

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053926.D
 Acq On : 15 Jun 2022 19:53
 Operator : CG/JU
 Sample : N3354-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Quant Time: Jun 16 01:26:08 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

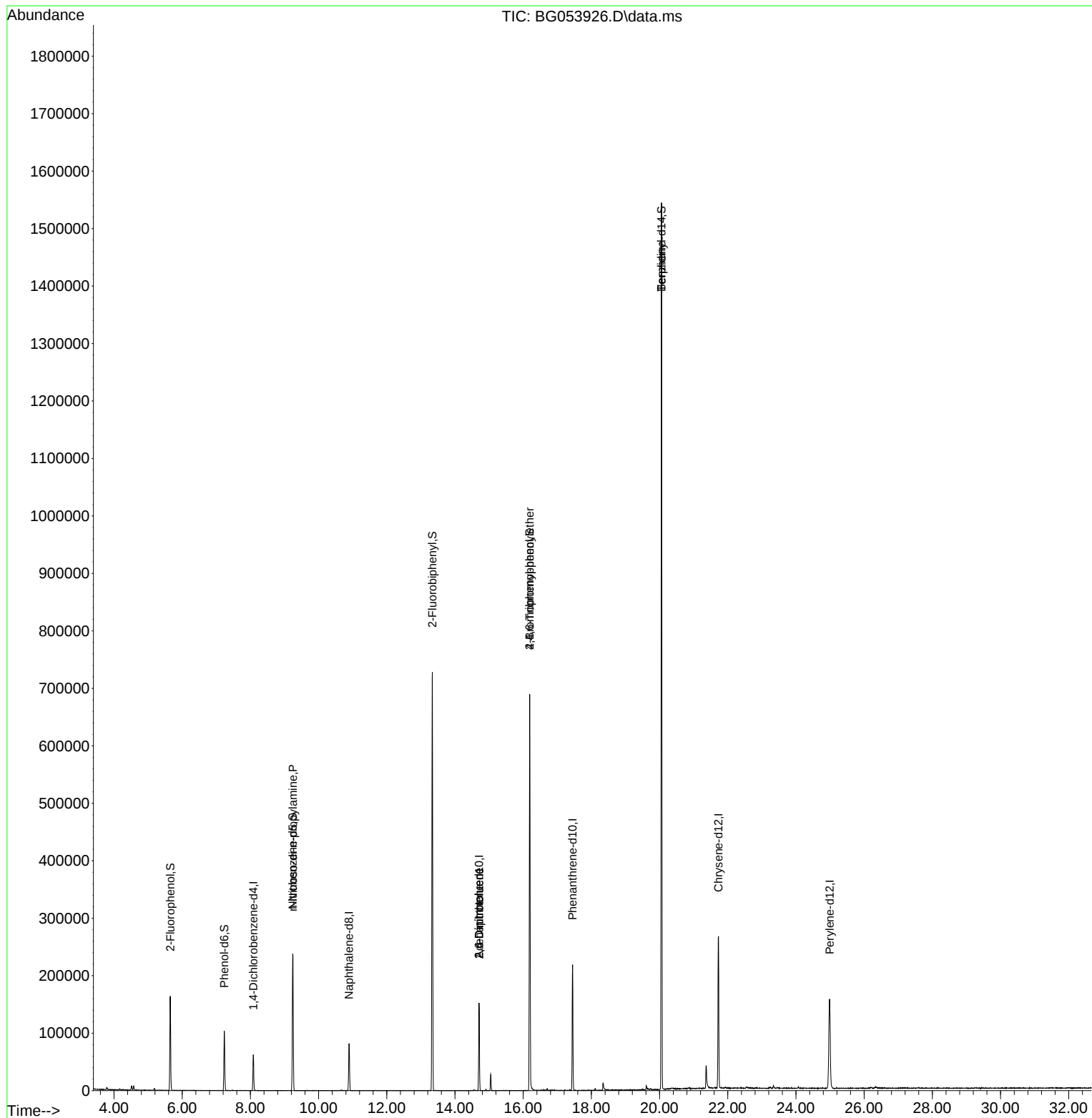
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	19558	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	78373	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	59232	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	159127	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	194420	20.000	ng	0.00
86) Perylene-d12	24.987	264	202848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	76633	74.913	ng	0.00
7) Phenol-d6	7.237	99	63057	45.439	ng	0.00
23) Nitrobenzene-d5	9.240	82	151955	108.957	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	173228	182.026	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	437200	107.332	ng	0.00
79) Terphenyl-d14	20.057	244	908754	94.142	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	20808	22.319	ng	# 77
51) 2,6-Dinitrotoluene	14.704	165	8127	8.917	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	8127	6.314	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	10731	5.399	ng	# 1
77) Benzidine	20.057	184	12004	2.981	ng	# 95

