

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053910.D
 Acq On : 14 Jun 2022 20:45
 Operator : CG/JU
 Sample : N3329-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-1

Quant Time: Jun 15 03:04:29 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)

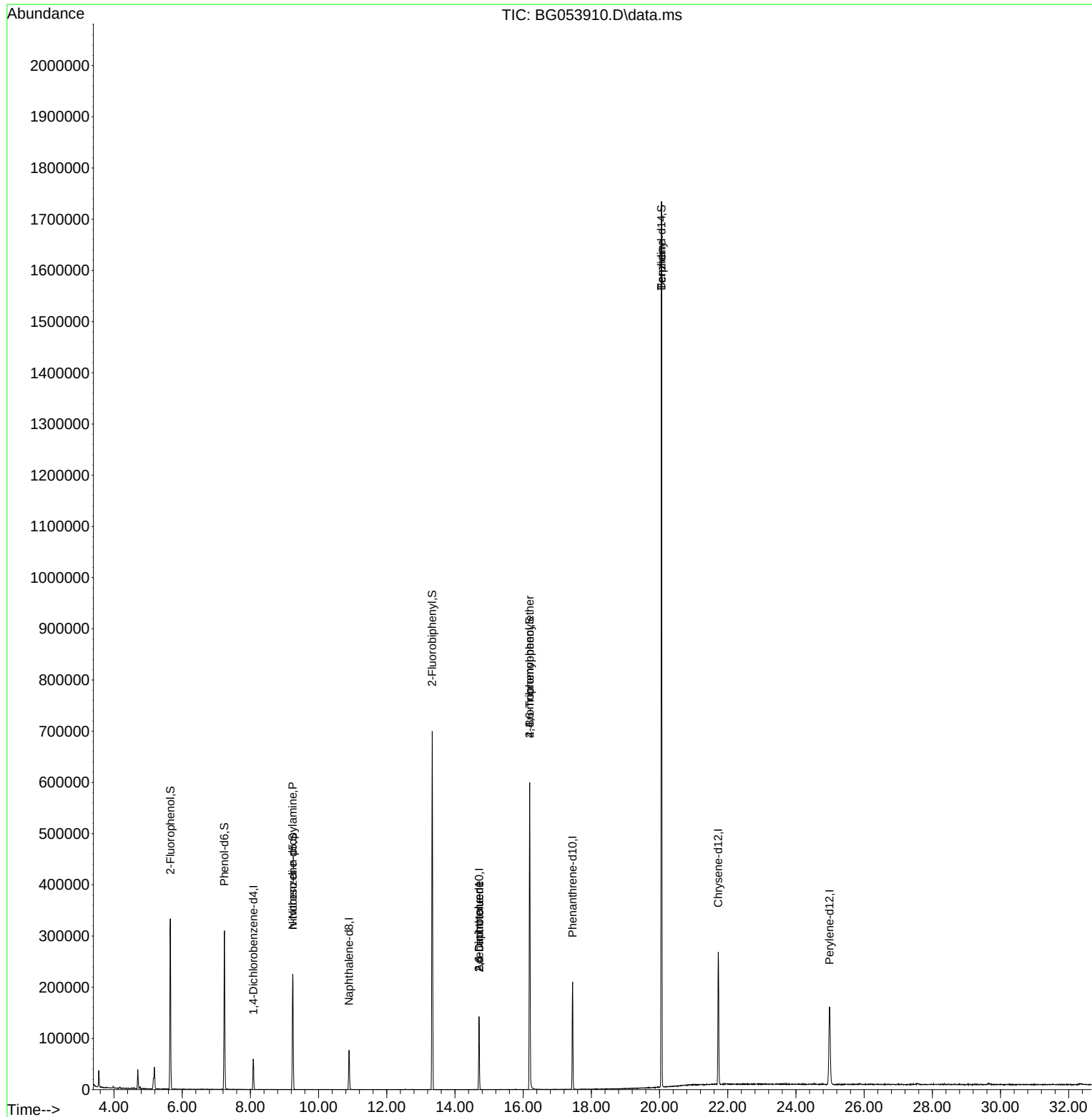
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	18720	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	71012	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	55235	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	151500	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	191598	20.000	ng	0.00
86) Perylene-d12	24.983	264	194942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	150696	153.909	ng	0.00
7) Phenol-d6	7.239	99	181053	136.309	ng	0.00
23) Nitrobenzene-d5	9.243	82	142219	112.547	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	161271	181.724	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	412915	108.705	ng	0.00
79) Terphenyl-d14	20.060	244	1017544	106.964	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.243	70	18958	21.245	ng	# 78
51) 2,6-Dinitrotoluene	14.707	165	7736	9.102	ng	# 16
57) 2,4-Dinitrotoluene	14.707	165	7736	6.445	ng	# 21
67) 4-Bromophenyl-phenylether	16.194	248	9923	5.244	ng	# 1
77) Benzidine	20.060	184	13071	3.294	ng	# 94

