

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046869.D
 Acq On : 13 Oct 2020 9:14
 Operator : CG/JU
 Sample : L4339-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QUAD-8

Quant Time: Oct 13 11:06:29 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)

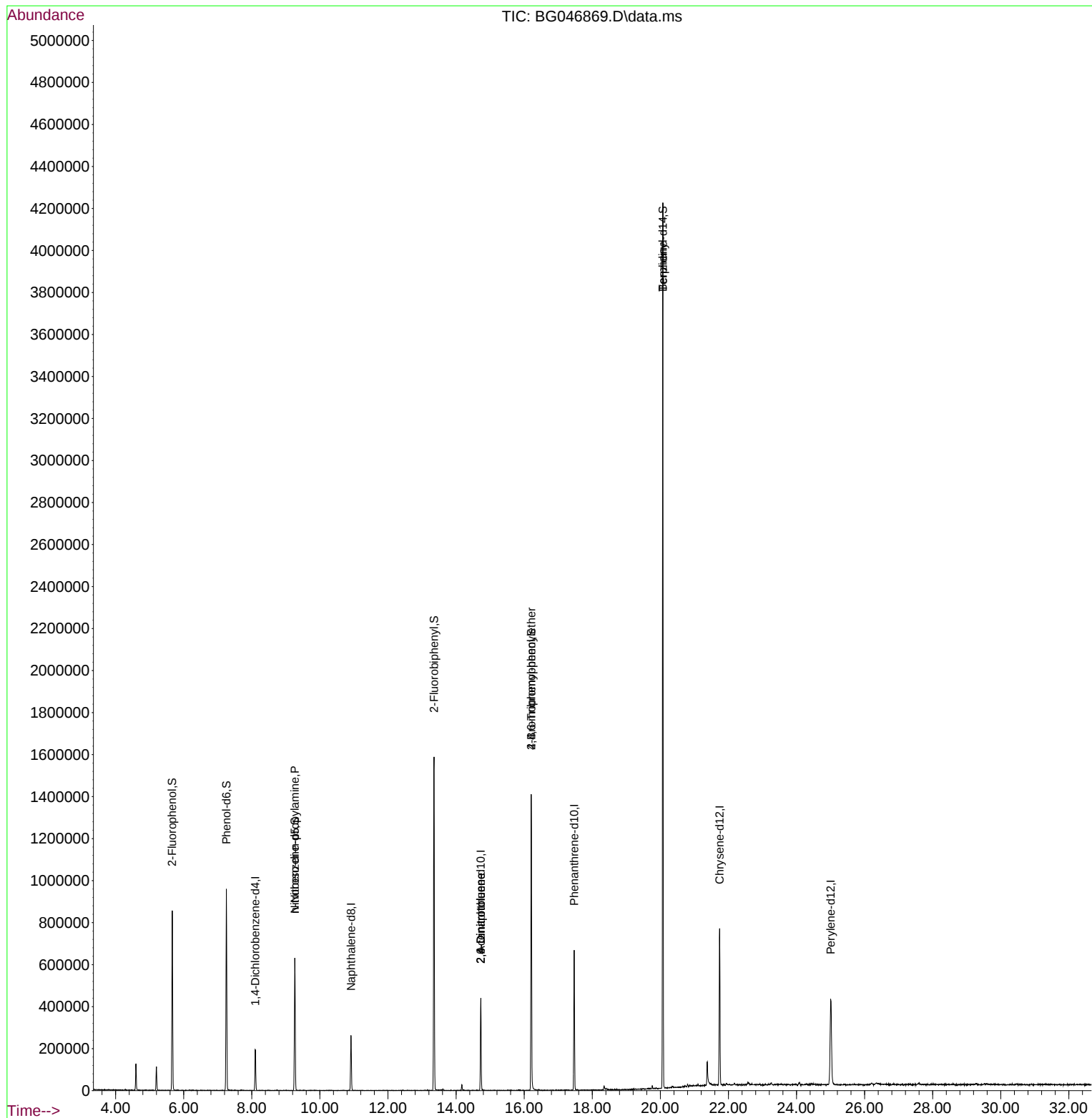
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	54525	20.00	ng	# 0.00
21) Naphthalene-d8	10.914	136	207293	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	153205	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	432696	20.00	ng	# 0.00
76) Chrysene-d12	21.743	240	481607	20.00	ng	#-0.01
86) Perylene-d12	25.004	264	474673	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	346565	101.83	ng	0.00
7) Phenol-d6	7.254	99	491118	102.30	ng	0.00
23) Nitrobenzene-d5	9.263	82	364060	93.43	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	280553	138.88	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	870084	80.40	ng	0.00
79) Terphenyl-d14	20.074	244	1824712	75.93	ng	0.00
Target Compounds						
9) Benzaldehyde	7.254	77	1110	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	53038	16.11	ng	# 78
51) 2,6-Dinitrotoluene	14.721	165	19982	10.05	ng	# 34
57) 2,4-Dinitrotoluene	14.721	165	19982	7.59	ng	# 32
67) 4-Bromophenyl-phenylether	16.208	248	19718	3.61	ng	# 1
77) Benzidine	20.074	184	31304	2.11	ng	100

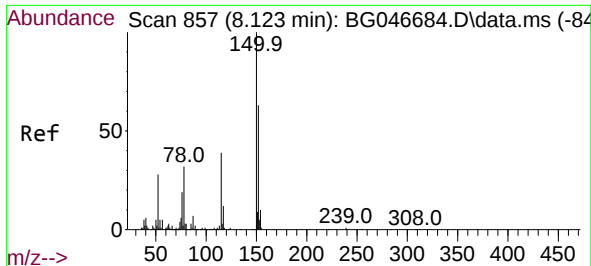
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046869.D
Acq On : 13 Oct 2020 9:14
Operator : CG/JU
Sample : L4339-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QUAD-8

