

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
 Data File : BG049627.D
 Acq On : 3 Aug 2021 17:08
 Operator : CG/JU
 Sample : PB138118BL
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138118BL

Quant Time: Aug 03 17:48:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 17:07:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

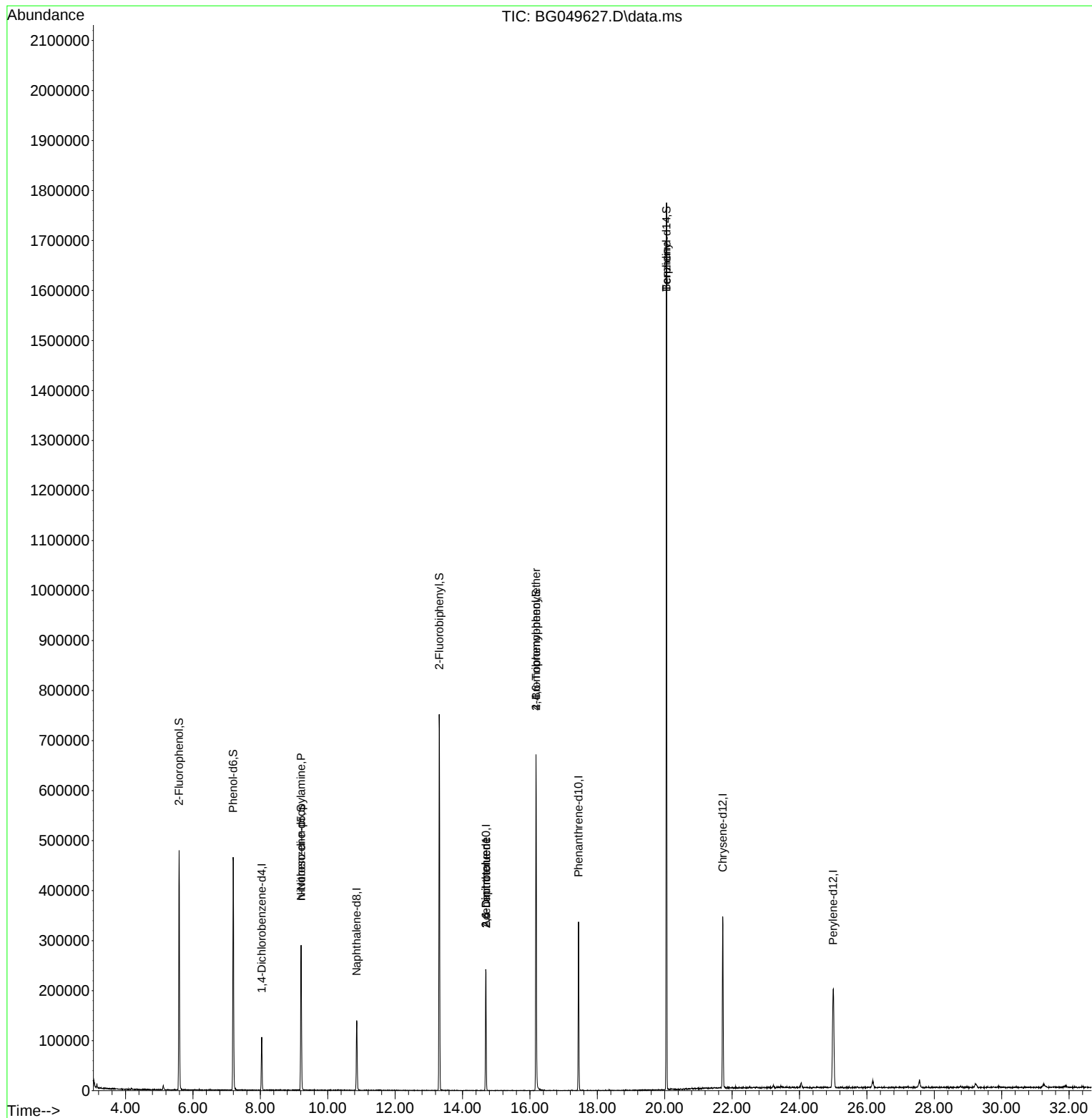
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	28493	20.000	ng	# 0.00
21) Naphthalene-d8	10.860	136	116724	20.000	ng	# 0.00
39) Acenaphthene-d10	14.696	164	87922	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	199743	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	218831	20.000	ng	0.00
86) Perylene-d12	24.999	264	224202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	184342	115.977	ng	0.00
7) Phenol-d6	7.194	99	248129	103.127	ng	0.00
23) Nitrobenzene-d5	9.209	82	179984	68.234	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	128799	99.664	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	386853	64.023	ng	0.00
79) Terphenyl-d14	20.053	244	795339	66.010	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.209	70	27773	17.249	ng	# 74
51) 2,6-Dinitrotoluene	14.696	165	12308	8.427	ng	# 10
57) 2,4-Dinitrotoluene	14.696	165	12308	6.000	ng	# 15
67) 4-Bromophenyl-phenylether	16.182	248	7866	3.344	ng	# 1
77) Benzidine	20.053	184	15769	2.812	ng	# 90

