

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053901.D
 Acq On : 14 Jun 2022 14:51
 Operator : CG/JU
 Sample : N3327-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW-WMR-COMP-2

Quant Time: Jun 15 02:59:23 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)

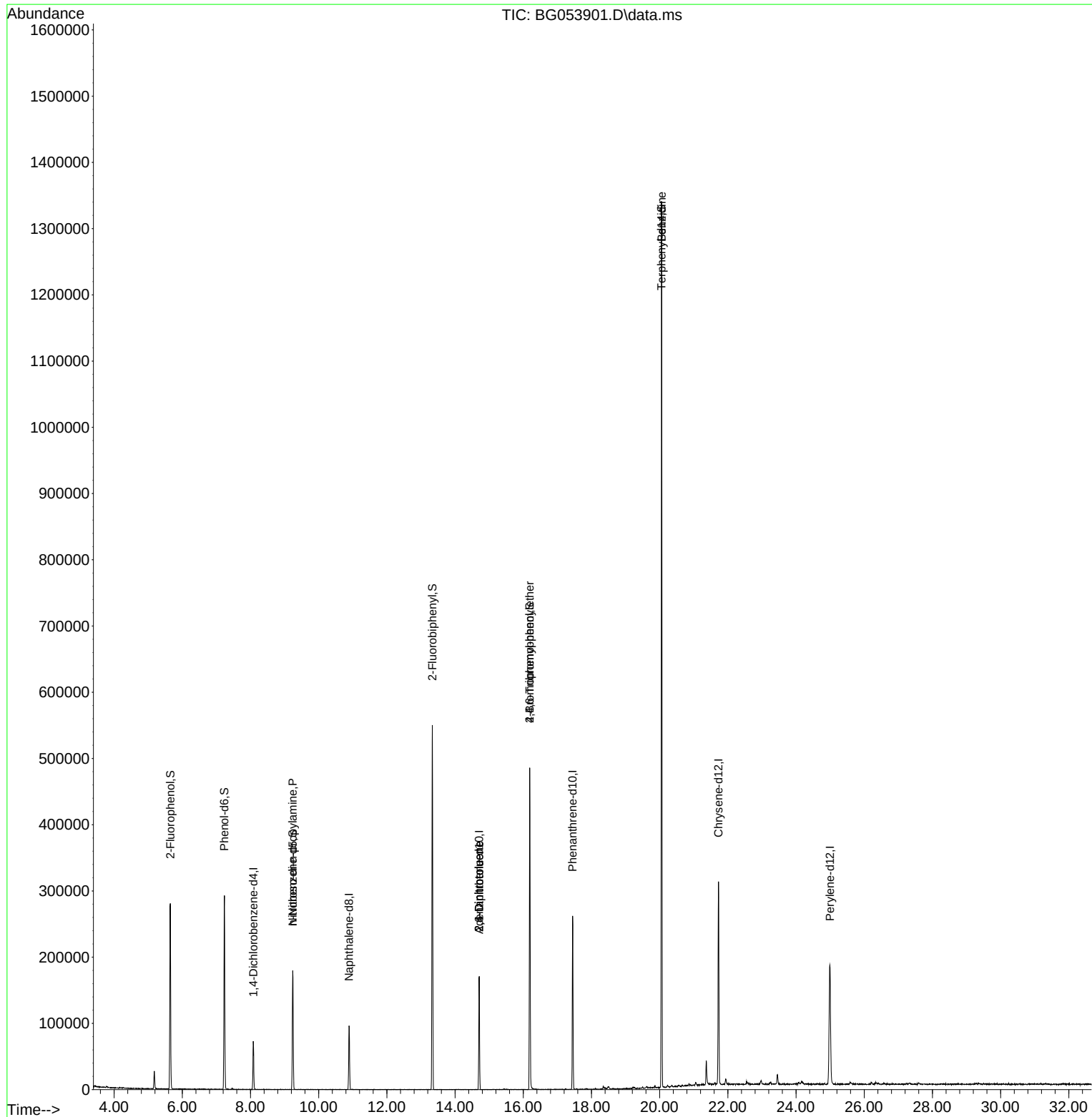
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	22660	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	88079	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	69850	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	184331	20.000	ng	0.00
76) Chrysene-d12	21.725	240	222716	20.000	ng	0.00
86) Perylene-d12	24.992	264	225780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	135218	114.089	ng	0.00
7) Phenol-d6	7.237	99	180401	112.203	ng	0.00
23) Nitrobenzene-d5	9.240	82	115812	73.890	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	118983	106.020	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	327653	68.211	ng	0.00
79) Terphenyl-d14	20.057	244	743225	67.212	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.240	70	14896	13.790	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.710	165	9423	8.767	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	9423	6.208	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	7101	3.084	ng	# 1
77) Benzidine	20.063	184	9324	2.022	ng	# 94

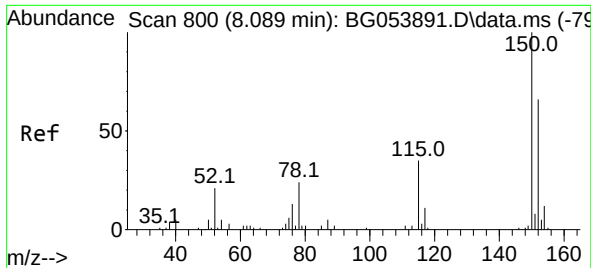
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 15:49:31 2022
Response via : Initial Calibration

