

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053927.D
 Acq On : 15 Jun 2022 20:33
 Operator : CG/JU
 Sample : N3354-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB061422

Quant Time: Jun 16 01:26:39 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)

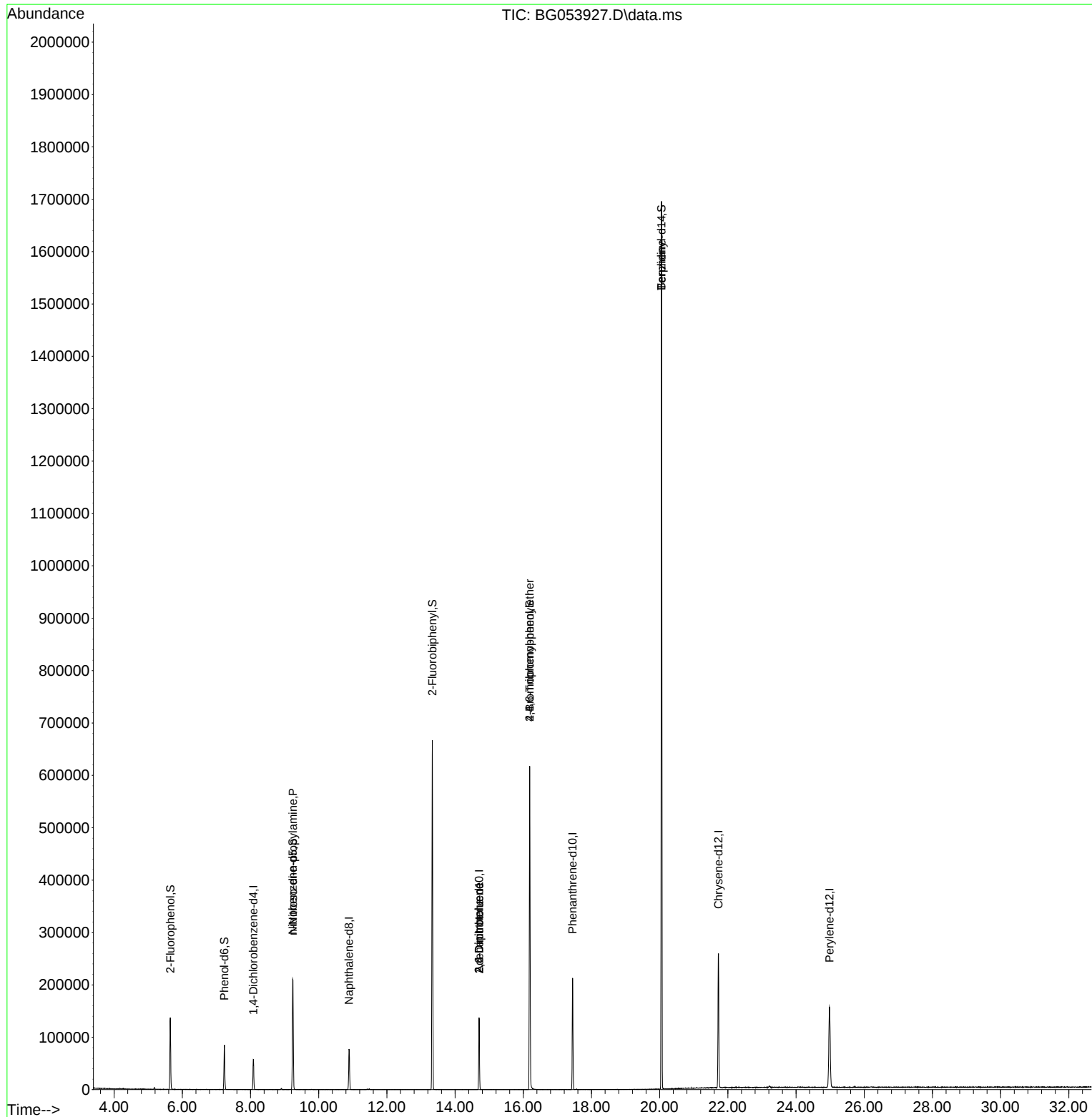
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	18640	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	73159	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	55754	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	154248	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	190107	20.000	ng	0.00
86) Perylene-d12	24.979	264	199429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	63094	64.716	ng	0.00
7) Phenol-d6	7.235	99	49828	37.675	ng	0.00
23) Nitrobenzene-d5	9.239	82	135930	104.413	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	159909	178.512	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	392802	102.448	ng	0.00
79) Terphenyl-d14	20.056	244	982997	104.143	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	19030	21.417	ng	# 78
51) 2,6-Dinitrotoluene	14.703	165	7770	9.057	ng	# 16
57) 2,4-Dinitrotoluene	14.703	165	7770	6.413	ng	# 21
67) 4-Bromophenyl-phenylether	16.190	248	9473	4.917	ng	# 1
77) Benzidine	20.056	184	12724	3.232	ng	# 91