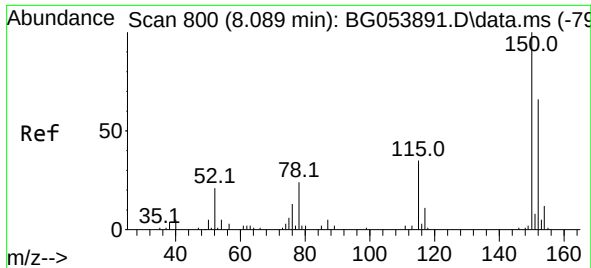
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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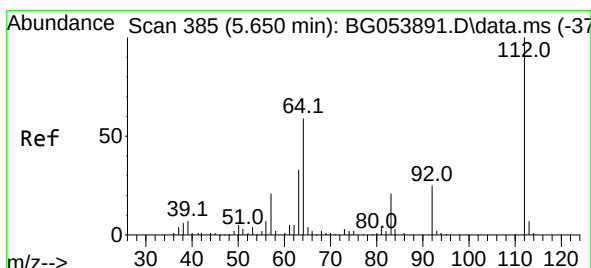
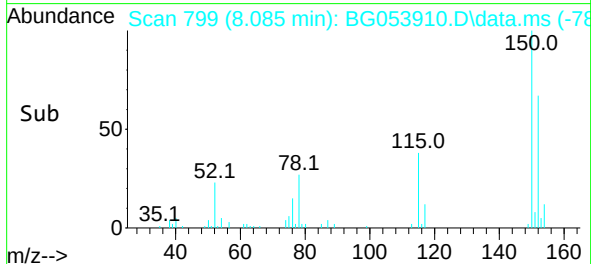
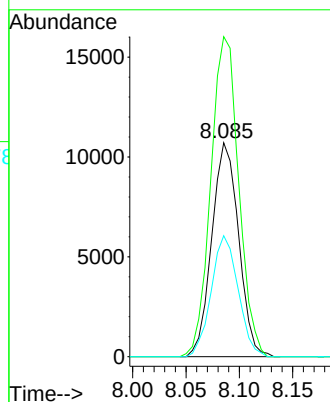
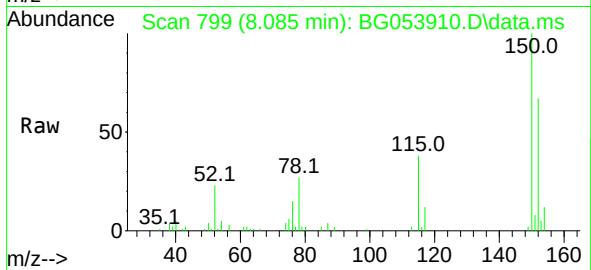




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.085 min Scan# 79
 Delta R.T. -0.004 min
 Lab File: BG053910.D
 Acq: 14 Jun 2022 20:45

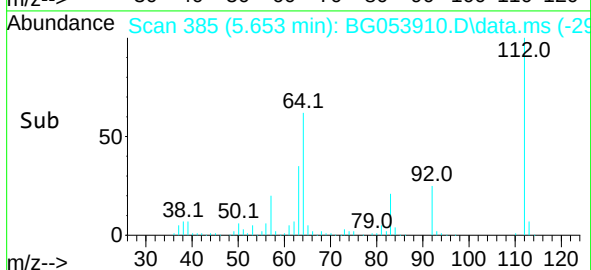
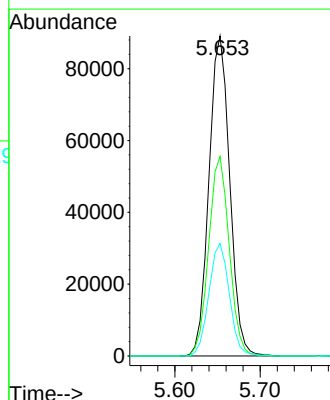
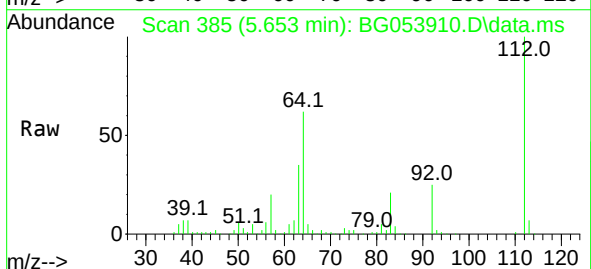
Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-1

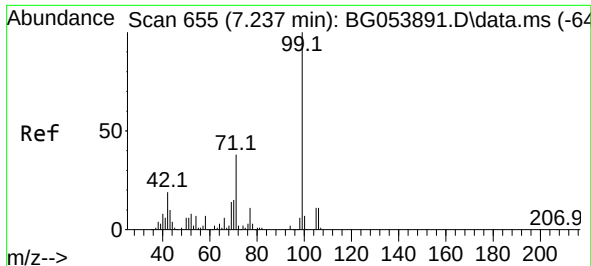
Tgt Ion:152 Resp: 18720
 Ion Ratio Lower Upper
 152 100
 150 149.6 131.6 197.4
 115 56.5 50.9 76.3



#5
 2-Fluorophenol
 Concen: 153.909 ng
 RT: 5.653 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: BG053910.D
 Acq: 14 Jun 2022 20:45

Tgt Ion:112 Resp: 150696
 Ion Ratio Lower Upper
 112 100
 64 62.3 55.1 82.7
 63 35.2 30.4 45.6

