

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054242.D
 Acq On : 8 Jul 2022 11:44
 Operator : CG/JU
 Sample : PB146041TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146041TB

Quant Time: Jul 08 13:53:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

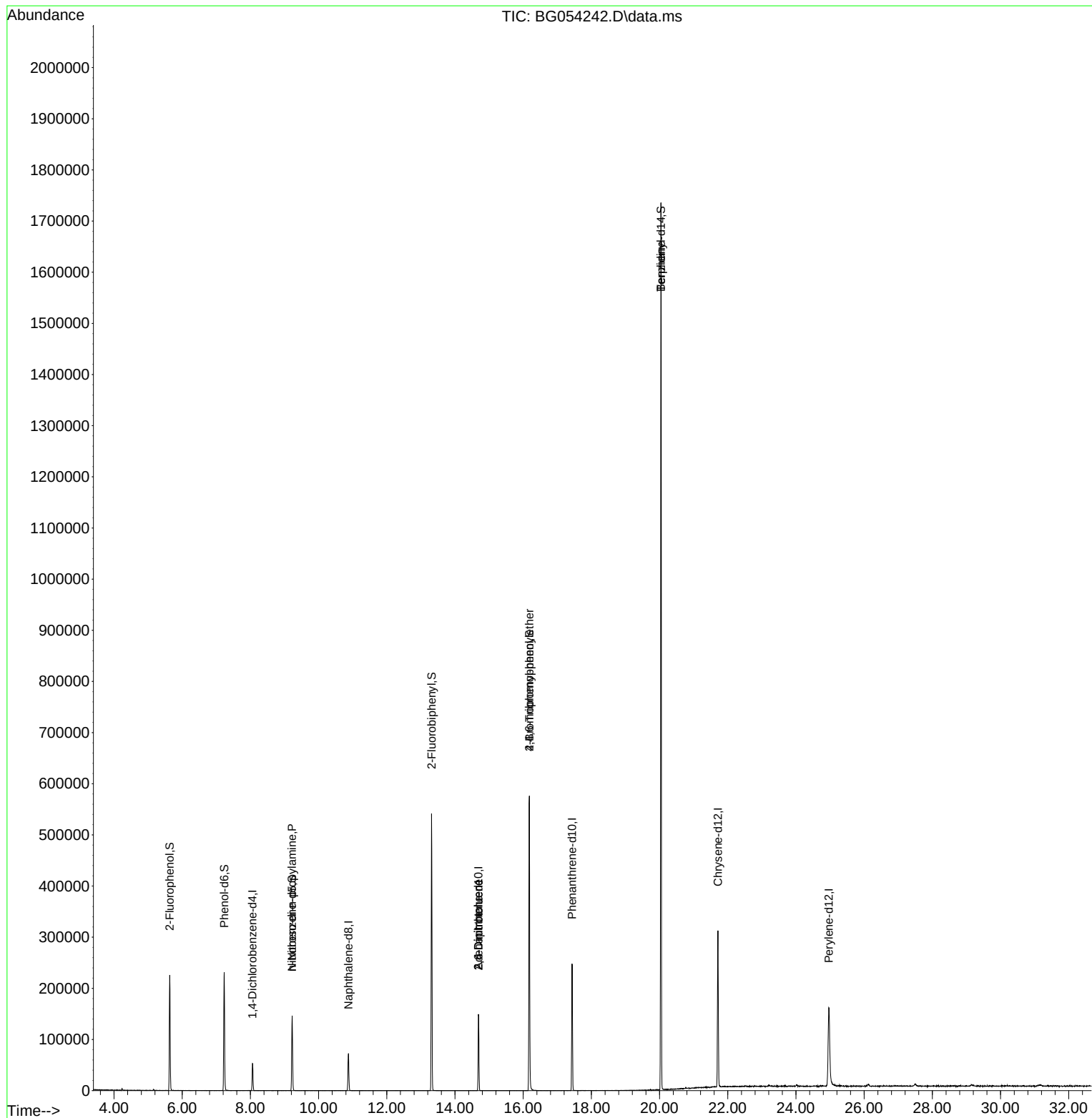
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	17718	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	69644	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	59319	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	191697	20.000	ng	# 0.00
76) Chrysene-d12	21.708	240	228112	20.000	ng	0.00
86) Perylene-d12	24.963	264	232184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	101905	109.964	ng	0.00
7) Phenol-d6	7.231	99	141505	112.559	ng	0.00
23) Nitrobenzene-d5	9.223	82	92518	74.653	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	156408	164.111	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	312299	76.556	ng	0.00
79) Terphenyl-d14	20.039	244	986021	87.059	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.223	70	12735	15.078	ng	# 77
51) 2,6-Dinitrotoluene	14.687	165	8318	9.113	ng	# 16
57) 2,4-Dinitrotoluene	14.687	165	8318	6.453	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	9492	3.965	ng	# 1
77) Benzidine	20.039	184	12892	2.729	ng	# 94

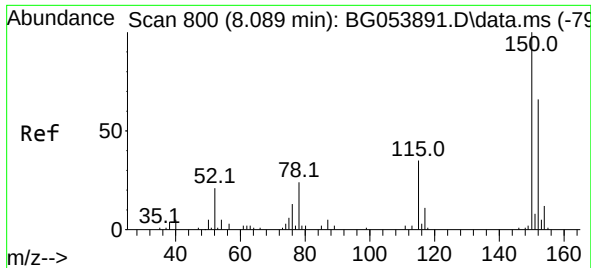
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