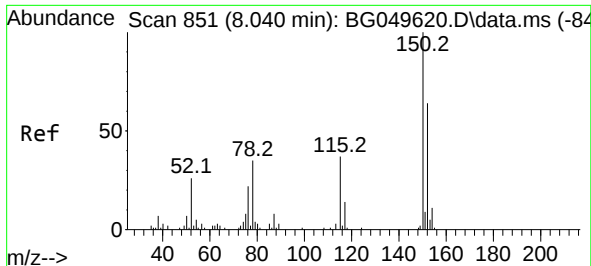
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 17:07:11 2021
Response via : Initial Calibration

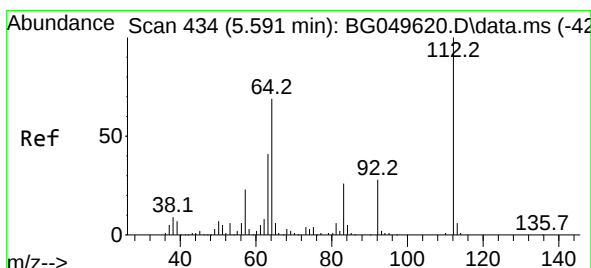
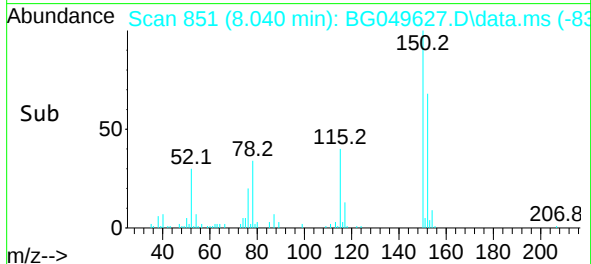
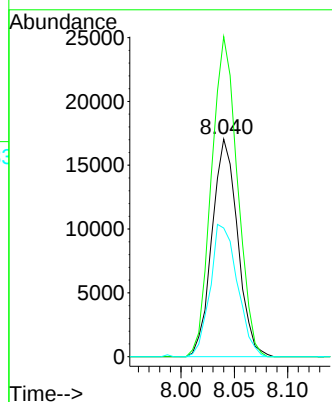
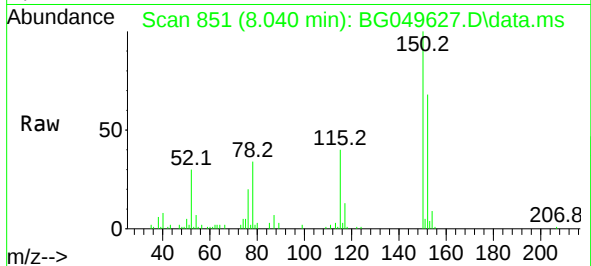




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.040 min Scan# 851
Delta R.T. 0.000 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

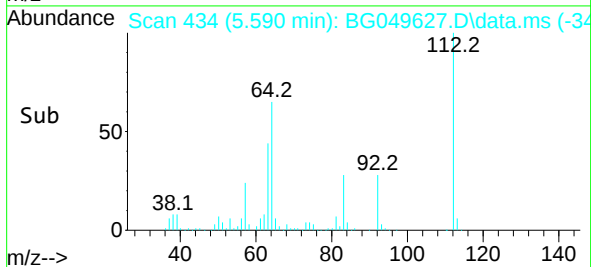
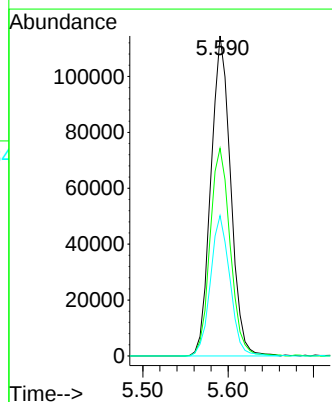
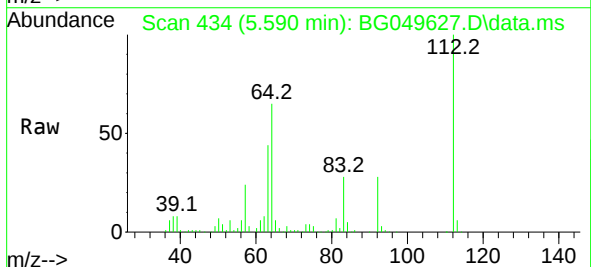
Instrument :
BNA_G
ClientSampleId :
PB138118BL

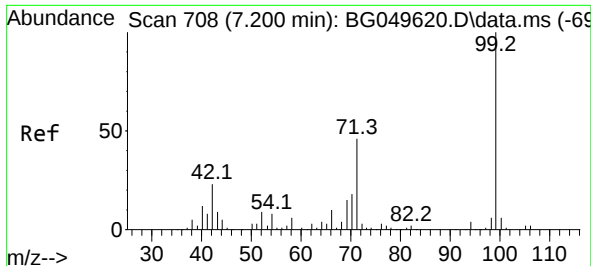
Tgt Ion:152 Resp: 28493
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 115.977 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.000 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

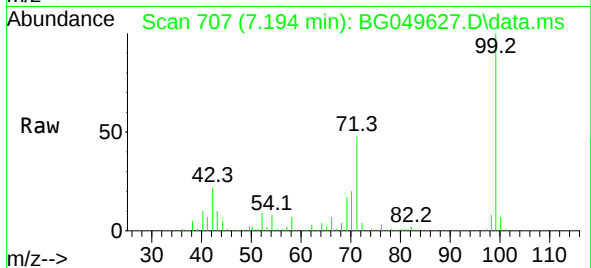
Tgt Ion:112 Resp: 184342
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 43.9 35.3 52.9



