

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053706.D
 Acq On : 25 May 2022 23:06
 Operator : CG/JU
 Sample : N2896-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P038-SS001-1218-01

Quant Time: May 26 02:53:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

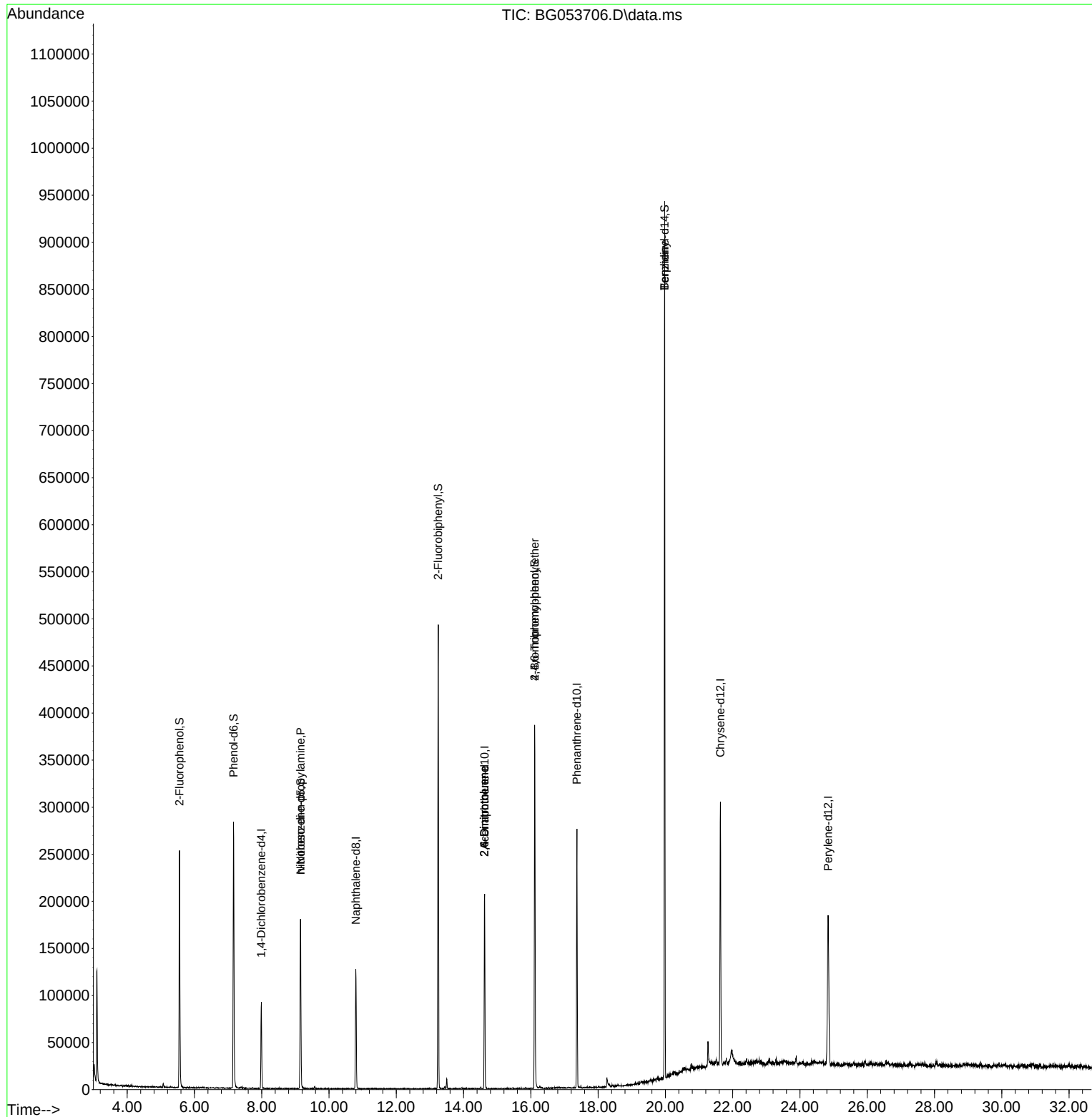
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	25240	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	102077	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	76458	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	172464	20.000	ng	0.00
76) Chrysene-d12	21.635	240	175437	20.000	ng	0.00
86) Perylene-d12	24.836	264	175834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	105715	71.083	ng	0.00
7) Phenol-d6	7.160	99	162183	71.855	ng	0.00
23) Nitrobenzene-d5	9.152	82	113374	47.280	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	82721	73.356	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	261179	49.917	ng	0.00
79) Terphenyl-d14	19.978	244	460228	48.859	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.152	70	16447	10.156	ng	# 73
51) 2,6-Dinitrotoluene	14.621	165	10117	8.547	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	10117	5.896	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	5182	2.573	ng	# 1
77) Benzidine	19.978	184	7585	2.006	ng	# 91

