

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053372.D
 Acq On : 28 Apr 2022 18:42
 Operator : CG/JU
 Sample : N2577-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-08-(25-30)

Quant Time: Apr 29 03:22:24 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)

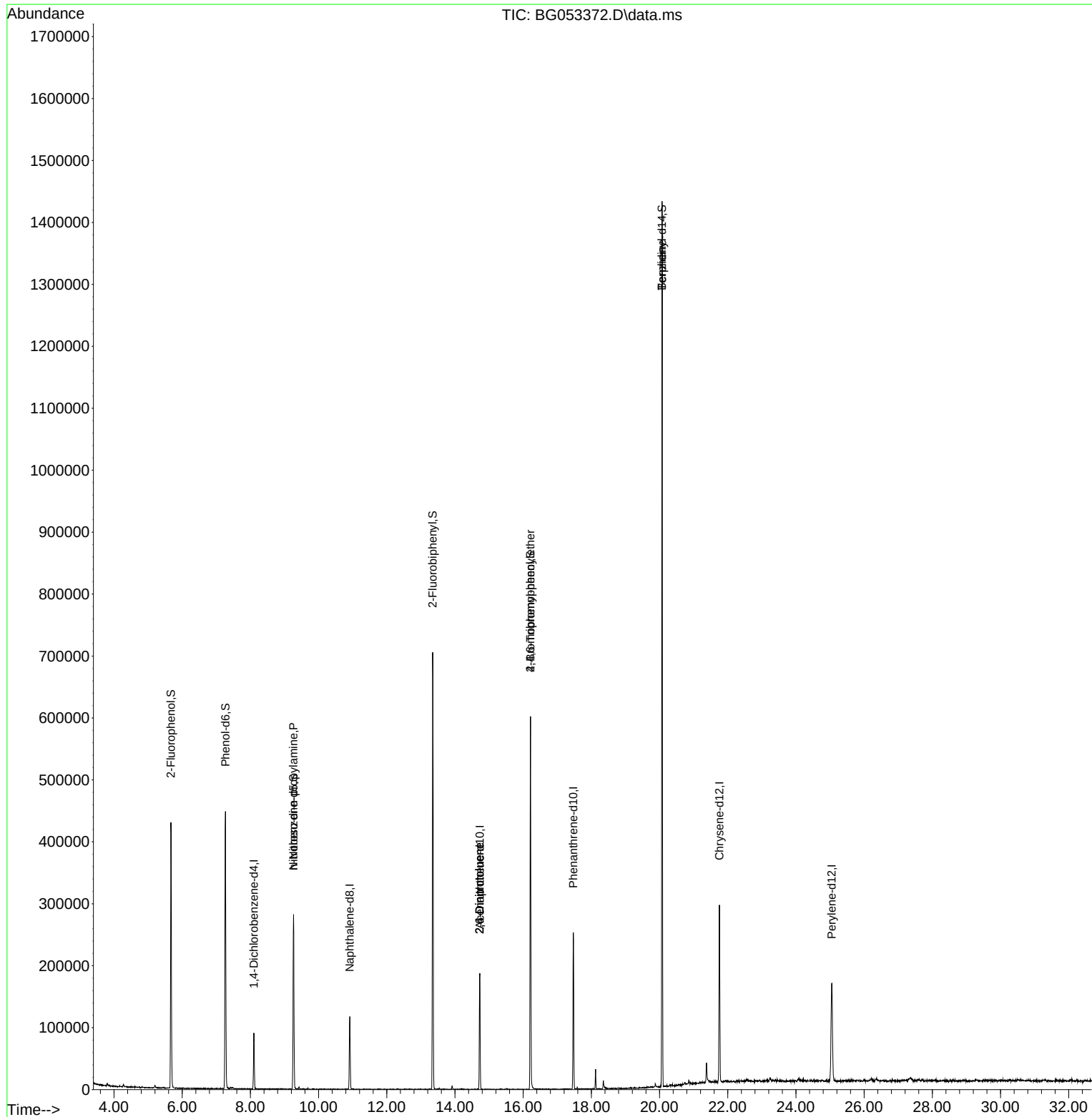
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	25779	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	97896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.727	164	69671	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	169354	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	184771	20.000	ng	-0.01
86) Perylene-d12	25.049	264	184371	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	182789	121.546	ng	0.00
7) Phenol-d6	7.267	99	259298	111.809	ng	0.00
23) Nitrobenzene-d5	9.264	82	180116	74.705	ng	-0.01
42) 2,4,6-Tribromophenol	16.213	330	121238	109.377	ng	-0.01
45) 2-Fluorobiphenyl	13.347	172	386784	76.551	ng	-0.01
79) Terphenyl-d14	20.073	244	723427	66.125	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.264	70	25033	14.744	ng	# 84
51) 2,6-Dinitrotoluene	14.721	165	9403	8.088	ng	# 24
57) 2,4-Dinitrotoluene	14.721	165	9403	5.681	ng	# 22
67) 4-Bromophenyl-phenylether	16.213	248	7804	3.596	ng	# 1
77) Benzidine	20.073	184	11535	2.188	ng	# 93

