

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046877.D
 Acq On : 13 Oct 2020 17:04
 Operator : CG/JU
 Sample : PB132329BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132329BL

Quant Time: Oct 13 17:46:30 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)

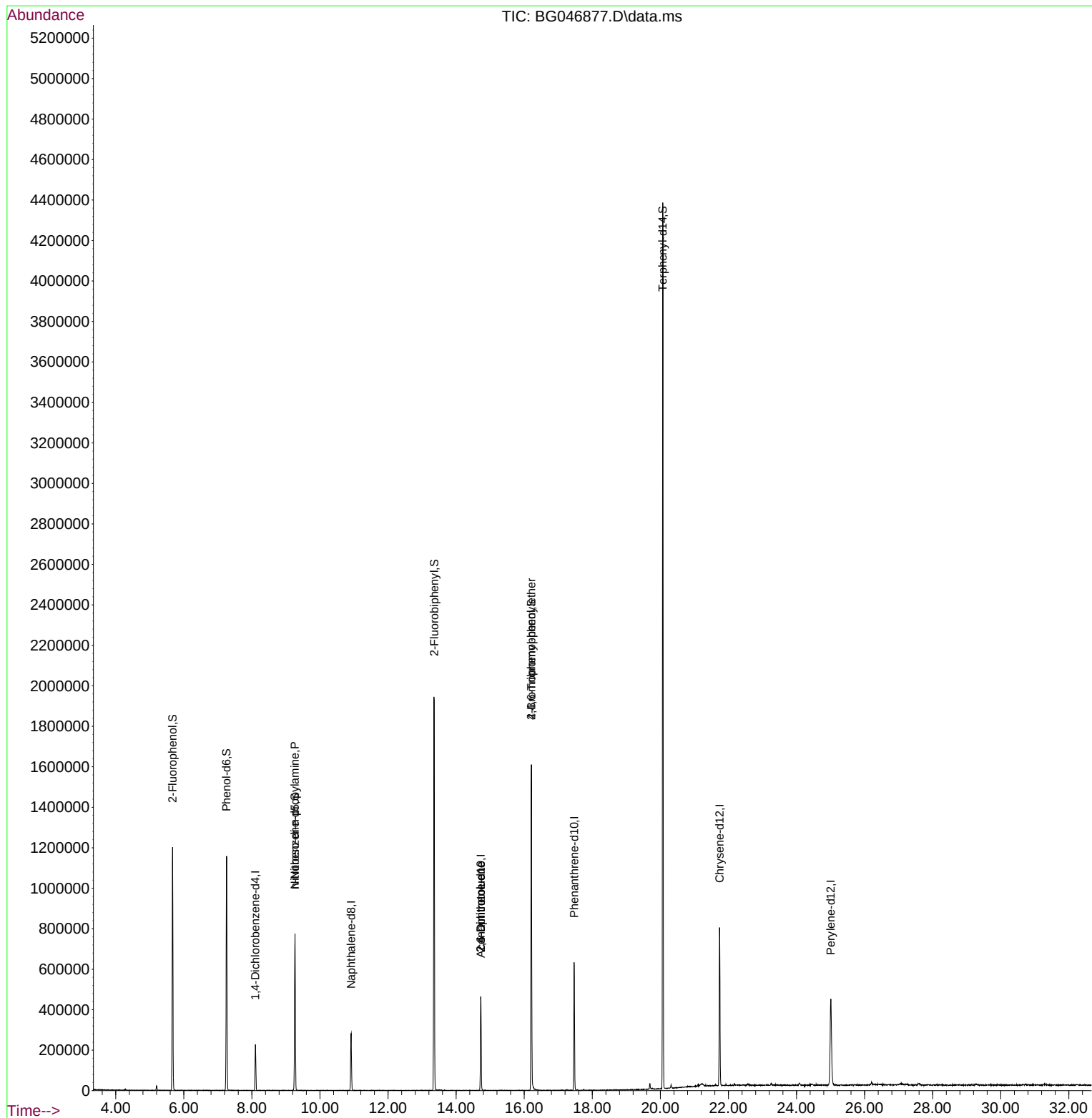
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	63764	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	235559	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	165215	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	419242	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	494325	20.00	ng	#-0.02
86) Perylene-d12	25.006	264	486318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	488659	122.77	ng	0.00
7) Phenol-d6	7.256	99	619431	110.33	ng	0.00
23) Nitrobenzene-d5	9.265	82	449488	101.52	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	321787	147.71	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	1040924	89.20	ng	0.00
79) Terphenyl-d14	20.070	244	1953839	79.22	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.244	77	1200	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.265	70	67196	17.45	ng	# 74
51) 2,6-Dinitrotoluene	14.724	165	21525	10.04	ng	# 34
57) 2,4-Dinitrotoluene	14.724	165	21525	7.58	ng	# 32
67) 4-Bromophenyl-phenylether	16.210	248	21841	4.12	ng	# 1

