

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046808.D
 Acq On : 7 Oct 2020 19:05
 Operator : CG/JU
 Sample : L4190-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 08 01:12:31 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)

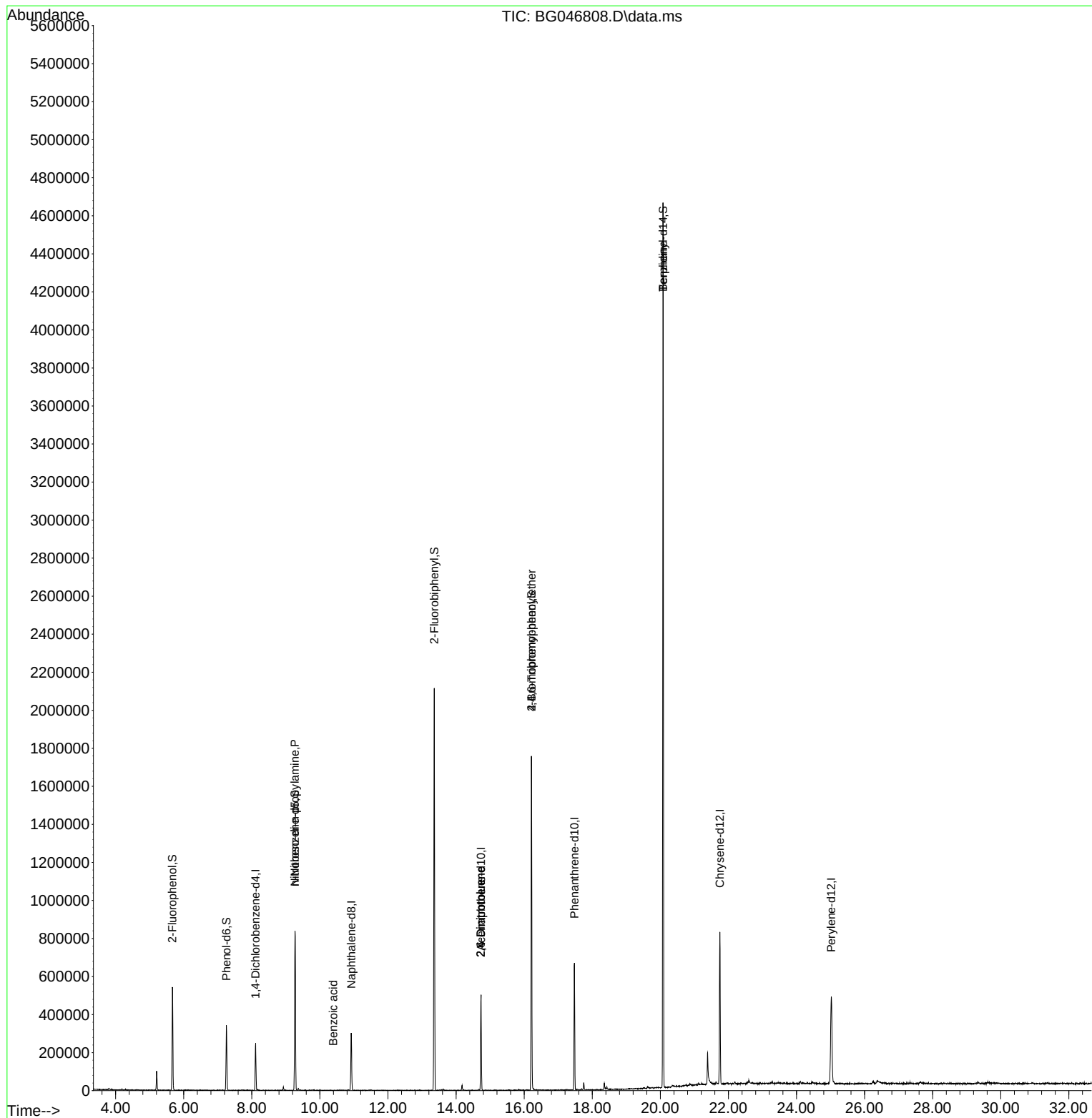
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	64901	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	247084	20.00	ng	# 0.00
39) Acenaphthene-d10	14.733	164	175332	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	424976	20.00	ng	# 0.00
76) Chrysene-d12	21.748	240	521638	20.00	ng	# 0.00
86) Perylene-d12	25.021	264	512837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	223062	55.06	ng	0.00
7) Phenol-d6	7.253	99	180221	31.54	ng	0.00
23) Nitrobenzene-d5	9.269	82	498867	107.41	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	337183	145.85	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	1088621	87.90	ng	0.00
79) Terphenyl-d14	20.080	244	2072035	79.61	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.248	77	737	Below Cal	#	14
19) n-Nitroso-di-n-propyla...	9.269	70	71611	18.28	ng	# 75
32) Benzoic acid	10.391	122	80	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.727	165	23042	10.12	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	23042	7.65	ng	# 33
67) 4-Bromophenyl-phenylether	16.214	248	23411	4.36	ng	# 1
77) Benzidine	20.080	184	37615	2.34	ng	95

