

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053912.D
 Acq On : 14 Jun 2022 22:04
 Operator : CG/JU
 Sample : N3329-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 15 03:05:16 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 13 15:49:31 2022
 Response via : Initial Calibration

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

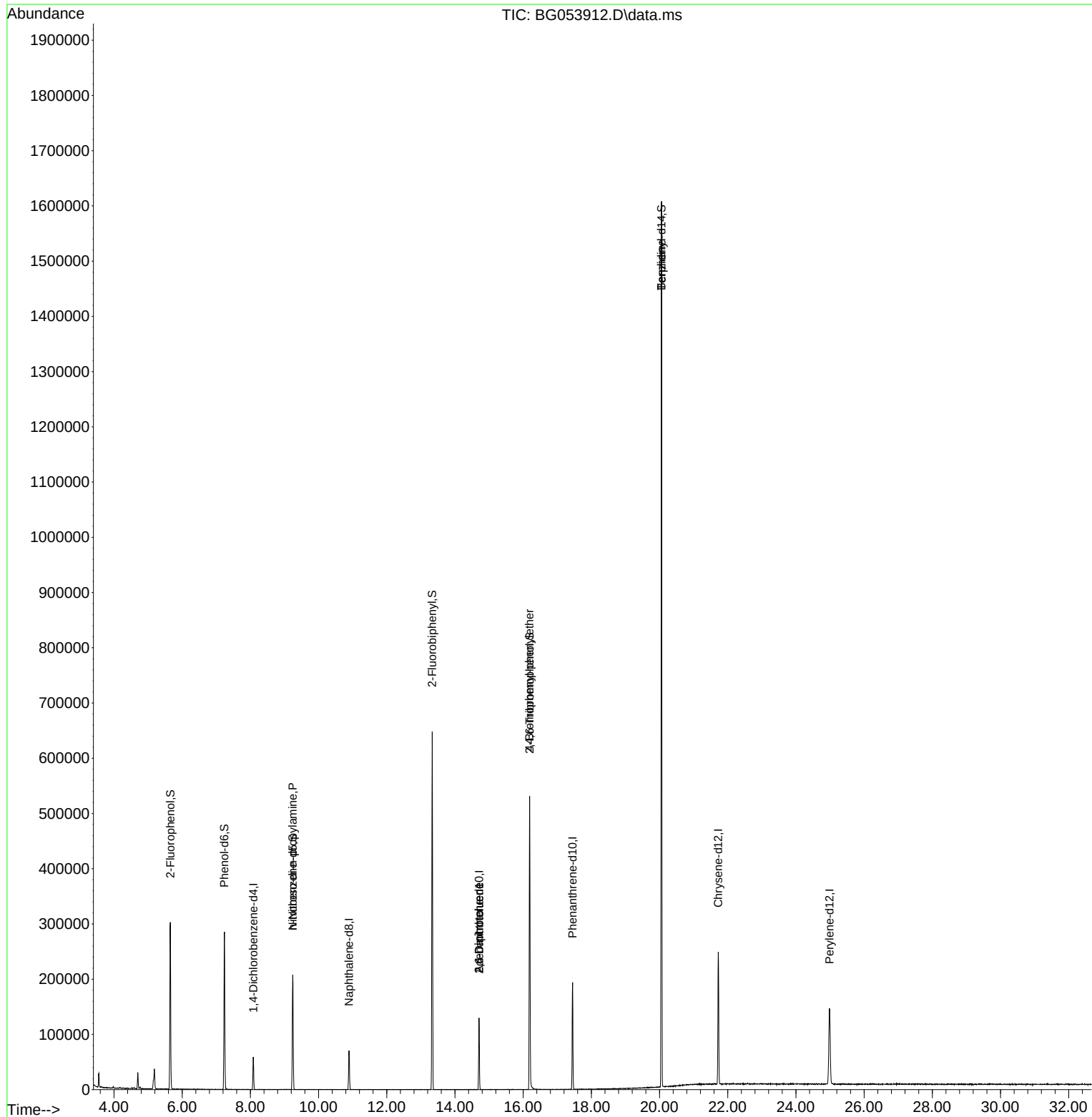
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	17539	20.000	ng	# 0.00
21) Naphthalene-d8	10.894	136	66188	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	50941	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	139779	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	174438	20.000	ng	0.00
86) Perylene-d12	24.983	264	175101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	140897	153.591	ng	0.00
7) Phenol-d6	7.239	99	170752	137.210	ng	0.00
23) Nitrobenzene-d5	9.243	82	130065	110.430	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	143245	175.018	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	375797	107.273	ng	0.00
79) Terphenyl-d14	20.059	244	916588	105.830	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.243	70	17722	21.197	ng	# 85
51) 2,6-Dinitrotoluene	14.707	165	7095	9.052	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	7095	6.409	ng	# 21
67) 4-Bromophenyl-phenylether	16.187	248	8924	5.112	ng	# 1
77) Benzidine	20.059	184	11590	3.208	ng	# 92

