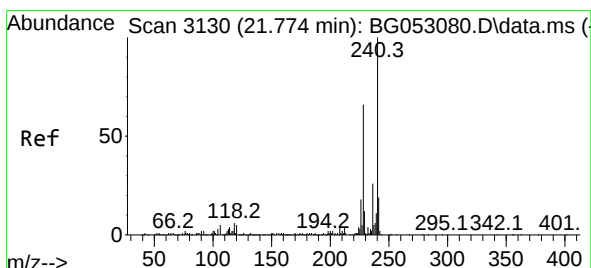
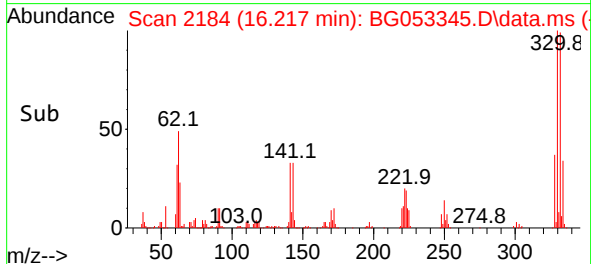
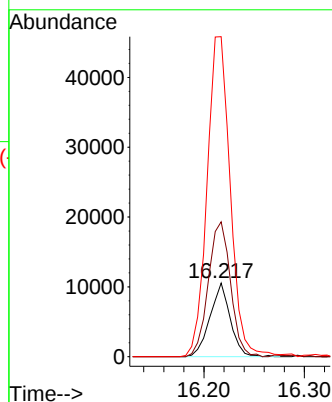
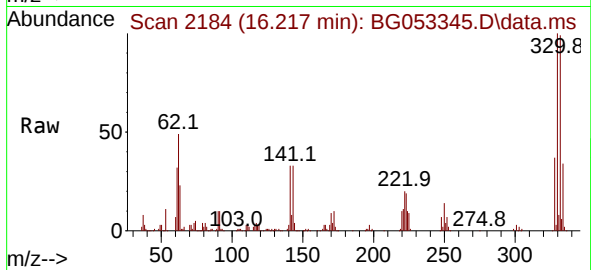




#67
4-Bromophenyl-phenylether
Concen: 5.557 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.444 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

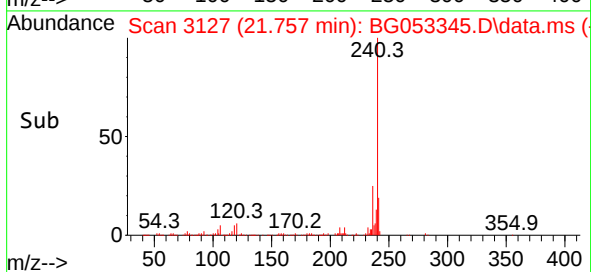
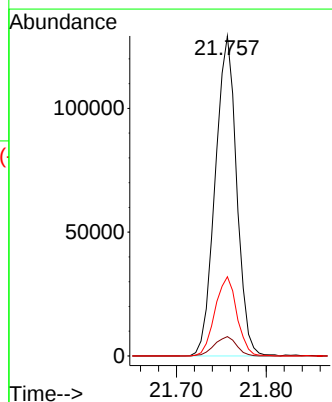
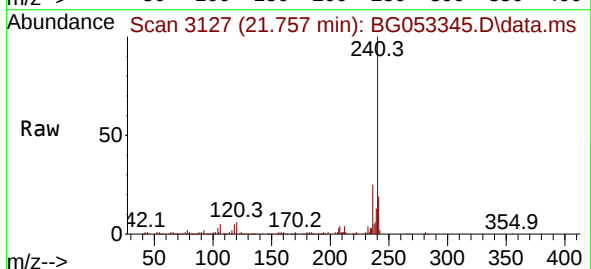
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:248 Resp: 14771
Ion Ratio Lower Upper
248 100
250 183.0 77.9 116.9#
141 434.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion:240 Resp: 214152
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 24.8 19.8 29.6

