

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049846.D
 Acq On : 16 Aug 2021 11:43
 Operator : CG/JU
 Sample : PB138335TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138335TB

Quant Time: Aug 16 13:11:34 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)

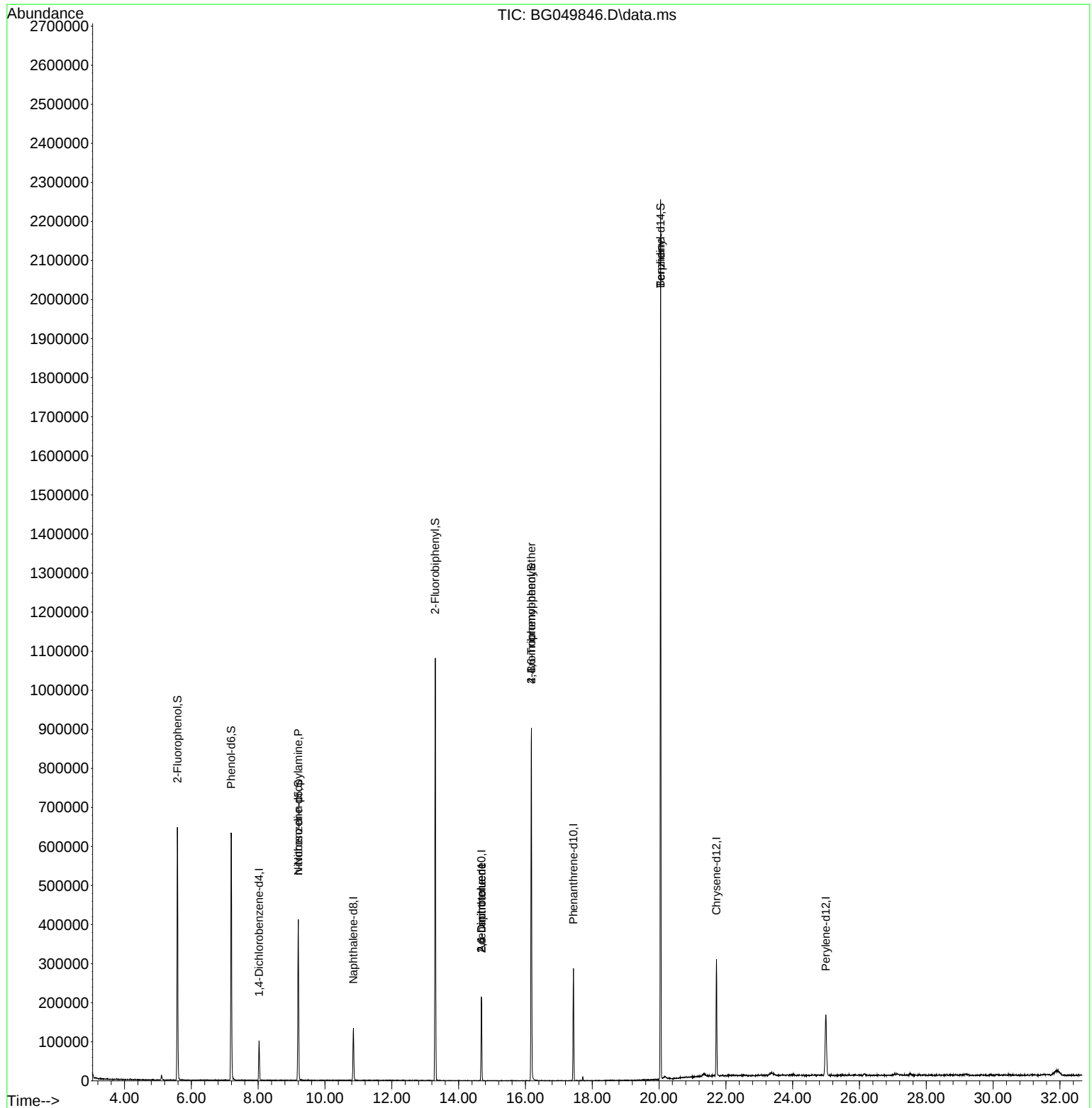
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	27278	20.000	ng	-0.02
21) Naphthalene-d8	10.850	136	113741	20.000	ng	#-0.02
39) Acenaphthene-d10	14.681	164	77665	20.000	ng	-0.02
64) Phenanthrene-d10	17.436	188	177261	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	179557	20.000	ng	0.00
86) Perylene-d12	24.990	264	175099	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	262376	172.424	ng	0.00
7) Phenol-d6	7.191	99	343484	149.117	ng	0.00
23) Nitrobenzene-d5	9.200	82	251285	97.763	ng	-0.02
42) 2,4,6-Tribromophenol	16.179	330	181834	159.284	ng	0.00
45) 2-Fluorobiphenyl	13.300	172	547485	102.573	ng	-0.02
79) Terphenyl-d14	20.044	244	1056025	106.816	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	36725	23.825	ng	# 72
51) 2,6-Dinitrotoluene	14.681	165	10461	8.108	ng	# 13
57) 2,4-Dinitrotoluene	14.681	165	10461	5.773	ng	# 18
67) 4-Bromophenyl-phenylether	16.179	248	10982	5.260	ng	# 1
77) Benzidine	20.044	184	20038	4.355	ng	# 90

