

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046867.D
 Acq On : 13 Oct 2020 7:51
 Operator : CG/JU
 Sample : L4317-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11935

Quant Time: Oct 13 11:05:50 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)

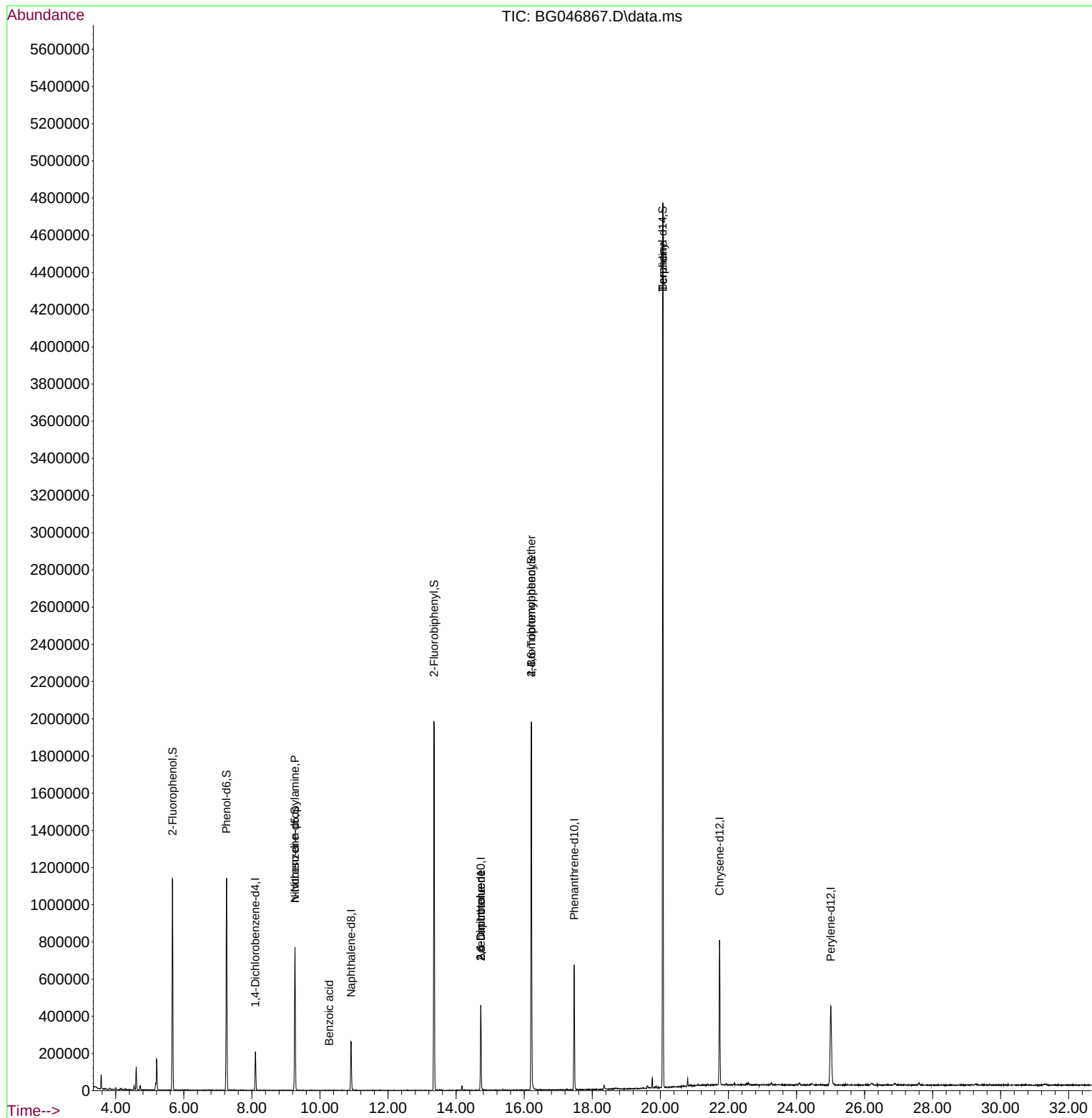
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	56916	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	219959	20.00	ng	# 0.00
39) Acenaphthene-d10	14.724	164	163435	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	438389	20.00	ng	#-0.01
76) Chrysene-d12	21.740	240	507102	20.00	ng	#-0.02
86) Perylene-d12	25.006	264	489609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	468402	131.84	ng	0.00
7) Phenol-d6	7.257	99	615234	122.77	ng	0.00
23) Nitrobenzene-d5	9.266	82	445720	107.80	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	399329	185.30	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	1060132	91.83	ng	-0.01
79) Terphenyl-d14	20.071	244	2175553	85.98	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1242	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	64793	18.86	ng	# 79
32) Benzoic acid	10.271	122	215	6.43	ng	# 1
51) 2,6-Dinitrotoluene	14.724	165	21889	10.32	ng	# 35
57) 2,4-Dinitrotoluene	14.724	165	21889	7.79	ng	# 33
67) 4-Bromophenyl-phenylether	16.211	248	29143	5.26	ng	# 1
77) Benzidine	20.077	184	37578	2.40	ng	96

