

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049812.D
 Acq On : 12 Aug 2021 10:46
 Operator : CG/JU
 Sample : PB138328BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138328BL

Quant Time: Aug 12 12:02:38 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 15:15:33 2021
 Response via : Initial Calibration

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

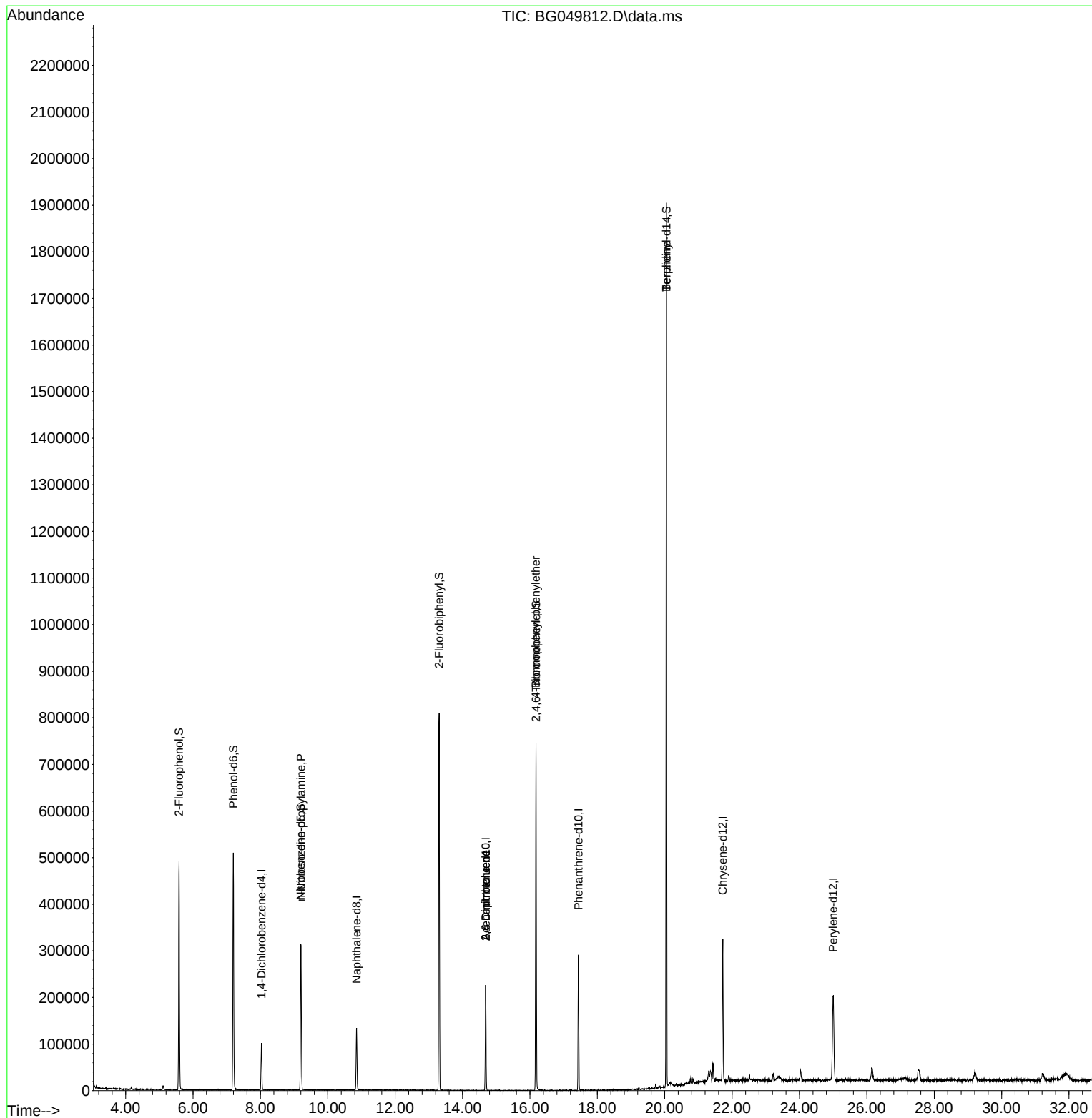
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	27889	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	112683	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	81010	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	184788	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	178137	20.000	ng	0.00
86) Perylene-d12	25.002	264	179262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	201963	129.815	ng	0.00
7) Phenol-d6	7.196	99	270785	114.981	ng	0.00
23) Nitrobenzene-d5	9.200	82	193814	76.112	ng	-0.02
42) 2,4,6-Tribromophenol	16.184	330	148445	124.666	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	429751	77.191	ng	0.00
79) Terphenyl-d14	20.050	244	834930	85.126	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.205	70	31284	19.851	ng	# 70
51) 2,6-Dinitrotoluene	14.686	165	10861	8.071	ng	# 10
57) 2,4-Dinitrotoluene	14.686	165	10861	5.746	ng	# 15
67) 4-Bromophenyl-phenylether	16.178	248	9344	4.294	ng	# 1
77) Benzidine	20.050	184	16972	3.718	ng	# 85