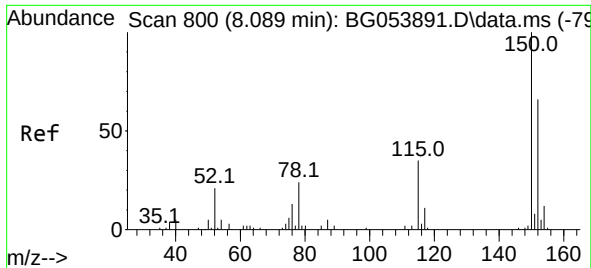
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
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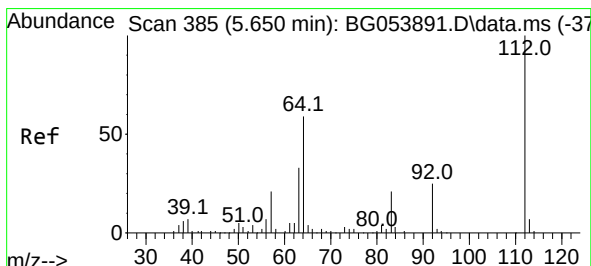
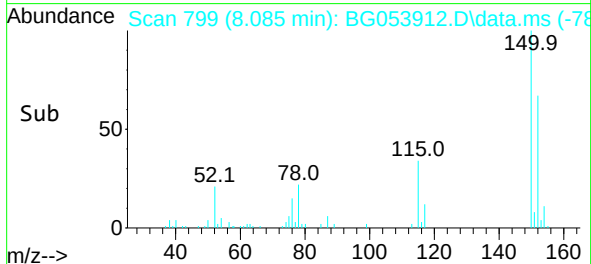
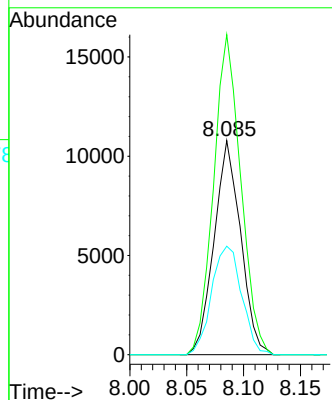
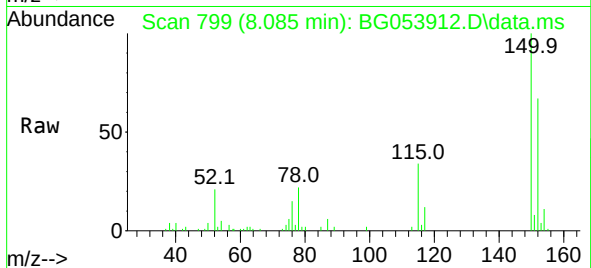




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

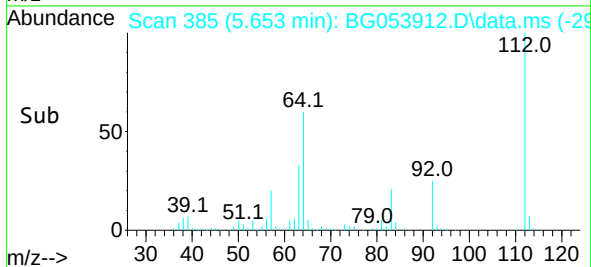
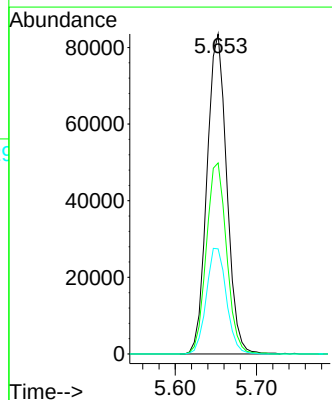
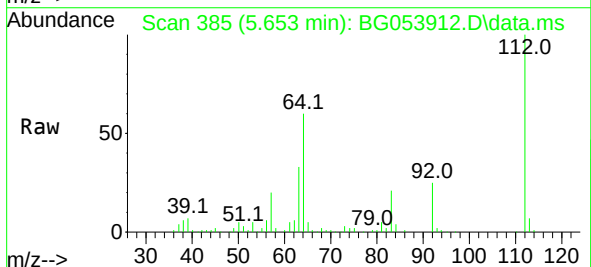
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

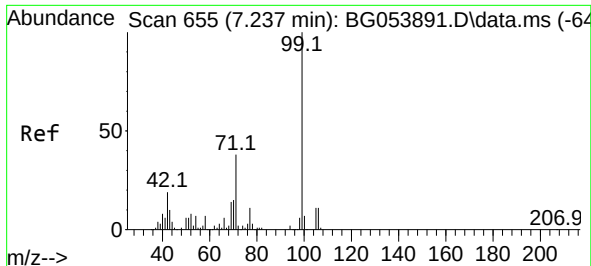
Tgt Ion:152 Resp: 17539
Ion Ratio Lower Upper
152 100
150 149.4 131.6 197.4
115 50.6 50.9 76.3#



#5
2-Fluorophenol
Concen: 153.591 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:112 Resp: 140897
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 32.8 30.4 45.6