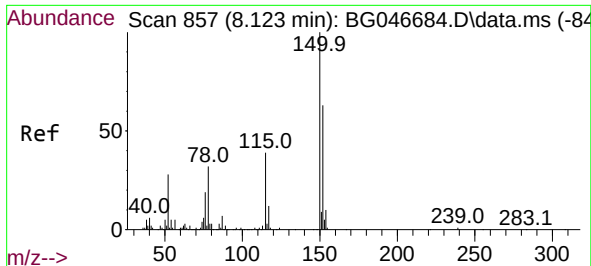
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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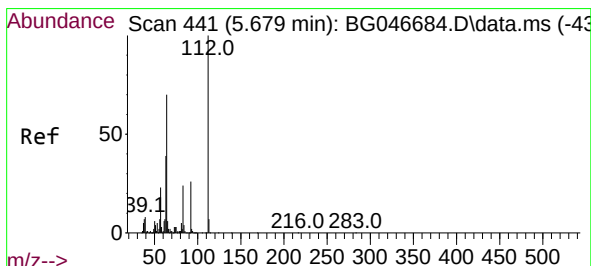
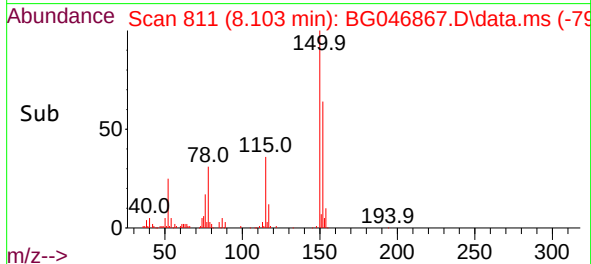
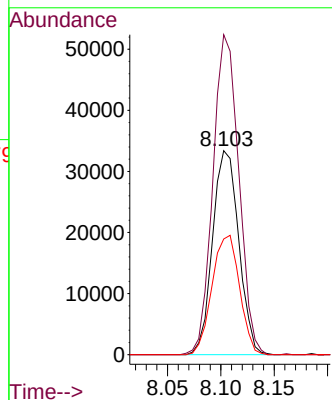
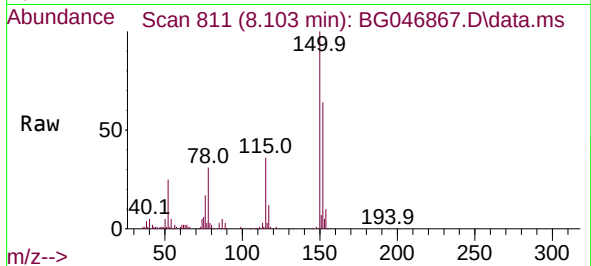




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

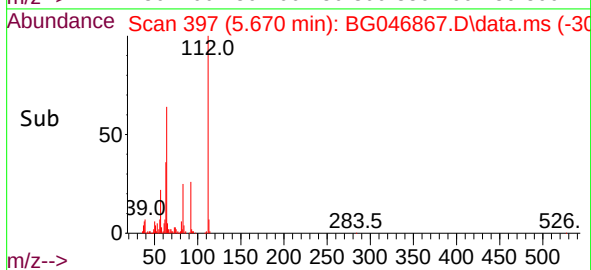
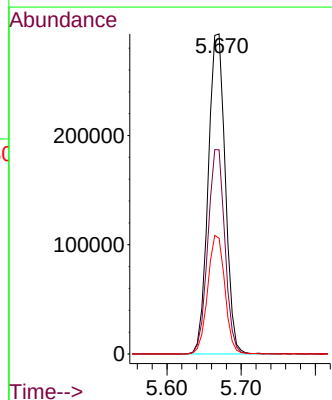
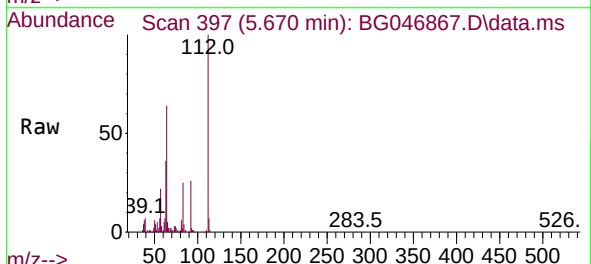
Instrument :
BNA_G
ClientSampleId :
11935

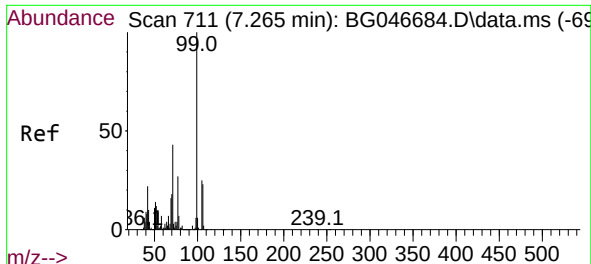
Tgt Ion:152 Resp: 56916
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 56.7 41.8 62.6



#5
2-Fluorophenol
Concen: 131.84 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:112 Resp: 468402
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 36.2 22.8 34.2#

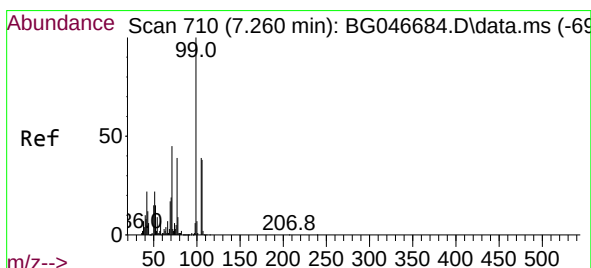
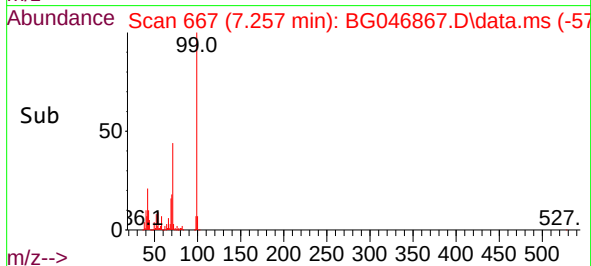
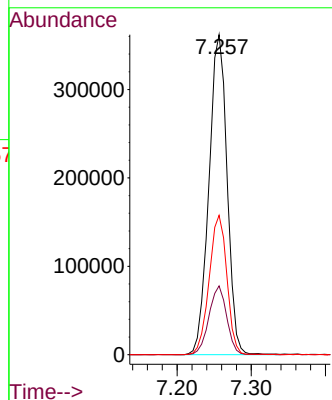
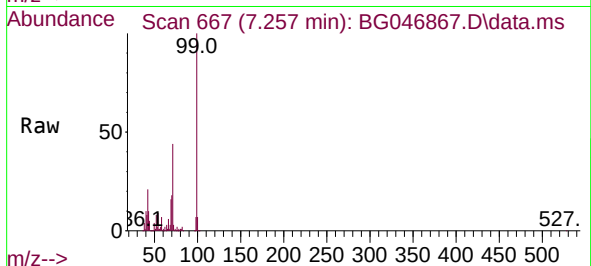