Quant Time: Oct 13 11:06:29 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

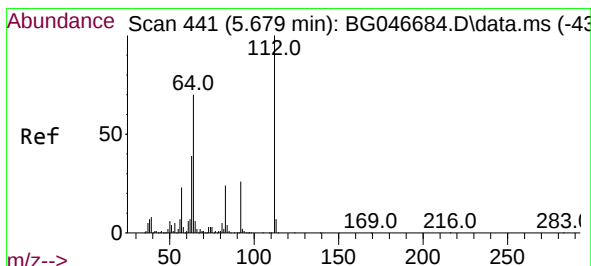
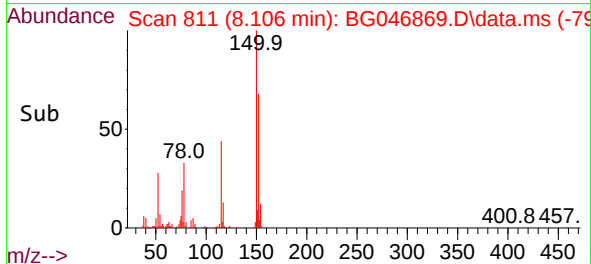
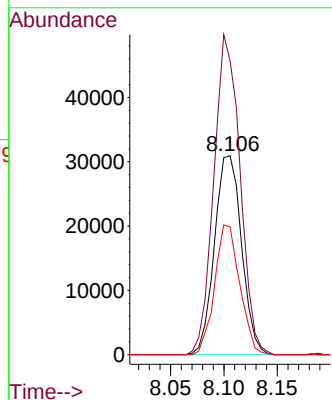
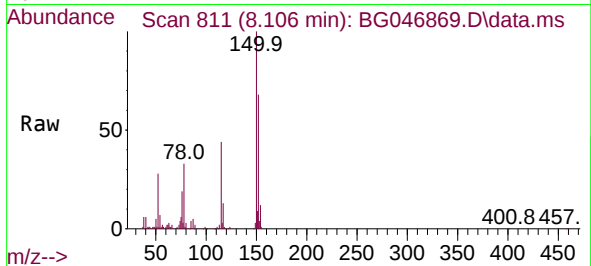




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

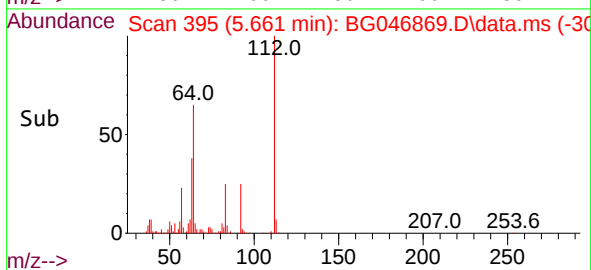
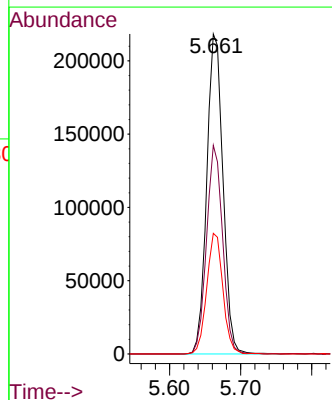
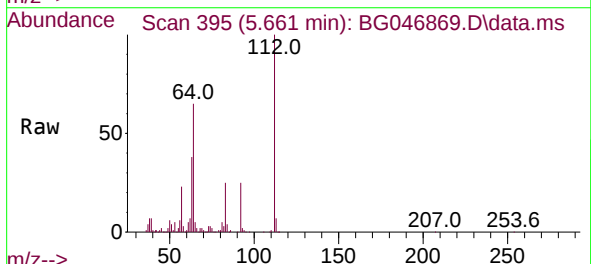
Instrument :
BNA_G
ClientSampleId :
QUAD-8

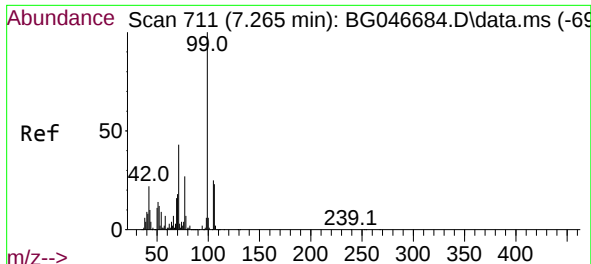
Tgt Ion:152 Resp: 54525
Ion Ratio Lower Upper
152 100
150 147.7 125.0 187.6
115 64.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 101.83 ng
RT: 5.661 min Scan# 395
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:112 Resp: 346565
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 37.7 22.8 34.2#