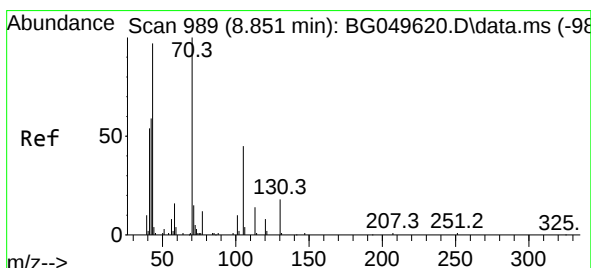
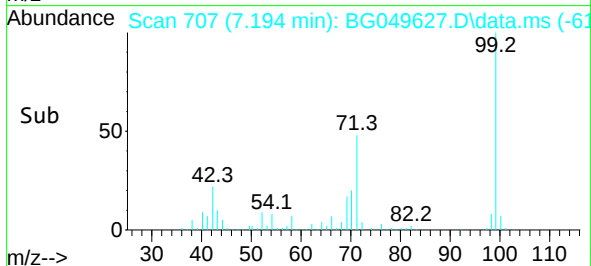
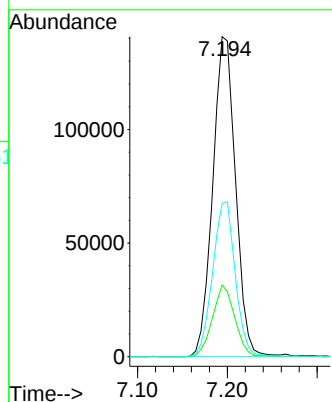


#7
Phenol-d6
Concen: 103.127 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

Instrument :
BNA_G
ClientSampleId :
PB138118BL

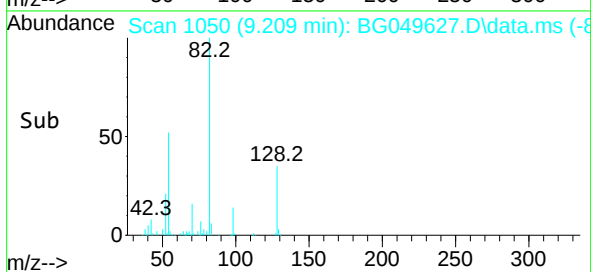
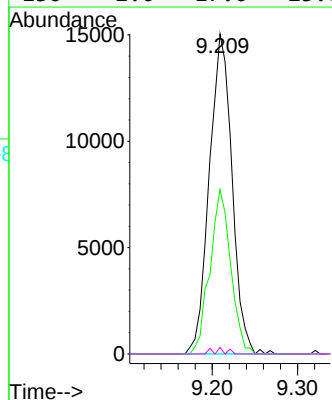
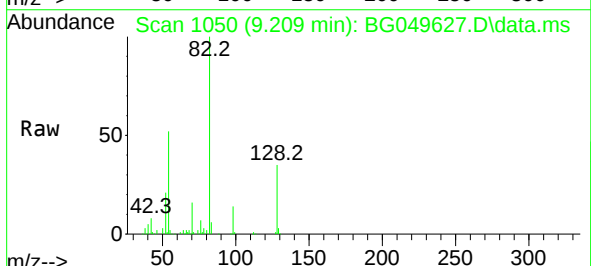


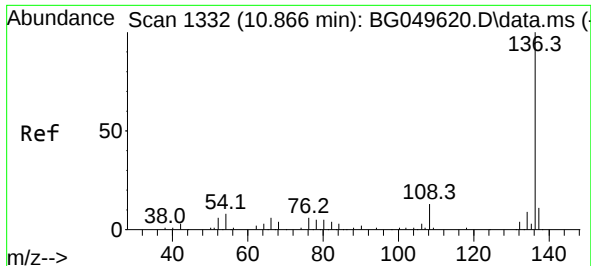
Tgt Ion: 99 Resp: 248129
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 47.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.249 ng
RT: 9.209 min Scan# 1050
Delta R.T. 0.358 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

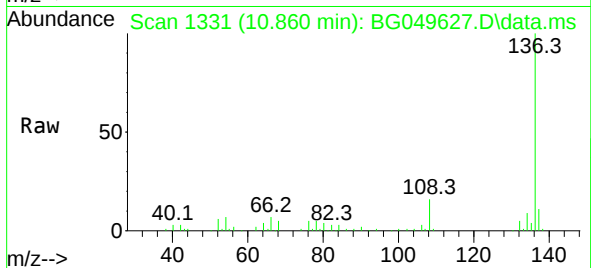
Tgt Ion: 70 Resp: 27773
Ion Ratio Lower Upper
70 100
42 51.3 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#



