

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046874.D
 Acq On : 13 Oct 2020 15:02
 Operator : CG/JU
 Sample : PB132232BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132232BL

Quant Time: Oct 13 15:55:23 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)

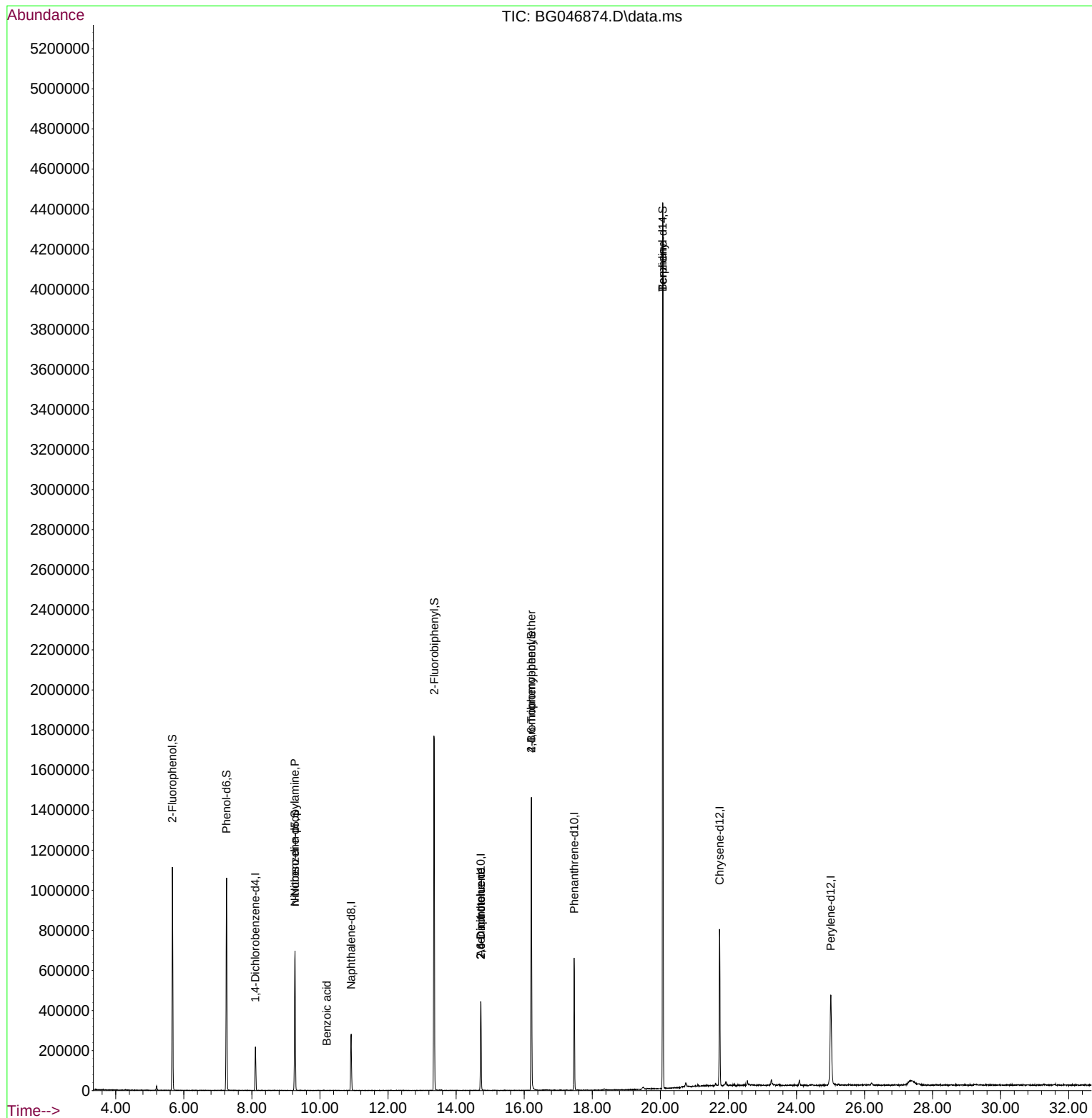
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	60225	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	233341	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	165342	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	419925	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	496328	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	488249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	443716	118.03	ng	0.00
7) Phenol-d6	7.257	99	567848	107.09	ng	0.00
23) Nitrobenzene-d5	9.266	82	410657	93.63	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	298035	136.70	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	966890	82.79	ng	0.00
79) Terphenyl-d14	20.071	244	1918836	77.48	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.263	77	1106	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	58756	16.16	ng	# 79
32) Benzoic acid	10.201	122	62	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	21639	10.08	ng	# 35
57) 2,4-Dinitrotoluene	14.731	165	21639	7.61	ng	# 34
67) 4-Bromophenyl-phenylether	16.211	248	20495	3.86	ng	# 1
77) Benzidine	20.071	184	33365	2.18	ng	# 94