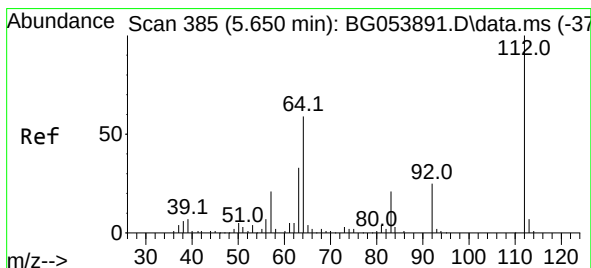
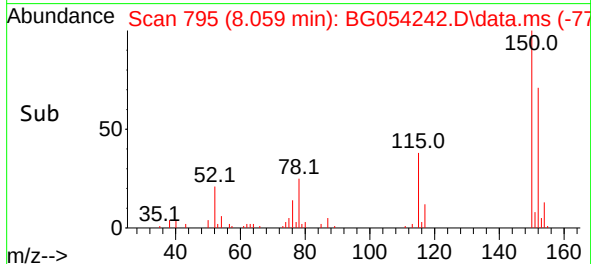
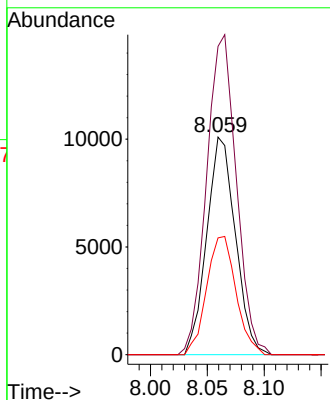
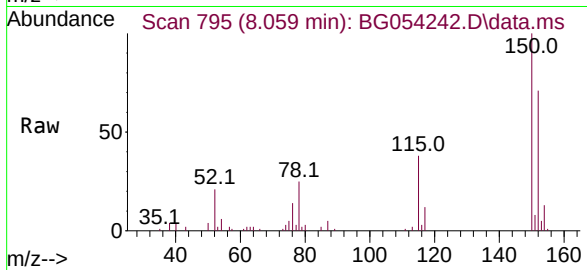




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

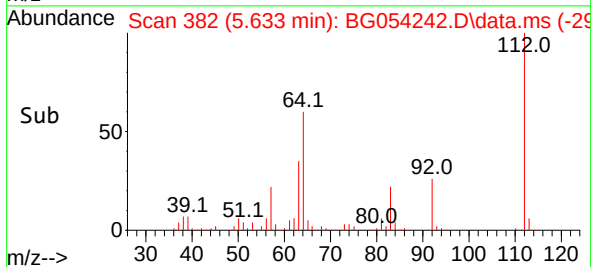
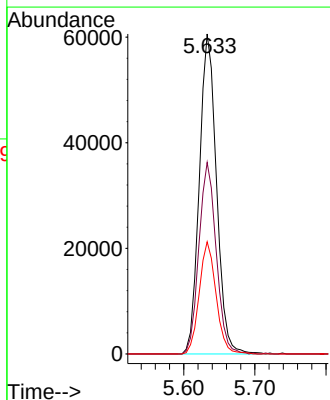
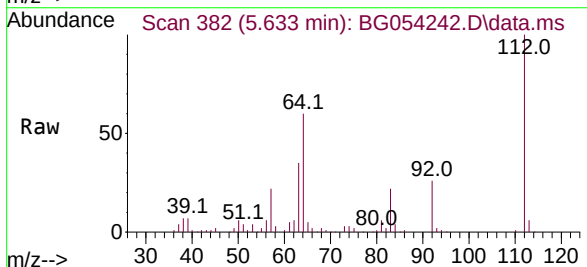
Instrument :
BNA_G
ClientSampleId :
PB146041TB

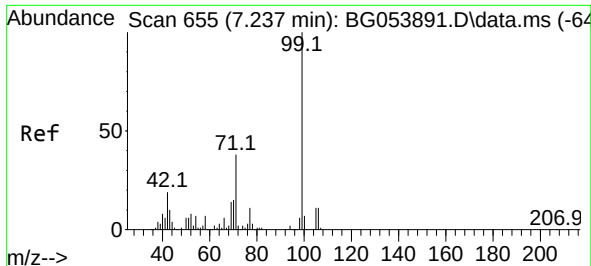
Tgt Ion:152 Resp: 17718
Ion Ratio Lower Upper
152 100
150 141.7 131.6 197.4
115 53.7 50.9 76.3



#5
2-Fluorophenol
Concen: 109.964 ng
RT: 5.633 min Scan# 382
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:112 Resp: 101905
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.1 30.4 45.6