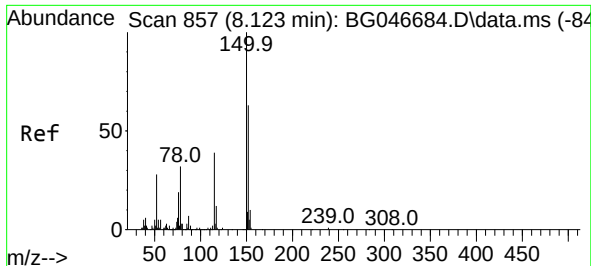
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
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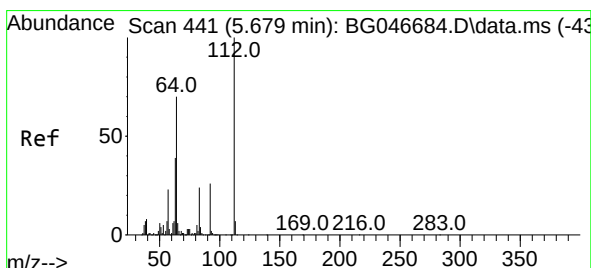
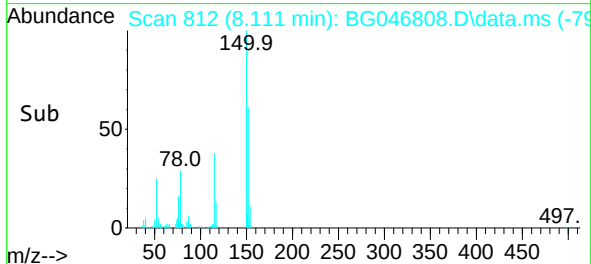
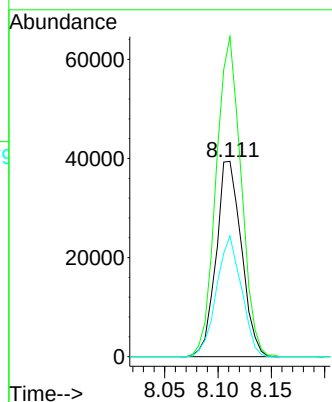
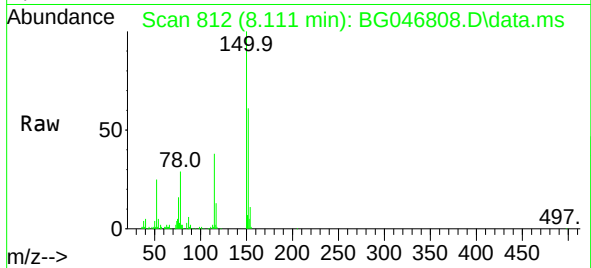




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. 0.003 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

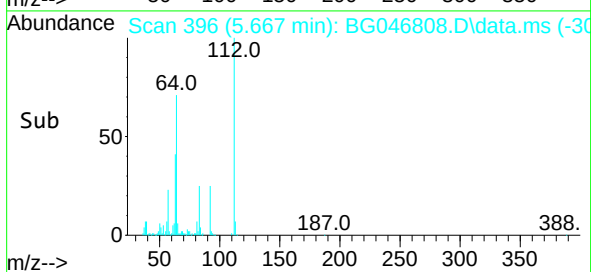
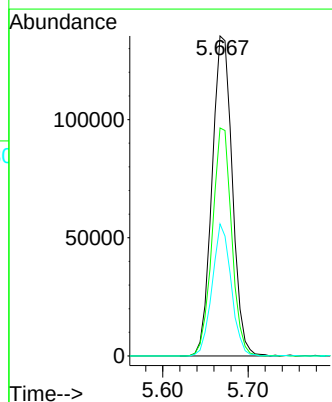
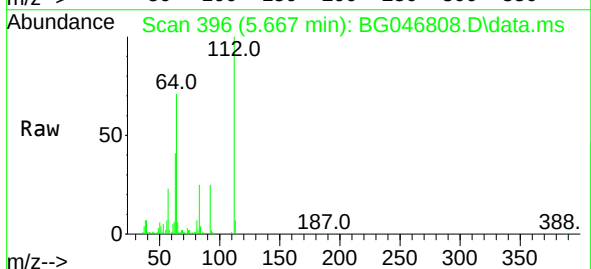
Instrument :
BNA_G
ClientSampleId :
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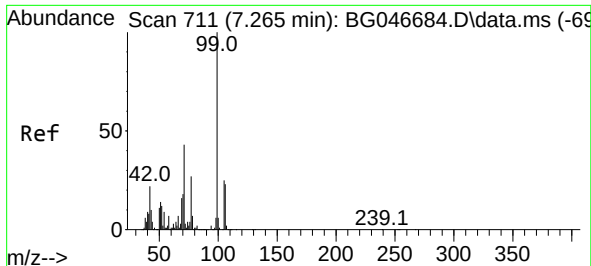
Tgt Ion:152 Resp: 64901
Ion Ratio Lower Upper
152 100
150 163.9 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 55.06 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:112 Resp: 223062
Ion Ratio Lower Upper
112 100
64 71.3 46.7 70.1#
63 41.2 22.8 34.2#

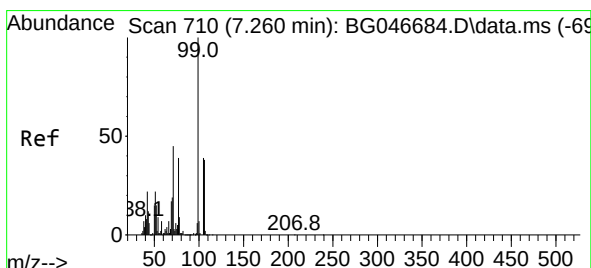
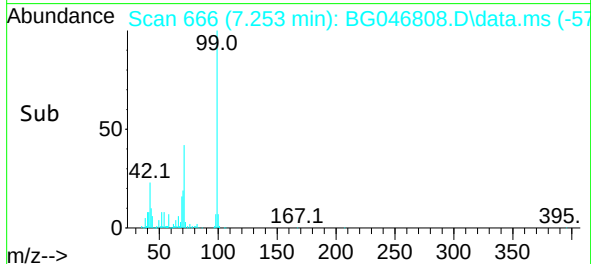
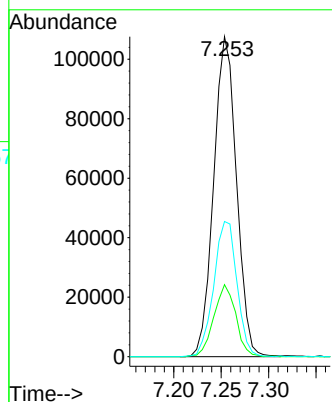
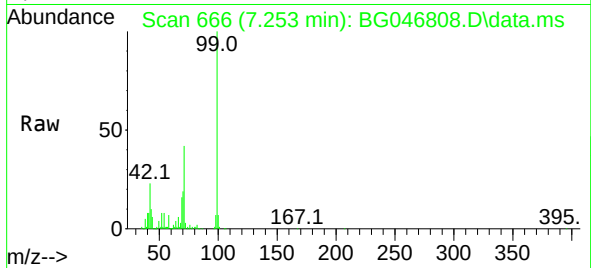