#7
Phenol-d6
Concen: 122.77 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

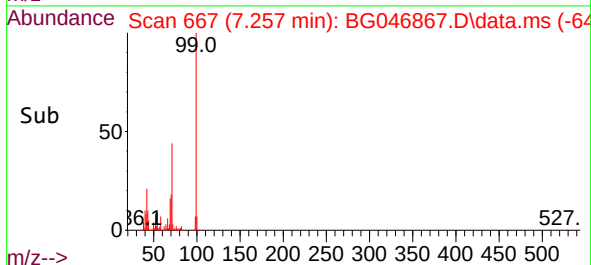
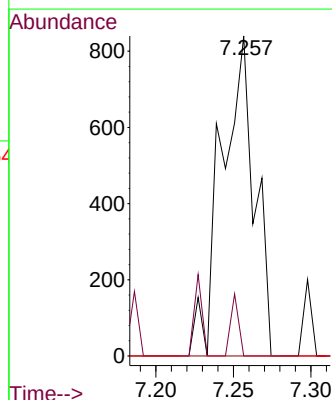
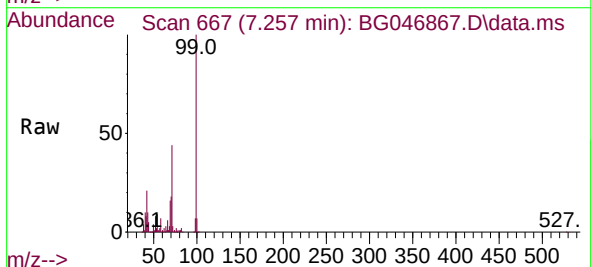
Instrument :
BNA_G
ClientSampleId :
11935

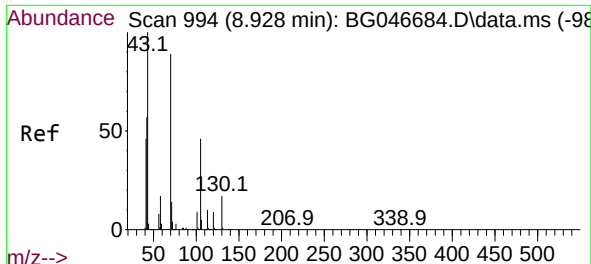
Tgt Ion: 99 Resp: 615234
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 43.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion: 77 Resp: 1242
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

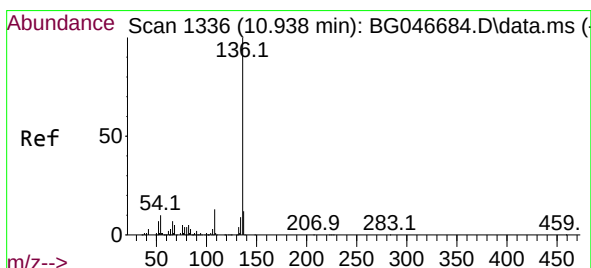
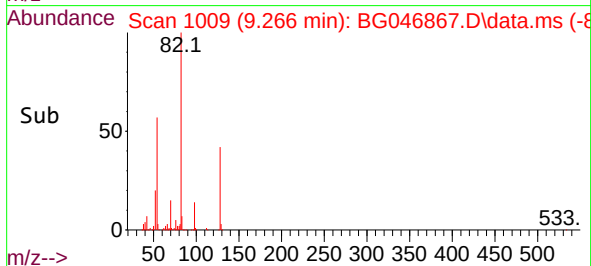
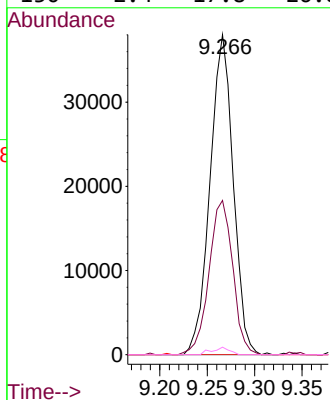
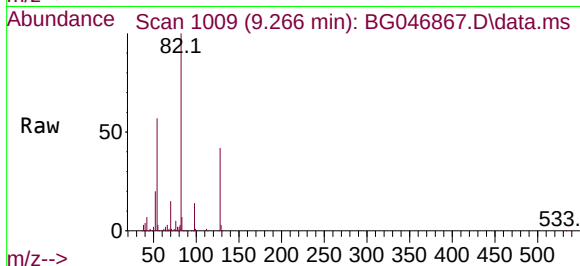




#19
n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

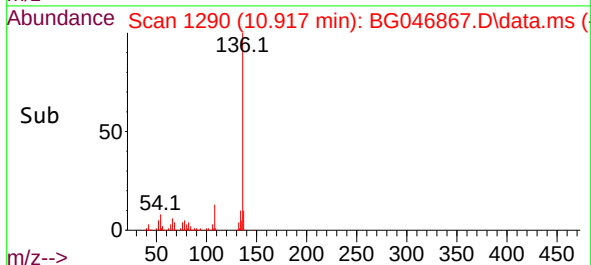
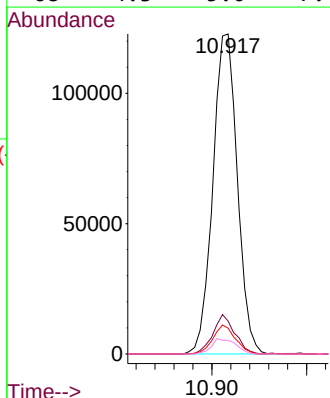
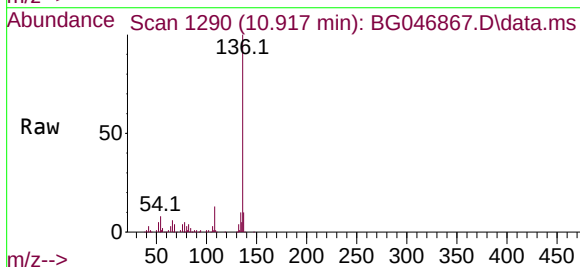
Instrument :
BNA_G
ClientSampleId :
11935