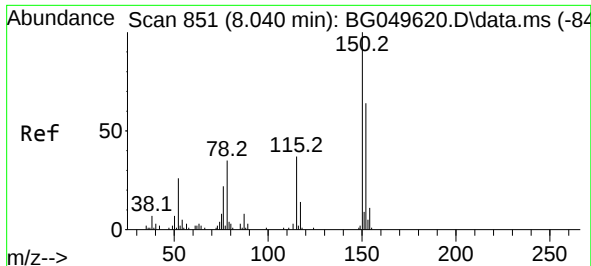
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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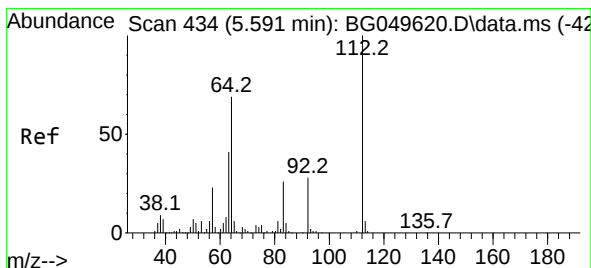
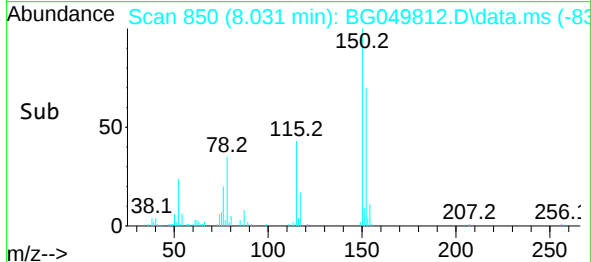
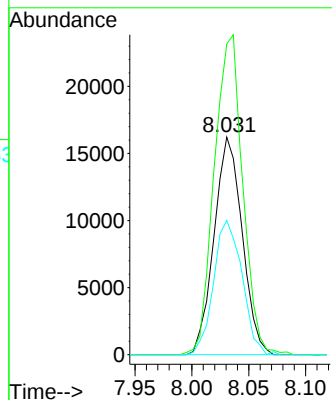
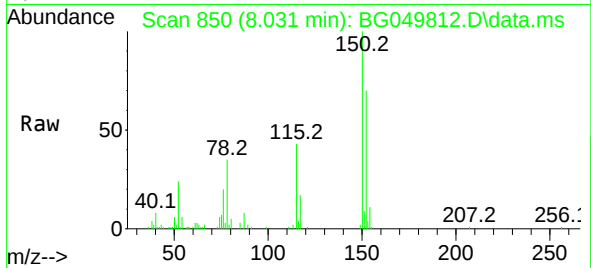




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. -0.009 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

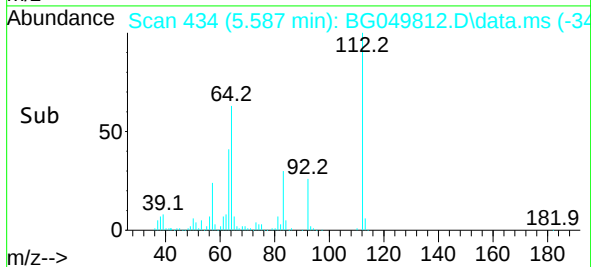
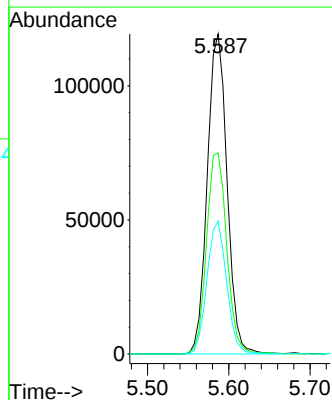
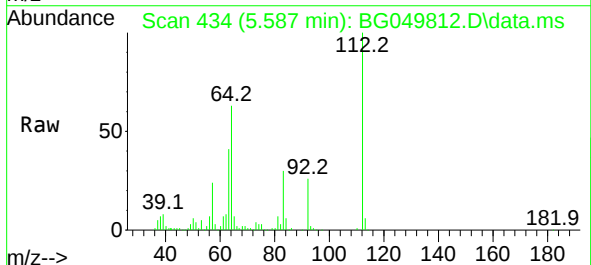
Instrument :
BNA_G
ClientSampleId :
PB138328BL

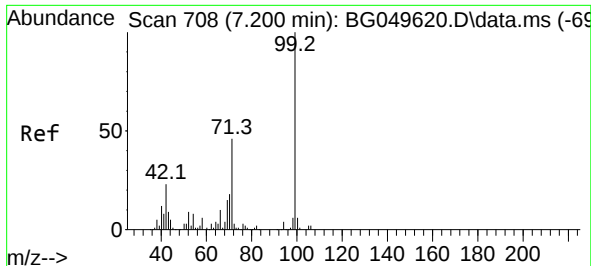
Tgt Ion:152 Resp: 27889
Ion Ratio Lower Upper
152 100
150 142.7 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 129.815 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:112 Resp: 201963
Ion Ratio Lower Upper
112 100
64 62.9 46.7 70.1
63 41.5 35.3 52.9