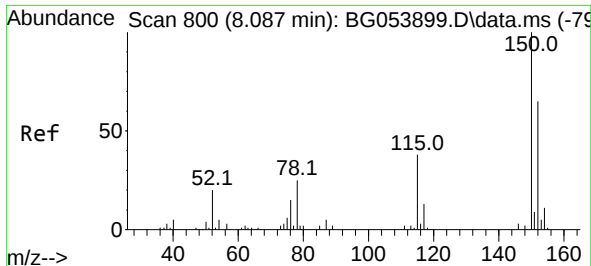
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
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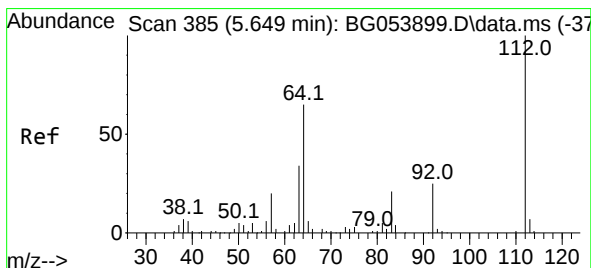
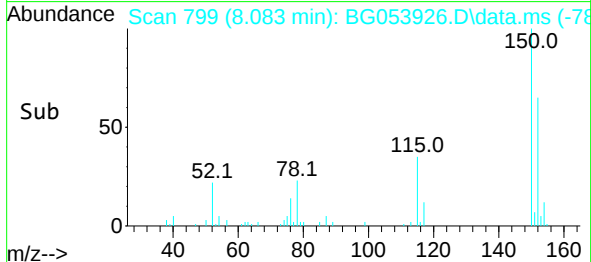
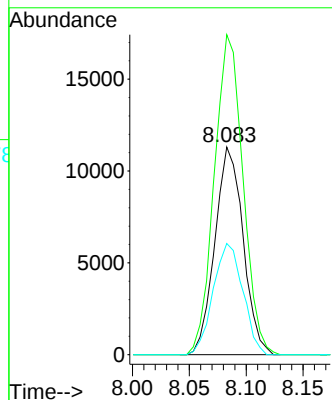
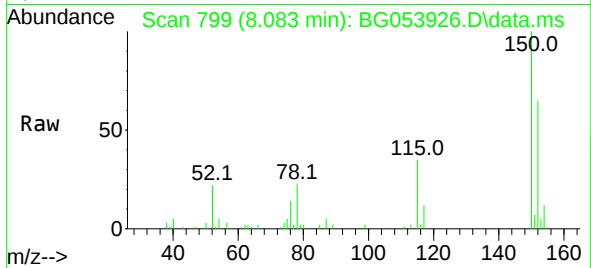




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 799
Delta R.T. -0.006 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

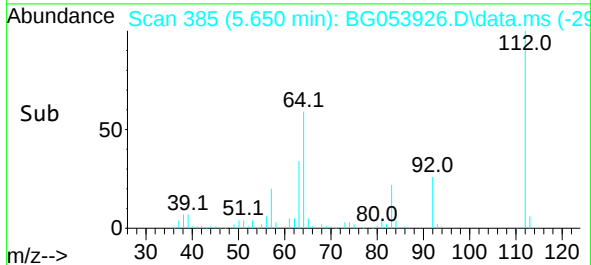
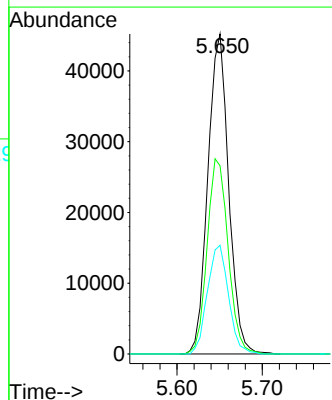
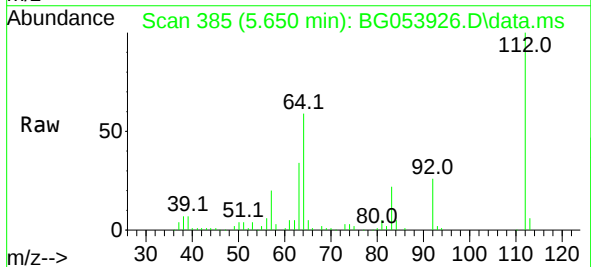
Instrument :
BNA_G
ClientSampleId :
MW-50D

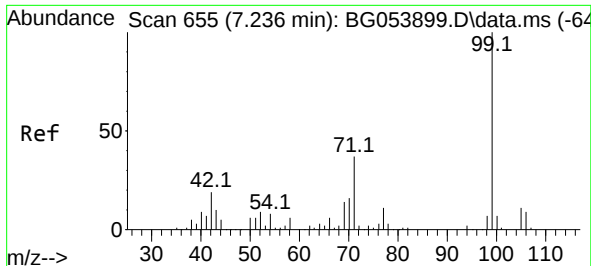
Tgt Ion:152 Resp: 19558
Ion Ratio Lower Upper
152 100
150 154.1 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 74.913 ng
RT: 5.650 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion:112 Resp: 76633
Ion Ratio Lower Upper
112 100
64 58.8 55.1 82.7
63 34.0 30.4 45.6