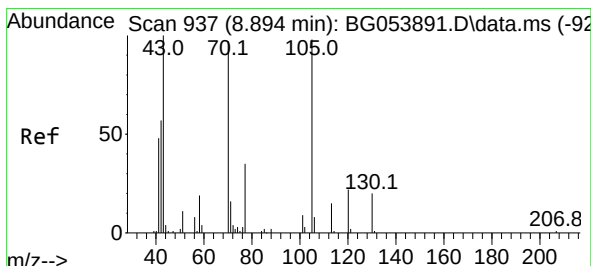
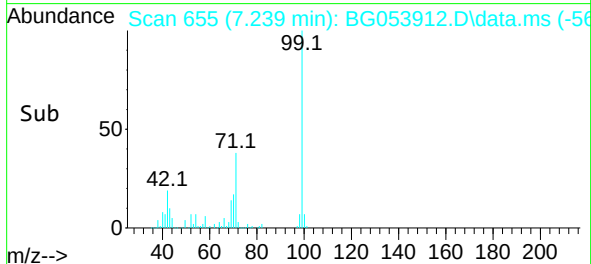
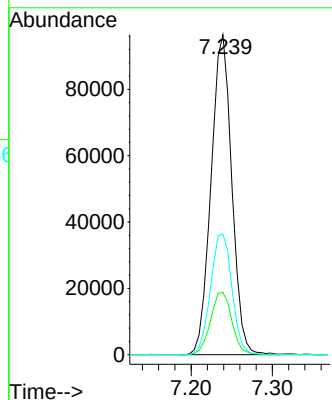
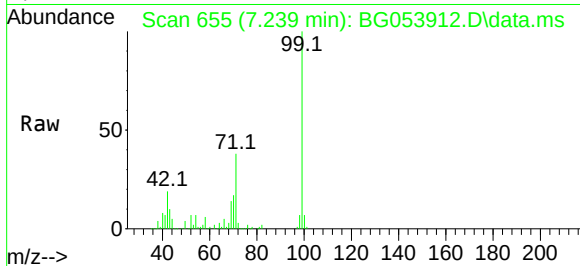




#7
Phenol-d6
Concen: 137.210 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

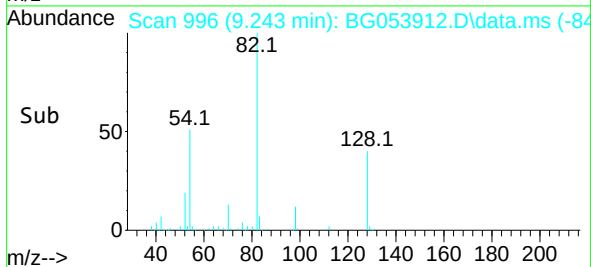
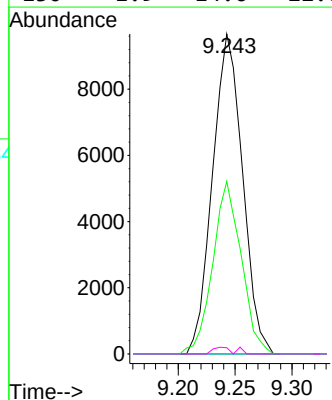
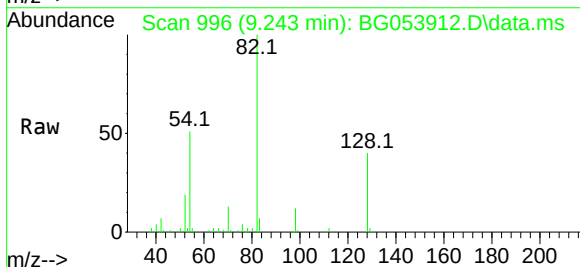
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

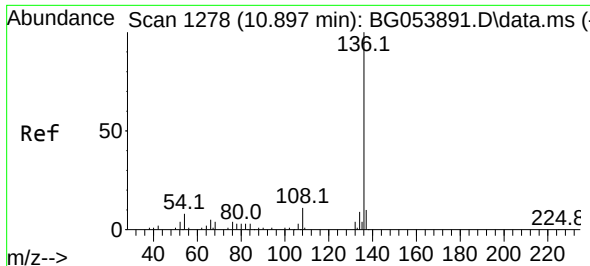
Tgt Ion: 99 Resp: 170752
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.197 ng
RT: 9.243 min Scan# 996
Delta R.T. 0.349 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion: 70 Resp: 17722
Ion Ratio Lower Upper
70 100
42 54.0 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

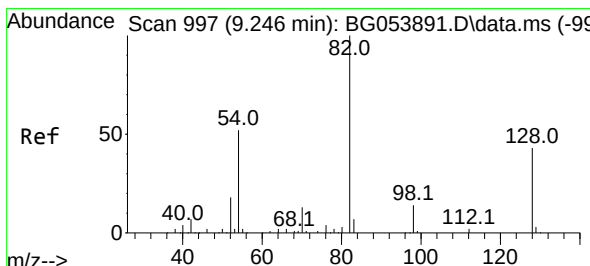
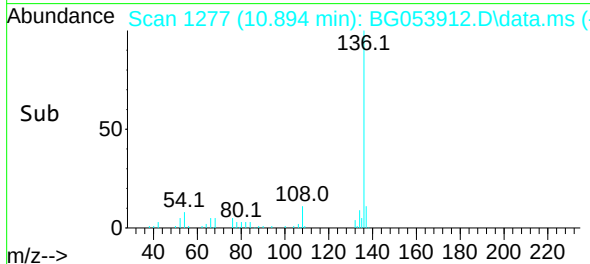
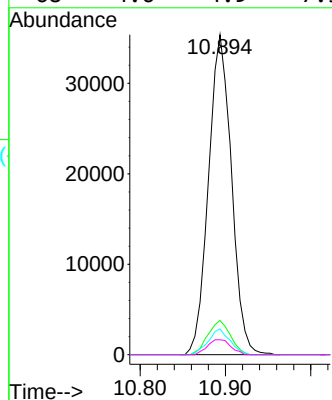
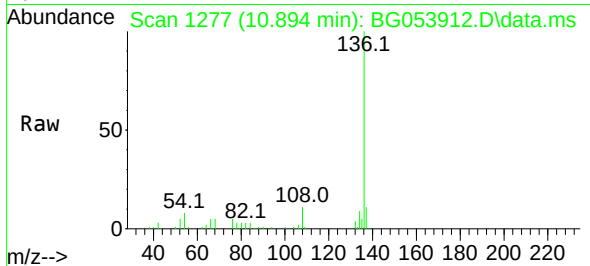




