

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046879.D
 Acq On : 13 Oct 2020 18:25
 Operator : CG/JU
 Sample : PB132329TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132329TB

Quant Time: Oct 14 01:05:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

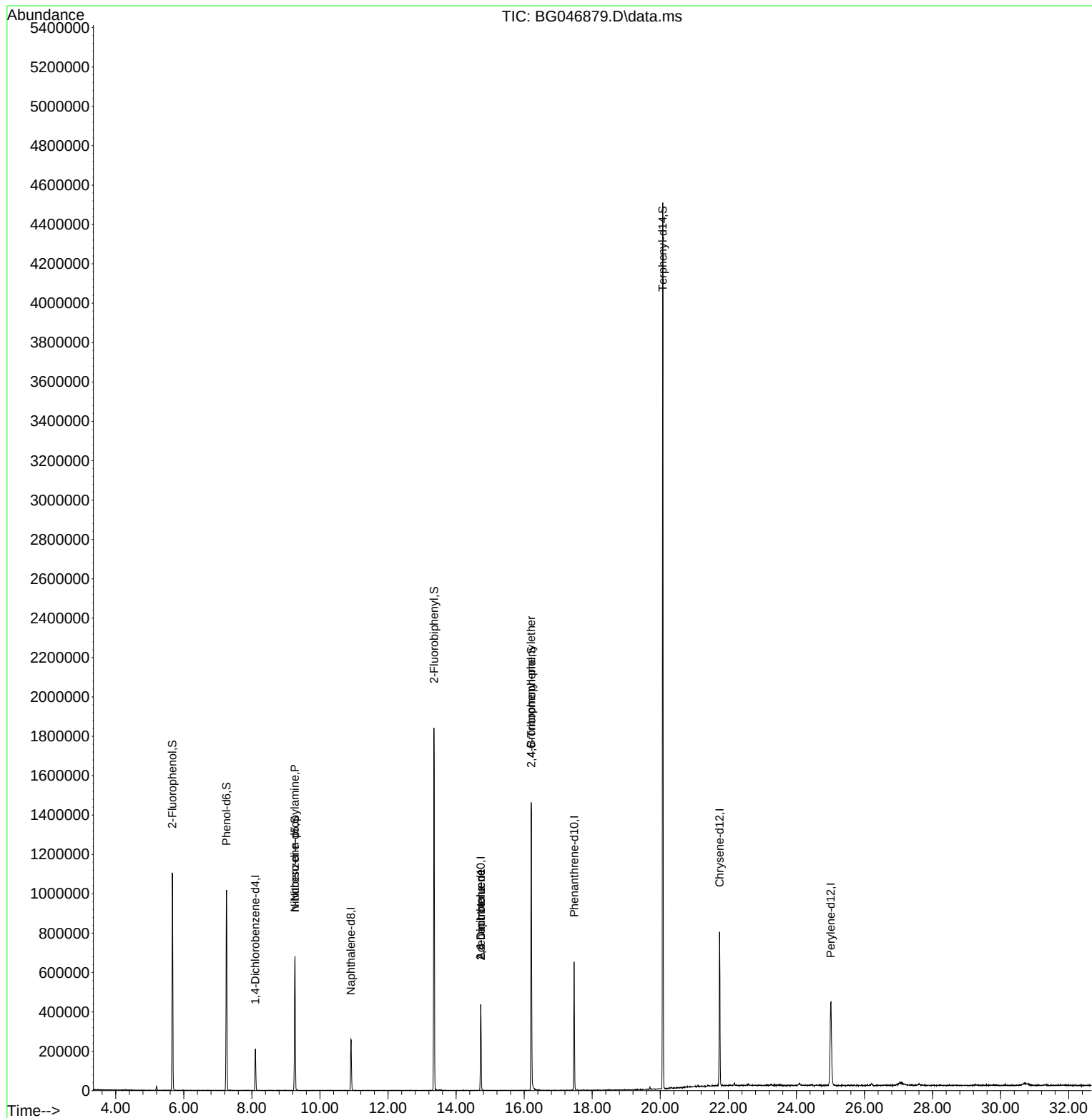
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	58979	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	217923	20.00	ng	#-0.01
39) Acenaphthene-d10	14.725	164	152215	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	408695	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	503637	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	497561	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	438687	119.16	ng	0.00
7) Phenol-d6	7.257	99	563859	108.58	ng	0.00
23) Nitrobenzene-d5	9.267	82	402164	98.18	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	296855	147.91	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	953253	88.66	ng	-0.01
79) Terphenyl-d14	20.072	244	1953155	77.72	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1523	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	58498	16.43	ng	# 75
51) 2,6-Dinitrotoluene	14.725	165	21412	10.84	ng	# 33
57) 2,4-Dinitrotoluene	14.725	165	21412	8.18	ng	# 32
67) 4-Bromophenyl-phenylether	16.206	248	20940	4.06	ng	# 1

