

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046812.D
 Acq On : 8 Oct 2020 11:44
 Operator : CG/JU
 Sample : PB132184TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132184TB

Quant Time: Oct 08 13:22:16 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)

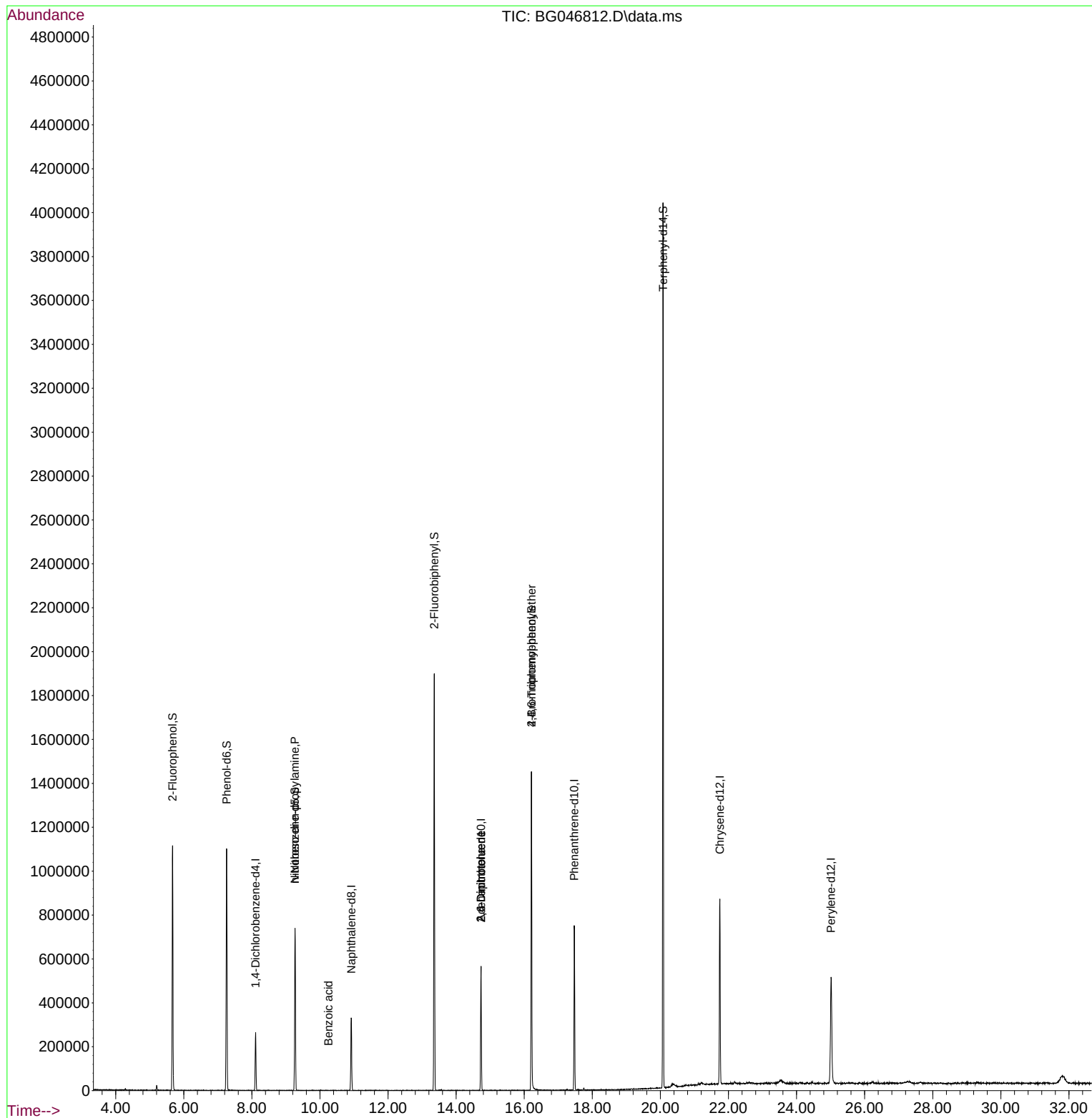
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	72452	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	280873	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	192618	20.00	ng	0.00
64) Phenanthrene-d10	17.469	188	475181	20.00	ng	0.00
76) Chrysene-d12	21.747	240	551554	20.00	ng	# 0.00
86) Perylene-d12	25.014	264	533682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	461350	102.01	ng	0.00
7) Phenol-d6	7.258	99	595170	93.30	ng	0.00
23) Nitrobenzene-d5	9.267	82	428277	81.12	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	284112	111.86	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	980998	72.10	ng	0.00
79) Terphenyl-d14	20.078	244	1783993	64.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.252	77	1304	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	61108	13.97	ng	# 76
32) Benzoic acid	10.248	122	56	6.36	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	27242	10.90	ng	# 34
57) 2,4-Dinitrotoluene	14.731	165	27242	8.23	ng	# 33
67) 4-Bromophenyl-phenylether	16.212	248	20552	3.42	ng	# 1