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

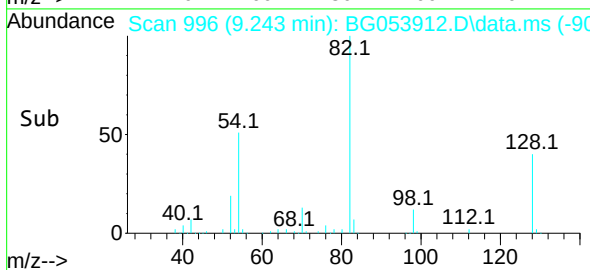
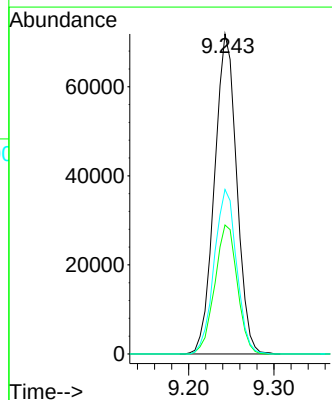
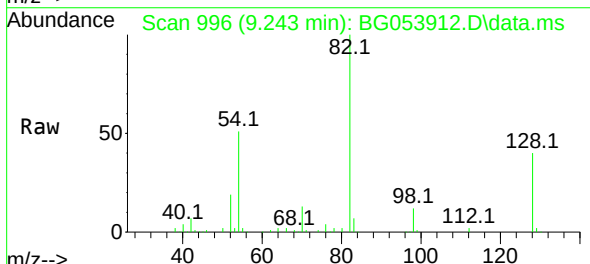
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

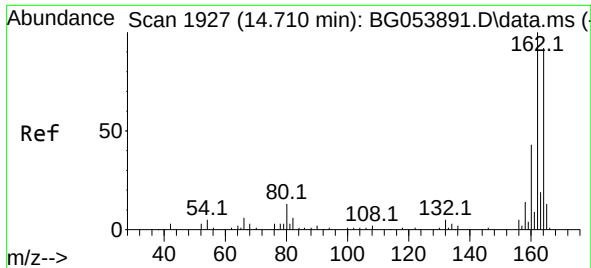
Tgt Ion:	136	Resp:	66188
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	8.0	7.4	11.2
68	4.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 110.430 ng
RT: 9.243 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:	82	Resp:	130065
Ion Ratio	Lower	Upper	
82	100		
128	40.3	27.9	41.9
54	51.4	41.2	61.8

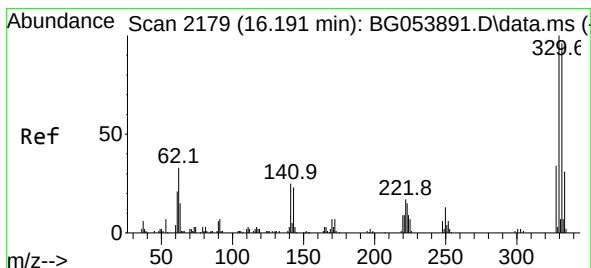
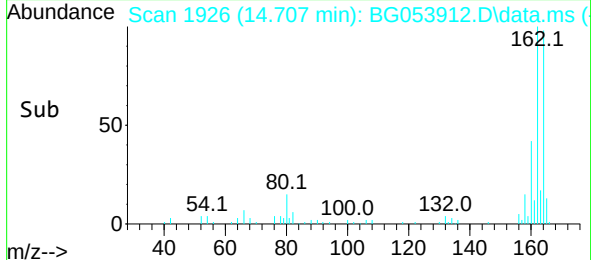
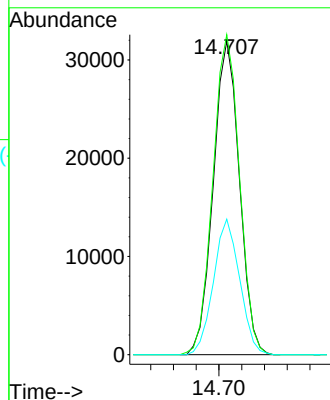
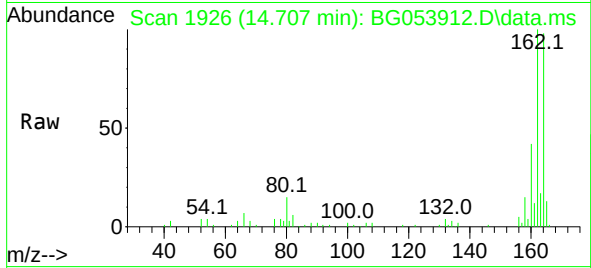