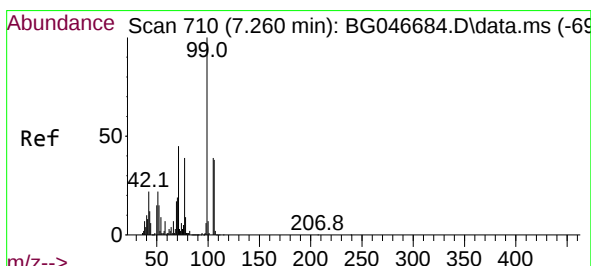
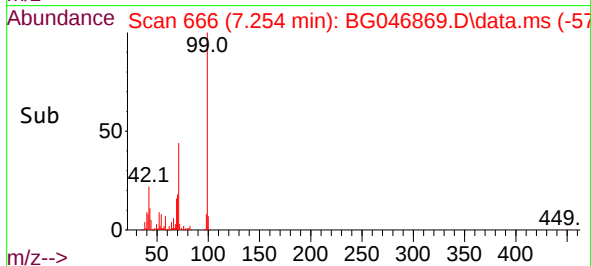
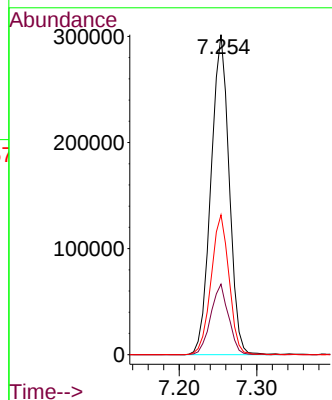
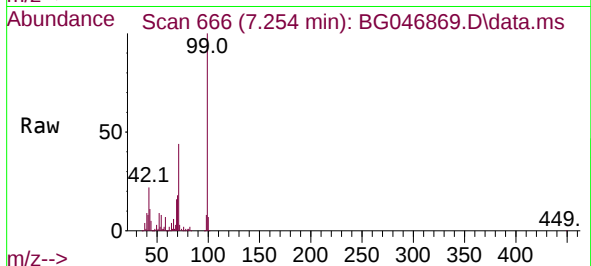




#7
Phenol-d6
Concen: 102.30 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

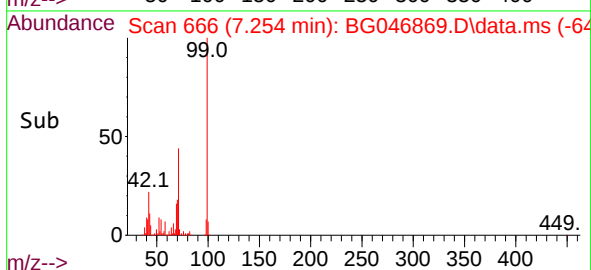
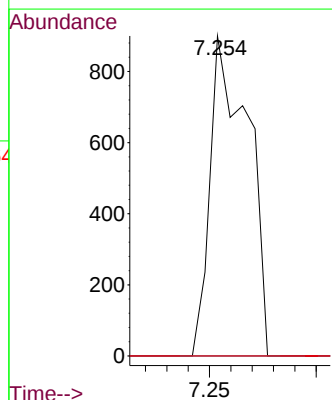
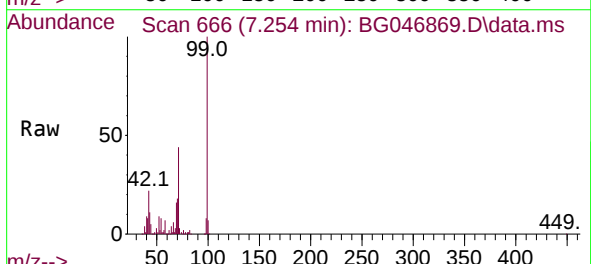
Instrument :
BNA_G
ClientSampleId :
QUAD-8

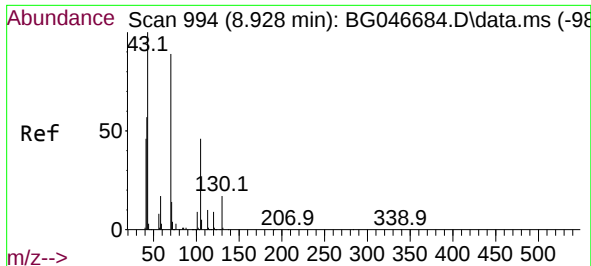
Tgt Ion: 99 Resp: 491118
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 43.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.254 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion: 77 Resp: 1110
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

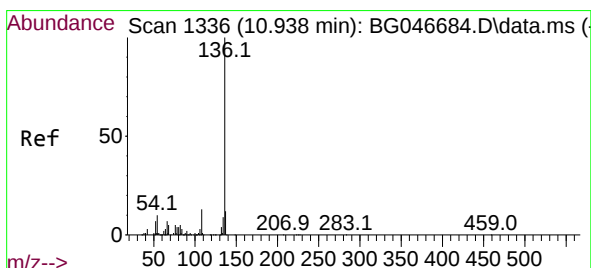
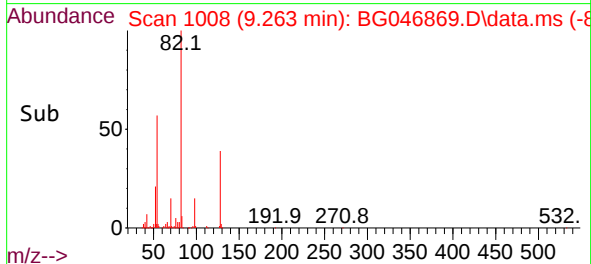
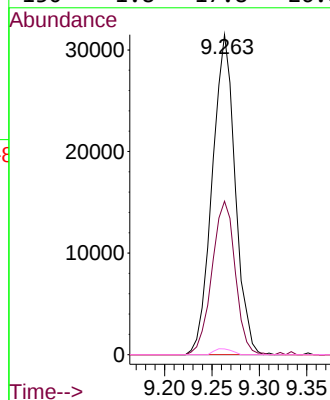
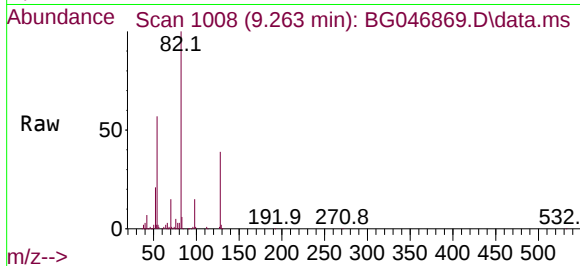