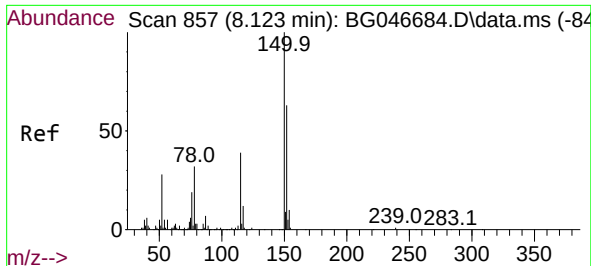
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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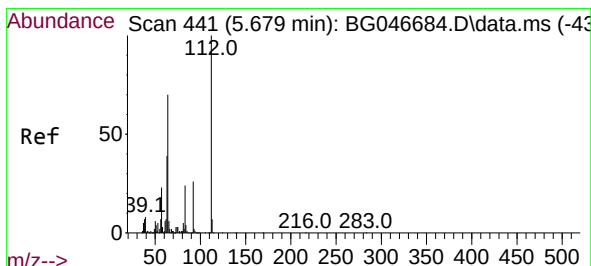
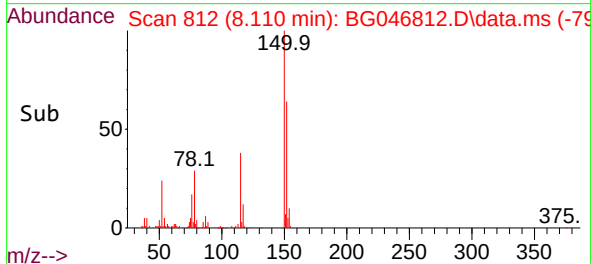
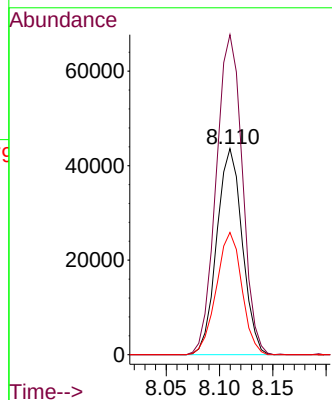
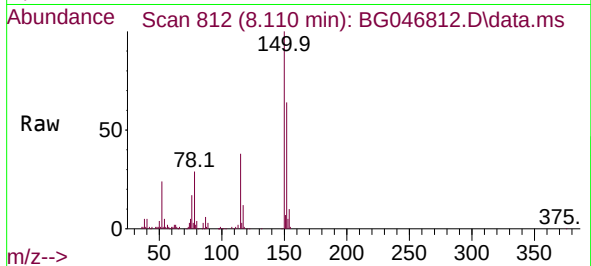




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. 0.002 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