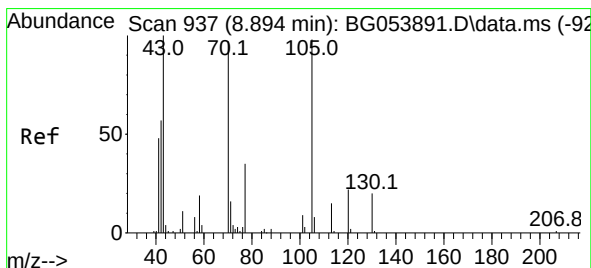
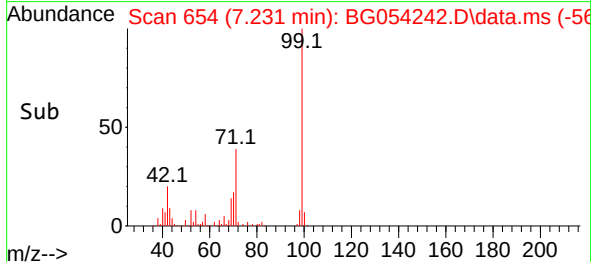
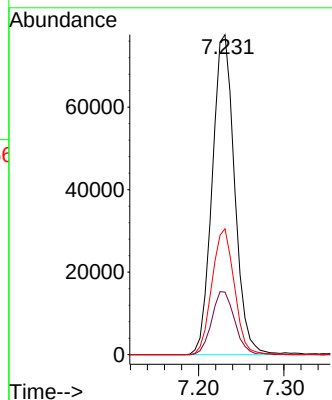
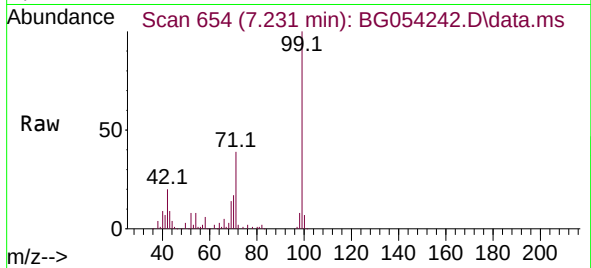




#7
Phenol-d6
Concen: 112.559 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

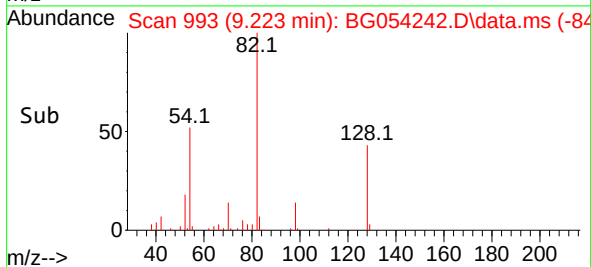
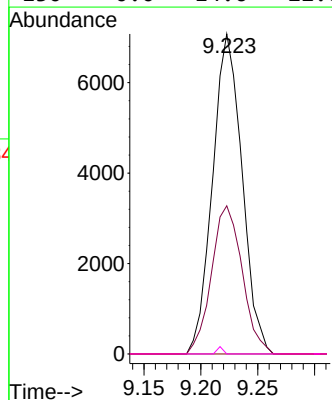
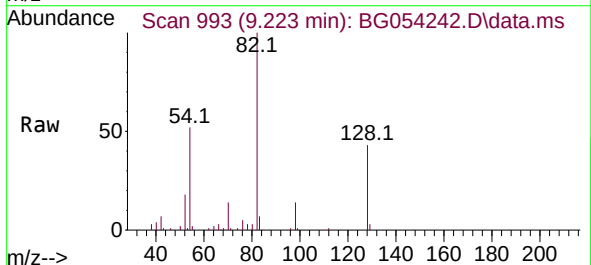
Instrument :
BNA_G
ClientSampleId :
PB146041TB

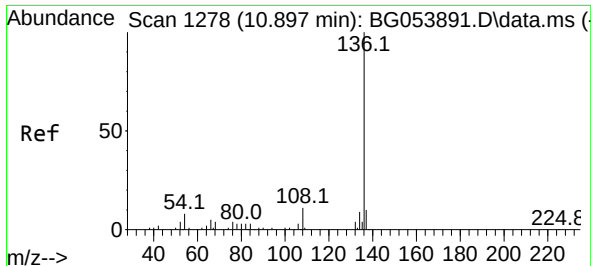
Tgt Ion: 99 Resp: 141505
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 39.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.078 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.359 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion: 70 Resp: 12735
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

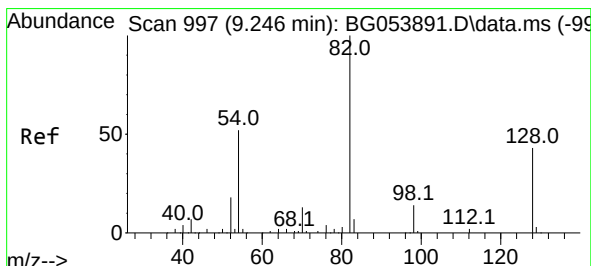
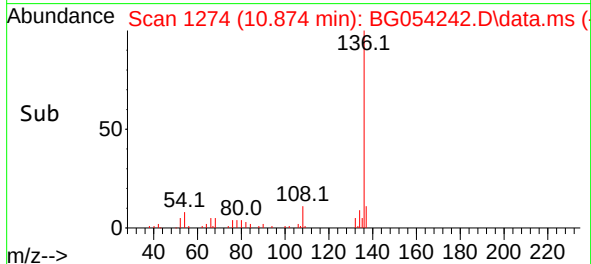
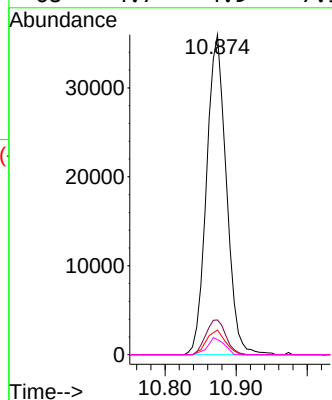
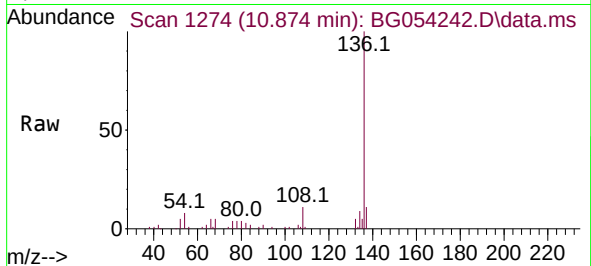