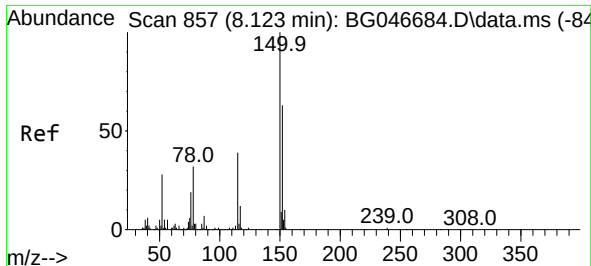
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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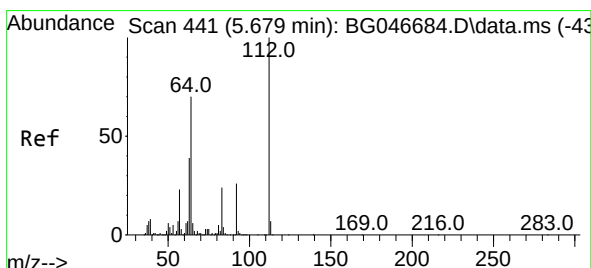
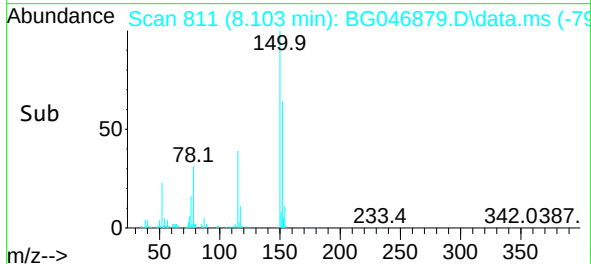
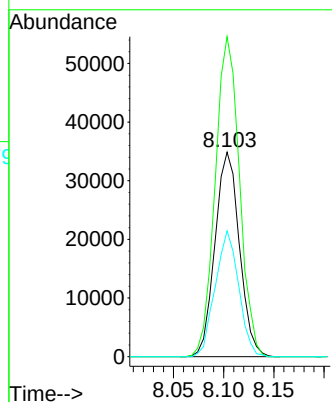
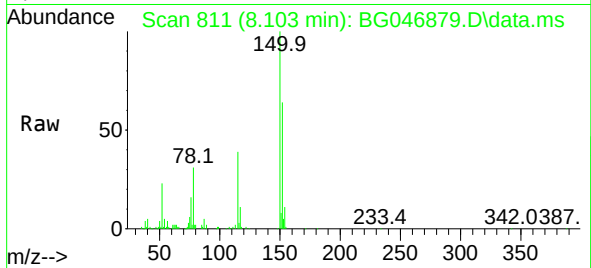




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

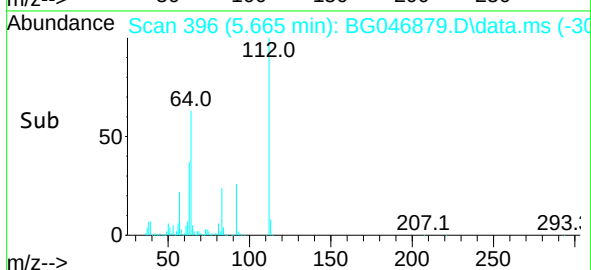
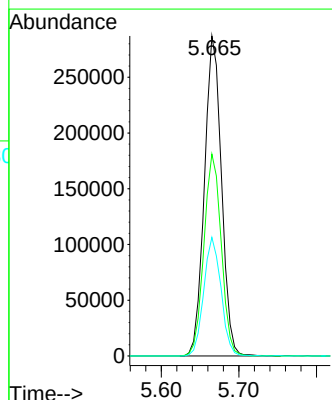
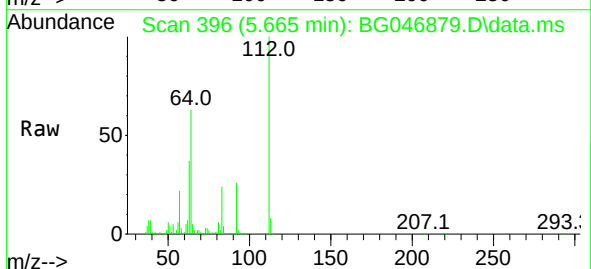
Instrument :
BNA_G
ClientSampleId :
PB132329TB

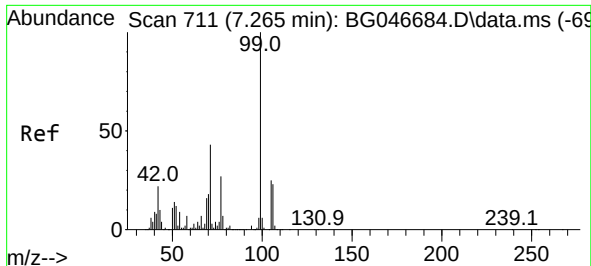
Tgt Ion:152 Resp: 58979
Ion Ratio Lower Upper
152 100
150 156.5 125.0 187.6
115 61.5 41.8 62.6



#5
2-Fluorophenol
Concen: 119.16 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion:112 Resp: 438687
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 37.1 22.8 34.2#