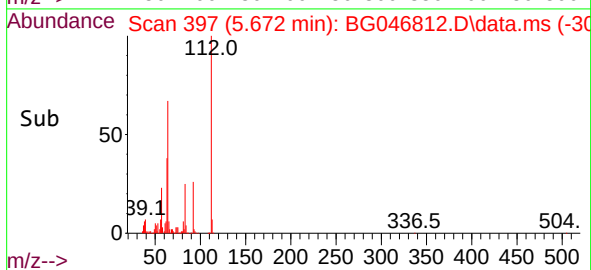
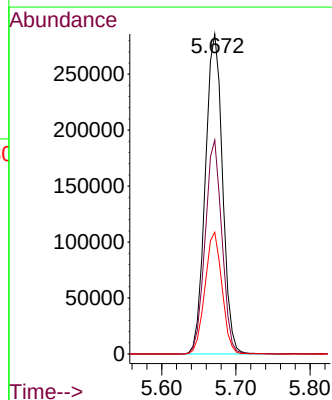
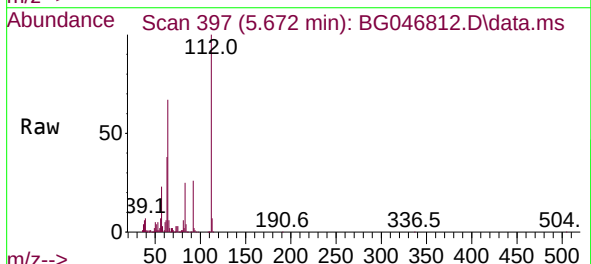
Instrument :
BNA_G
ClientSampleId :
PB132184TB

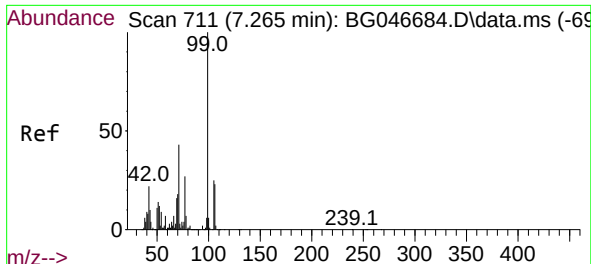
Tgt Ion:152 Resp: 72452
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.6
115 59.4 41.8 62.6



#5
2-Fluorophenol
Concen: 102.01 ng
RT: 5.672 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:112 Resp: 461350
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 38.0 22.8 34.2#

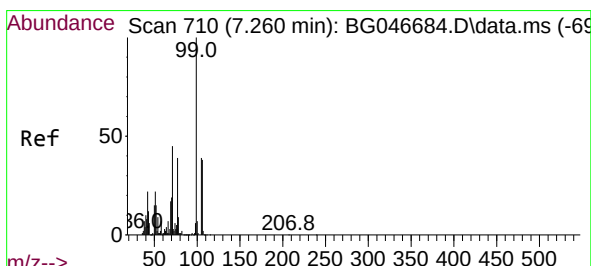
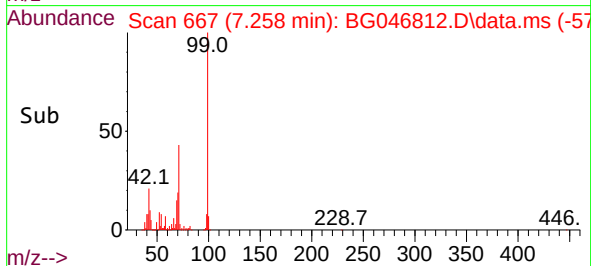
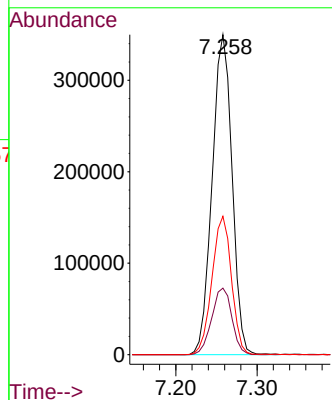
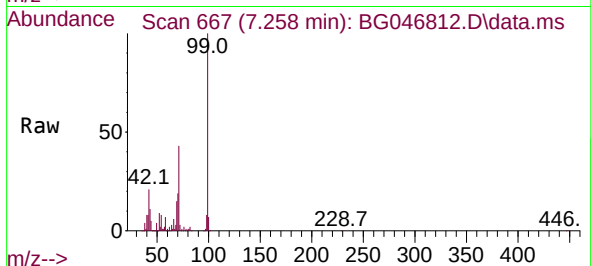