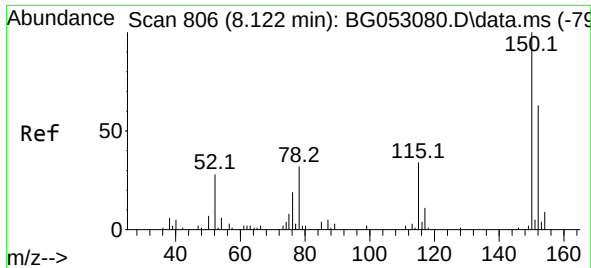
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
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Quant Time: Apr 29 03:22:24 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

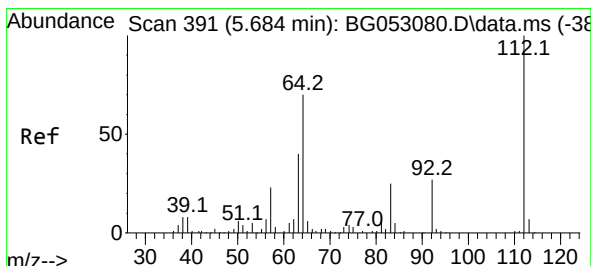
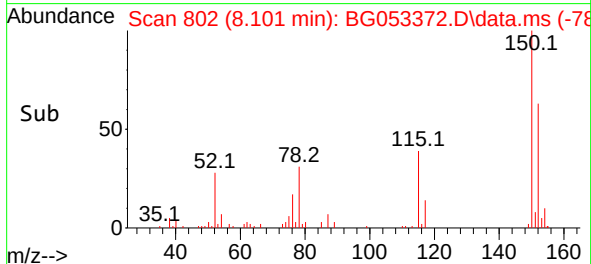
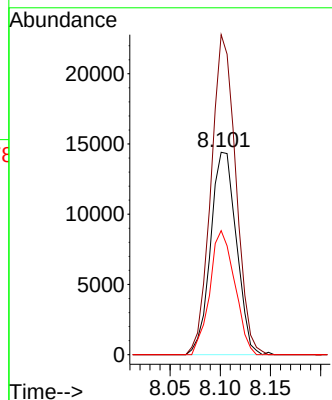
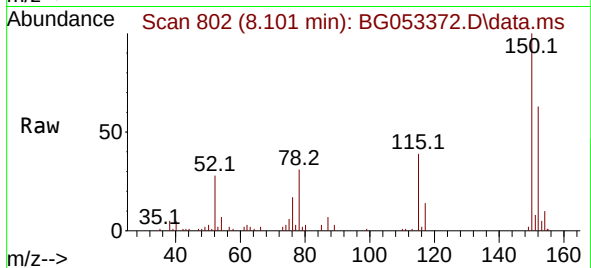




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

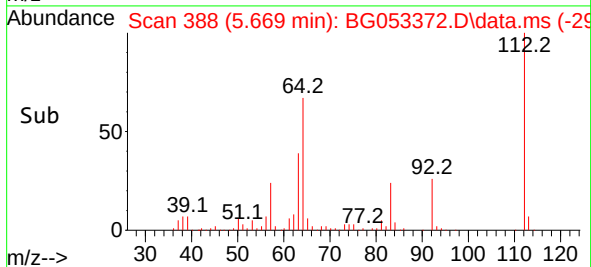
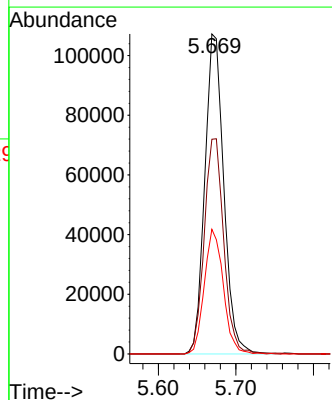
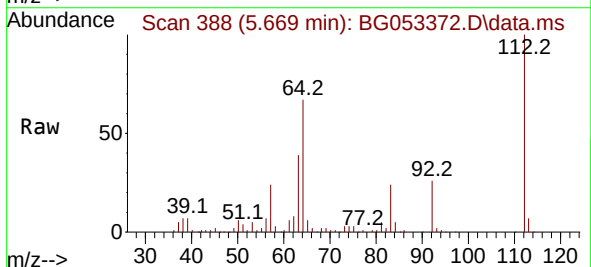
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

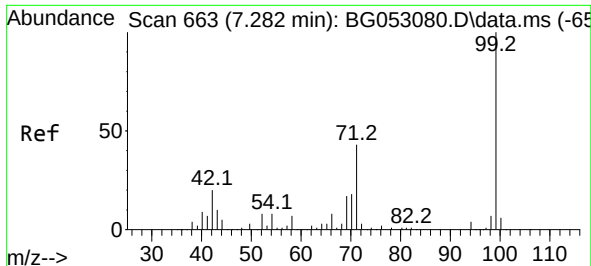
Tgt Ion:152 Resp: 25779
Ion Ratio Lower Upper
152 100
150 158.1 114.6 172.0
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 121.546 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.007 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion:112 Resp: 182789
Ion Ratio Lower Upper
112 100
64 67.1 48.0 72.0
63 39.0 26.5 39.7