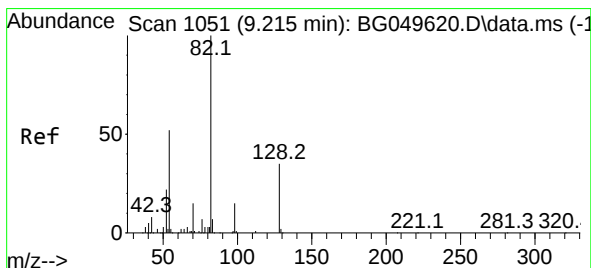
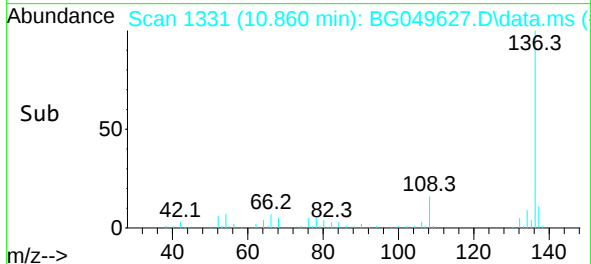
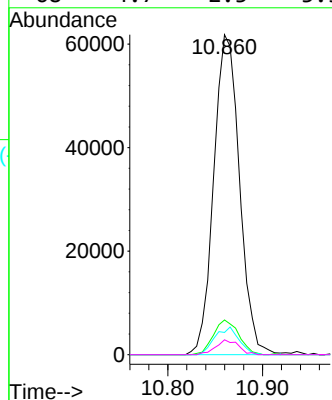


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.860 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

Instrument :
BNA_G
ClientSampleId :
PB138118BL

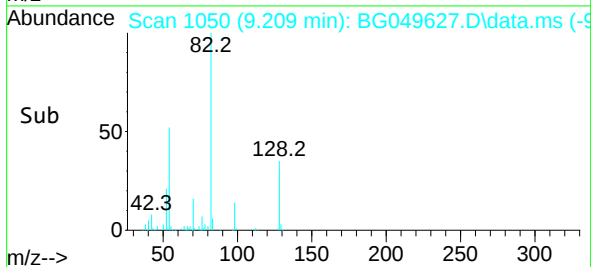
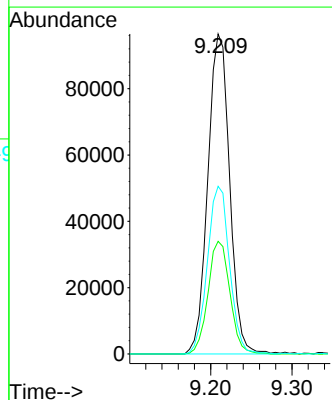
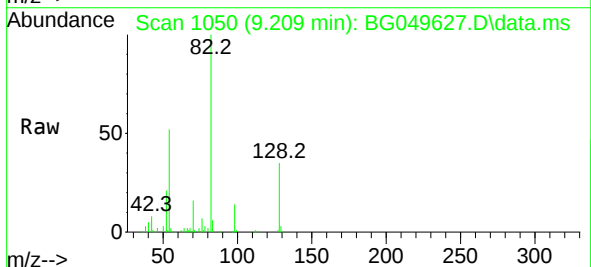


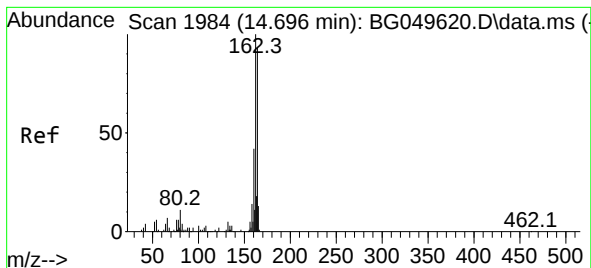
Tgt Ion:136 Resp: 116724
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.0 5.5 8.3
68 4.7 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 68.234 ng
RT: 9.209 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

Tgt Ion: 82 Resp: 179984
Ion Ratio Lower Upper
82 100
128 35.2 29.8 44.6
54 52.4 45.8 68.8

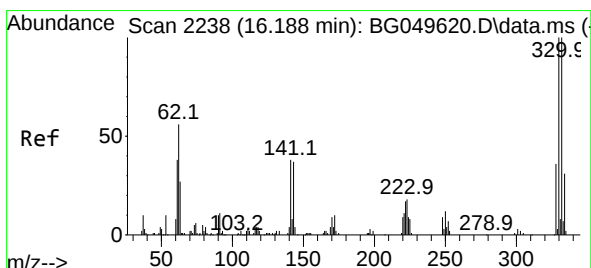
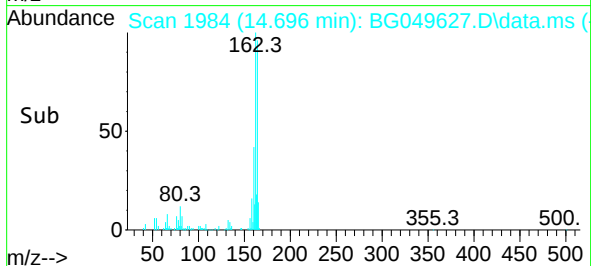
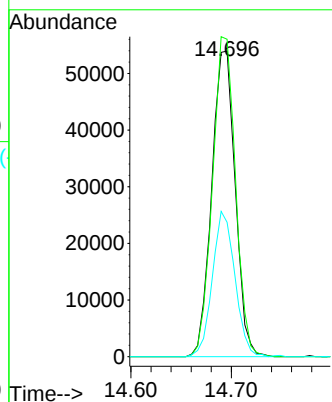
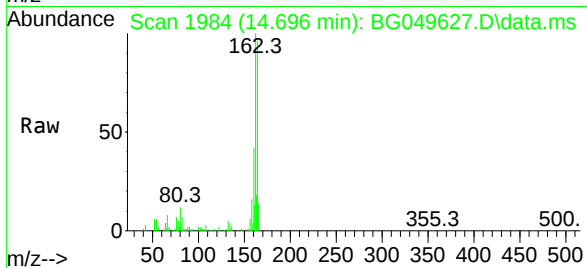