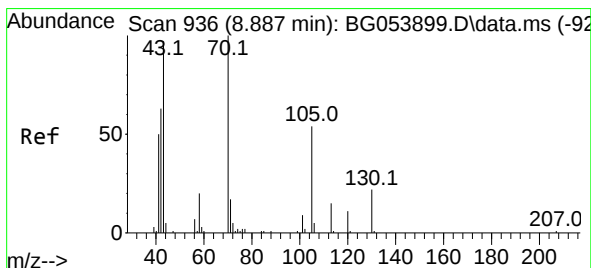
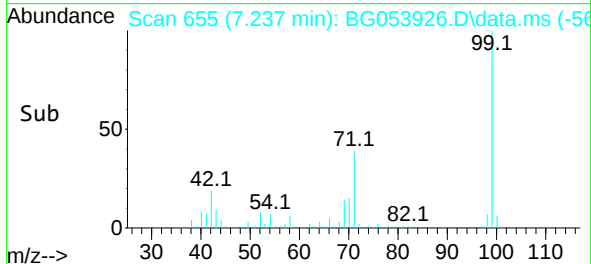
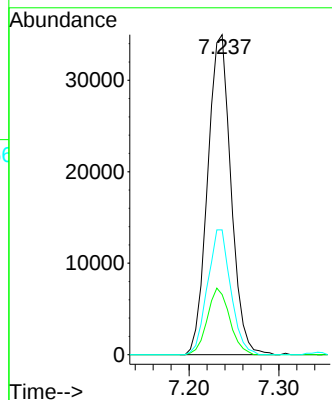
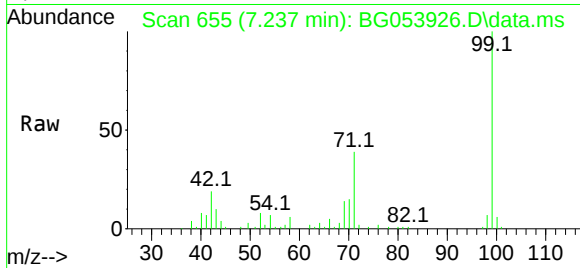




#7
Phenol-d6
Concen: 45.439 ng
RT: 7.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

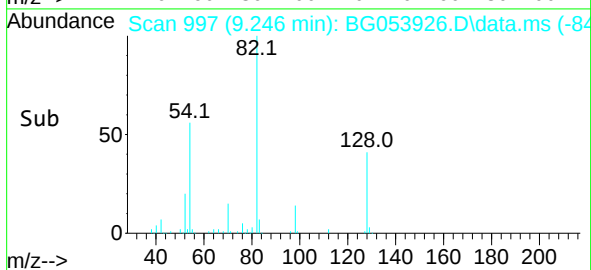
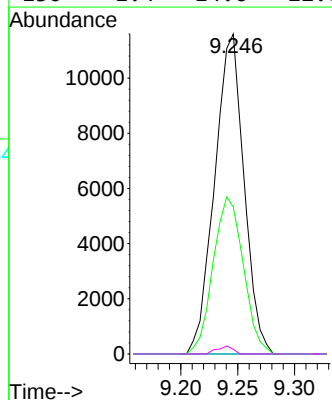
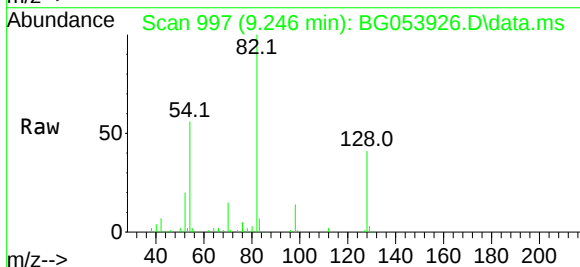
Instrument :
BNA_G
ClientSampleId :
MW-50D

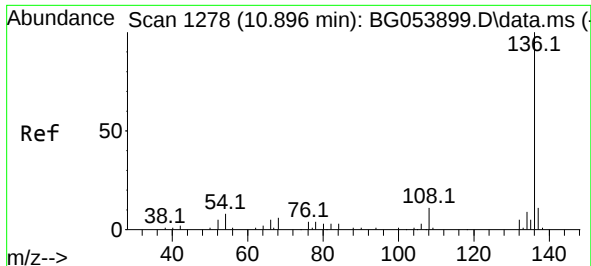
Tgt Ion: 99 Resp: 63057
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 39.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.319 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion: 70 Resp: 20808
Ion Ratio Lower Upper
70 100
42 45.9 47.3 70.9#
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#

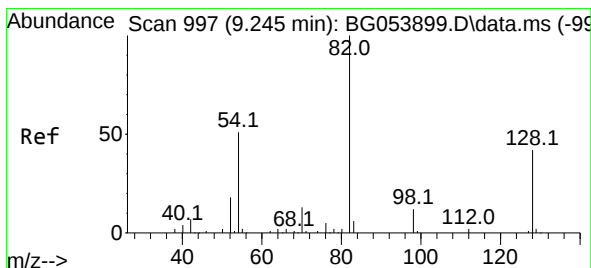
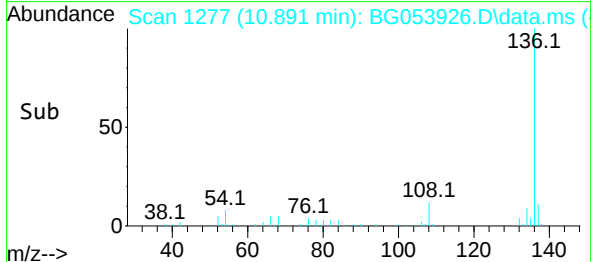
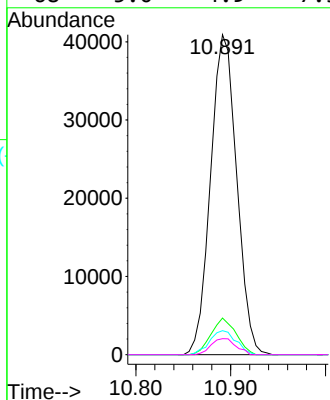
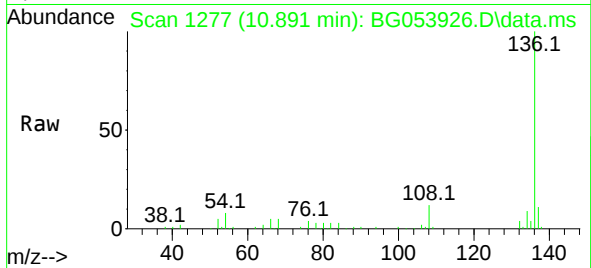




