

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070522\
 Data File : BG054206.D
 Acq On : 5 Jul 2022 12:19
 Operator : CG/JU
 Sample : PB145993BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145993BL

Quant Time: Jul 06 01:42:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

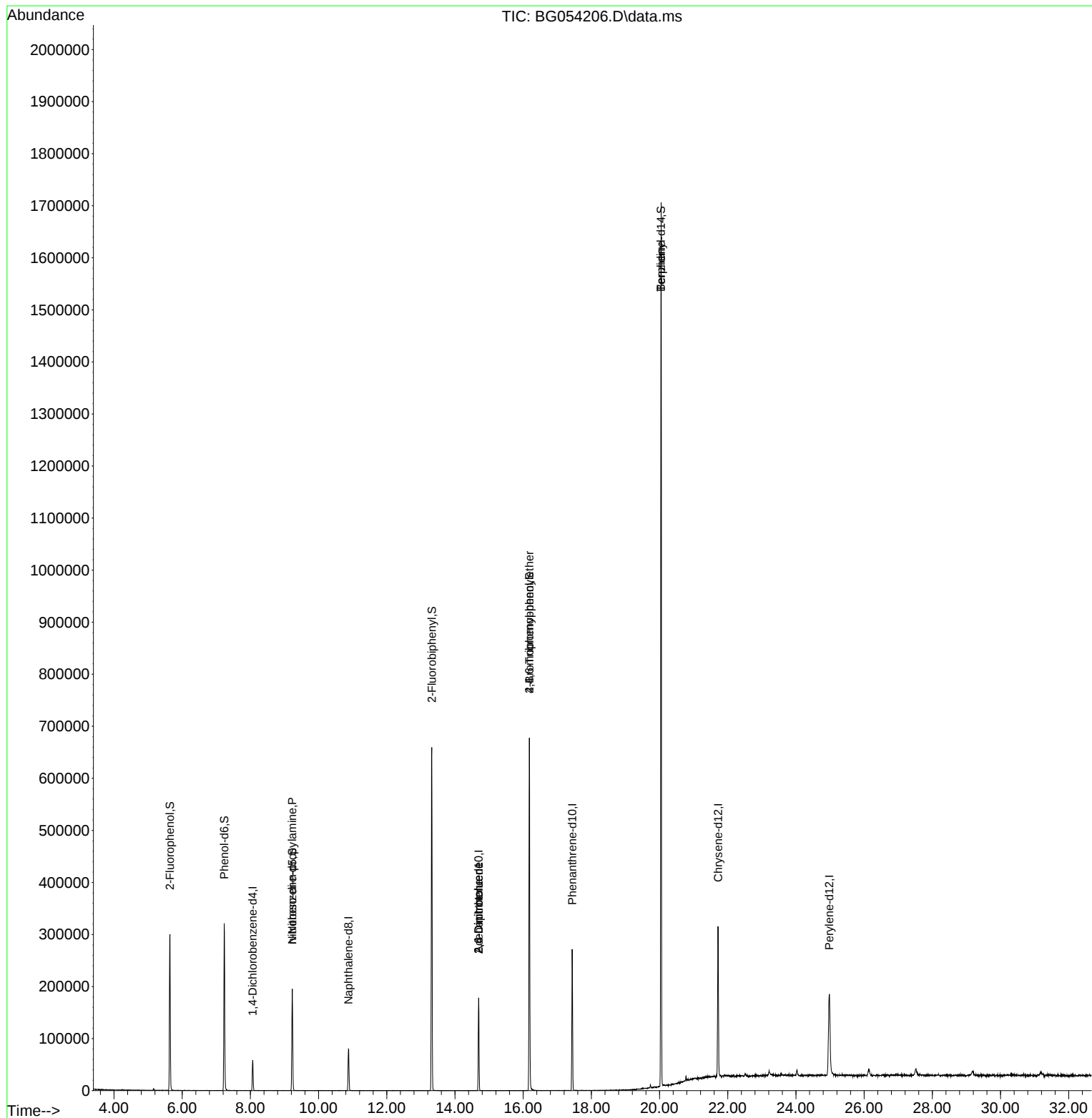
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	18819	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	77748	20.000	ng	0.00
39) Acenaphthene-d10	14.694	164	67694	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	195802	20.000	ng	# 0.00
76) Chrysene-d12	21.716	240	201975	20.000	ng	0.00
86) Perylene-d12	24.977	264	209224	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	140000	142.233	ng	0.00
7) Phenol-d6	7.233	99	195973	146.765	ng	0.00
23) Nitrobenzene-d5	9.230	82	126650	91.543	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	172043	158.182	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	397668	85.423	ng	0.00
79) Terphenyl-d14	20.047	244	961771	95.907	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.230	70	17085	19.045	ng	# 77
51) 2,6-Dinitrotoluene	14.694	165	9174	8.807	ng	# 16
57) 2,4-Dinitrotoluene	14.694	165	9174	6.236	ng	# 21
67) 4-Bromophenyl-phenylether	16.181	248	10880	4.449	ng	# 1
77) Benzidine	20.047	184	12537	2.997	ng	# 93