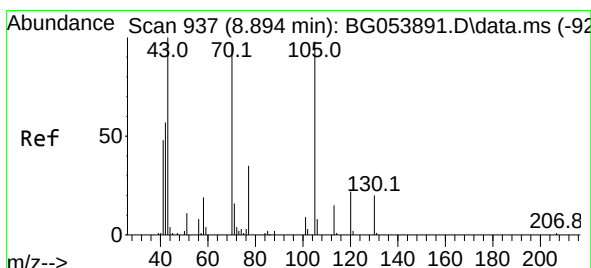
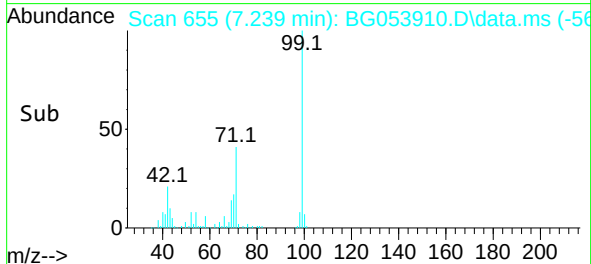
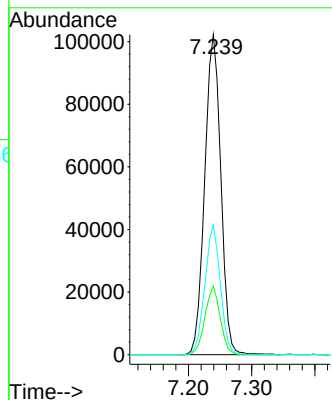
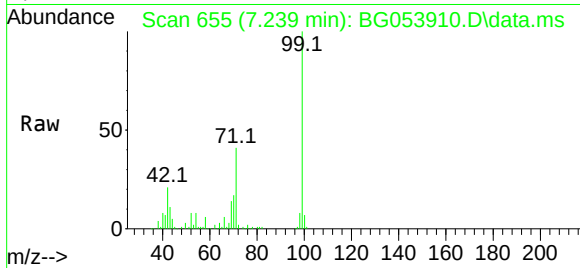




#7
Phenol-d6
Concen: 136.309 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

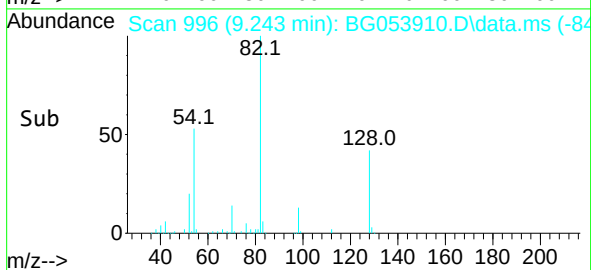
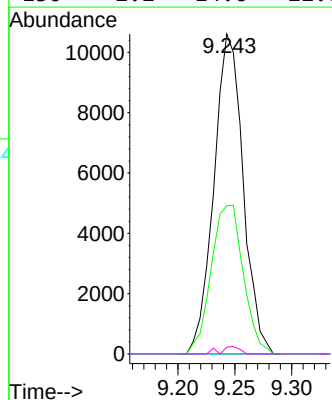
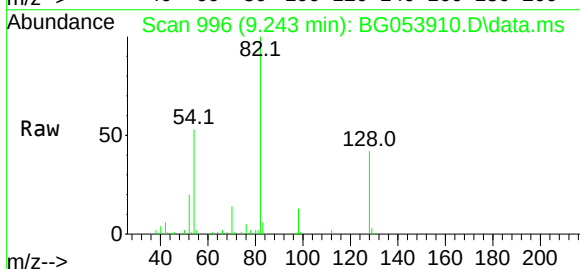
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

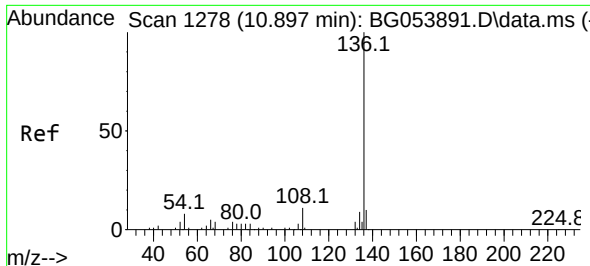
Tgt Ion: 99 Resp: 181053
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 40.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.245 ng
RT: 9.243 min Scan# 996
Delta R.T. 0.349 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion: 70 Resp: 18958
Ion Ratio Lower Upper
70 100
42 46.4 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