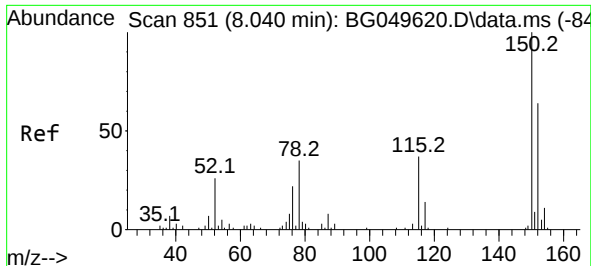
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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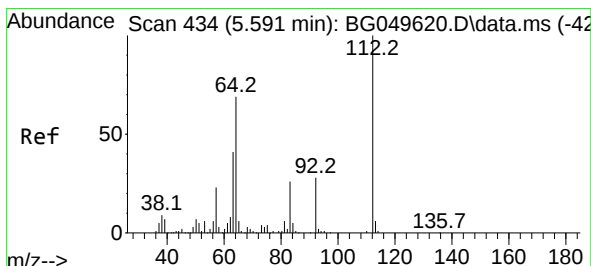
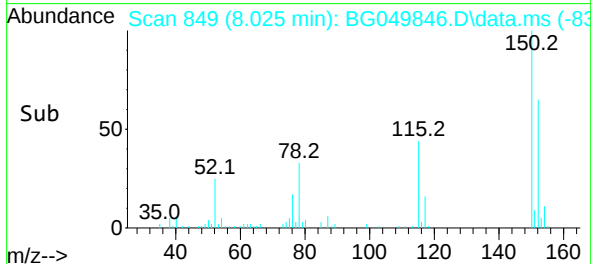
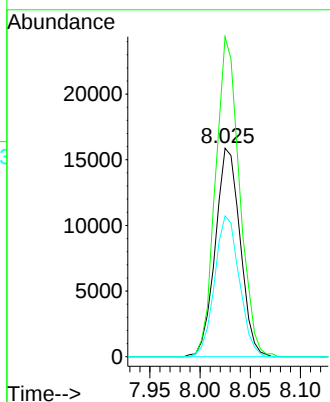
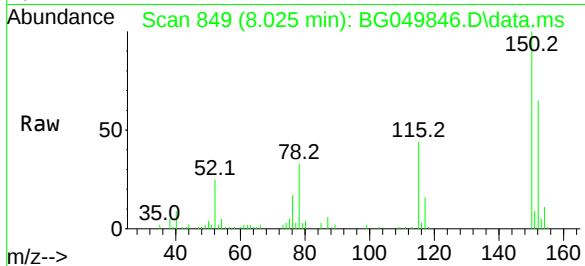




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 849
Delta R.T. -0.015 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

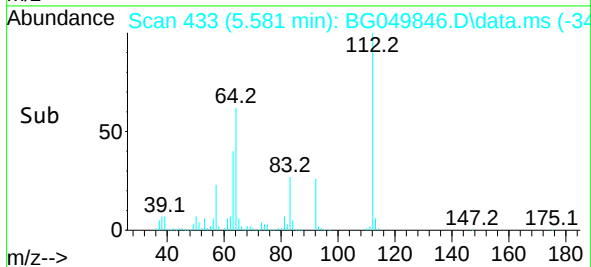
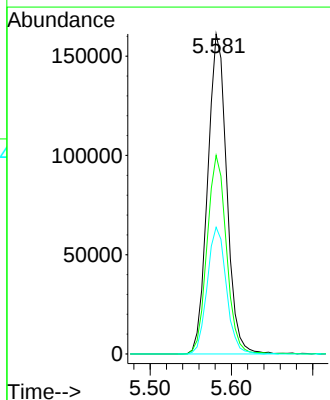
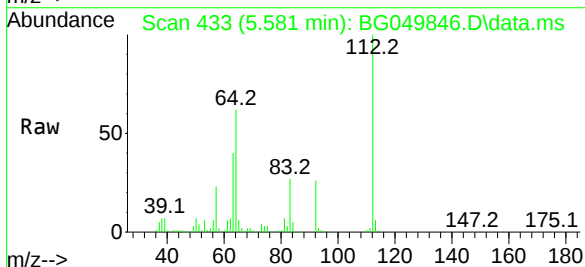
Instrument :
BNA_G
ClientSampleId :
PB138335TB

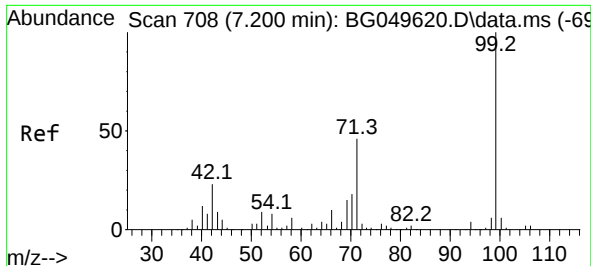
Tgt Ion:152 Resp: 27278
Ion Ratio Lower Upper
152 100
150 153.5 119.4 179.0
115 67.6 60.2 90.4



#5
2-Fluorophenol
Concen: 172.424 ng
RT: 5.581 min Scan# 433
Delta R.T. -0.010 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