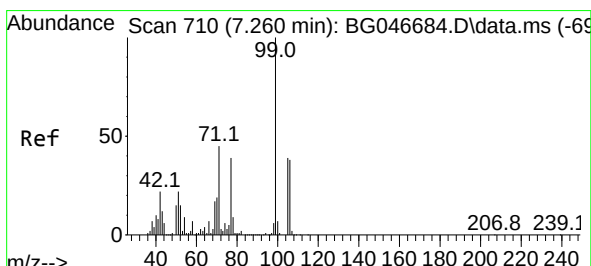
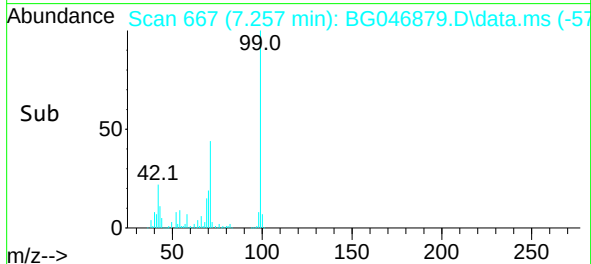
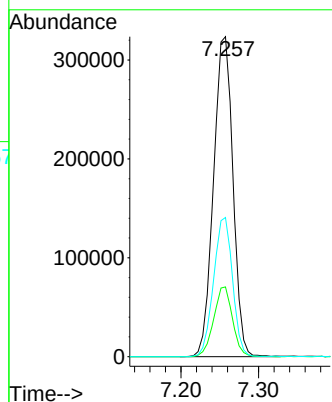
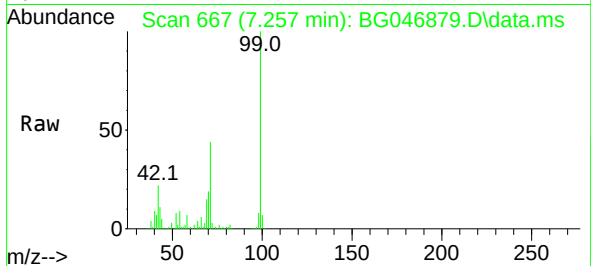




#7
Phenol-d6
Concen: 108.58 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

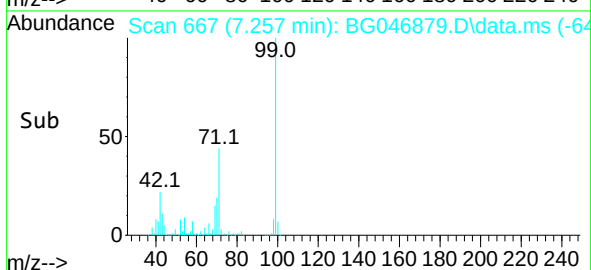
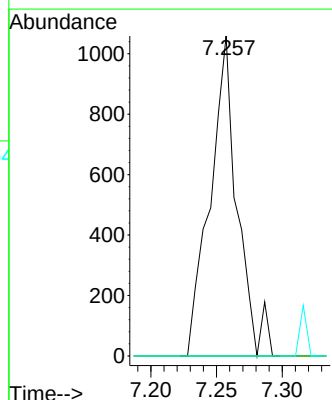
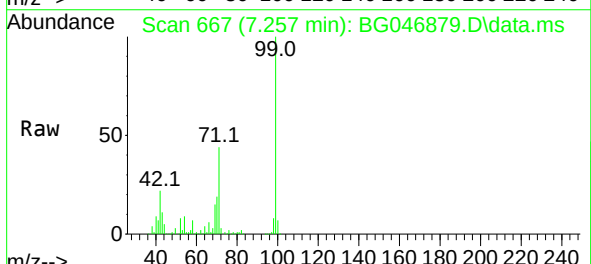
Instrument :
BNA_G
ClientSampleId :
PB132329TB

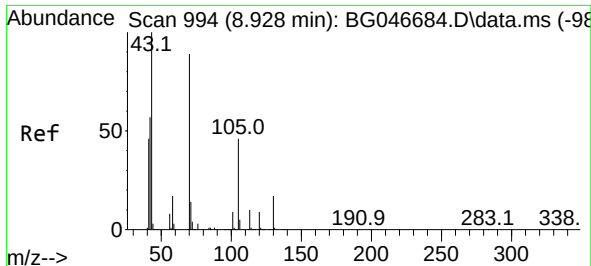
Tgt Ion: 99 Resp: 563859
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 43.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

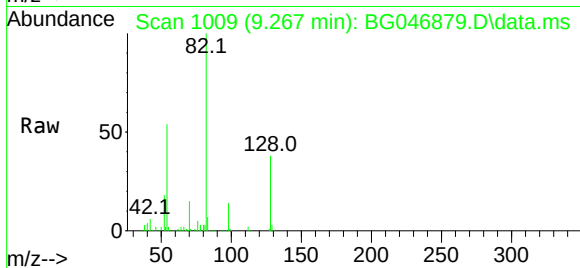
Tgt Ion: 77 Resp: 1523
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