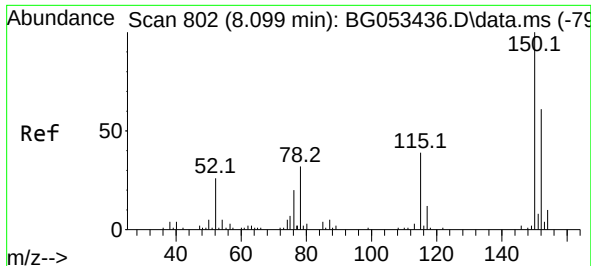
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
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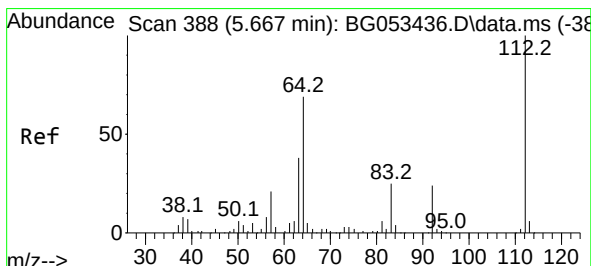
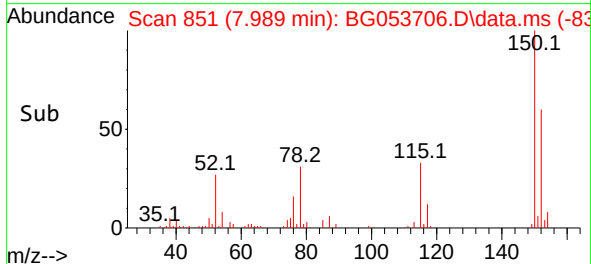
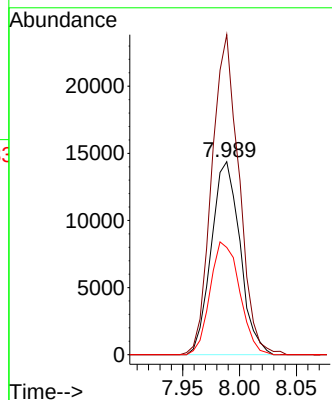
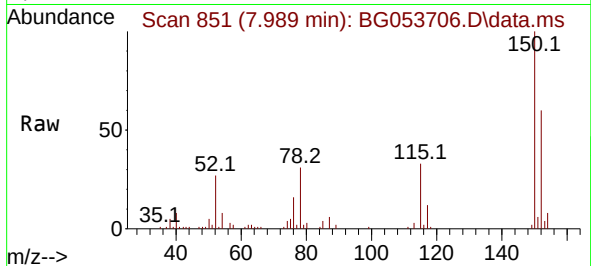




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

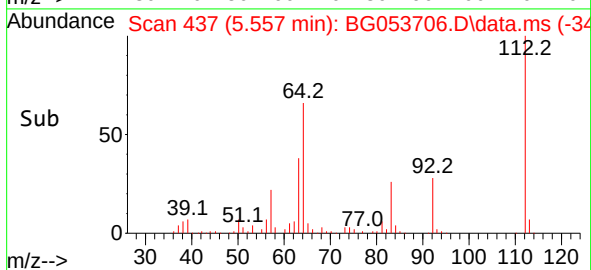
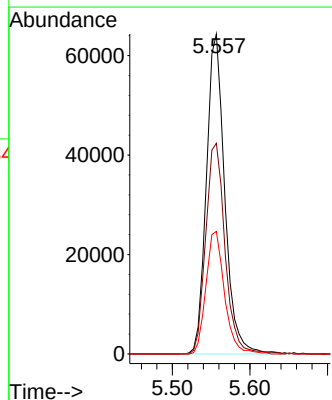
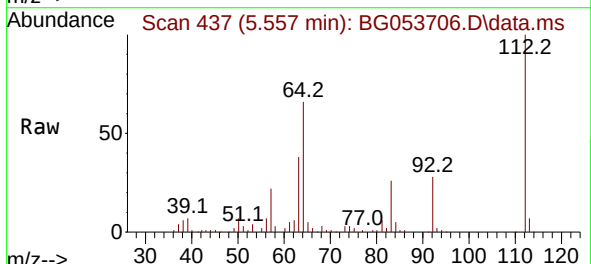
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

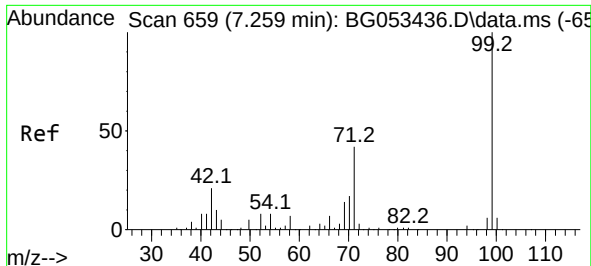
Tgt Ion:152 Resp: 25240
Ion Ratio Lower Upper
152 100
150 165.8 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 71.083 ng
RT: 5.557 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:112 Resp: 105715
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 38.3 30.4 45.6