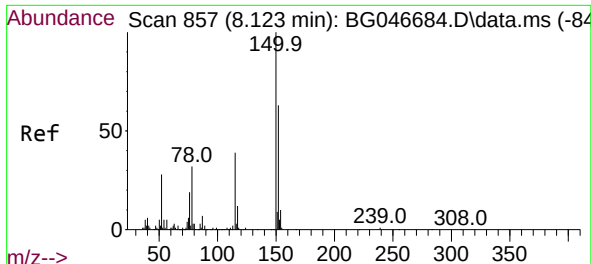
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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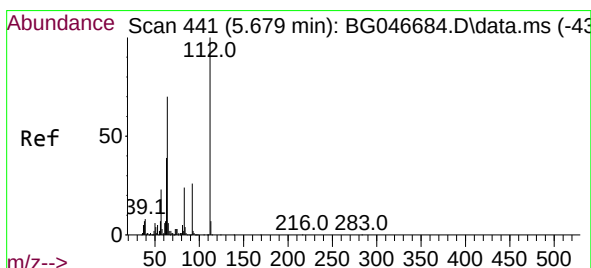
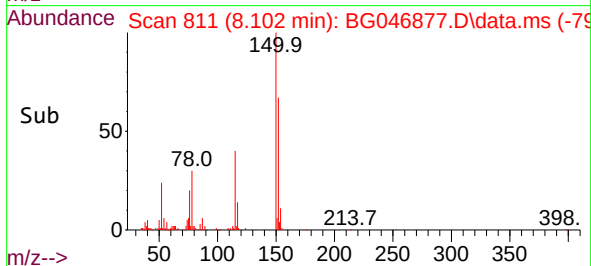
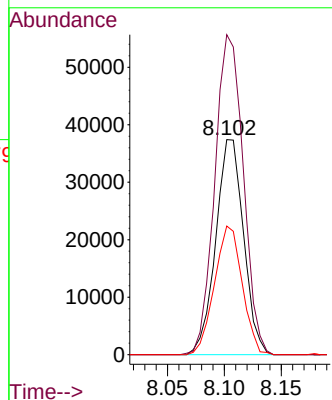
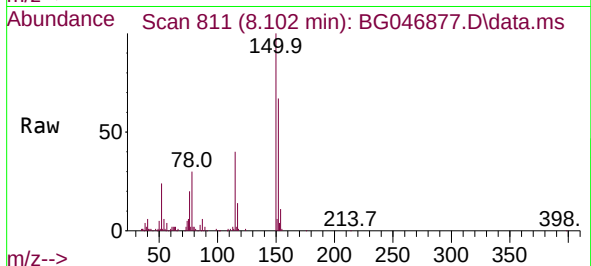




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

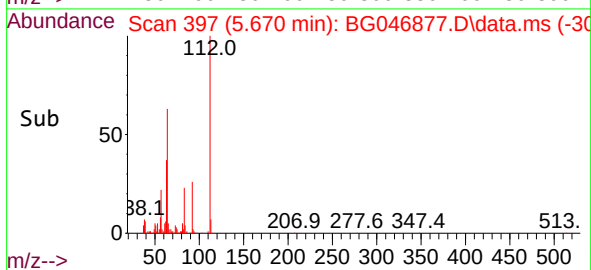
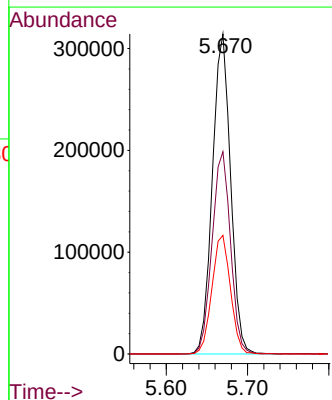
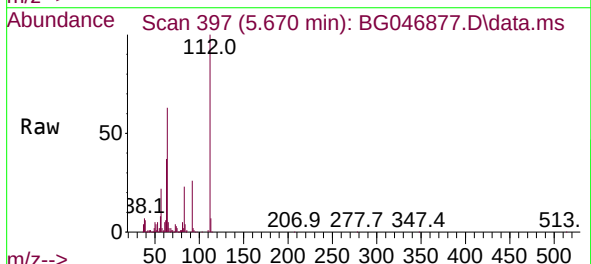
Instrument :
BNA_G
ClientSampleId :
PB132329BL

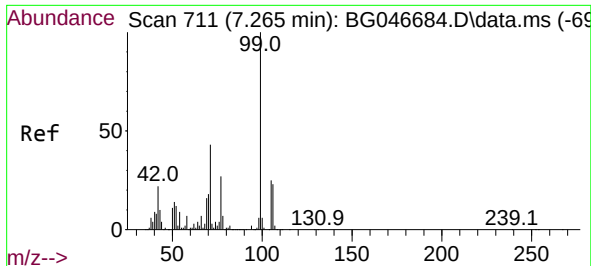
Tgt Ion:152 Resp: 63764
Ion Ratio Lower Upper
152 100
150 148.8 125.0 187.6
115 59.8 41.8 62.6



#5
2-Fluorophenol
Concen: 122.77 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:112 Resp: 488659
Ion Ratio Lower Upper
112 100
64 63.2 46.7 70.1
63 37.0 22.8 34.2#