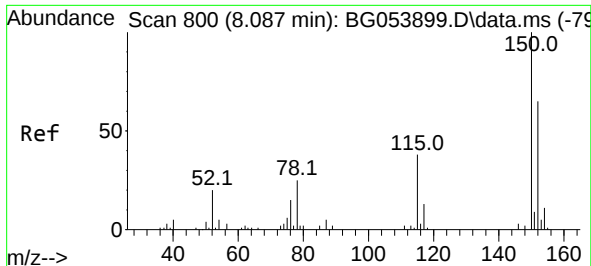
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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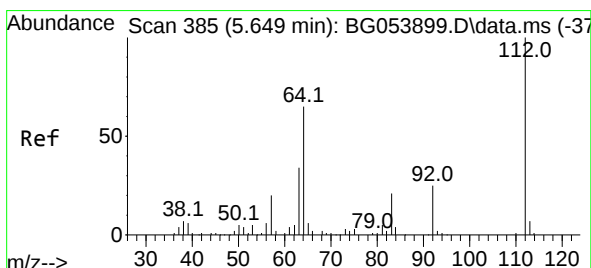
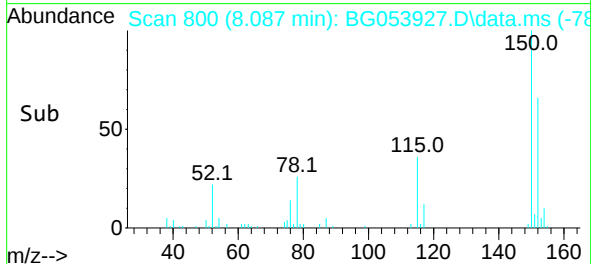
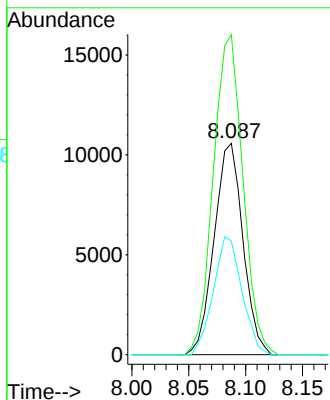
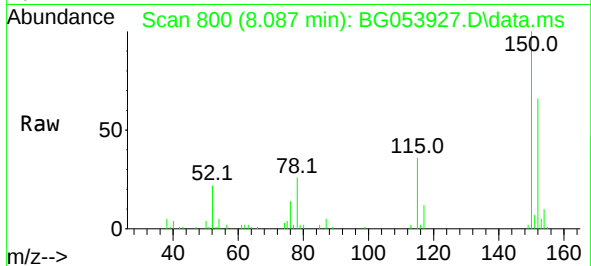




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

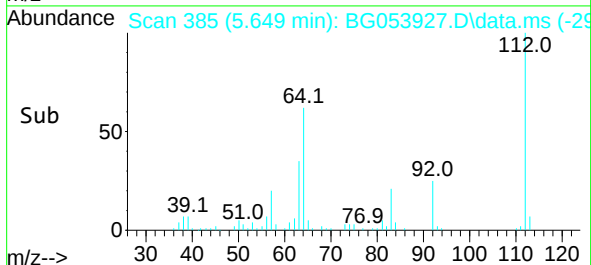
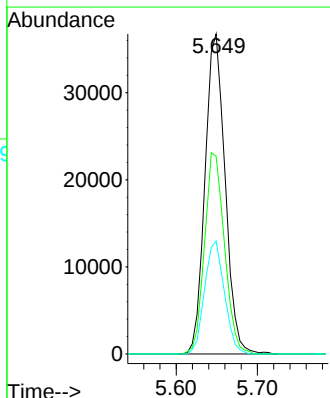
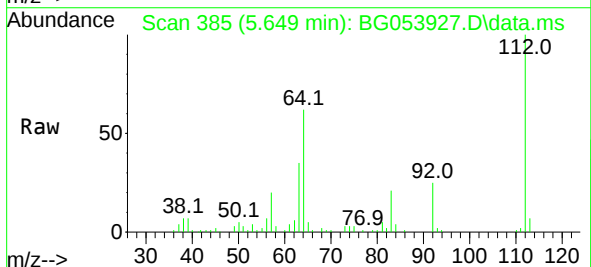
Instrument :
BNA_G
ClientSampleId :
FB061422

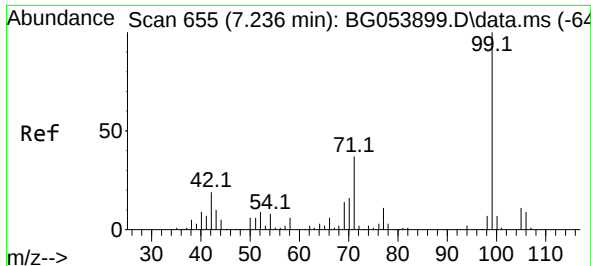
Tgt Ion:152 Resp: 18640
Ion Ratio Lower Upper
152 100
150 151.3 131.6 197.4
115 53.8 50.9 76.3



#5
2-Fluorophenol
Concen: 64.716 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion:112 Resp: 63094
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 35.3 30.4 45.6