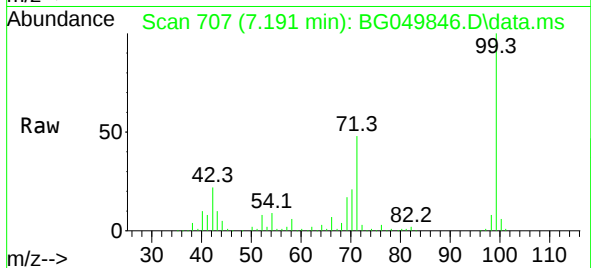
Tgt Ion:112 Resp: 262376
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 39.6 35.3 52.9



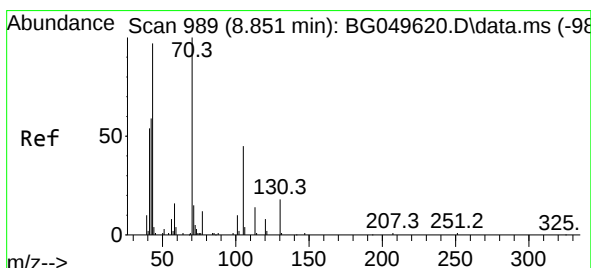
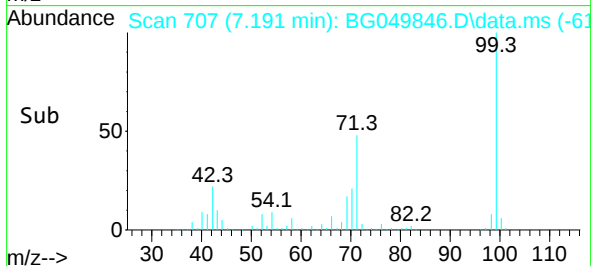
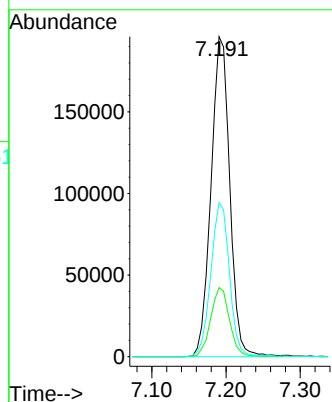


#7
Phenol-d6
Concen: 149.117 ng
RT: 7.191 min Scan# 707
Delta R.T. -0.010 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Instrument :
BNA_G
ClientSampleId :
PB138335TB

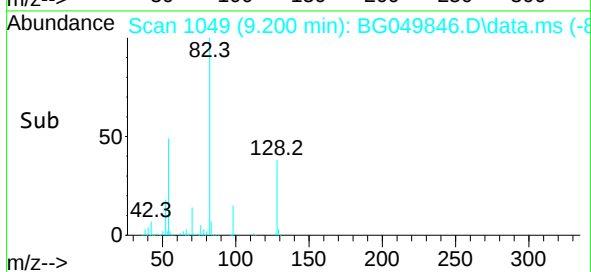
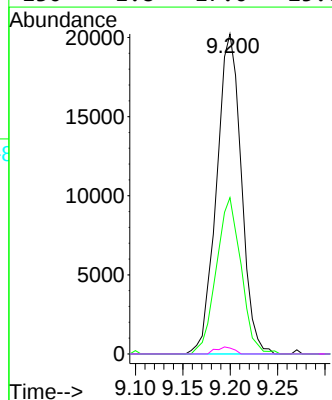
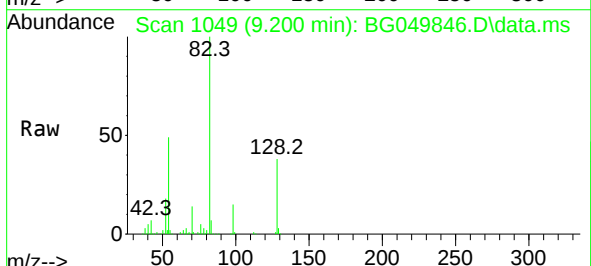


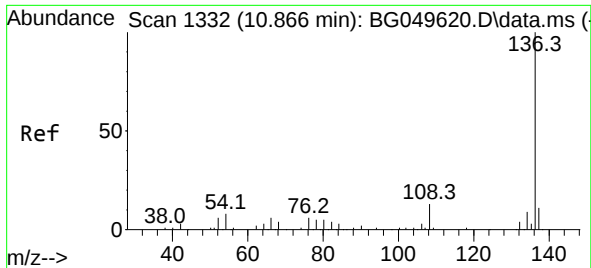
Tgt Ion: 99 Resp: 343484
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 48.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.825 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.349 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

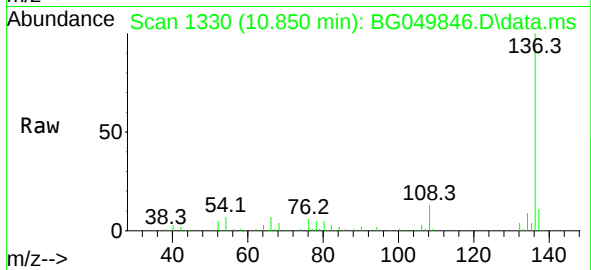
Tgt Ion: 70 Resp: 36725
Ion Ratio Lower Upper
70 100
42 48.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#