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

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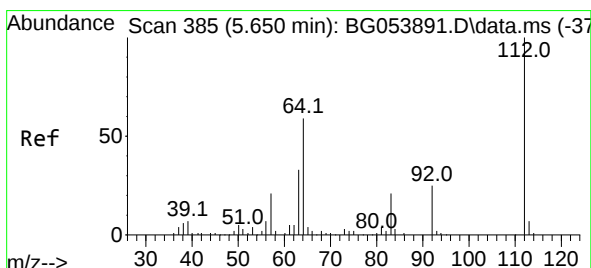
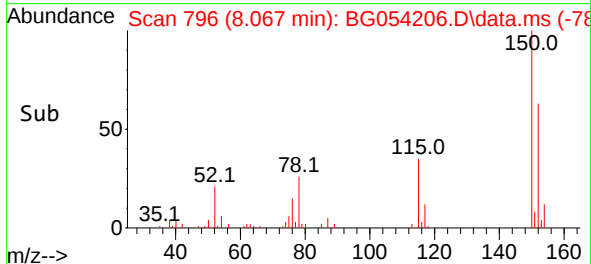
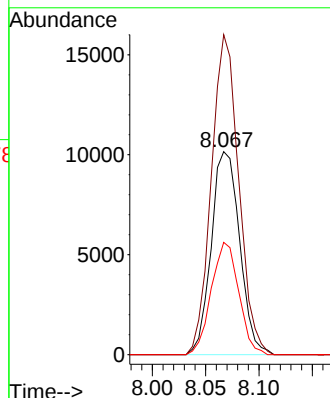
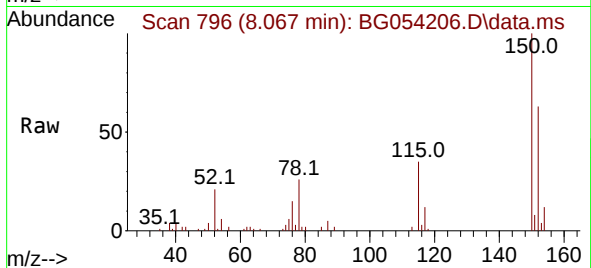




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

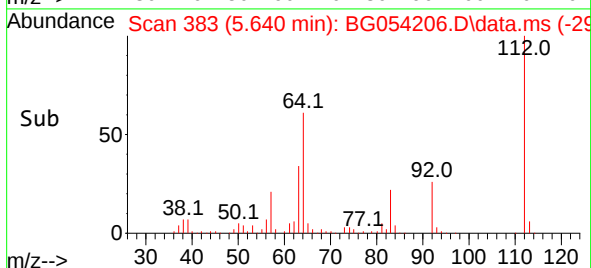
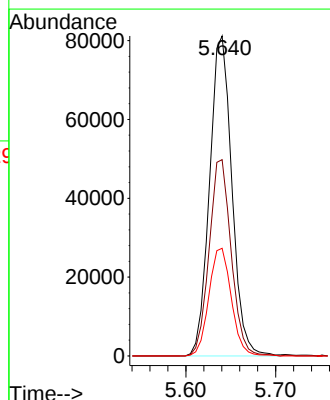
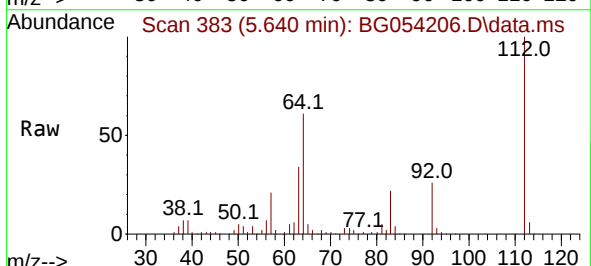
Instrument :
BNA_G
ClientSampleId :
PB145993BL

Tgt Ion:152 Resp: 18819
Ion Ratio Lower Upper
152 100
150 157.6 131.6 197.4
115 55.3 50.9 76.3



#5
2-Fluorophenol
Concen: 142.233 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:112 Resp: 140000
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 33.6 30.4 45.6