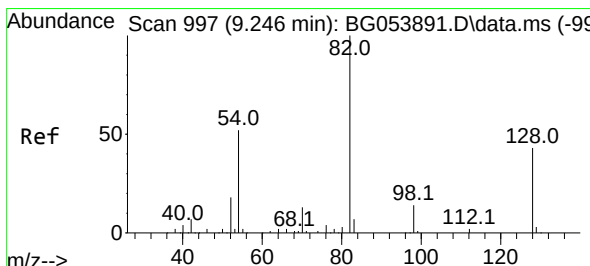
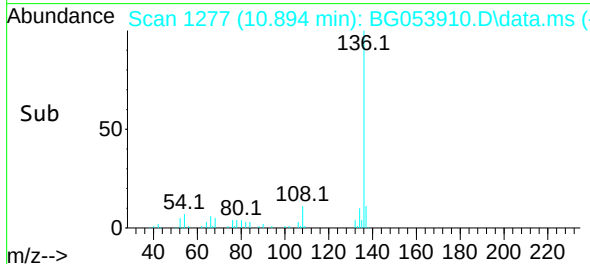
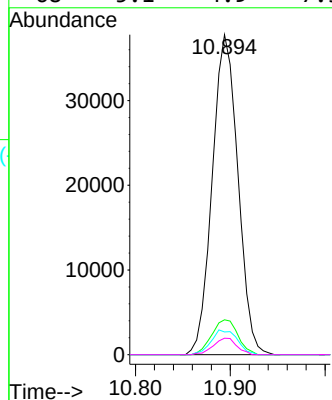
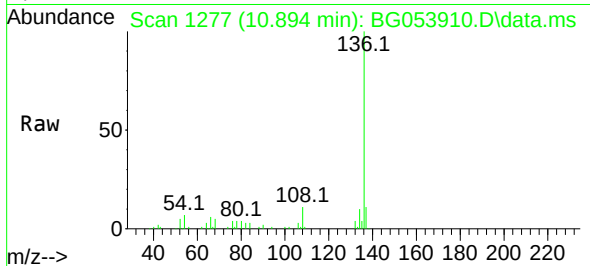




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

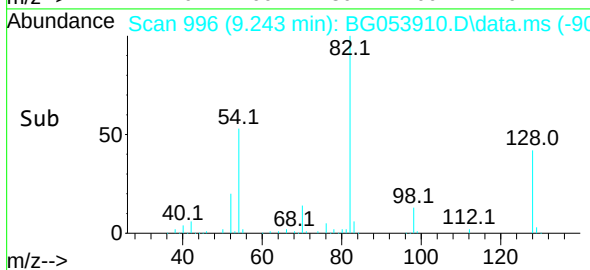
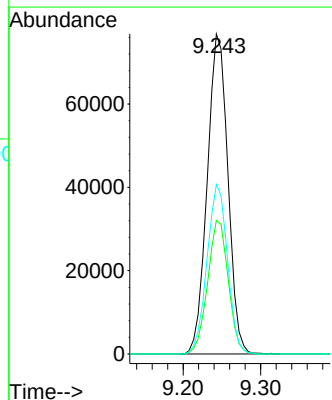
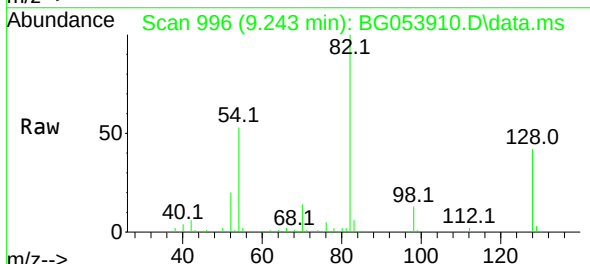
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

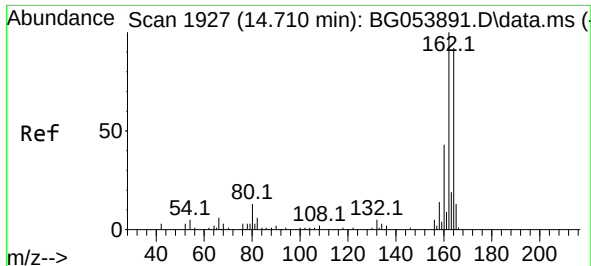
Tgt Ion:	136	Resp:	71012
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	7.4	11.2#
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 112.547 ng
RT: 9.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion:	82	Resp:	142219
Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	52.9	41.2	61.8

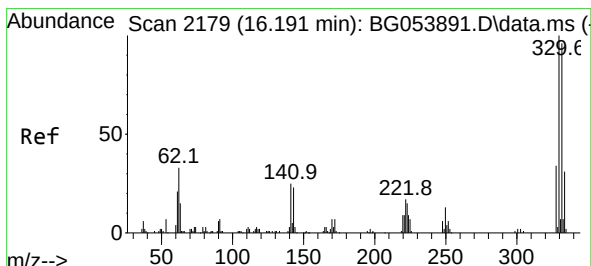
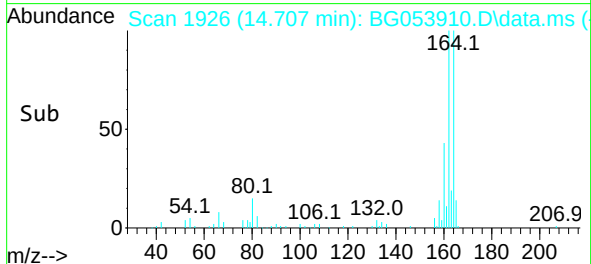
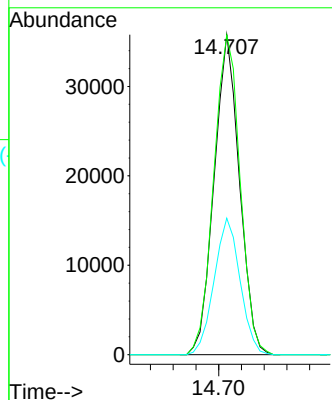
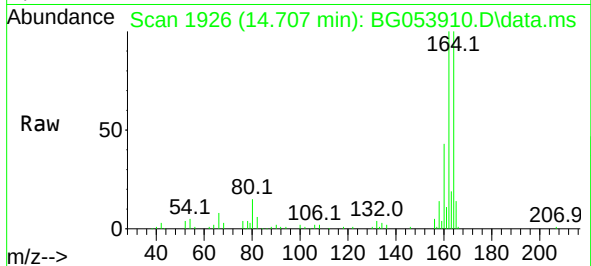