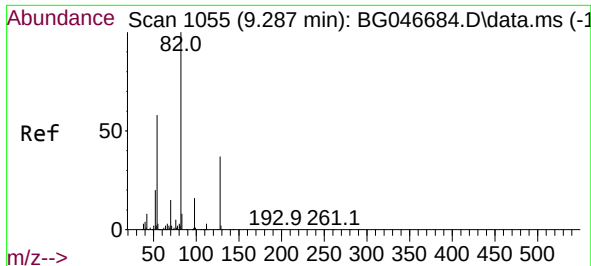
Tgt Ion:	70	Resp:	64793
Ion	Ratio	Lower	Upper
70	100		
42	48.2	45.6	68.4
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:	136	Resp:	219959
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	8.1	6.2	9.4
68	4.3	5.0	7.4#

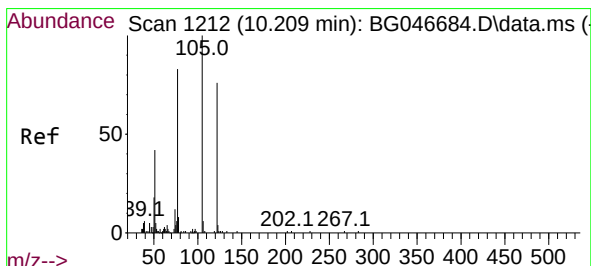
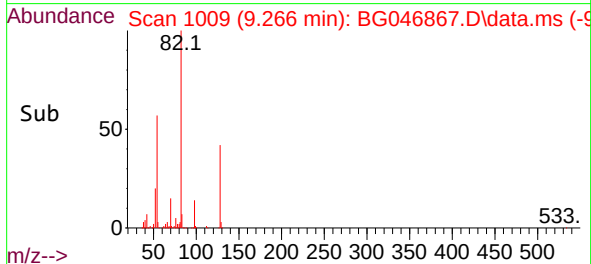
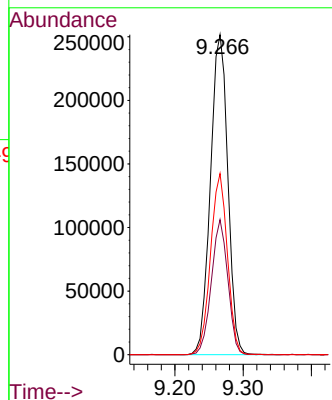
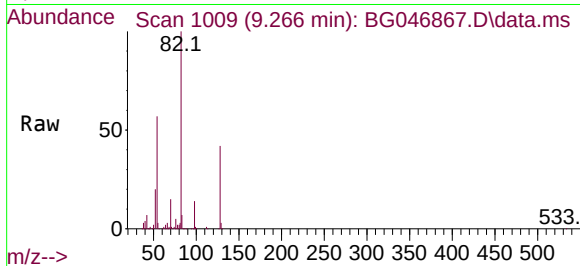




#23
Nitrobenzene-d5
Concen: 107.80 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

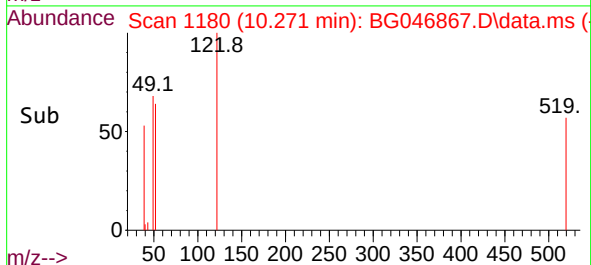
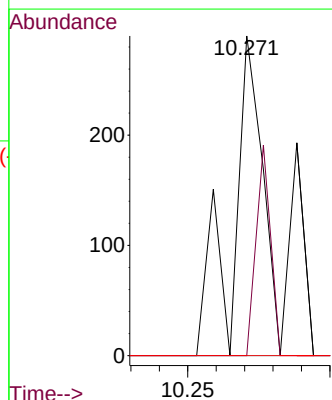
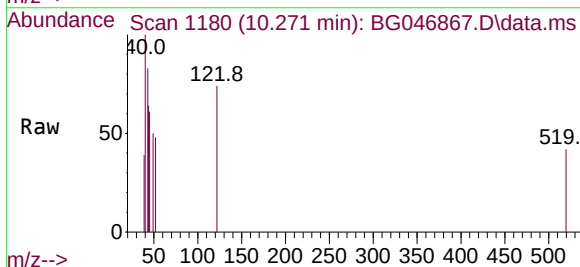
Instrument :
BNA_G
ClientSampleId :
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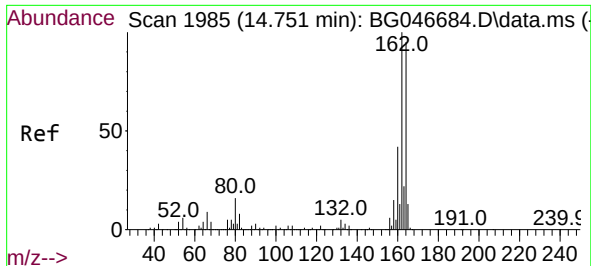
Tgt Ion: 82 Resp: 445720
Ion Ratio Lower Upper
82 100
128 42.2 37.0 55.6
54 56.6 39.0 58.4