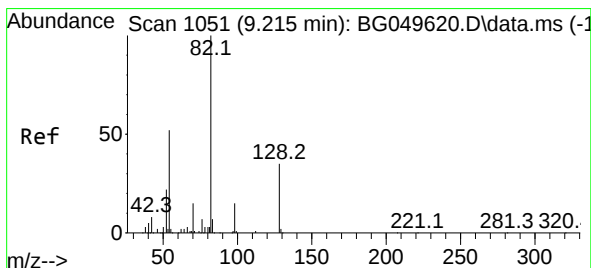
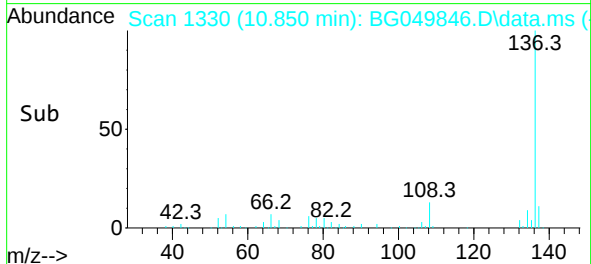
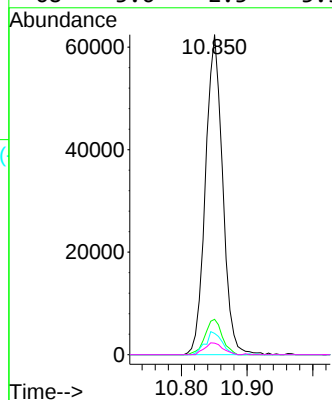


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.850 min Scan# 1330
Delta R.T. -0.016 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Instrument :
BNA_G
ClientSampleId :
PB138335TB

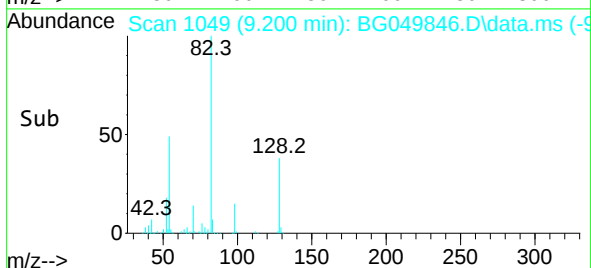
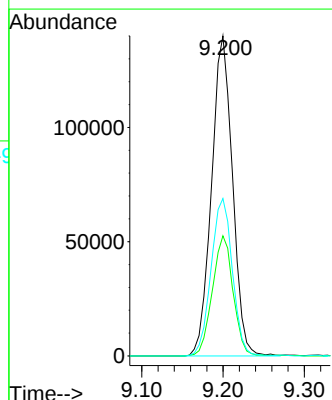
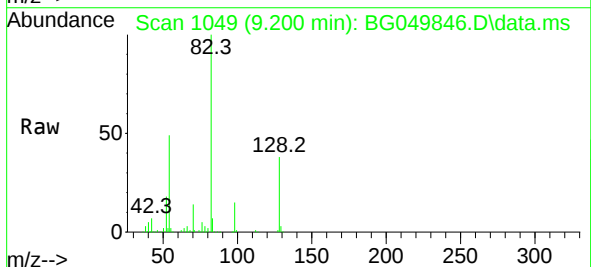


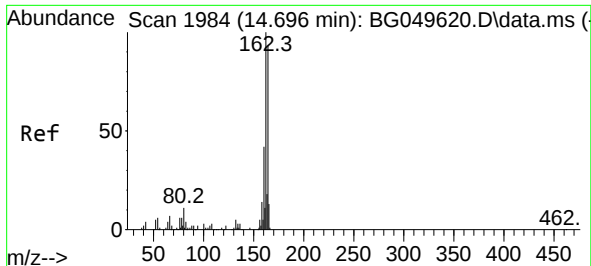
Tgt Ion:136 Resp: 113741
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 6.7 5.5 8.3
68 3.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 97.763 ng
RT: 9.200 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Tgt Ion: 82 Resp: 251285
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 49.2 45.8 68.8

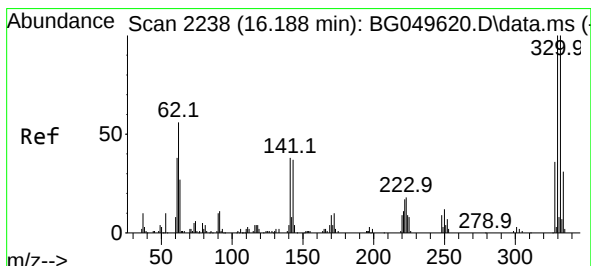
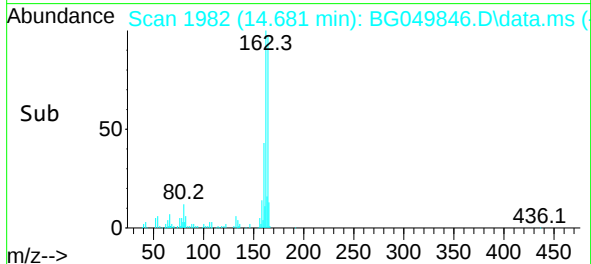
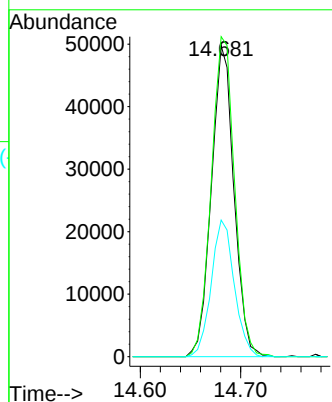
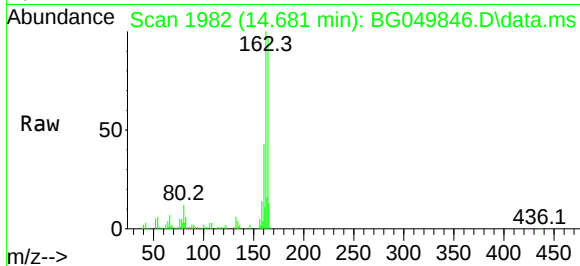