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

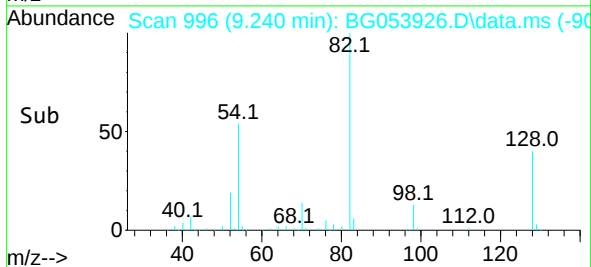
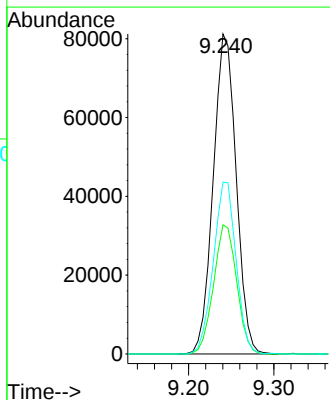
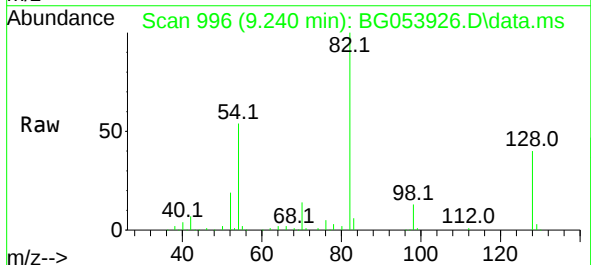
Instrument :
BNA_G
ClientSampleId :
MW-50D

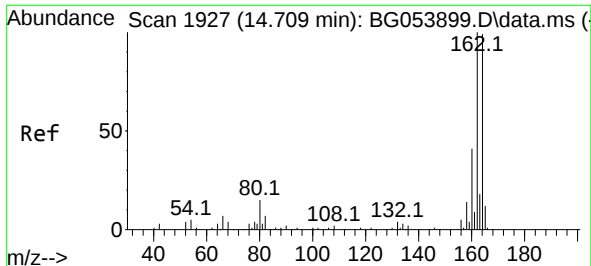
Tgt Ion:	136	Resp:	78373
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	7.5	7.4	11.2
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 108.957 ng
RT: 9.240 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion:	82	Resp:	151955
Ion Ratio	Lower	Upper	
82	100		
128	40.4	27.9	41.9
54	53.7	41.2	61.8

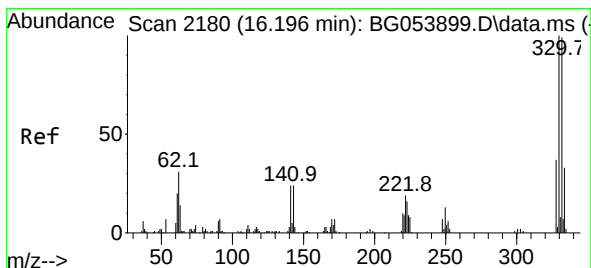
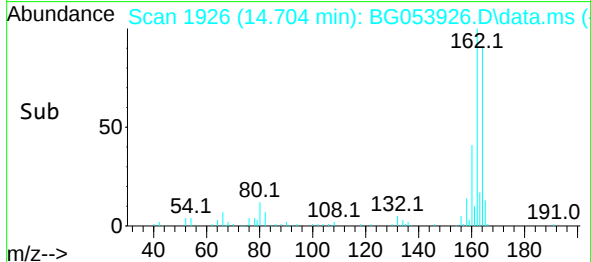
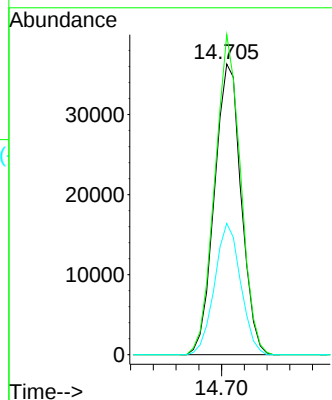
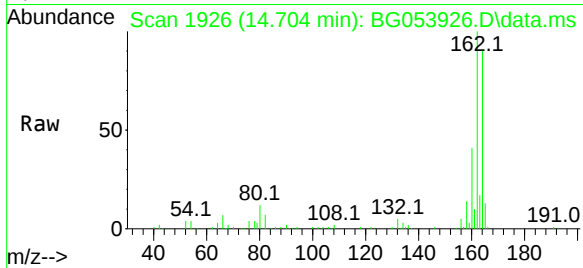