#7
Phenol-d6
Concen: 93.30 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

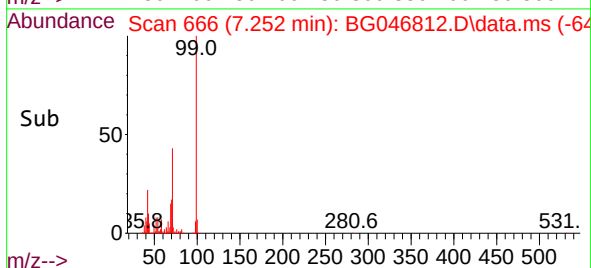
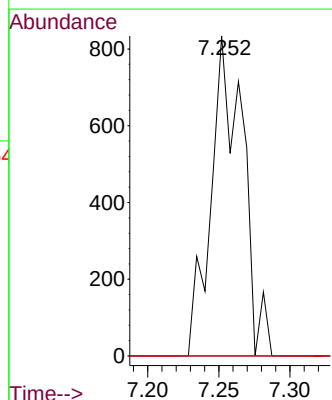
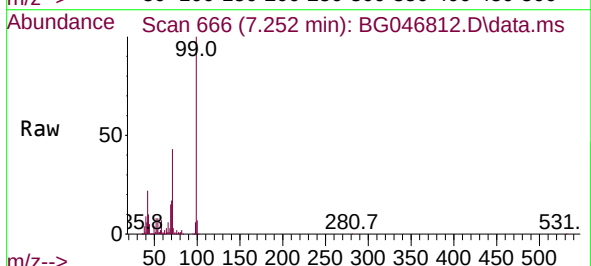
Instrument :
BNA_G
ClientSampleId :
PB132184TB

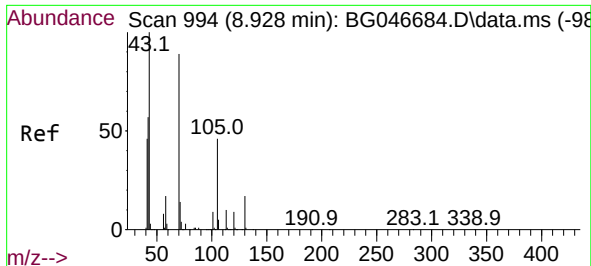
Tgt Ion: 99 Resp: 595170
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 43.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion: 77 Resp: 1304
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

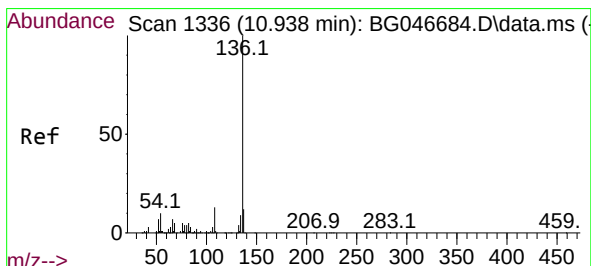
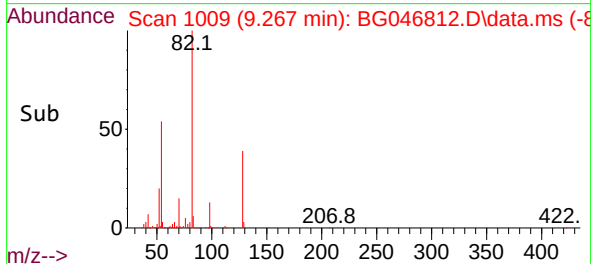
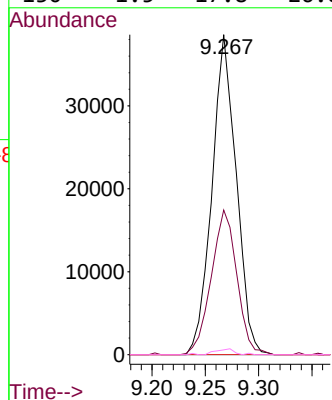
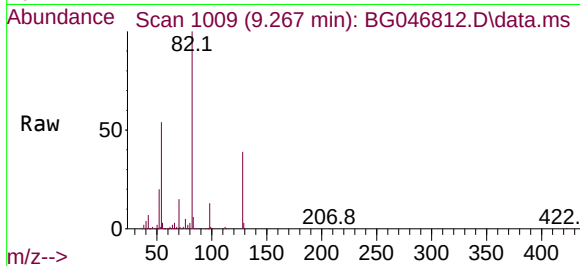




#19
n-Nitroso-di-n-propylamine
Concen: 13.97 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