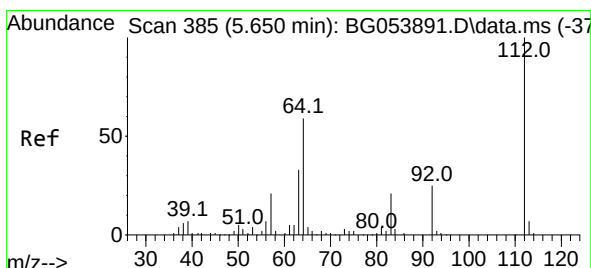
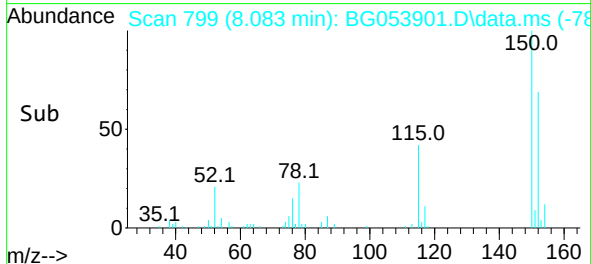
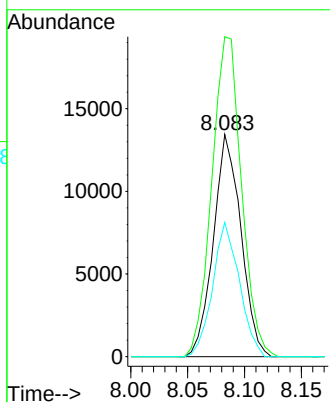
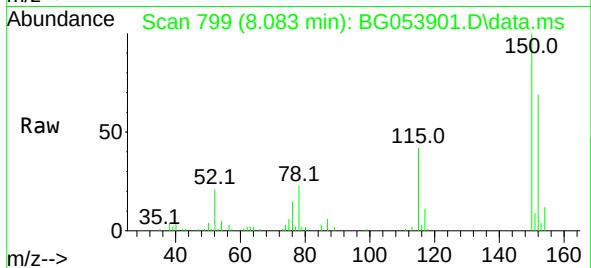




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 799
Delta R.T. -0.006 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

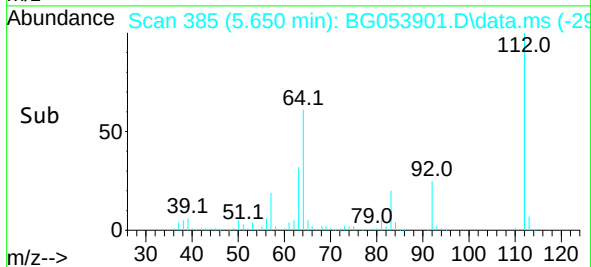
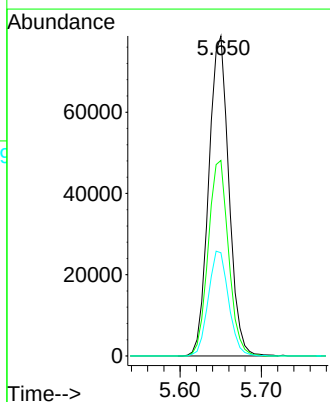
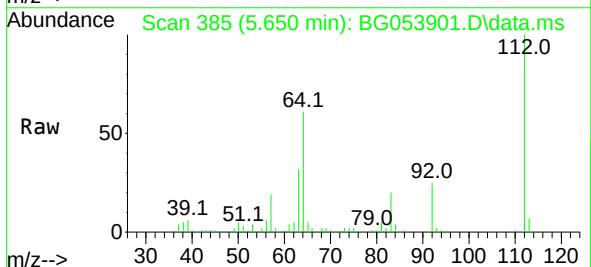
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

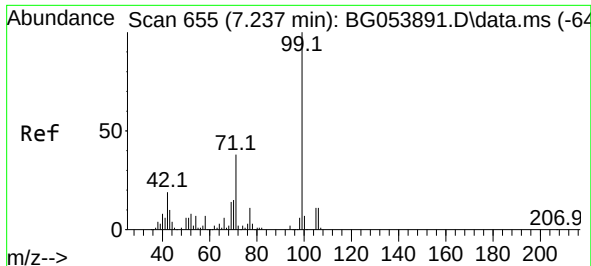
Tgt Ion:152 Resp: 22660
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 60.4 50.9 76.3



#5
2-Fluorophenol
Concen: 114.089 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Tgt Ion:112 Resp: 135218
Ion Ratio Lower Upper
112 100
64 61.1 55.1 82.7
63 32.2 30.4 45.6