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

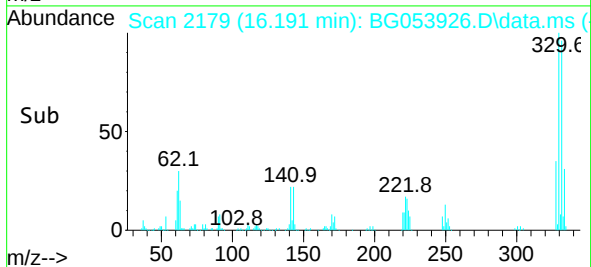
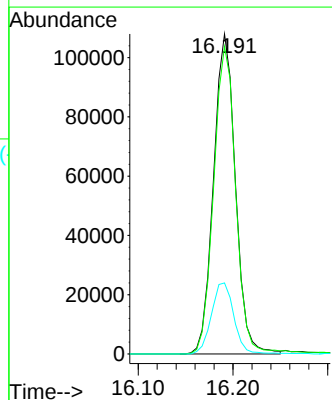
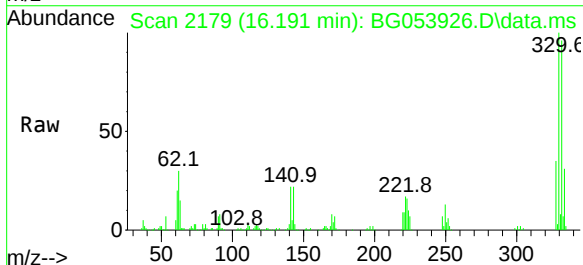
Instrument :
BNA_G
ClientSampleId :
MW-50D

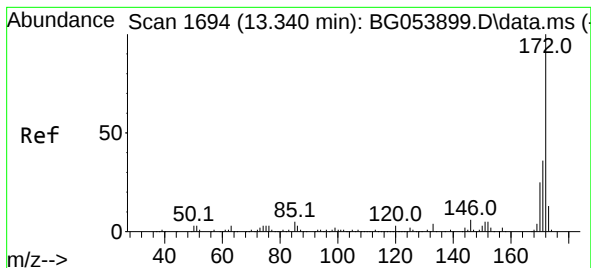
Tgt Ion:164 Resp: 59232
Ion Ratio Lower Upper
164 100
162 110.0 82.3 123.5
160 45.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 182.026 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion:330 Resp: 173228
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 22.9 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 107.332 ng

RT: 13.336 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053926.D

Acq: 15 Jun 2022 19:53

Instrument :

BNA_G

ClientSampleId :

MW-50D

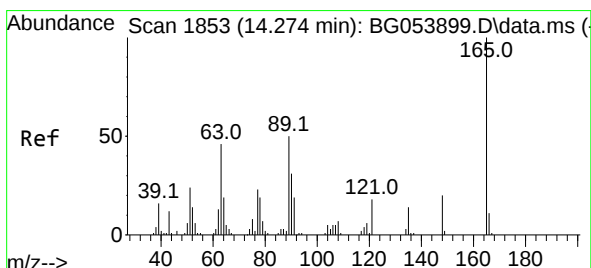
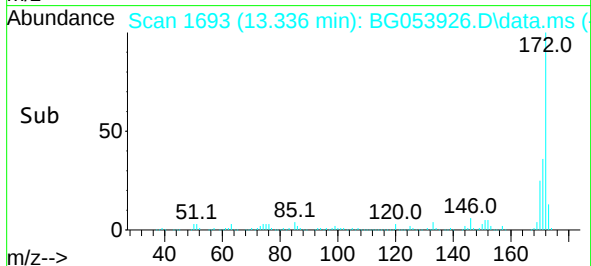
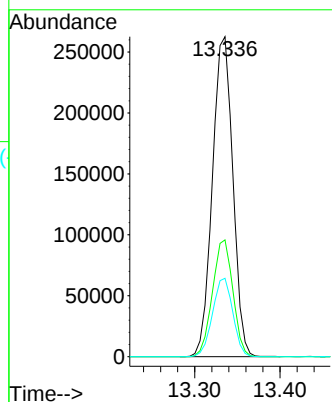
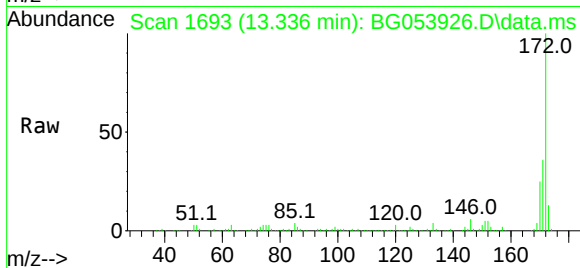
Tgt Ion:172 Resp: 437200

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.5 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.917 ng