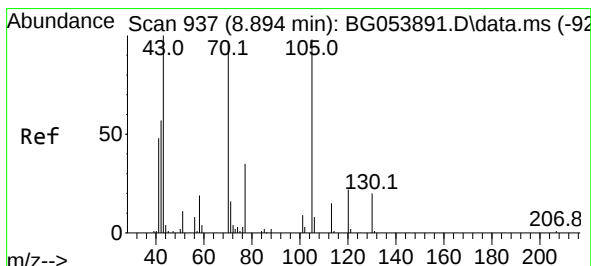
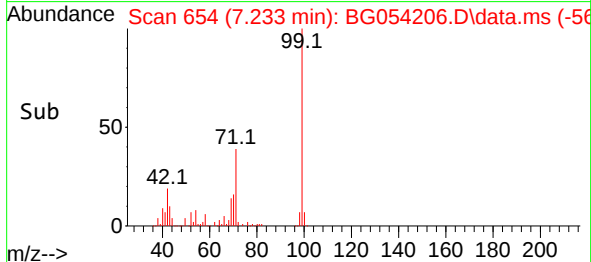
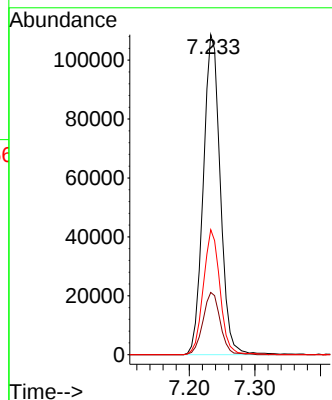
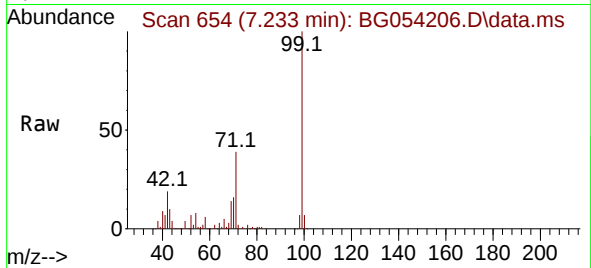




#7
Phenol-d6
Concen: 146.765 ng
RT: 7.233 min Scan# 611
Delta R.T. 0.002 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

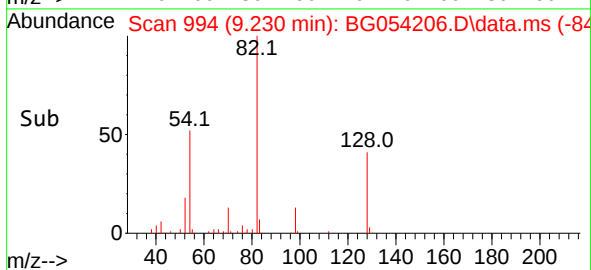
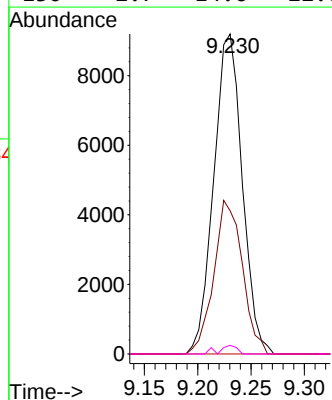
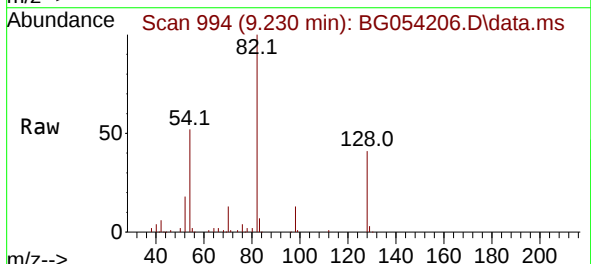
Instrument :
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ClientSampleId :
PB145993BL

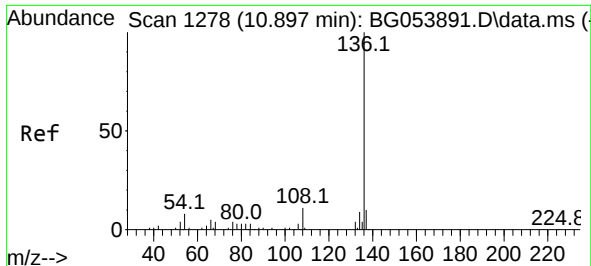
Tgt Ion: 99 Resp: 195973
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 39.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.045 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion: 70 Resp: 17085
Ion Ratio Lower Upper
70 100
42 44.7 47.3 70.9#
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#

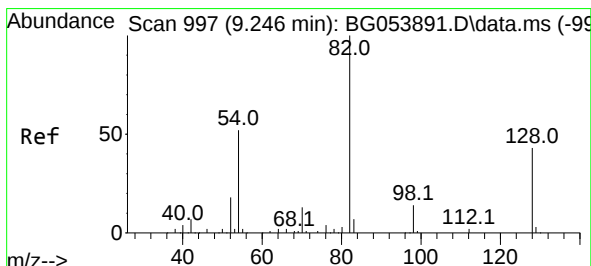
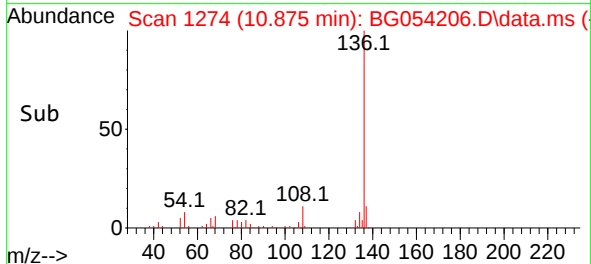
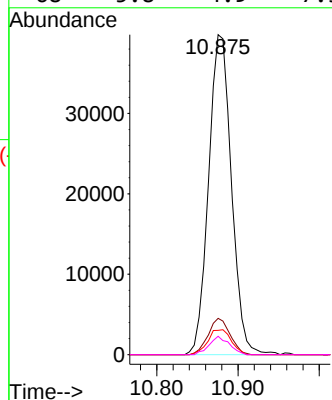
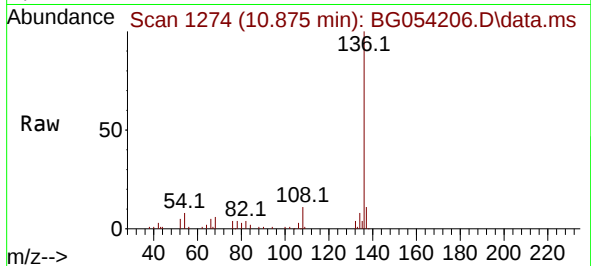