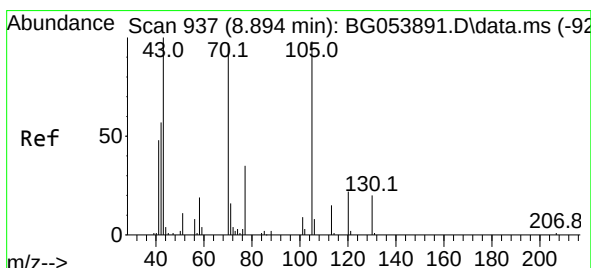
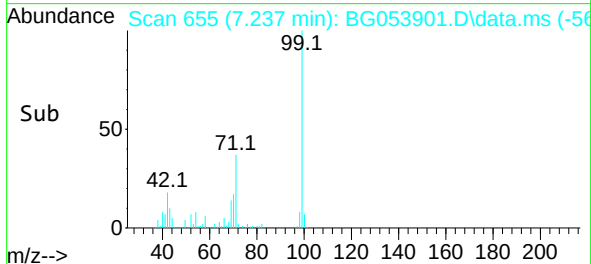
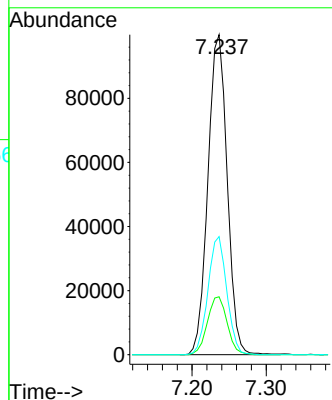
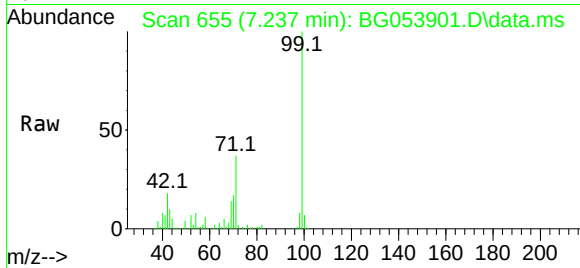




#7
Phenol-d6
Concen: 112.203 ng
RT: 7.237 min Scan# 611
Delta R.T. -0.000 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

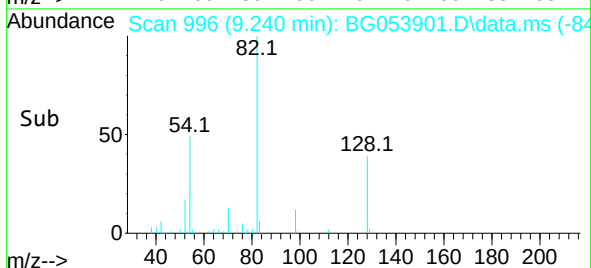
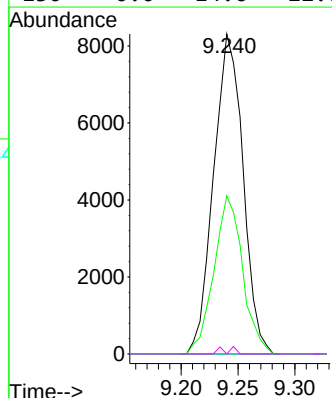
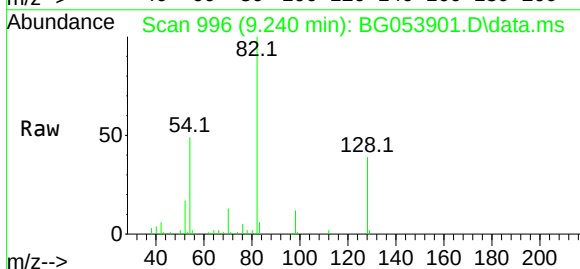
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

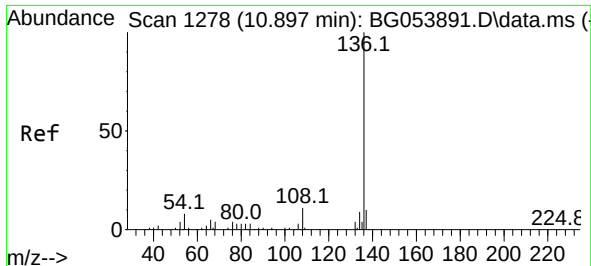
Tgt Ion: 99 Resp: 180401
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 36.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.790 ng
RT: 9.240 min Scan# 996
Delta R.T. 0.346 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Tgt Ion: 70 Resp: 14896
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

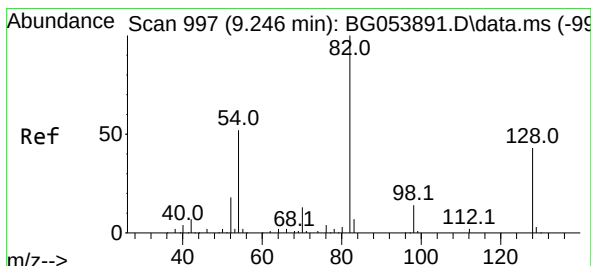
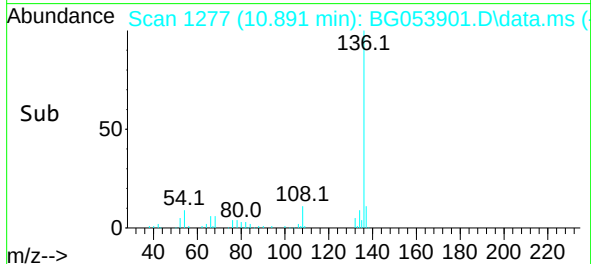
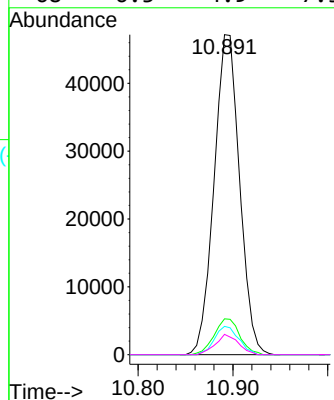
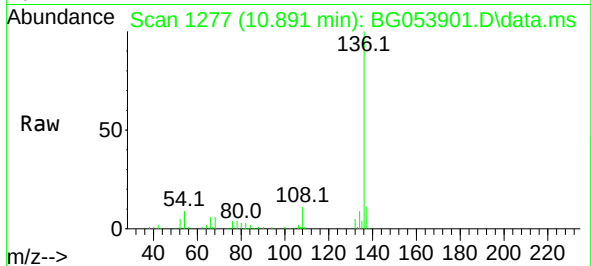