RT: 14.704 min Scan# 1926

Delta R.T. 0.429 min

Lab File: BG053926.D

Acq: 15 Jun 2022 19:53

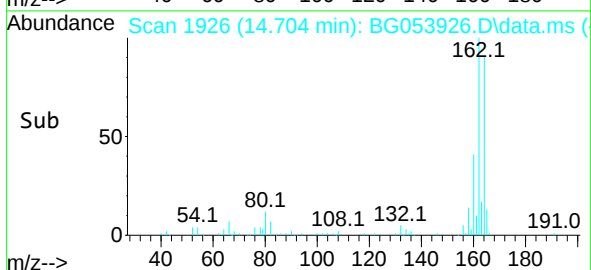
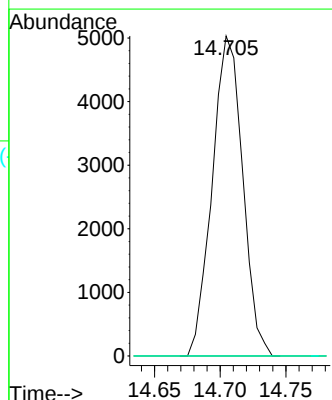
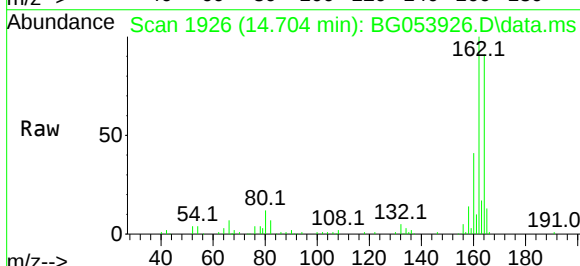
Tgt Ion:165 Resp: 8127

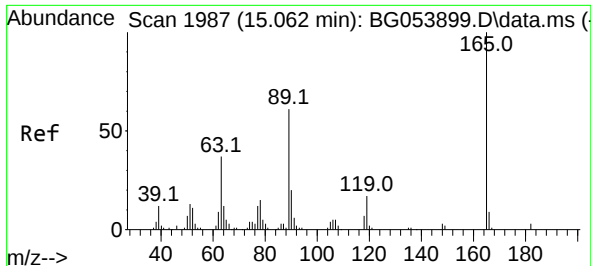
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.314 ng

RT: 14.704 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG053926.D

Acq: 15 Jun 2022 19:53

Instrument :

BNA_G

ClientSampleId :

MW-50D

Tgt Ion:165 Resp: 8127

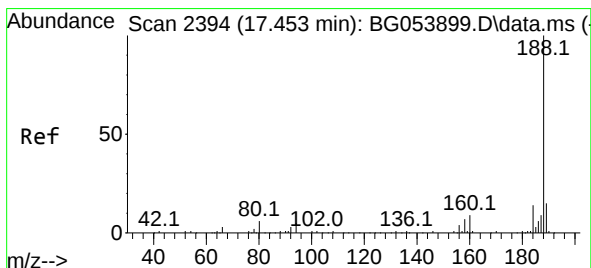
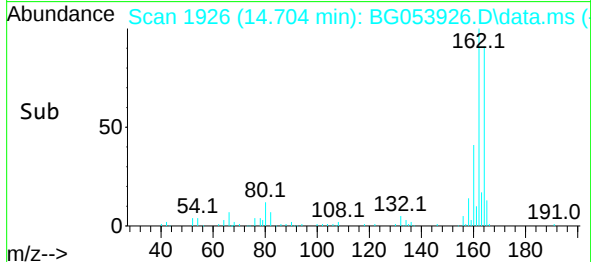
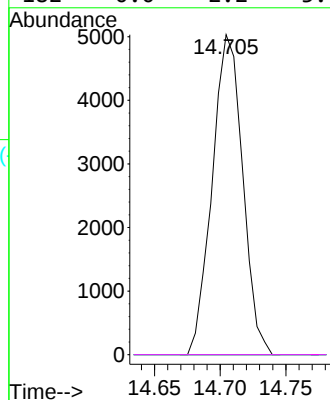
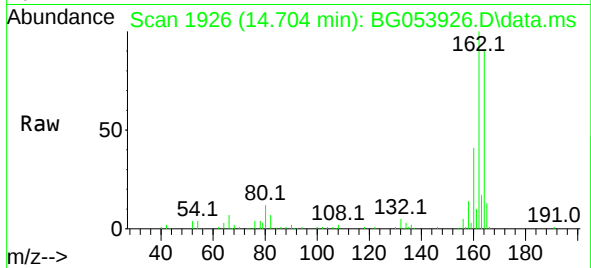
Ion Ratio Lower Upper

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: 17.448 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BG053926.D

Acq: 15 Jun 2022 19:53

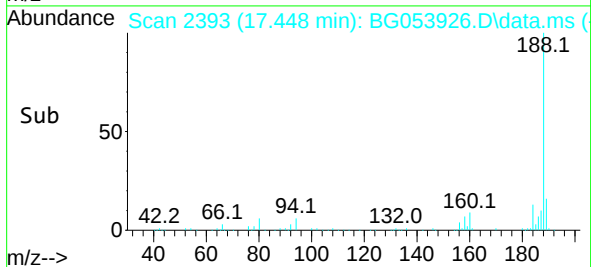
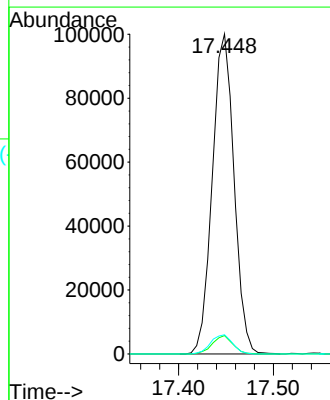
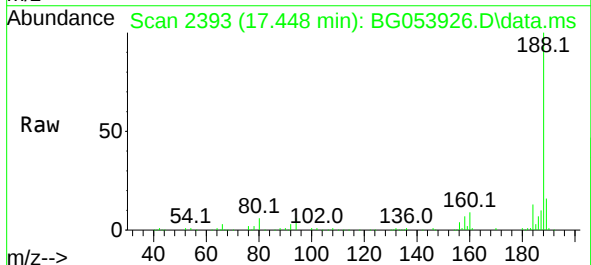
Tgt Ion:188 Resp: 159127