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

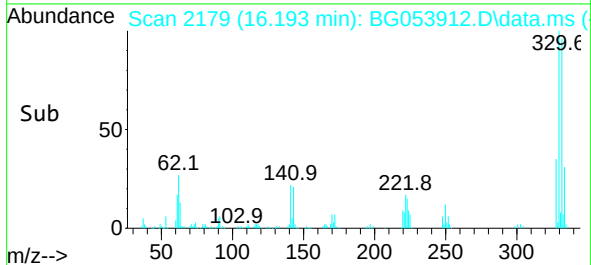
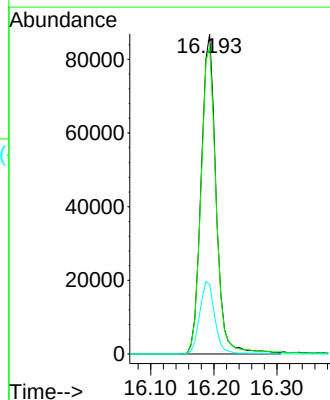
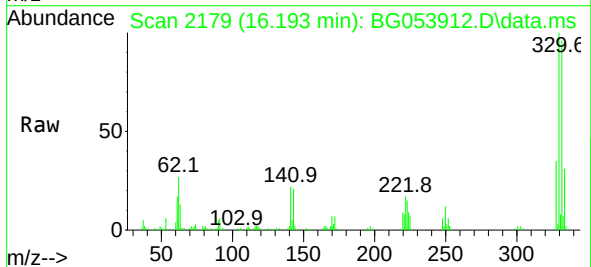
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

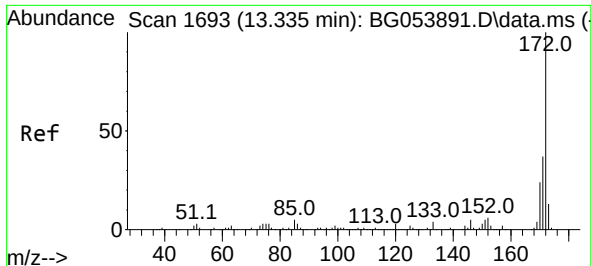
Tgt Ion:164 Resp: 50941
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 175.018 ng
RT: 16.193 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:330 Resp: 143245
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 23.0 27.1 40.7#

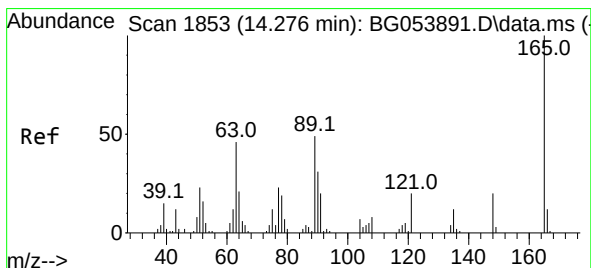
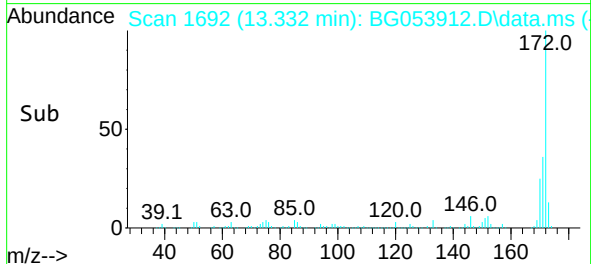
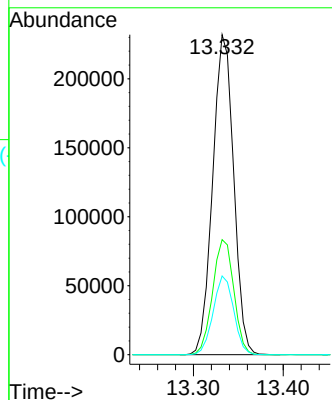
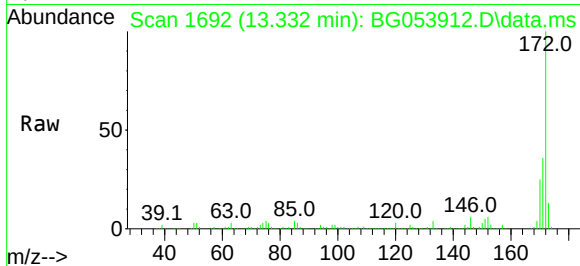




#45
2-Fluorobiphenyl
Concen: 107.273 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