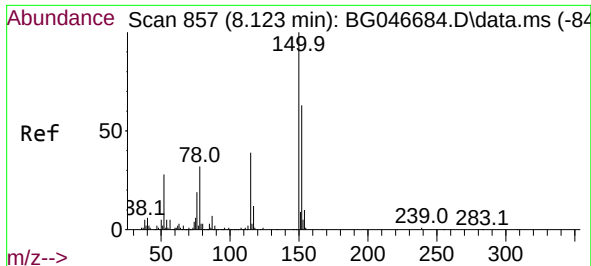
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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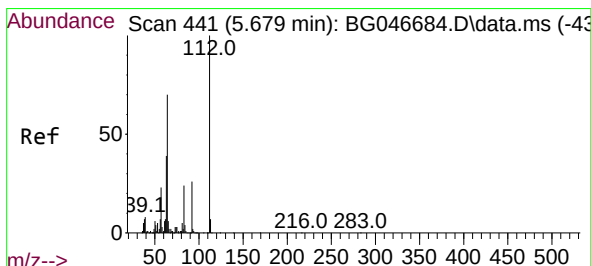
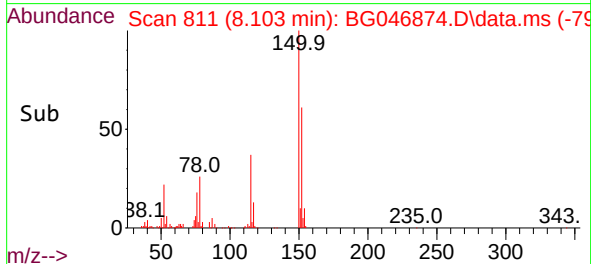
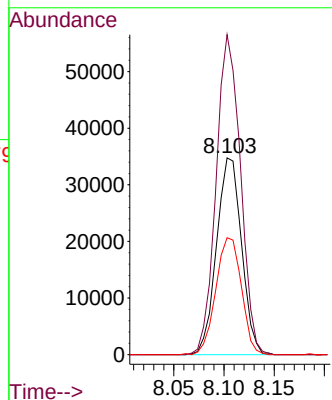
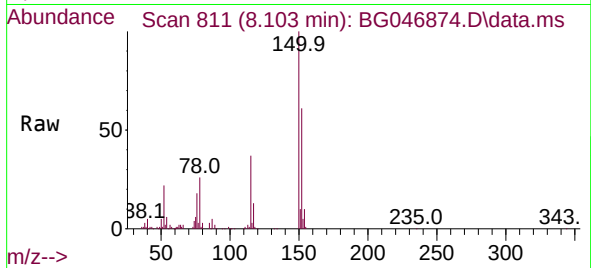




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

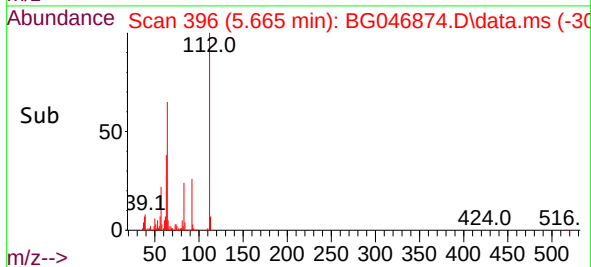
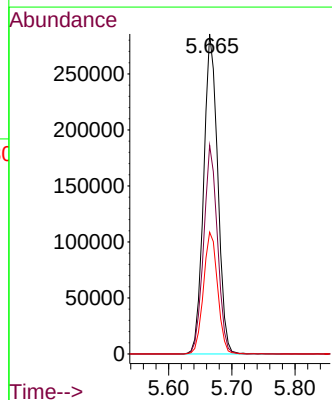
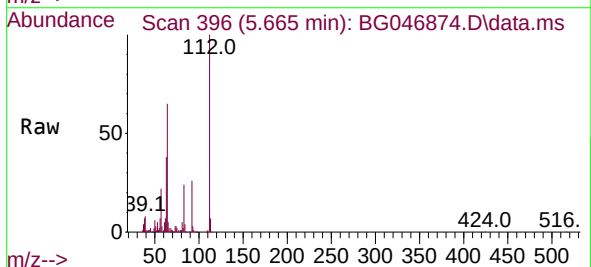
Instrument :
BNA_G
ClientSampleId :
PB132232BL

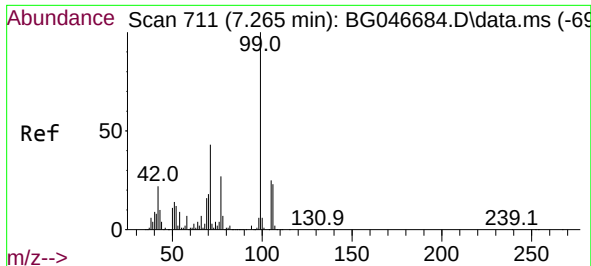
Tgt Ion:152 Resp: 60225
Ion Ratio Lower Upper
152 100
150 162.6 125.0 187.6
115 59.5 41.8 62.6



#5
2-Fluorophenol
Concen: 118.03 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:112 Resp: 443716
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 38.1 22.8 34.2#

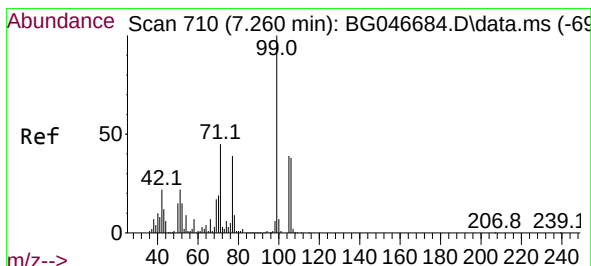
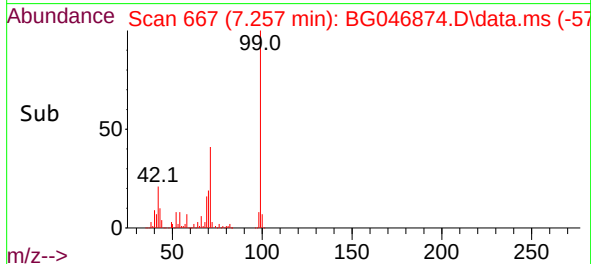
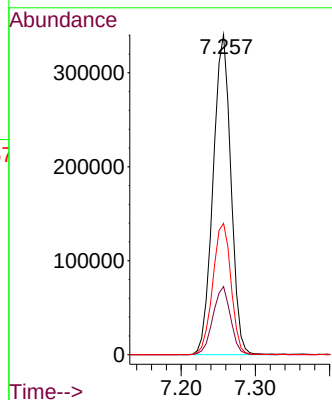
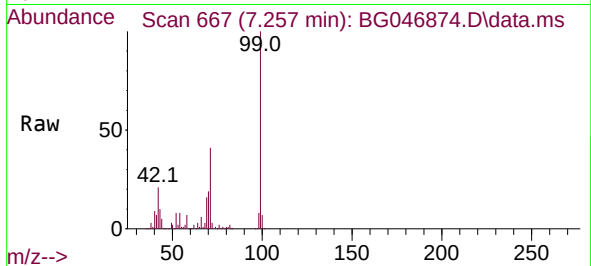