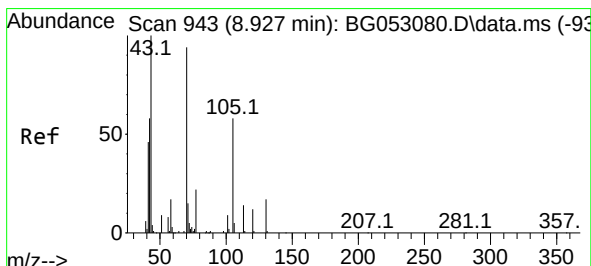
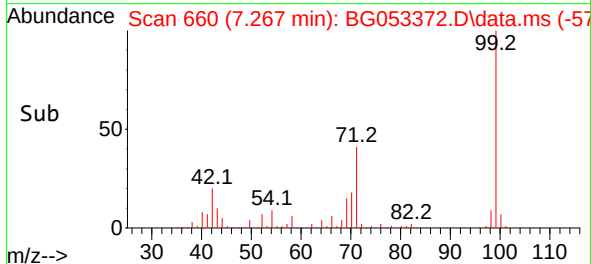
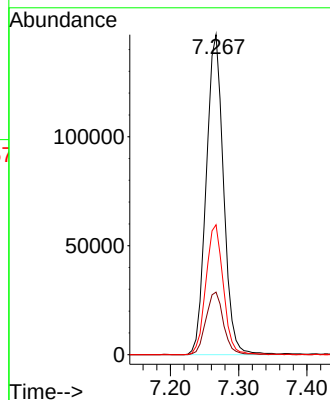
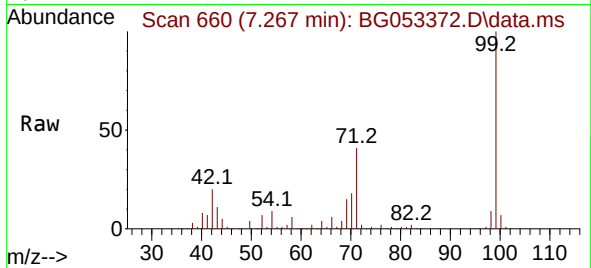




#7
Phenol-d6
Concen: 111.809 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

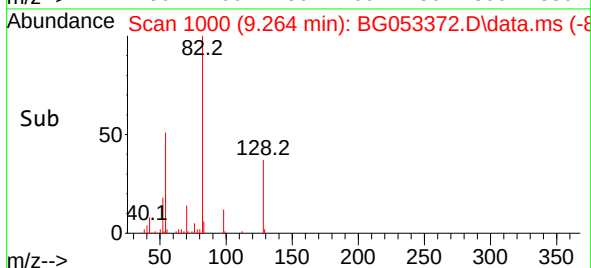
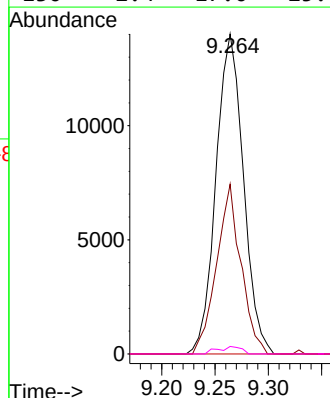
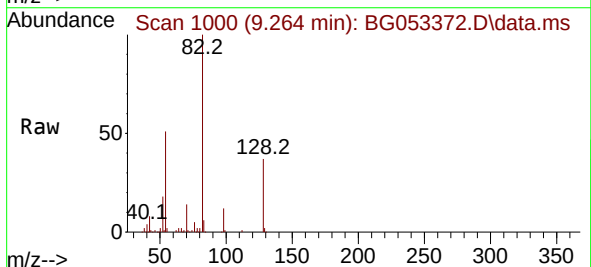
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

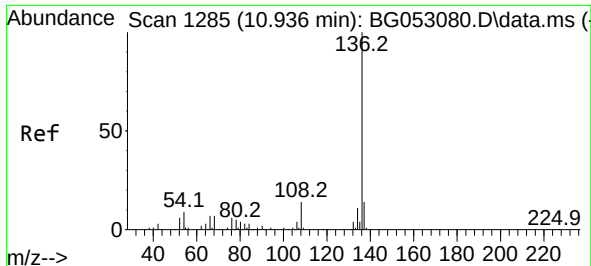
Tgt Ion: 99 Resp: 259298
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 40.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.744 ng
RT: 9.264 min Scan# 1000
Delta R.T. 0.352 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion: 70 Resp: 25033
Ion Ratio Lower Upper
70 100
42 53.1 46.0 69.0
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

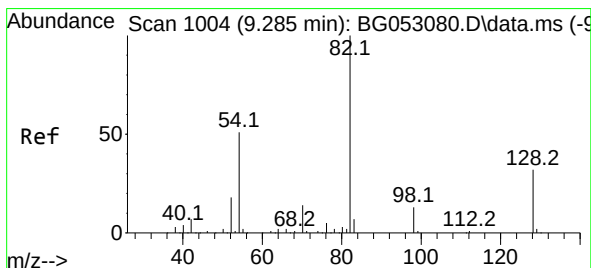
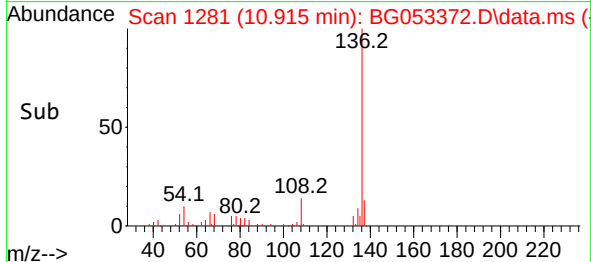
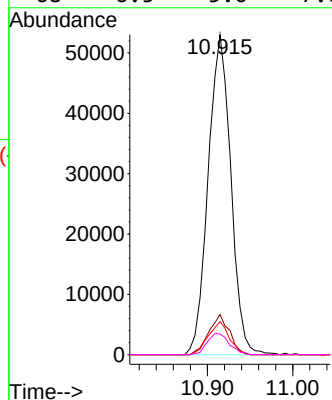
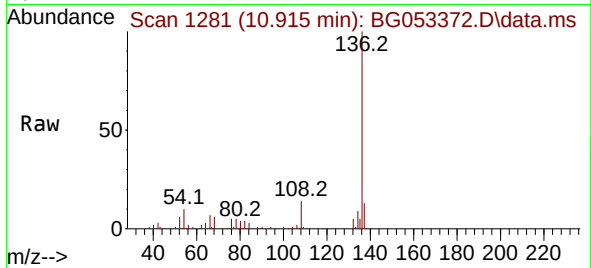