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

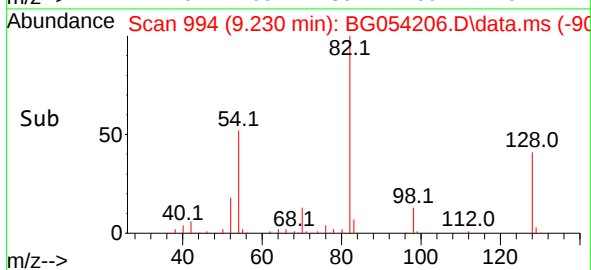
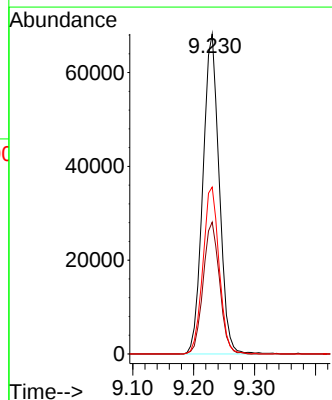
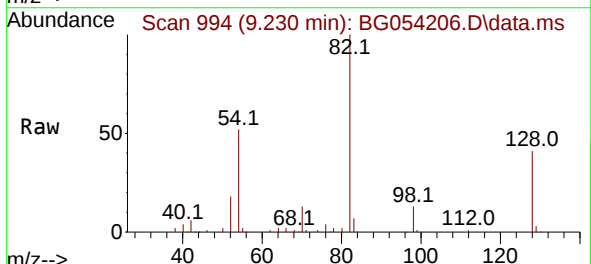
Instrument :
BNA_G
ClientSampleId :
PB145993BL

Tgt Ion:	136	Resp:	77748
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.6	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.543 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:	82	Resp:	126650
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	52.2	41.2	61.8

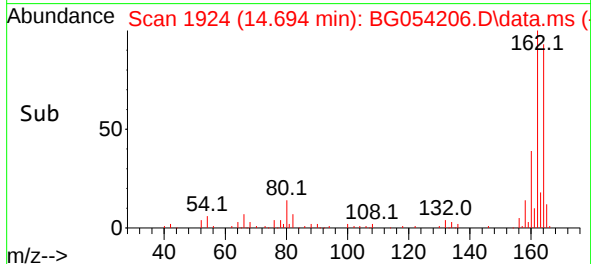
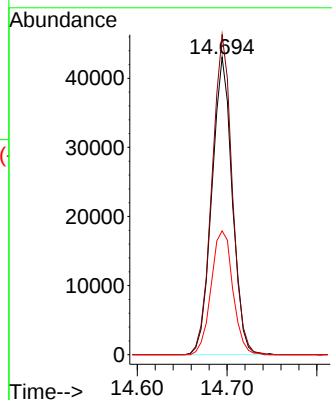
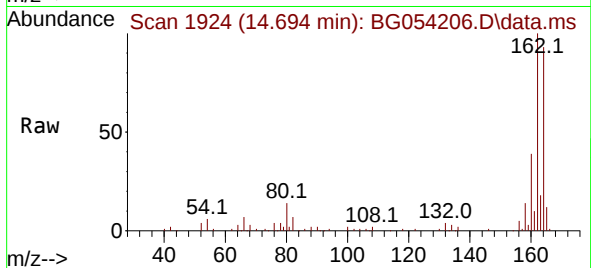