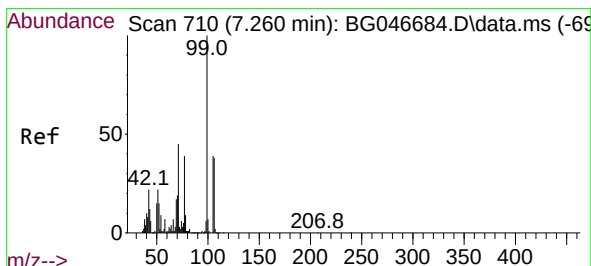
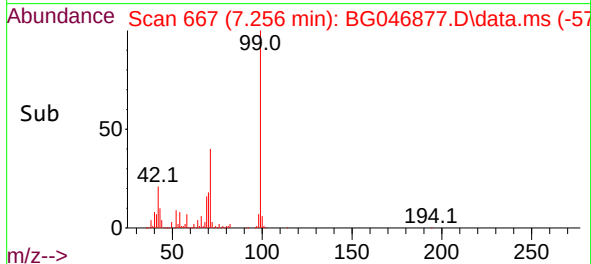
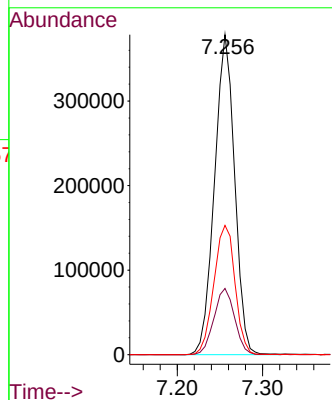
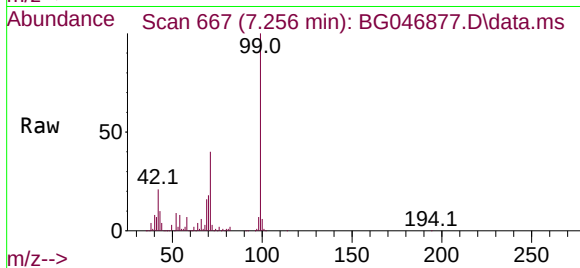




#7
Phenol-d6
Concen: 110.33 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

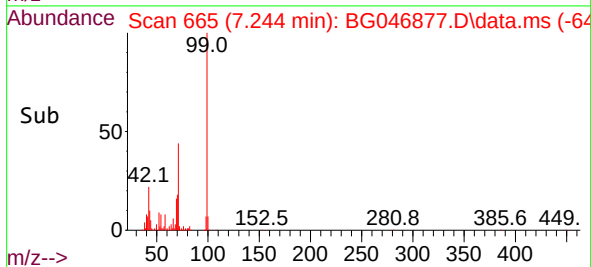
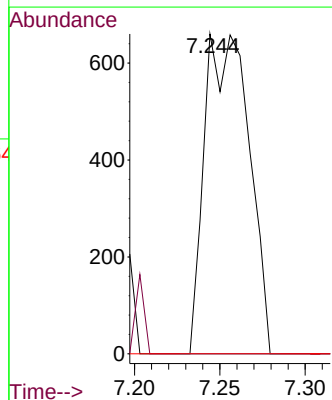
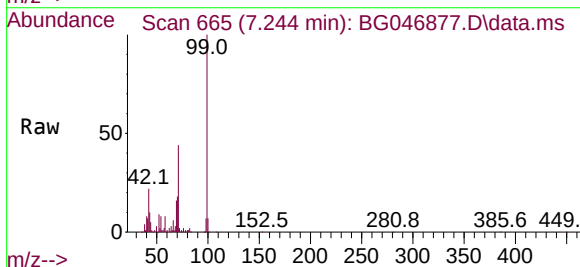
Instrument :
BNA_G
ClientSampleId :
PB132329BL

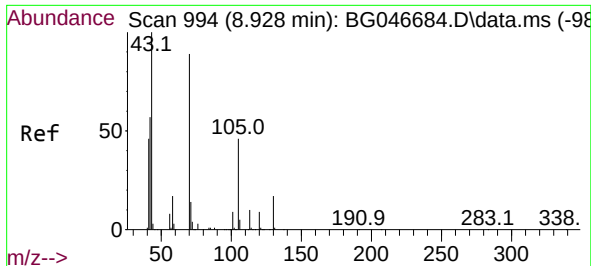
Tgt Ion: 99 Resp: 619431
Ion Ratio Lower Upper
99 100
42 20.7 12.8 19.2#
71 40.4 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.244 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

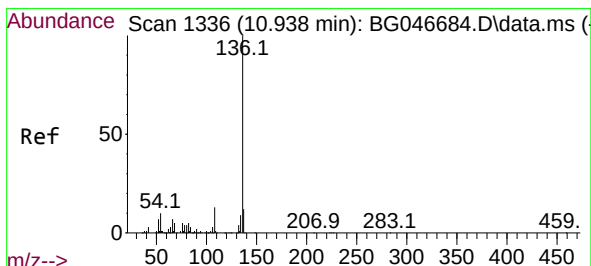
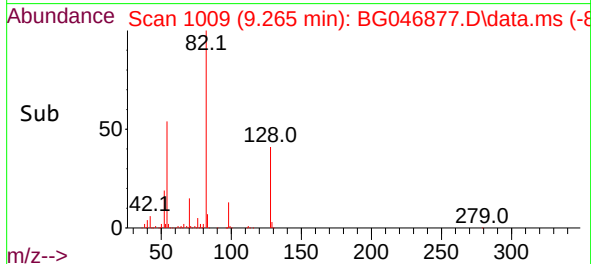
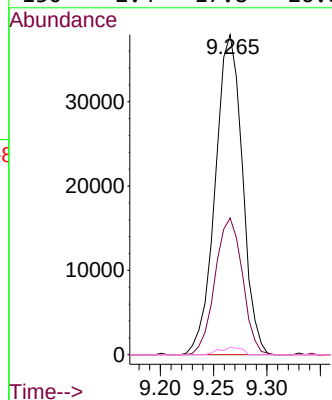
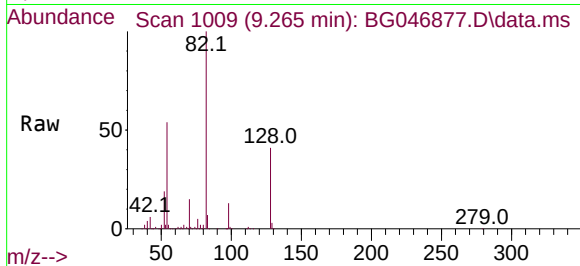