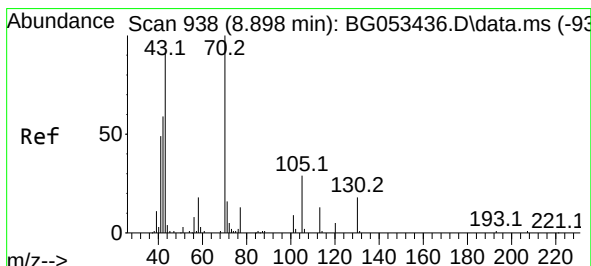
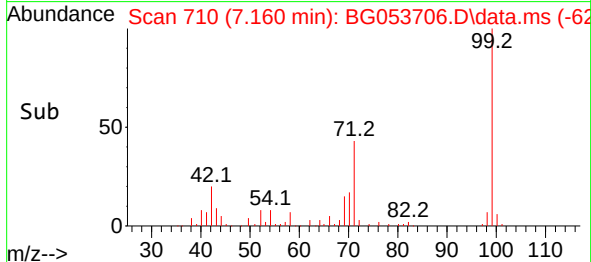
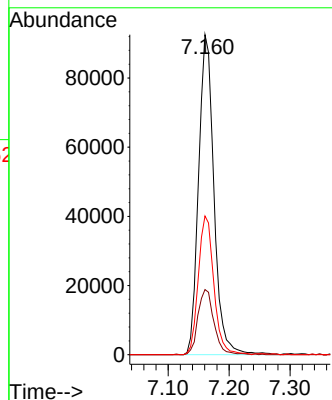
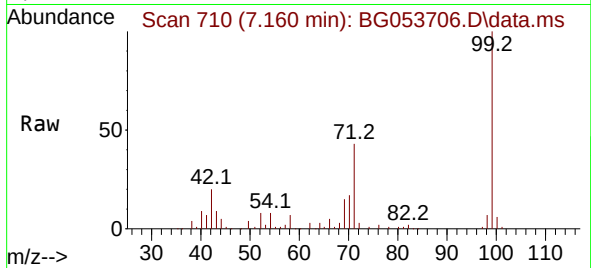




#7
Phenol-d6
Concen: 71.855 ng
RT: 7.160 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

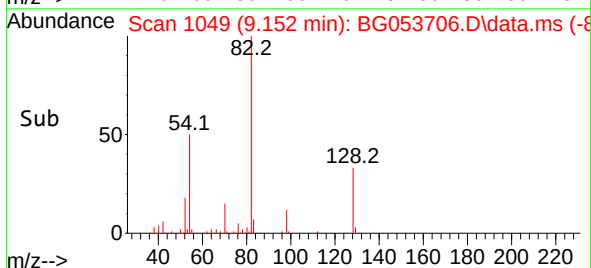
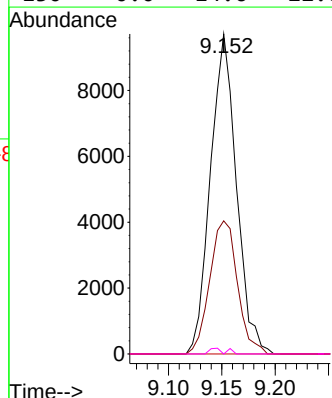
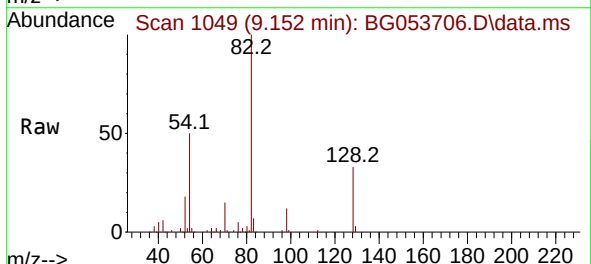
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

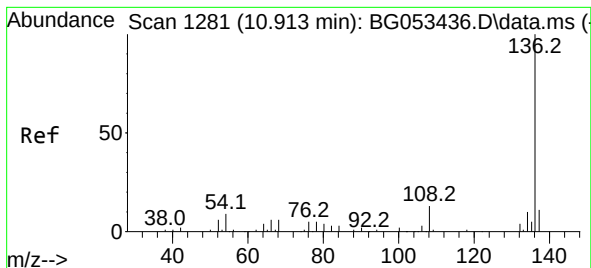
Tgt Ion: 99 Resp: 162183
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.156 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.355 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion: 70 Resp: 16447
Ion Ratio Lower Upper
70 100
42 41.6 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053706.D

Acq: 25 May 2022 23:06

Instrument :

BNA_G

ClientSampleId :

P038-SS001-1218-01

Tgt Ion:136 Resp: 102077

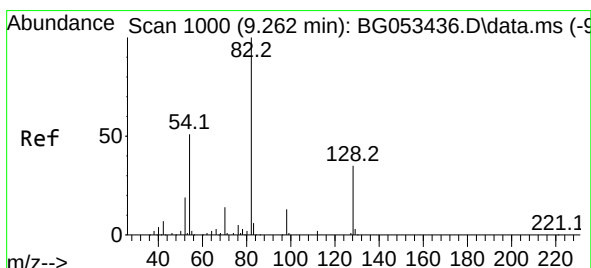
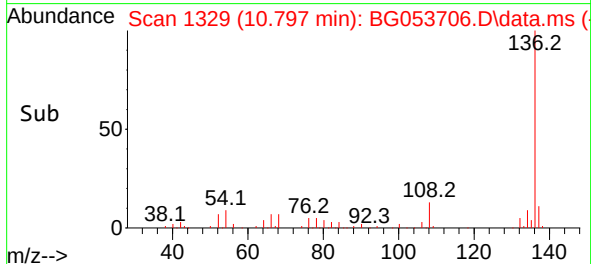
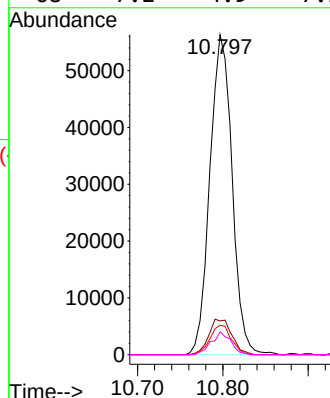
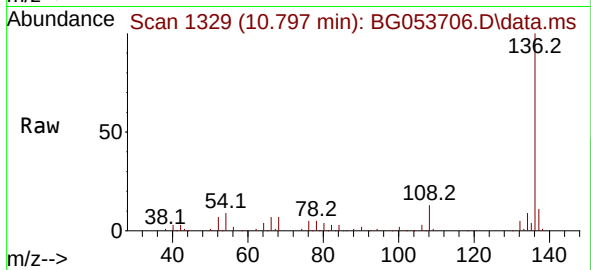
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.2 7.4 11.2