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

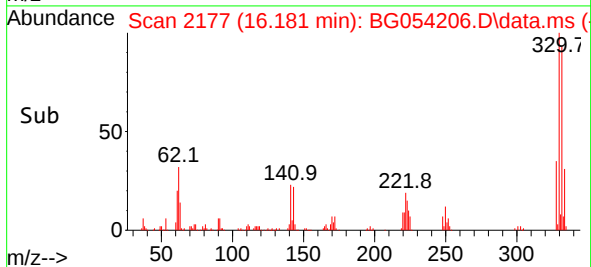
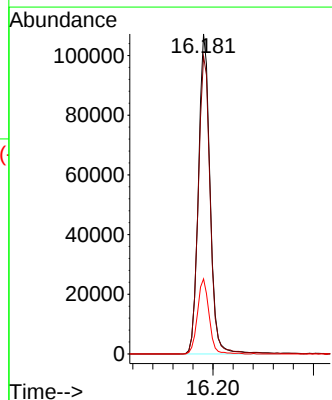
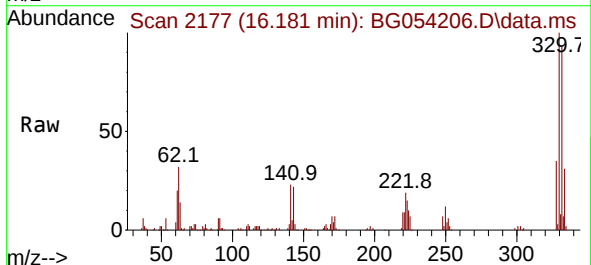
Instrument :
BNA_G
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PB145993BL

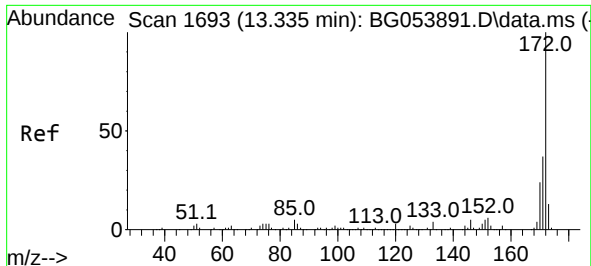
Tgt Ion:164 Resp: 67694
Ion Ratio Lower Upper
164 100
162 107.5 82.3 123.5
160 41.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 158.182 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:330 Resp: 172043
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 23.3 27.1 40.7#

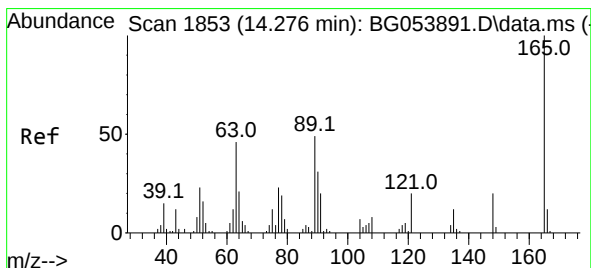
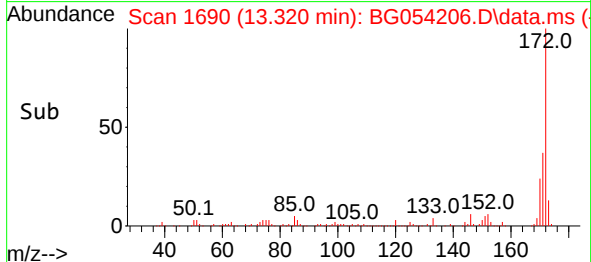
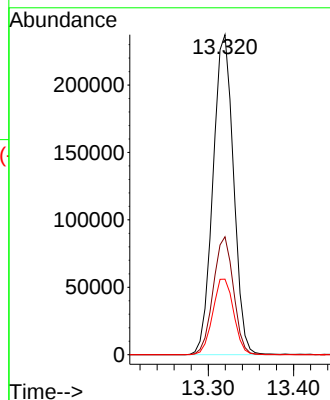
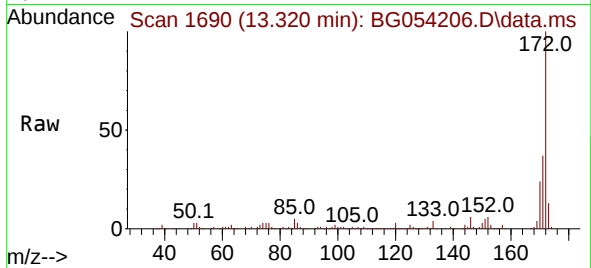




#45
2-Fluorobiphenyl
Concen: 85.423 ng
RT: 13.320 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

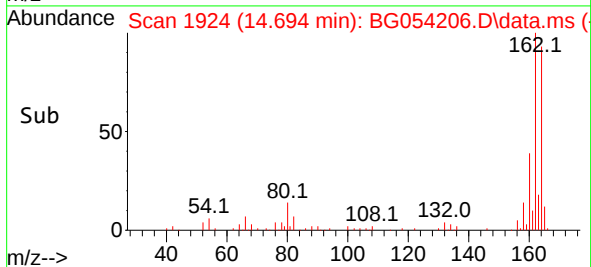
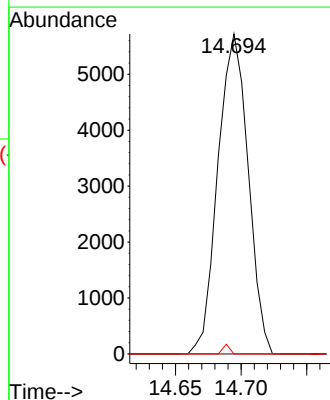
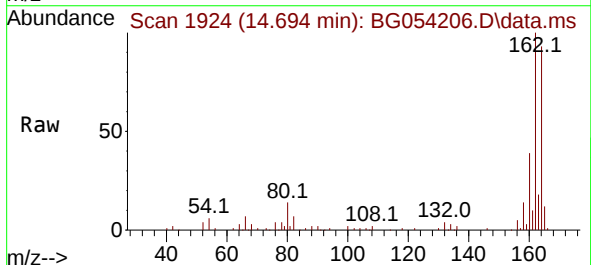
Instrument :
BNA_G
ClientSampleId :
PB145993BL

