

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049164.D
 Acq On : 2 Jul 2021 12:32
 Operator : CG/JU
 Sample : PB137457BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137457BL

Quant Time: Jul 02 13:42:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

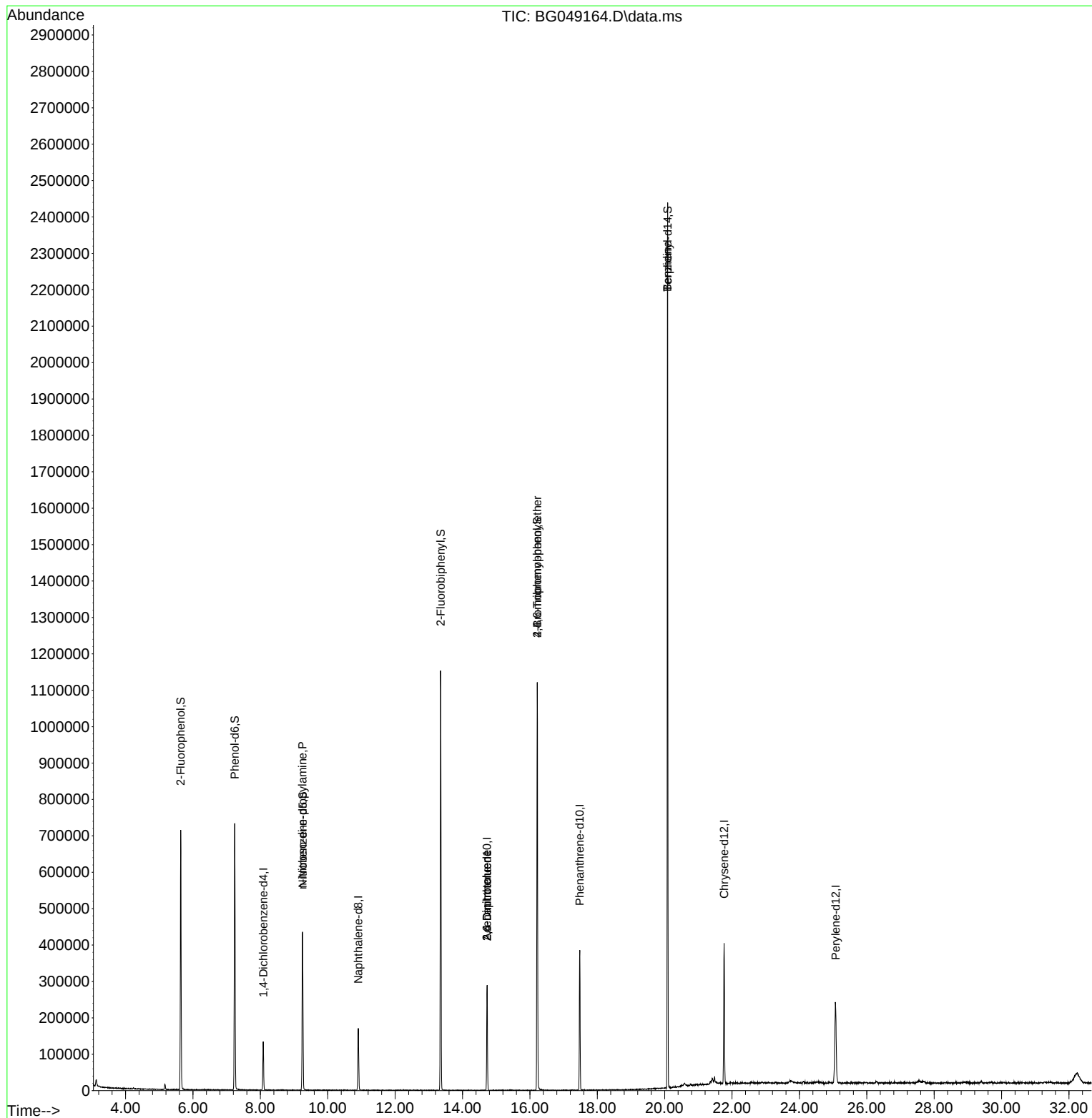
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	34361	20.000	ng	0.00
21) Naphthalene-d8	10.906	136	141784	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	105383	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	252167	20.000	ng	# 0.00
76) Chrysene-d12	21.764	240	251704	20.000	ng	-0.01
86) Perylene-d12	25.072	264	256536	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	282320	128.690	ng	0.00
7) Phenol-d6	7.239	99	365656	116.908	ng	0.00
23) Nitrobenzene-d5	9.255	82	264478	79.087	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	218781	119.758	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	611059	78.230	ng	0.00
79) Terphenyl-d14	20.089	244	1174082	79.041	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	39393	17.525	ng	# 77
51) 2,6-Dinitrotoluene	14.731	165	13596	7.013	ng	# 11
57) 2,4-Dinitrotoluene	14.731	165	13596	4.937	ng	# 16
67) 4-Bromophenyl-phenylether	16.217	248	13940	4.098	ng	# 1
77) Benzidine	20.083	184	22319	4.128	ng	# 87