#7
Phenol-d6
Concen: 107.09 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

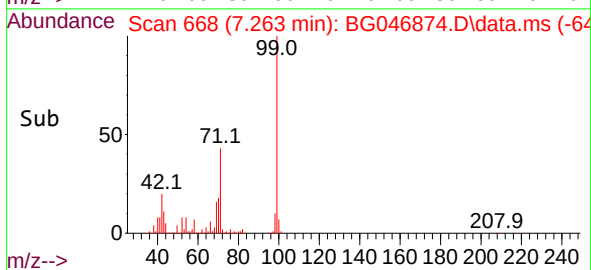
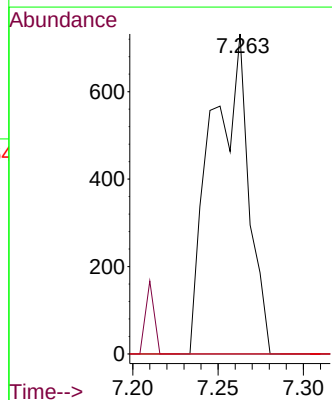
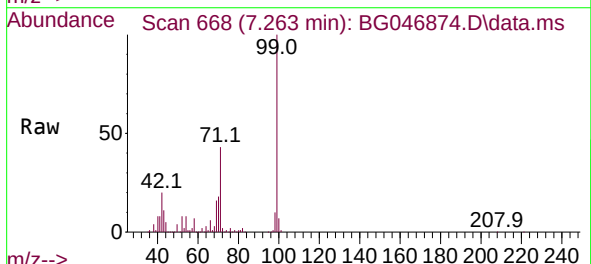
Instrument :
BNA_G
ClientSampleId :
PB132232BL

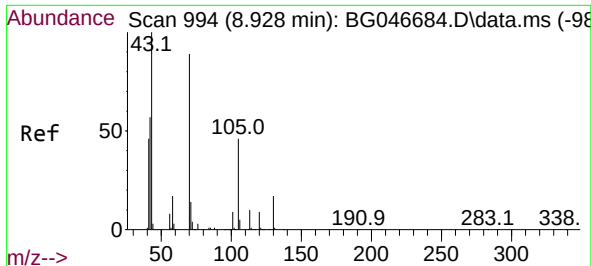
Tgt Ion: 99 Resp: 567848
Ion Ratio Lower Upper
99 100
42 21.3 12.8 19.2#
71 41.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.263 min Scan# 668
Delta R.T. 0.019 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

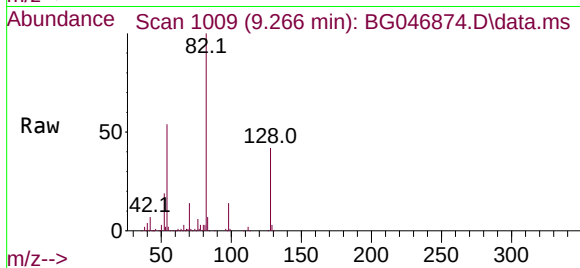
Tgt Ion: 77 Resp: 1106
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



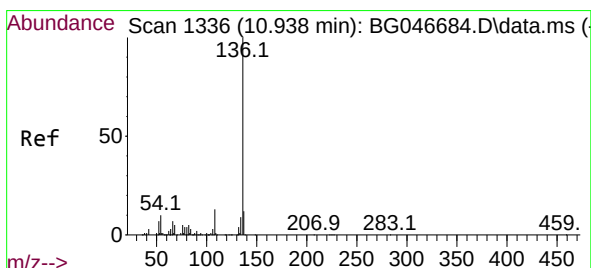
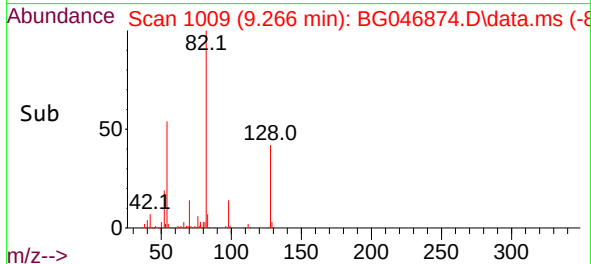
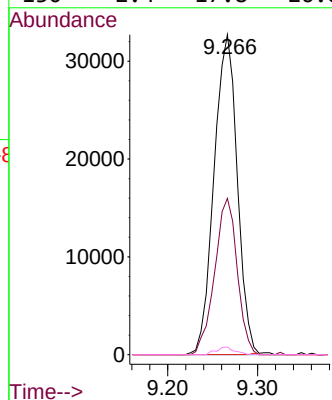


#19
n-Nitroso-di-n-propylamine
Concen: 16.16 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB132232BL