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

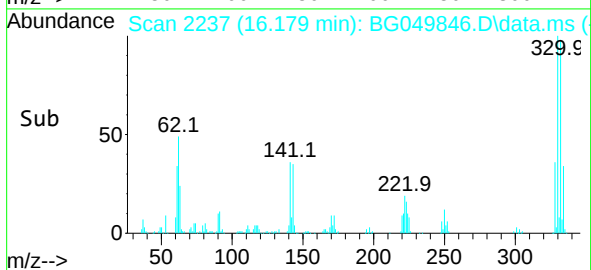
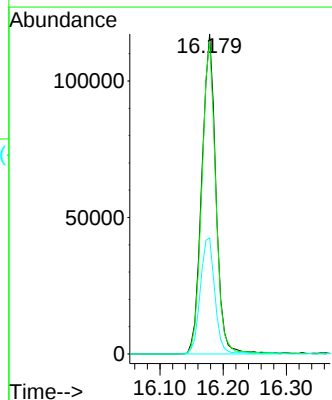
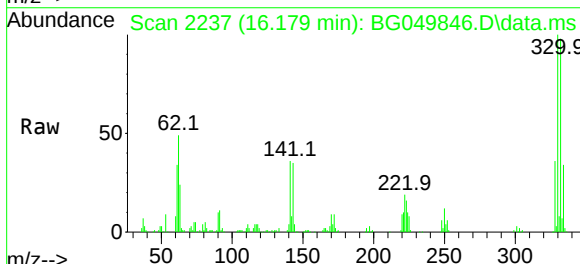
Instrument :
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ClientSampleId :
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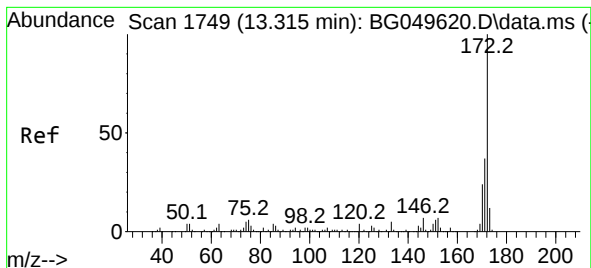
Tgt Ion:164 Resp: 77665
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 159.284 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Tgt Ion:330 Resp: 181834
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 37.3 35.6 53.4

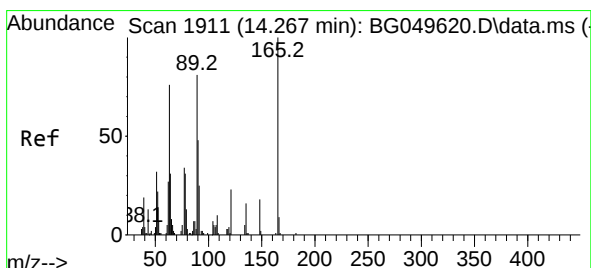
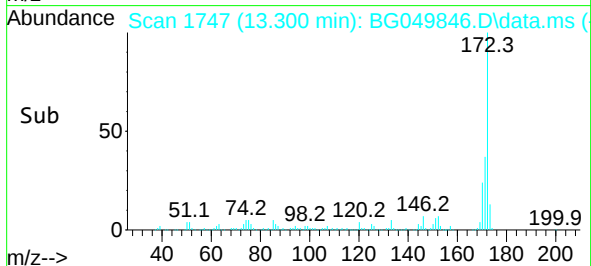
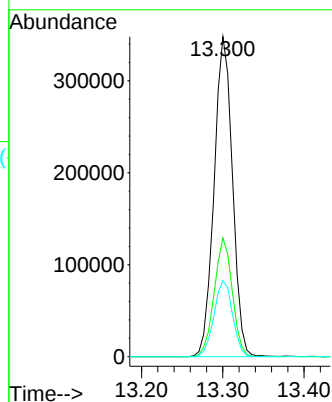
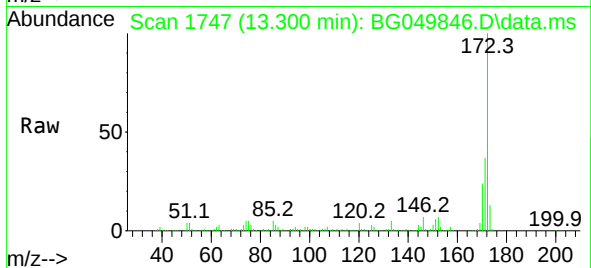




#45
2-Fluorobiphenyl
Concen: 102.573 ng
RT: 13.300 min Scan# 1747
Delta R.T. -0.015 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