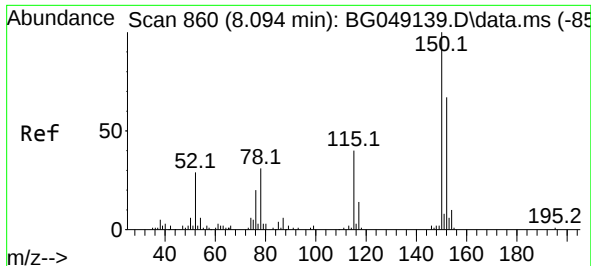
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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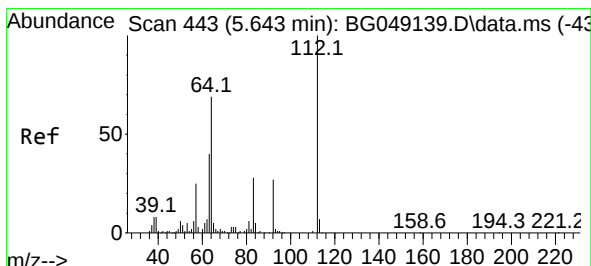
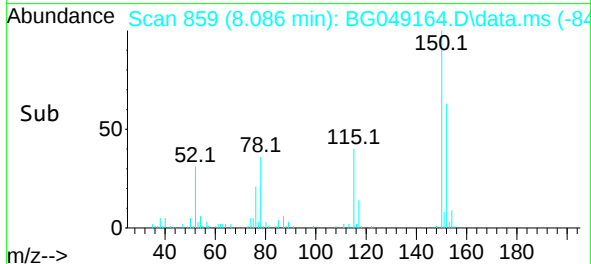
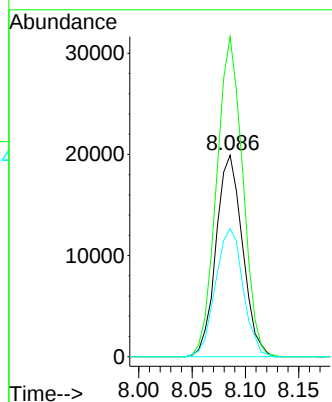
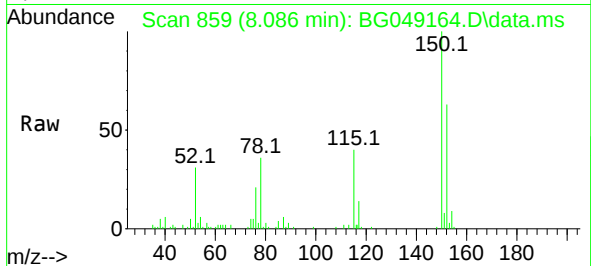




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

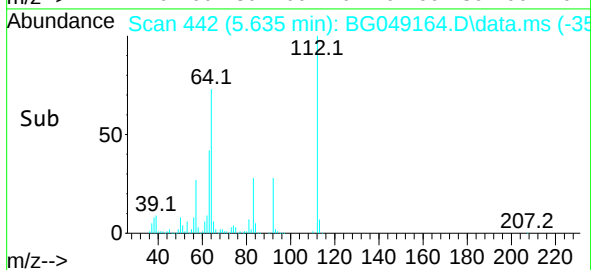
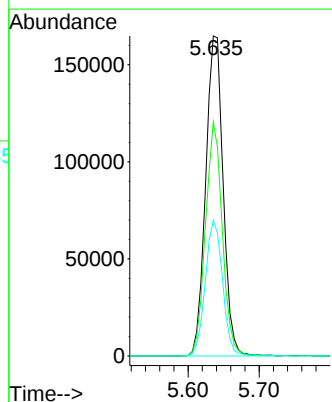
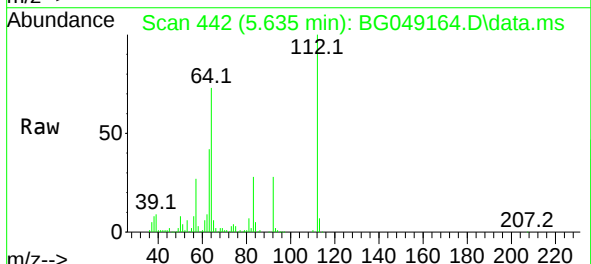
Instrument :
BNA_G
ClientSampleId :
PB137457BL

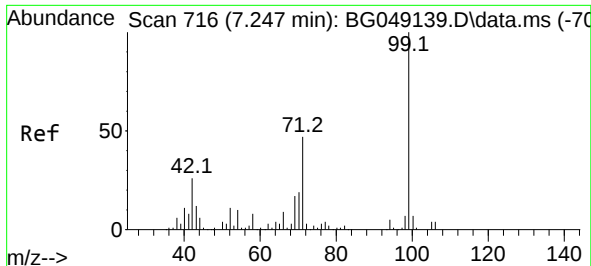
Tgt Ion:152 Resp: 34361
Ion Ratio Lower Upper
152 100
150 158.8 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 128.690 ng
RT: 5.635 min Scan# 442
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Tgt Ion:112 Resp: 282320
Ion Ratio Lower Upper
112 100
64 73.0 46.7 70.1#
63 42.4 35.3 52.9