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

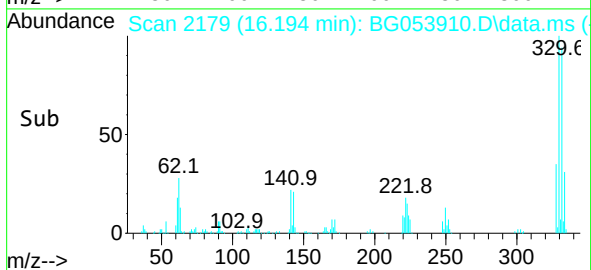
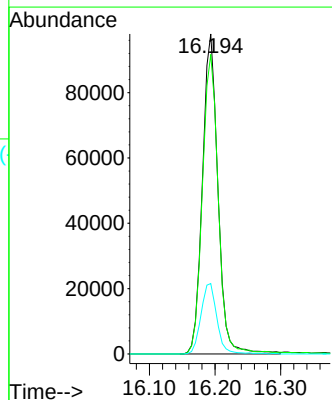
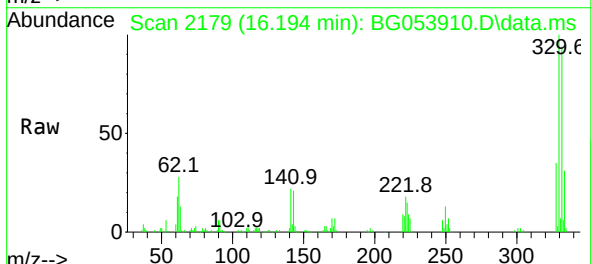
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

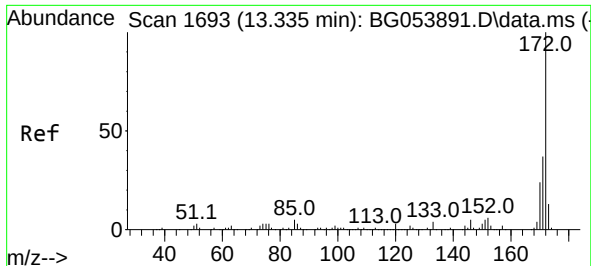
Tgt Ion:164 Resp: 55235
Ion Ratio Lower Upper
164 100
162 99.8 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 181.724 ng
RT: 16.194 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion:330 Resp: 161271
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 22.7 27.1 40.7#

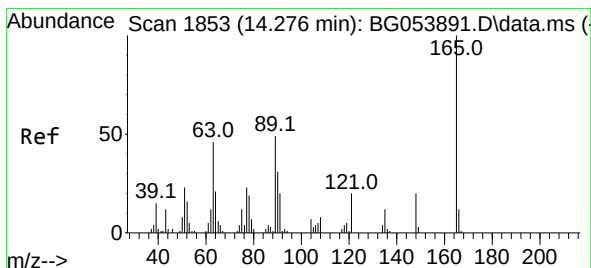
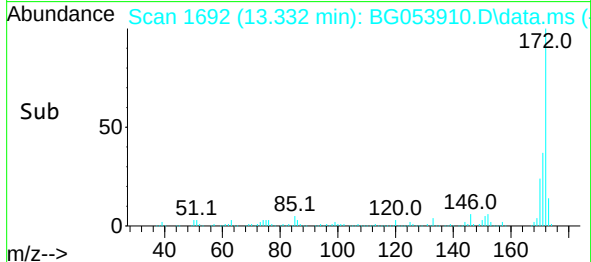
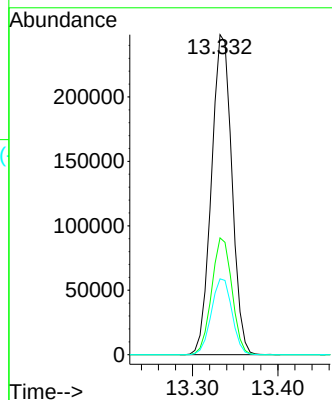
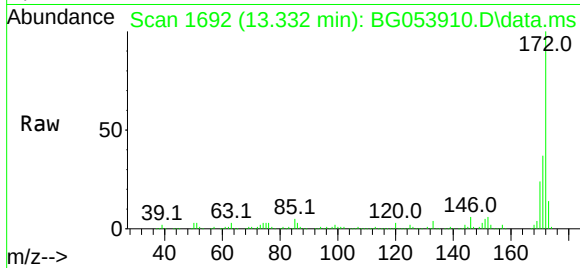




#45
2-Fluorobiphenyl
Concen: 108.705 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