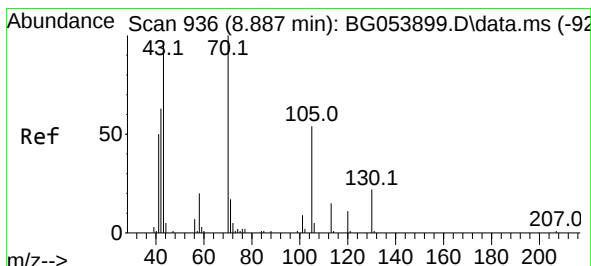
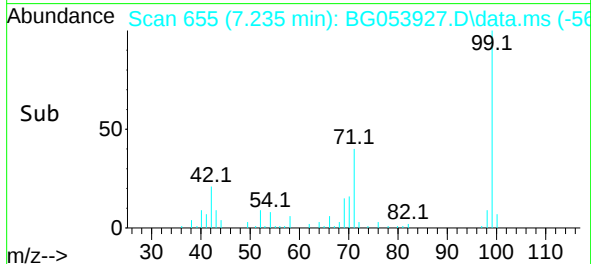
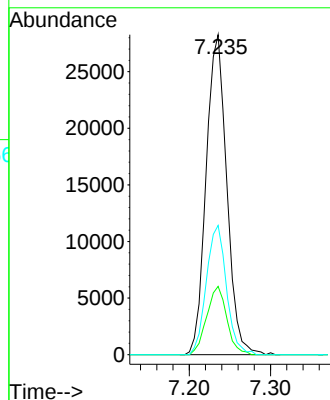
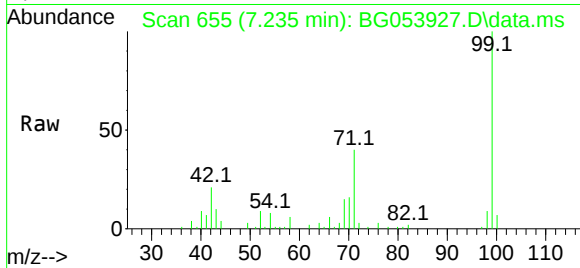




#7
Phenol-d6
Concen: 37.675 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

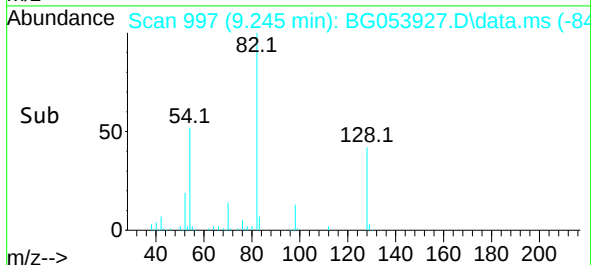
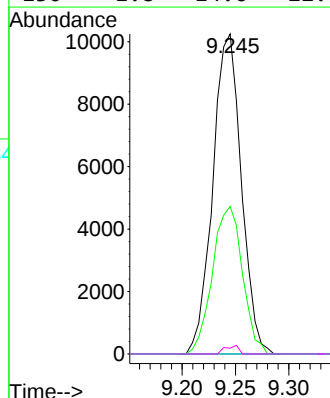
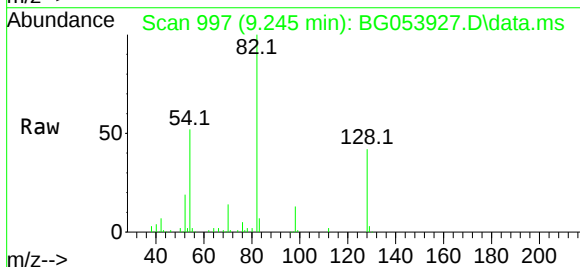
Instrument :
BNA_G
ClientSampleId :
FB061422

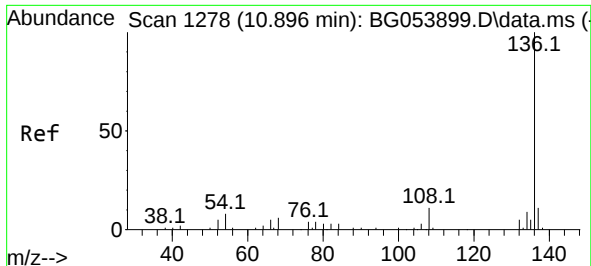
Tgt Ion: 99 Resp: 49828
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 40.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.417 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion: 70 Resp: 19030
Ion Ratio Lower Upper
70 100
42 46.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

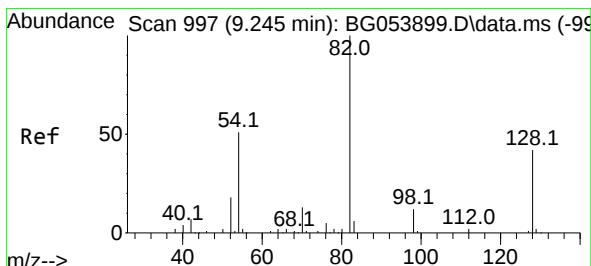
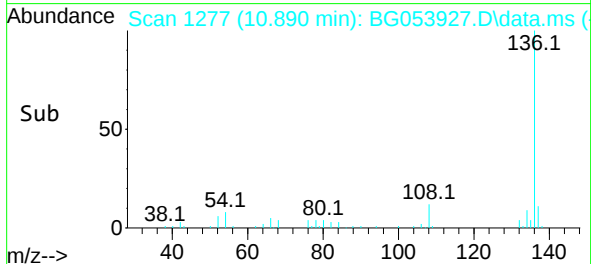
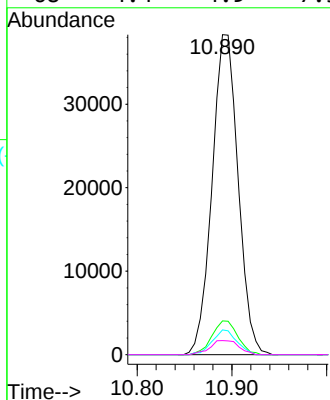
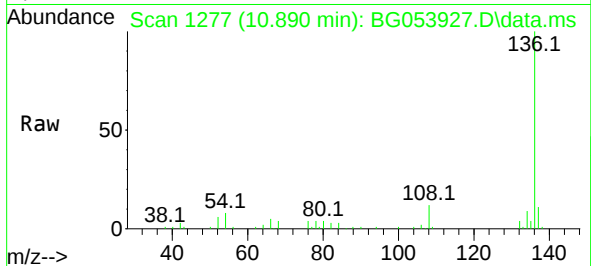