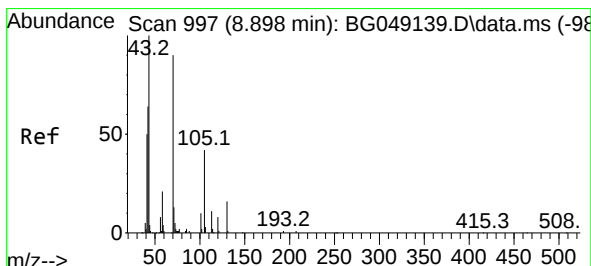
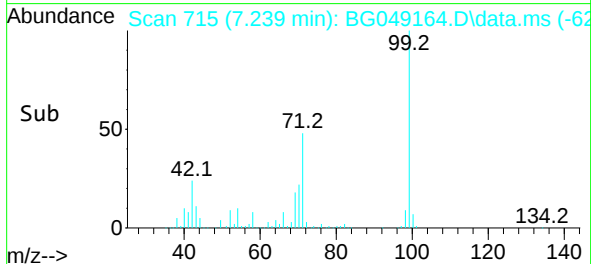
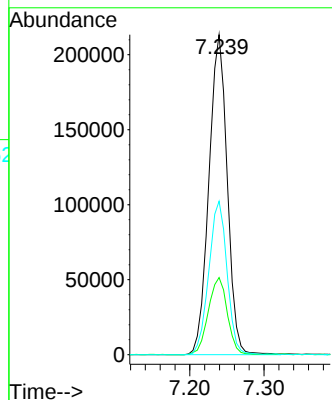
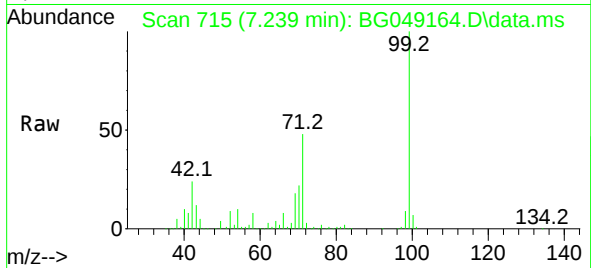




#7
Phenol-d6
Concen: 116.908 ng
RT: 7.239 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

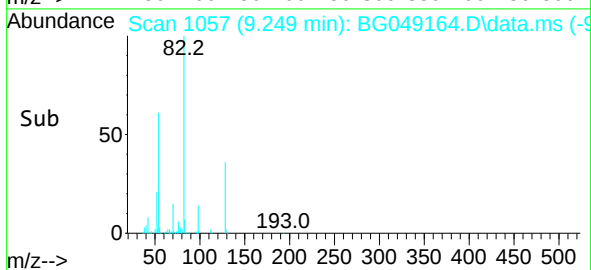
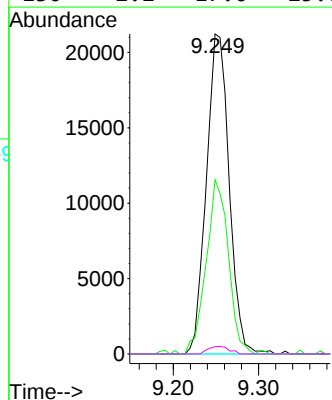
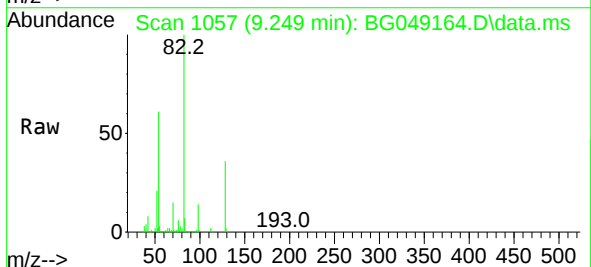
Instrument :
BNA_G
ClientSampleId :
PB137457BL

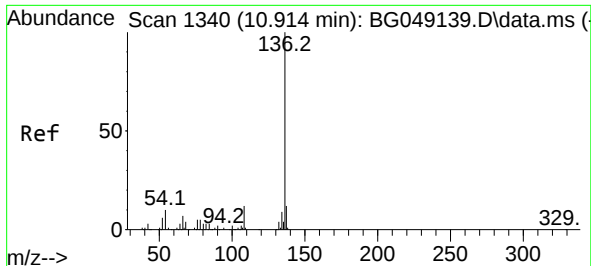
Tgt Ion: 99 Resp: 365656
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 47.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.525 ng
RT: 9.249 min Scan# 1057
Delta R.T. 0.350 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

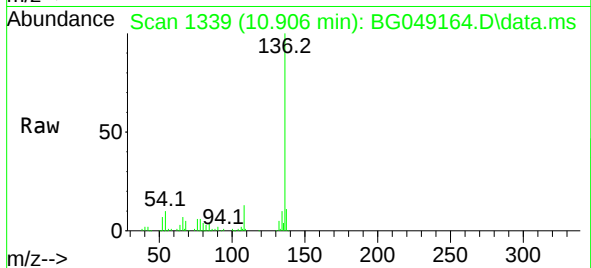
Tgt Ion: 70 Resp: 39393
Ion Ratio Lower Upper
70 100
42 54.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#