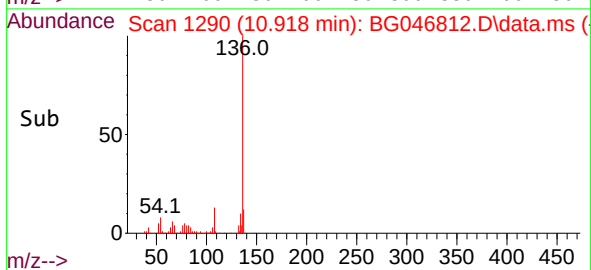
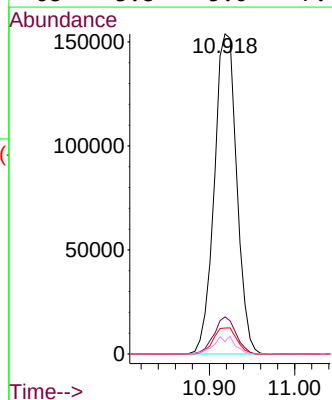
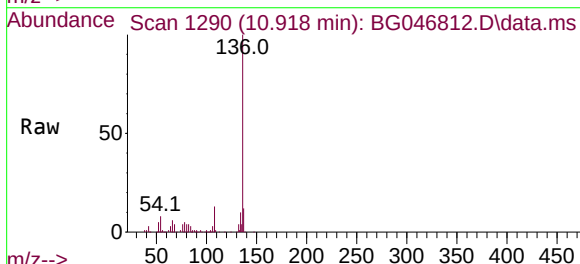
Instrument :
BNA_G
ClientSampleId :
PB132184TB

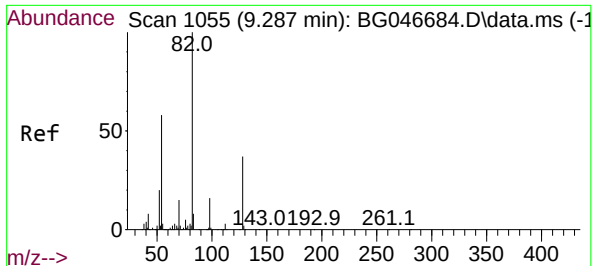
Tgt Ion:	70	Resp:	61108
Ion Ratio	Lower	Upper	
70	100		
42	45.2	45.6	68.4#
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:	136	Resp:	280873
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.1	6.2	9.4
68	3.8	5.0	7.4#

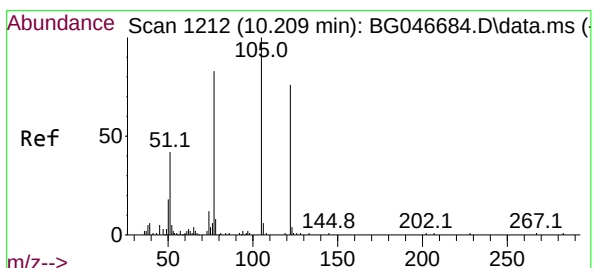
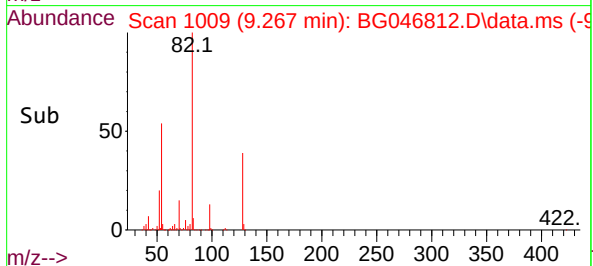
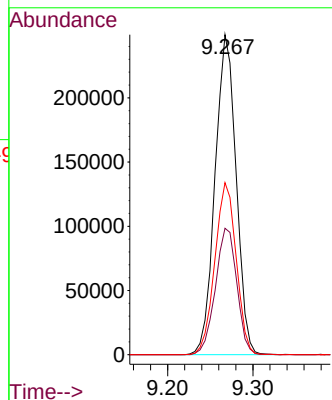
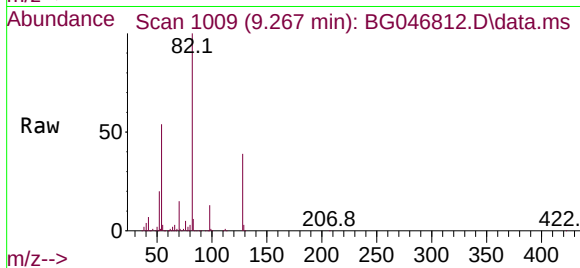