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

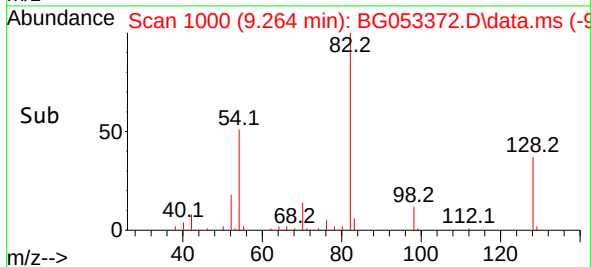
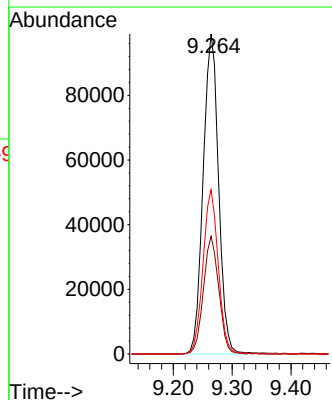
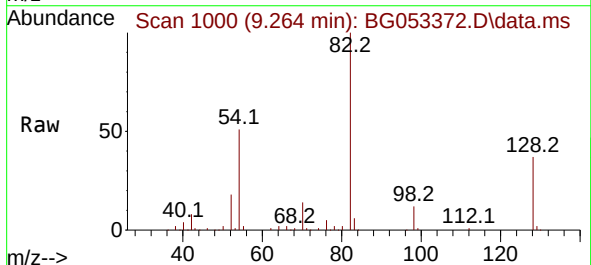
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

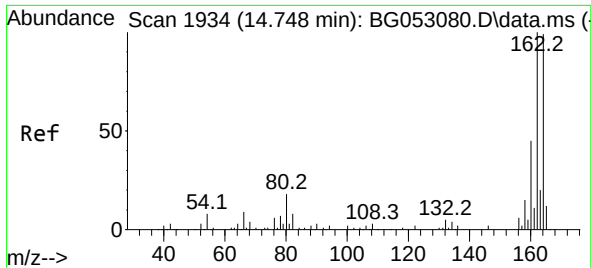
Tgt Ion:136	Resp:	97896
Ion Ratio	Lower	Upper
136	100	
137	12.6	9.4 14.2
54	10.3	6.4 9.6#
68	6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 74.705 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion: 82	Resp:	180116
Ion Ratio	Lower	Upper
82	100	
128	36.8	31.3 46.9
54	51.3	37.8 56.8

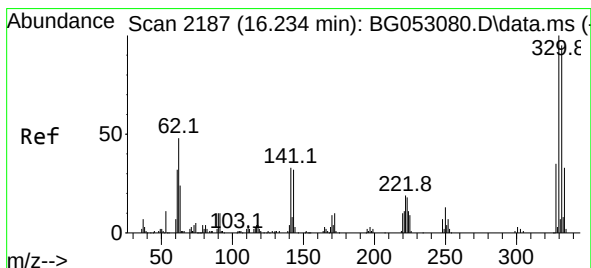
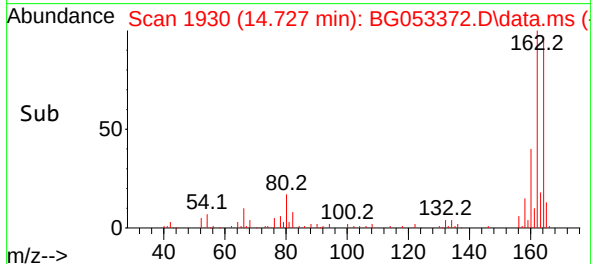
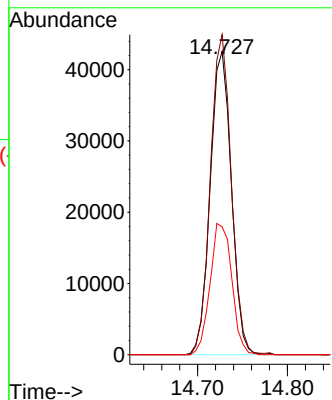
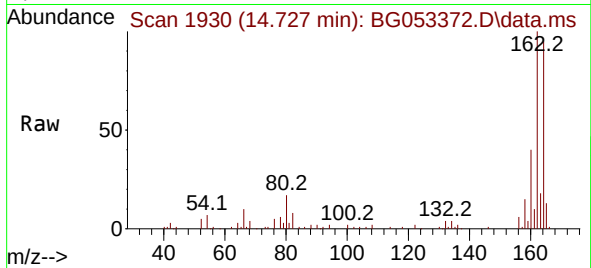