#19
n-Nitroso-di-n-propylamine
Concen: 17.45 ng
RT: 9.265 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

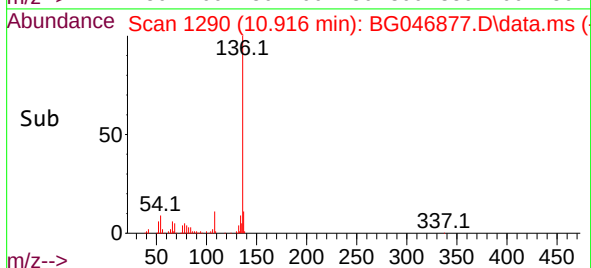
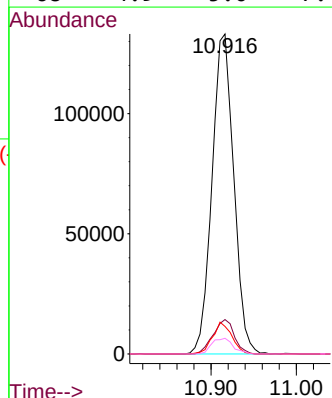
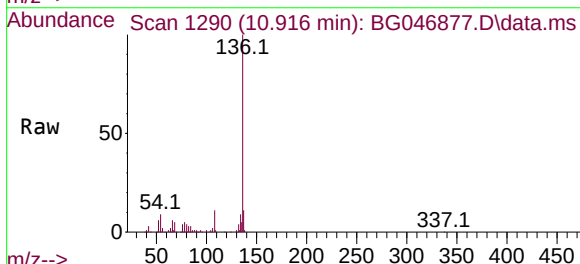
Instrument :
BNA_G
ClientSampleId :
PB132329BL

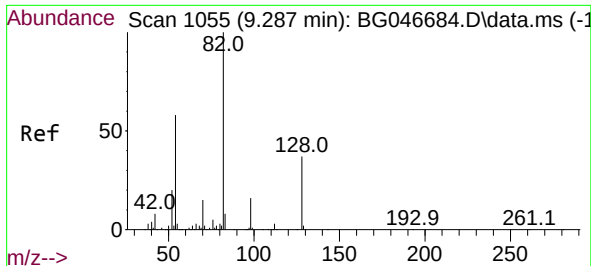
Tgt Ion:	70	Resp:	67196
Ion	Ratio	Lower	Upper
70	100		
42	42.7	45.6	68.4#
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:	136	Resp:	235559
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.6	6.2	9.4
68	4.9	5.0	7.4#

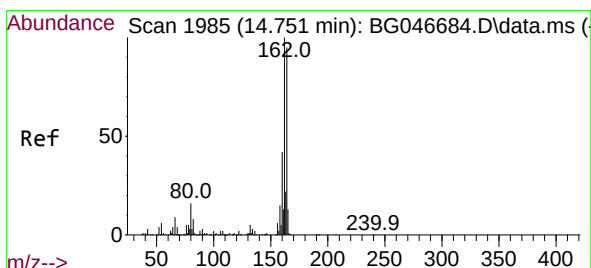
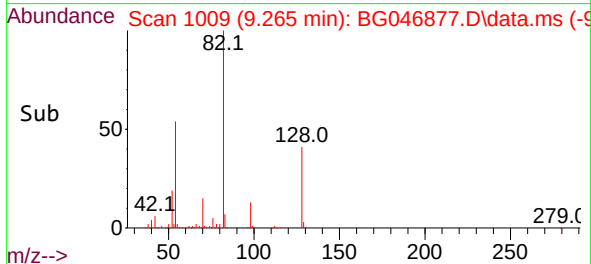
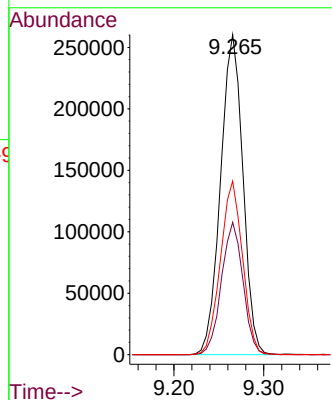
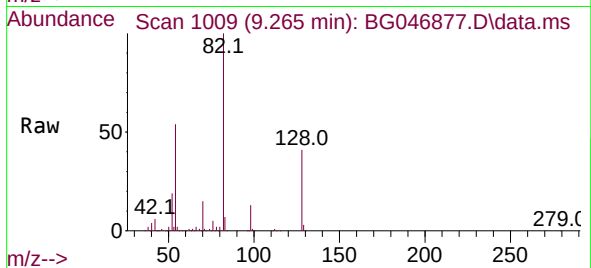