#23
Nitrobenzene-d5
Concen: 81.12 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

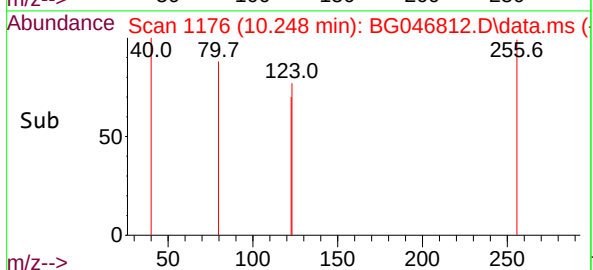
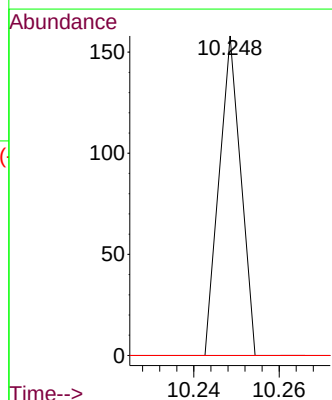
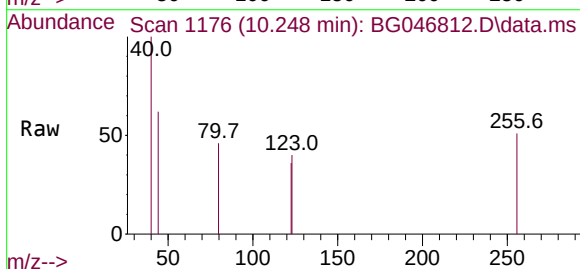
Instrument :
BNA_G
ClientSampleId :
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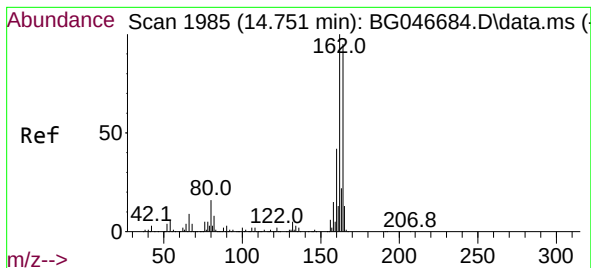
Tgt Ion: 82 Resp: 428277
Ion Ratio Lower Upper
82 100
128 39.5 37.0 55.6
54 53.8 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.248 min Scan# 1176
Delta R.T. 0.055 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

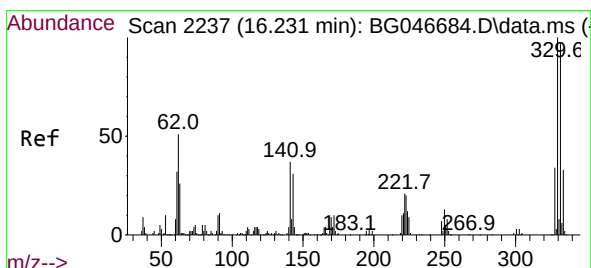
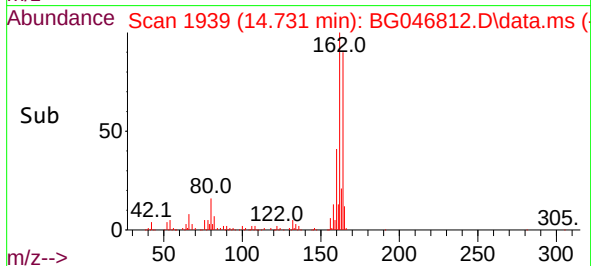
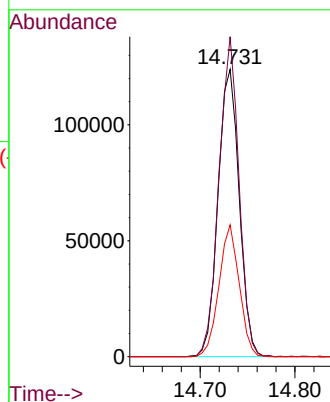
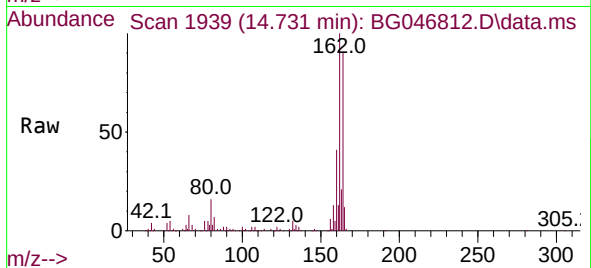