#7
Phenol-d6
Concen: 31.54 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

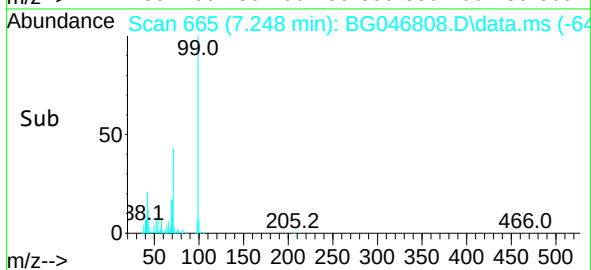
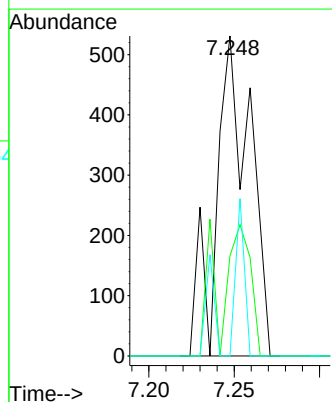
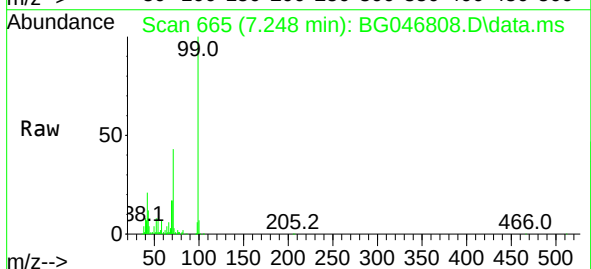
Instrument :
BNA_G
ClientSampleId :
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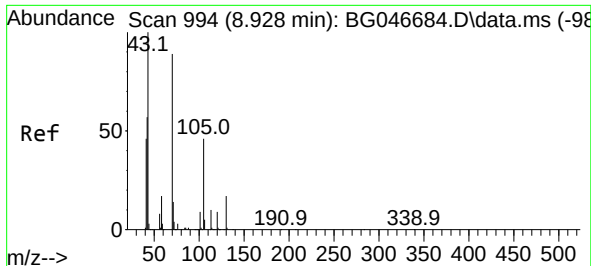
Tgt Ion: 99 Resp: 180221
Ion Ratio Lower Upper
99 100
42 22.5 12.8 19.2#
71 42.3 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.248 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion: 77 Resp: 737
Ion Ratio Lower Upper
77 100
105 31.3 85.9 125.9#
106 0.0 80.9 120.9#

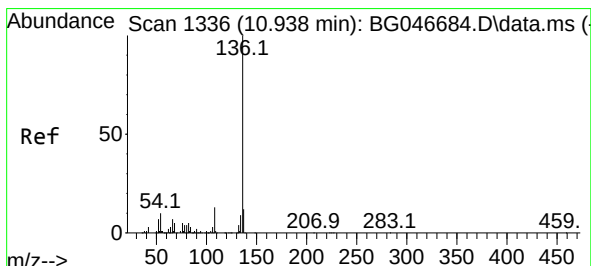
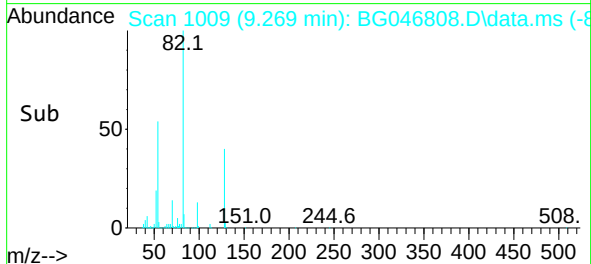
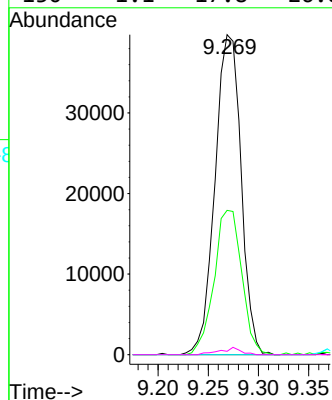
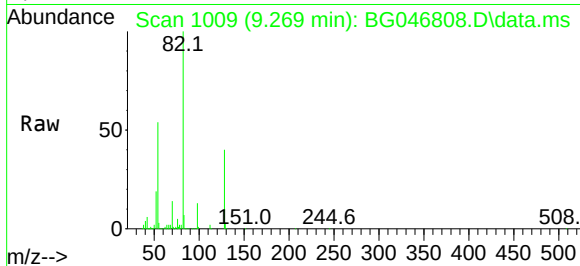




#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.356 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