#32
Benzoic acid
Concen: 6.43 ng
RT: 10.271 min Scan# 1180
Delta R.T. 0.077 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:122 Resp: 215
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

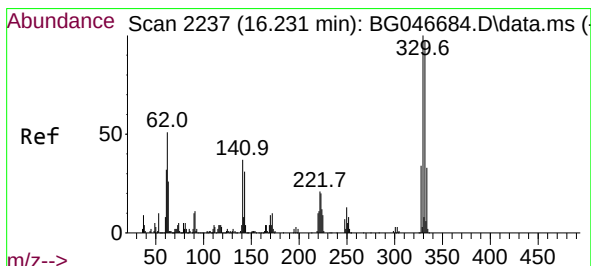
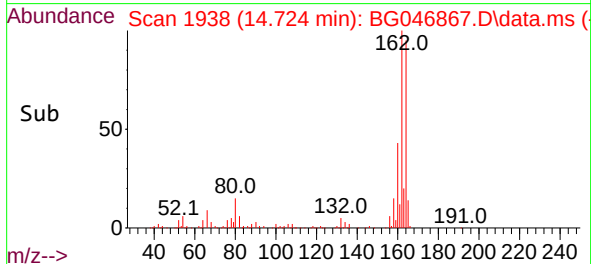
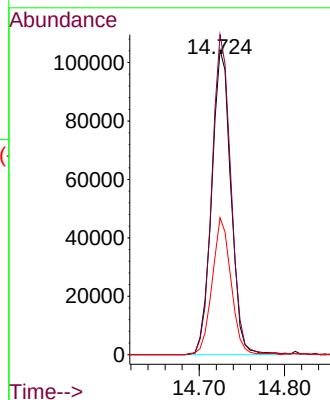
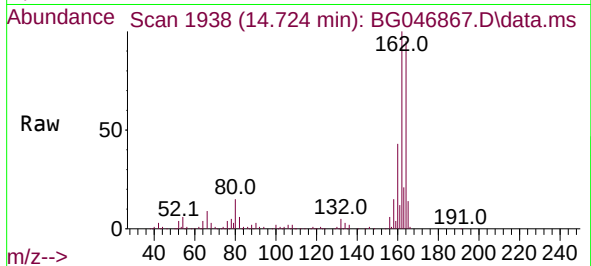




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

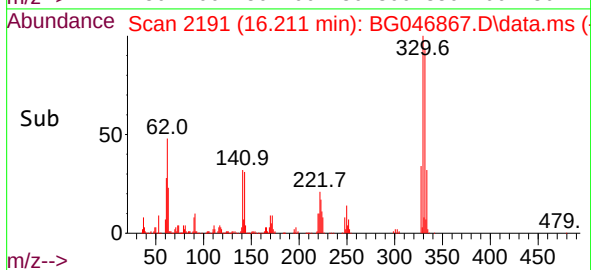
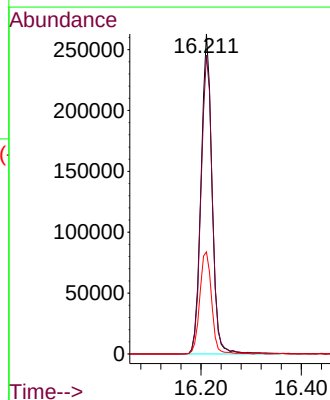
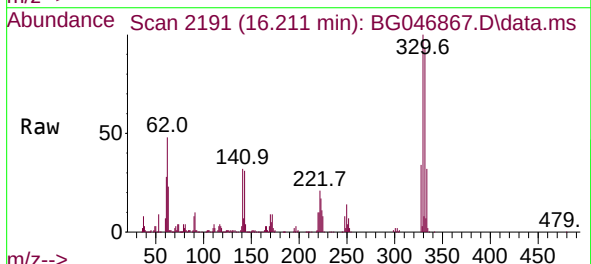
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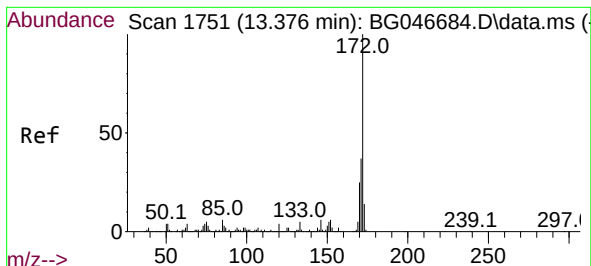
Tgt Ion:164 Resp: 163435
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 185.30 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:330 Resp: 399329
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 34.2 26.0 39.0

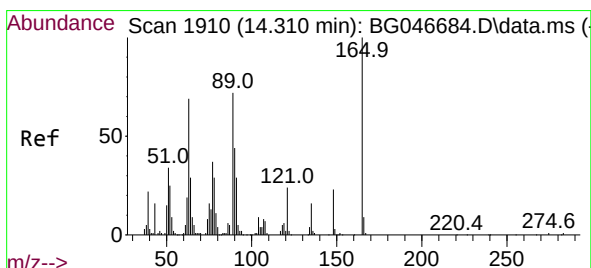
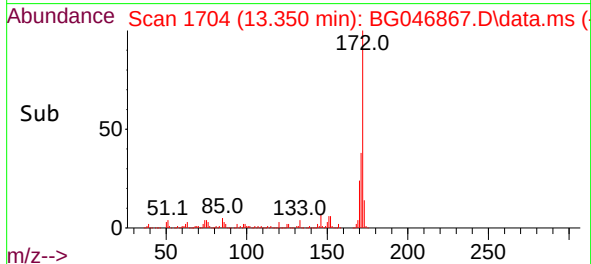
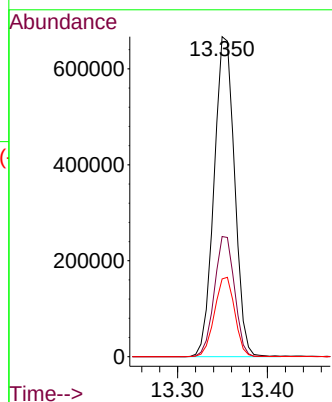
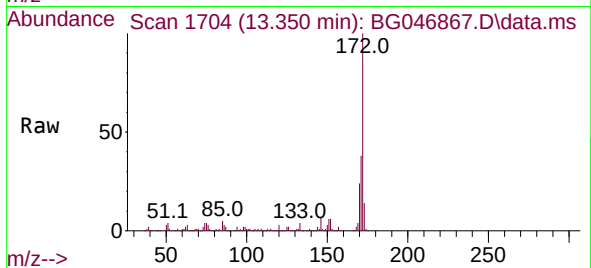