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

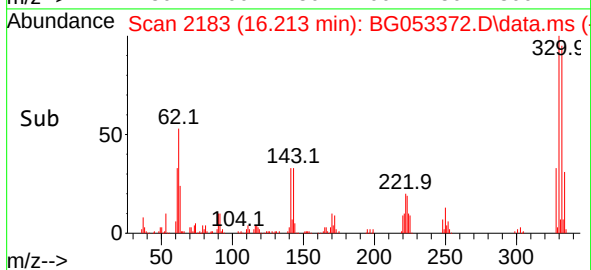
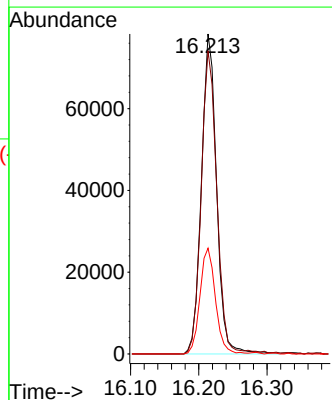
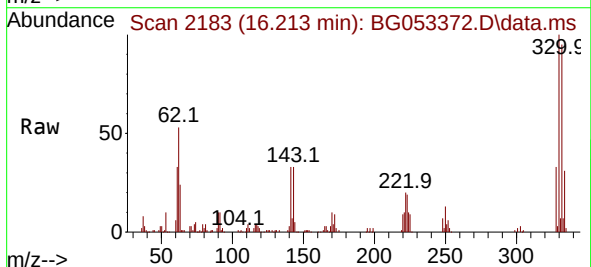
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

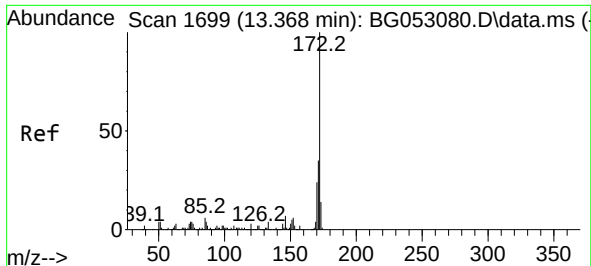
Tgt Ion:164 Resp: 69671
Ion Ratio Lower Upper
164 100
162 105.5 80.0 120.0
160 42.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 109.377 ng
RT: 16.213 min Scan# 2183
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion:330 Resp: 121238
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 33.7 24.6 36.8

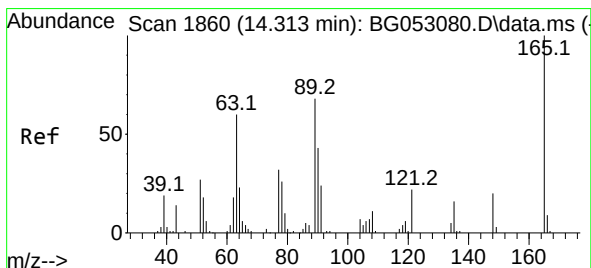
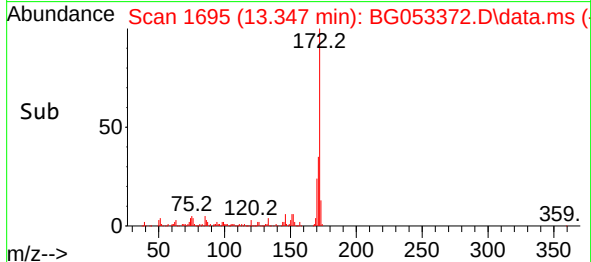
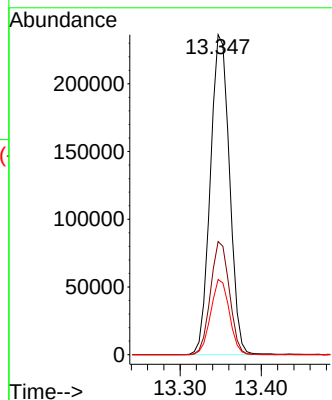
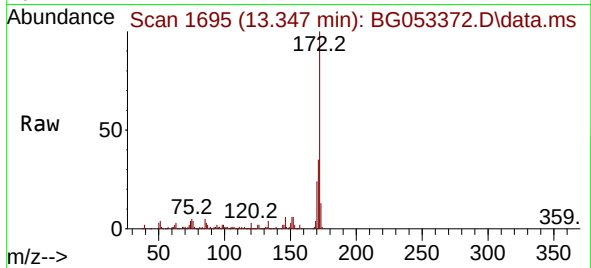




#45
2-Fluorobiphenyl
Concen: 76.551 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