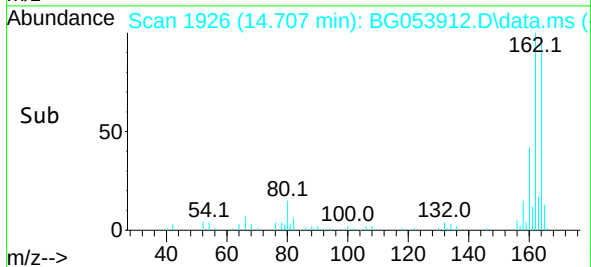
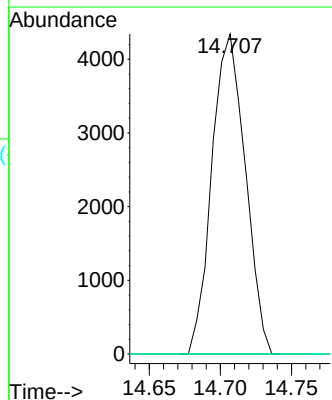
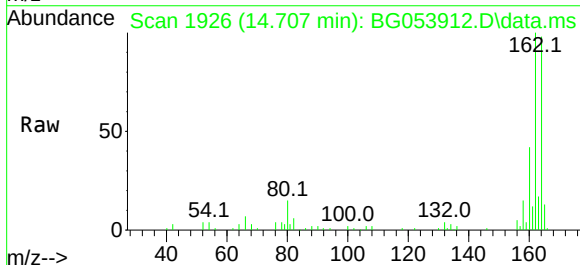
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

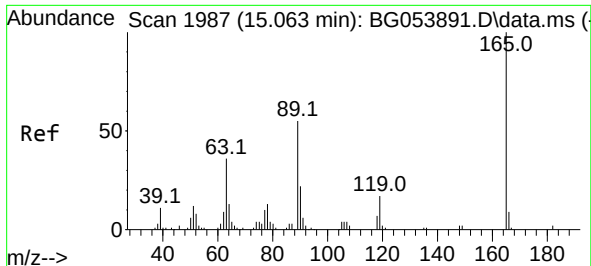
Tgt Ion:172 Resp: 375797
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.052 ng
RT: 14.707 min Scan# 1926
Delta R.T. 0.431 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:165 Resp: 7095
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: 6.409 ng

RT: 14.707 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG053912.D

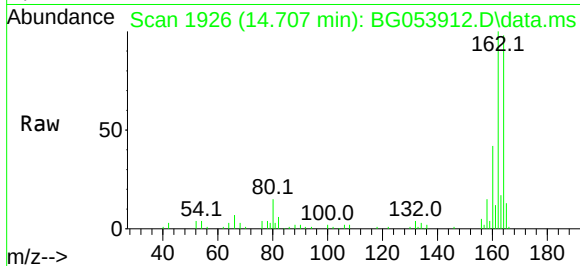
Acq: 14 Jun 2022 22:04

Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-3



Tgt Ion:165 Resp: 7095

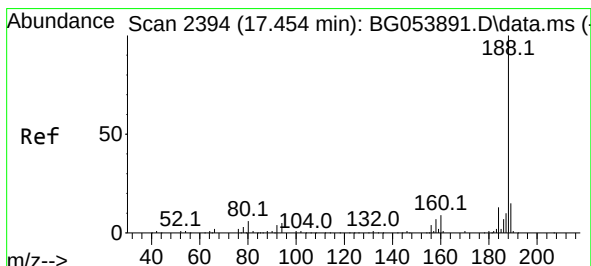
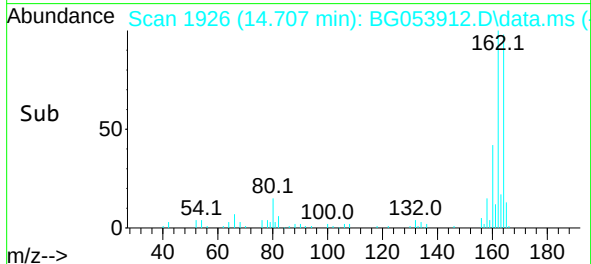
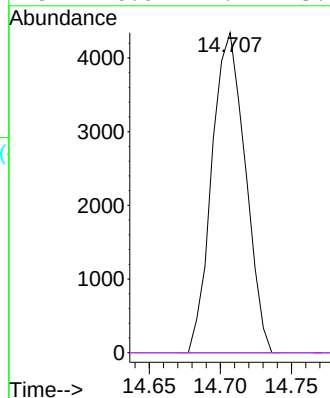
Ion Ratio Lower Upper

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: 17.451 min Scan# 2393

Delta R.T. -0.004 min

Lab File: BG053912.D

Acq: 14 Jun 2022 22:04

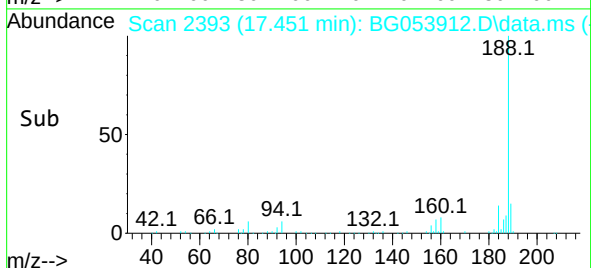
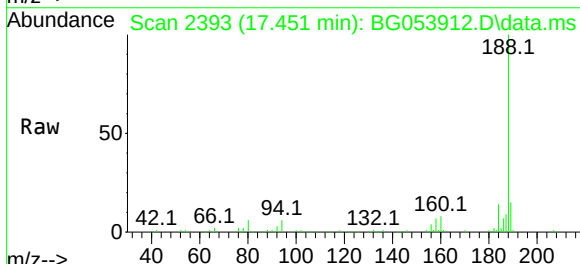
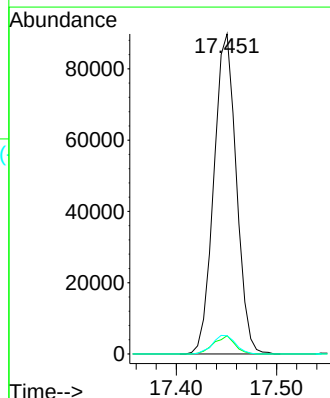
Tgt Ion:188 Resp: 139779

