

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053911.D
 Acq On : 14 Jun 2022 21:24
 Operator : CG/JU
 Sample : N3329-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-2

Quant Time: Jun 15 03:04:53 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)

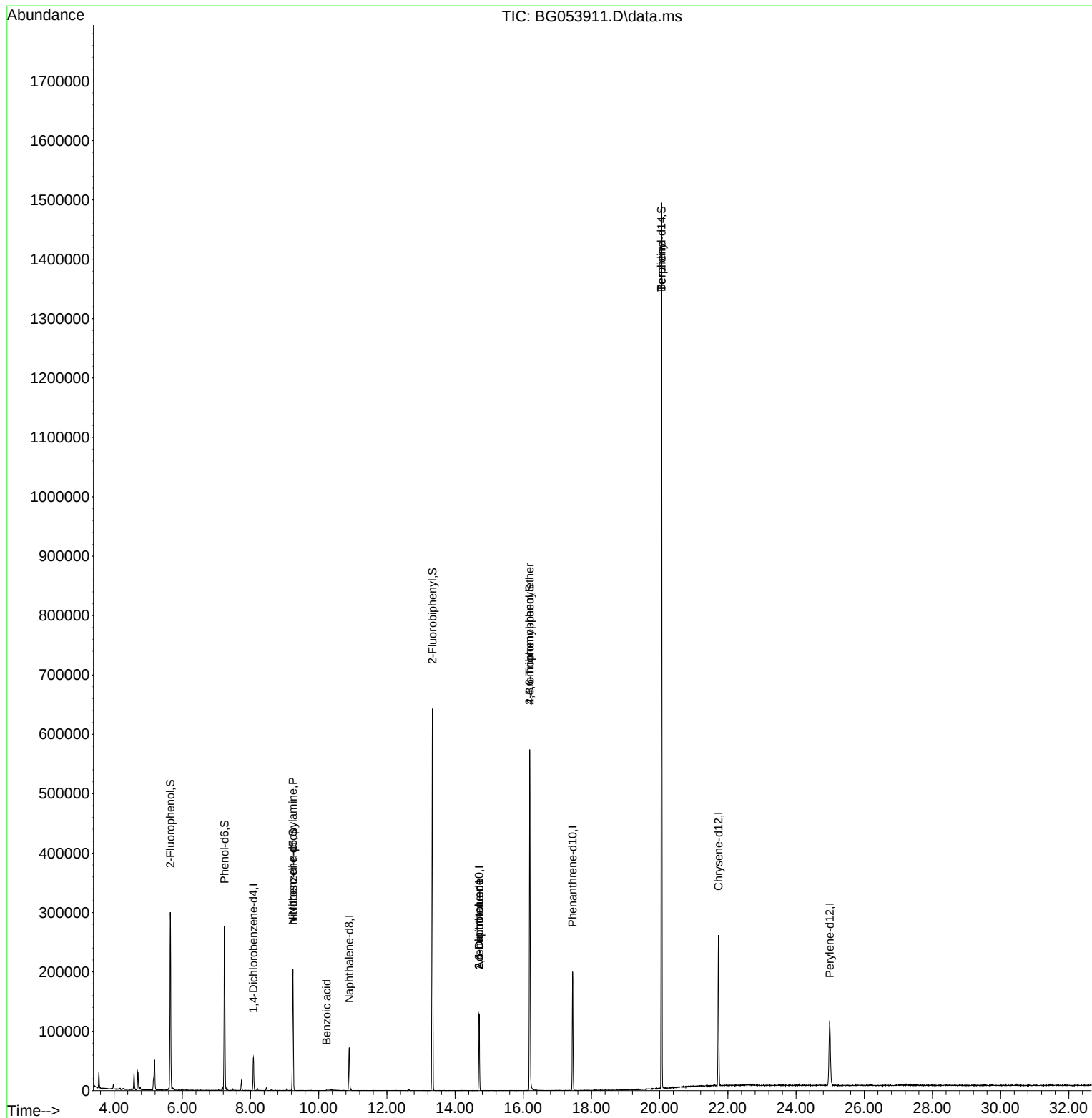
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	17942	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	67419	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	52123	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	145480	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	177601	20.000	ng	0.00
86) Perylene-d12	24.985	264	125116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	137021	146.010	ng	0.00
7) Phenol-d6	7.241	99	165620	130.097	ng	0.00
23) Nitrobenzene-d5	9.245	82	129199	107.692	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	150070	179.199	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	376499	105.036	ng	0.00
79) Terphenyl-d14	20.056	244	857926	97.293	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	17405	20.350	ng	# 79
32) Benzoic acid	10.232	122	1400	14.195	ng	# 67
51) 2,6-Dinitrotoluene	14.703	165	7160	8.927	ng	# 16
57) 2,4-Dinitrotoluene	14.703	165	7160	6.321	ng	# 21
67) 4-Bromophenyl-phenylether	16.190	248	9050	4.981	ng	# 1
77) Benzidine	20.056	184	10667	2.900	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
Data File : BG053911.D
Acq On : 14 Jun 2022 21:24
Operator : CG/JU
Sample : N3329-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

Quant Time: Jun 15 03:04:53 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