#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

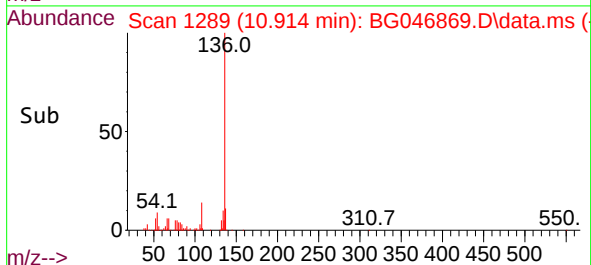
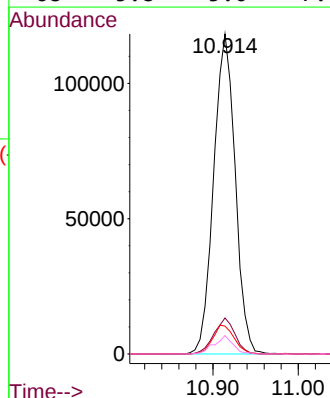
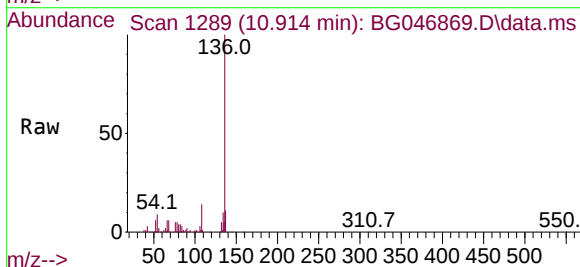
Instrument :
BNA_G
ClientSampleId :
QUAD-8

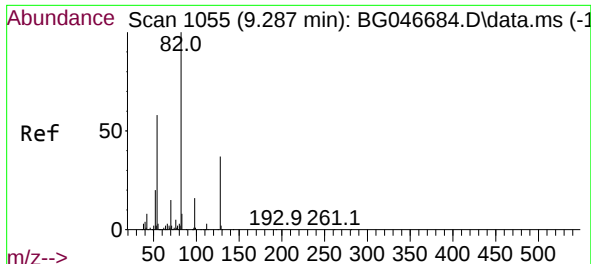
Tgt Ion:	70	Resp:	53038
Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.6	68.4
101	0.0	8.4	12.6#
130	1.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:	136	Resp:	207293
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	6.2	9.4
68	5.8	5.0	7.4

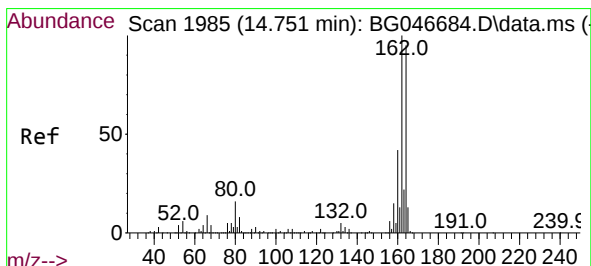
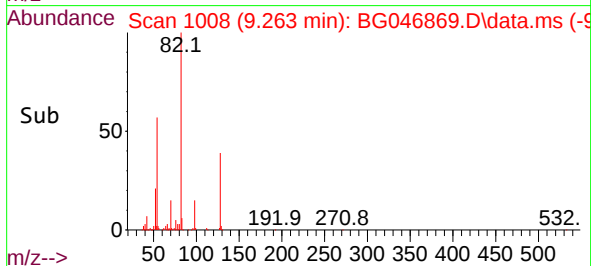
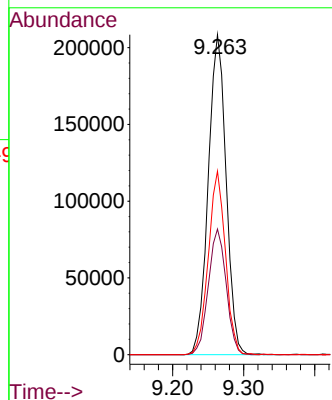
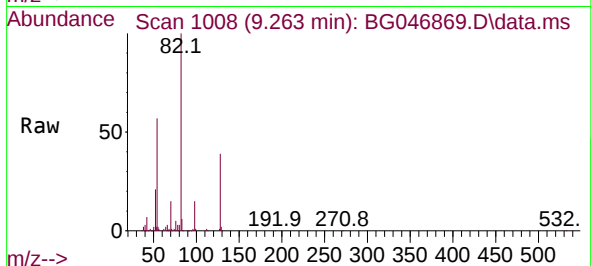




#23
Nitrobenzene-d5
Concen: 93.43 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