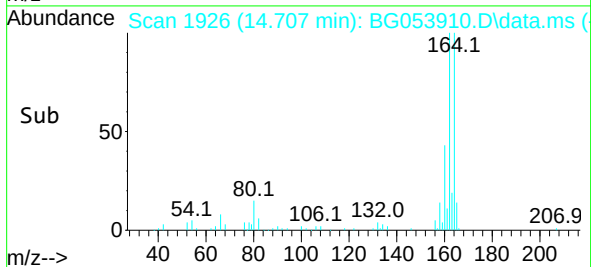
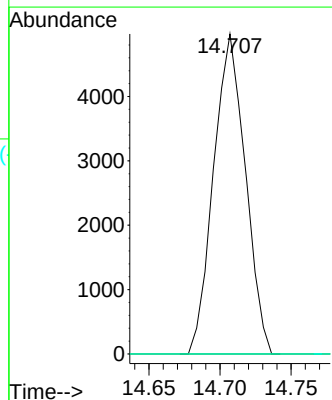
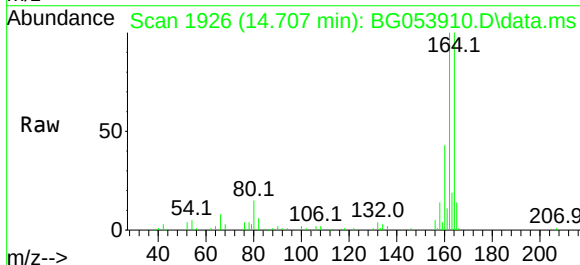
Instrument :
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ClientSampleId :
PALMYRA-RT-73-COMP-1

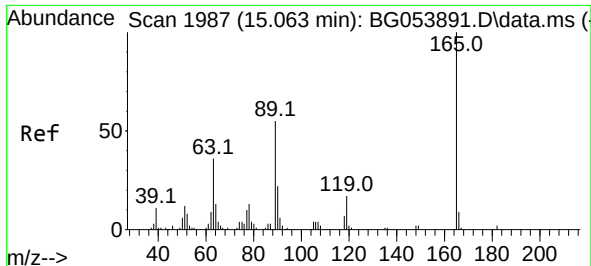
Tgt Ion:172 Resp: 412915
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.102 ng
RT: 14.707 min Scan# 1926
Delta R.T. 0.431 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion:165 Resp: 7736
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: 6.445 ng

RT: 14.707 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG053910.D

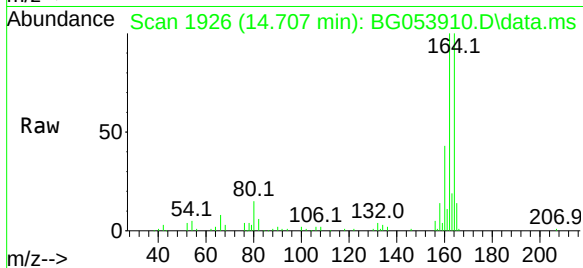
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Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-1



Tgt Ion:165 Resp: 7736

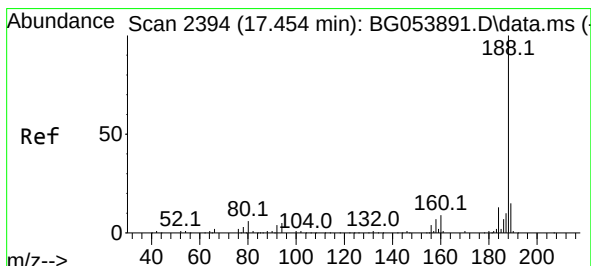
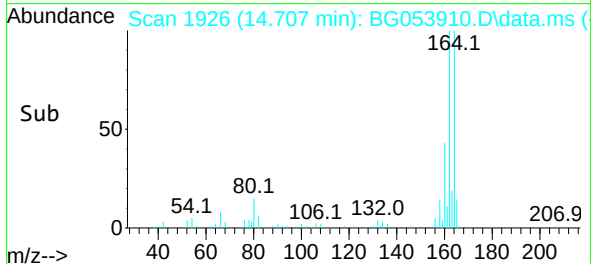
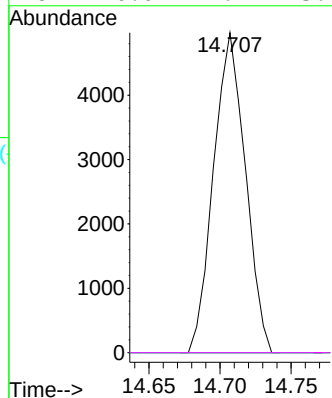
Ion Ratio Lower Upper

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. -0.003 min

Lab File: BG053910.D

Acq: 14 Jun 2022 20:45

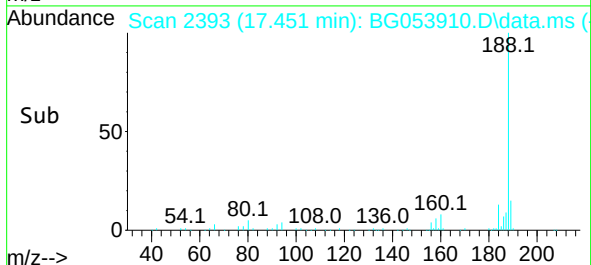
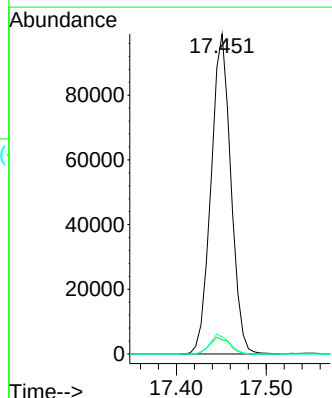
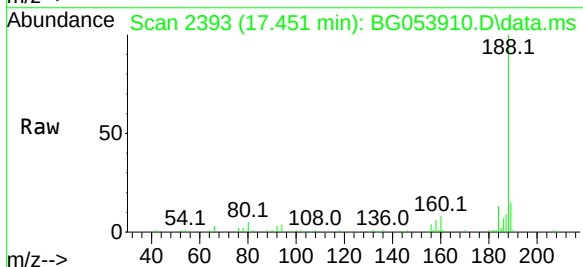
Tgt Ion:188 Resp: 151500