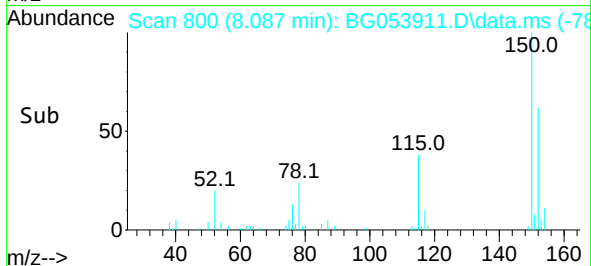
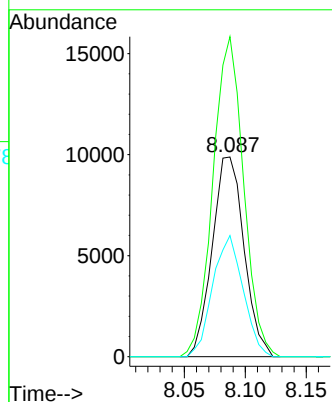
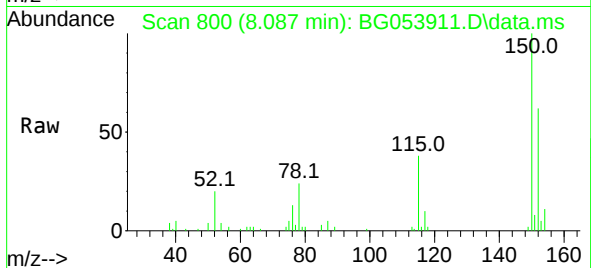




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

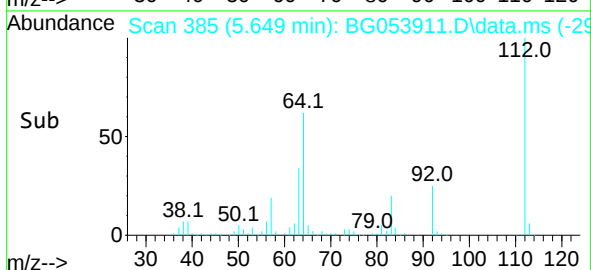
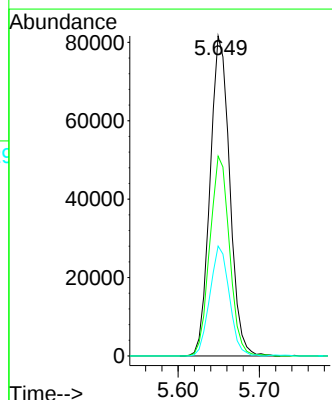
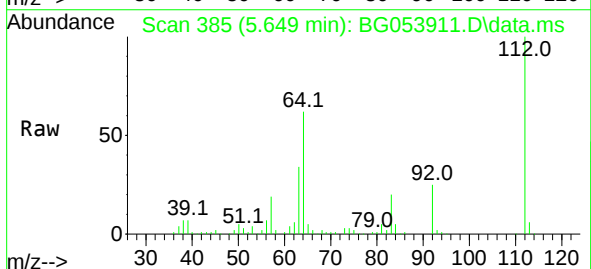
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

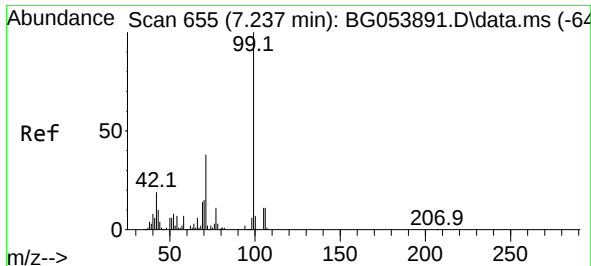
Tgt Ion:152 Resp: 17942
Ion Ratio Lower Upper
152 100
150 160.3 131.6 197.4
115 60.7 50.9 76.3



#5
2-Fluorophenol
Concen: 146.010 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion:112 Resp: 137021
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 34.3 30.4 45.6

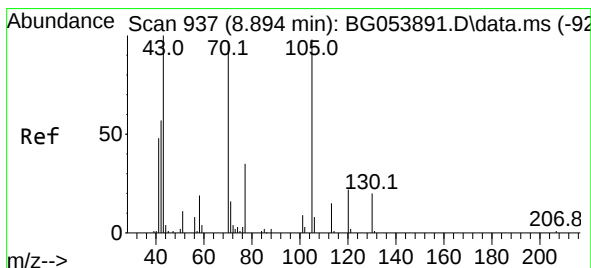
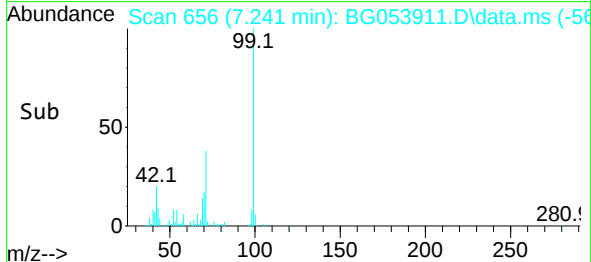
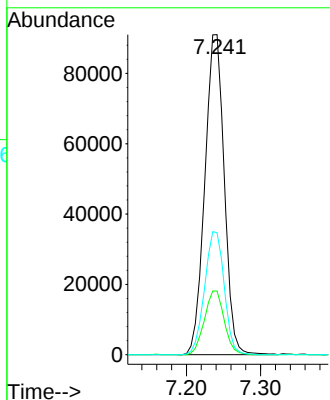
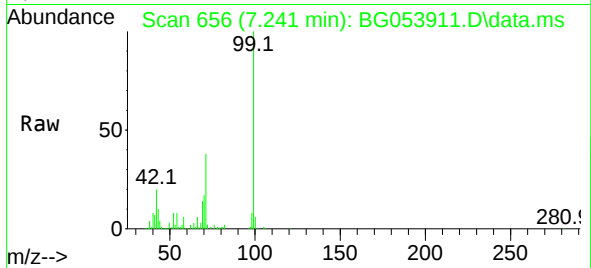