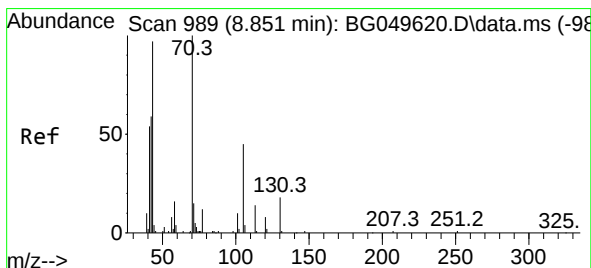
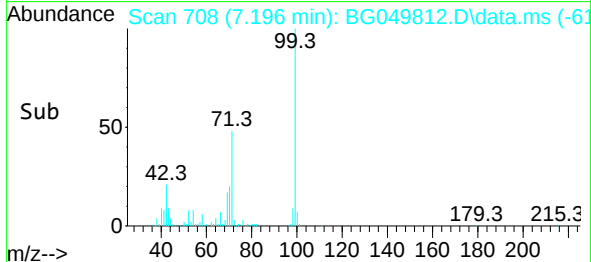
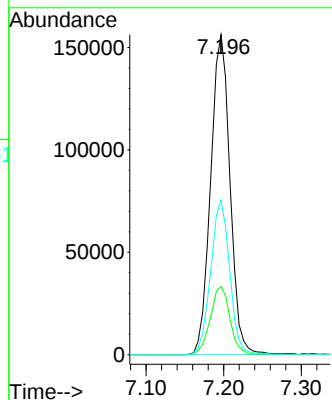
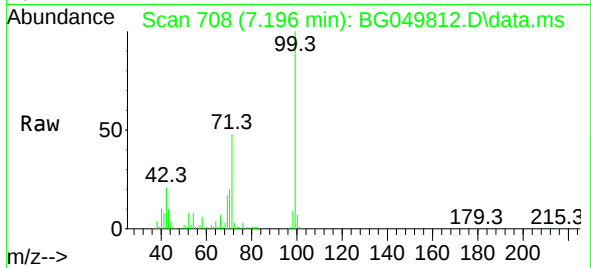




#7
Phenol-d6
Concen: 114.981 ng
RT: 7.196 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

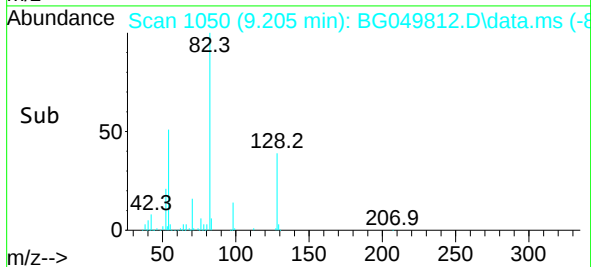
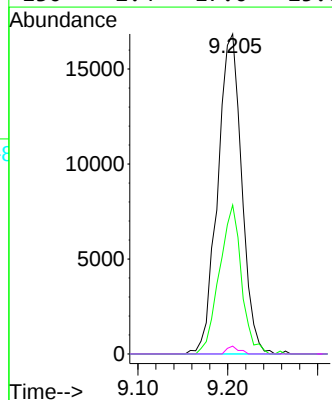
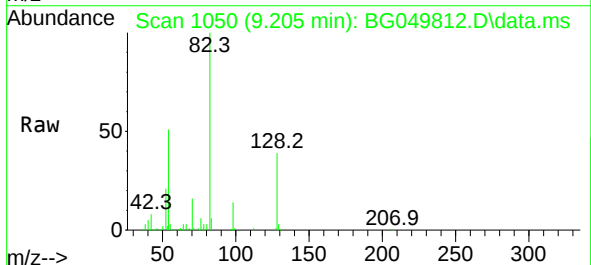
Instrument :
BNA_G
ClientSampleId :
PB138328BL

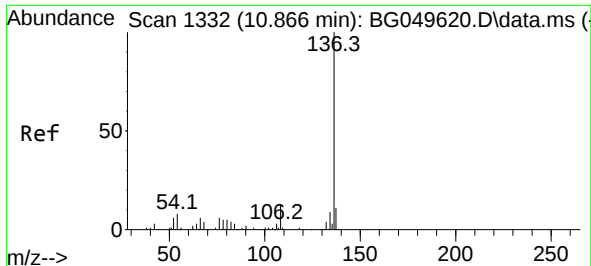
Tgt Ion: 99 Resp: 270785
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 48.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.851 ng
RT: 9.205 min Scan# 1050
Delta R.T. 0.355 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion: 70 Resp: 31284
Ion Ratio Lower Upper
70 100
42 46.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#