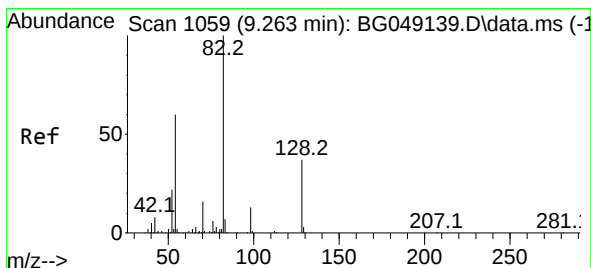
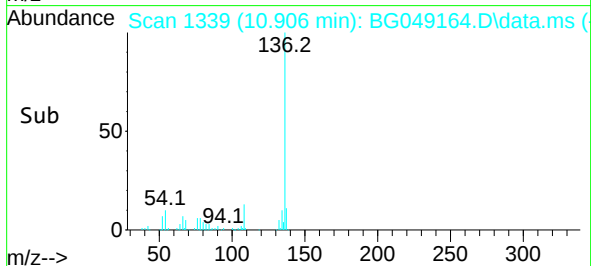
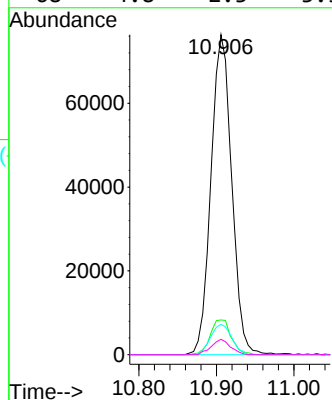


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.906 min Scan# 1339
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Instrument :
BNA_G
ClientSampleId :
PB137457BL

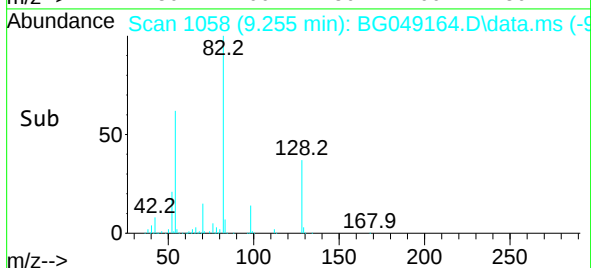
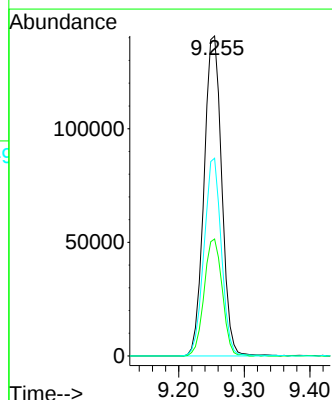
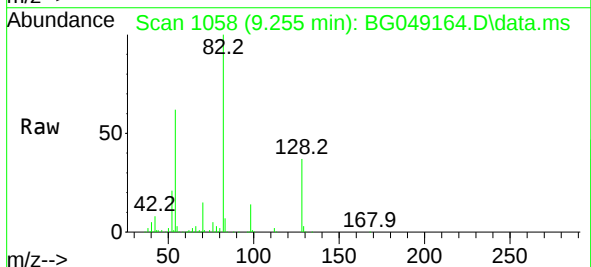


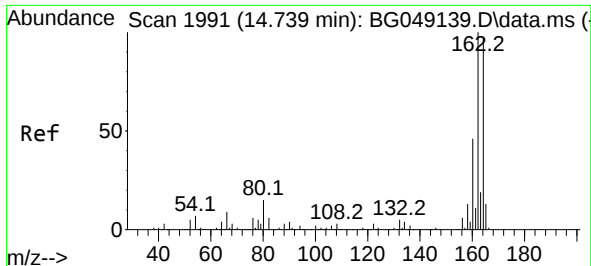
Tgt Ion:136 Resp: 141784
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.5 5.5 8.3#
68 4.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 79.087 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Tgt Ion: 82 Resp: 264478
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 61.8 45.8 68.8

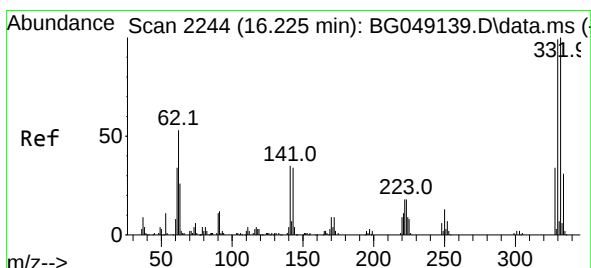
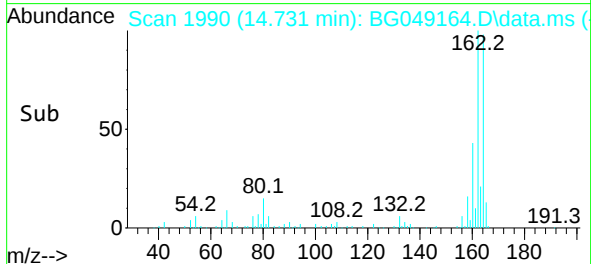
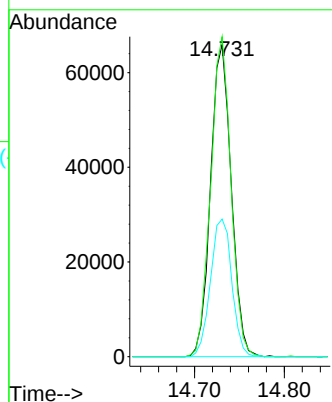
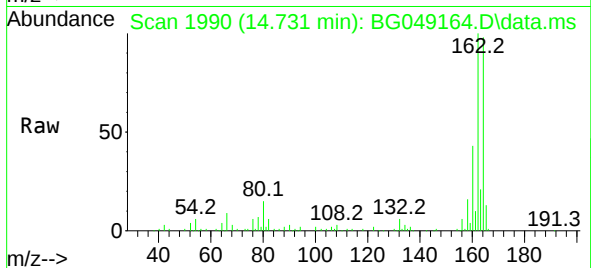