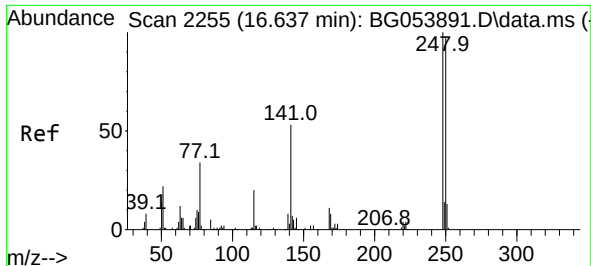
Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

80 5.7 6.8 10.2#

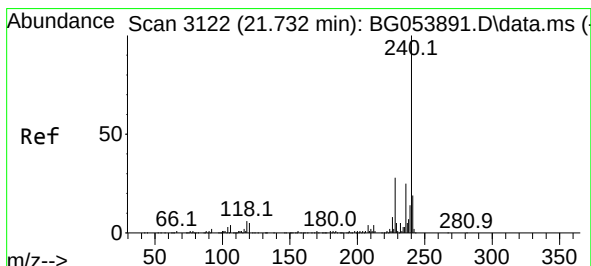
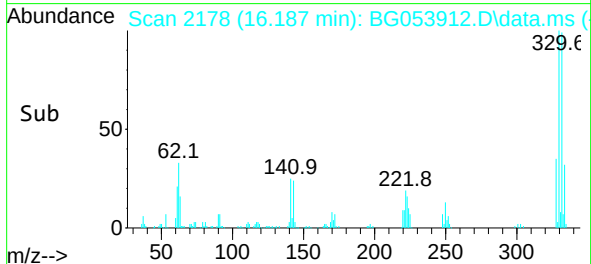
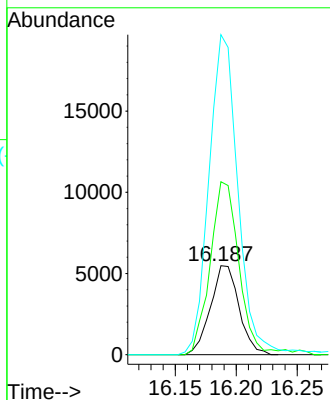
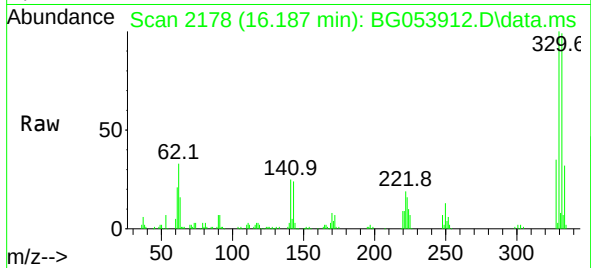




#67
4-Bromophenyl-phenylether
Concen: 5.112 ng
RT: 16.187 min Scan# 2178
Delta R.T. -0.450 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

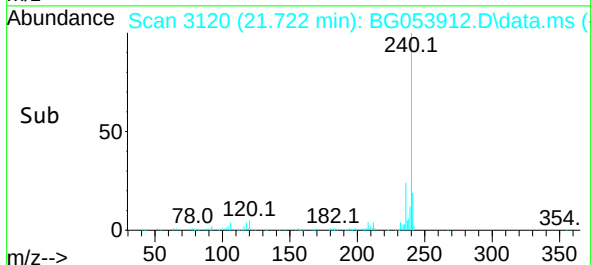
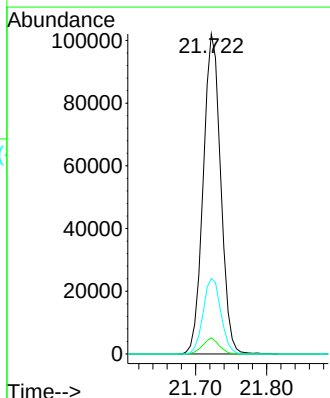
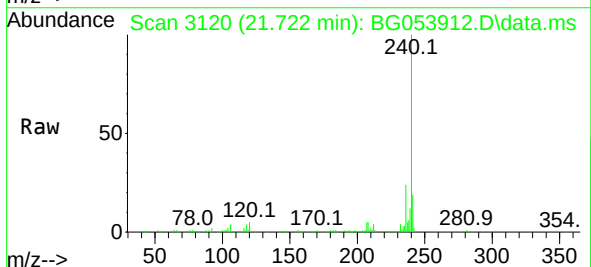
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

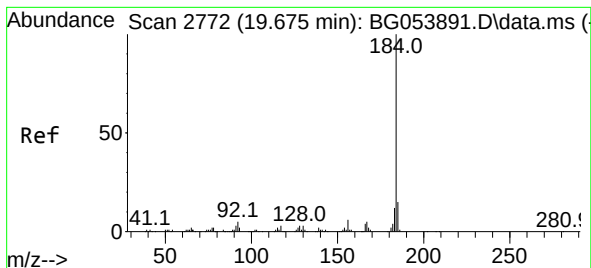
Tgt Ion:248 Resp: 8924
Ion Ratio Lower Upper
248 100
250 194.3 75.2 112.8#
141 359.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:240 Resp: 174438
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 23.6 20.2 30.4