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

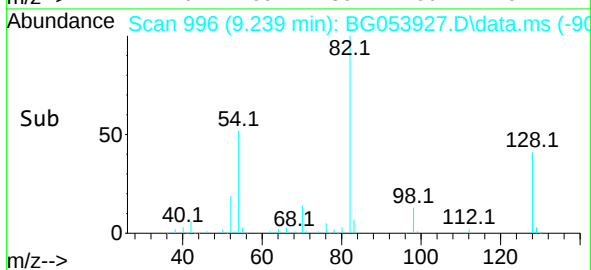
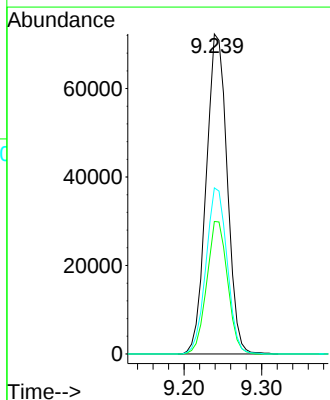
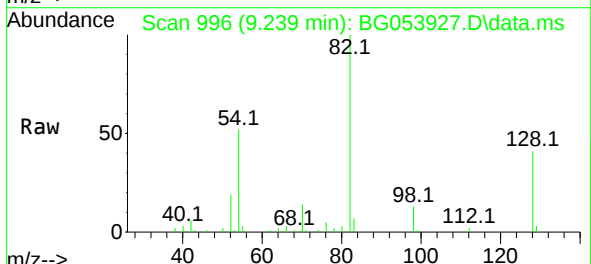
Instrument :
BNA_G
ClientSampleId :
FB061422

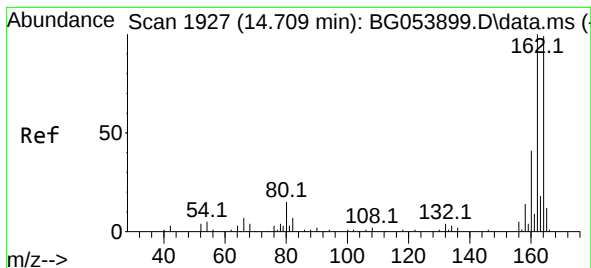
Tgt Ion:	136	Resp:	73159
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.8	7.4	11.2
68	4.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 104.413 ng
RT: 9.239 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion:	82	Resp:	135930
Ion Ratio	Lower	Upper	
82	100		
128	41.4	27.9	41.9
54	51.9	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.703 min Scan# 1926

Delta R.T. -0.007 min

Lab File: BG053927.D

Acq: 15 Jun 2022 20:33

Instrument :

BNA_G

ClientSampleId :

FB061422

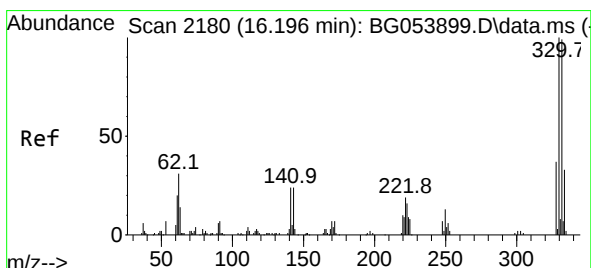
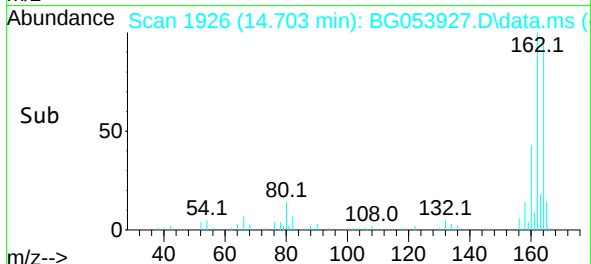
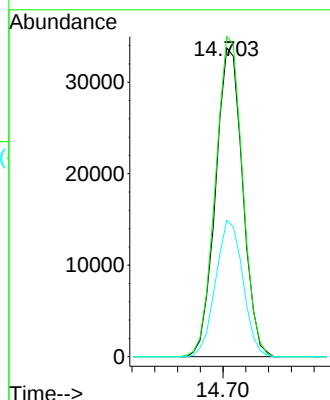
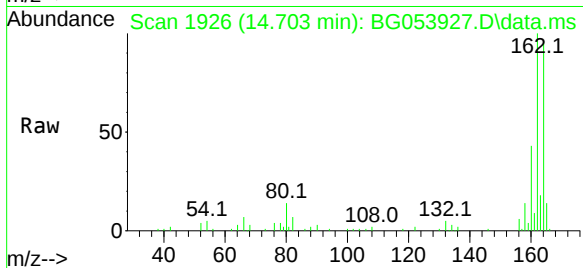
Tgt Ion:164 Resp: 55754