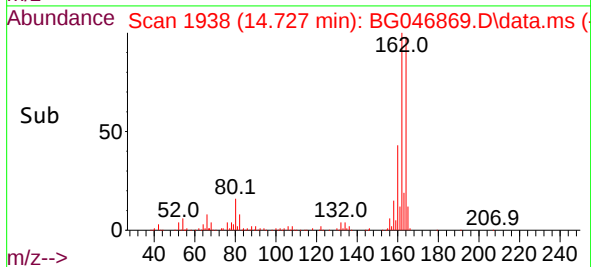
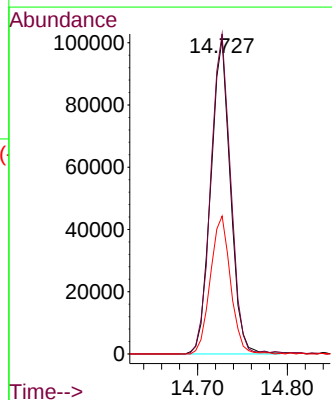
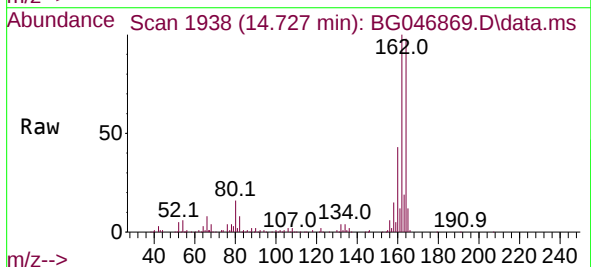
Instrument :
BNA_G
ClientSampleId :
QUAD-8

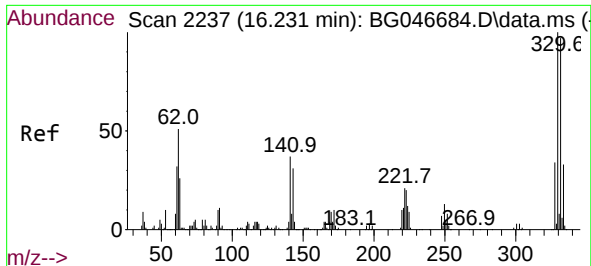
Tgt Ion: 82 Resp: 364060
Ion Ratio Lower Upper
82 100
128 39.2 37.0 55.6
54 57.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion: 164 Resp: 153205
Ion Ratio Lower Upper
164 100
162 101.6 82.3 123.5
160 43.8 35.3 52.9

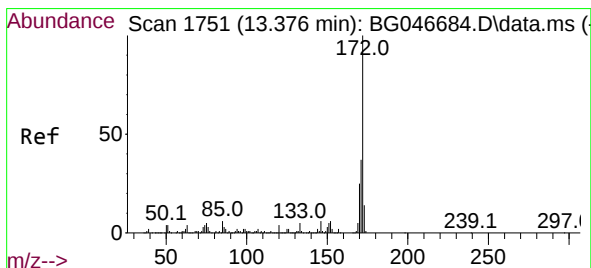
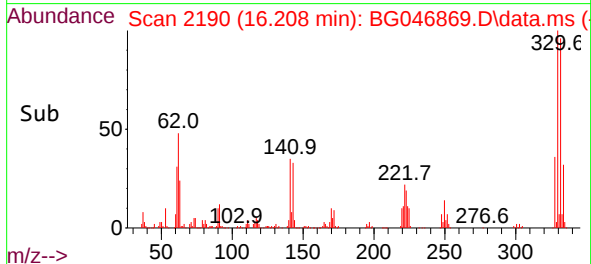
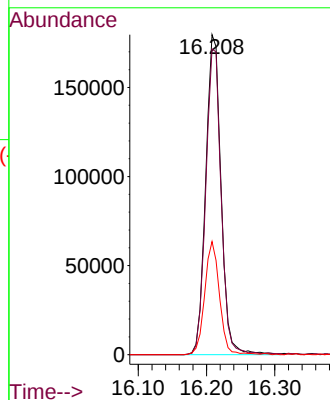
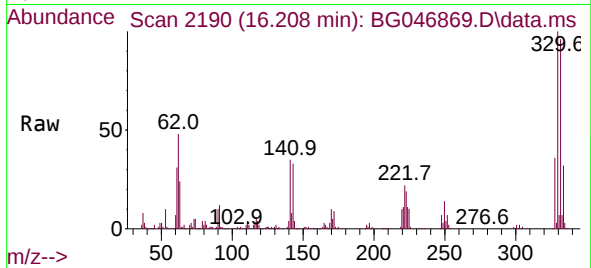




#42
2,4,6-Tribromophenol
Concen: 138.88 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

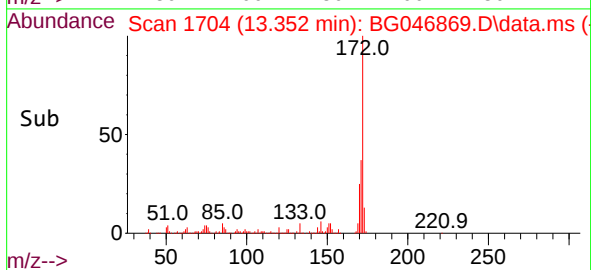
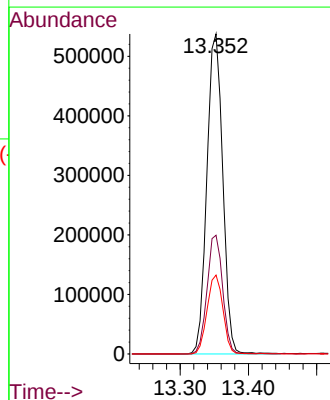
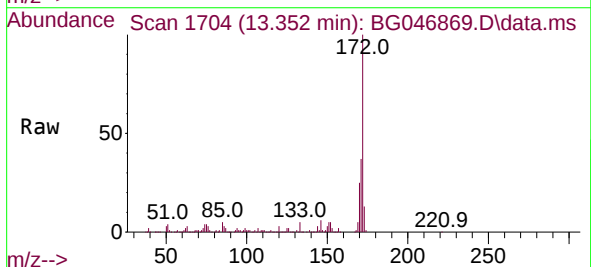
Instrument :
BNA_G
ClientSampleId :
QUAD-8