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

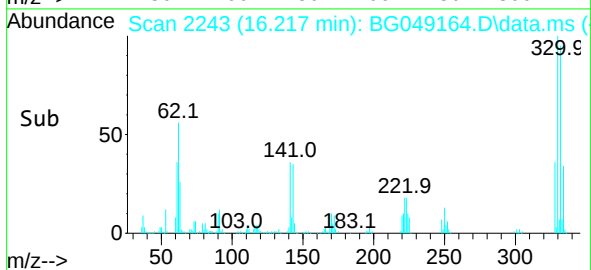
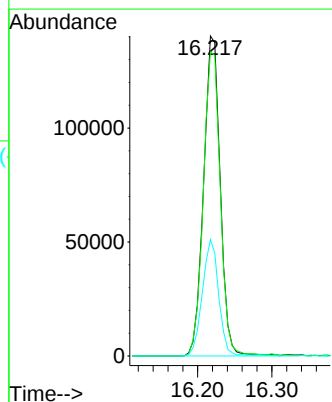
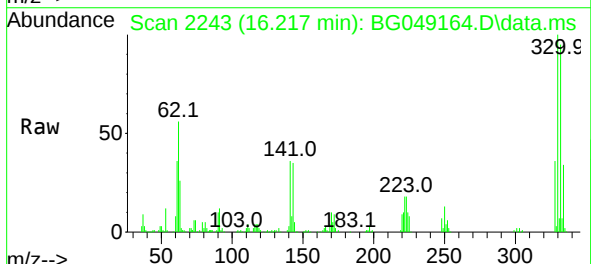
Instrument :
BNA_G
ClientSampleId :
PB137457BL

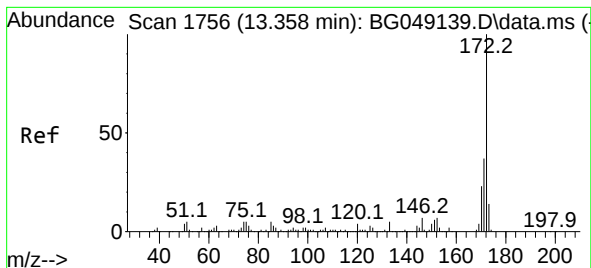
Tgt Ion:164 Resp: 105383
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 119.758 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Tgt Ion:330 Resp: 218781
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.8 35.6 53.4

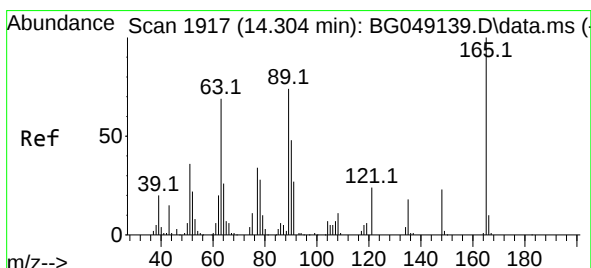
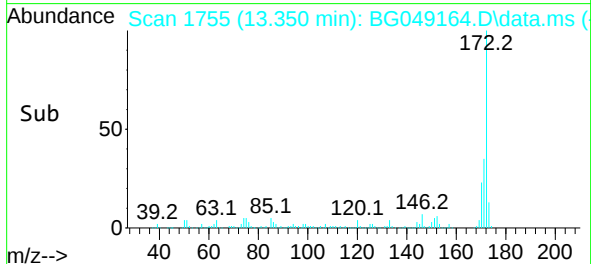
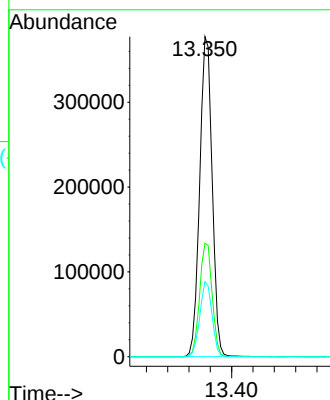
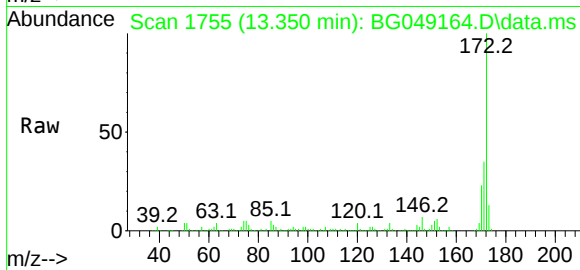




#45
2-Fluorobiphenyl
Concen: 78.230 ng
RT: 13.350 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