68 7.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 47.280 ng

RT: 9.152 min Scan# 1049

Delta R.T. -0.003 min

Lab File: BG053706.D

Acq: 25 May 2022 23:06

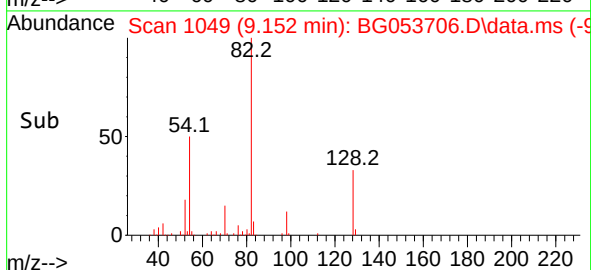
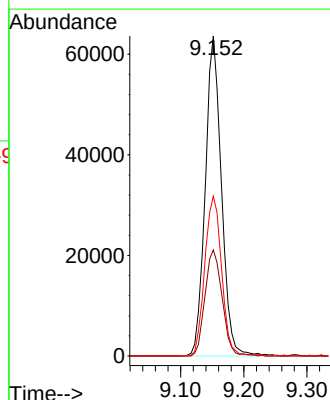
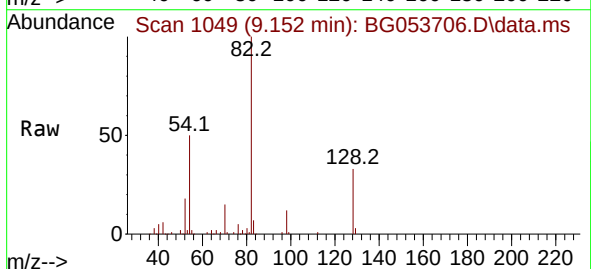
Tgt Ion: 82 Resp: 113374

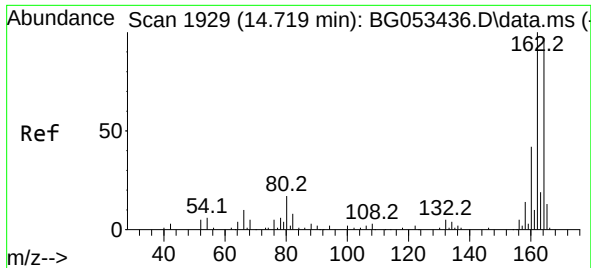
Ion Ratio Lower Upper

82 100

128 33.2 27.9 41.9

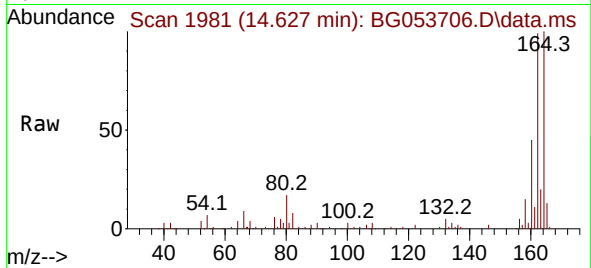
54 50.0 41.2 61.8



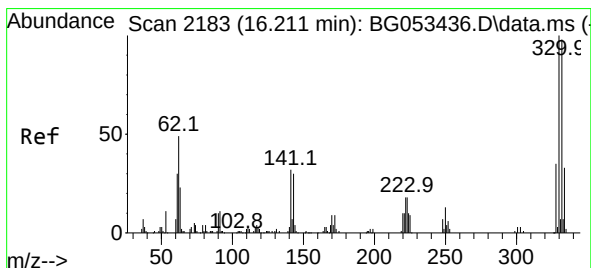
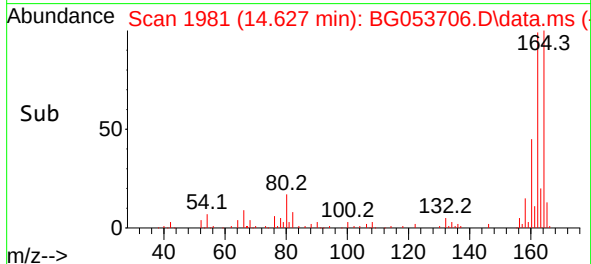
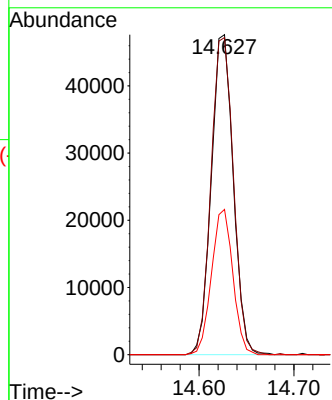