Ion Ratio Lower Upper

164 100

162 103.7 82.3 123.5

160 44.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 178.512 ng

RT: 16.190 min Scan# 2179

Delta R.T. -0.001 min

Lab File: BG053927.D

Acq: 15 Jun 2022 20:33

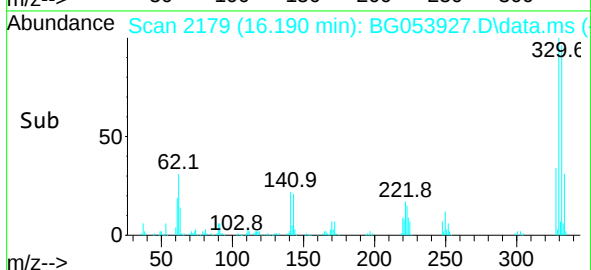
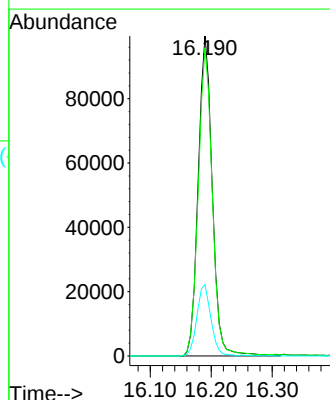
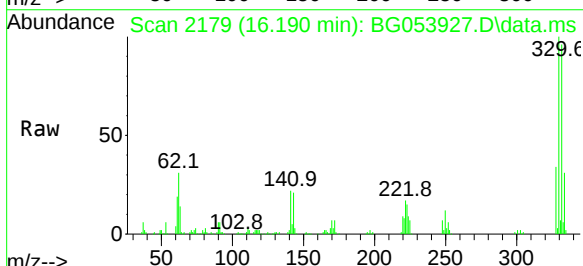
Tgt Ion:330 Resp: 159909

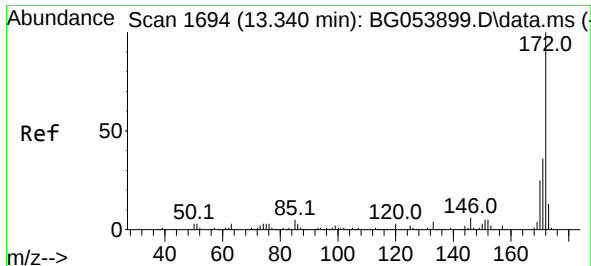
Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 22.1 27.1 40.7#

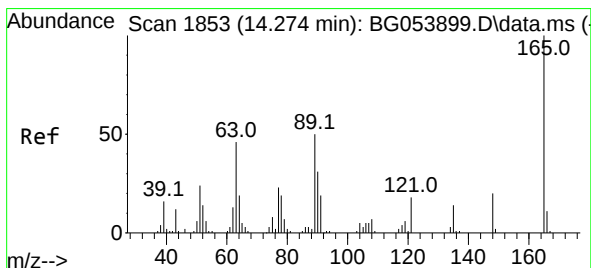
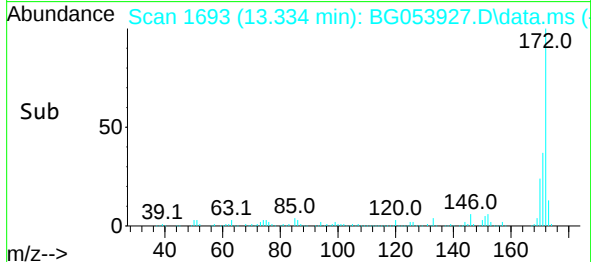
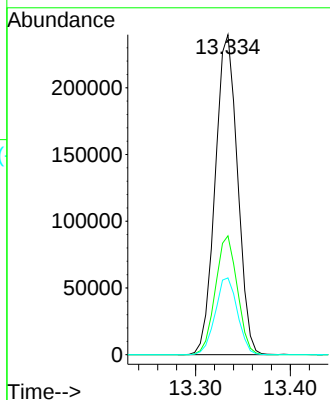
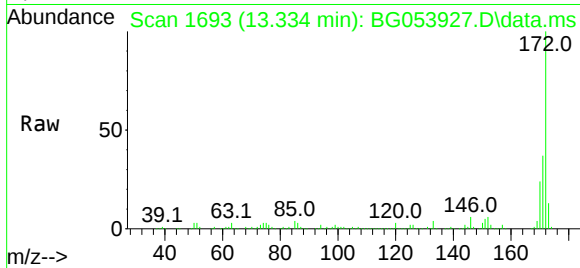




#45
2-Fluorobiphenyl
Concen: 102.448 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