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

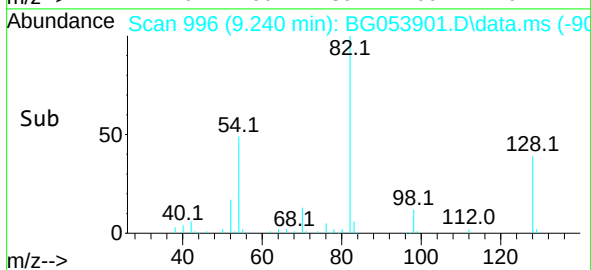
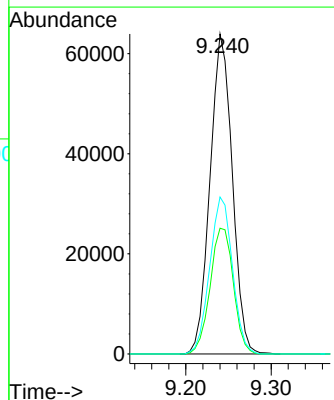
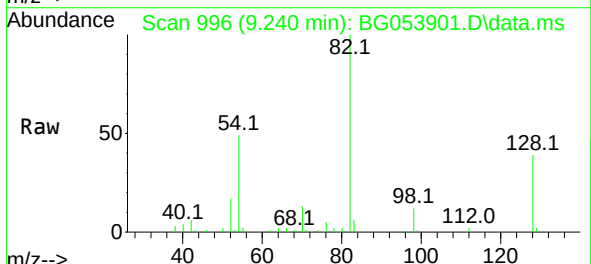
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

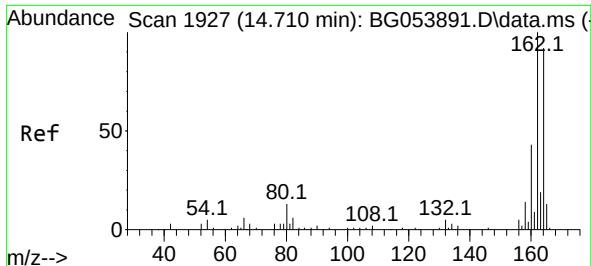
Tgt Ion:	136	Resp:	88079
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	8.9	7.4	11.2
68	6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 73.890 ng
RT: 9.240 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

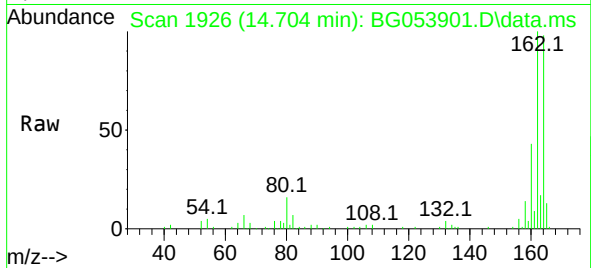
Tgt Ion:	82	Resp:	115812
Ion Ratio	Lower	Upper	
82	100		
128	39.3	27.9	41.9
54	49.1	41.2	61.8



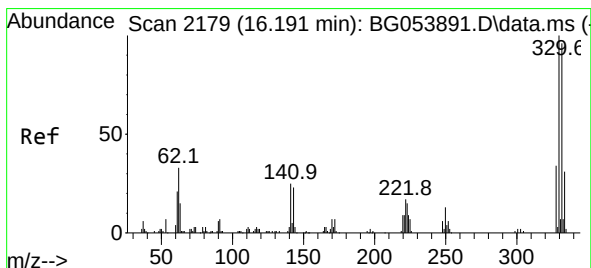
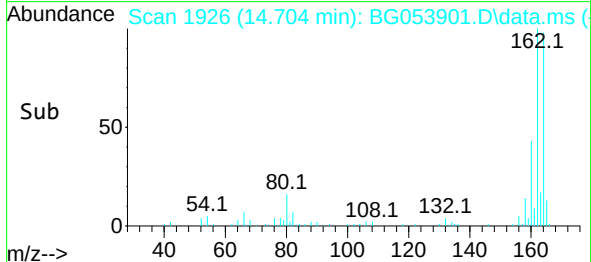
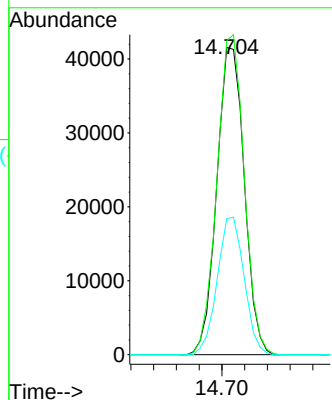