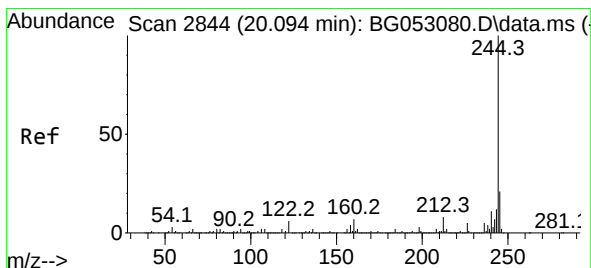
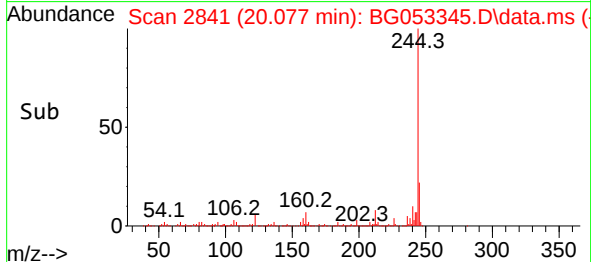
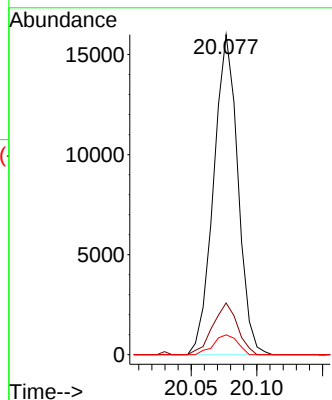
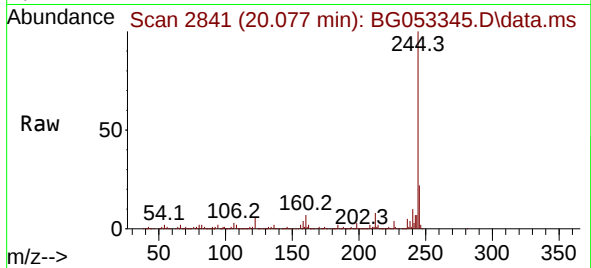




#77
Benzidine
Concen: 3.364 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

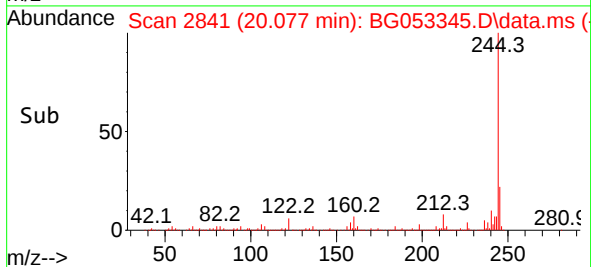
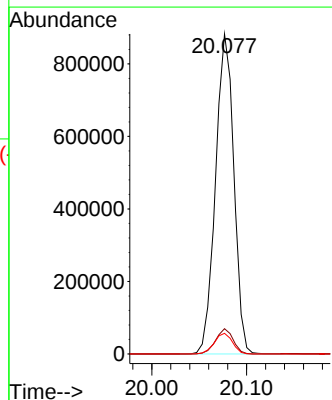
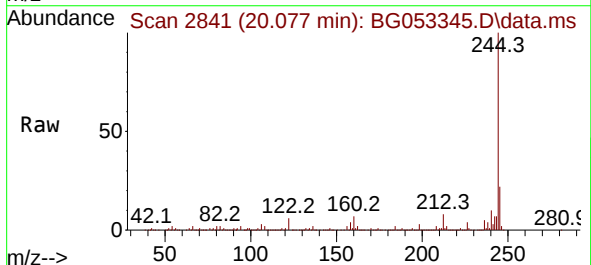
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:184 Resp: 20554
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 6.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 93.649 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053345.D
Acq: 27 Apr 2022 13:35

Tgt Ion:244 Resp: 1187459
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053345.D
 Acq: 27 Apr 2022 13:35

Instrument :
 BNA_G
 ClientSampleId :
 MH-14D

Tgt Ion:264 Resp: 213549
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 19.9 15.1 22.7