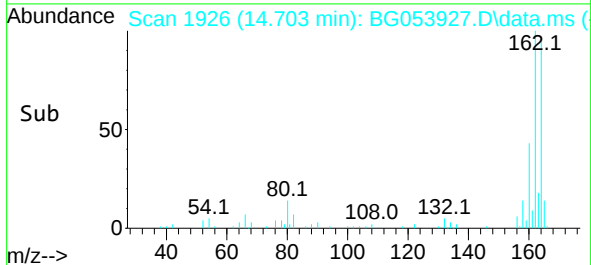
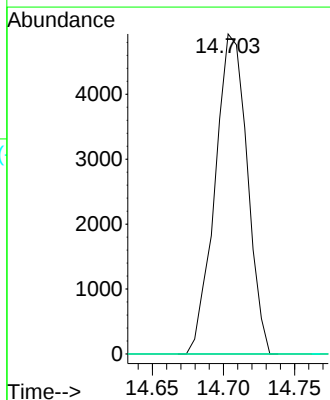
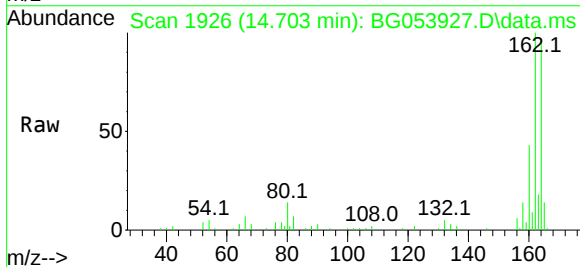
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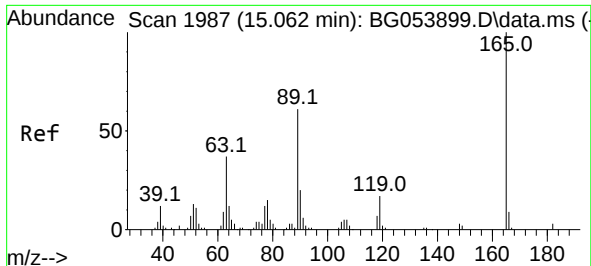
Tgt Ion:172 Resp: 392802
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.428 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion:165 Resp: 7770
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: 6.413 ng

RT: 14.703 min Scan# 1987

Delta R.T. -0.360 min

Lab File: BG053927.D

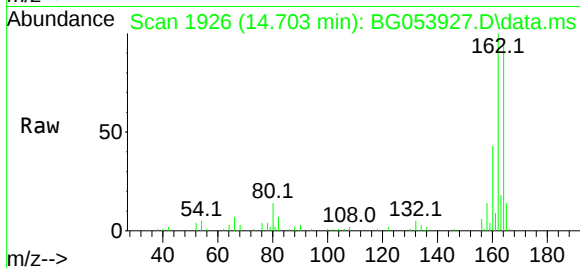
Acq: 15 Jun 2022 20:33

Instrument :

BNA_G

ClientSampleId :

FB061422



Tgt Ion:165 Resp: 7770

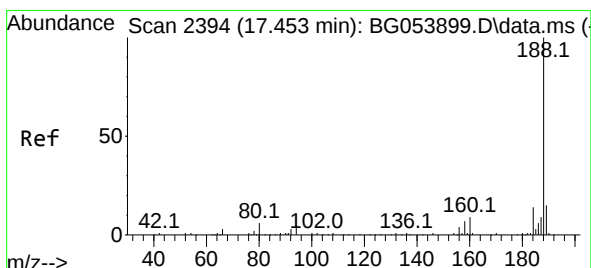
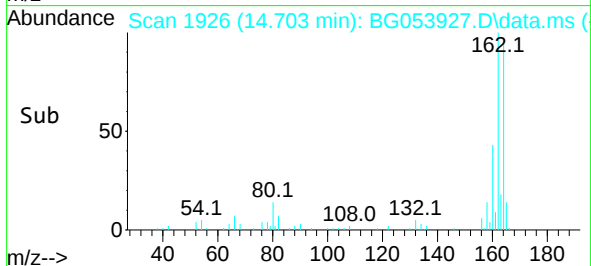
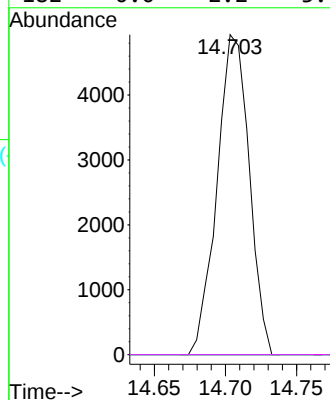
Ion Ratio Lower Upper

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# 2393

Delta R.T. -0.007 min

Lab File: BG053927.D

Acq: 15 Jun 2022 20:33

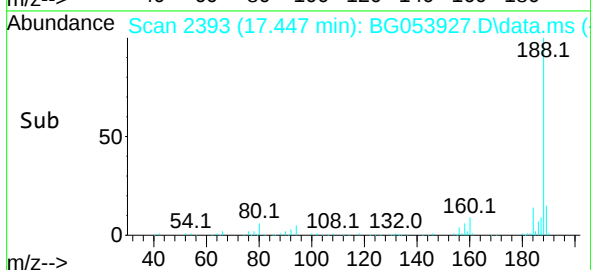
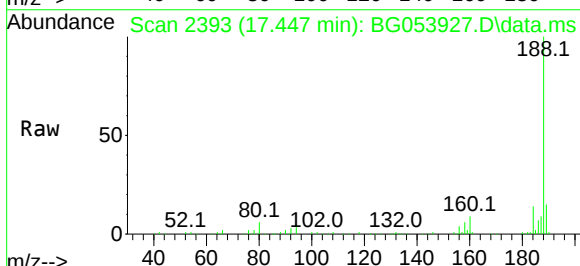
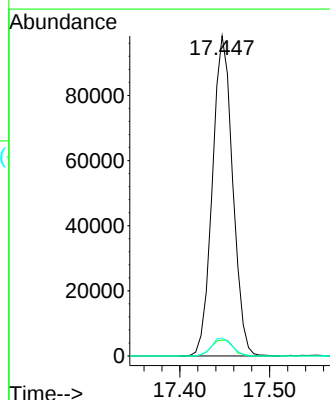
Tgt Ion:188 Resp: 154248