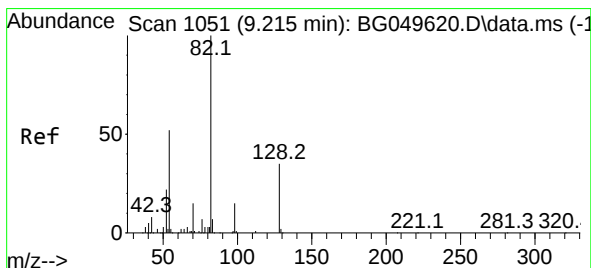
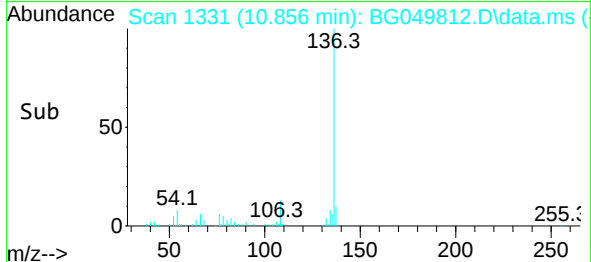
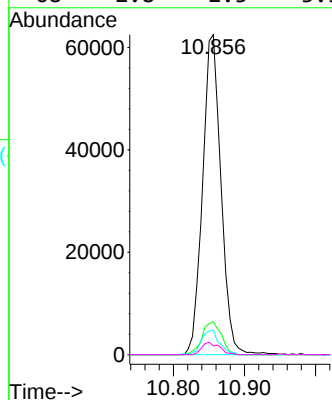
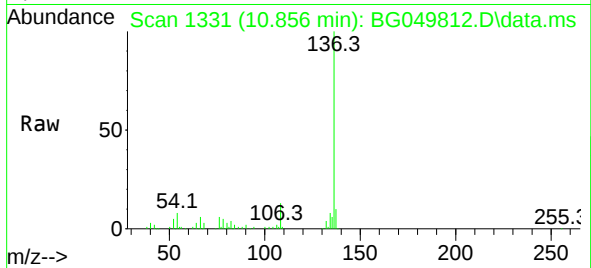




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

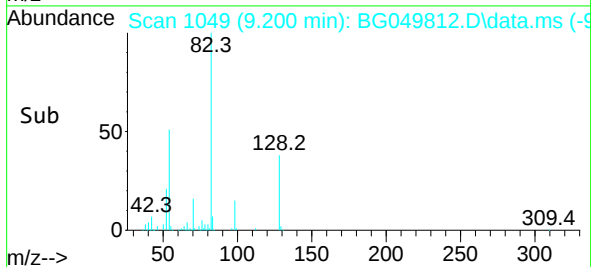
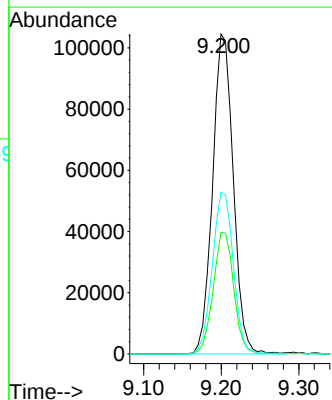
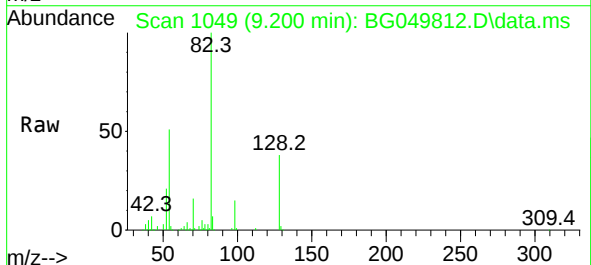
Instrument :
BNA_G
ClientSampleId :
PB138328BL

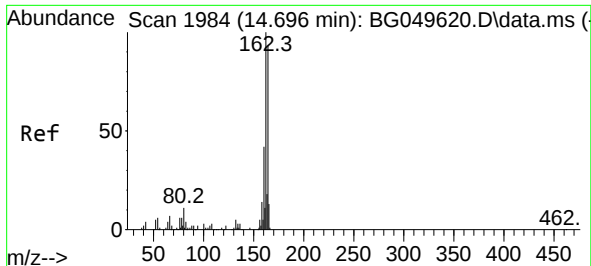
Tgt Ion:	136	Resp:	112683
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.7	5.5	8.3
68	2.8	2.3	3.5



#23
Nitrobenzene-d5
Concen: 76.112 ng
RT: 9.200 min Scan# 1049
Delta R.T. -0.016 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:	82	Resp:	193814
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.8	44.6
54	50.6	45.8	68.8

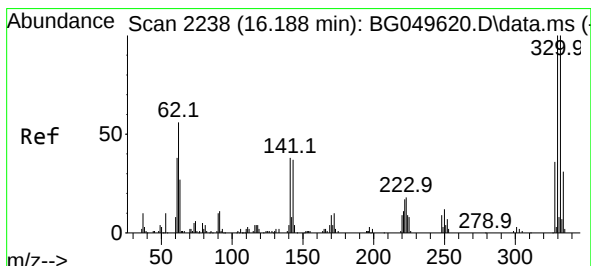
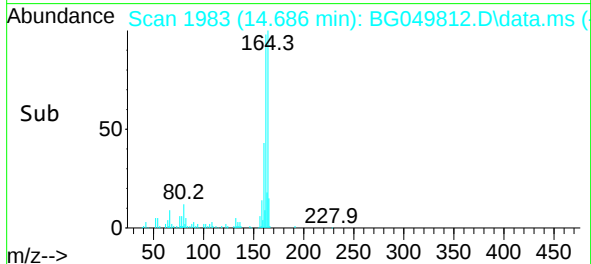
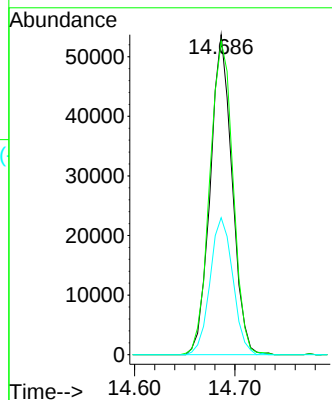
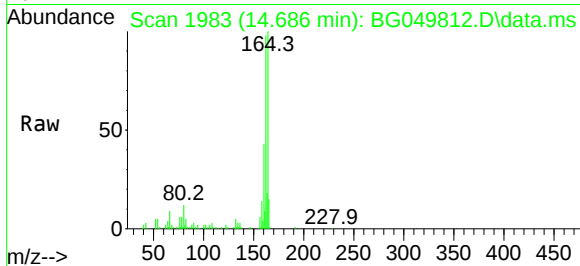