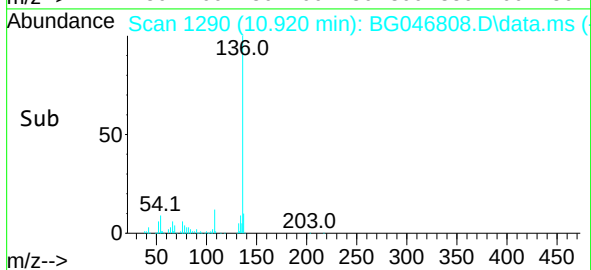
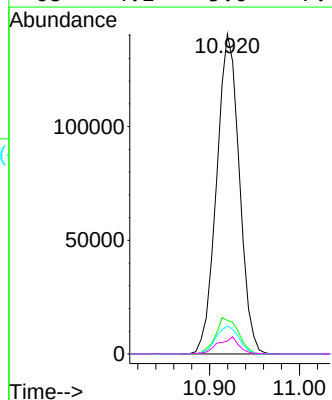
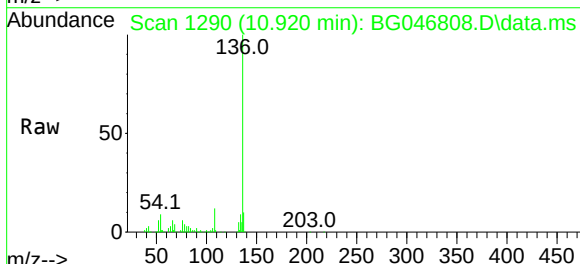
Instrument :
BNA_G
ClientSampleId :
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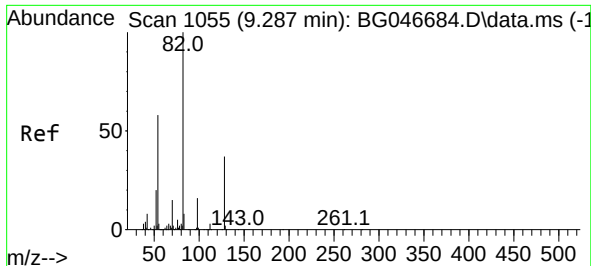
Tgt Ion:	70	Resp:	71611
Ion	Ratio	Lower	Upper
70	100		
42	45.1	45.6	68.4#
101	0.0	8.4	12.6#
130	1.1	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:	136	Resp:	247084
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	8.7	6.2	9.4
68	4.1	5.0	7.4#

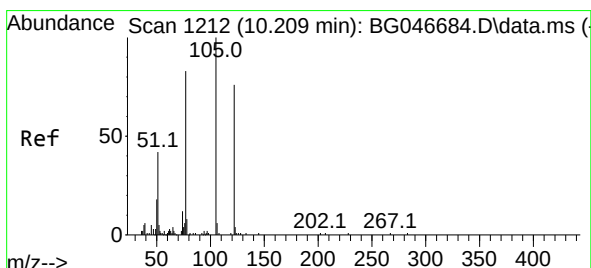
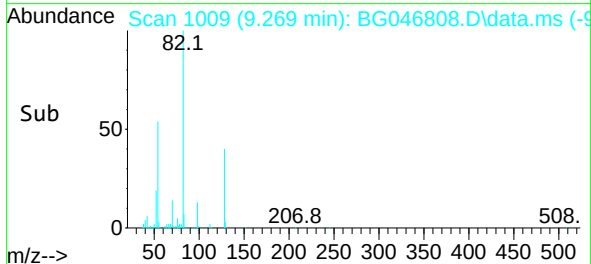
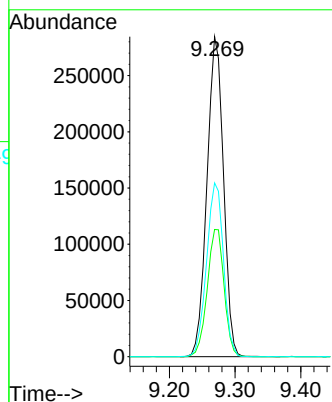
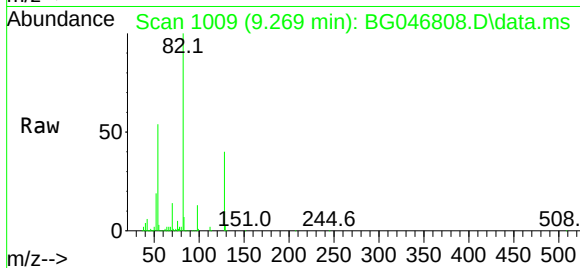




#23
Nitrobenzene-d5
Concen: 107.41 ng
RT: 9.269 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

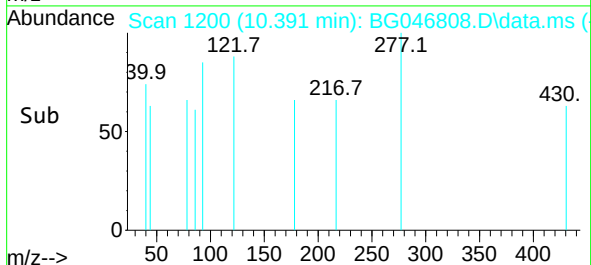
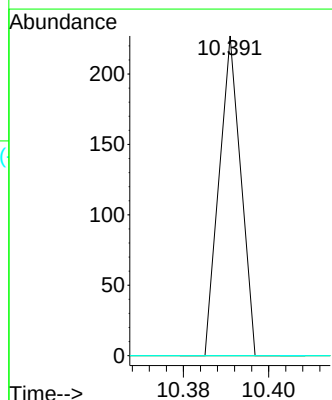
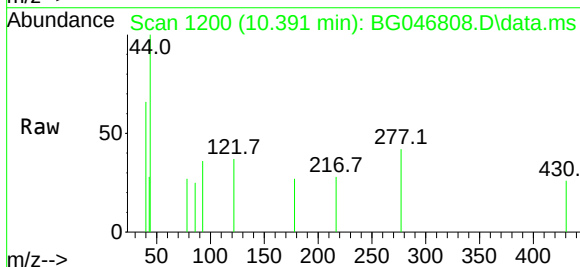
Instrument :
BNA_G
ClientSampleId :
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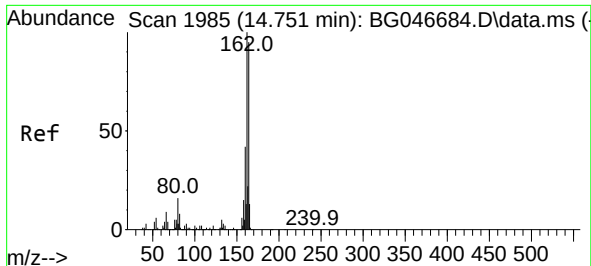
Tgt Ion: 82 Resp: 498867
Ion Ratio Lower Upper
82 100
128 39.8 37.0 55.6
54 54.3 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.391 min Scan# 1200
Delta R.T. 0.197 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