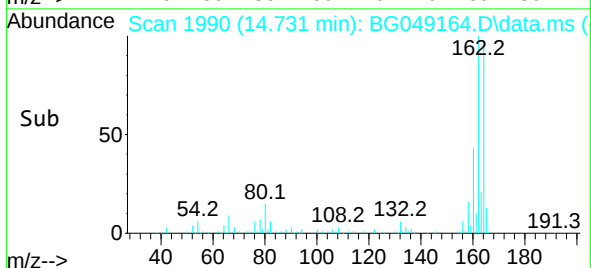
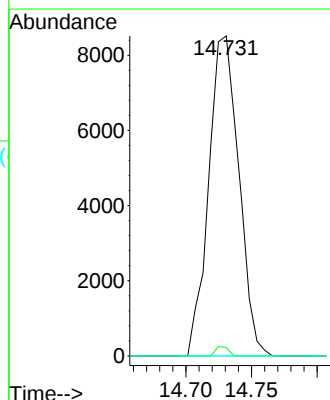
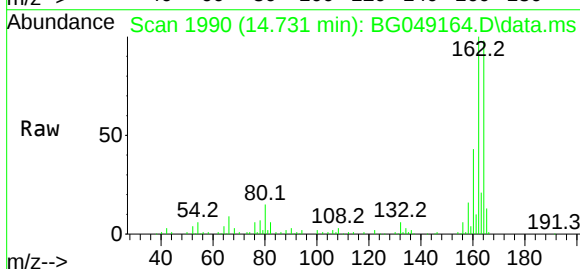
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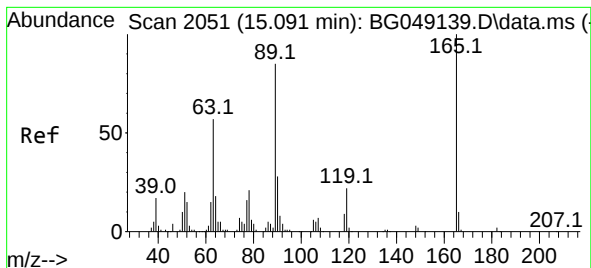
Tgt Ion:172 Resp: 611059
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.013 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.427 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

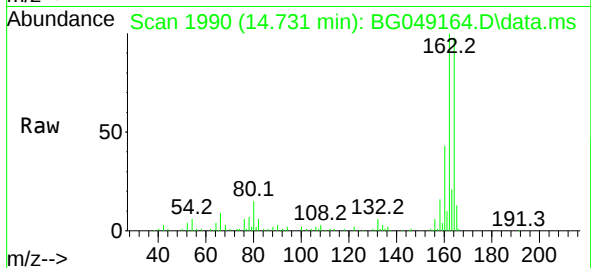
Tgt Ion:165 Resp: 13596
Ion Ratio Lower Upper
165 100
63 2.6 63.3 94.9#
89 0.0 63.4 95.0#



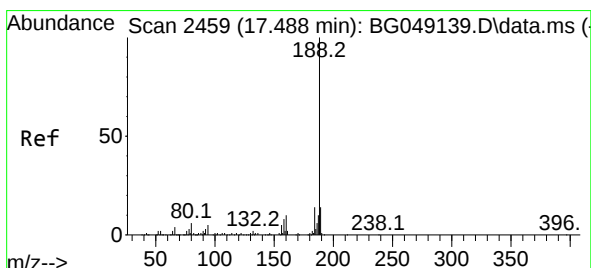
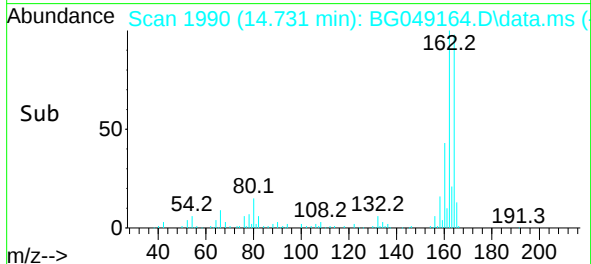
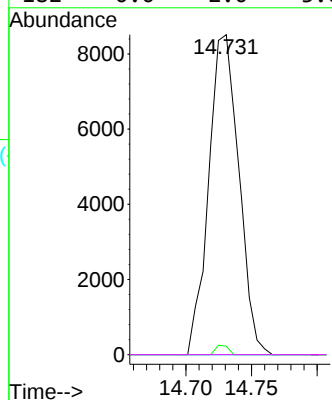


#57
2,4-Dinitrotoluene
Concen: 4.937 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.361 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Instrument :
BNA_G
ClientSampleId :
PB137457BL

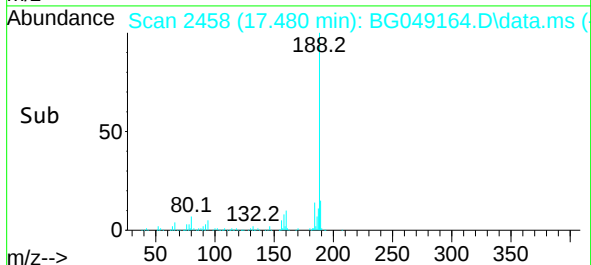
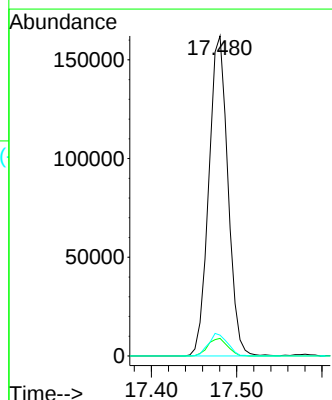
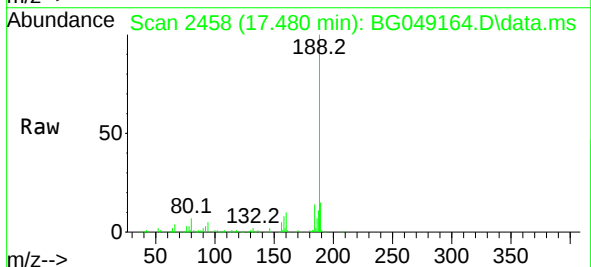