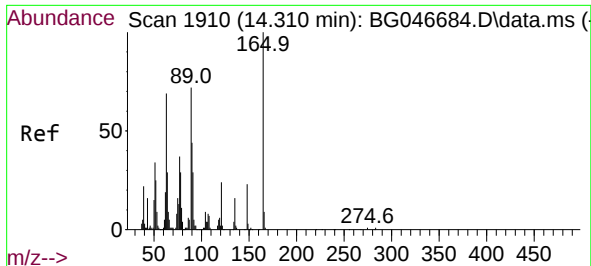
Tgt Ion:330 Resp: 280553
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 34.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 80.40 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:172 Resp: 870084
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.6 20.8 31.2

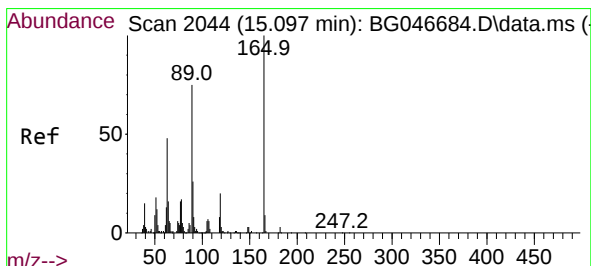
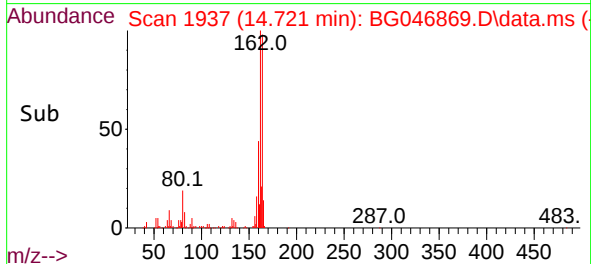
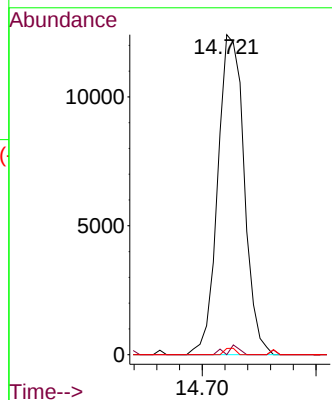
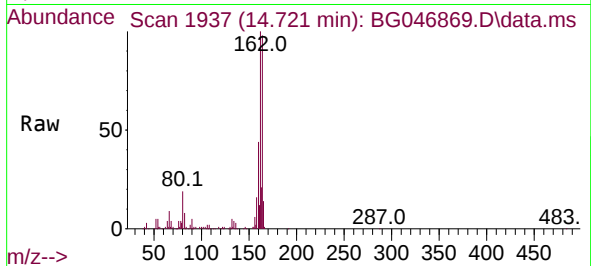




#51
2,6-Dinitrotoluene
Concen: 10.05 ng
RT: 14.721 min Scan# 1937
Delta R.T. 0.421 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

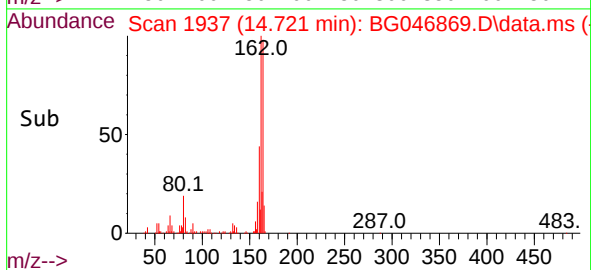
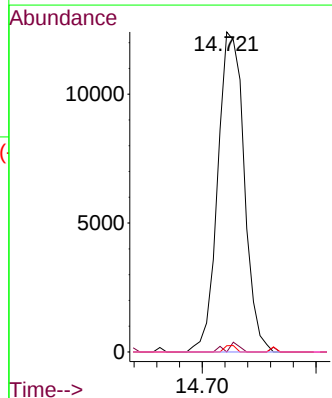
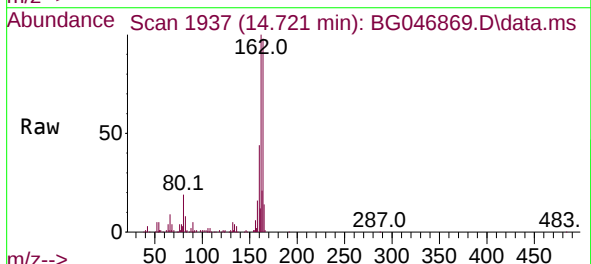
Instrument :
BNA_G
ClientSampleId :
QUAD-8

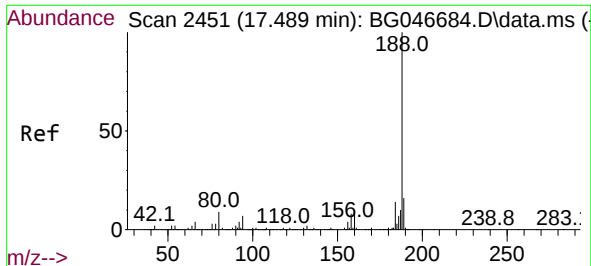
Tgt Ion:165 Resp: 19982
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.59 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.361 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:165 Resp: 19982
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