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

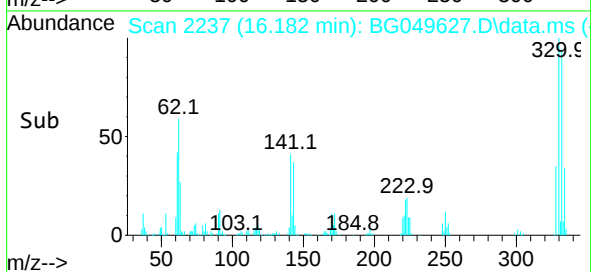
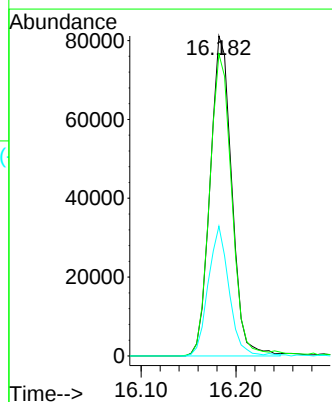
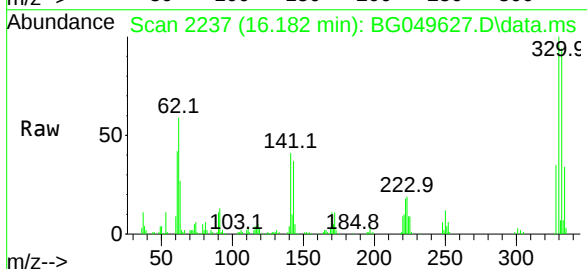
Instrument :
BNA_G
ClientSampleId :
PB138118BL

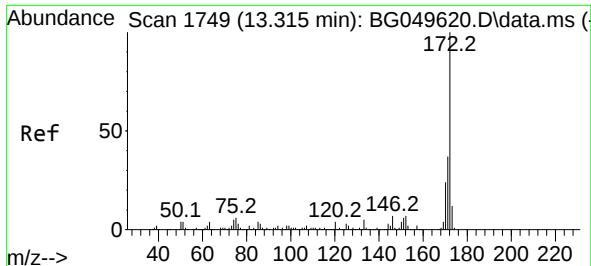
Tgt Ion:164 Resp: 87922
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 44.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 99.664 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

Tgt Ion:330 Resp: 128799
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.6 35.6 53.4

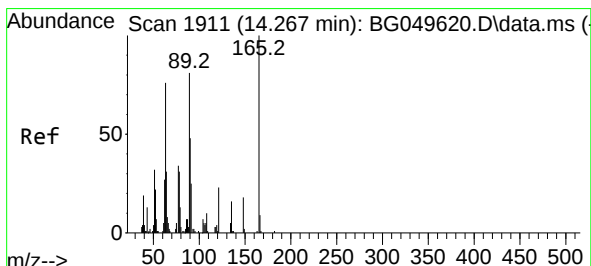
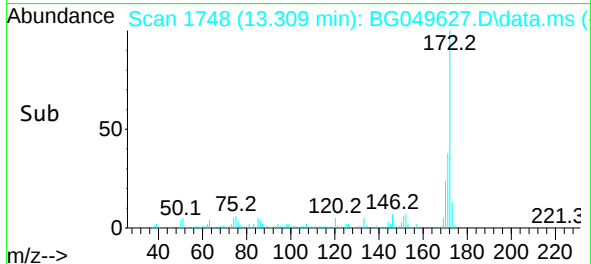
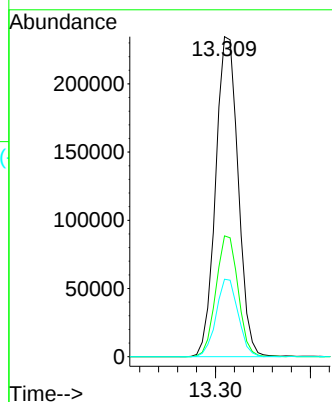
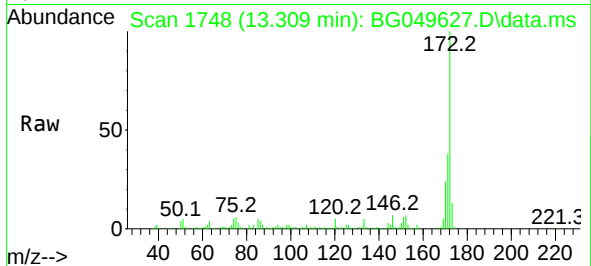




#45
2-Fluorobiphenyl
Concen: 64.023 ng
RT: 13.309 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