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

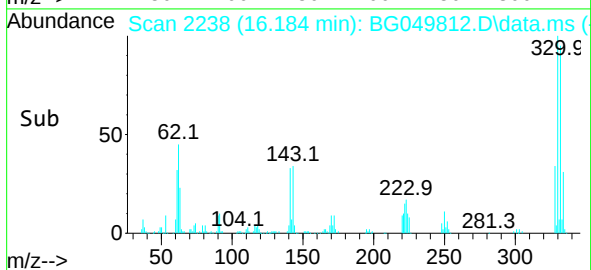
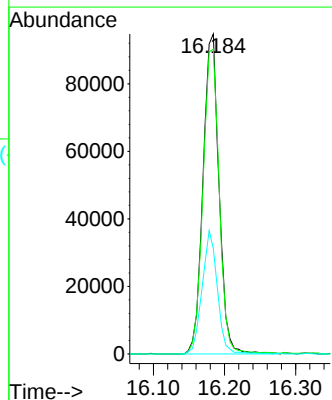
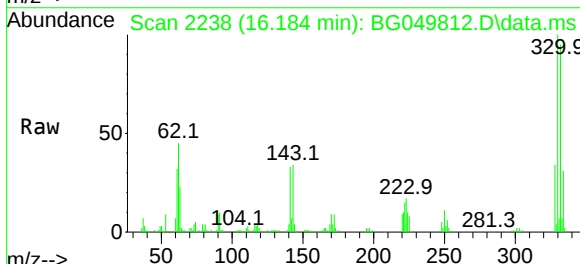
Instrument :
BNA_G
ClientSampleId :
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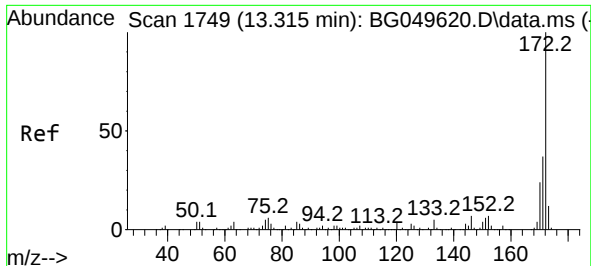
Tgt Ion:164 Resp: 81010
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 42.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 124.666 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:330 Resp: 148445
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 36.7 35.6 53.4

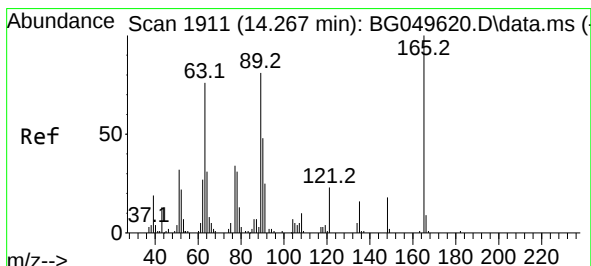
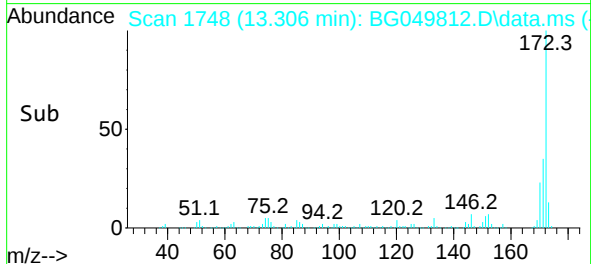
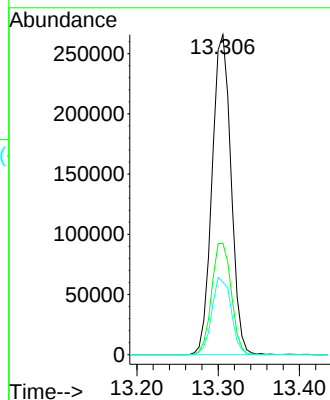
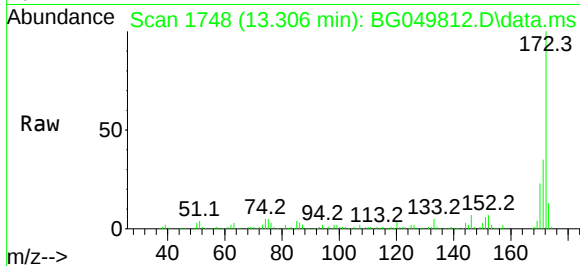




#45
2-Fluorobiphenyl
Concen: 77.191 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