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

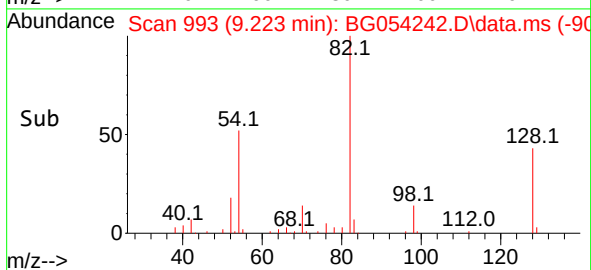
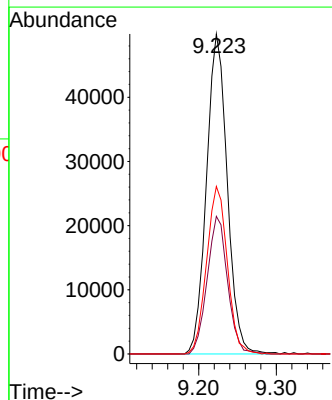
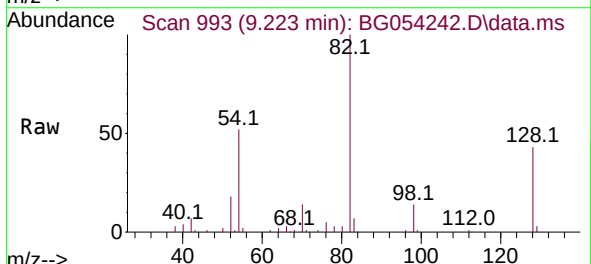
Instrument :
BNA_G
ClientSampleId :
PB146041TB

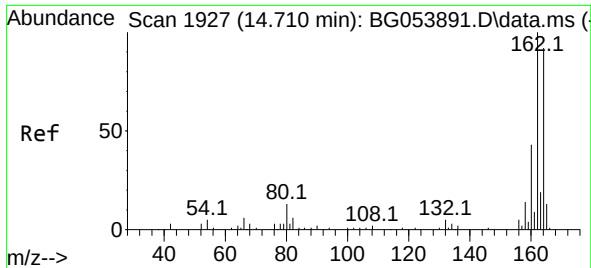
Tgt Ion:	136	Resp:	69644
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.7	7.4	11.2
68	4.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 74.653 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:	82	Resp:	92518
Ion Ratio	Lower	Upper	
82	100		
128	43.0	27.9	41.9
54	52.3	41.2	61.8

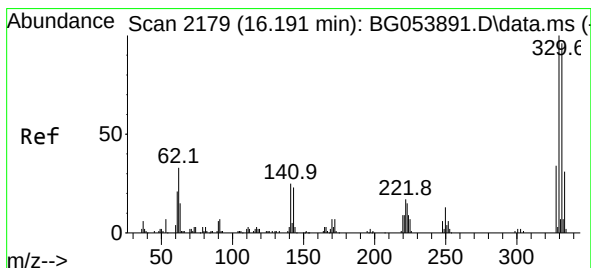
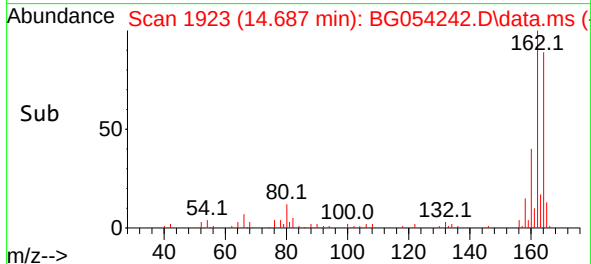
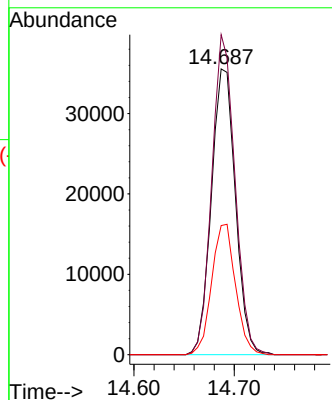
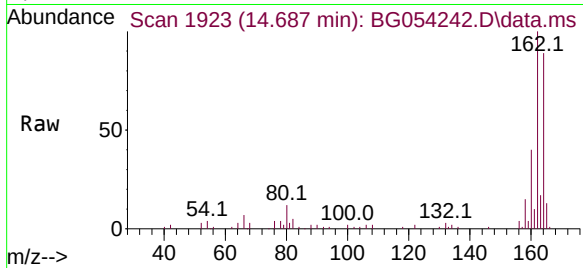