Tgt Ion:172 Resp: 397668
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 23.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.807 ng
RT: 14.694 min Scan# 1924
Delta R.T. 0.431 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:165 Resp: 9174
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: 6.236 ng

RT: 14.694 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG054206.D

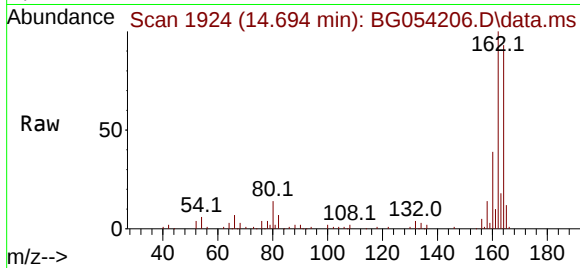
Acq: 5 Jul 2022 12:19

Instrument :

BNA_G

ClientSampleId :

PB145993BL



Tgt Ion:165 Resp: 9174

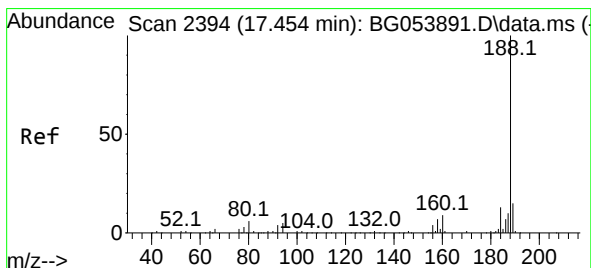
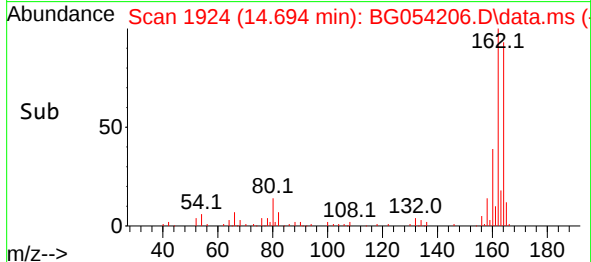
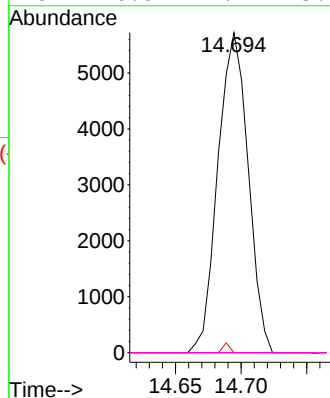
Ion Ratio Lower Upper

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: 17.438 min Scan# 2391

Delta R.T. -0.003 min

Lab File: BG054206.D

Acq: 5 Jul 2022 12:19

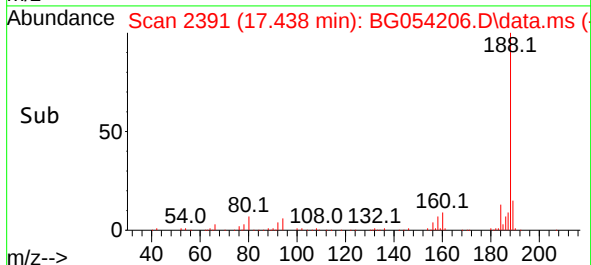
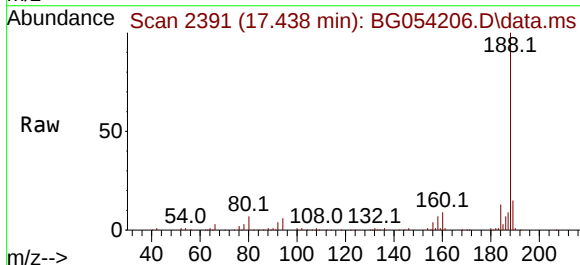
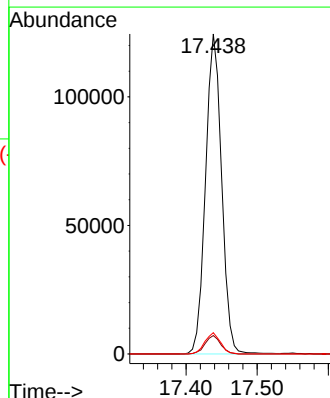
Tgt Ion:188 Resp: 195802