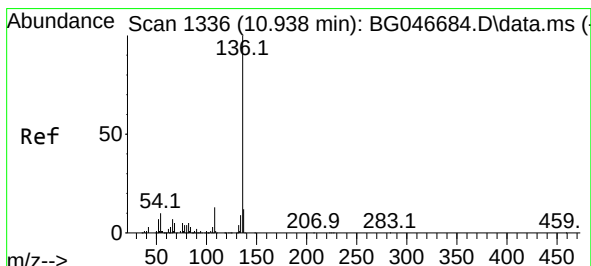
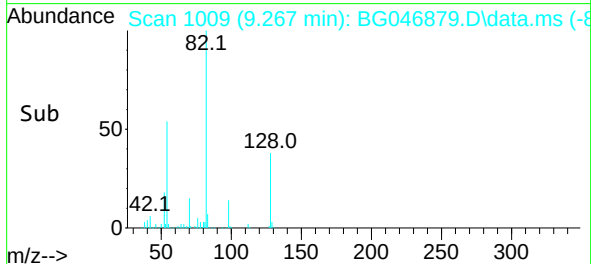
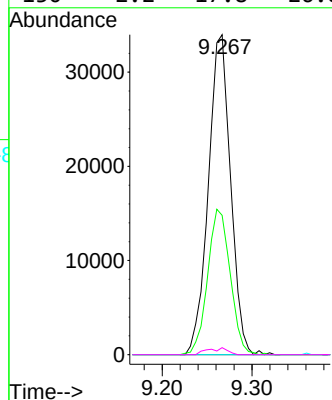


#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Instrument :
BNA_G
ClientSampleId :
PB132329TB

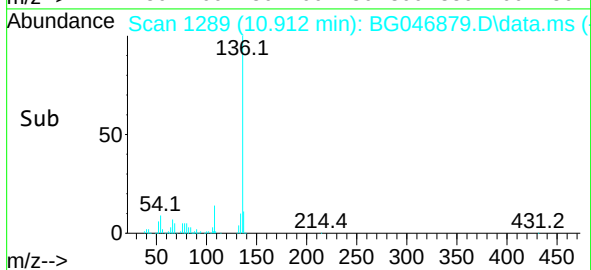
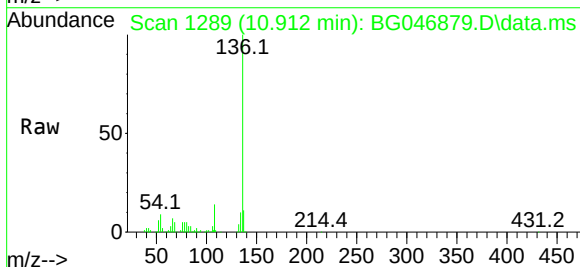
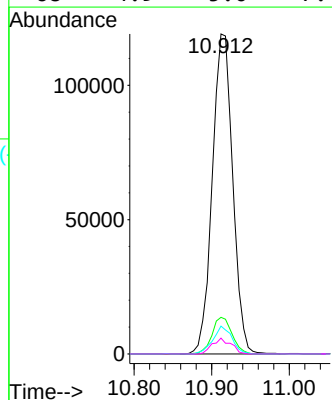


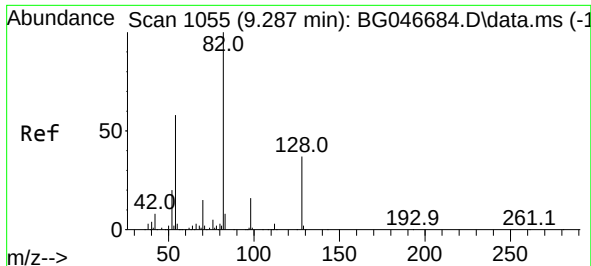
Tgt Ion: 70 Resp: 58498
Ion Ratio Lower Upper
70 100
42 43.6 45.6 68.4#
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.010 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 136 Resp: 217923
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.7 6.2 9.4
68 4.9 5.0 7.4#

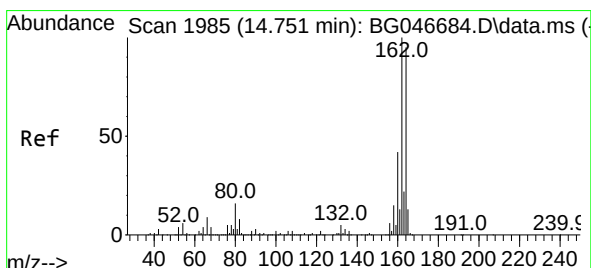
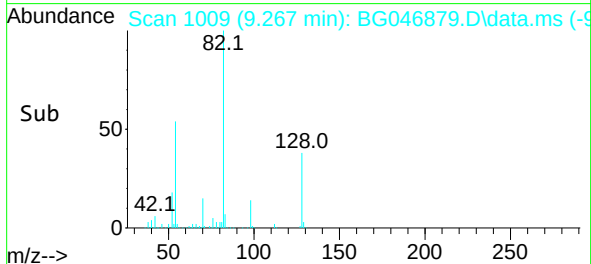
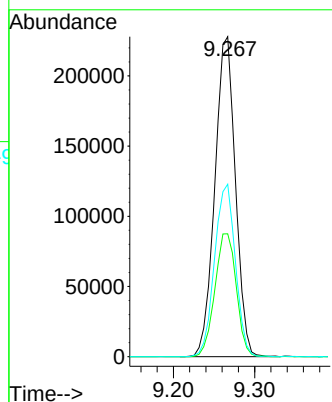
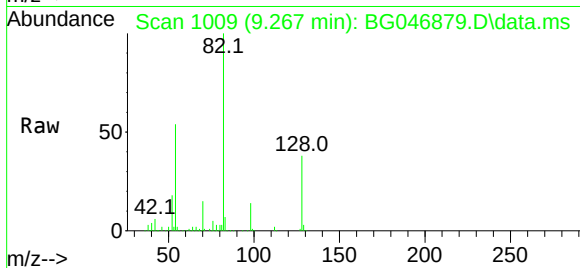