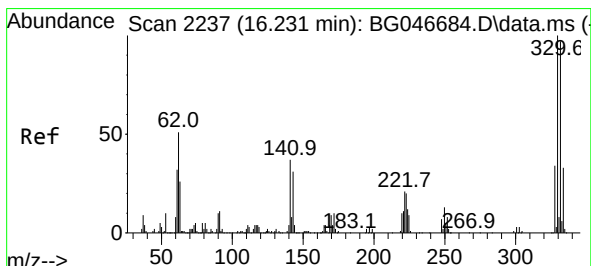
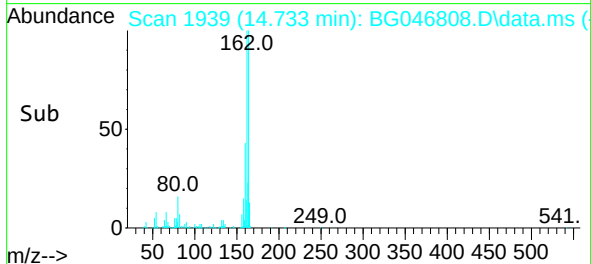
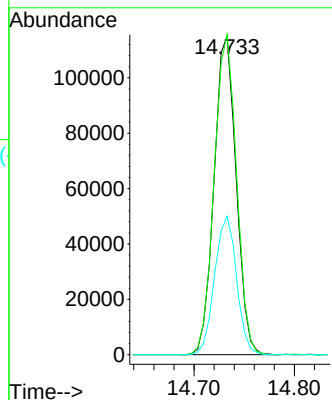
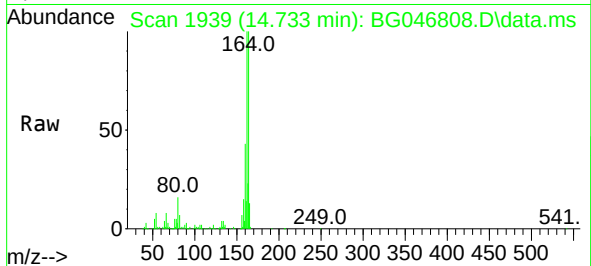




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

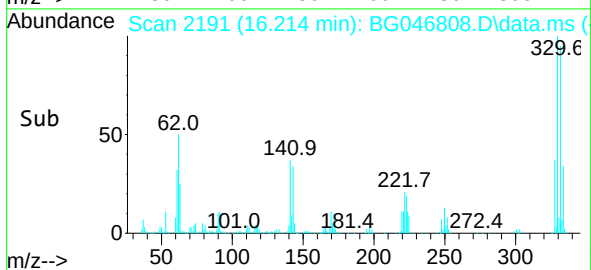
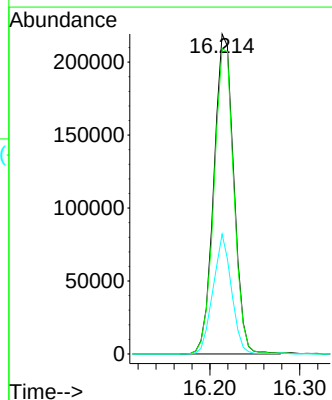
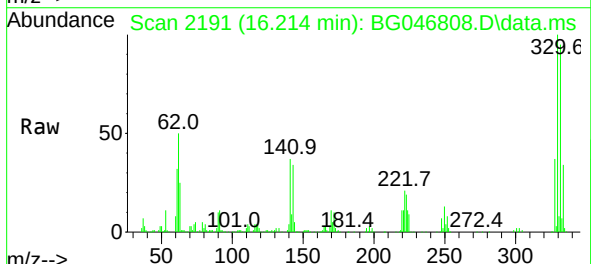
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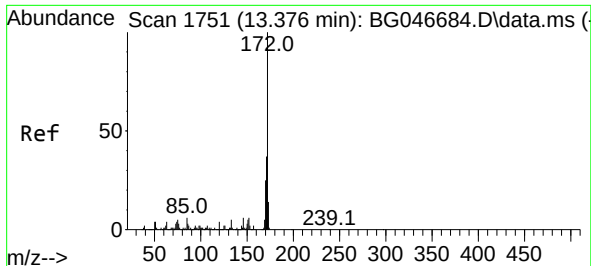
Tgt Ion:164 Resp: 175332
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 43.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 145.85 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:330 Resp: 337183
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 34.6 26.0 39.0