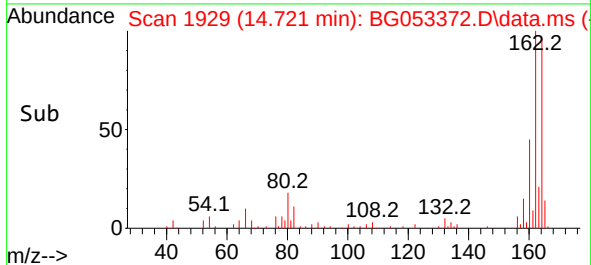
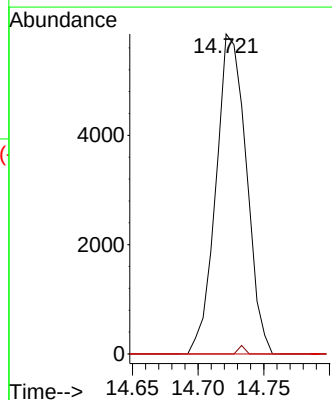
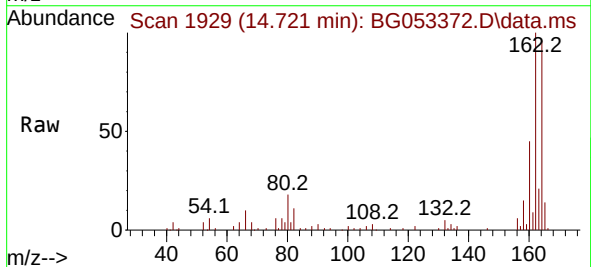
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

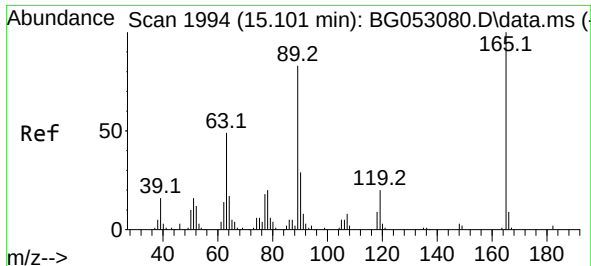
Tgt Ion:172 Resp: 386784
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.088 ng
RT: 14.721 min Scan# 1929
Delta R.T. 0.416 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion:165 Resp: 9403
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.681 ng

RT: 14.721 min Scan# 1994

Delta R.T. -0.371 min

Lab File: BG053372.D

Acq: 28 Apr 2022 18:42

Instrument :

BNA_G

ClientSampleId :

GT-08-(25-30)

Tgt Ion:165 Resp: 9403

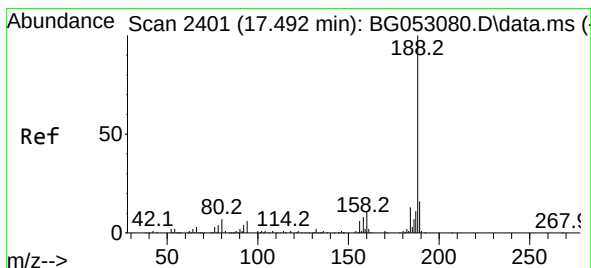
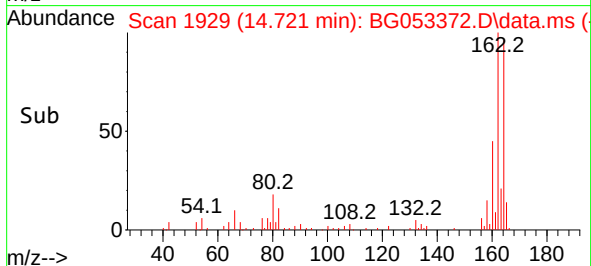
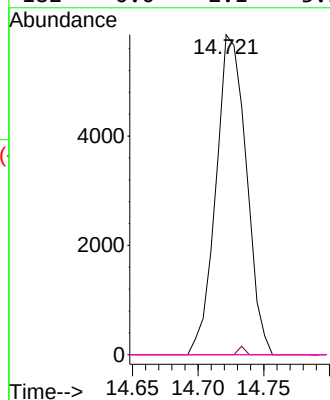
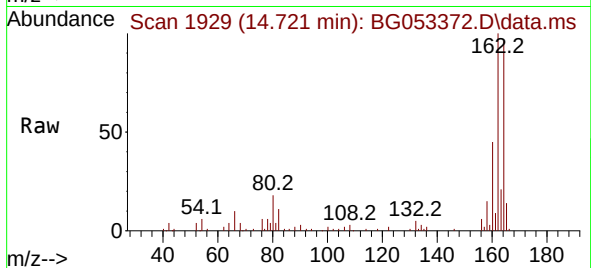
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.471 min Scan# 2397

Delta R.T. -0.013 min

Lab File: BG053372.D

Acq: 28 Apr 2022 18:42

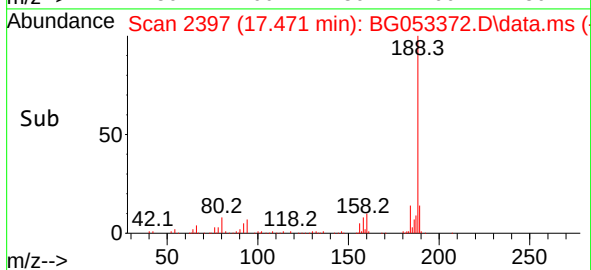
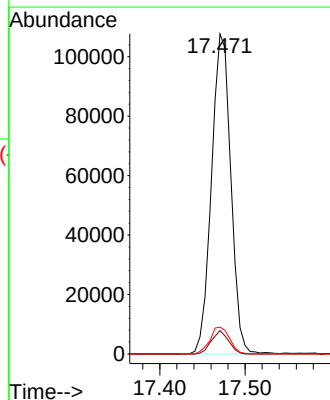
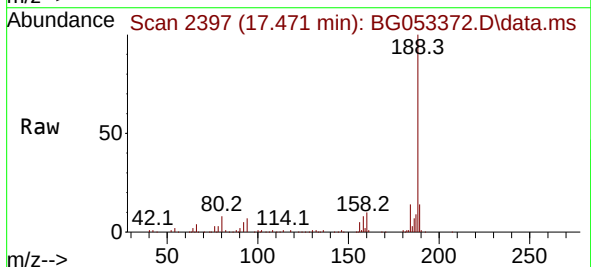
Tgt Ion:188 Resp: 169354