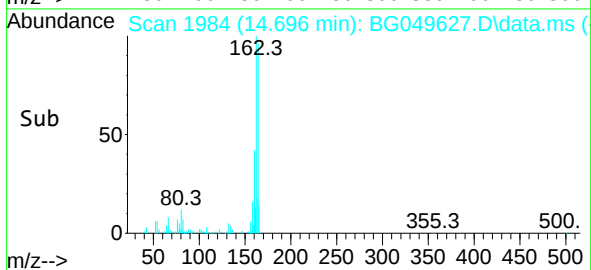
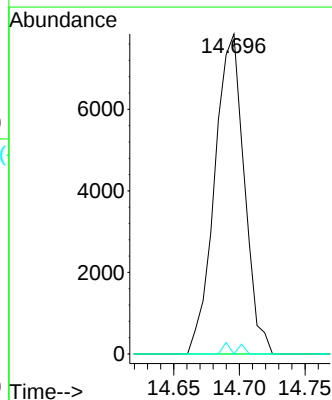
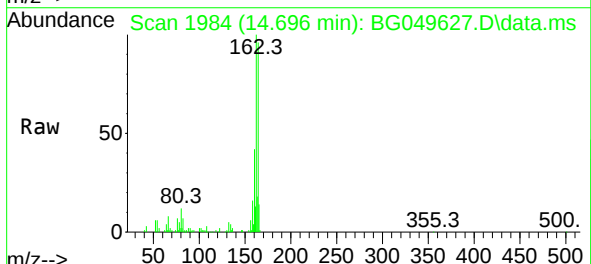
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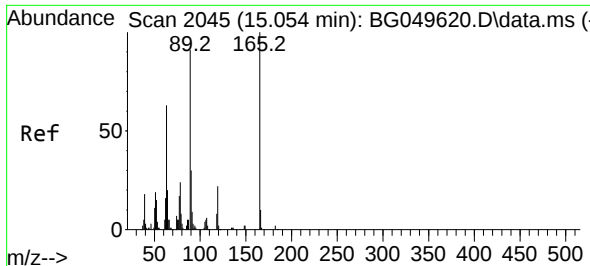
Tgt Ion:172 Resp: 386853
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 14.696 min Scan# 1984
Delta R.T. 0.429 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

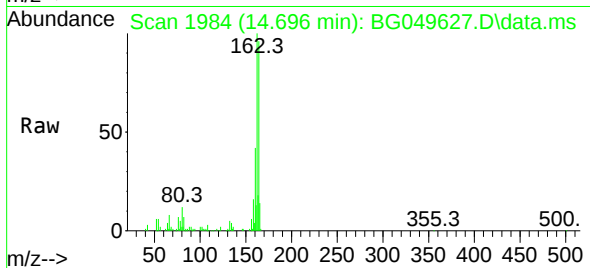
Tgt Ion:165 Resp: 12308
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



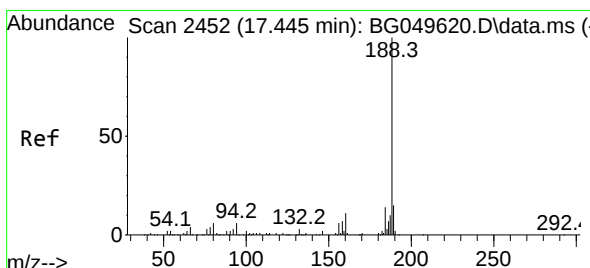
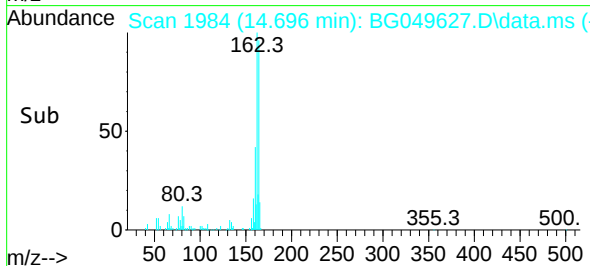
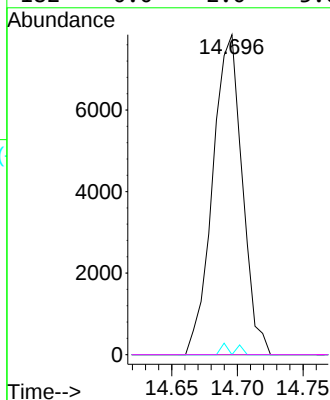


#57
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 14.696 min Scan# 1984
Delta R.T. -0.359 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

Instrument :
BNA_G
ClientSampleId :
PB138118BL

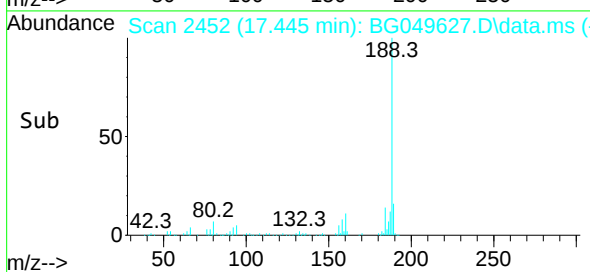
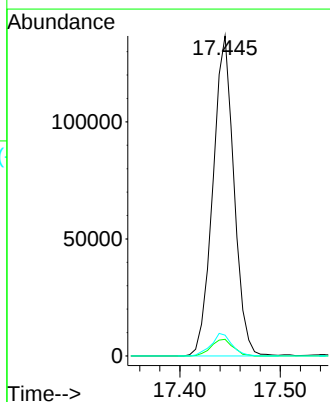
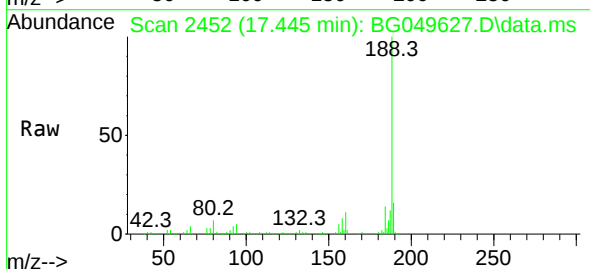