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

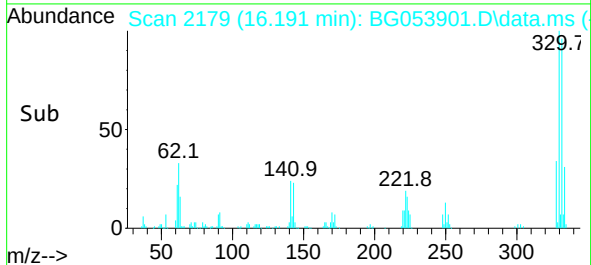
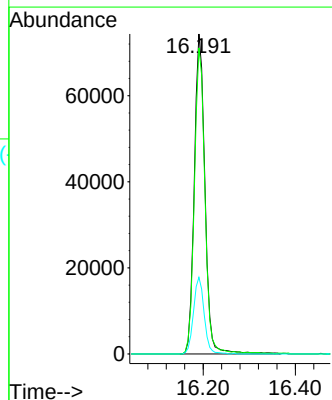
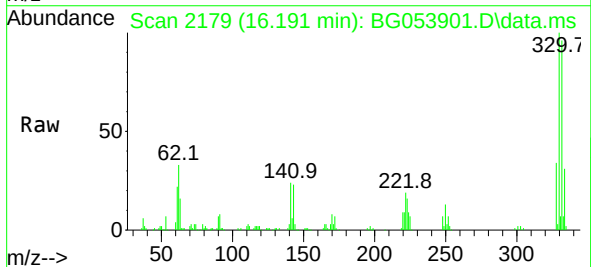


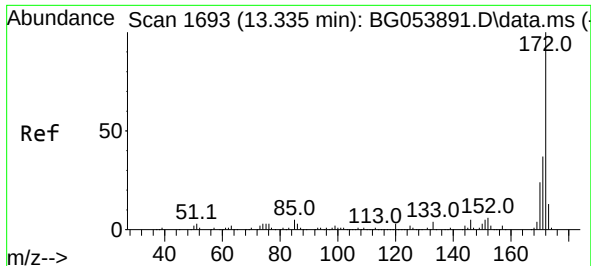
Tgt Ion:164 Resp: 69850
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 106.020 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Tgt Ion:330 Resp: 118983
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 23.9 27.1 40.7#

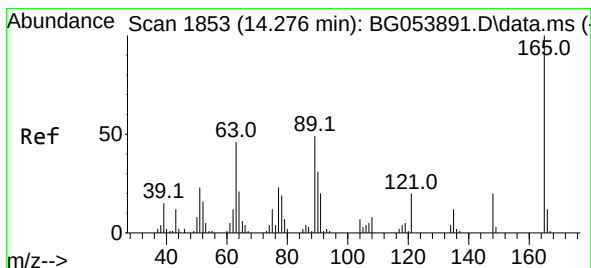
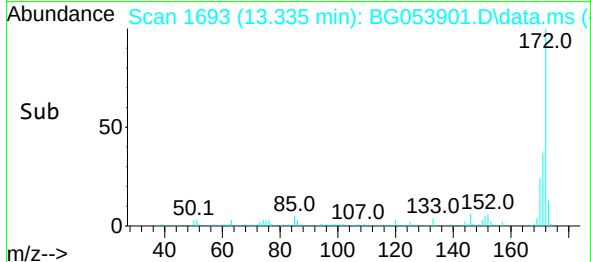
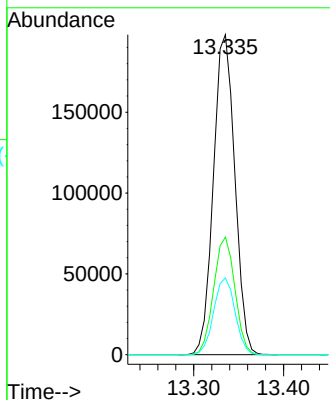
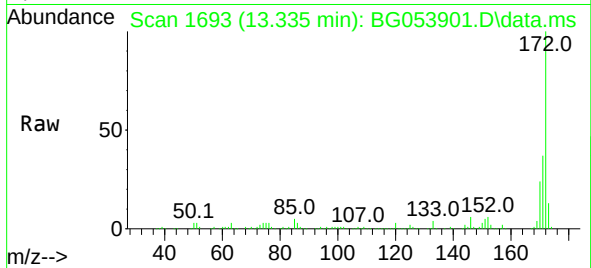




#45
2-Fluorobiphenyl
Concen: 68.211 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

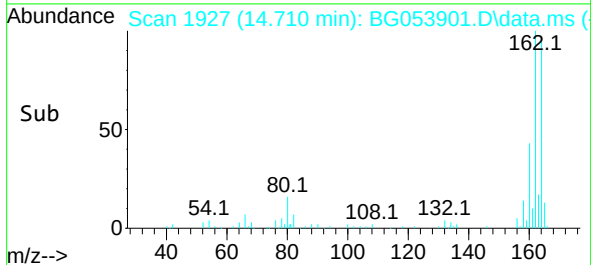
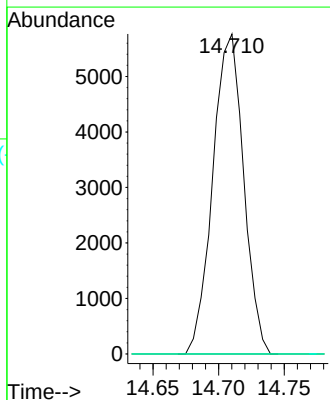
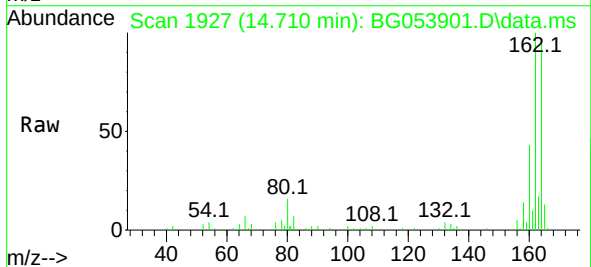
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