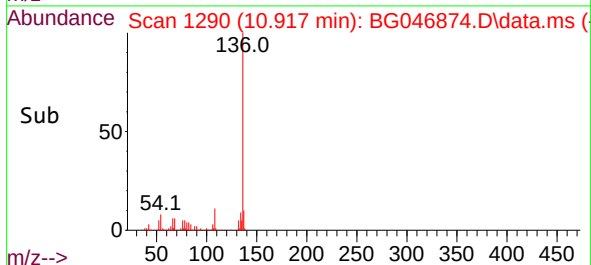
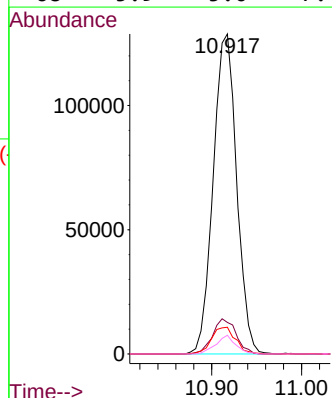
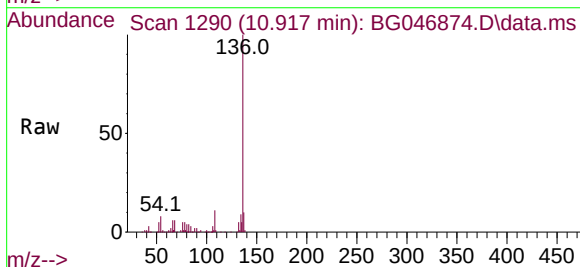


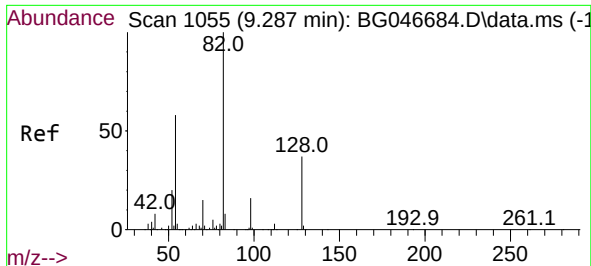
Tgt Ion: 70	Resp: 58756
Ion Ratio	Lower Upper
70 100	
42 48.9	45.6 68.4
101 0.0	8.4 12.6#
130 2.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion: 136	Resp: 233341
Ion Ratio	Lower Upper
136 100	
137 9.9	9.1 13.7
54 8.4	6.2 9.4
68 5.9	5.0 7.4

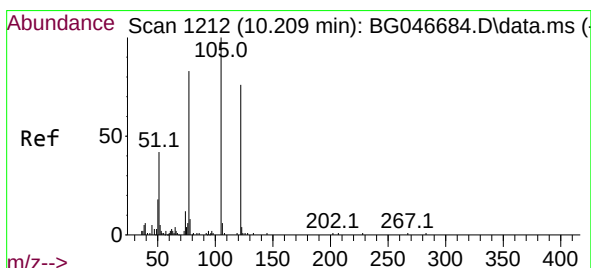
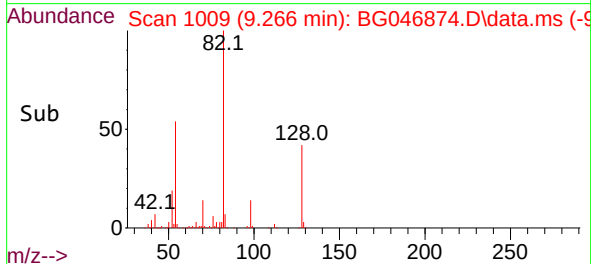
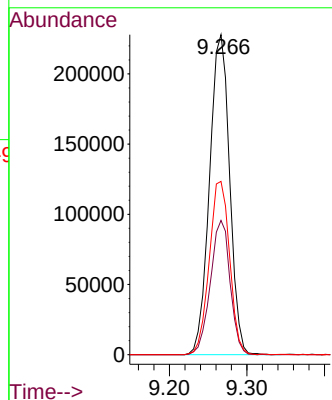
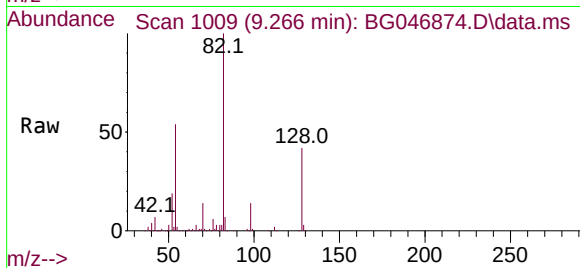




#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

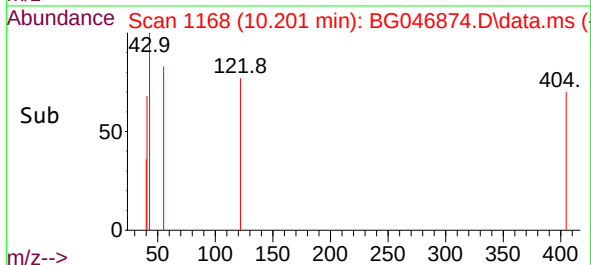
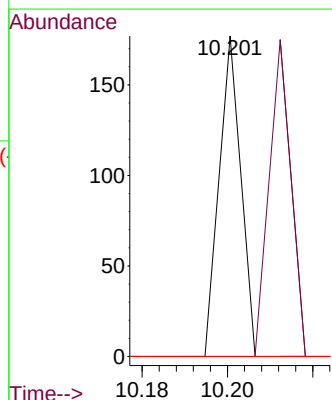
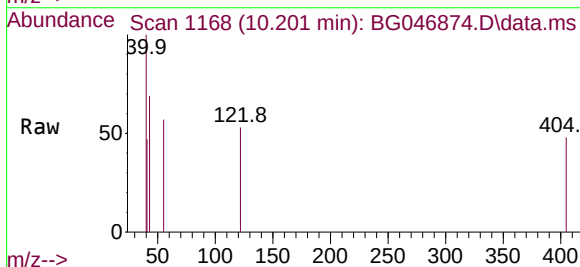
Instrument :
BNA_G
ClientSampleId :
PB132232BL

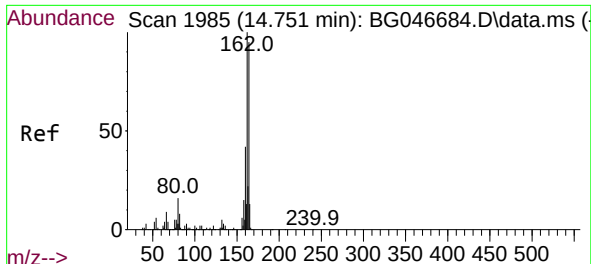
Tgt Ion: 82 Resp: 410657
Ion Ratio Lower Upper
82 100
128 41.9 37.0 55.6
54 54.1 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.201 min Scan# 1168
Delta R.T. 0.007 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