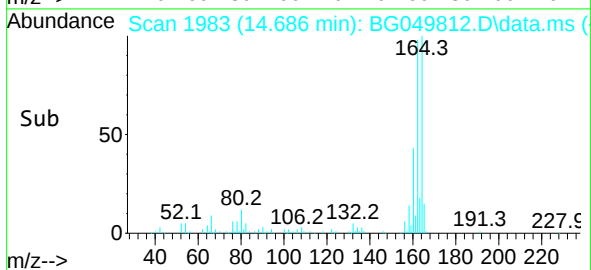
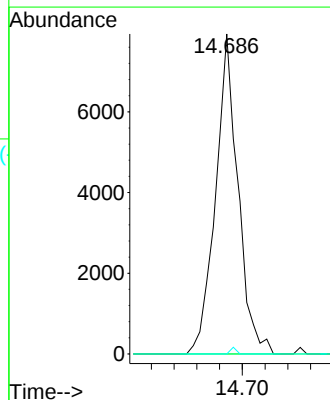
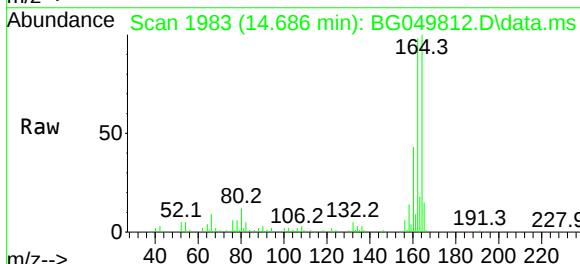
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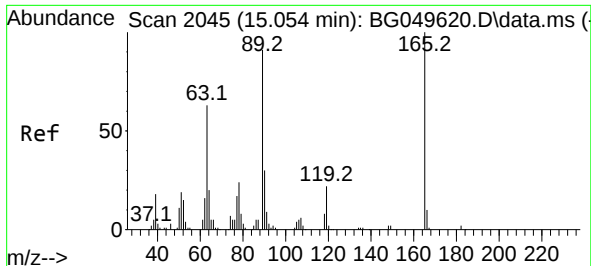
Tgt Ion:172 Resp: 429751
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.071 ng
RT: 14.686 min Scan# 1983
Delta R.T. 0.419 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:165 Resp: 10861
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

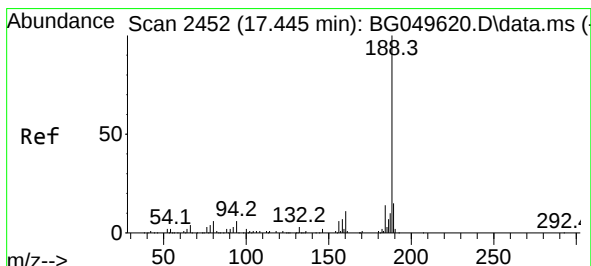
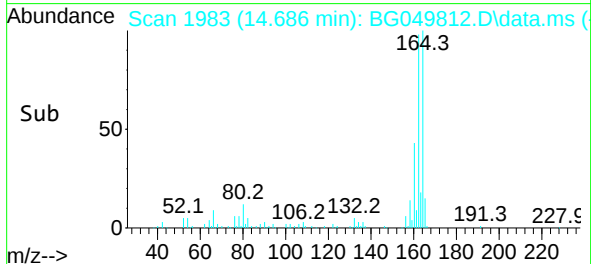
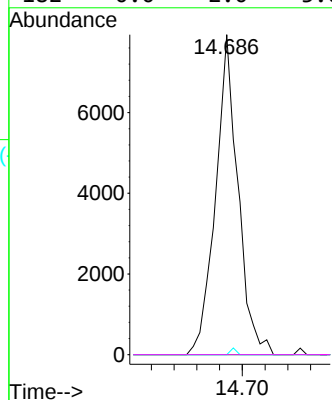
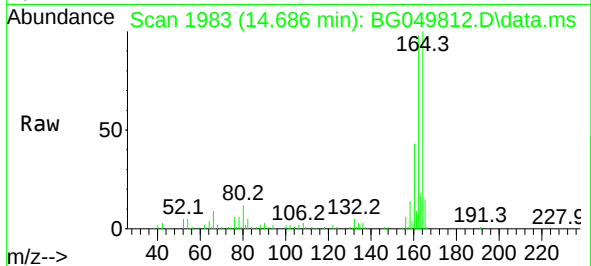




#57
2,4-Dinitrotoluene
Concen: 5.746 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.368 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

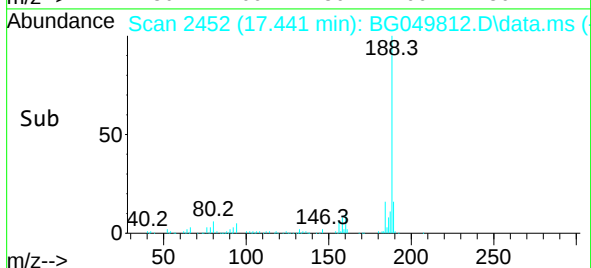
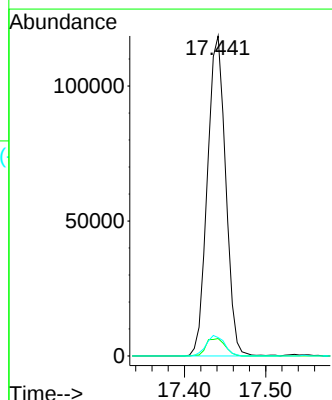
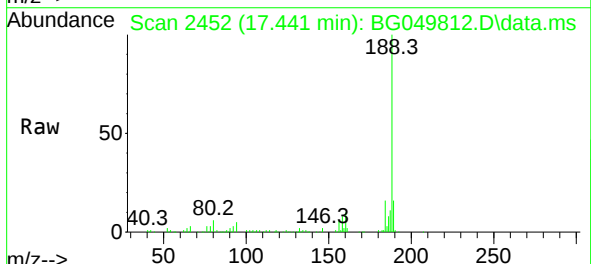
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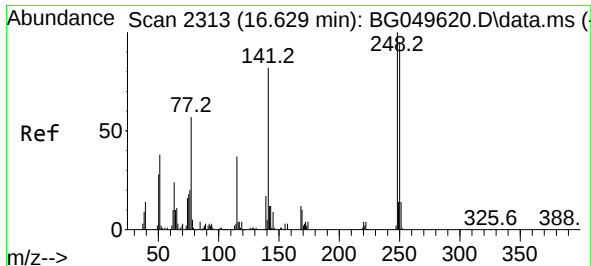
Tgt Ion:165 Resp: 10861
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:188 Resp: 184788
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.8 3.7 5.5#