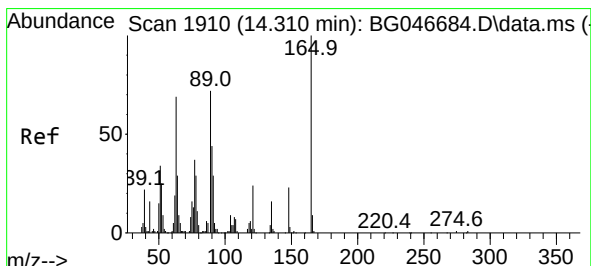
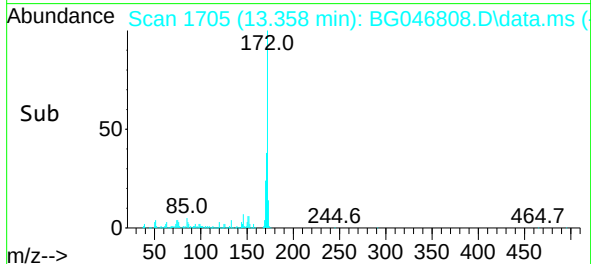
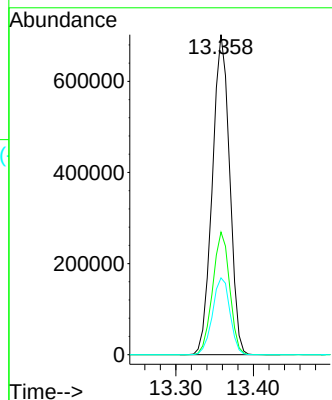
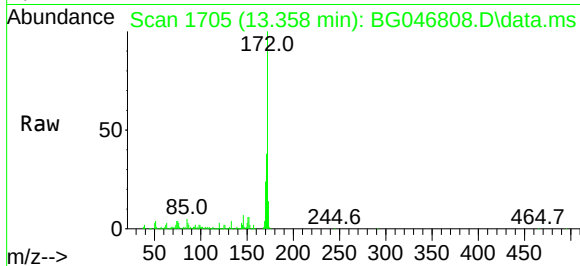




#45
2-Fluorobiphenyl
Concen: 87.90 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

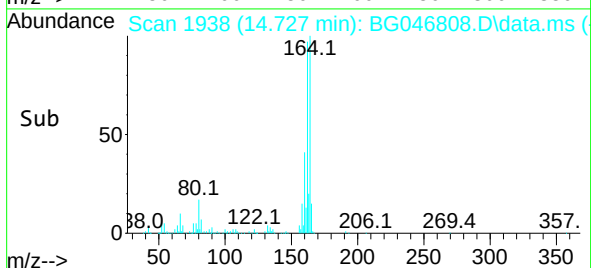
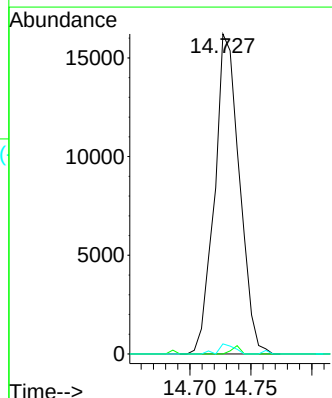
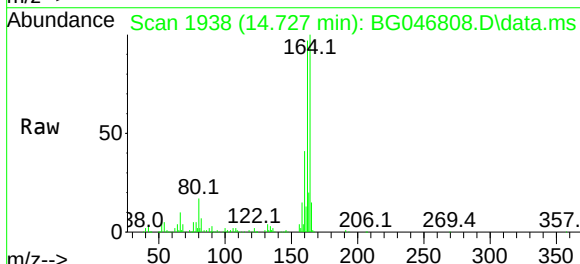
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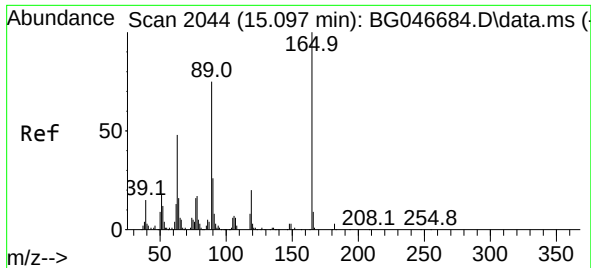
Tgt Ion:172 Resp: 1088621
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 24.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.12 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:165 Resp: 23042
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.2 36.6 54.8#

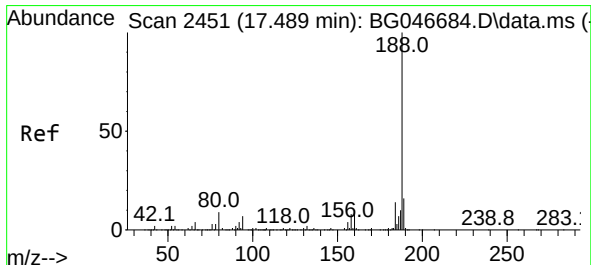
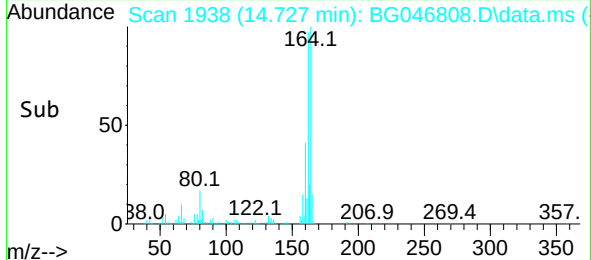
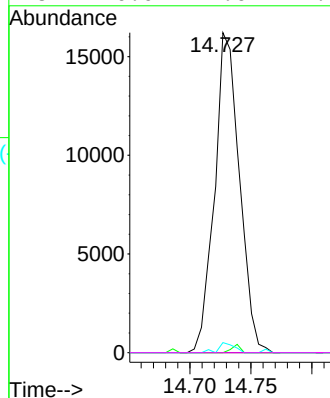
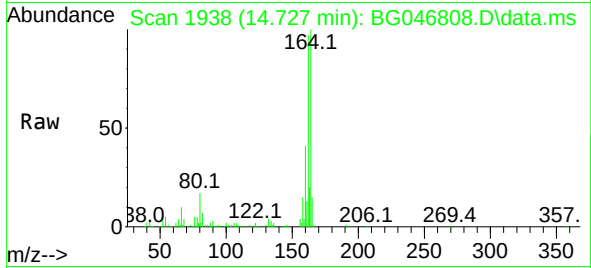




#57
2,4-Dinitrotoluene
Concen: 7.65 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