#23
Nitrobenzene-d5
Concen: 98.18 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

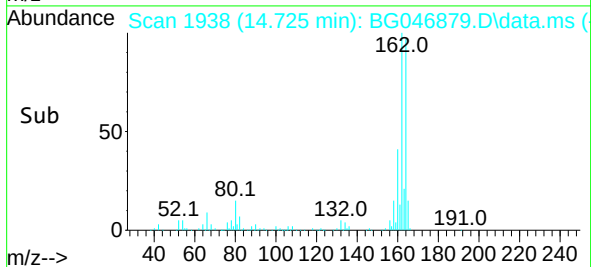
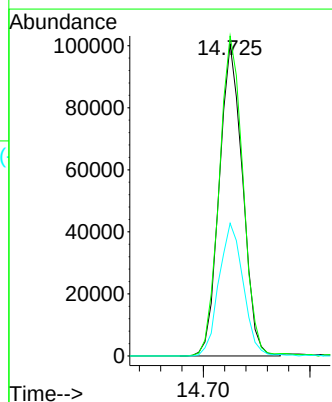
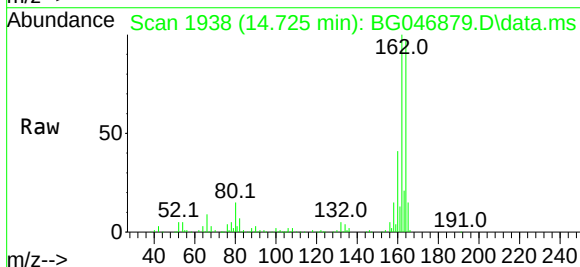
Instrument :
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ClientSampleId :
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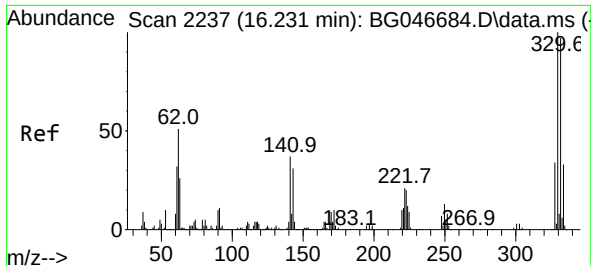
Tgt Ion: 82 Resp: 402164
Ion Ratio Lower Upper
82 100
128 38.4 37.0 55.6
54 53.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion: 164 Resp: 152215
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 42.5 35.3 52.9

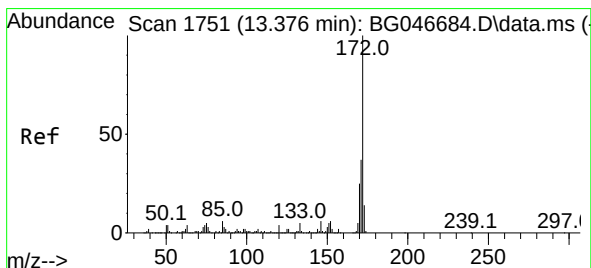
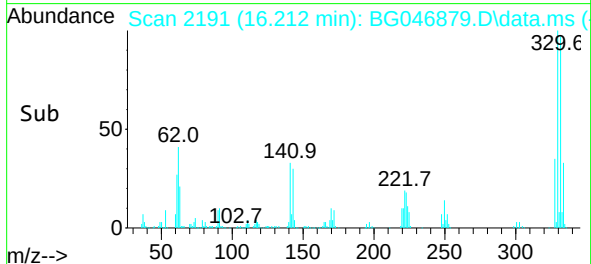
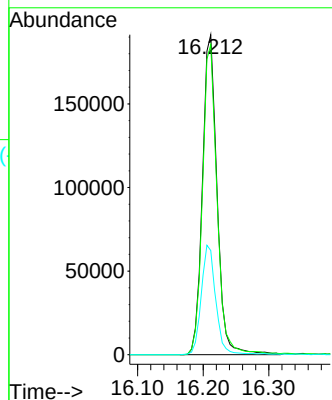
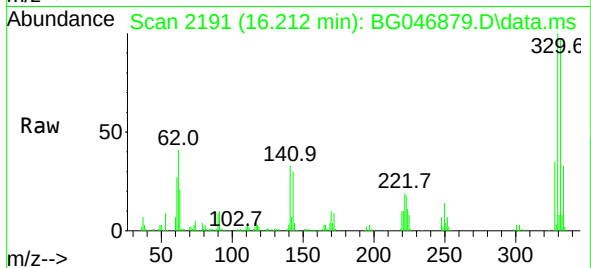




#42
2,4,6-Tribromophenol
Concen: 147.91 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