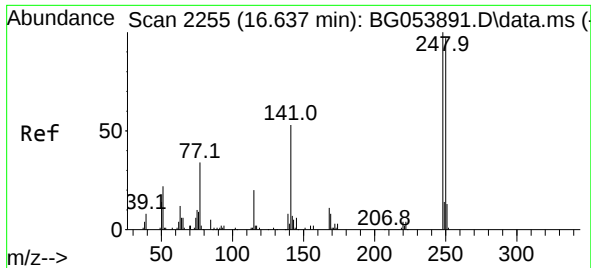
Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 6.6 6.8 10.2#

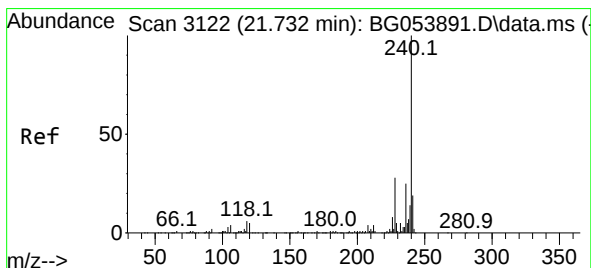
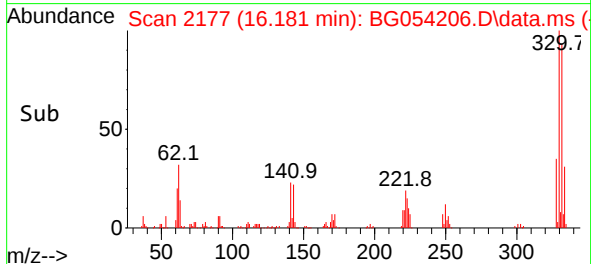
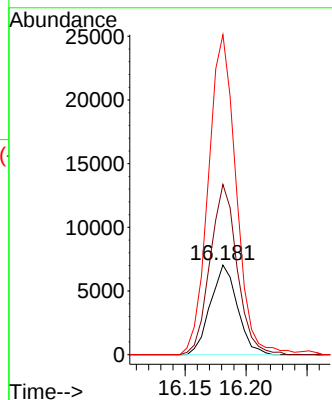
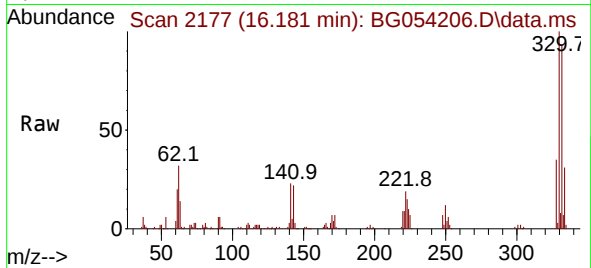




#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 16.181 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

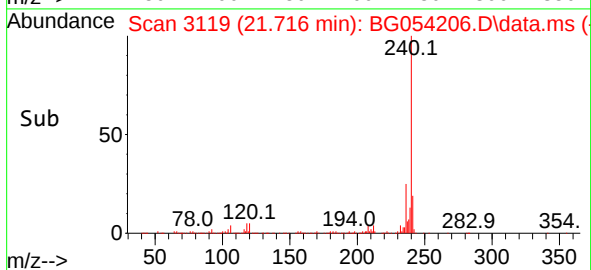
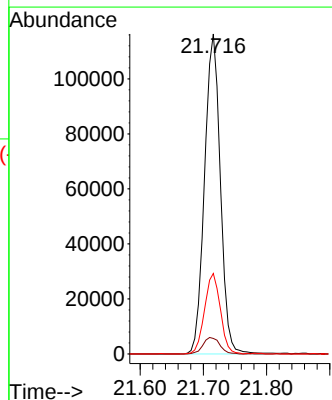
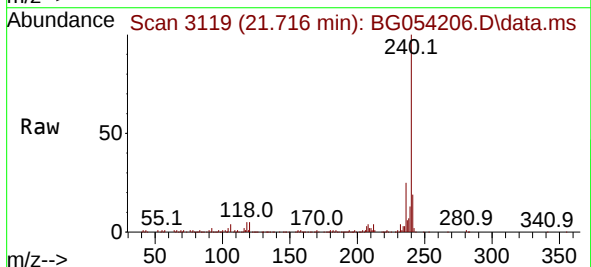
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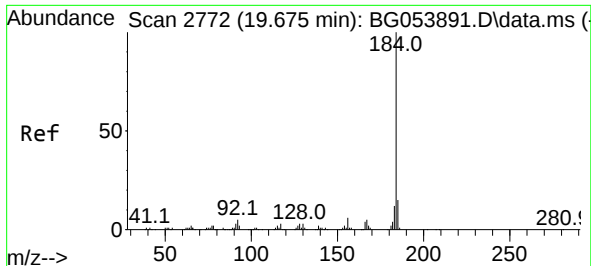
Tgt Ion:248 Resp: 10880
Ion Ratio Lower Upper
248 100
250 148.9 75.2 112.8#
141 279.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:240 Resp: 201975
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 25.2 20.2 30.4