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.687 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

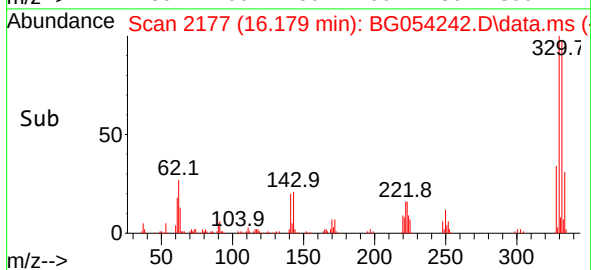
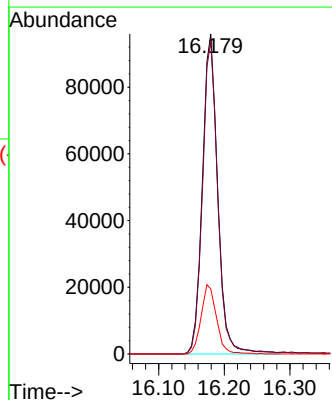
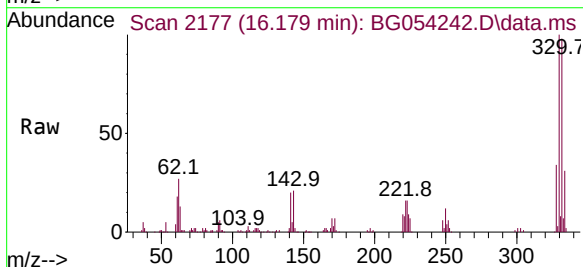
Instrument :
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 ClientSampleId :
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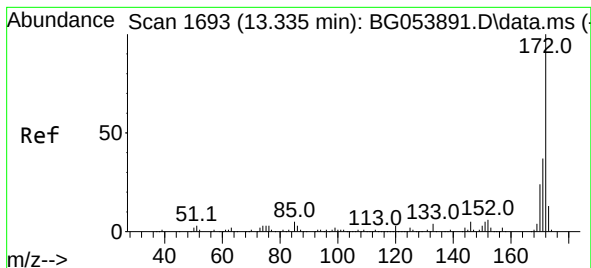
Tgt Ion:164 Resp: 59319
 Ion Ratio Lower Upper
 164 100
 162 112.0 82.3 123.5
 160 45.2 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 164.111 ng
 RT: 16.179 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

Tgt Ion:330 Resp: 156408
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 21.7 27.1 40.7#

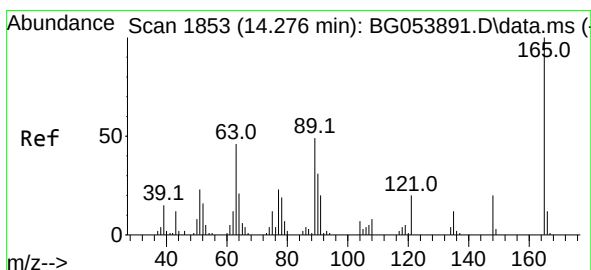
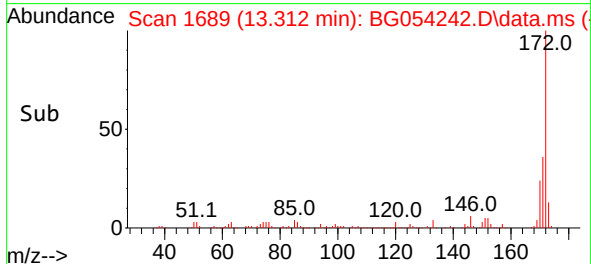
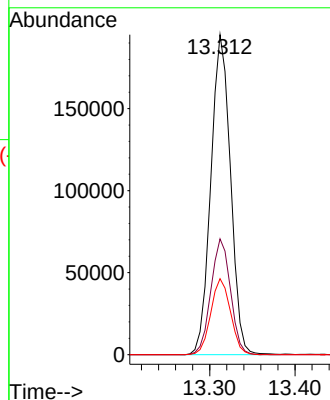
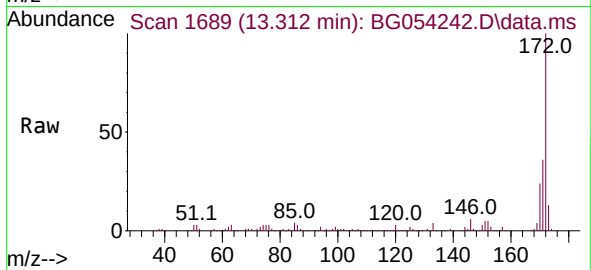




#45
2-Fluorobiphenyl
Concen: 76.556 ng
RT: 13.312 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