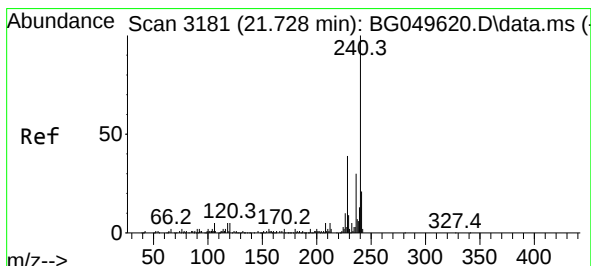
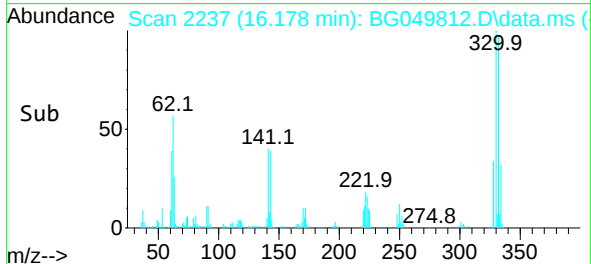
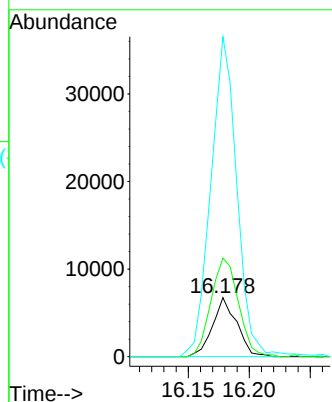
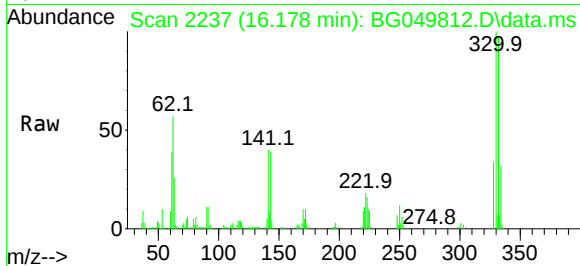




#67
4-Bromophenyl-phenylether
Concen: 4.294 ng
RT: 16.178 min Scan# 2237
Delta R.T. -0.450 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

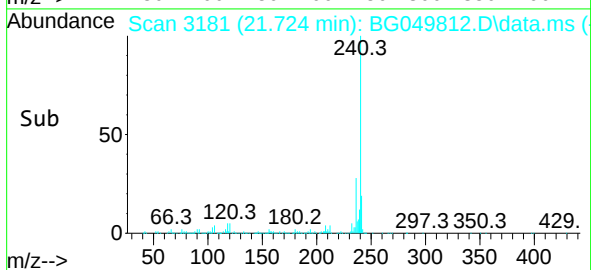
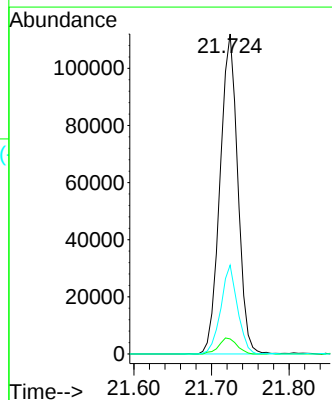
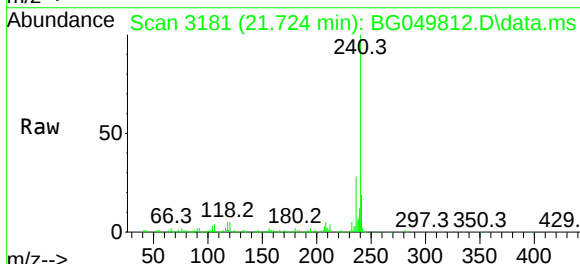
Instrument :
BNA_G
ClientSampleId :
PB138328BL

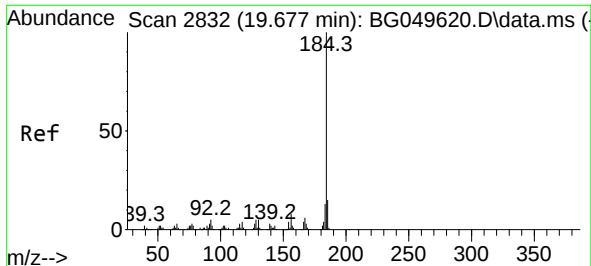
Tgt Ion:248 Resp: 9344
Ion Ratio Lower Upper
248 100
250 166.8 76.1 114.1#
141 541.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:240 Resp: 178137
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 27.7 21.8 32.6