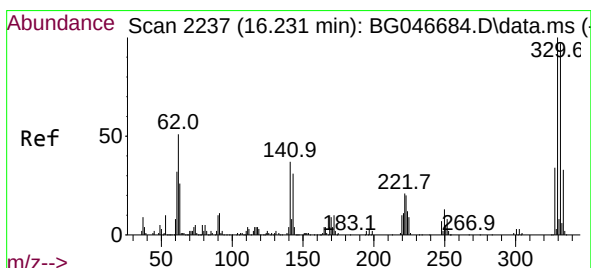
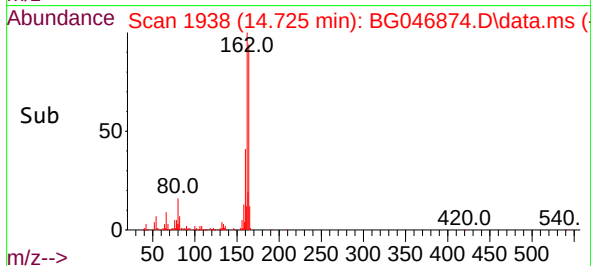
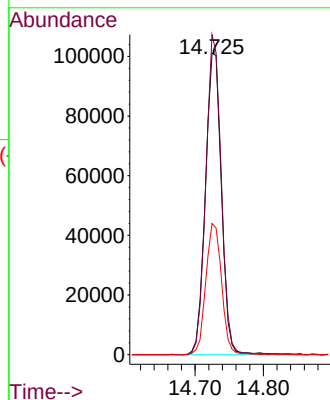
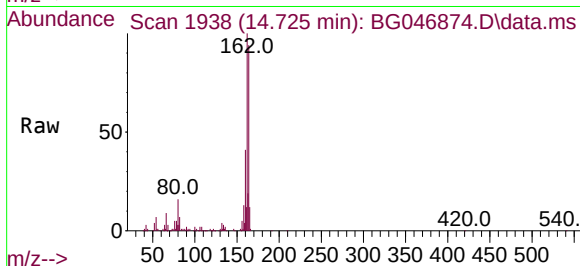




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

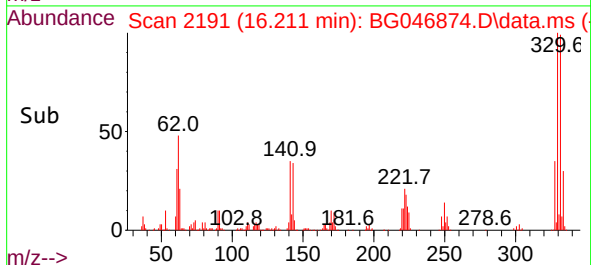
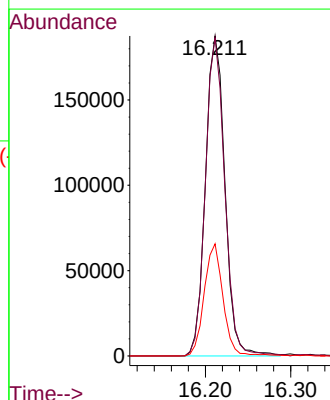
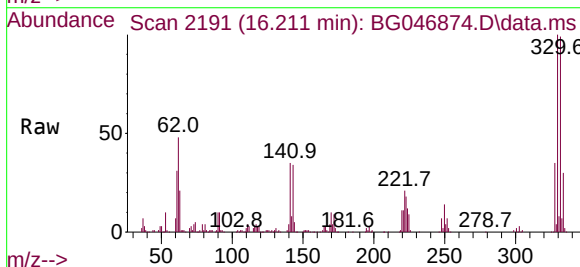
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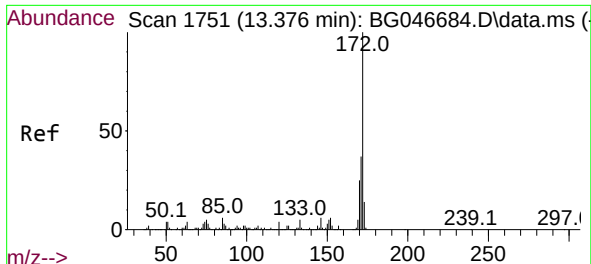
Tgt Ion:164 Resp: 165342
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 43.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 136.70 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:330 Resp: 298035
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 33.9 26.0 39.0

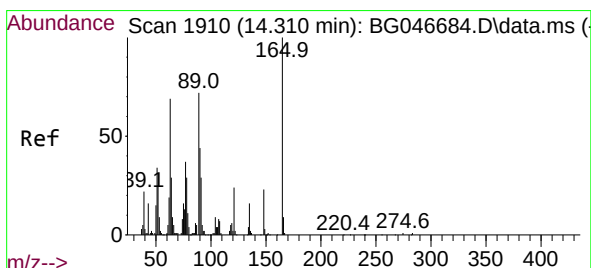
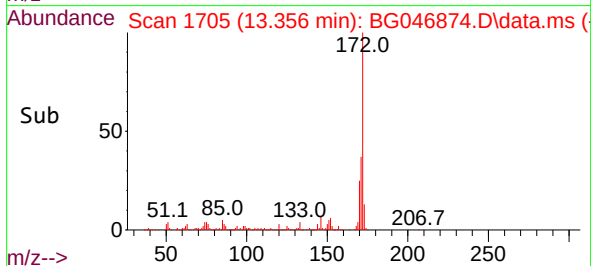
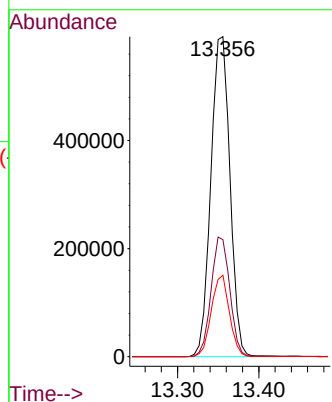
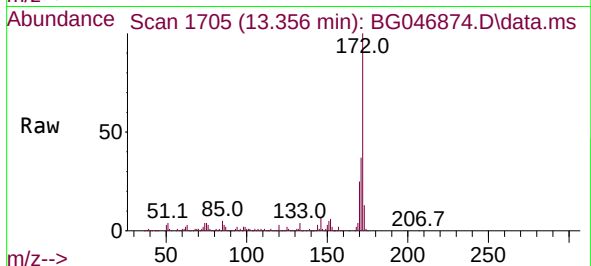