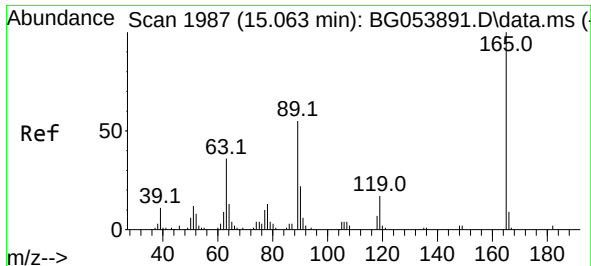
Tgt Ion:172 Resp: 327653
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.767 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Tgt Ion:165 Resp: 9423
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: 6.208 ng

RT: 14.710 min Scan# 1987

Delta R.T. -0.353 min

Lab File: BG053901.D

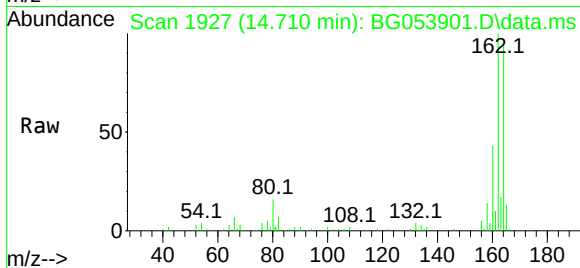
Acq: 14 Jun 2022 14:51

Instrument :

BNA_G

ClientSampleId :

EW-WMR-COMP-2



Tgt Ion:165 Resp: 9423

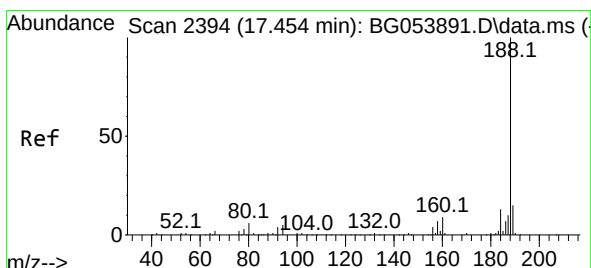
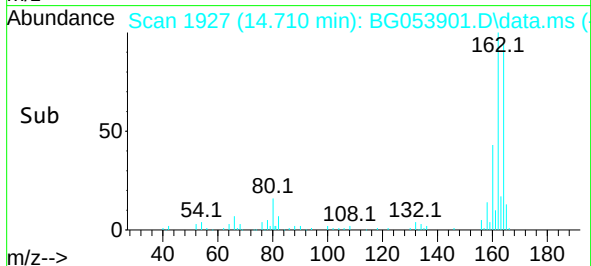
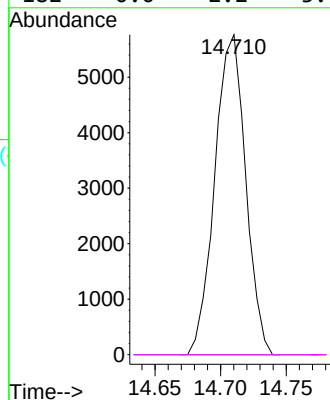
Ion Ratio Lower Upper

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: BG053901.D

Acq: 14 Jun 2022 14:51

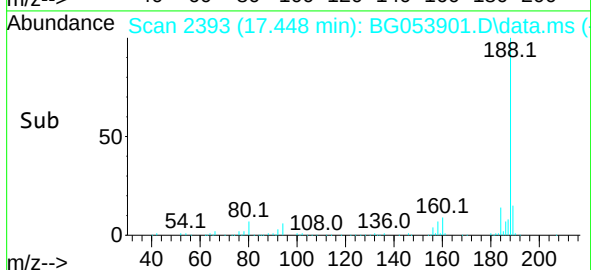
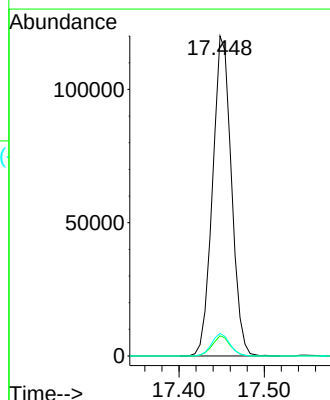
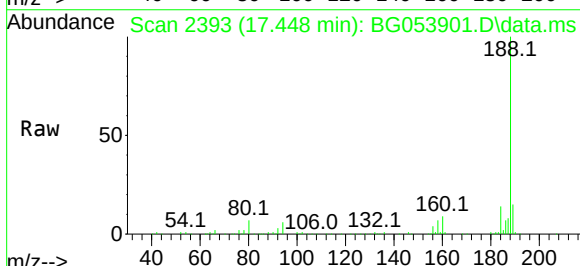
Tgt Ion:188 Resp: 184331