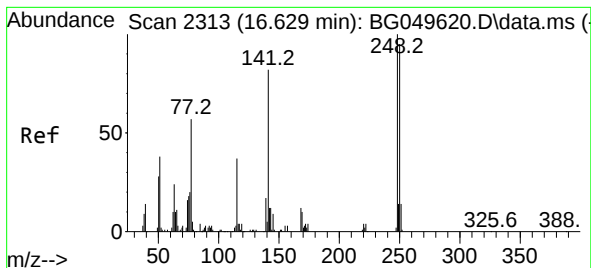
Tgt Ion:165 Resp: 12308
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

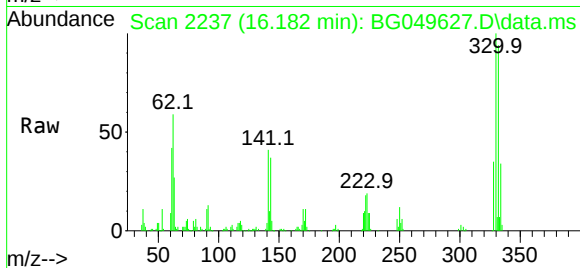
Tgt Ion:188 Resp: 199743
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.5 3.7 5.5#



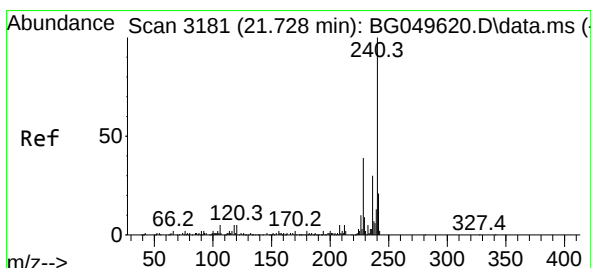
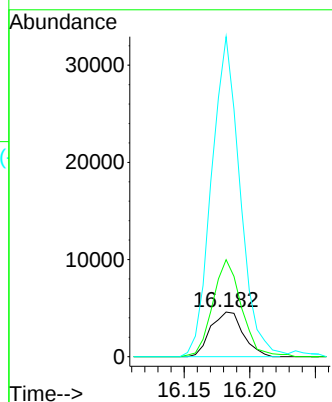
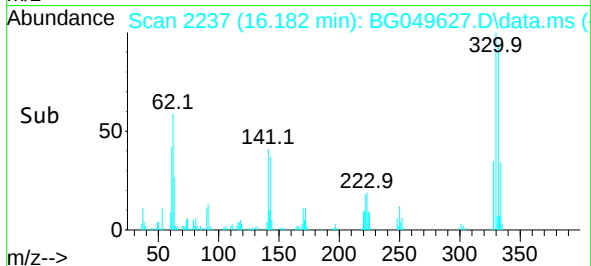


#67
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.447 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

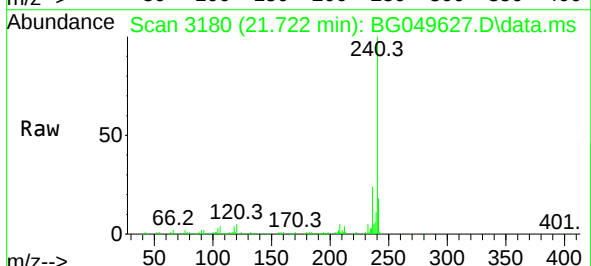
Instrument :
BNA_G
ClientSampleId :
PB138118BL



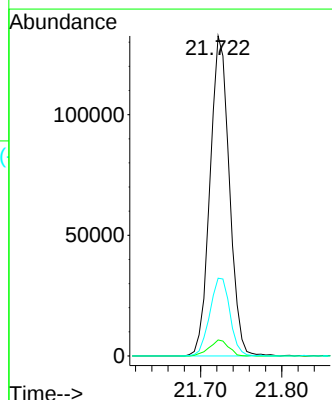
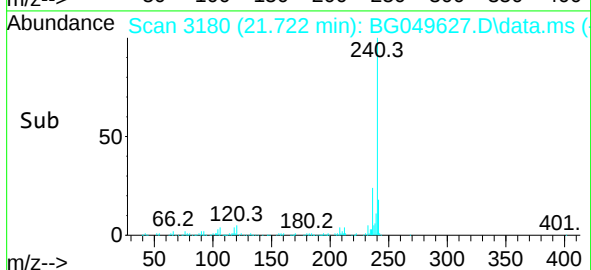
Tgt Ion:248 Resp: 7866
Ion Ratio Lower Upper
248 100
250 217.2 76.1 114.1#
141 716.9 65.4 98.2#

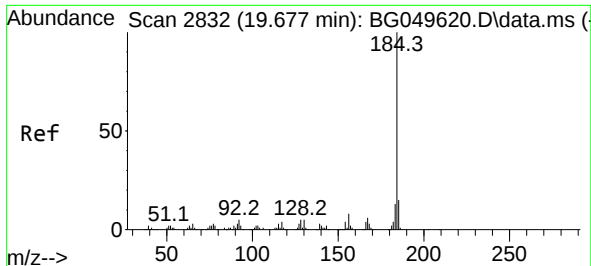


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08



Tgt Ion:240 Resp: 218831
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.3 21.8 32.6