#45
2-Fluorobiphenyl
Concen: 91.83 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

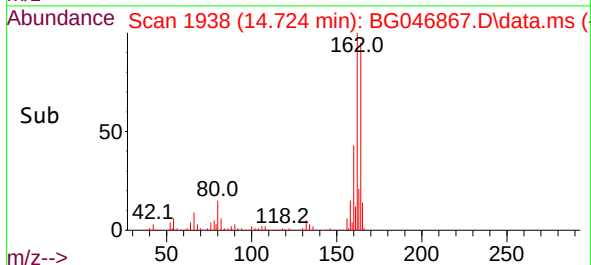
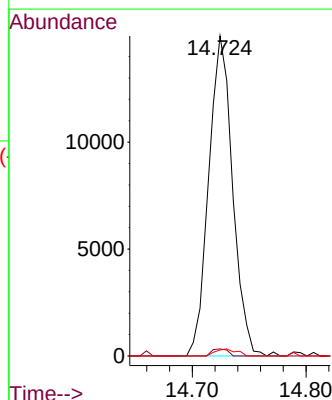
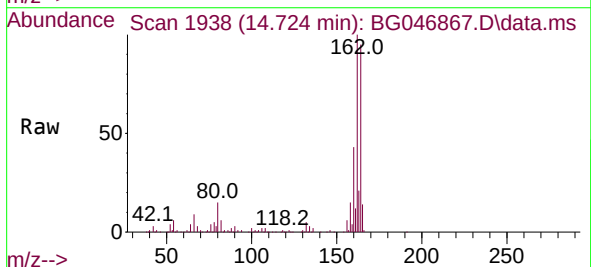
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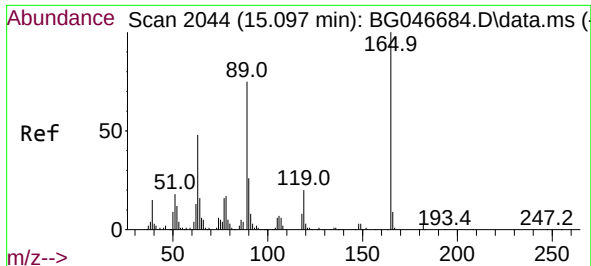
Tgt Ion:172 Resp: 1060132
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.32 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

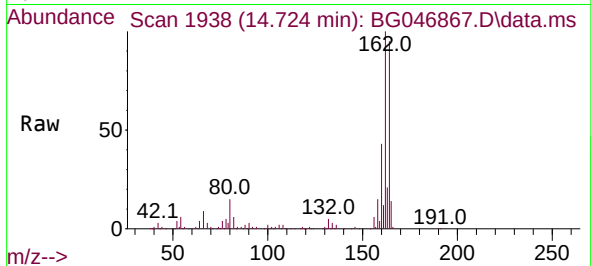
Tgt Ion:165 Resp: 21889
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 1.8 36.6 54.8#



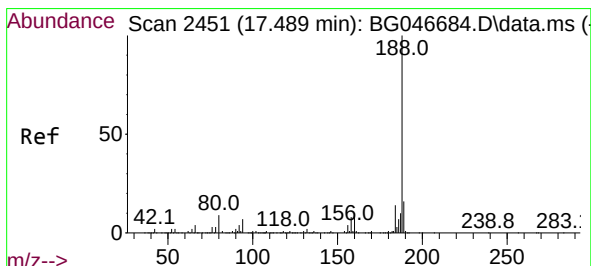
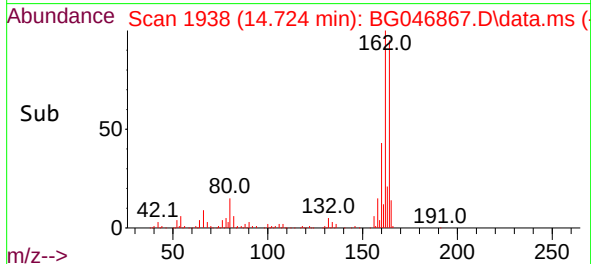
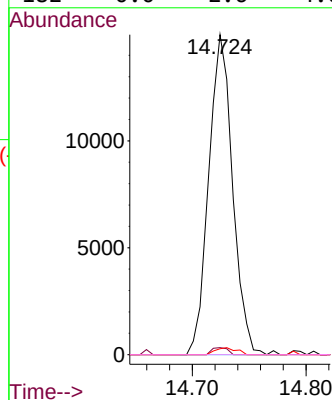


#57
2,4-Dinitrotoluene
Concen: 7.79 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Instrument :
BNA_G
ClientSampleId :
11935