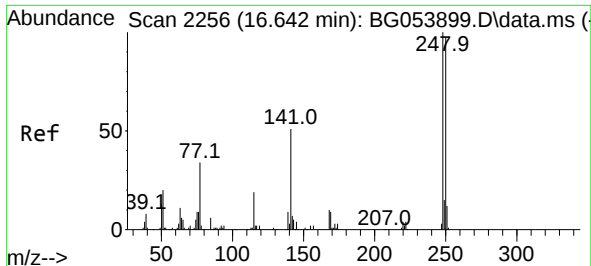
Ion Ratio Lower Upper

188 100

94 4.9 5.4 8.0#

80 5.6 6.8 10.2#

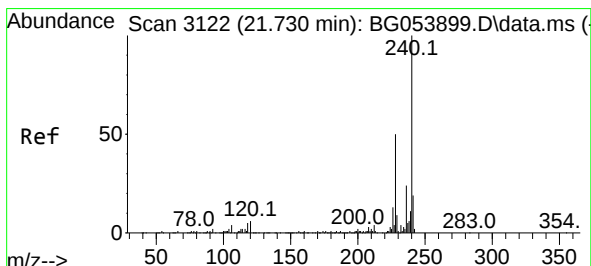
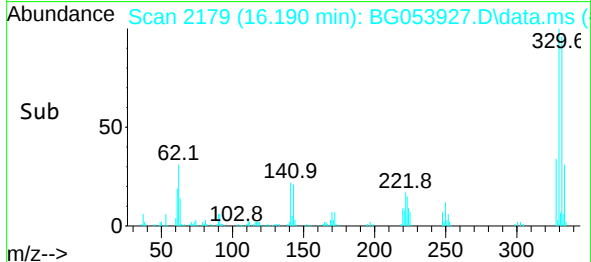
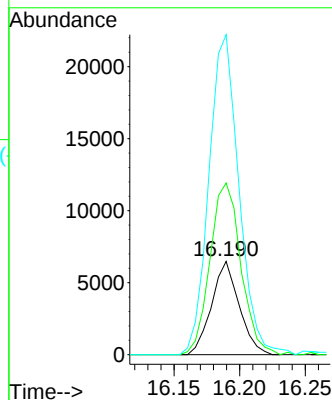
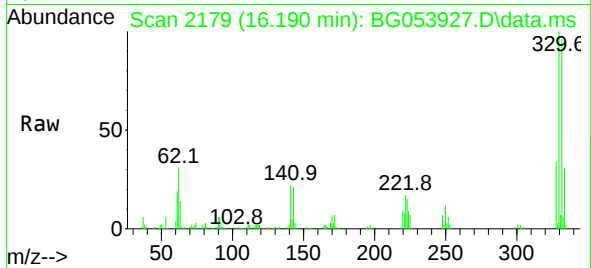




#67
4-Bromophenyl-phenylether
Concen: 4.917 ng
RT: 16.190 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

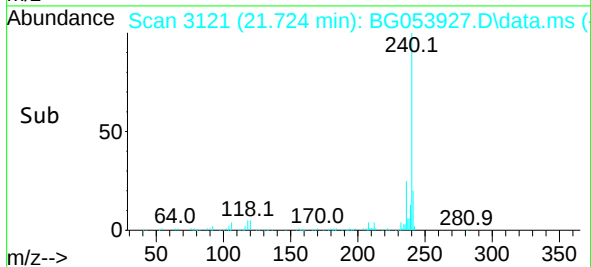
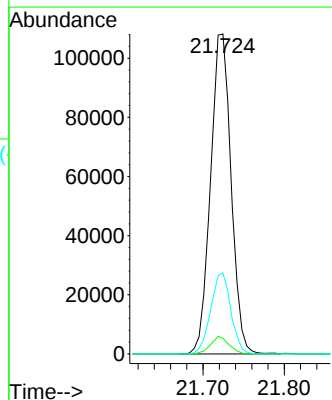
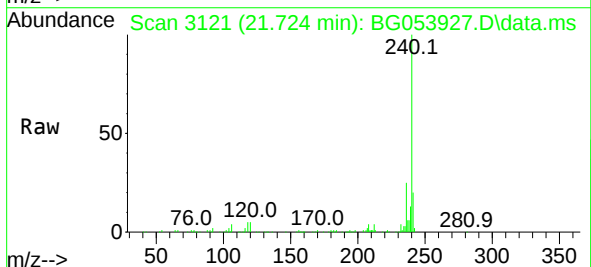
Instrument :
BNA_G
ClientSampleId :
FB061422