#23
Nitrobenzene-d5
Concen: 101.52 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

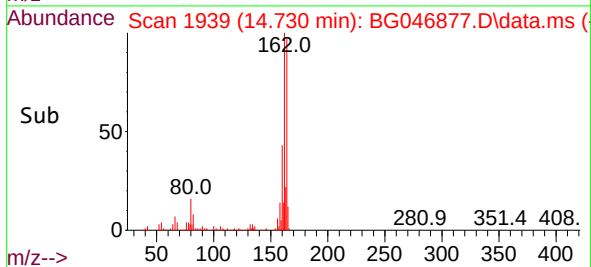
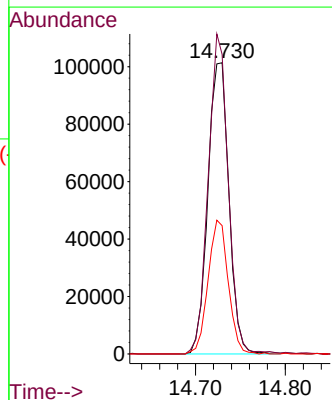
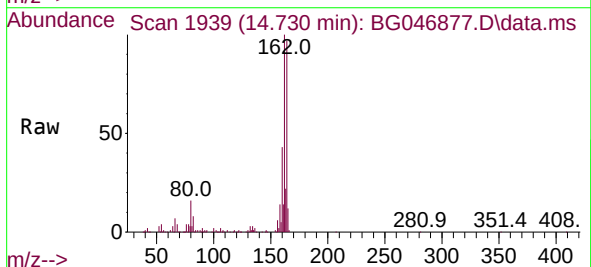
Instrument :
BNA_G
ClientSampleId :
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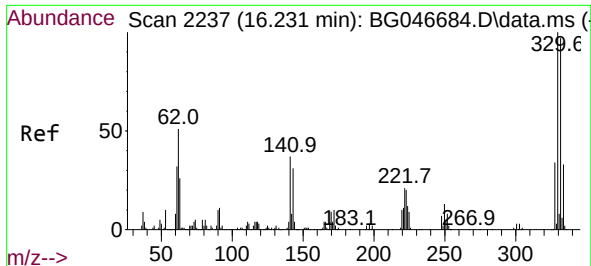
Tgt Ion: 82 Resp: 449488
Ion Ratio Lower Upper
82 100
128 41.4 37.0 55.6
54 54.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:164 Resp: 165215
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 44.1 35.3 52.9

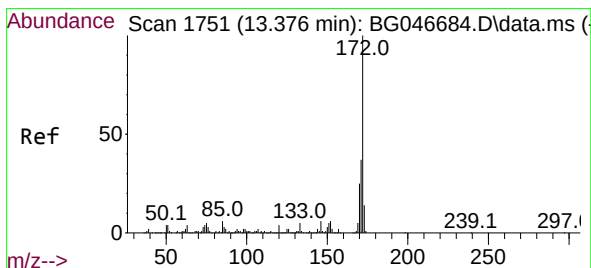
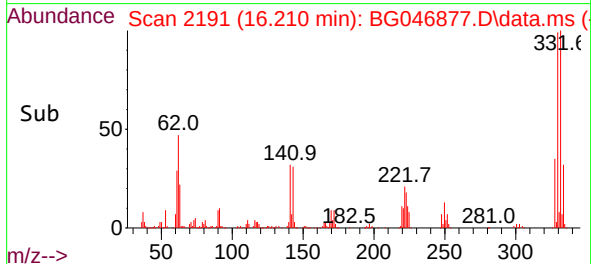
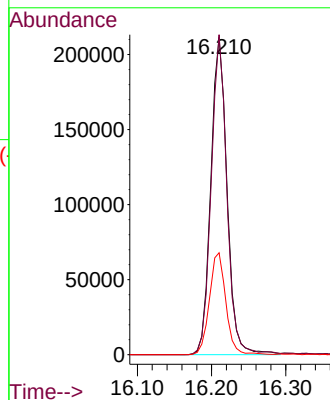
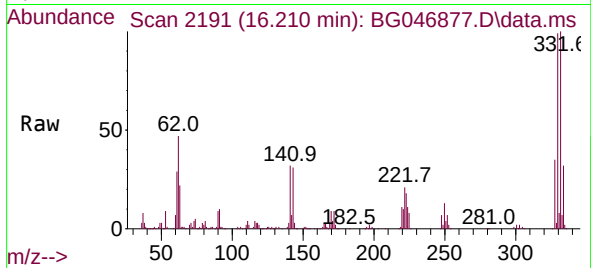




#42
2,4,6-Tribromophenol
Concen: 147.71 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