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

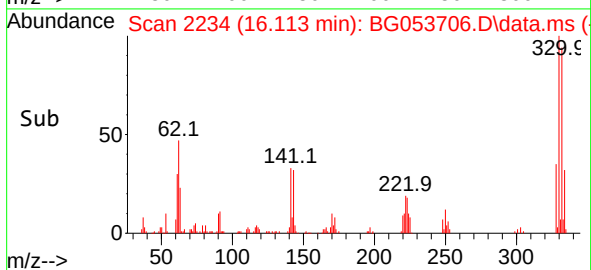
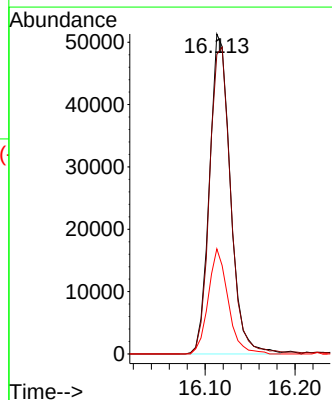
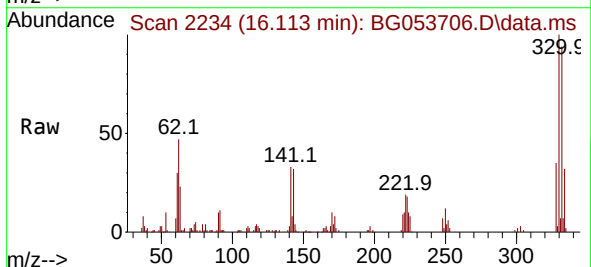


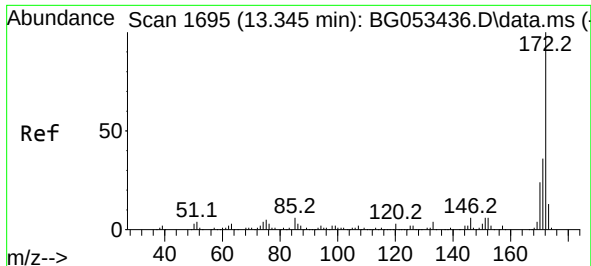
Tgt Ion:164 Resp: 76458
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 45.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 73.356 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:330 Resp: 82721
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 31.2 27.1 40.7

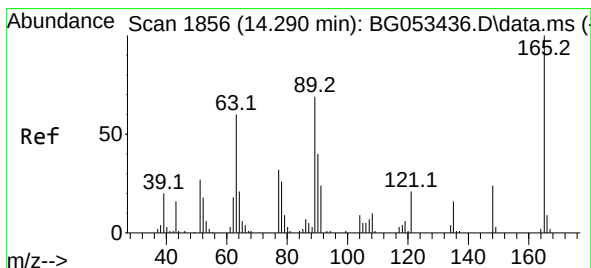
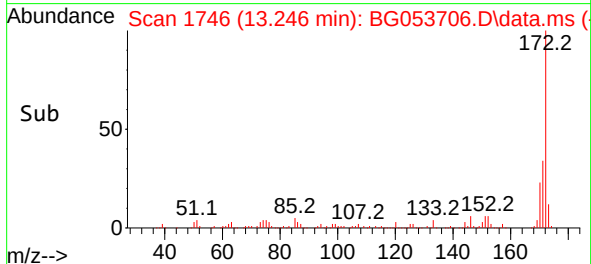
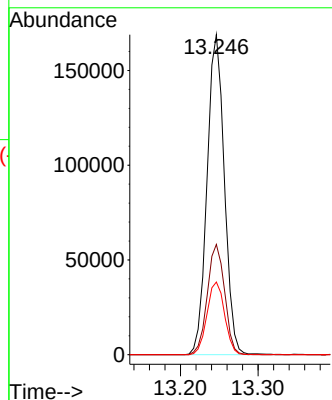
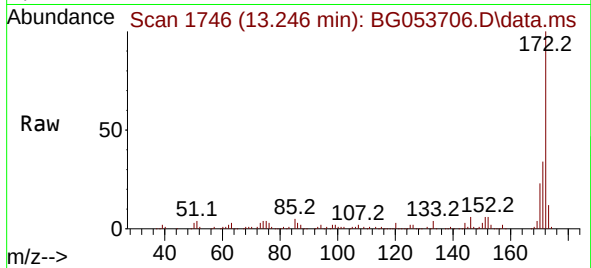




#45
2-Fluorobiphenyl
Concen: 49.917 ng
RT: 13.246 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

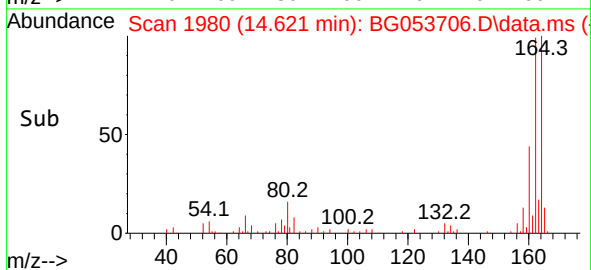
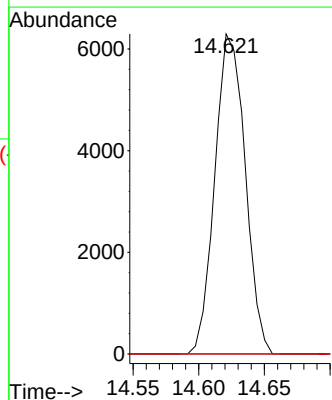
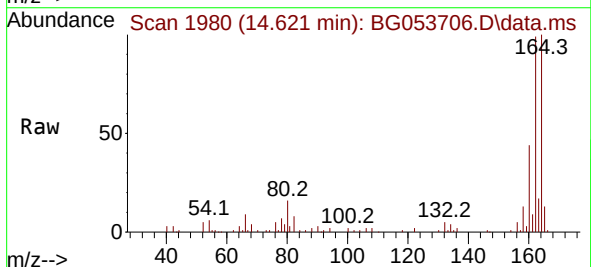
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