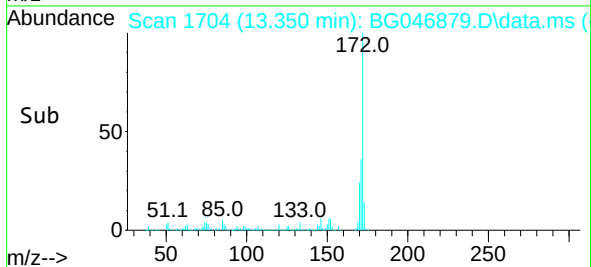
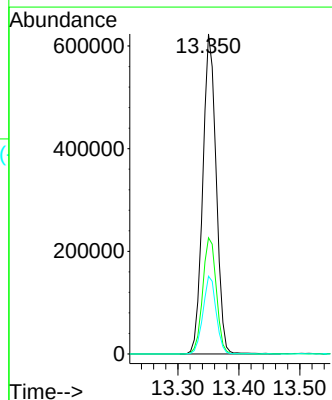
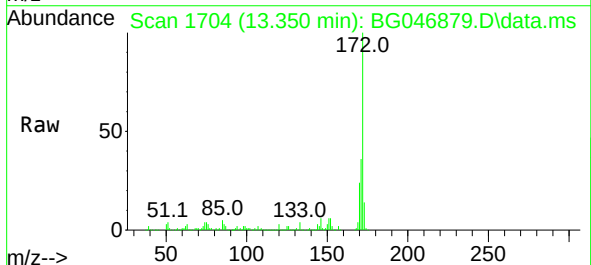
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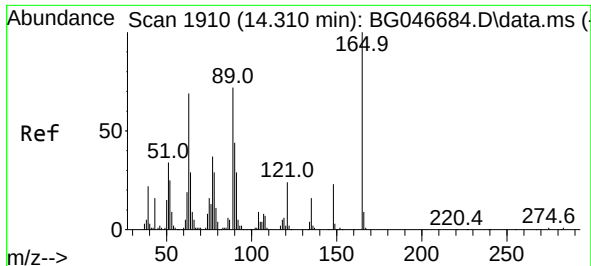
Tgt Ion:330 Resp: 296855
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 88.66 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion:172 Resp: 953253
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 24.3 20.8 31.2

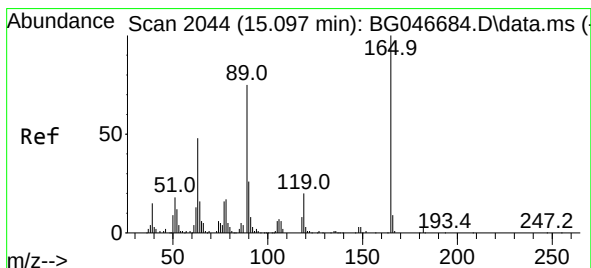
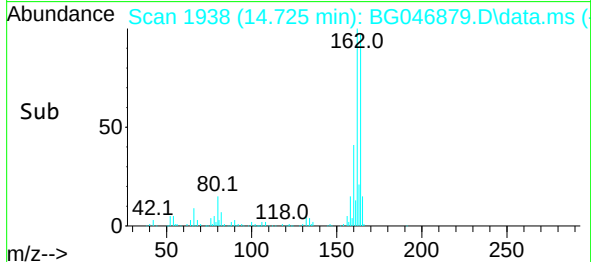
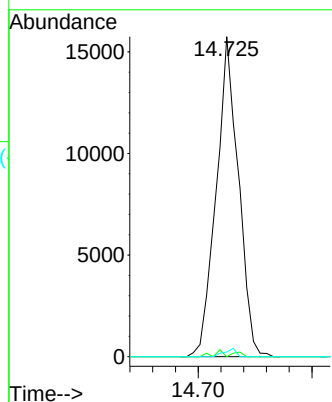
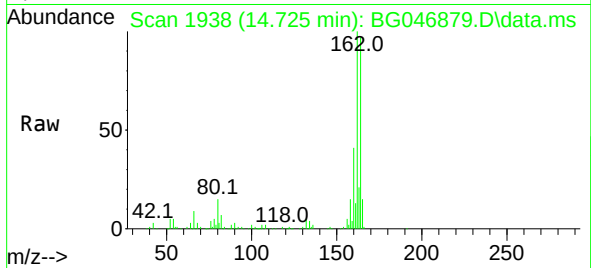




#51
2,6-Dinitrotoluene
Concen: 10.84 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