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

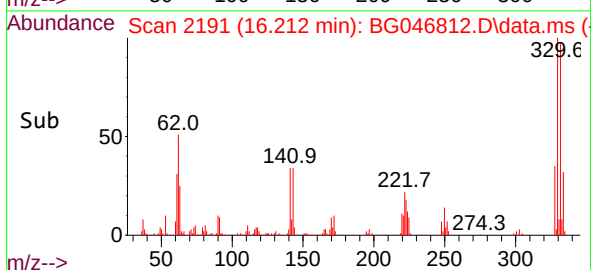
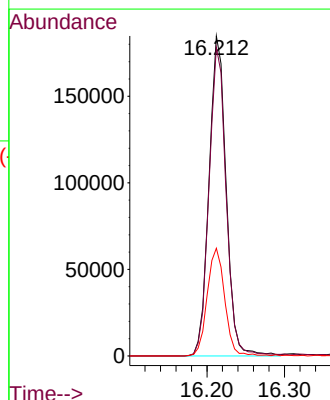
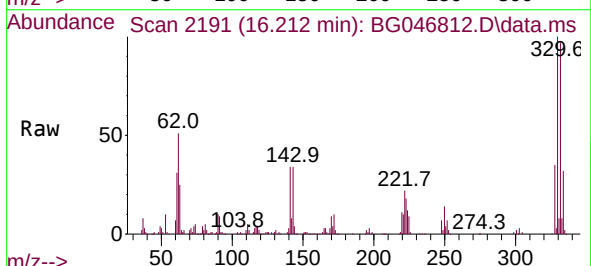
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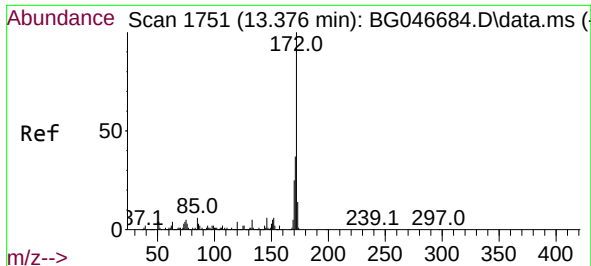
Tgt Ion:164 Resp: 192618
Ion Ratio Lower Upper
164 100
162 111.3 82.3 123.5
160 45.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 111.86 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:330 Resp: 284112
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 34.4 26.0 39.0

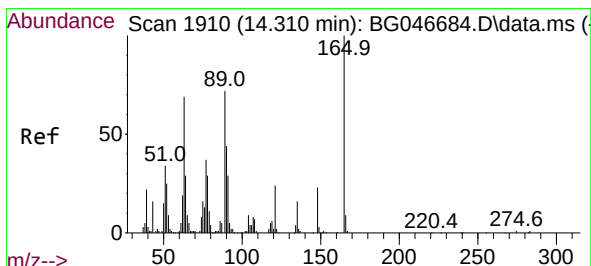
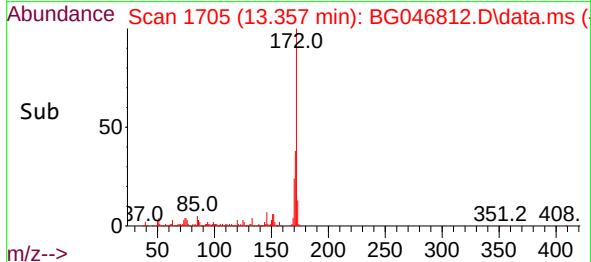
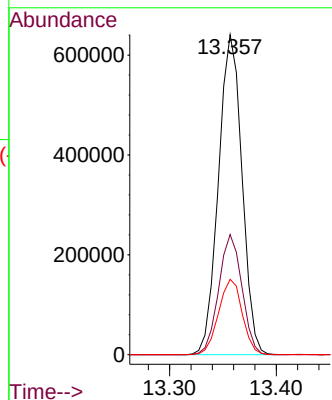
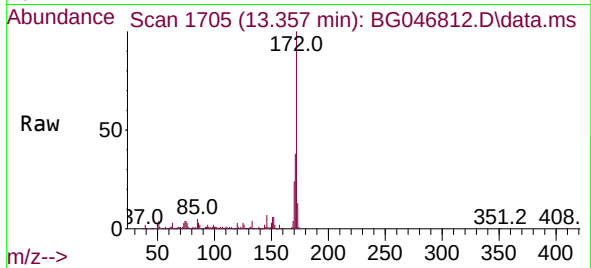