#45
2-Fluorobiphenyl
Concen: 82.79 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

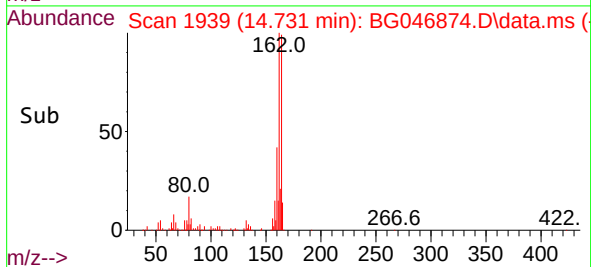
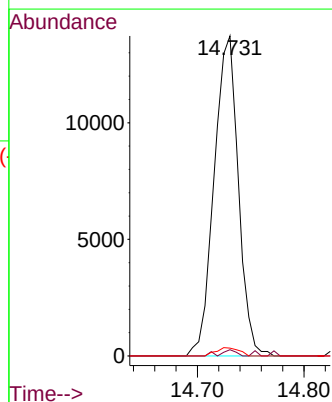
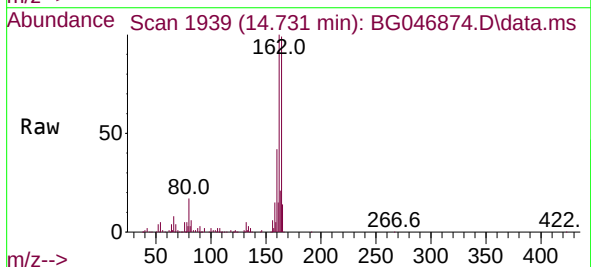
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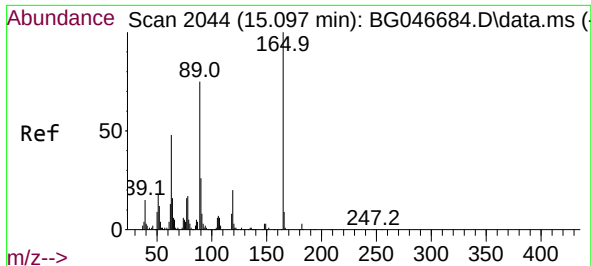
Tgt Ion:172 Resp: 966890
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 25.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.08 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:165 Resp: 21639
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 2.5 36.6 54.8#

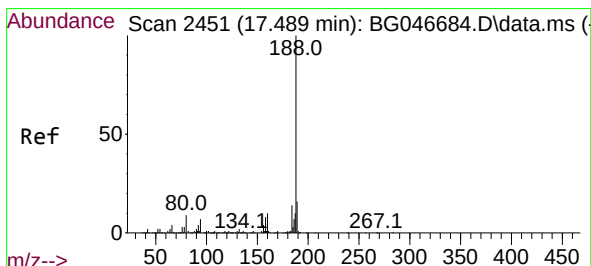
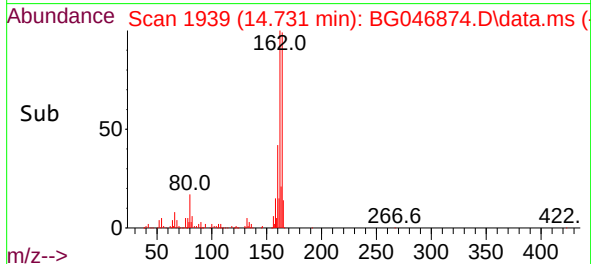
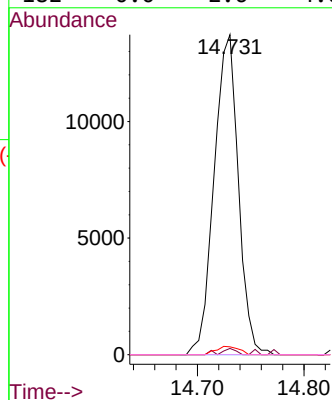
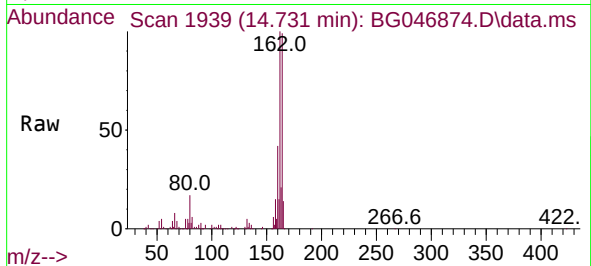




#57
2,4-Dinitrotoluene
Concen: 7.61 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.351 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