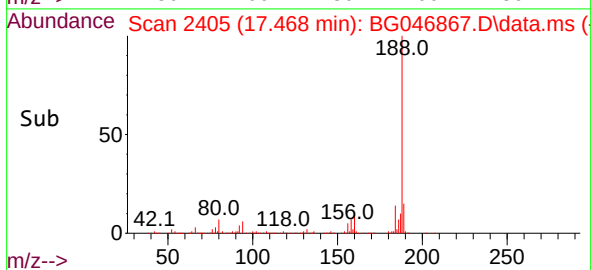
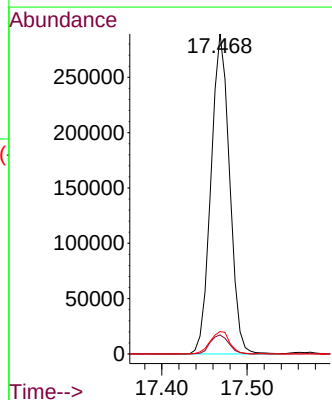
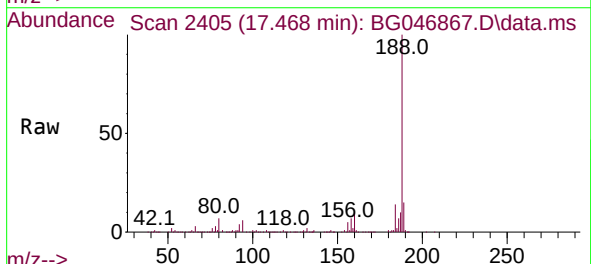


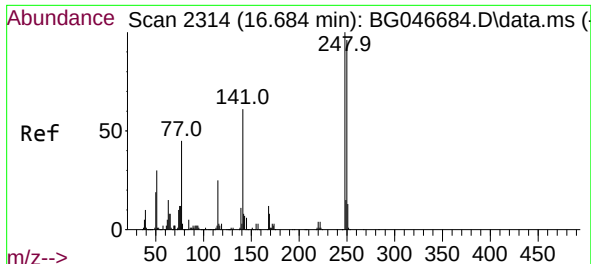
Tgt Ion:165 Resp: 21889
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:188 Resp: 438389
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.0 7.0 10.6#

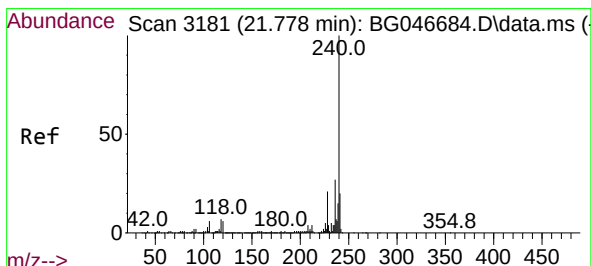
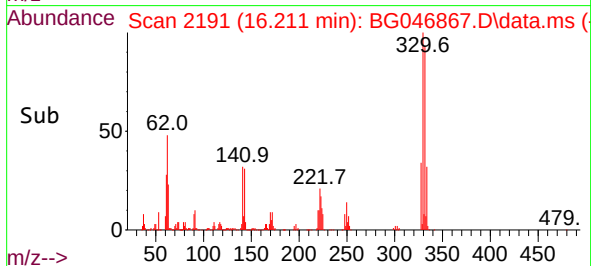
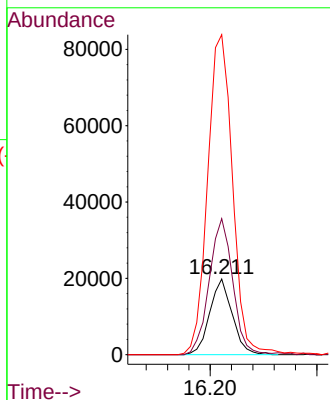
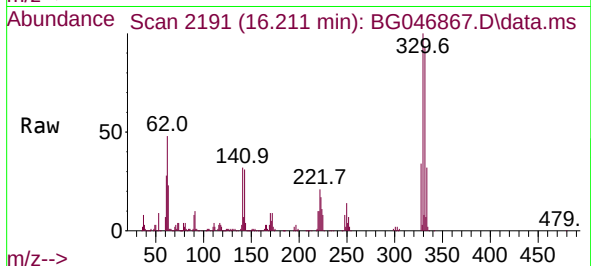




#67
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

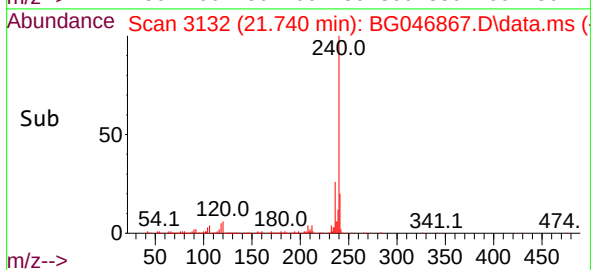
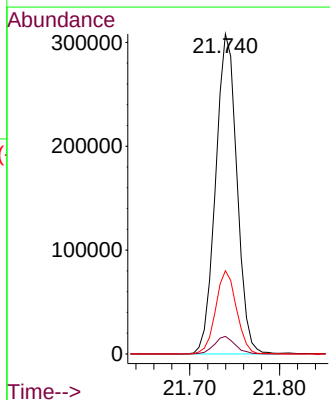
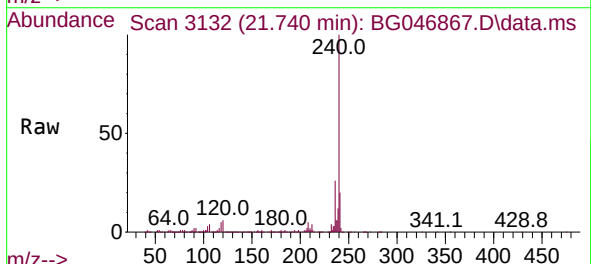
Instrument :
BNA_G
ClientSampleId :
11935

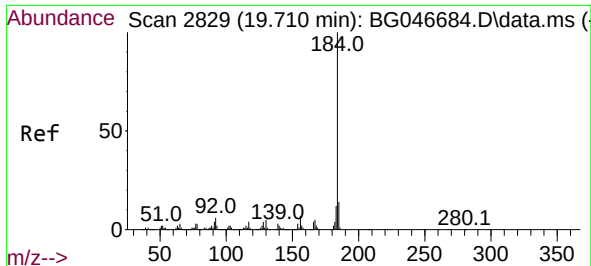
Tgt Ion:248 Resp: 29143
Ion Ratio Lower Upper
248 100
250 187.1 78.9 118.3#
141 336.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Tgt Ion:240 Resp: 507102
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.0 20.5 30.7