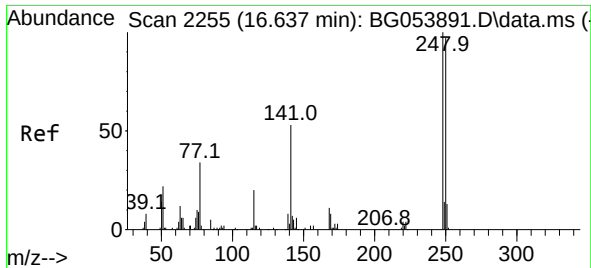
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.1 6.8 10.2

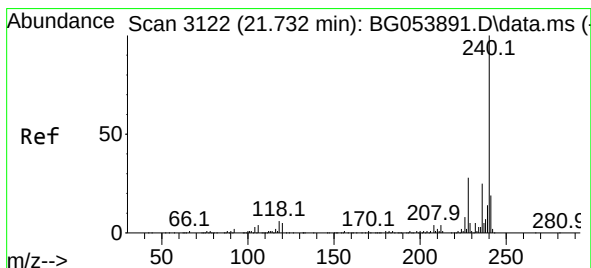
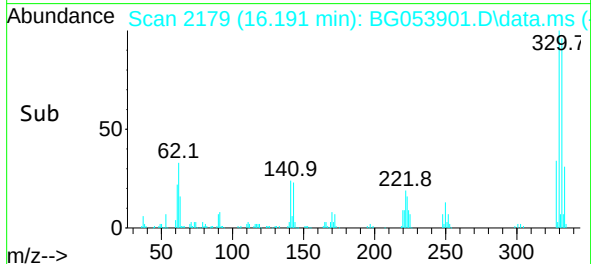
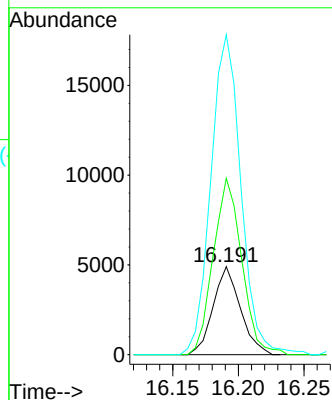
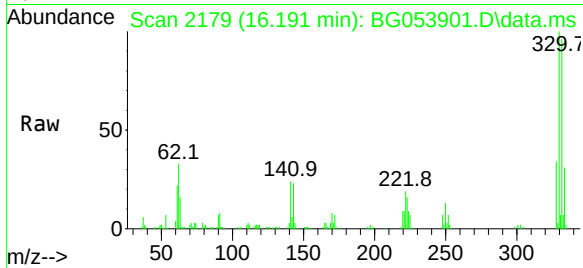




#67
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.447 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

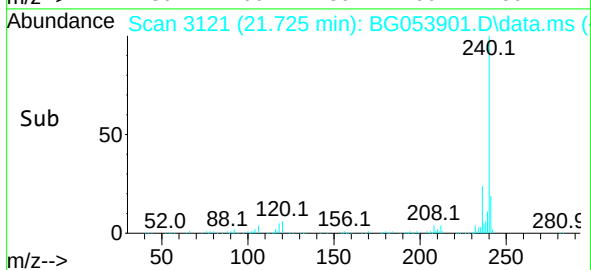
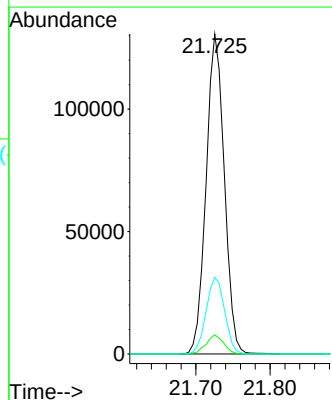
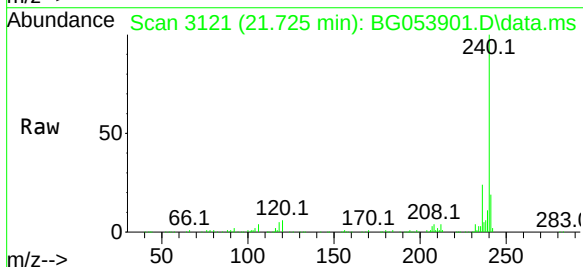
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

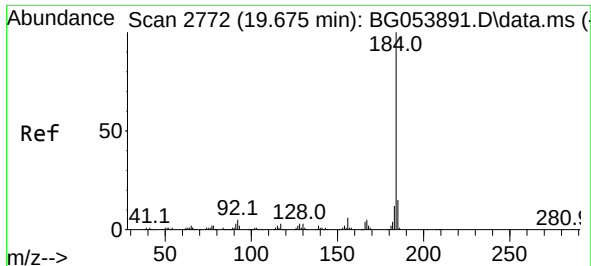
Tgt Ion:248 Resp: 7101
Ion Ratio Lower Upper
248 100
250 150.9 75.2 112.8#
141 273.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

Tgt Ion:240 Resp: 222716
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.0 20.2 30.4