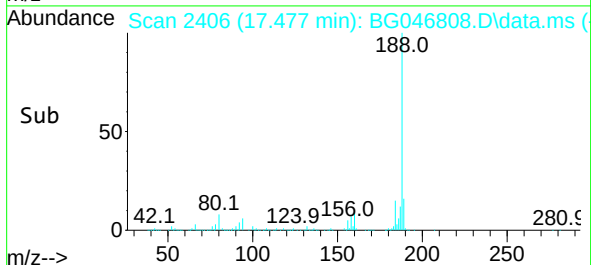
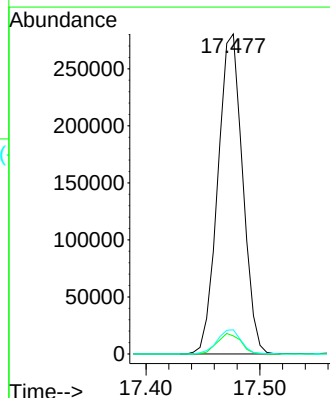
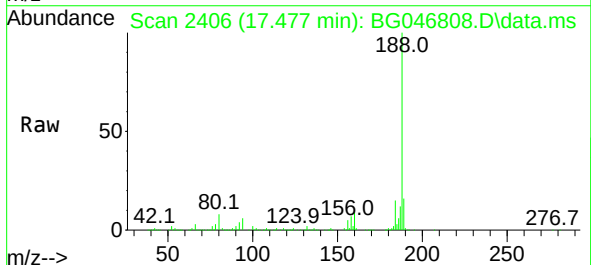
Instrument :
BNA_G
ClientSampleId :
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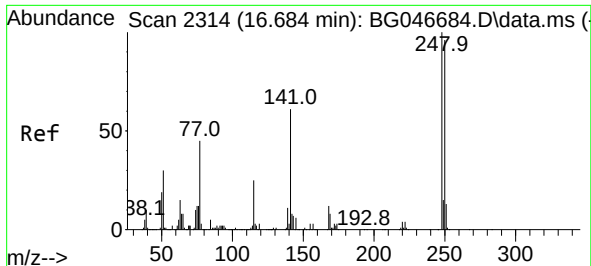
Tgt Ion:	165	Resp:	23042
Ion Ratio	Lower	Upper	
165	100		
63	0.0	26.4	39.6#
89	3.2	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:	188	Resp:	424976
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.3	9.5#
80	7.5	7.0	10.6

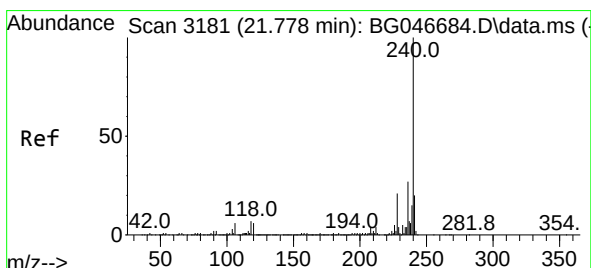
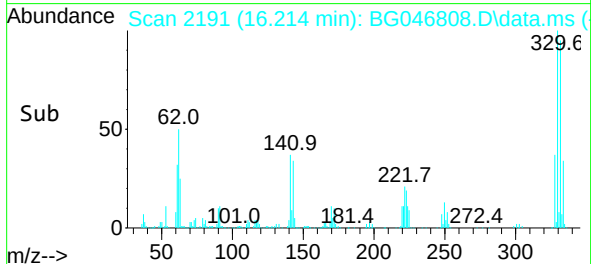
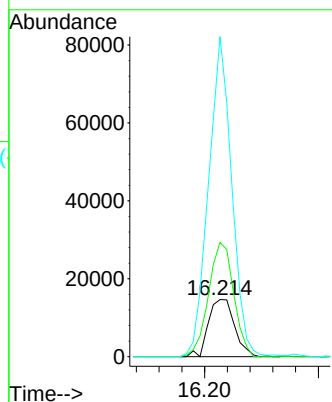
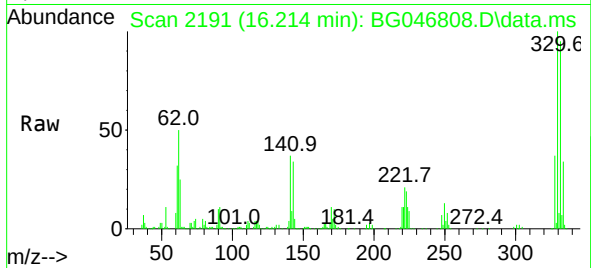




#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

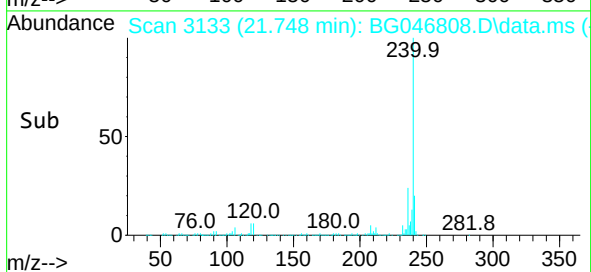
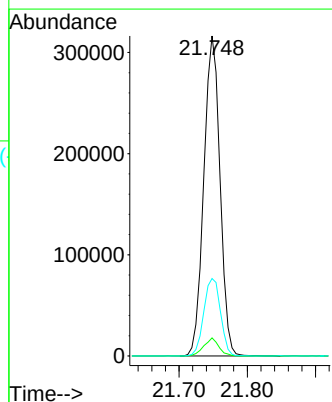
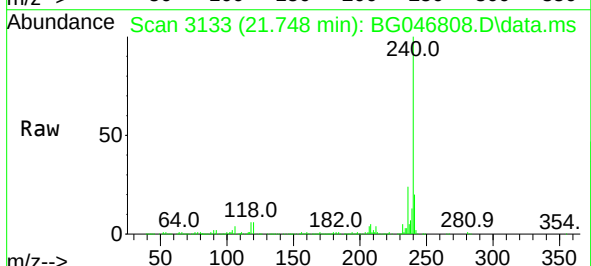
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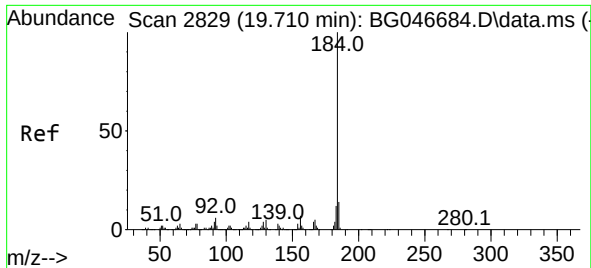
Tgt Ion:248 Resp: 23411
Ion Ratio Lower Upper
248 100
250 190.4 78.9 118.3#
141 412.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.748 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:240 Resp: 521638
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 24.2 20.5 30.7