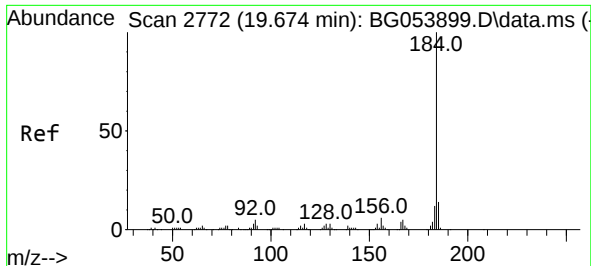
Tgt Ion:248 Resp: 9473
Ion Ratio Lower Upper
248 100
250 184.0 75.2 112.8#
141 269.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3121
Delta R.T. -0.007 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion:240 Resp: 190107
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 25.3 20.2 30.4

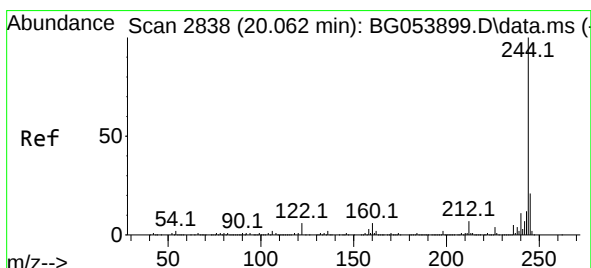
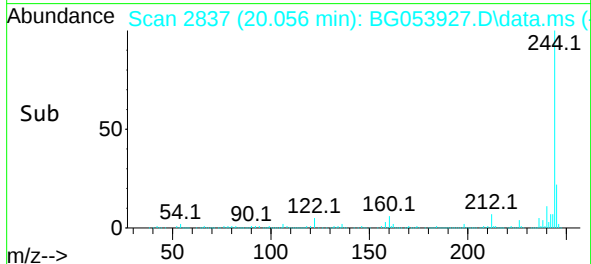
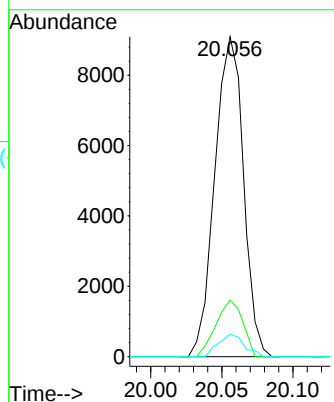
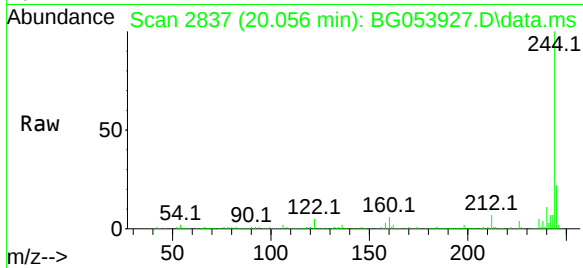




#77
Benzidine
Concen: 3.232 ng
RT: 20.056 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

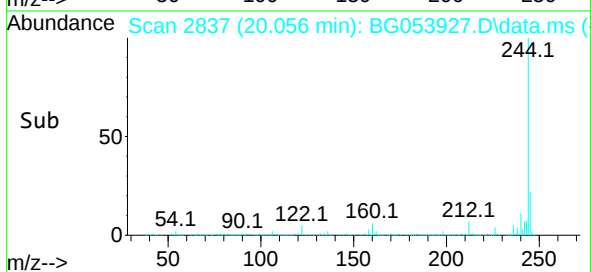
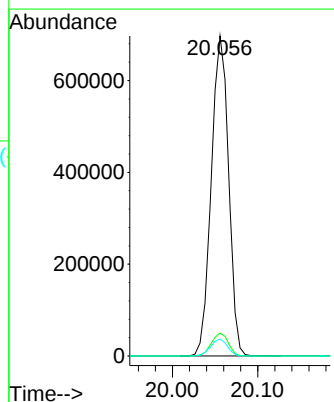
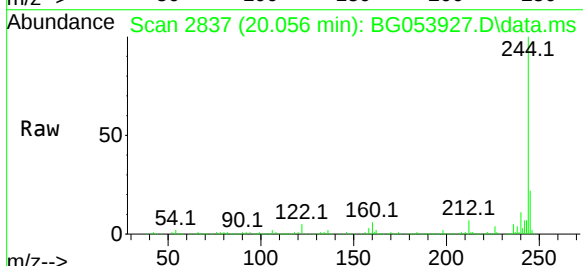
Instrument :
BNA_G
ClientSampleId :
FB061422

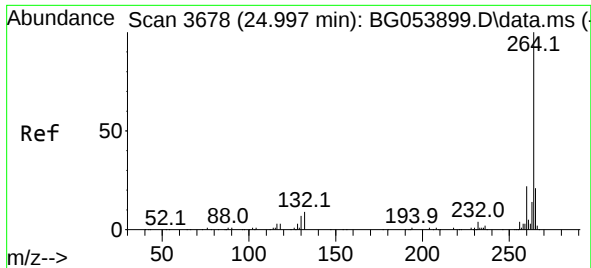
Tgt Ion:184 Resp: 12724
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 104.143 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.001 min
Lab File: BG053927.D
Acq: 15 Jun 2022 20:33

Tgt Ion:244 Resp: 982997
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.979 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053927.D
 Acq: 15 Jun 2022 20:33

Instrument :
 BNA_G
 ClientSampleId :
 FB061422

Tgt Ion:264 Resp: 199429
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.9 17.4 26.2