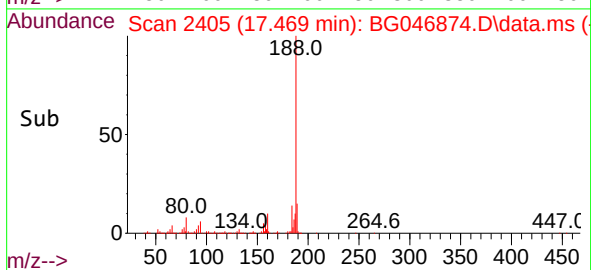
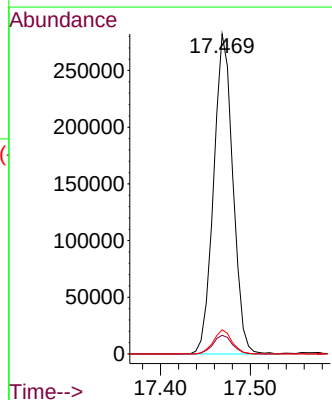
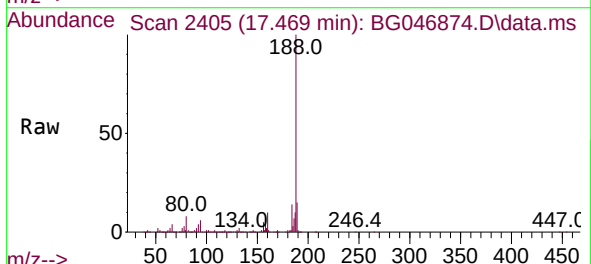
Instrument :
BNA_G
ClientSampleId :
PB132232BL

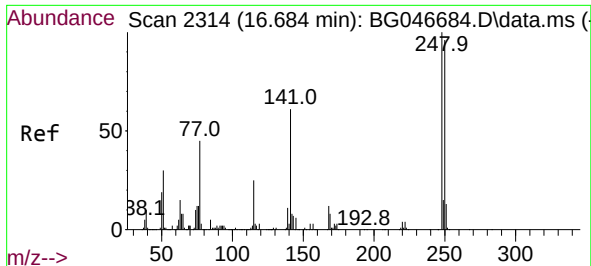
Tgt Ion:165 Resp: 21639
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:188 Resp: 419925
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.6 7.0 10.6

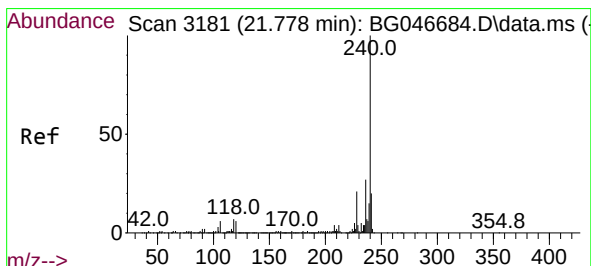
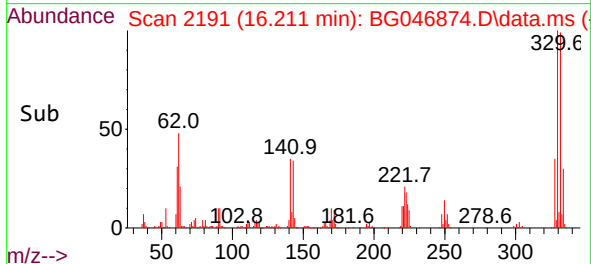
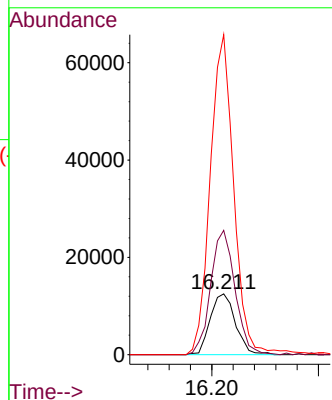
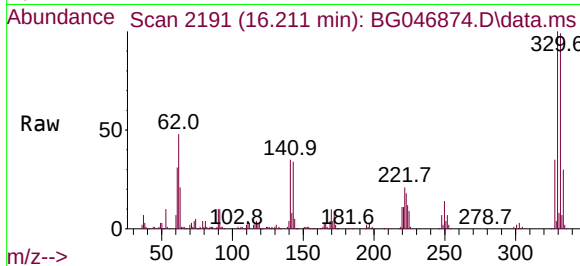




#67
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

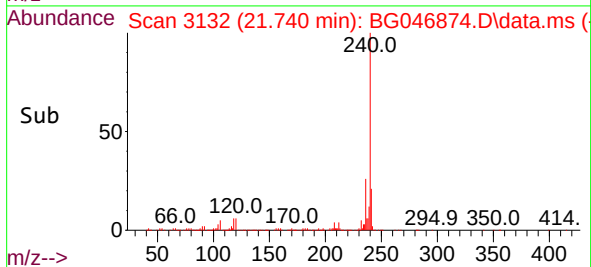
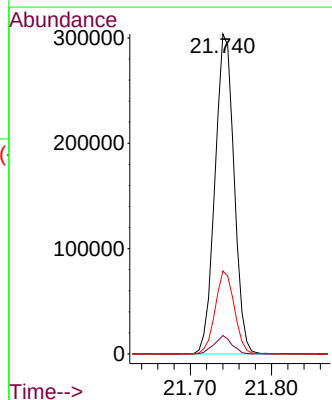
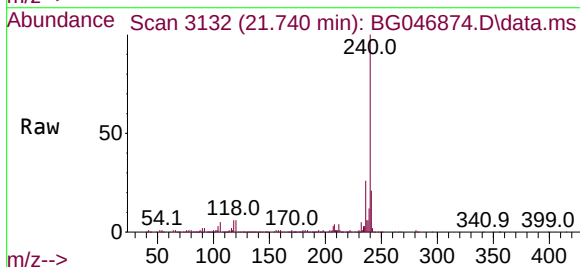
Instrument :
BNA_G
ClientSampled :
PB132232BL