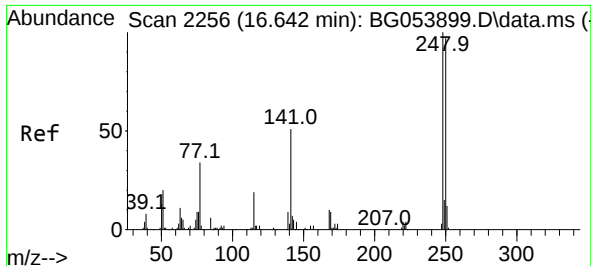
Ion Ratio Lower Upper

188 100

94 5.8 5.4 8.0

80 6.0 6.8 10.2#

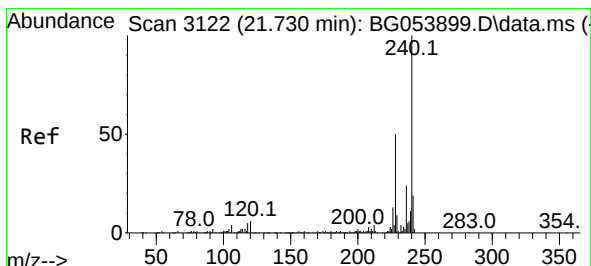
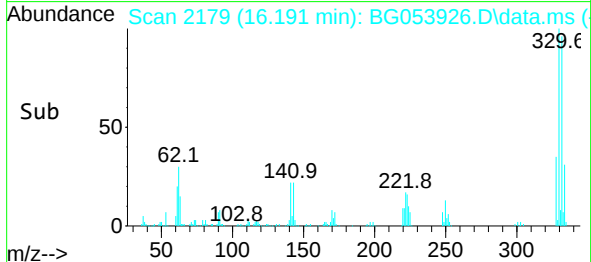
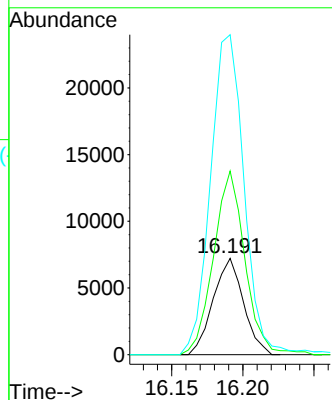
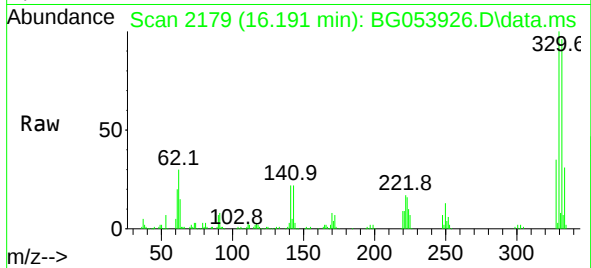




#67
4-Bromophenyl-phenylether
Concen: 5.399 ng
RT: 16.191 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

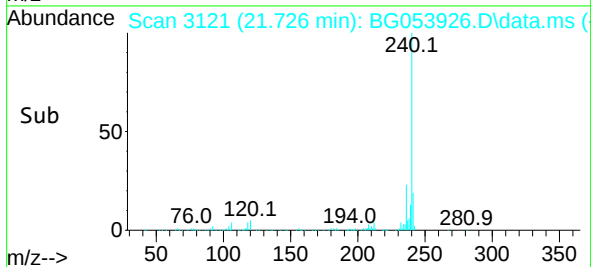
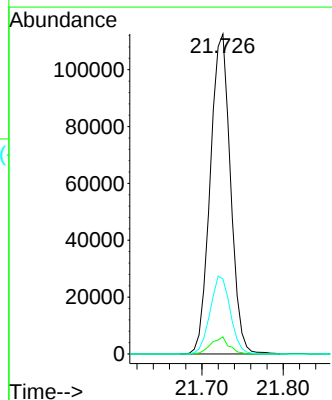
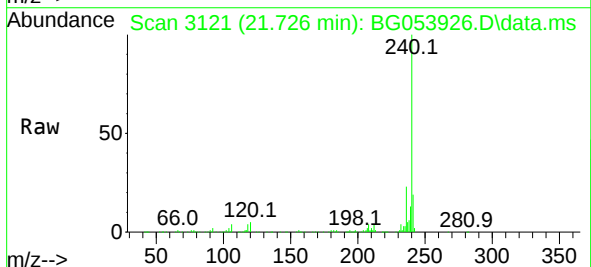
Instrument :
BNA_G
ClientSampleId :
MW-50D