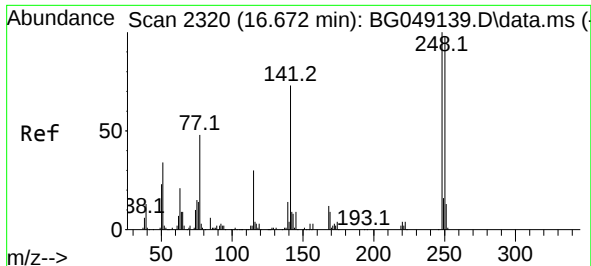
Tgt Ion:165 Resp: 13596
Ion Ratio Lower Upper
165 100
63 2.6 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.008 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Tgt Ion:188 Resp: 252167
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.5 3.7 5.5#

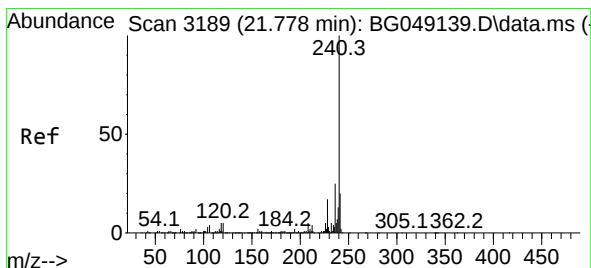
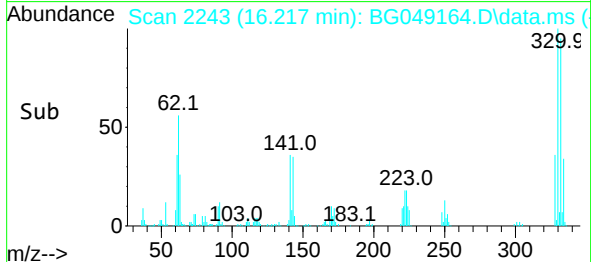
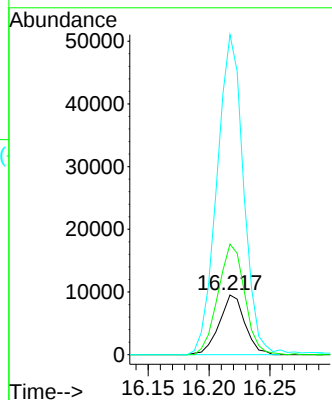
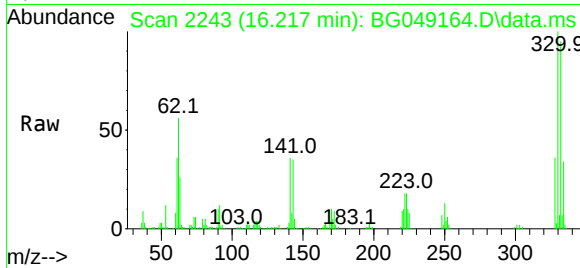




#67
4-Bromophenyl-phenylether
Concen: 4.098 ng
RT: 16.217 min Scan# 2243
Delta R.T. -0.455 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

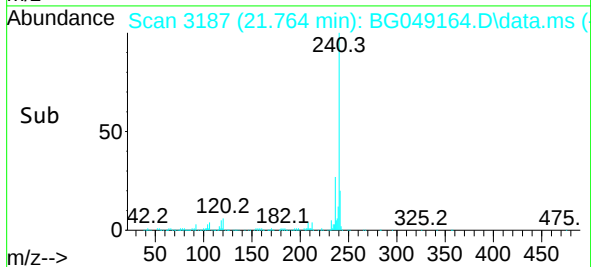
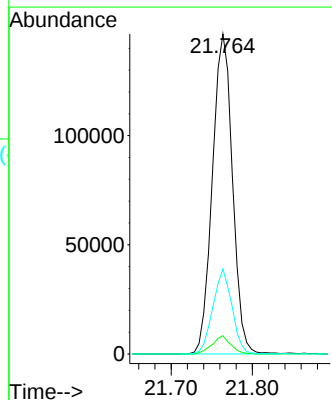
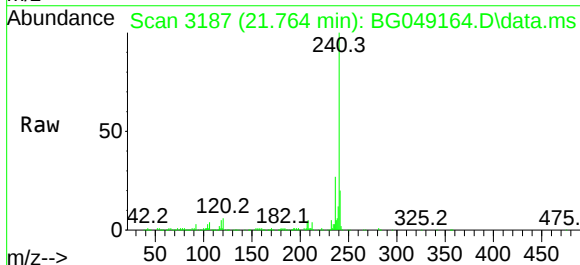
Instrument :
BNA_G
ClientSampleId :
PB137457BL

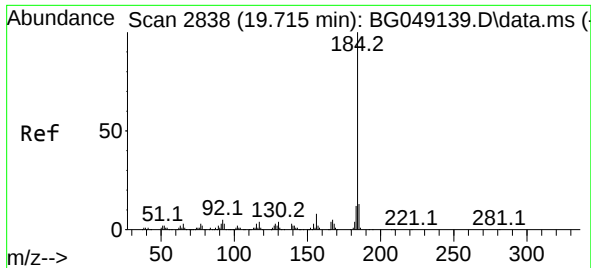
Tgt Ion:248 Resp: 13940
Ion Ratio Lower Upper
248 100
250 185.3 76.1 114.1#
141 536.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3187
Delta R.T. -0.014 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