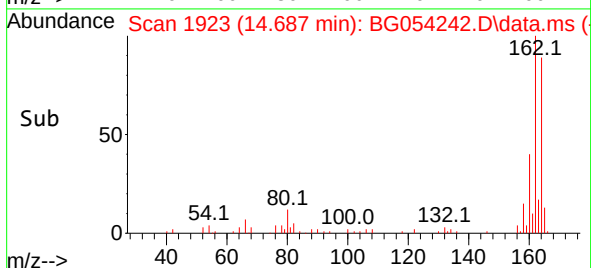
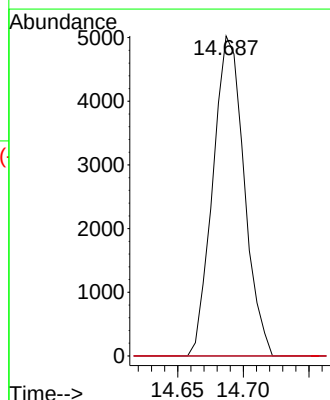
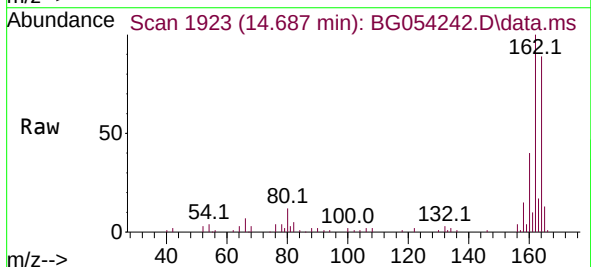
Instrument :
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ClientSampleId :
PB146041TB

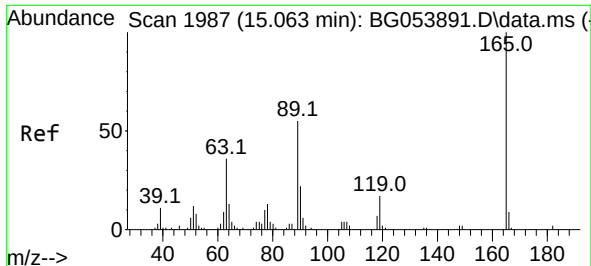
Tgt Ion:172 Resp: 312299
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.113 ng
RT: 14.687 min Scan# 1923
Delta R.T. 0.429 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:165 Resp: 8318
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: 6.453 ng

RT: 14.687 min Scan# 1987

Delta R.T. -0.364 min

Lab File: BG054242.D

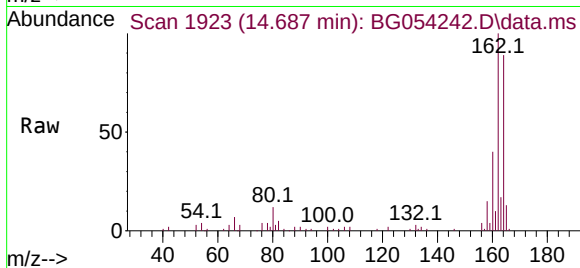
Acq: 8 Jul 2022 11:44

Instrument :

BNA_G

ClientSampleId :

PB146041TB



Tgt Ion:165 Resp: 8318

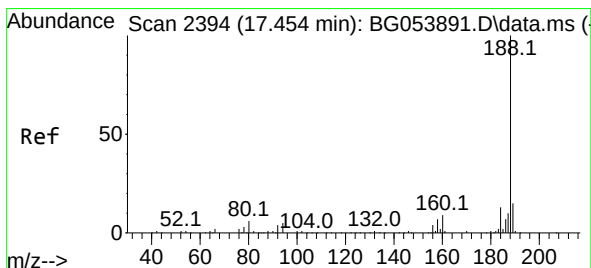
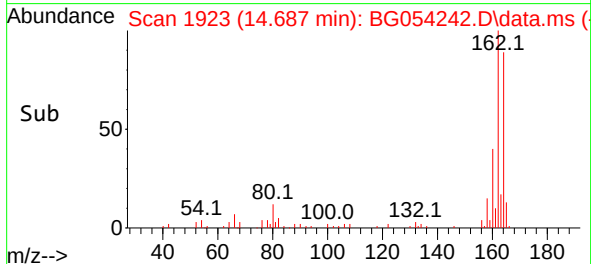
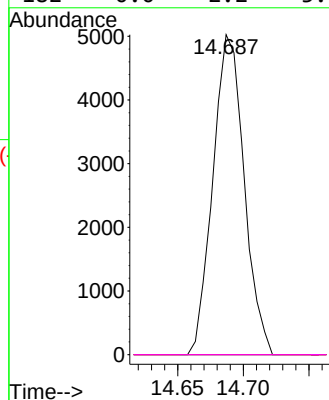
Ion Ratio Lower Upper

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: 17.431 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BG054242.D

Acq: 8 Jul 2022 11:44

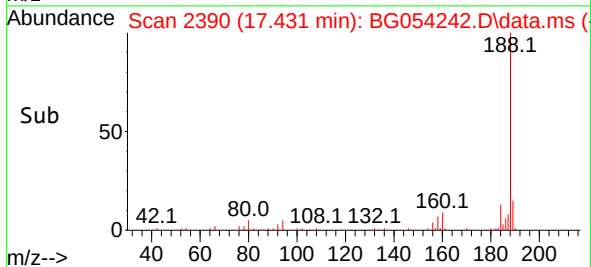
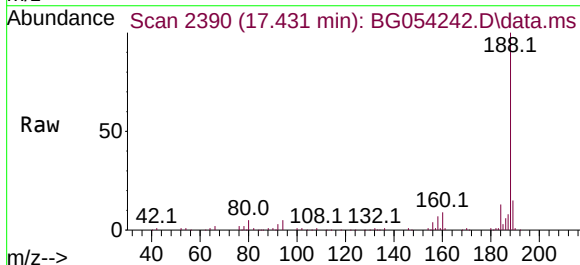
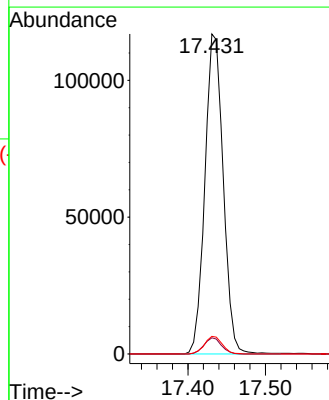
Tgt Ion:188 Resp: 191697