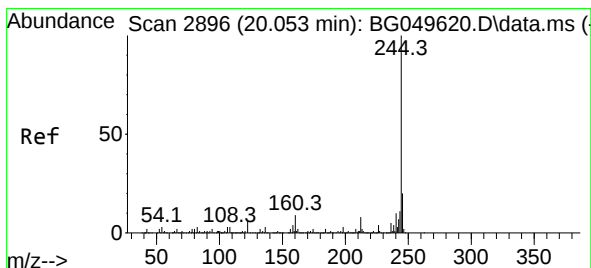
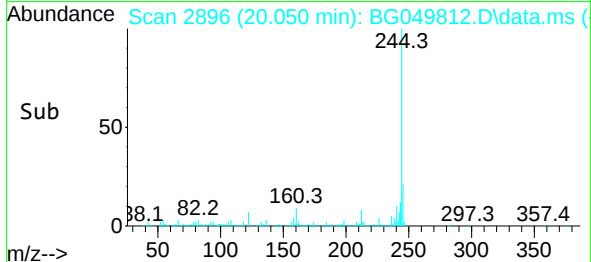
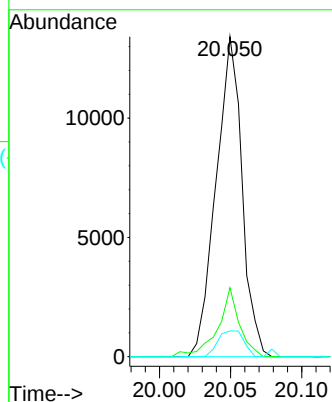
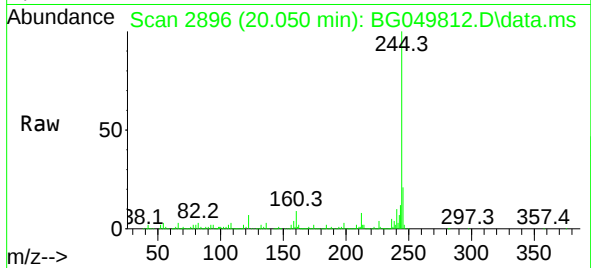




#77
Benzidine
Concen: 3.718 ng
RT: 20.050 min Scan# 2896
Delta R.T. 0.372 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

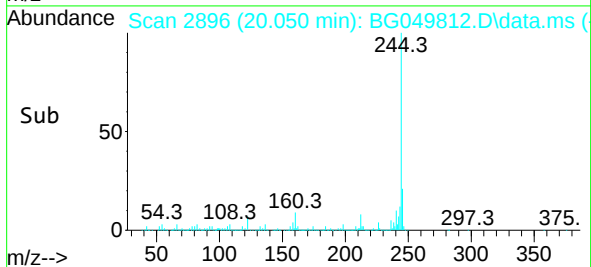
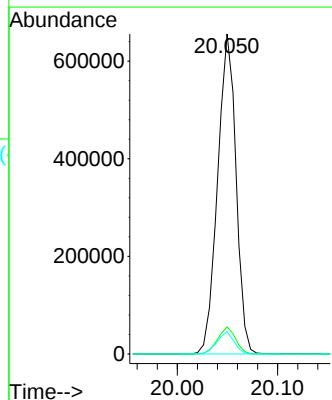
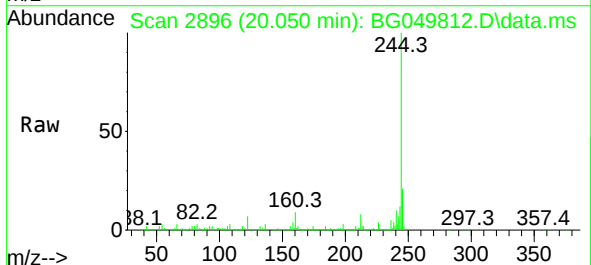
Instrument :
BNA_G
ClientSampleId :
PB138328BL

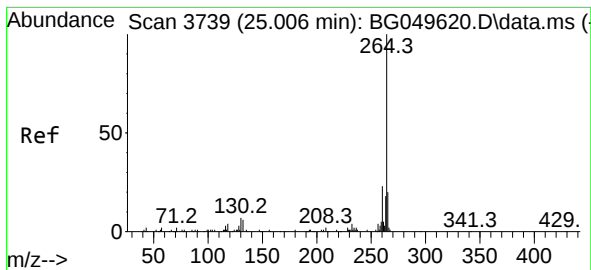
Tgt Ion:184 Resp: 16972
Ion Ratio Lower Upper
184 100
185 21.6 10.7 16.1#
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.126 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.004 min
Lab File: BG049812.D
Acq: 12 Aug 2021 10:46

Tgt Ion:244 Resp: 834930
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.002 min Scan# 3739
 Delta R.T. -0.004 min
 Lab File: BG049812.D
 Acq: 12 Aug 2021 10:46

Instrument :
 BNA_G
 ClientSampleId :
 PB138328BL

Tgt Ion:264 Resp: 179262
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.4 16.9 25.3