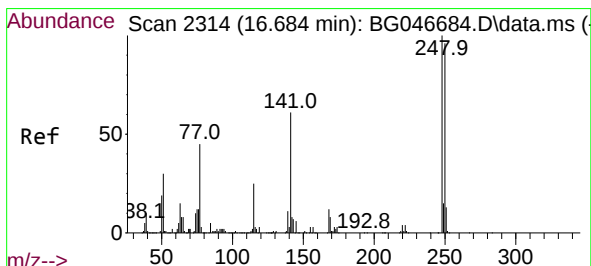
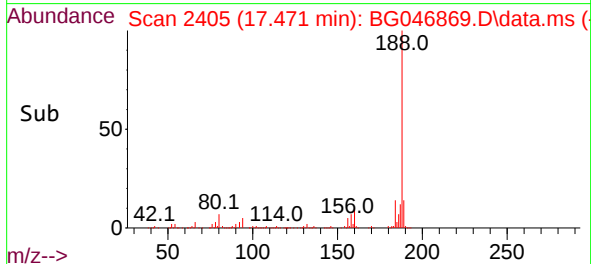
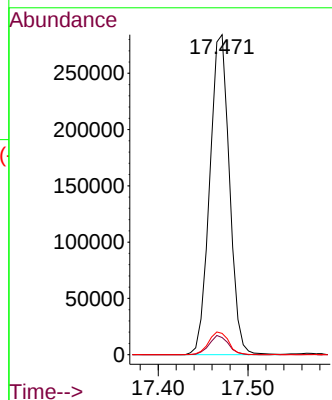
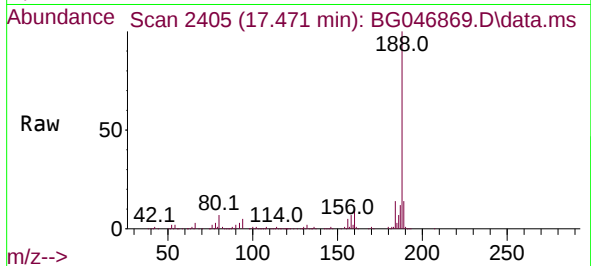




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

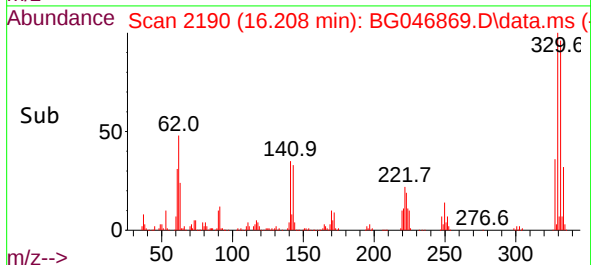
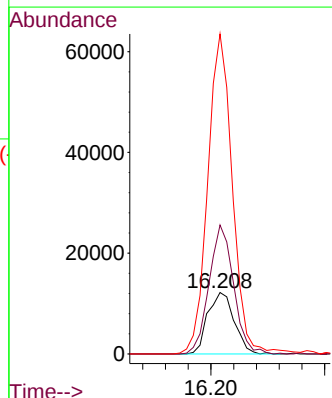
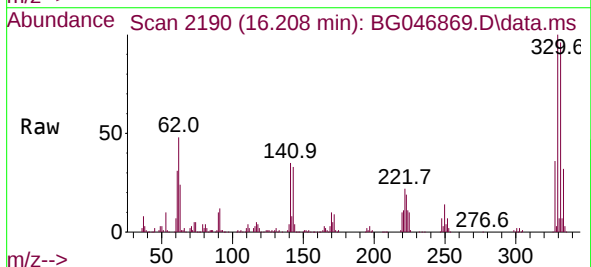
Instrument :
BNA_G
ClientSampleId :
QUAD-8

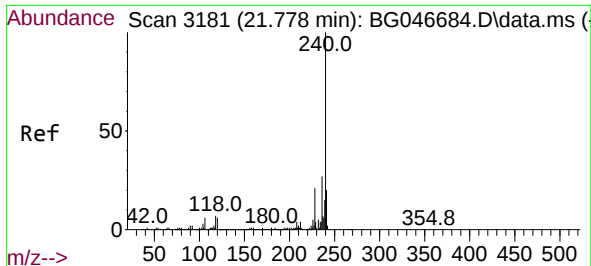
Tgt Ion:188 Resp: 432696
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.7 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.455 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:248 Resp: 19718
Ion Ratio Lower Upper
248 100
250 189.9 78.9 118.3#
141 375.5 46.2 69.4#

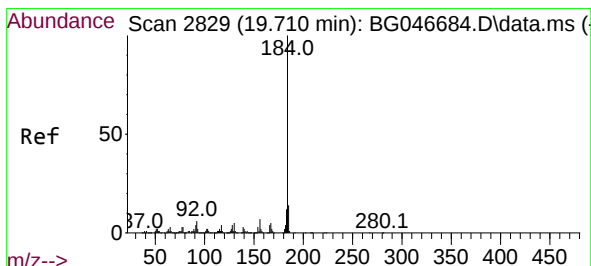
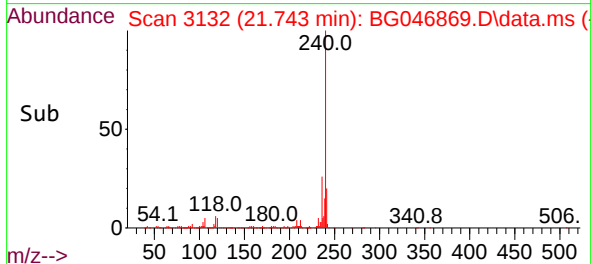
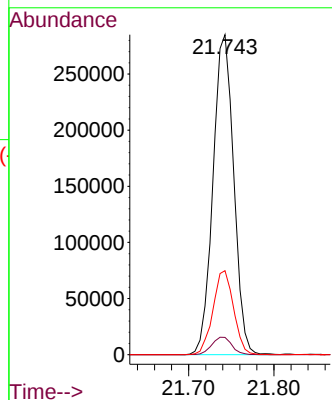
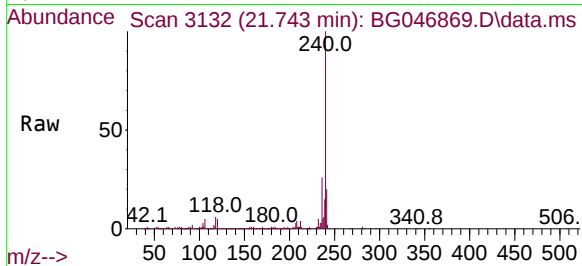