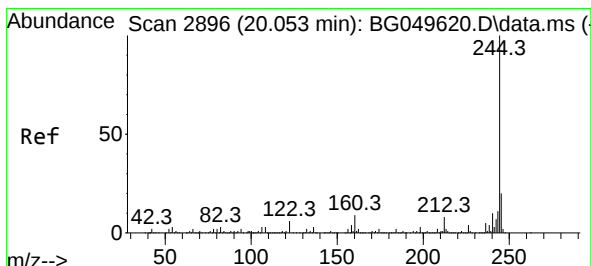
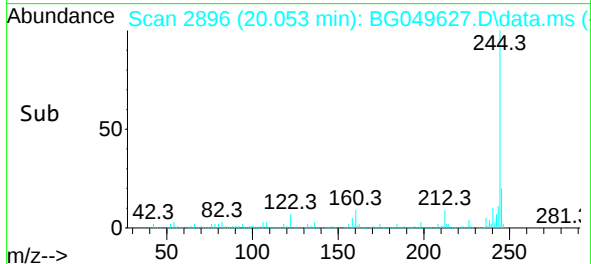
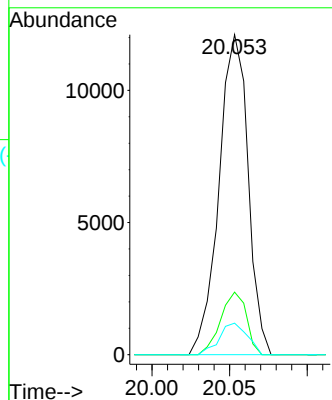
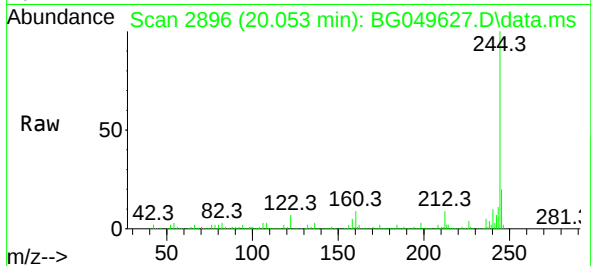




#77
Benzidine
Concen: 2.812 ng
RT: 20.053 min Scan# 2896
Delta R.T. 0.376 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

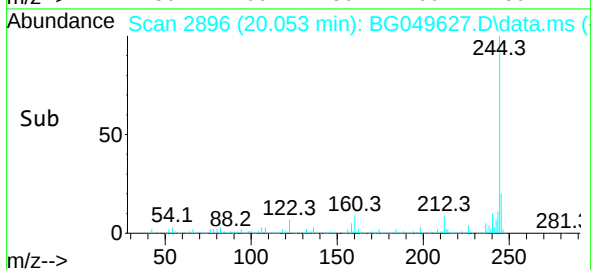
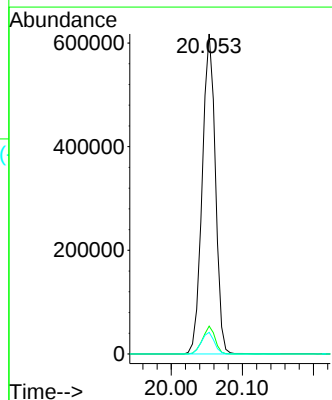
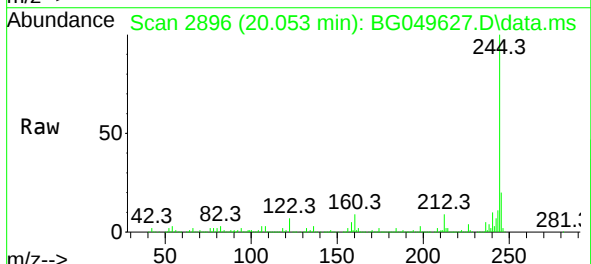
Instrument :
BNA_G
ClientSampleId :
PB138118BL

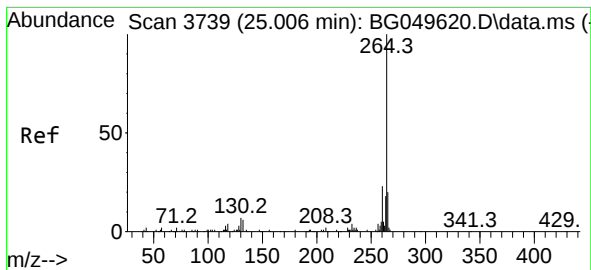
Tgt Ion:184 Resp: 15769
Ion Ratio Lower Upper
184 100
185 19.6 10.7 16.1#
183 9.9 9.4 14.0



#79
Terphenyl-d14
Concen: 66.010 ng
RT: 20.053 min Scan# 2896
Delta R.T. -0.000 min
Lab File: BG049627.D
Acq: 3 Aug 2021 17:08

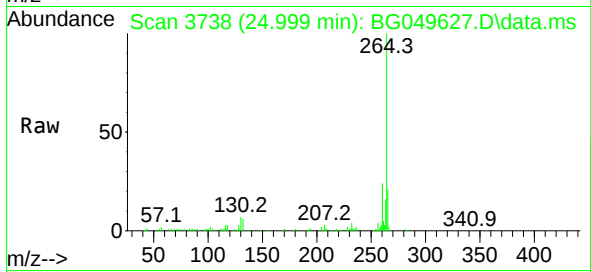
Tgt Ion:244 Resp: 795339
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 6.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 3738
 Delta R.T. -0.006 min
 Lab File: BG049627.D
 Acq: 3 Aug 2021 17:08

Instrument :
 BNA_G
 ClientSampleId :
 PB138118BL



Tgt Ion:264 Resp: 224202

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.1	16.9	25.3