#7
Phenol-d6
Concen: 130.097 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

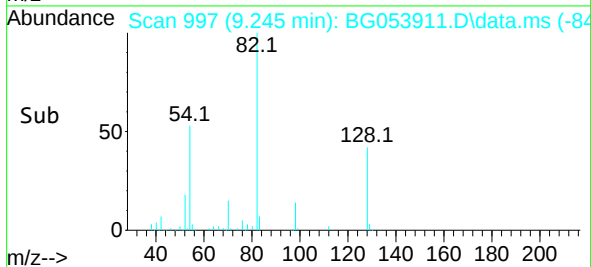
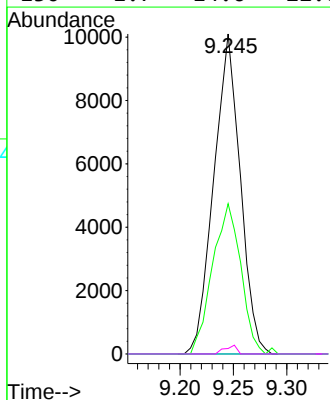
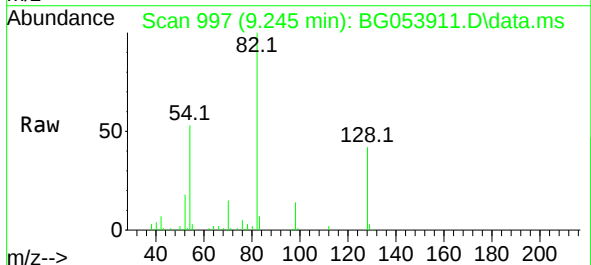
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

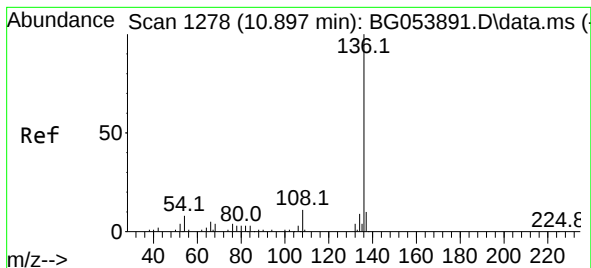
Tgt Ion: 99 Resp: 165620
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 38.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.350 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion: 70 Resp: 17405
Ion Ratio Lower Upper
70 100
42 47.0 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

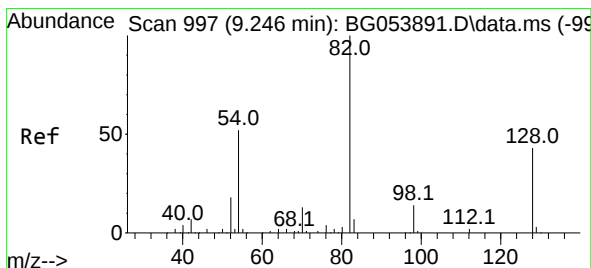
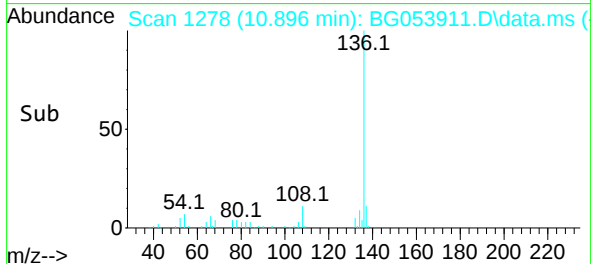
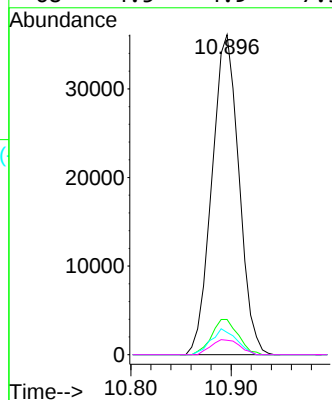
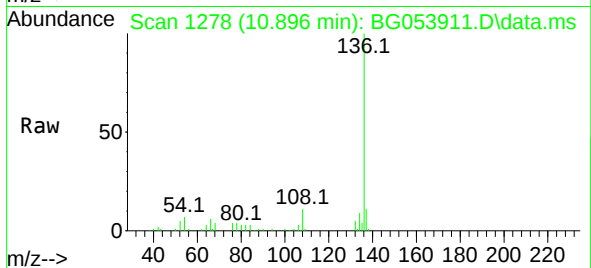