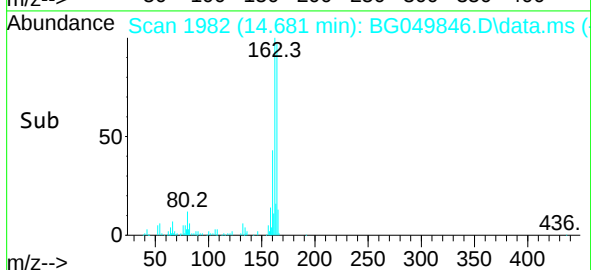
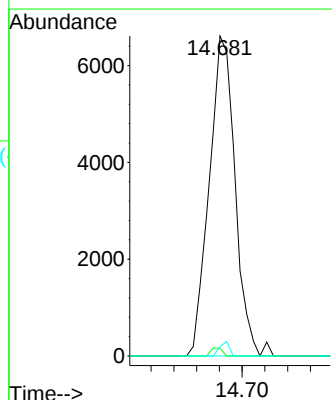
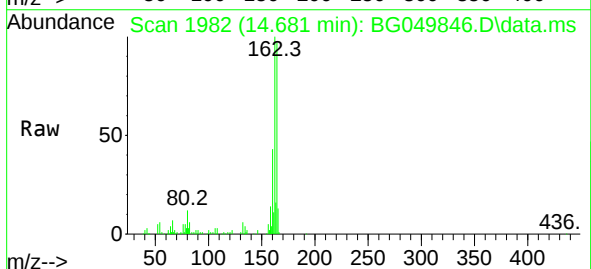
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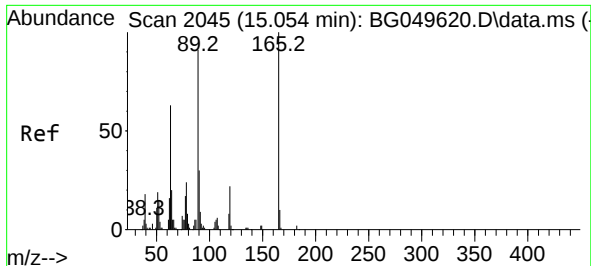
Tgt Ion:172 Resp: 547485
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.108 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.413 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

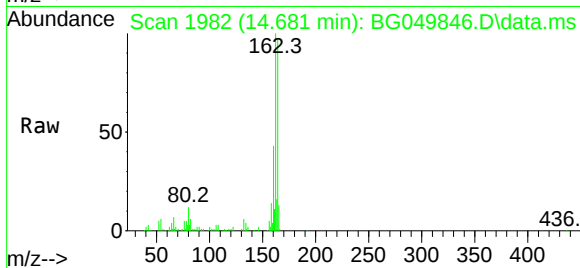
Tgt Ion:165 Resp: 10461
Ion Ratio Lower Upper
165 100
63 2.4 63.3 94.9#
89 2.9 63.4 95.0#



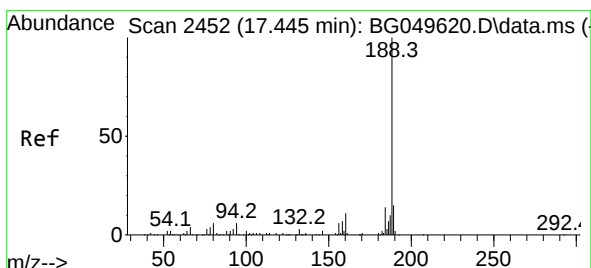
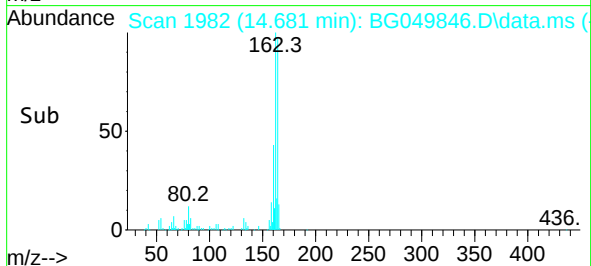
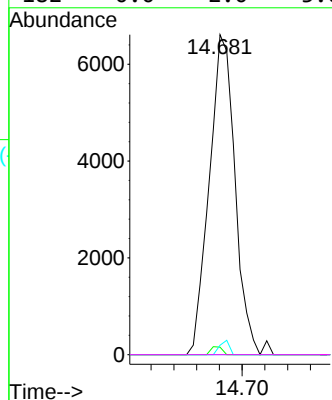


#57
2,4-Dinitrotoluene
Concen: 5.773 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.374 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Instrument :
BNA_G
ClientSampleId :
PB138335TB

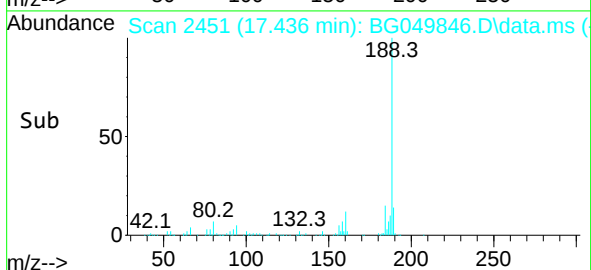
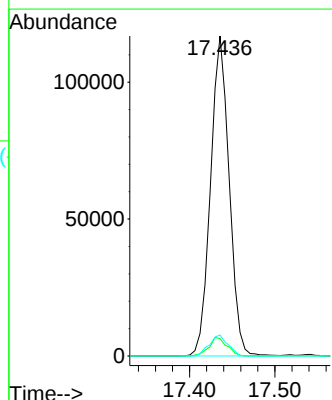
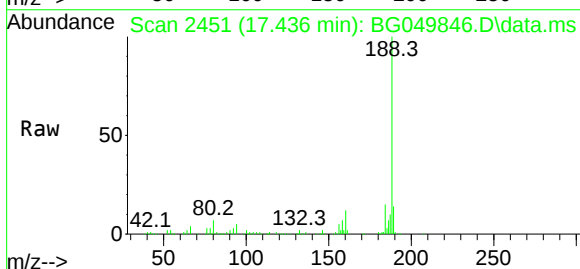