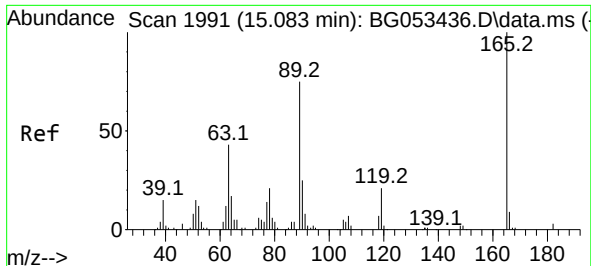
Tgt Ion:172 Resp: 261179
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.547 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.420 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:165 Resp: 10117
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: 5.896 ng

RT: 14.621 min Scan# 1991

Delta R.T. -0.373 min

Lab File: BG053706.D

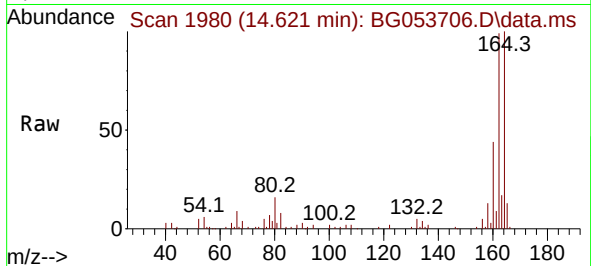
Acq: 25 May 2022 23:06

Instrument :

BNA_G

ClientSampleId :

P038-SS001-1218-01



Tgt Ion:165 Resp: 10117

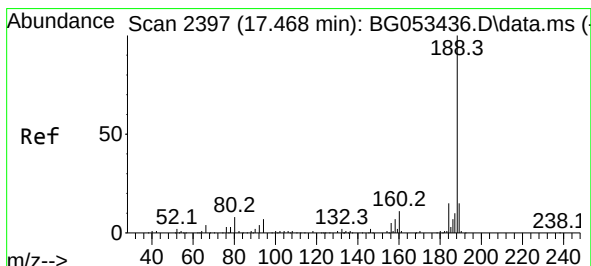
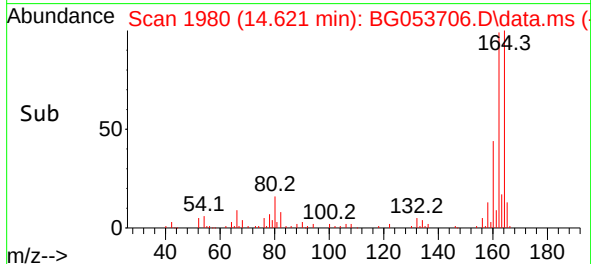
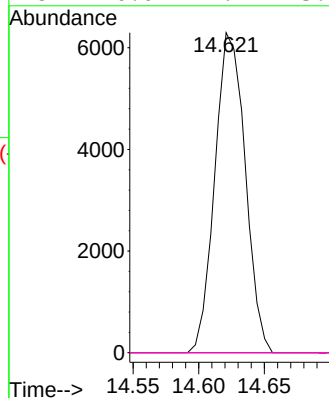
Ion Ratio Lower Upper

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: 17.370 min Scan# 2448

Delta R.T. -0.003 min

Lab File: BG053706.D

Acq: 25 May 2022 23:06

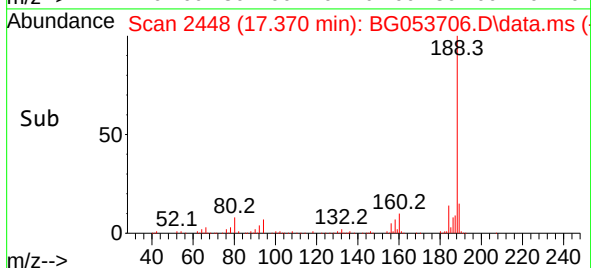
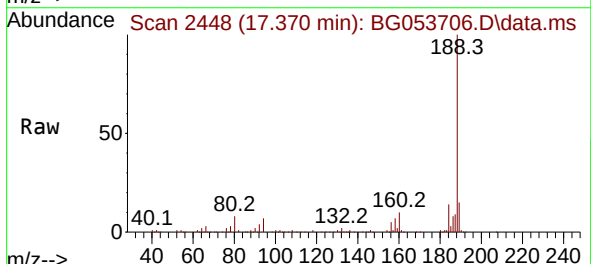
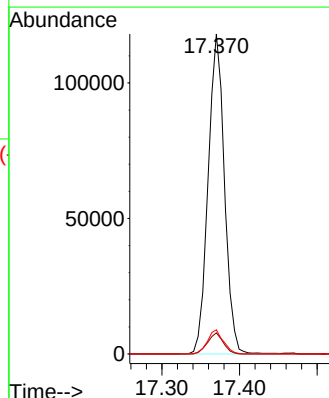
Tgt Ion:188 Resp: 172464