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

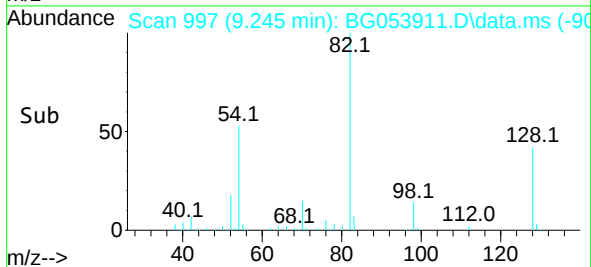
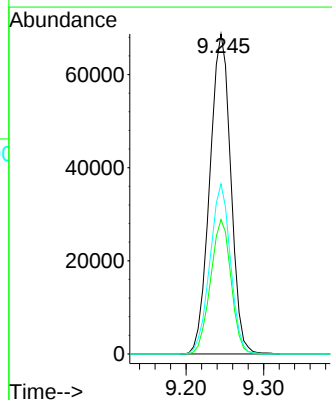
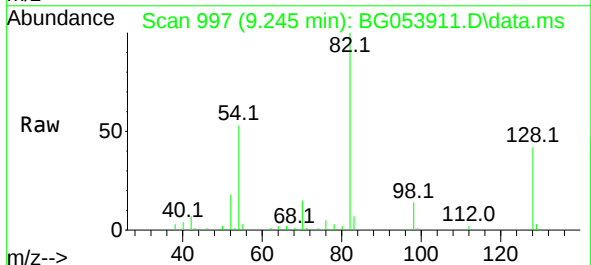
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

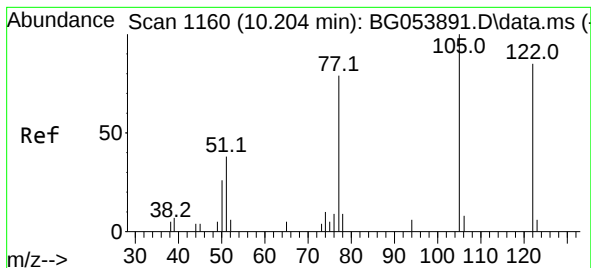
Tgt Ion:136 Resp: 67419
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.9 7.4 11.2#
68 4.5 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 107.692 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.001 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion: 82 Resp: 129199
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9#
54 53.2 41.2 61.8





#32

Benzoic acid

Concen: 14.195 ng

RT: 10.232 min Scan# 1165

Delta R.T. 0.028 min

Lab File: BG053911.D

Acq: 14 Jun 2022 21:24

Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-2

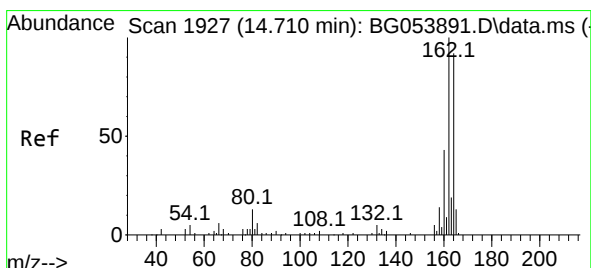
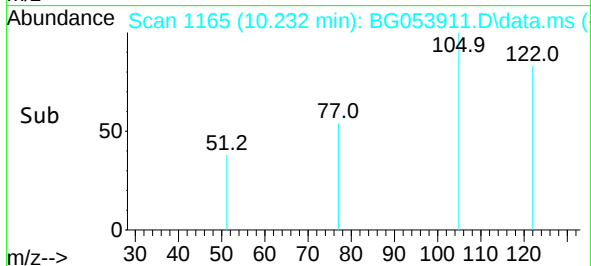
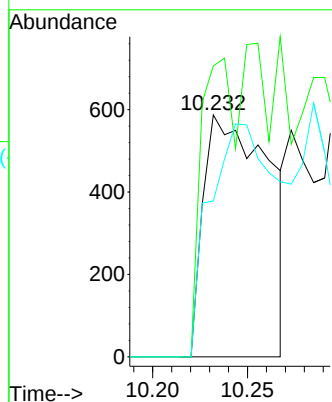
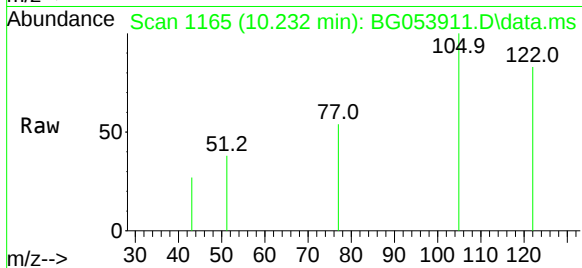
Tgt Ion:122 Resp: 1400

Ion Ratio Lower Upper

122 100

105 120.3 111.8 151.8

77 64.4 109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.703 min Scan# 1926

Delta R.T. -0.007 min

Lab File: BG053911.D

Acq: 14 Jun 2022 21:24

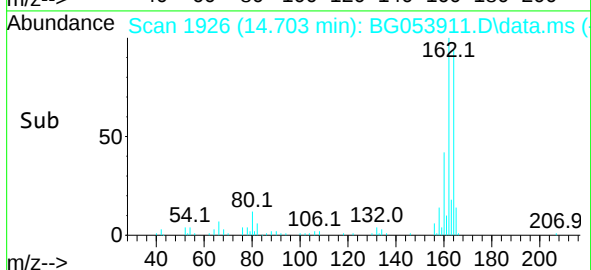
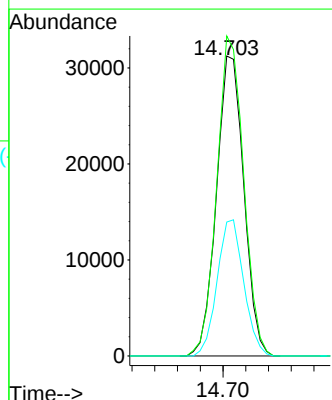
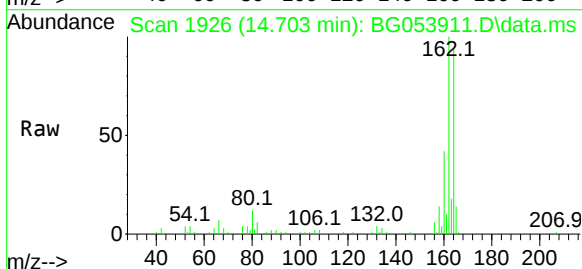
Tgt Ion:164 Resp: 52123