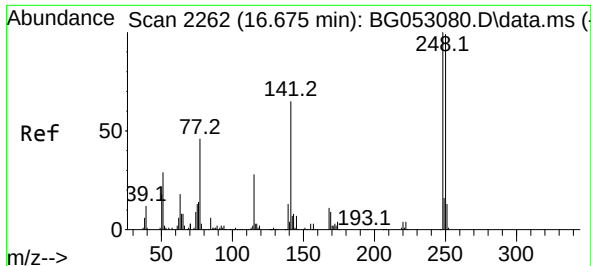
Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.4 7.2 10.8

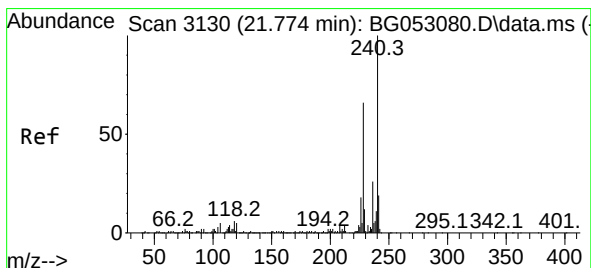
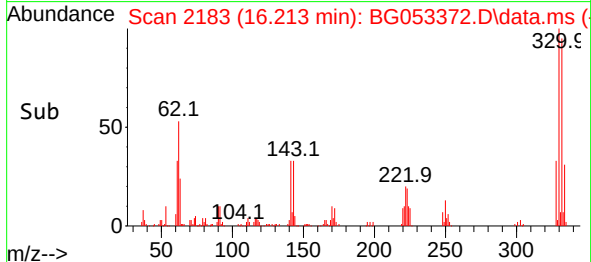
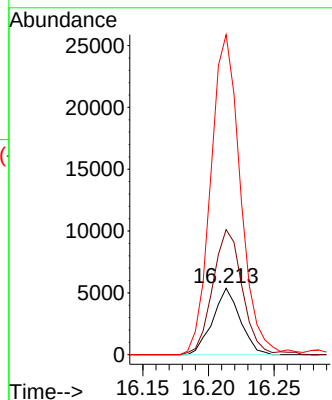
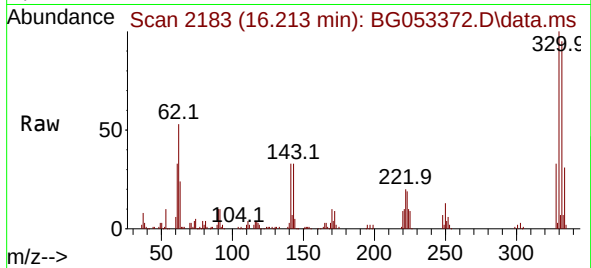




#67
4-Bromophenyl-phenylether
Concen: 3.596 ng
RT: 16.213 min Scan# 21183
Delta R.T. -0.447 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

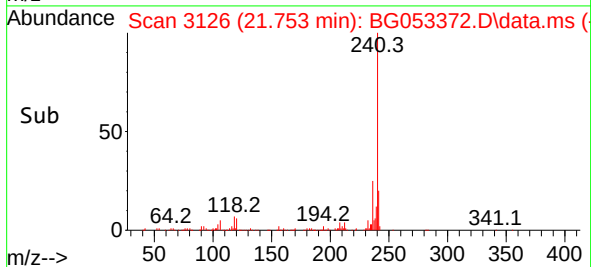
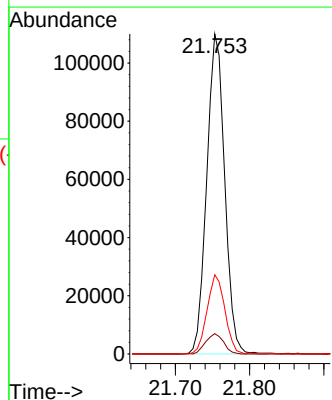
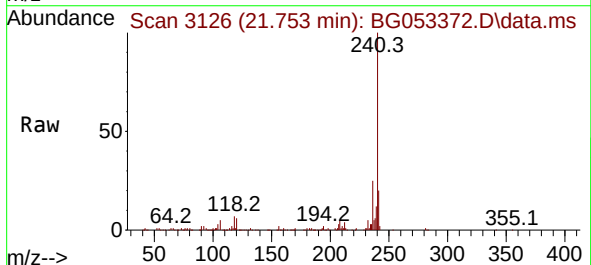
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