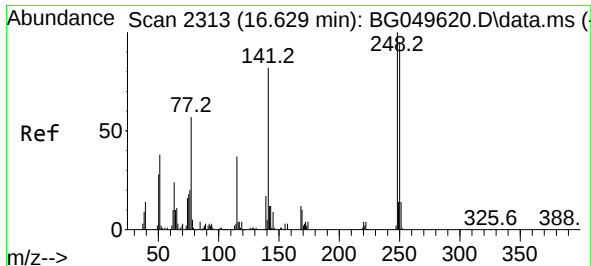
Tgt Ion:165	Resp:	10461
Ion Ratio	Lower	Upper
165	100	
63	2.4	48.0 72.0#
89	2.9	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.010 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

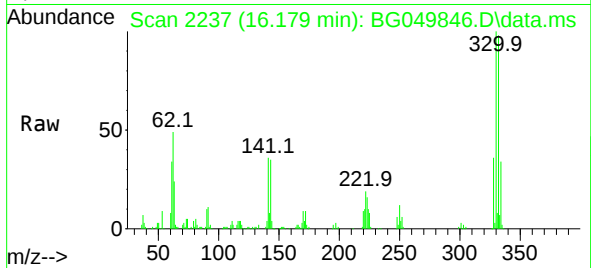
Tgt Ion:188	Resp:	177261
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.4 8.0
80	6.5	3.7 5.5#



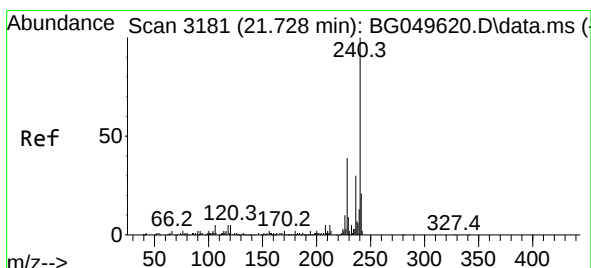
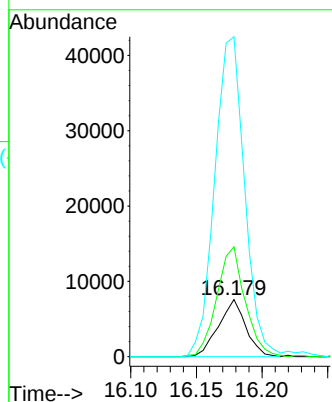
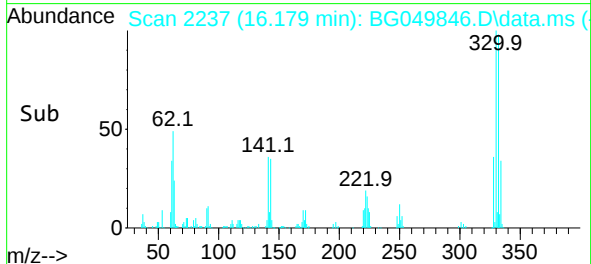


#67
4-Bromophenyl-phenylether
Concen: 5.260 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.450 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

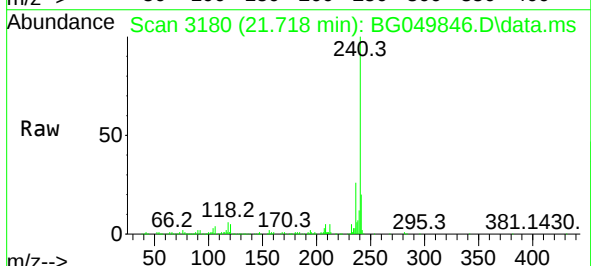
Instrument :
BNA_G
ClientSampleId :
PB138335TB



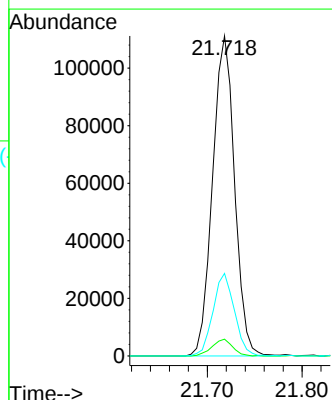
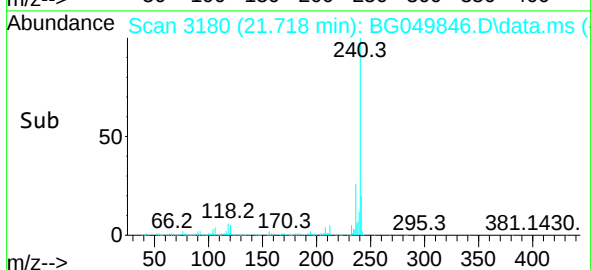
Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.1	114.1#
141	560.0	65.4	98.2#

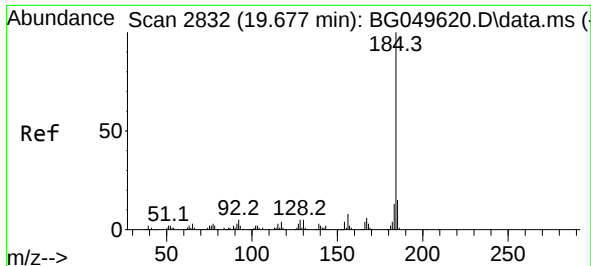


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.718 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43



Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	25.8	21.8	32.6

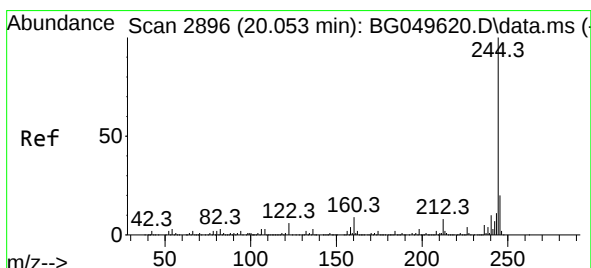
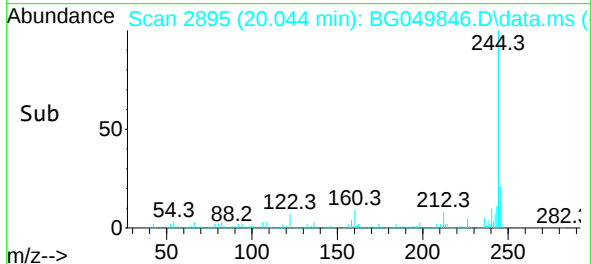
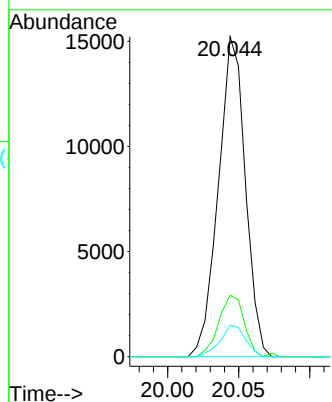
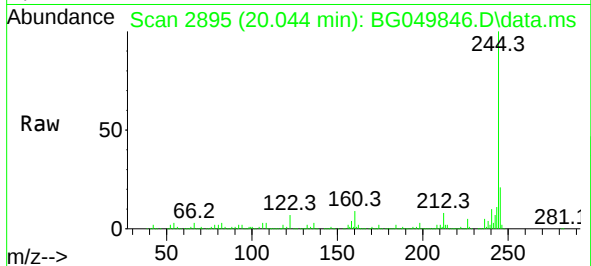




#77
Benzidine
Concen: 4.355 ng
RT: 20.044 min Scan# 2895
Delta R.T. 0.366 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

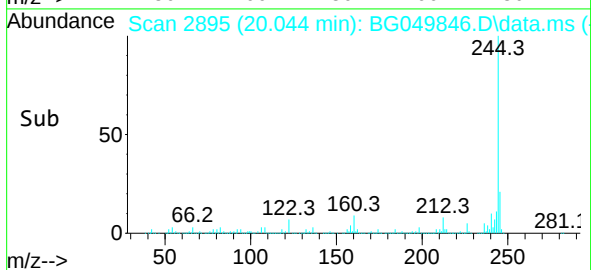
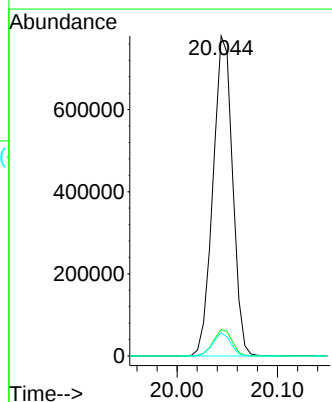
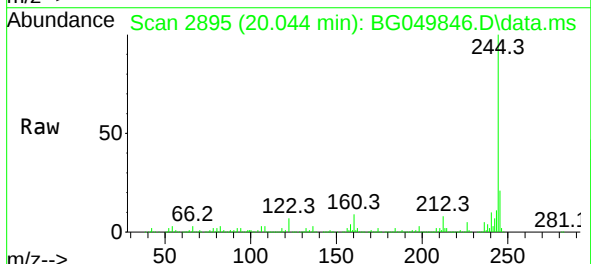
Instrument :
BNA_G
ClientSampleId :
PB138335TB

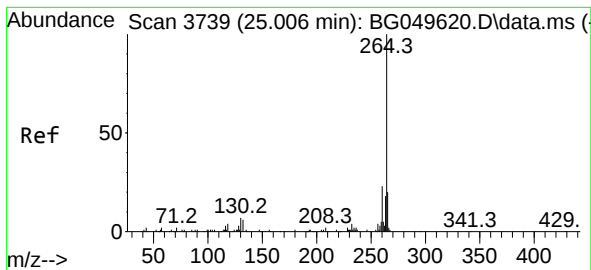
Tgt Ion:184 Resp: 20038
Ion Ratio Lower Upper
184 100
185 19.2 10.7 16.1#
183 9.9 9.4 14.0



#79
Terphenyl-d14
Concen: 106.816 ng
RT: 20.044 min Scan# 2895
Delta R.T. -0.010 min
Lab File: BG049846.D
Acq: 16 Aug 2021 11:43

Tgt Ion:244 Resp: 1056025
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.990 min Scan# 3737
 Delta R.T. -0.015 min
 Lab File: BG049846.D
 Acq: 16 Aug 2021 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB138335TB

Tgt Ion:264 Resp: 175099
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.0 16.9 25.3