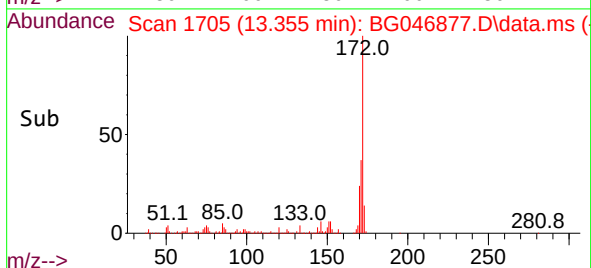
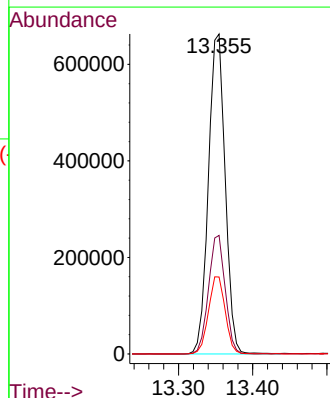
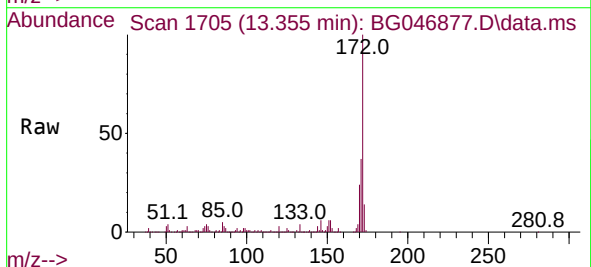
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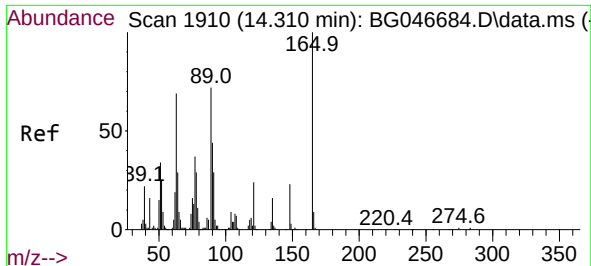
Tgt Ion:330 Resp: 321787
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 32.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 89.20 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:172 Resp: 1040924
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.1 20.8 31.2

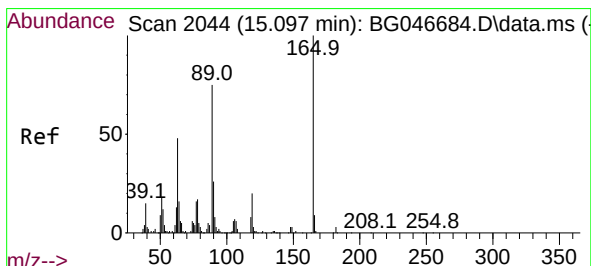
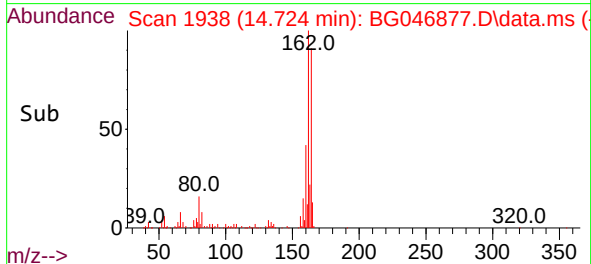
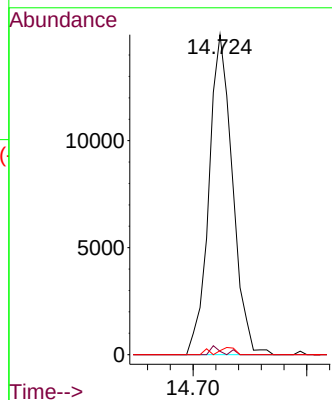
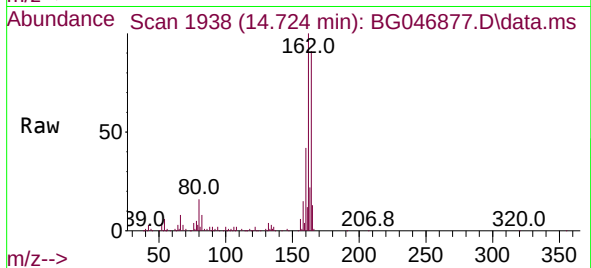




#51
2,6-Dinitrotoluene
Concen: 10.04 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.423 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