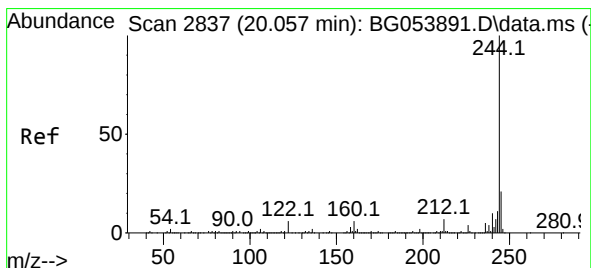
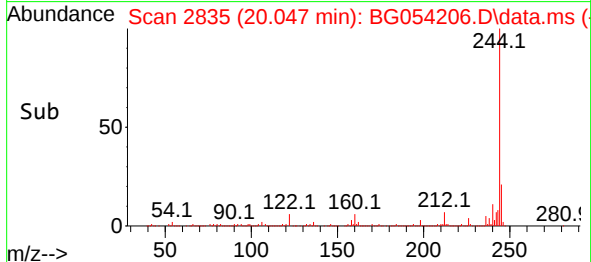
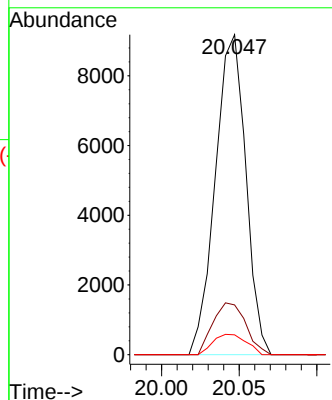
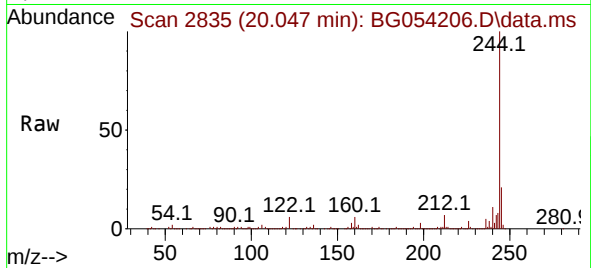




#77
Benzidine
Concen: 2.997 ng
RT: 20.047 min Scan# 2835
Delta R.T. 0.384 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

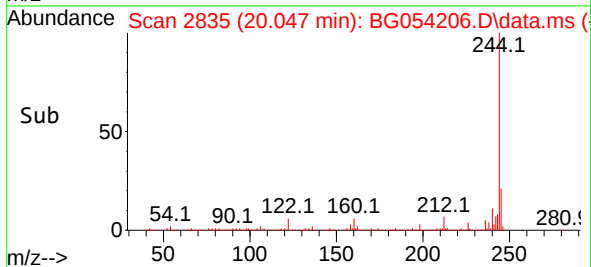
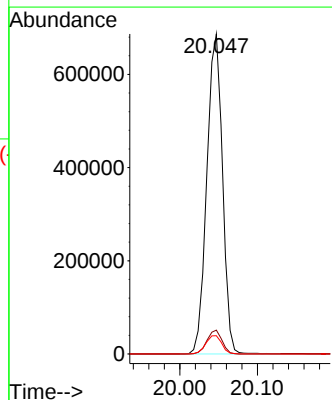
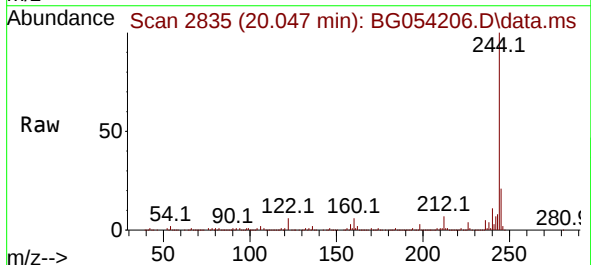
Instrument :
BNA_G
ClientSampleId :
PB145993BL

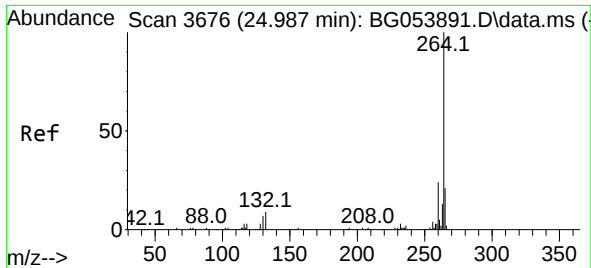
Tgt Ion:184 Resp: 12537
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 6.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 95.907 ng
RT: 20.047 min Scan# 2835
Delta R.T. 0.002 min
Lab File: BG054206.D
Acq: 5 Jul 2022 12:19

Tgt Ion:244 Resp: 961771
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 5.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 30
 Delta R.T. 0.014 min
 Lab File: BG054206.D
 Acq: 5 Jul 2022 12:19

Instrument :
 BNA_G
 ClientSampleId :
 PB145993BL

Tgt Ion:264 Resp: 209224
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.5 17.4 26.2