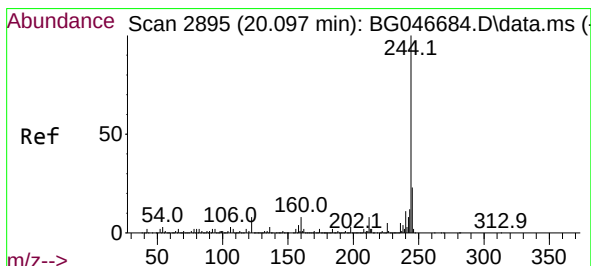
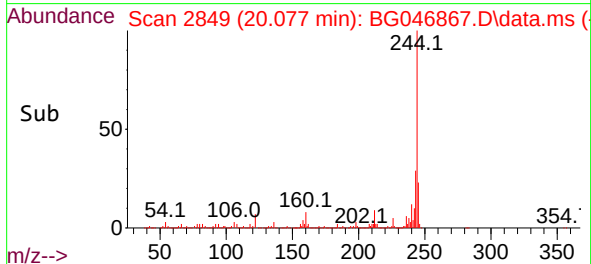
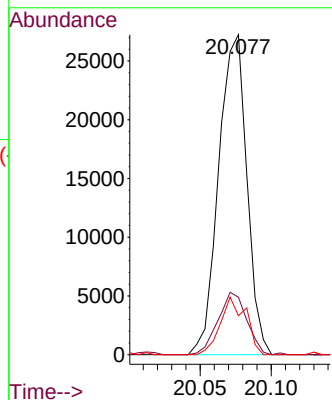
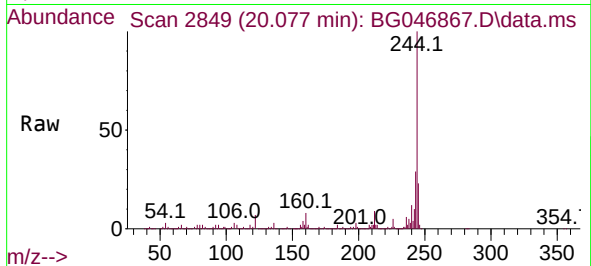




#77
Benzidine
Concen: 2.40 ng
RT: 20.077 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

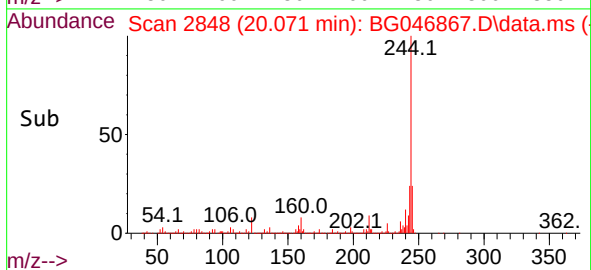
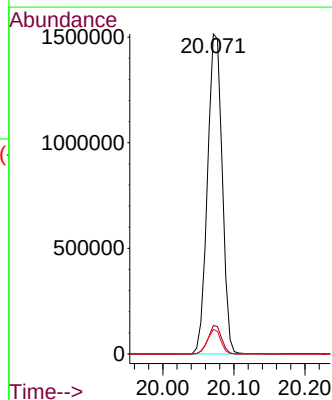
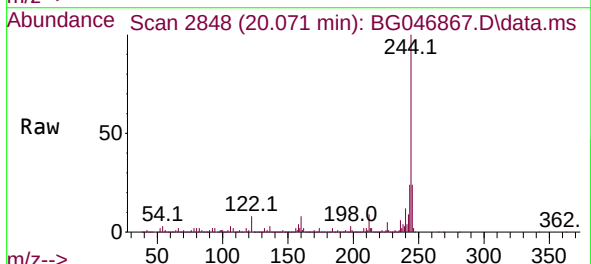
Instrument :
BNA_G
ClientSampleId :
11935

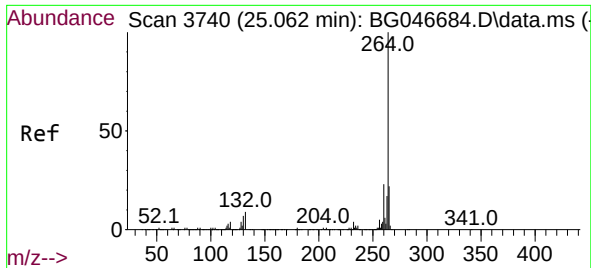
Tgt Ion:184 Resp: 37578
Ion Ratio Lower Upper
184 100
185 18.0 12.4 18.6
183 12.2 10.6 15.8



#79
Terphenyl-d14
Concen: 85.98 ng
RT: 20.071 min Scan# 2848
Delta R.T. -0.011 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

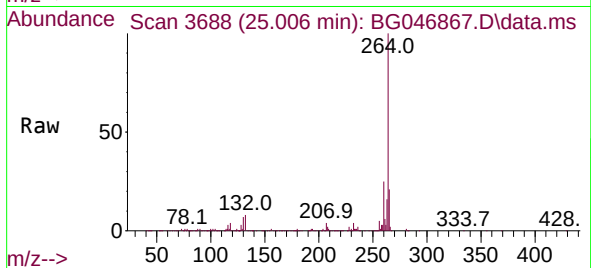
Tgt Ion:244 Resp: 2175553
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 7.7 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.006 min Scan# 3688
Delta R.T. -0.023 min
Lab File: BG046867.D
Acq: 13 Oct 2020 7:51

Instrument :
BNA_G
ClientSampleId :
11935



Tgt Ion:	264	Resp:	489609
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	20.6	17.8	26.8