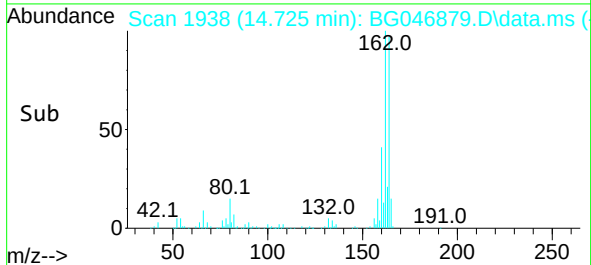
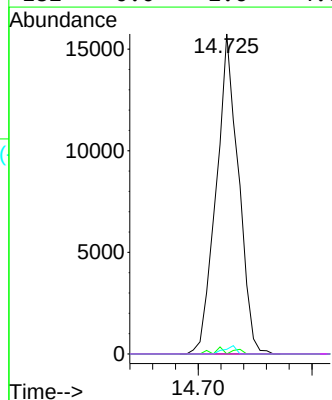
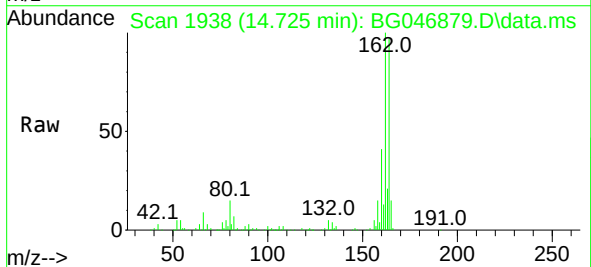
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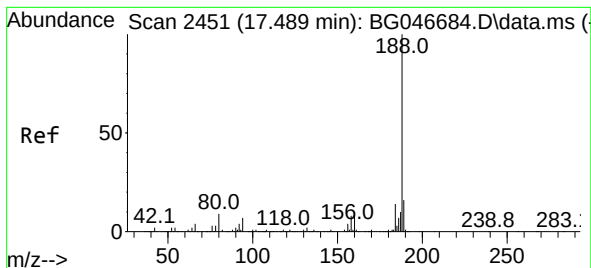
Tgt Ion:165 Resp: 21412
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 8.18 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion:165 Resp: 21412
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.4 47.8 71.8#
182 0.0 2.6 4.0#

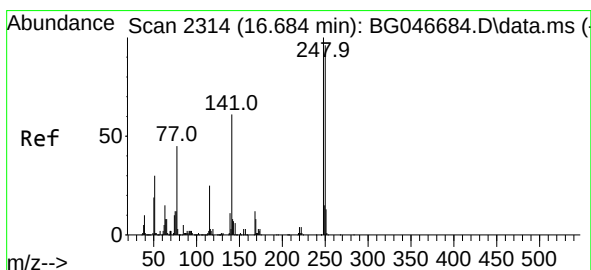
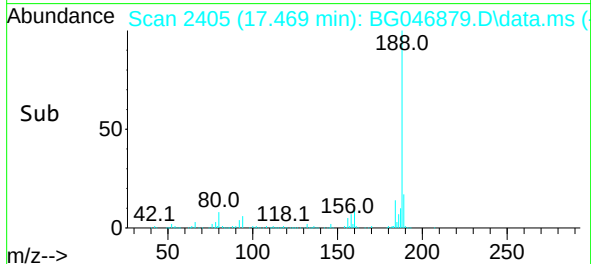
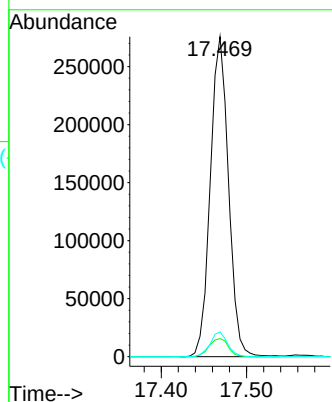
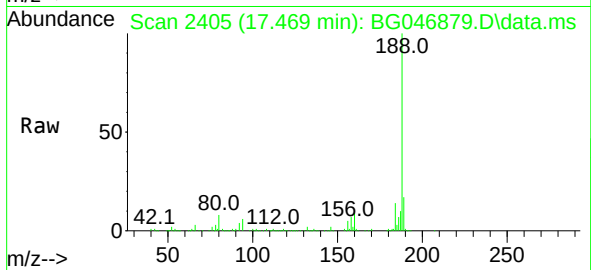




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

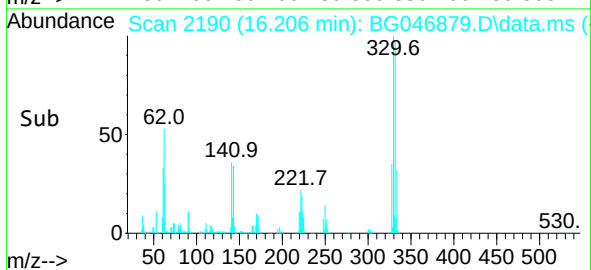
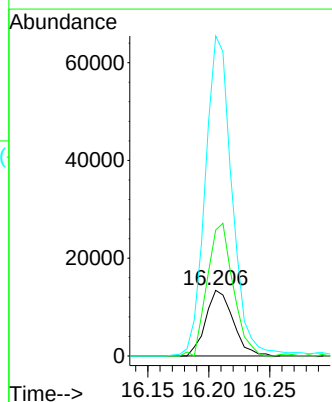
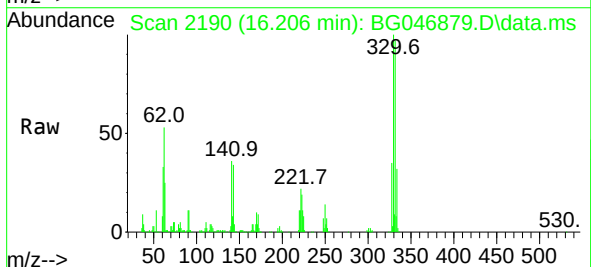
Instrument :
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PB132329TB