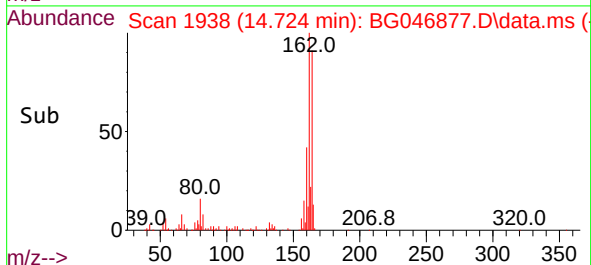
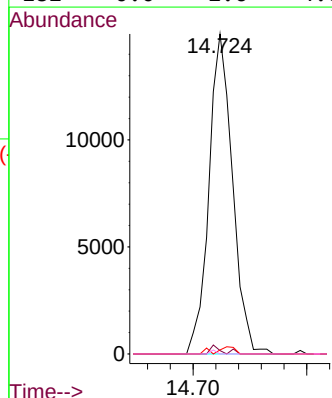
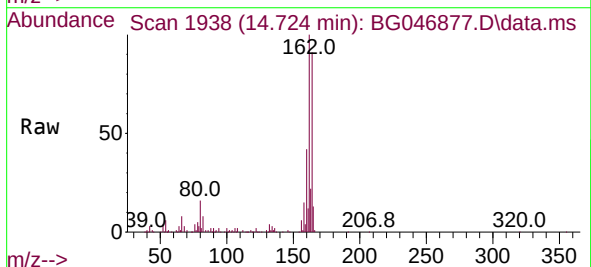
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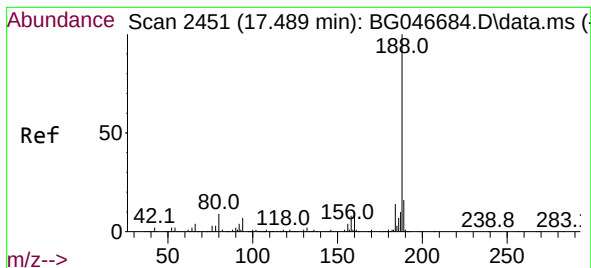
Tgt Ion:165 Resp: 21525
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:165 Resp: 21525
Ion Ratio Lower Upper
165 100
63 1.1 26.4 39.6#
89 1.3 47.8 71.8#
182 0.0 2.6 4.0#

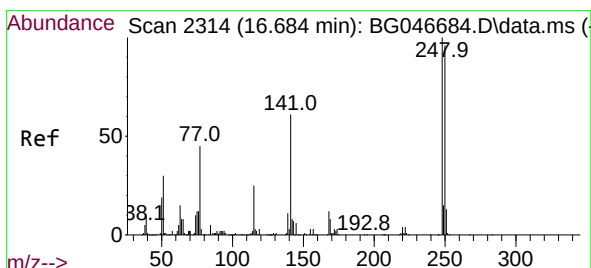
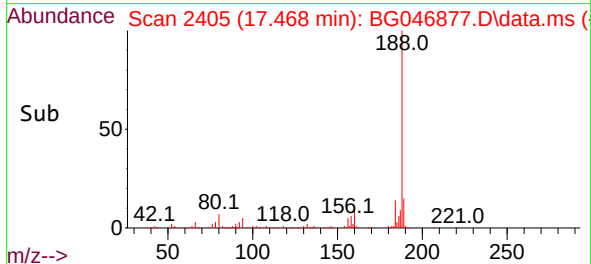
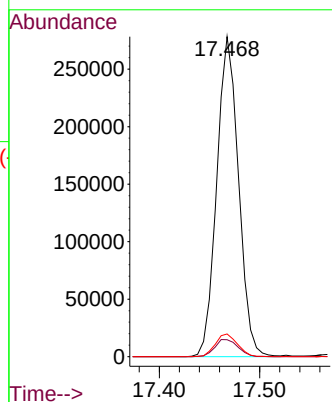
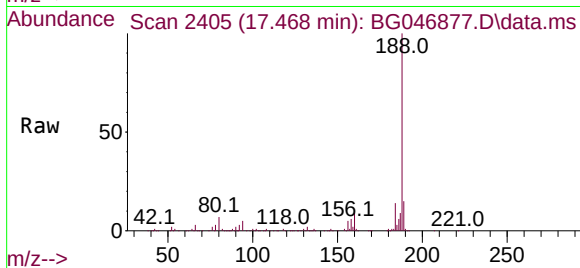




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

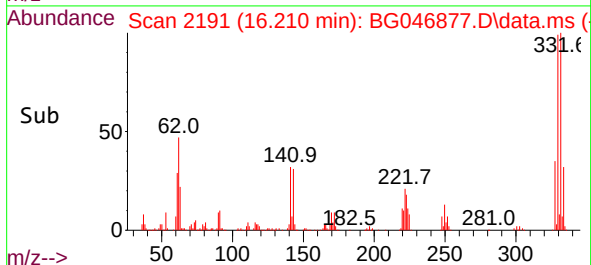
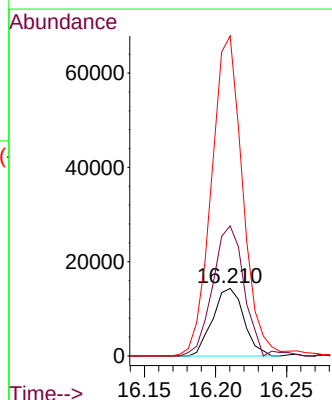
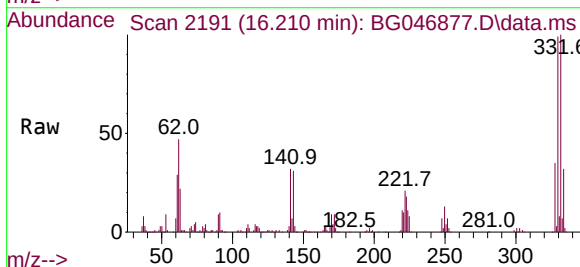
Instrument :
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PB132329BL