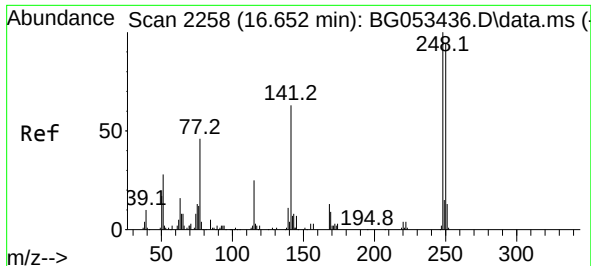
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.6 6.8 10.2

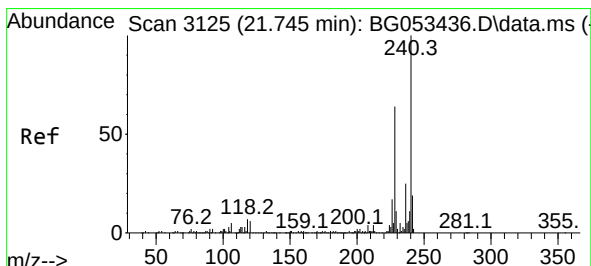
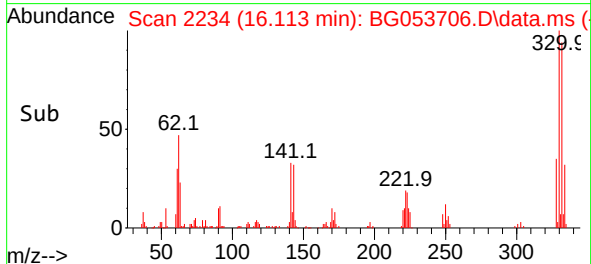
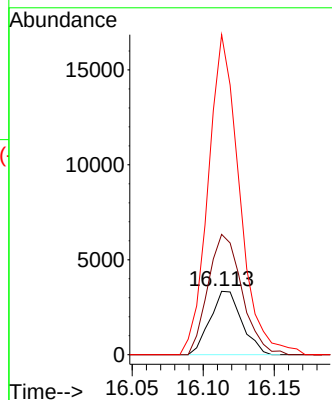
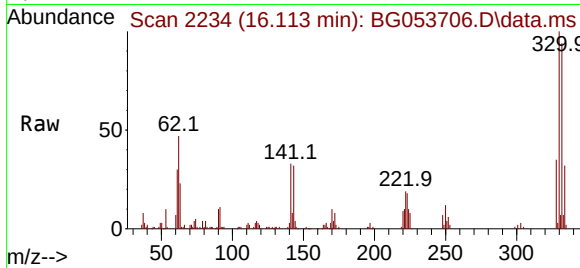




#67
4-Bromophenyl-phenylether
Concen: 2.573 ng
RT: 16.113 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

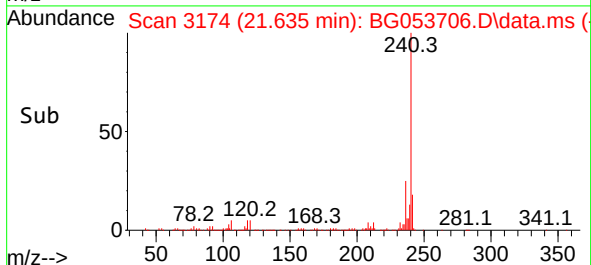
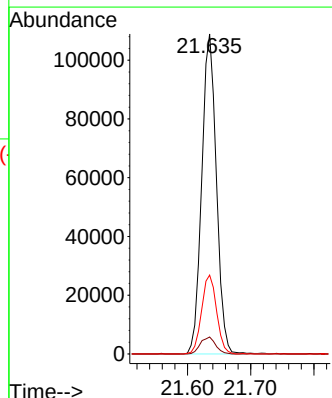
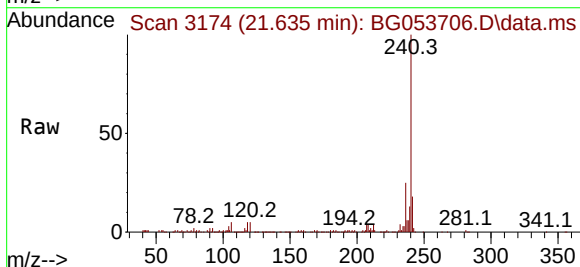
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

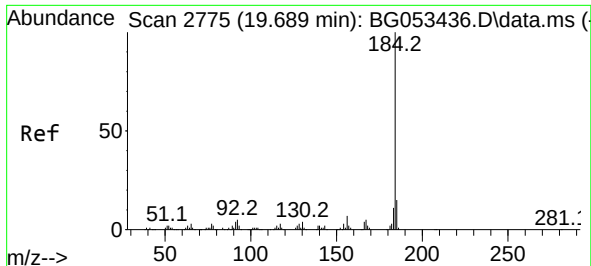
Tgt Ion:248 Resp: 5182
Ion Ratio Lower Upper
248 100
250 189.7 75.2 112.8#
141 504.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.635 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Tgt Ion:240 Resp: 175437
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.7 20.2 30.4