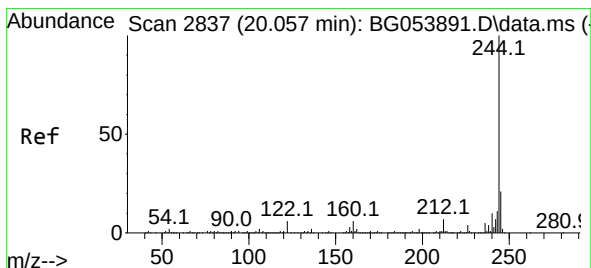
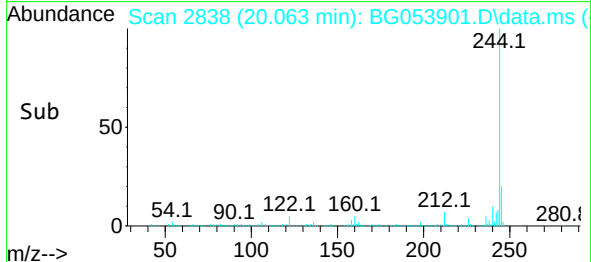
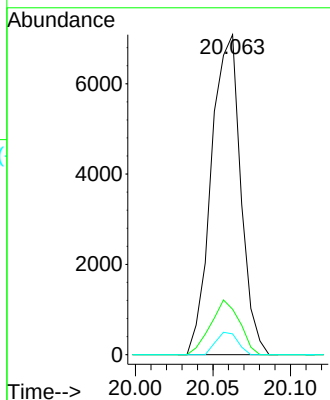
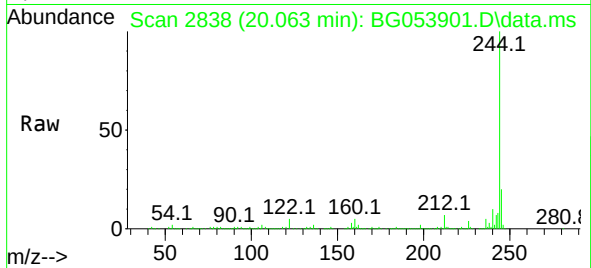




#77
Benzidine
Concen: 2.022 ng
RT: 20.063 min Scan# 21
Delta R.T. 0.388 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

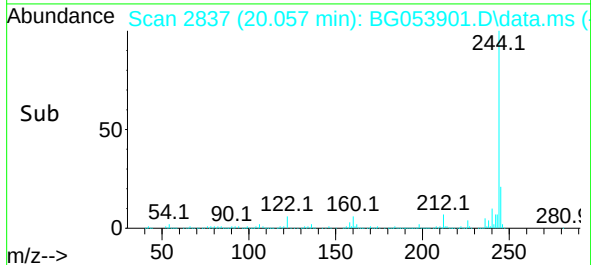
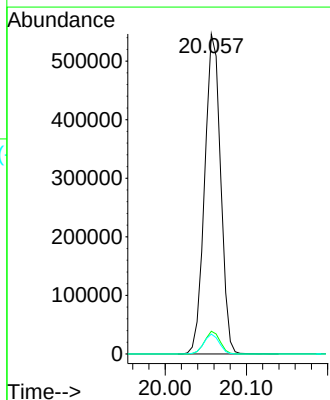
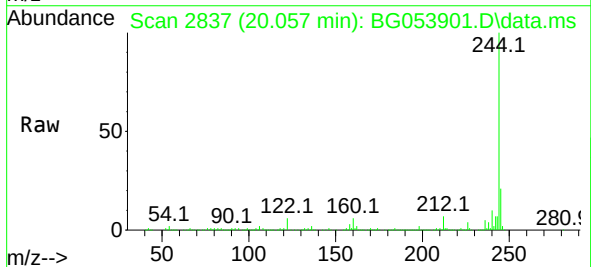
Instrument :
BNA_G
ClientSampleId :
EW-WMR-COMP-2

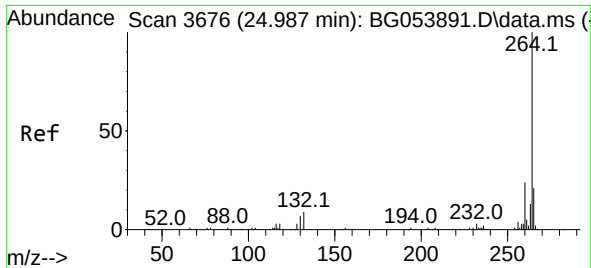
Tgt Ion:184 Resp: 9324
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 6.5 8.9 13.3#



#79
Terphenyl-d14
Concen: 67.212 ng
RT: 20.057 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG053901.D
Acq: 14 Jun 2022 14:51

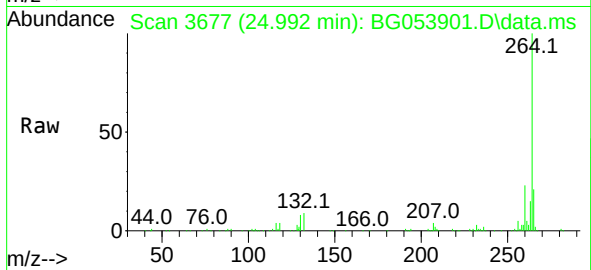
Tgt Ion:244 Resp: 743225
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG053901.D
 Acq: 14 Jun 2022 14:51

Instrument :
 BNA_G
 ClientSampleId :
 EW-WMR-COMP-2



Tgt Ion:264 Resp: 225780
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 20.6 17.4 26.2