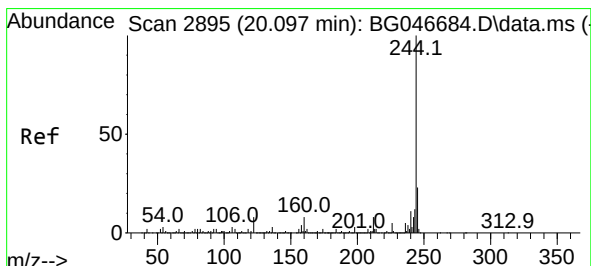
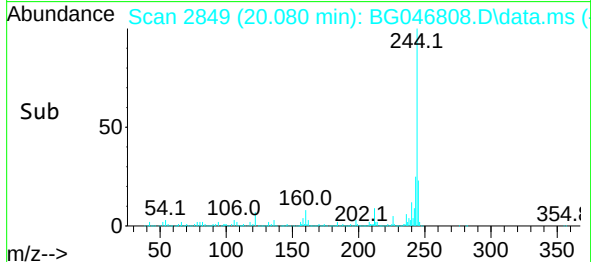
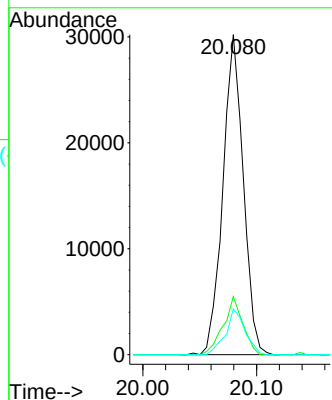
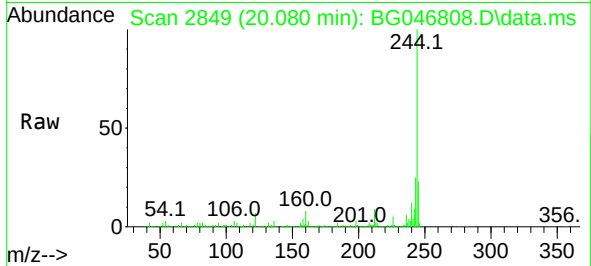




#77
Benzidine
Concen: 2.34 ng
RT: 20.080 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

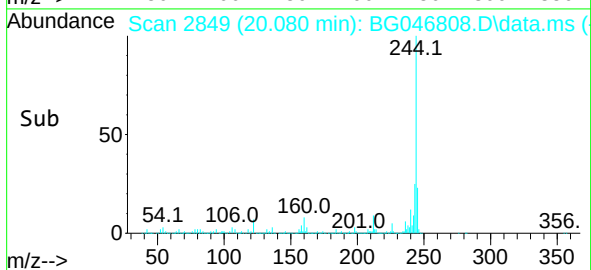
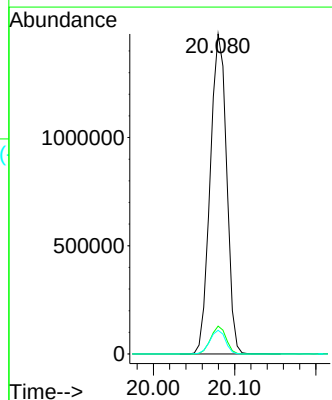
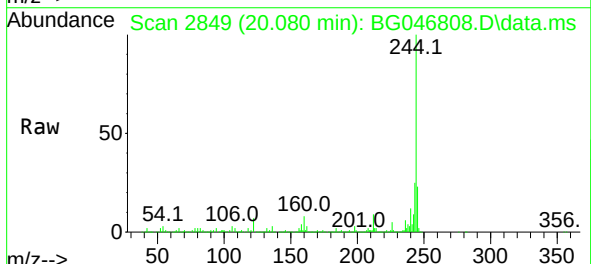
Instrument :
BNA_G
ClientSampleId :
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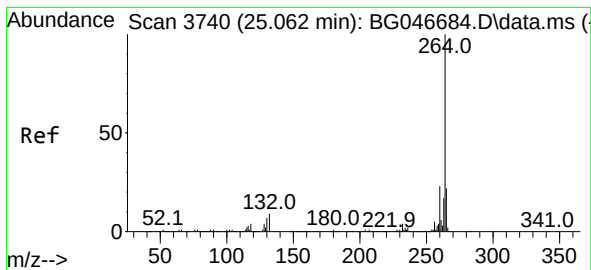
Tgt Ion:184 Resp: 37615
Ion Ratio Lower Upper
184 100
185 18.2 12.4 18.6
183 14.3 10.6 15.8



#79
Terphenyl-d14
Concen: 79.61 ng
RT: 20.080 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BG046808.D
Acq: 7 Oct 2020 19:05

Tgt Ion:244 Resp: 2072035
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 7.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.021 min Scan# 3690
 Delta R.T. -0.008 min
 Lab File: BG046808.D
 Acq: 7 Oct 2020 19:05

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:264 Resp: 512837
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.7 17.8 26.8