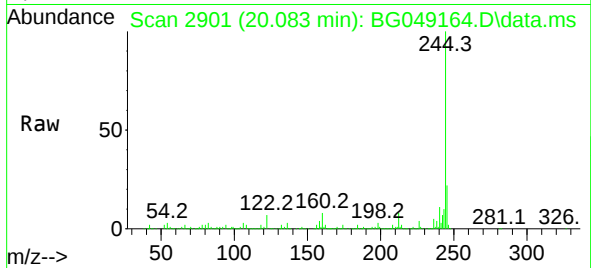
Tgt Ion:240 Resp: 251704
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 26.5 21.8 32.6



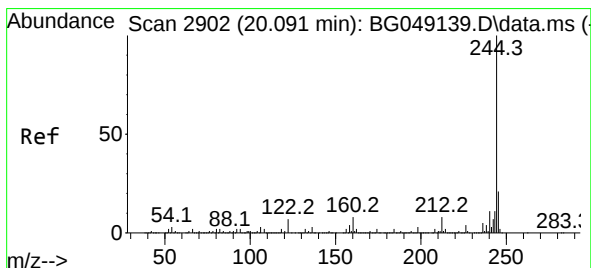
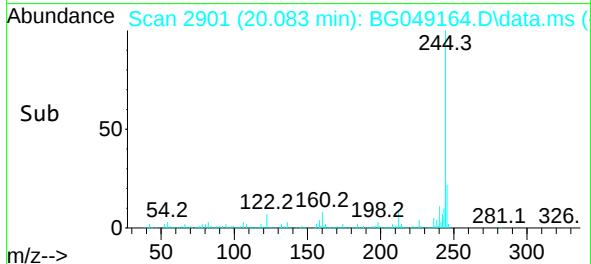
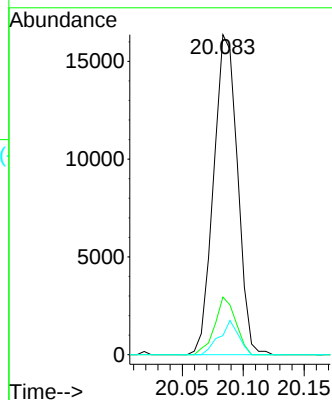


#77
Benzidine
Concen: 4.128 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.368 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

Instrument :
BNA_G
ClientSampleId :
PB137457BL

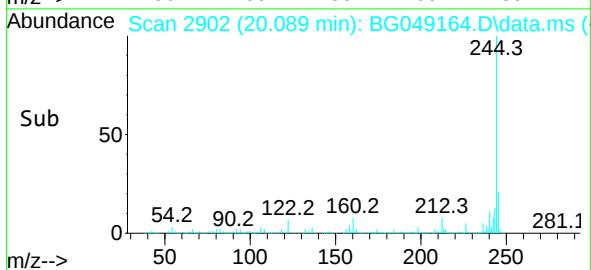
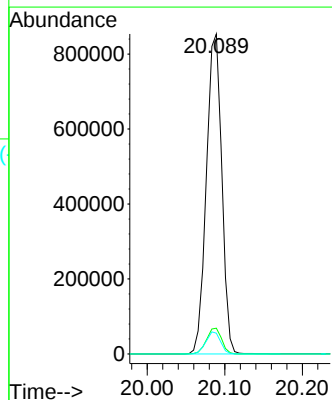
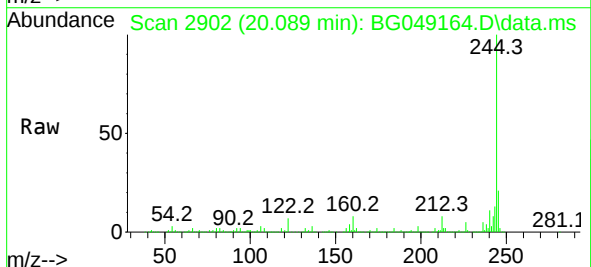


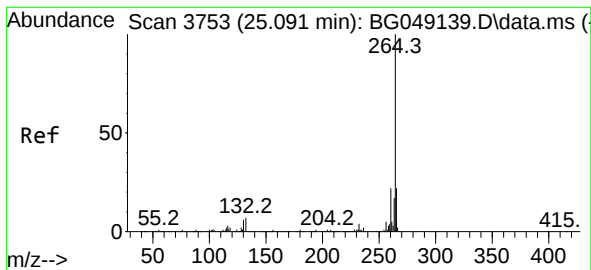
Tgt Ion:184 Resp: 22319
Ion Ratio Lower Upper
184 100
185 18.0 10.7 16.1#
183 5.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 79.041 ng
RT: 20.089 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049164.D
Acq: 2 Jul 2021 12:32

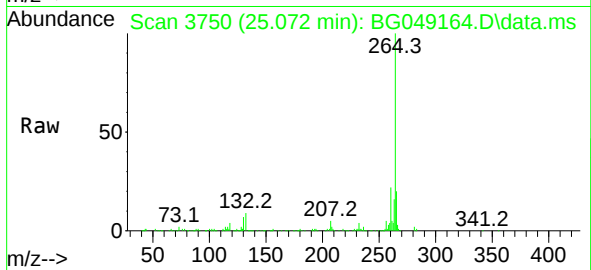
Tgt Ion:244 Resp: 1174082
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.072 min Scan# 3750
 Delta R.T. -0.020 min
 Lab File: BG049164.D
 Acq: 2 Jul 2021 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB137457BL



Tgt Ion:264 Resp: 256536
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.4 29.2
 265 19.7 16.9 25.3