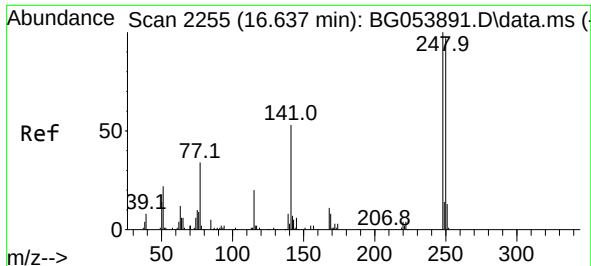
Ion Ratio Lower Upper

188 100

94 4.4 5.4 8.0#

80 5.4 6.8 10.2#

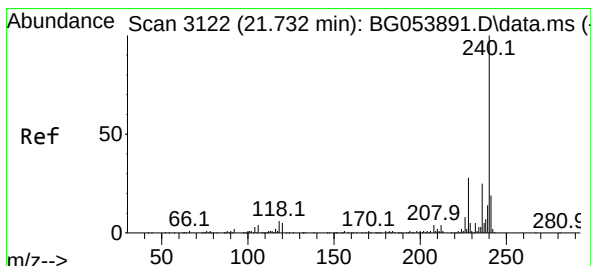
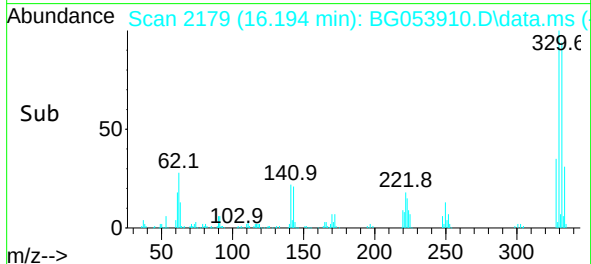
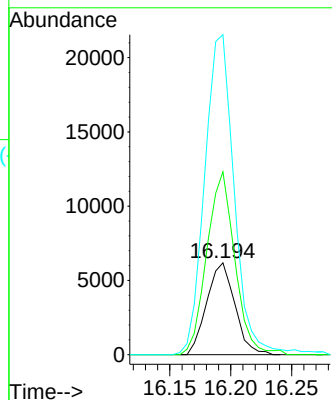
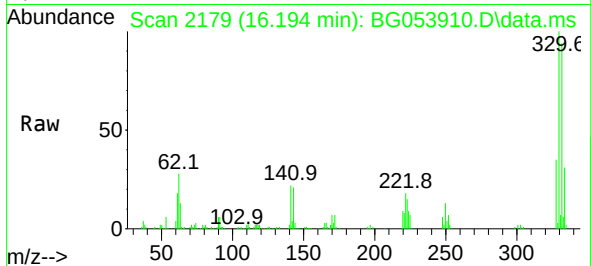




#67
4-Bromophenyl-phenylether
Concen: 5.244 ng
RT: 16.194 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

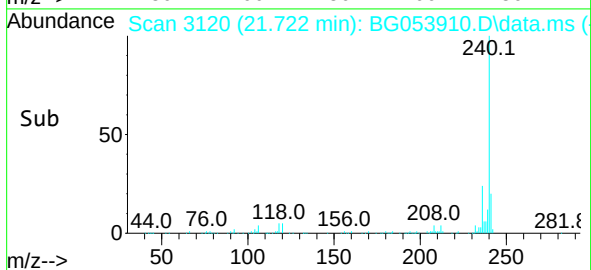
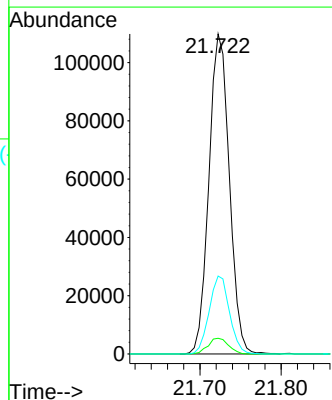
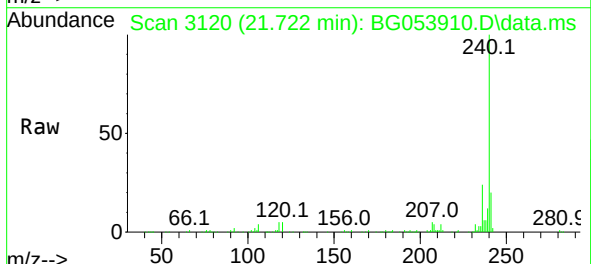
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