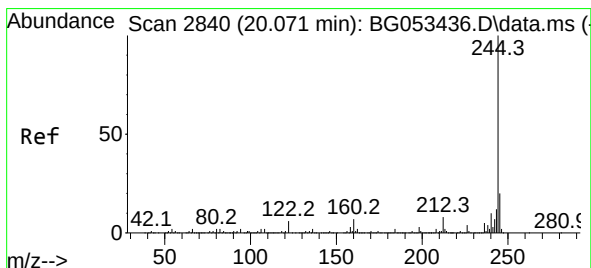
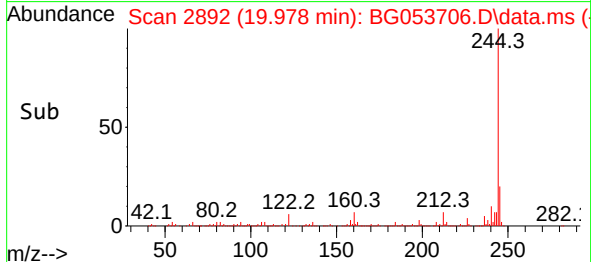
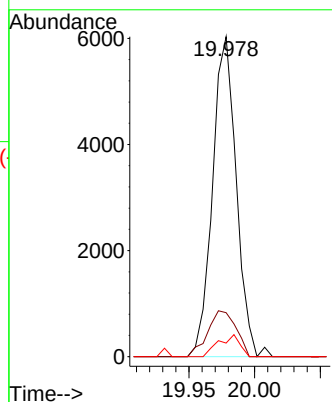
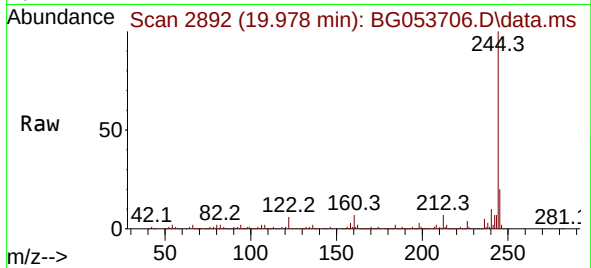




#77
Benzidine
Concen: 2.006 ng
RT: 19.978 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

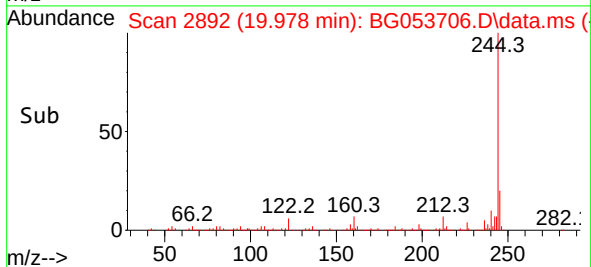
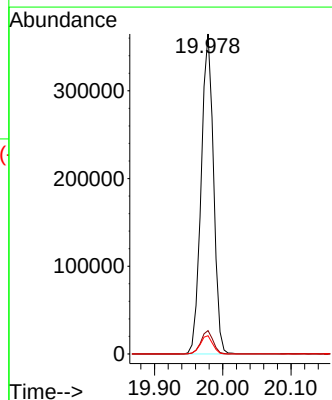
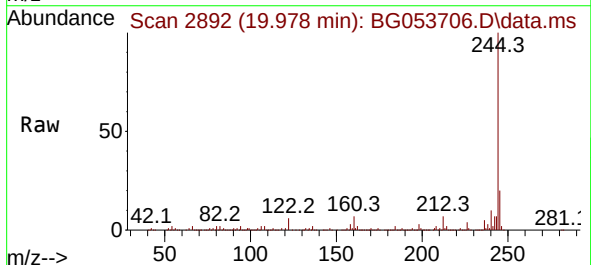
Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01

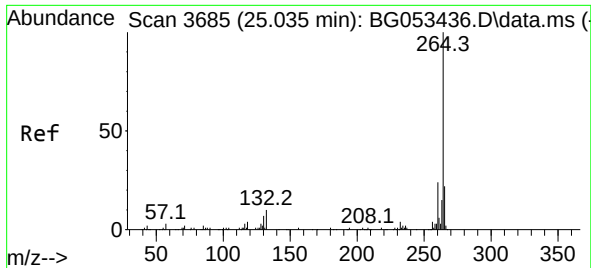
Tgt Ion:184 Resp: 7585
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 4.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 48.859 ng
RT: 19.978 min Scan# 2892
Delta R.T. 0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

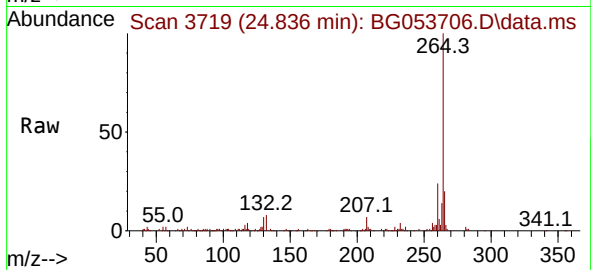
Tgt Ion:244 Resp: 460228
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 5.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.836 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053706.D
Acq: 25 May 2022 23:06

Instrument :
BNA_G
ClientSampleId :
P038-SS001-1218-01



Tgt Ion:264 Resp: 175834

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	20.4	17.4	26.2