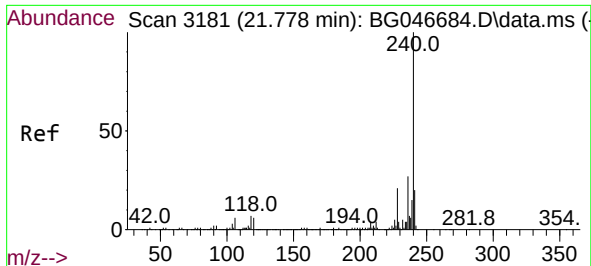
Tgt Ion:188 Resp: 419242
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 7.1 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:248 Resp: 21841
Ion Ratio Lower Upper
248 100
250 192.5 78.9 118.3#
141 354.5 46.2 69.4#

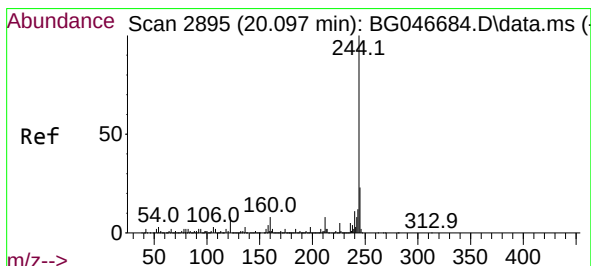
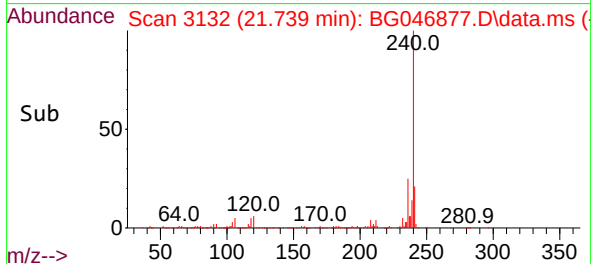
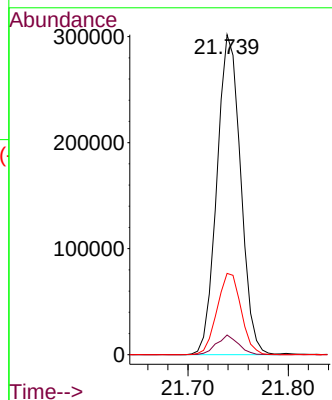
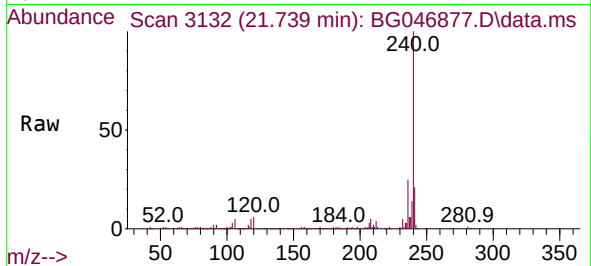




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

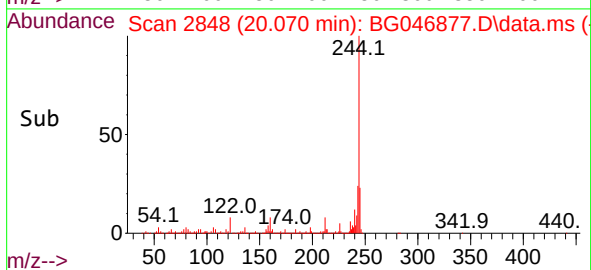
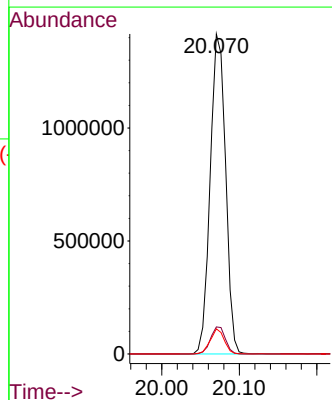
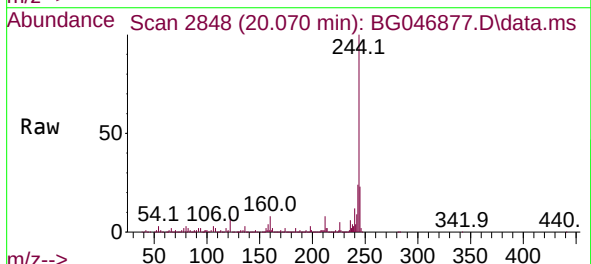
Instrument :
BNA_G
ClientSampleId :
PB132329BL

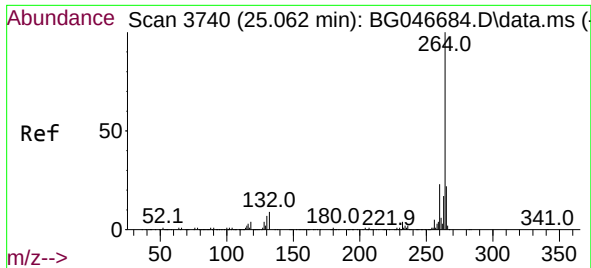
Tgt Ion:240 Resp: 494325
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 79.22 ng
RT: 20.070 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BG046877.D
Acq: 13 Oct 2020 17:04

Tgt Ion:244 Resp: 1953839
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.8 7.8 11.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.006 min Scan# 3688
 Delta R.T. -0.023 min
 Lab File: BG046877.D
 Acq: 13 Oct 2020 17:04

Instrument :
 BNA_G
 ClientSampleId :
 PB132329BL

Tgt Ion:264 Resp: 486318
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 22.3 17.8 26.8