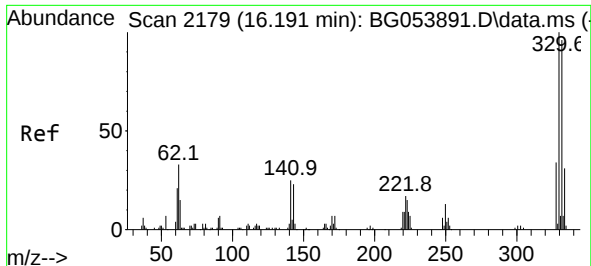
Ion Ratio Lower Upper

164 100

162 106.7 82.3 123.5

160 44.7 34.2 51.2

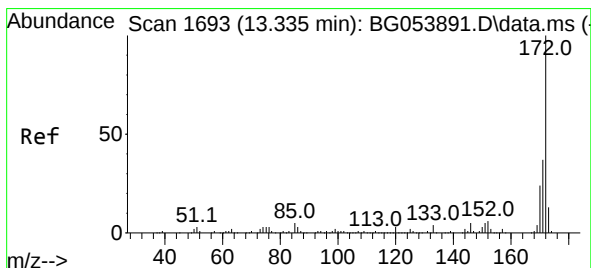
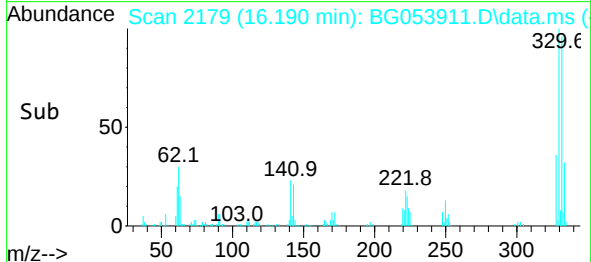
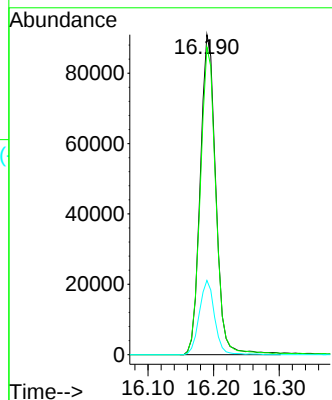
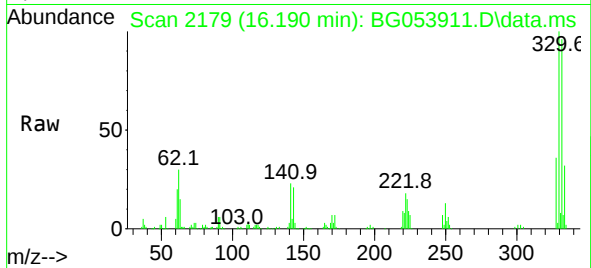




#42
2,4,6-Tribromophenol
Concen: 179.199 ng
RT: 16.190 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

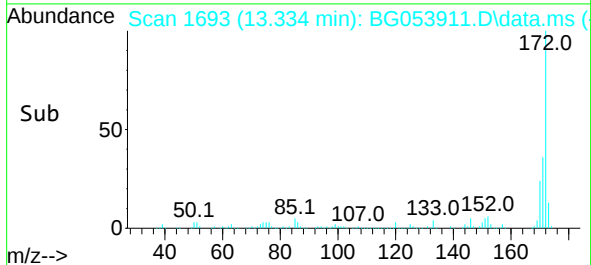
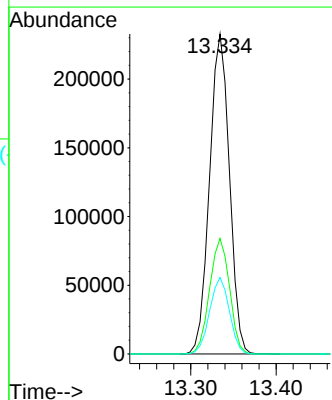
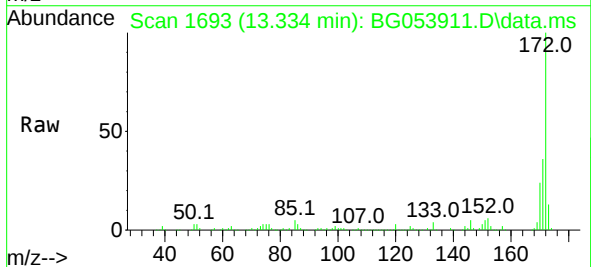
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

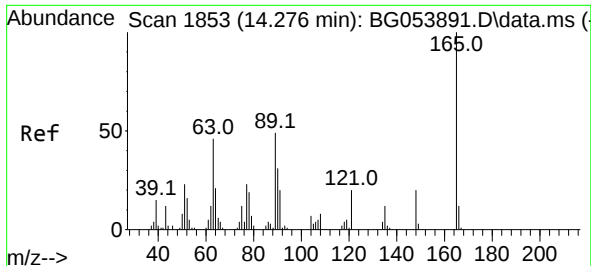
Tgt Ion:330 Resp: 150070
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 22.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 105.036 ng
RT: 13.334 min Scan# 1693
Delta R.T. -0.001 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion:172 Resp: 376499
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.9 18.9 28.3