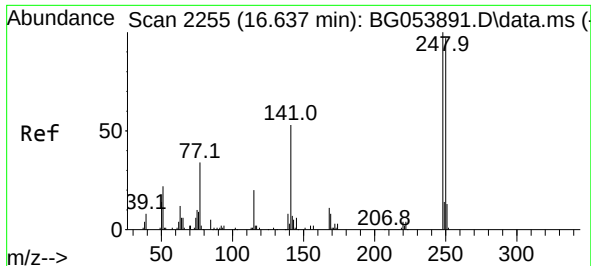
Ion Ratio Lower Upper

188 100

94 5.0 5.4 8.0#

80 5.5 6.8 10.2#

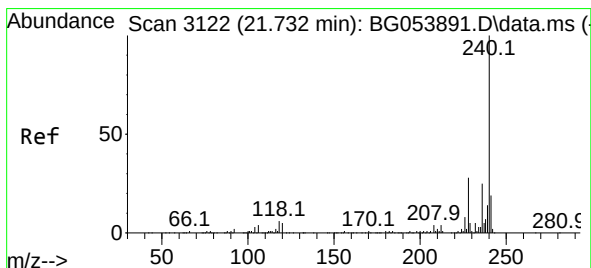
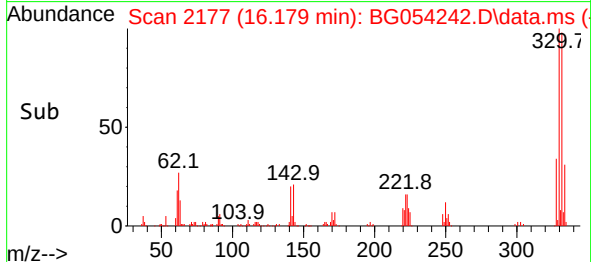
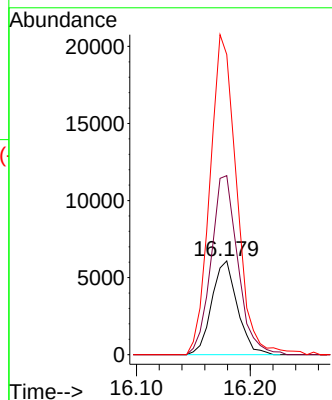
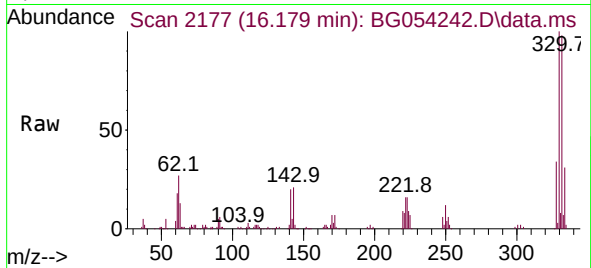




#67
4-Bromophenyl-phenylether
Concen: 3.965 ng
RT: 16.179 min Scan# 2117
Delta R.T. -0.435 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

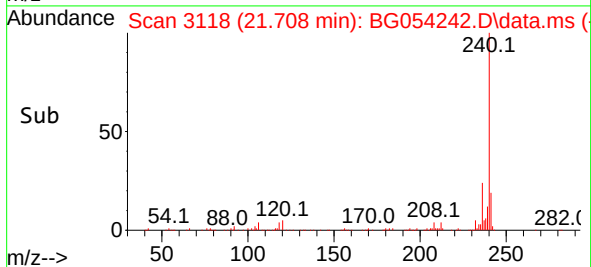
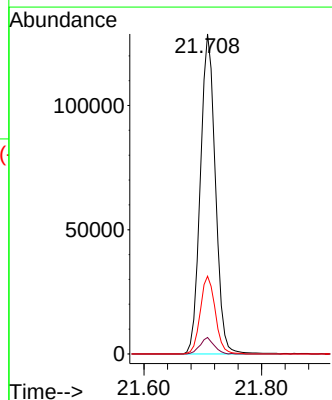
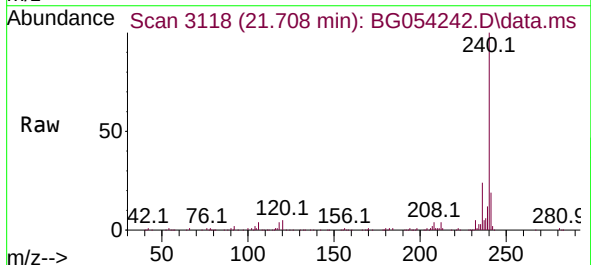
Instrument :
BNA_G
ClientSampleId :
PB146041TB