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

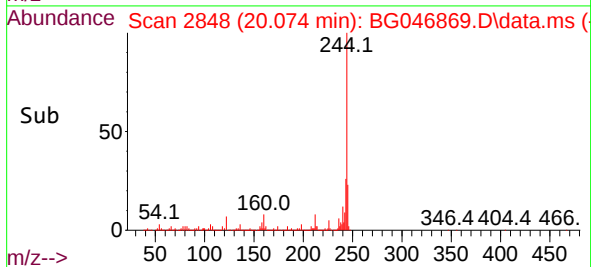
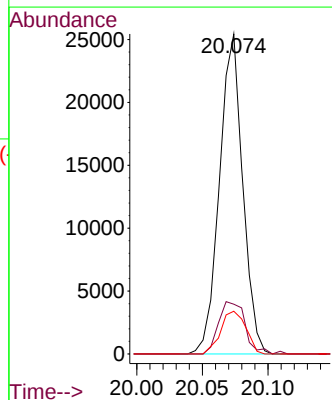
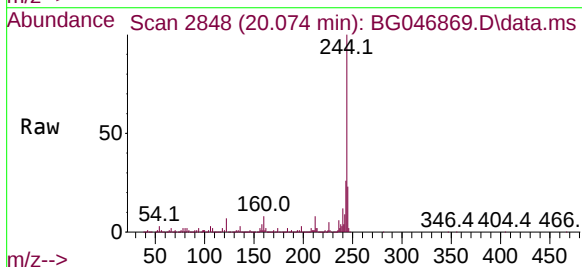
Instrument :
BNA_G
ClientSampled :
QUAD-8

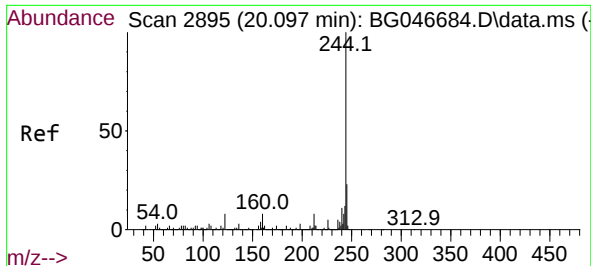
Tgt Ion:240 Resp: 481607
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 26.3 20.5 30.7



#77
Benzidine
Concen: 2.11 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:184 Resp: 31304
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 13.4 10.6 15.8

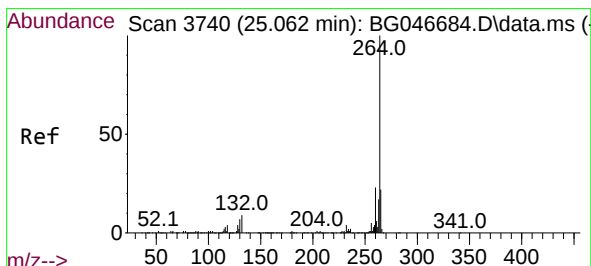
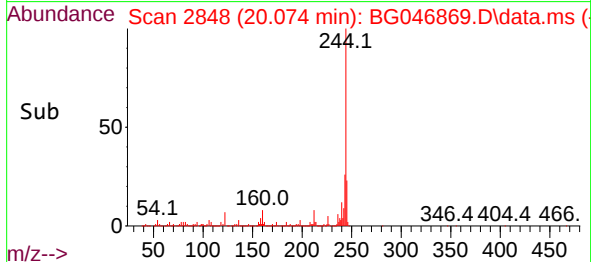
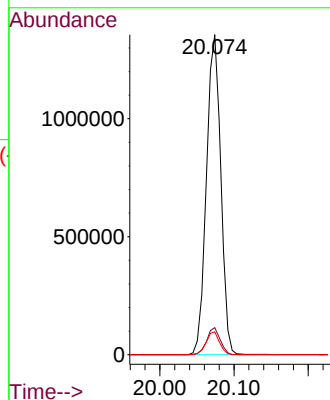
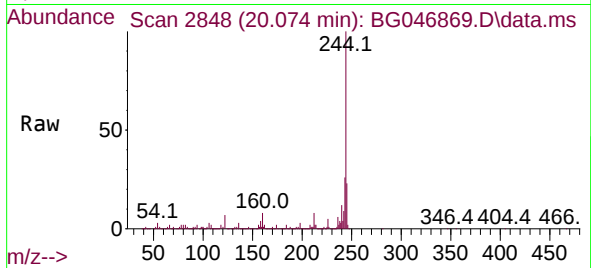




#79
Terphenyl-d14
Concen: 75.93 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Instrument :
BNA_G
ClientSampleId :
QUAD-8

Tgt Ion:244 Resp: 1824712
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: 25.004 min Scan# 3687
Delta R.T. -0.026 min
Lab File: BG046869.D
Acq: 13 Oct 2020 9:14

Tgt Ion:264 Resp: 474673
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 20.6 17.8 26.8