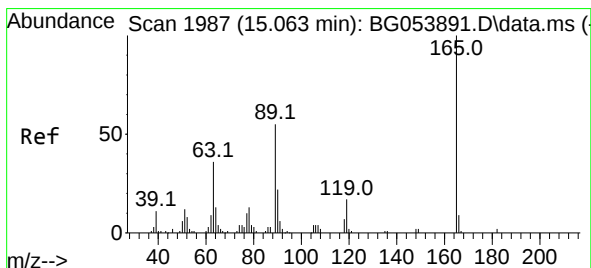
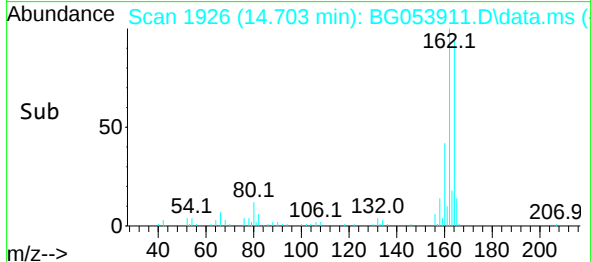
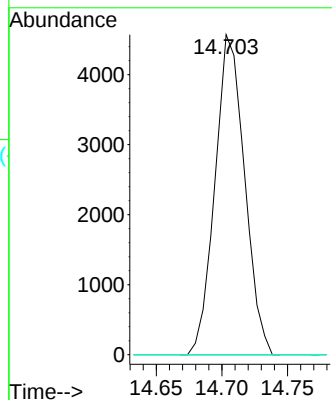
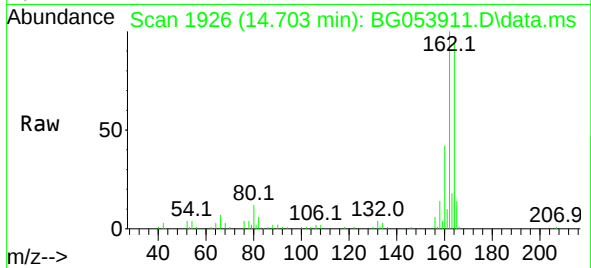




#51
2,6-Dinitrotoluene
Concen: 8.927 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.428 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

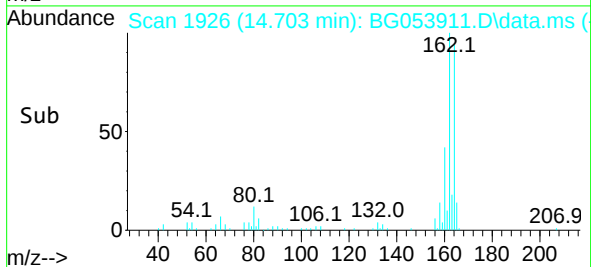
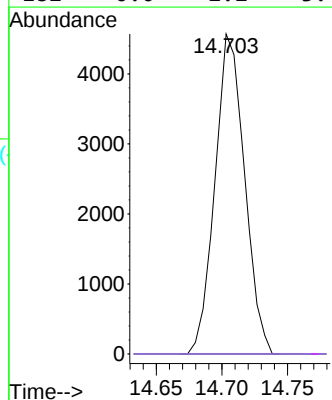
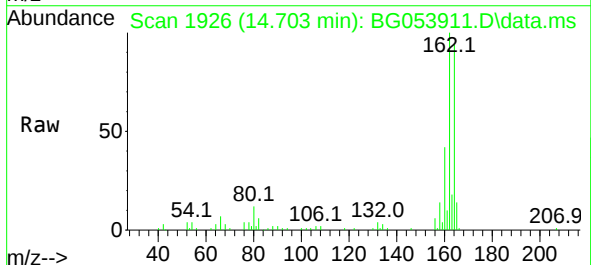
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

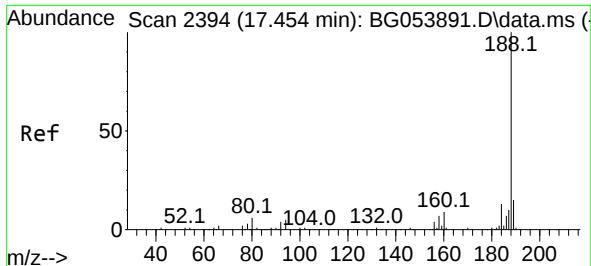
Tgt Ion:165 Resp: 7160
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 14.703 min Scan# 1926
Delta R.T. -0.360 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion:165 Resp: 7160
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#