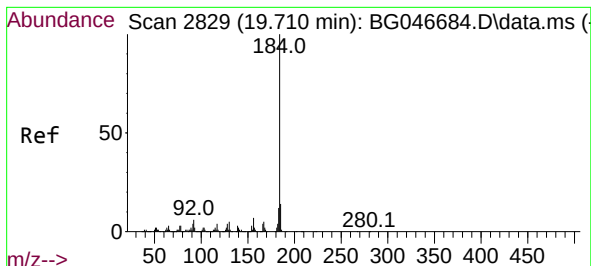
Tgt Ion:248 Resp: 20495
Ion Ratio Lower Upper
248 100
250 195.8 78.9 118.3#
141 383.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046874.D
Acq: 13 Oct 2020 15:02

Tgt Ion:240 Resp: 496328
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 25.9 20.5 30.7





#77

Benzidine

Concen: 2.18 ng

RT: 20.071 min Scan# 2848

Delta R.T. 0.371 min

Lab File: BG046874.D

Acq: 13 Oct 2020 15:02

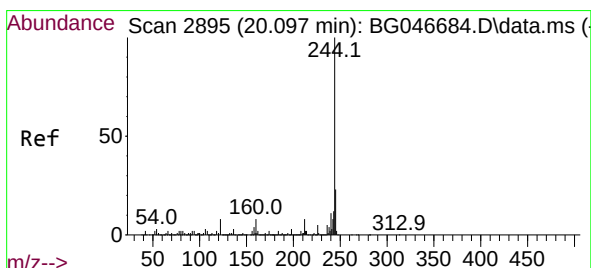
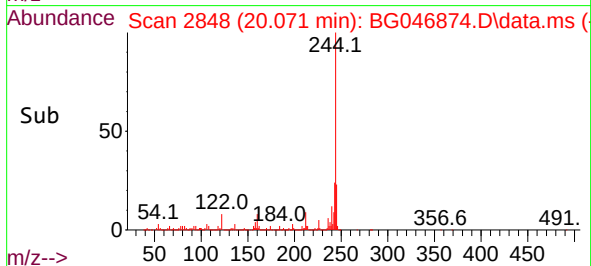
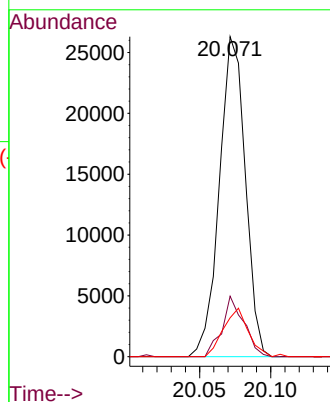
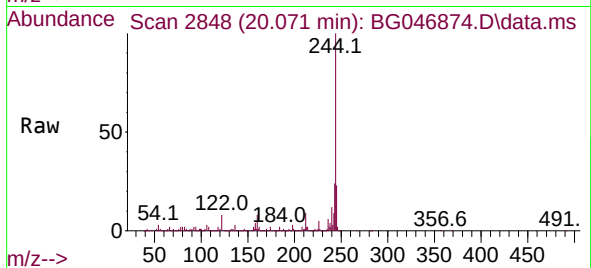
Instrument :

BNA_G

ClientSampleId :

PB132232BL

Tgt Ion:184	Resp:	33365
Ion Ratio	Lower	Upper
184	100	
185	18.9	12.4 18.6#
183	12.2	10.6 15.8



#79

Terphenyl-d14

Concen: 77.48 ng

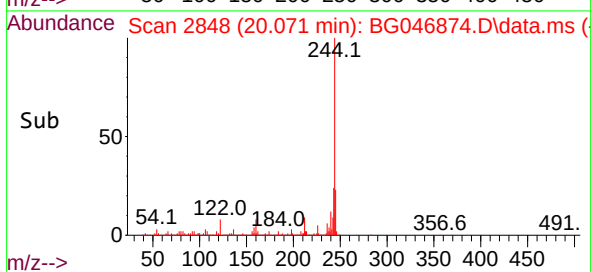
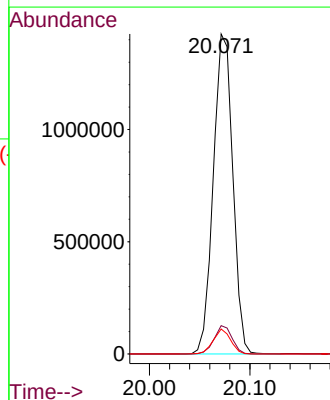
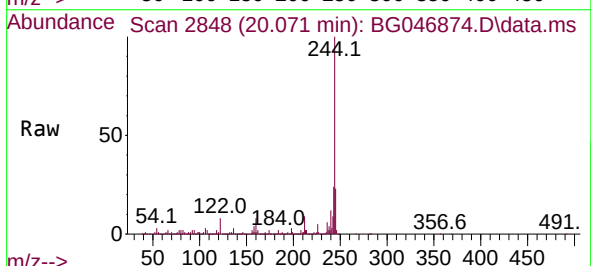
RT: 20.071 min Scan# 2848

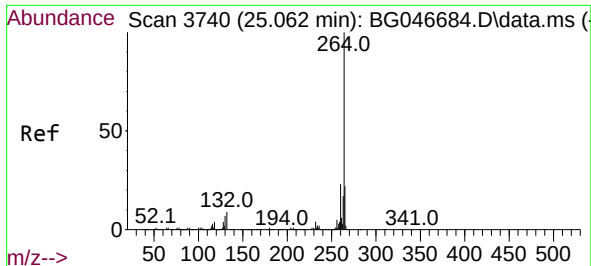
Delta R.T. -0.011 min

Lab File: BG046874.D

Acq: 13 Oct 2020 15:02

Tgt Ion:244	Resp:	1918836
Ion Ratio	Lower	Upper
244	100	
212	8.9	6.7 10.1
122	7.8	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: BG046874.D
 Acq: 13 Oct 2020 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB132232BL

Tgt Ion:264 Resp: 488249
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.8 28.2
 265 22.2 17.8 26.8