#77

Benzidine

Concen: 3.208 ng

RT: 20.059 min Scan# 21

Delta R.T. 0.384 min

Lab File: BG053912.D

Acq: 14 Jun 2022 22:04

Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-3

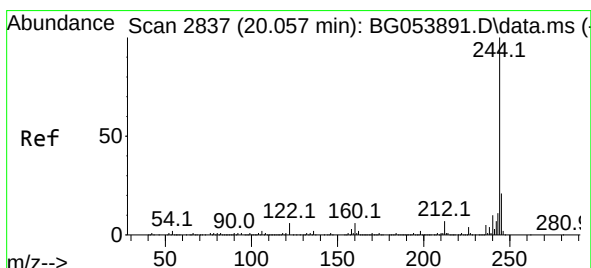
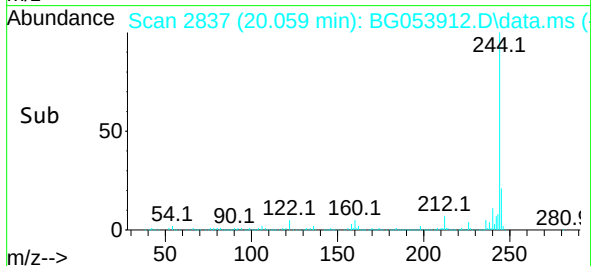
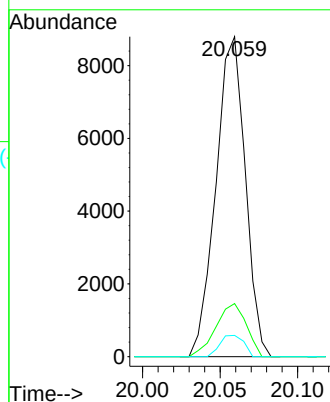
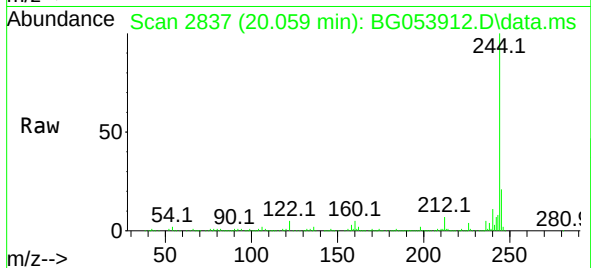
Tgt Ion:184 Resp: 11590

Ion Ratio Lower Upper

184 100

185 16.6 11.8 17.6

183 6.6 8.9 13.3#



#79

Terphenyl-d14

Concen: 105.830 ng

RT: 20.059 min Scan# 2837

Delta R.T. 0.002 min

Lab File: BG053912.D

Acq: 14 Jun 2022 22:04

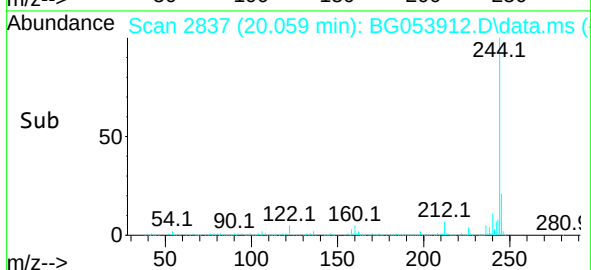
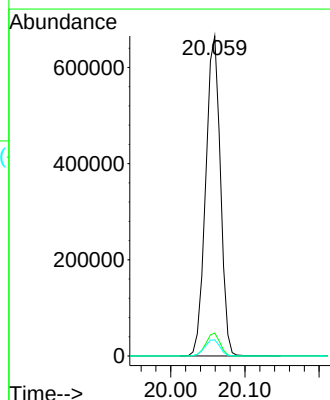
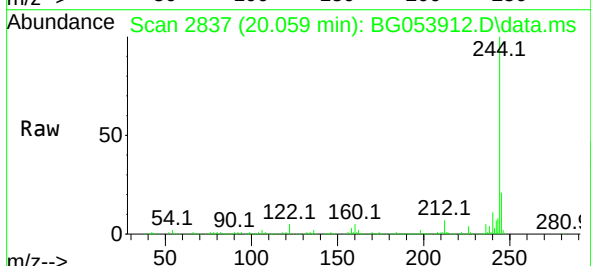
Tgt Ion:244 Resp: 916588

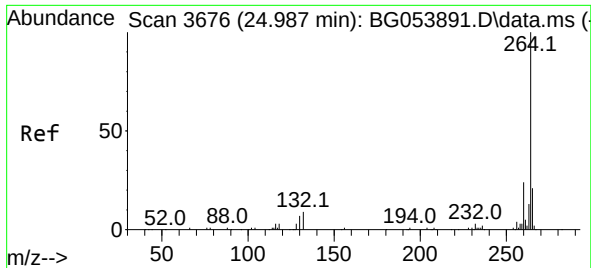
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion:264 Resp: 175101
Ion Ratio Lower Upper
264 100
260 25.1 19.0 28.6
265 21.5 17.4 26.2