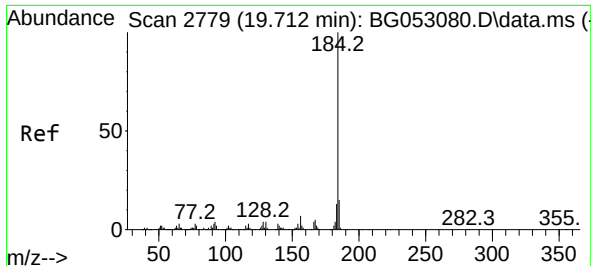
Tgt Ion:248 Resp: 7804
Ion Ratio Lower Upper
248 100
250 188.5 77.9 116.9#
141 481.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion:240 Resp: 184771
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.8 19.8 29.6

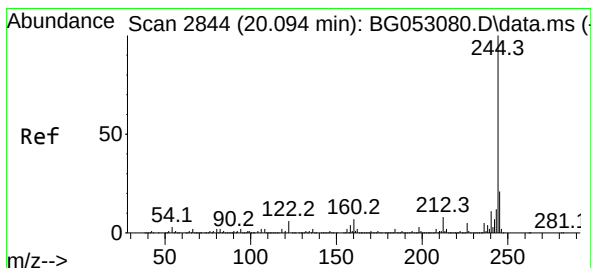
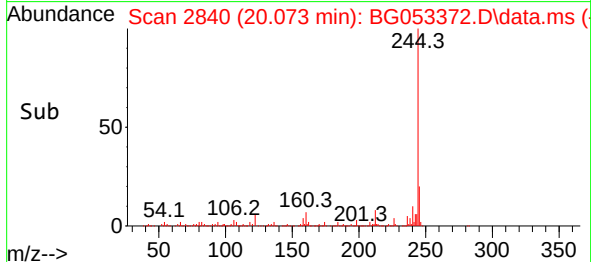
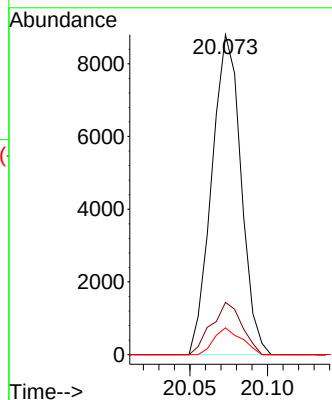
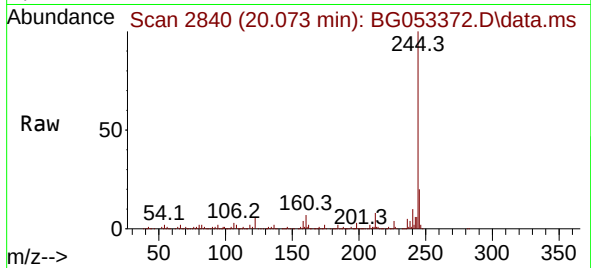




#77
Benzidine
Concen: 2.188 ng
RT: 20.073 min Scan# 2840
Delta R.T. 0.369 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

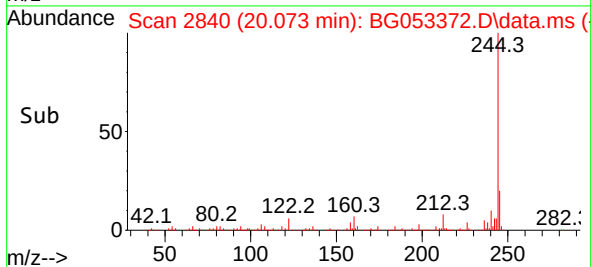
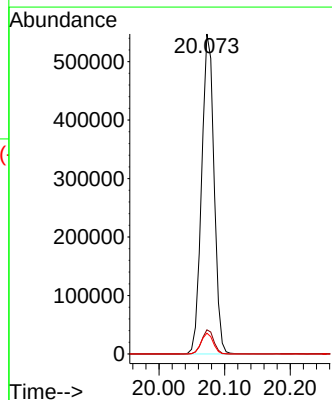
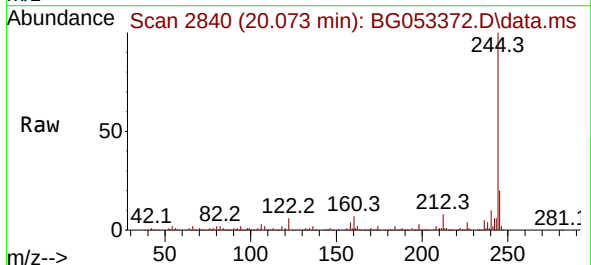
Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

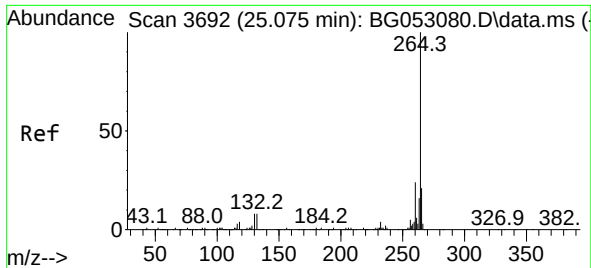
Tgt Ion:184 Resp: 11535
Ion Ratio Lower Upper
184 100
185 16.4 11.5 17.3
183 8.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 66.125 ng
RT: 20.073 min Scan# 2840
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Tgt Ion:244 Resp: 723427
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.5 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.049 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG053372.D
Acq: 28 Apr 2022 18:42

Instrument :
BNA_G
ClientSampleId :
GT-08-(25-30)

Tgt Ion:264 Resp: 184371

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.5	15.1	22.7