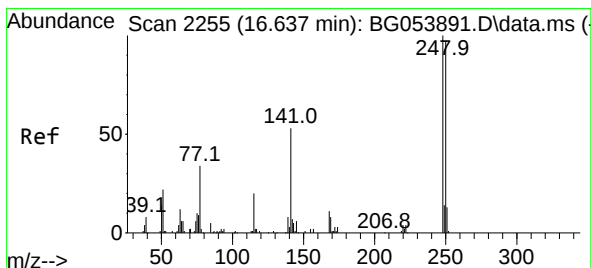
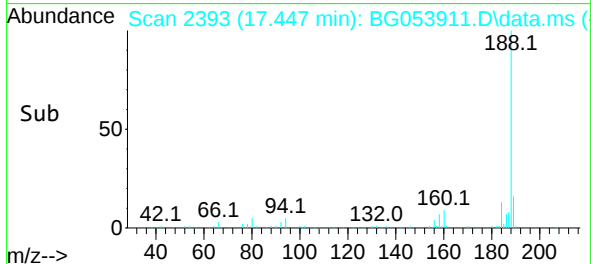
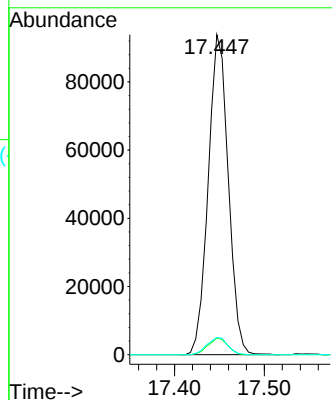
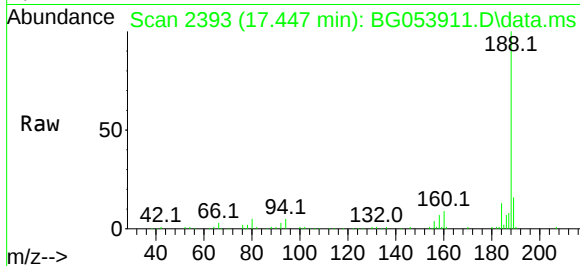




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.447 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

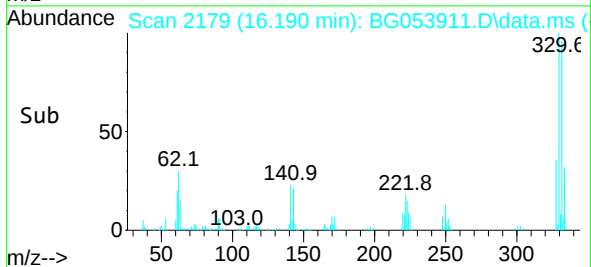
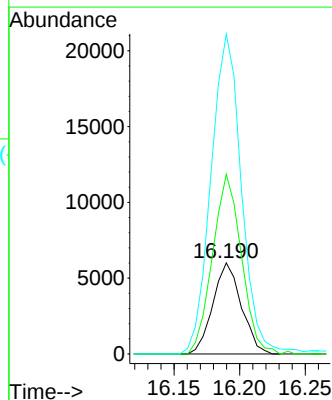
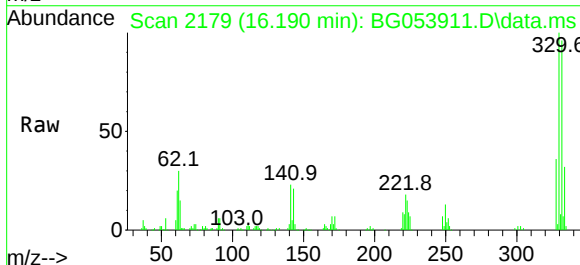
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

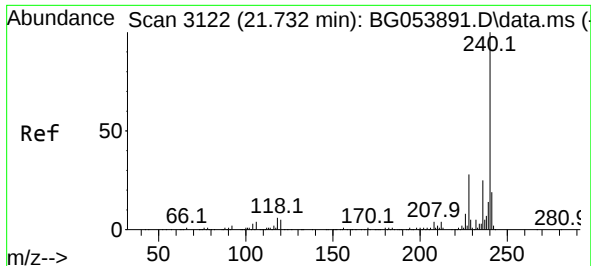
Tgt Ion:188 Resp: 145480
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.981 ng
RT: 16.190 min Scan# 2179
Delta R.T. -0.448 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion:248 Resp: 9050
Ion Ratio Lower Upper
248 100
250 250.8 75.2 112.8#
141 351.5 50.0 75.0#

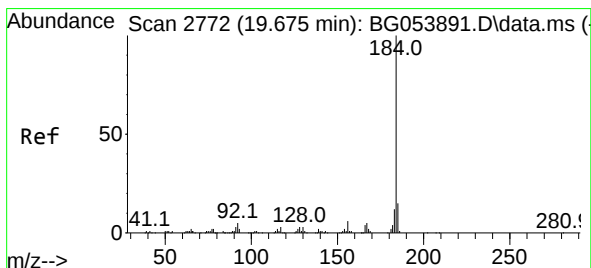
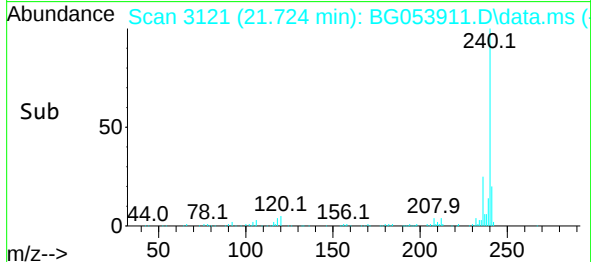
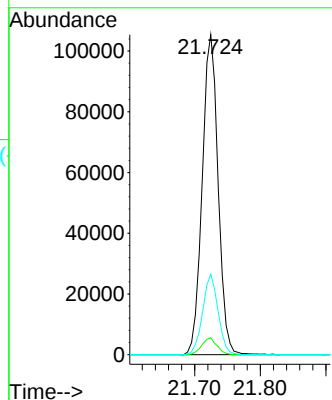
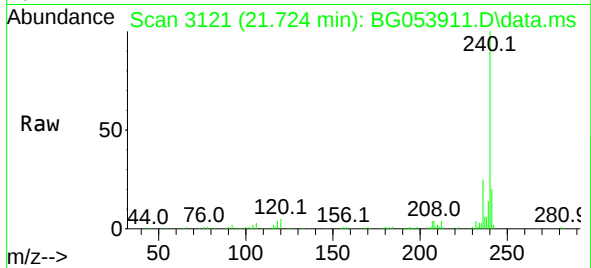