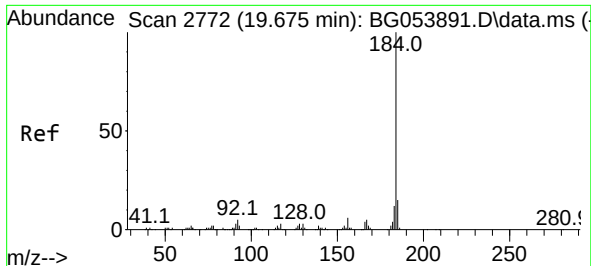
Tgt Ion:248 Resp: 9923
Ion Ratio Lower Upper
248 100
250 149.6 75.2 112.8#
141 261.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion:240 Resp: 191598
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.3 20.2 30.4

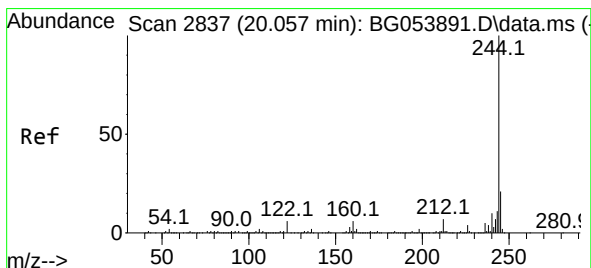
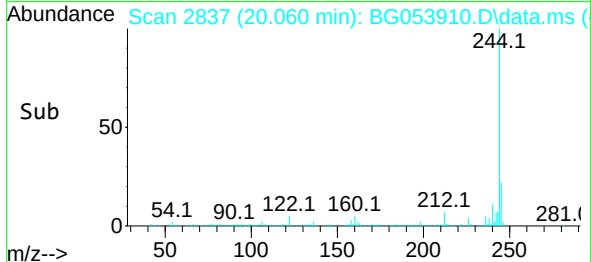
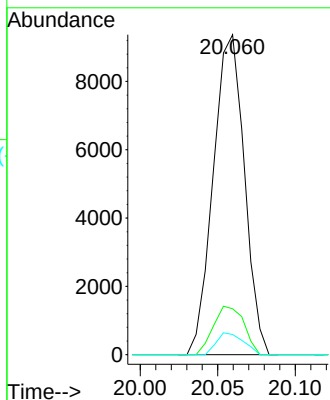
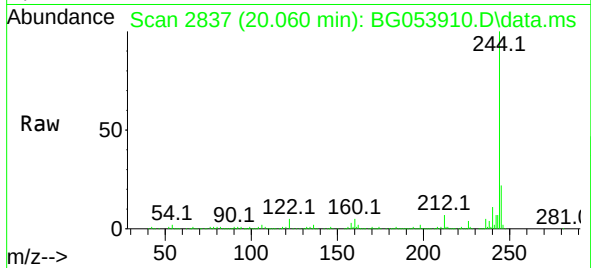




#77
Benzidine
Concen: 3.294 ng
RT: 20.060 min Scan# 2837
Delta R.T. 0.384 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

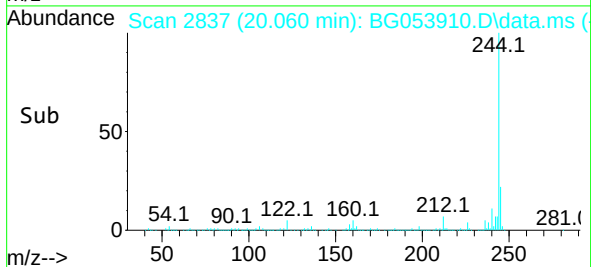
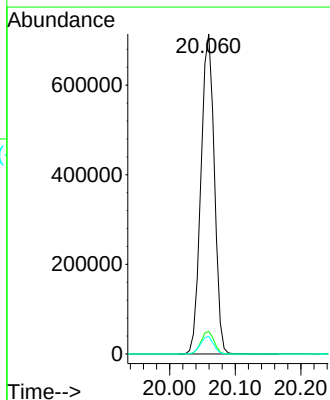
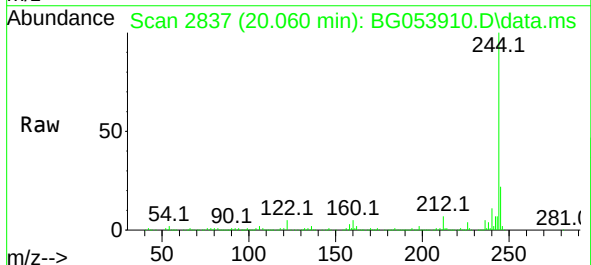
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

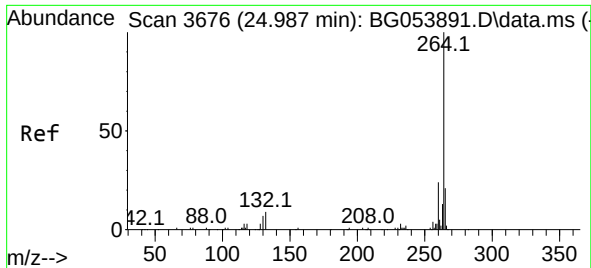
Tgt Ion:184 Resp: 13071
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 6.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 106.964 ng
RT: 20.060 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Tgt Ion:244 Resp: 1017544
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 5.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG053910.D
Acq: 14 Jun 2022 20:45

Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-1

Tgt Ion:264 Resp: 194942

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.5	17.4	26.2