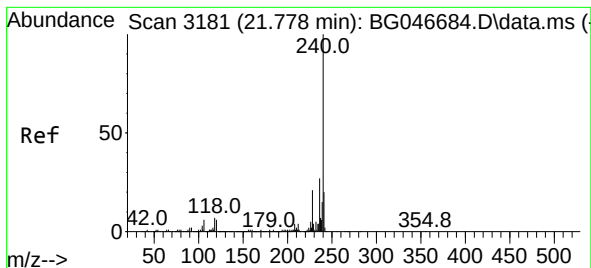
Tgt Ion:188 Resp: 408695
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 16.206 min Scan# 2190
Delta R.T. -0.457 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion:248 Resp: 20940
Ion Ratio Lower Upper
248 100
250 191.4 78.9 118.3#
141 380.5 46.2 69.4#

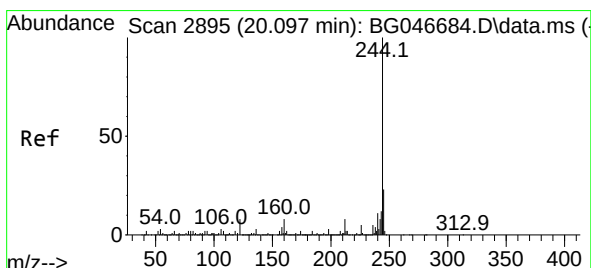
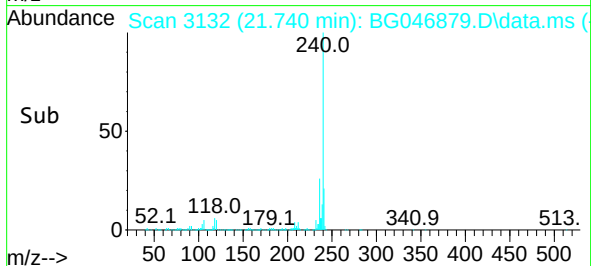
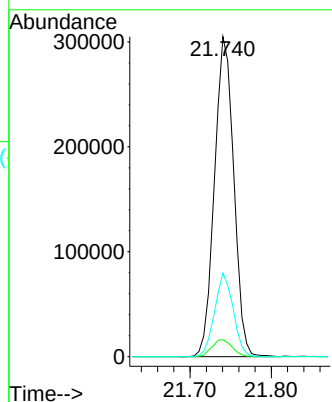
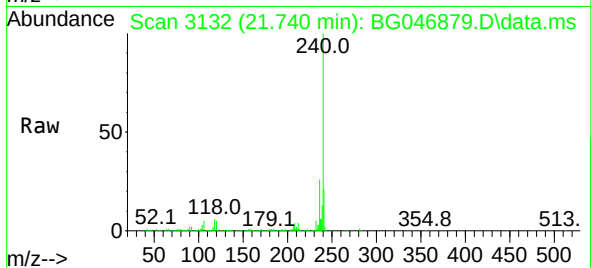




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

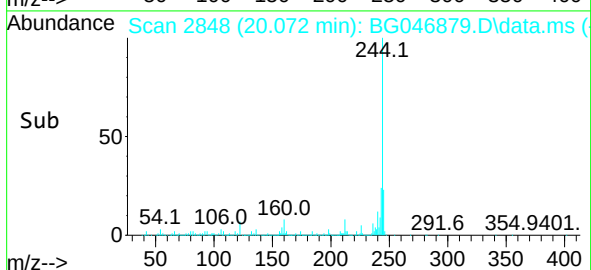
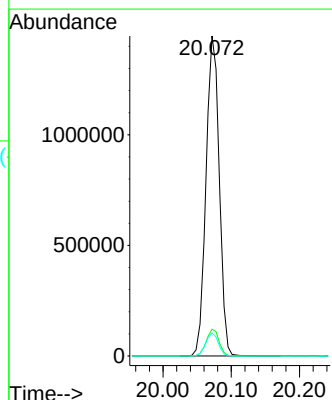
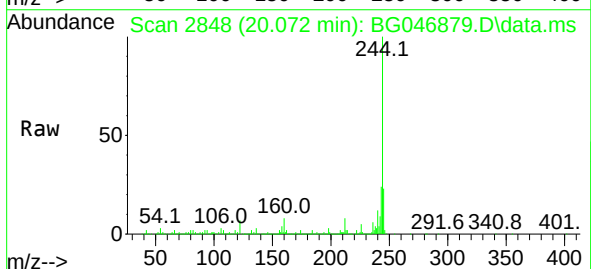
Instrument :
BNA_G
ClientSampleId :
PB132329TB

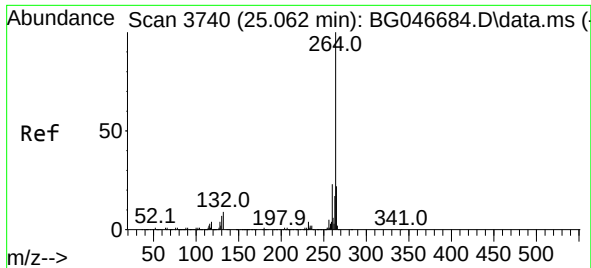
Tgt Ion:240 Resp: 503637
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 77.72 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046879.D
Acq: 13 Oct 2020 18:25

Tgt Ion:244 Resp: 1953155
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.2 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.007 min Scan# 3688
 Delta R.T. -0.022 min
 Lab File: BG046879.D
 Acq: 13 Oct 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB132329TB

Tgt Ion:264 Resp: 497561
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 20.2 17.8 26.8