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

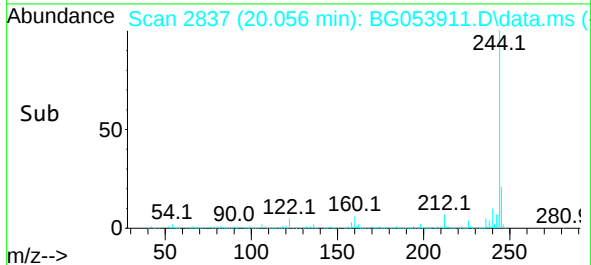
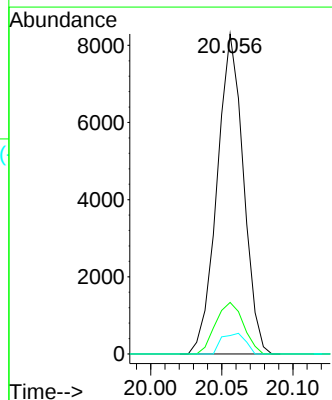
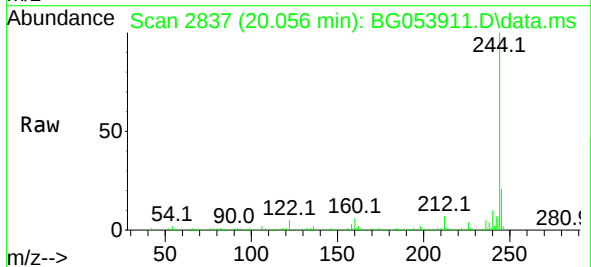
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-2

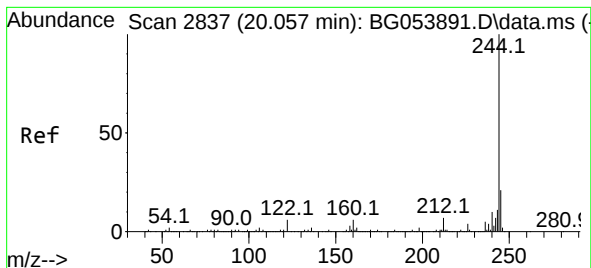
Tgt Ion:240 Resp: 177601
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 25.2 20.2 30.4



#77
Benzidine
Concen: 2.900 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.381 min
Lab File: BG053911.D
Acq: 14 Jun 2022 21:24

Tgt Ion:184 Resp: 10667
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 5.8 8.9 13.3#





#79

Terphenyl-d14

Concen: 97.293 ng

RT: 20.056 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053911.D

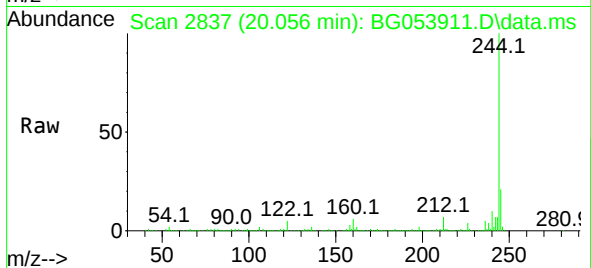
Acq: 14 Jun 2022 21:24

Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-2



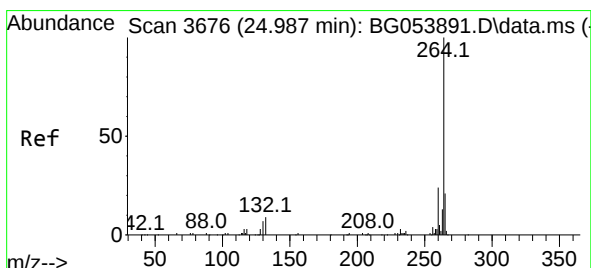
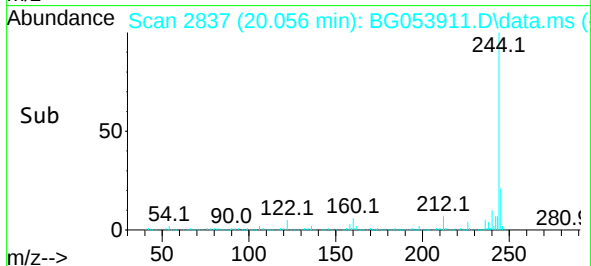
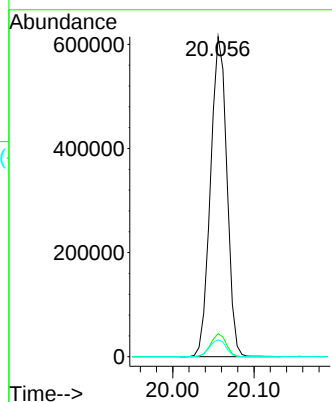
Tgt Ion:244 Resp: 857926

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 5.2 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.985 min Scan# 3676

Delta R.T. -0.001 min

Lab File: BG053911.D

Acq: 14 Jun 2022 21:24

Tgt Ion:264 Resp: 125116

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 21.4 17.4 26.2