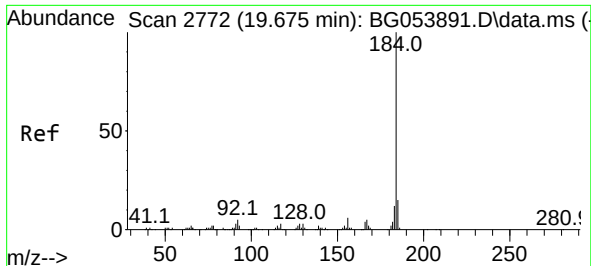
Tgt Ion:248 Resp: 9492
Ion Ratio Lower Upper
248 100
250 246.7 75.2 112.8#
141 320.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.708 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:240 Resp: 228112
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 24.3 20.2 30.4

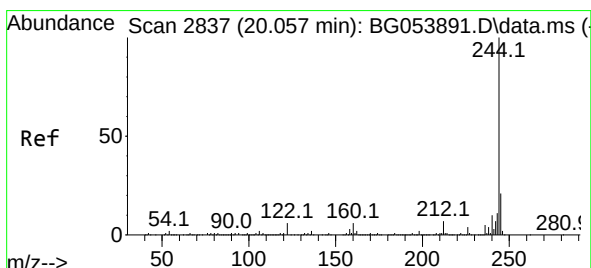
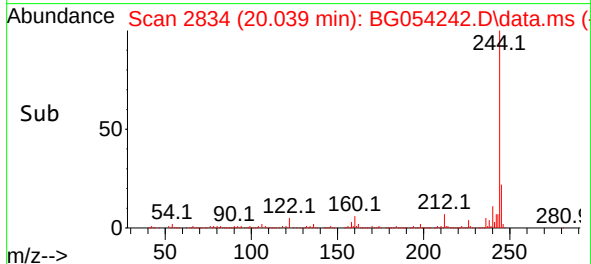
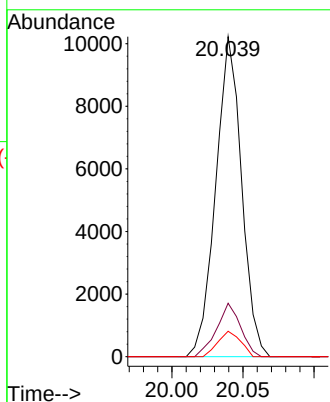
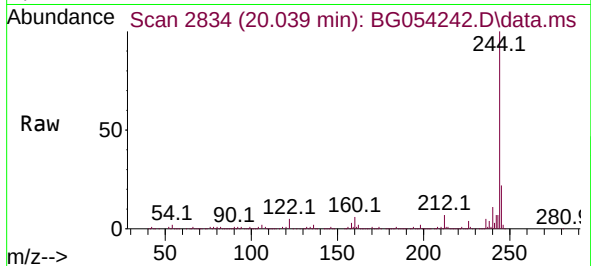




#77
Benzidine
Concen: 2.729 ng
RT: 20.039 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

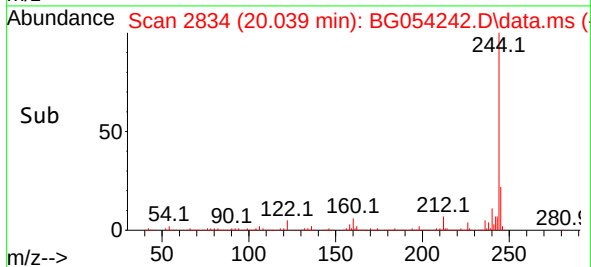
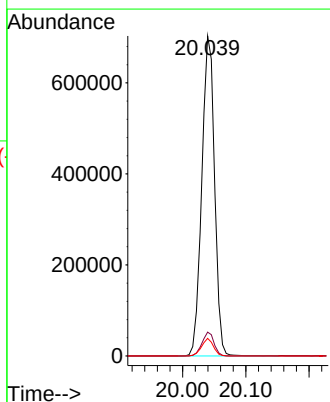
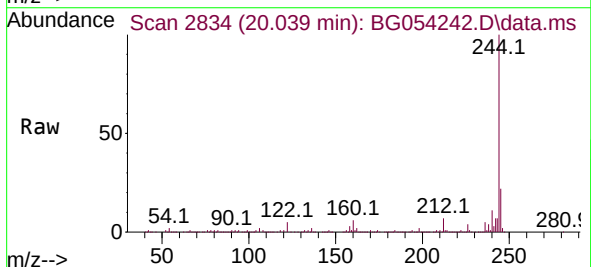
Instrument :
BNA_G
ClientSampleId :
PB146041TB

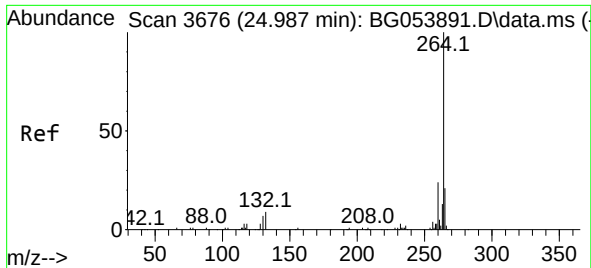
Tgt Ion:184 Resp: 12892
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 8.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.059 ng
RT: 20.039 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:244 Resp: 986021
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.963 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

Instrument :
 BNA_G
 ClientSampleId :
 PB146041TB

Tgt Ion:264 Resp: 232184
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.2 17.4 26.2