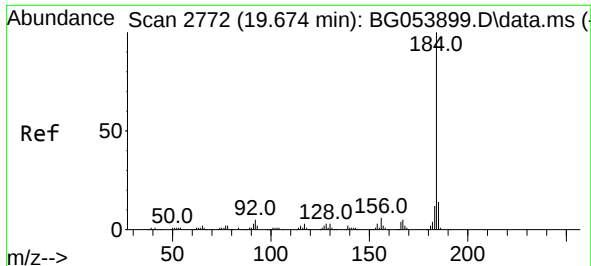
Tgt Ion:248 Resp: 10731
Ion Ratio Lower Upper
248 100
250 193.8 75.2 112.8#
141 259.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion:240 Resp: 194420
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 23.5 20.2 30.4

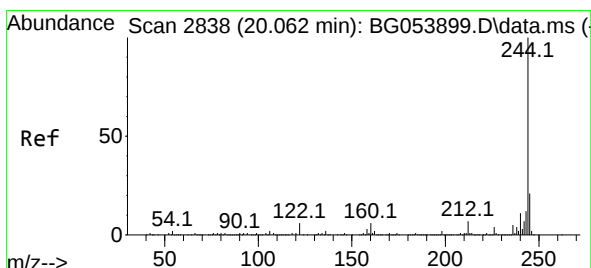
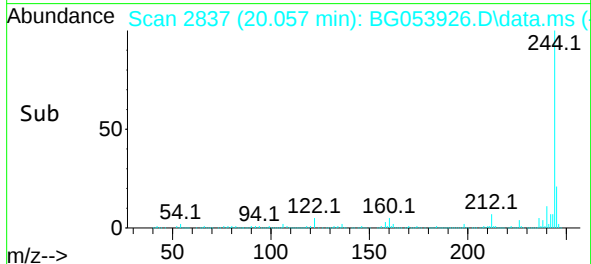
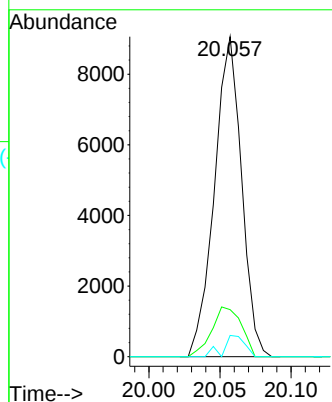
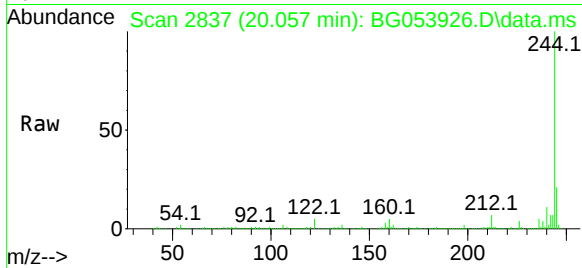




#77
Benzidine
Concen: 2.981 ng
RT: 20.057 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

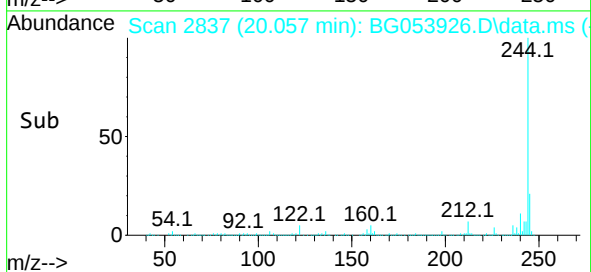
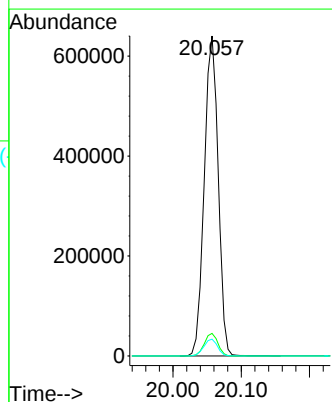
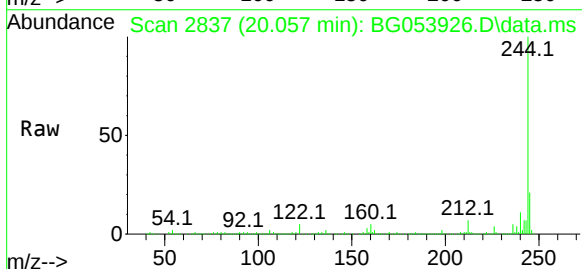
Instrument :
BNA_G
ClientSampleId :
MW-50D

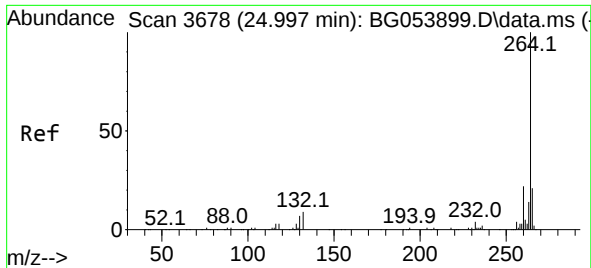
Tgt Ion:184 Resp: 12004
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 6.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 94.142 ng
RT: 20.057 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BG053926.D
Acq: 15 Jun 2022 19:53

Tgt Ion:244 Resp: 908754
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 5.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG053926.D
 Acq: 15 Jun 2022 19:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-50D

Tgt Ion:264 Resp: 202848
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.1 17.4 26.2