#45
2-Fluorobiphenyl
Concen: 72.10 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

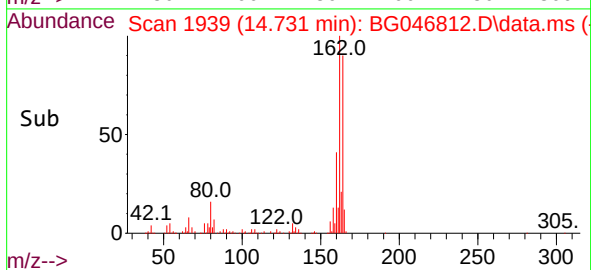
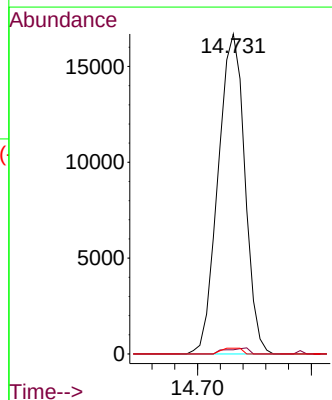
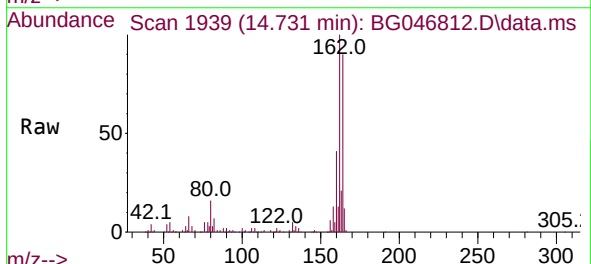
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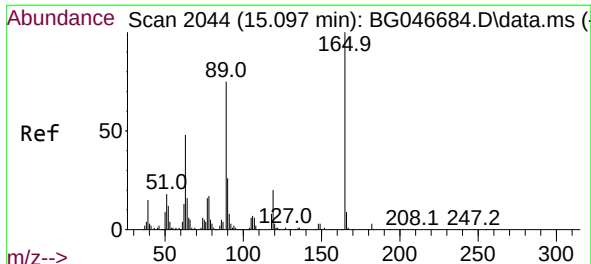
Tgt Ion:172 Resp: 980998
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 23.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.90 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.431 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

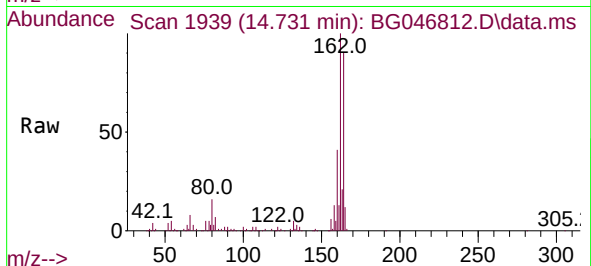
Tgt Ion:165 Resp: 27242
Ion Ratio Lower Upper
165 100
63 1.3 33.7 50.5#
89 1.8 36.6 54.8#



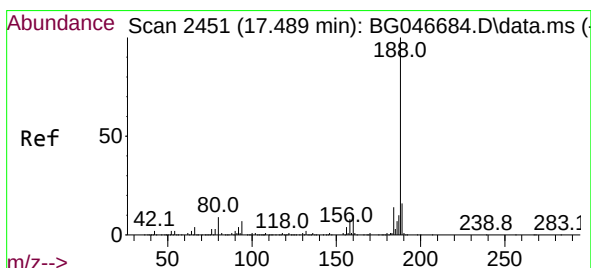
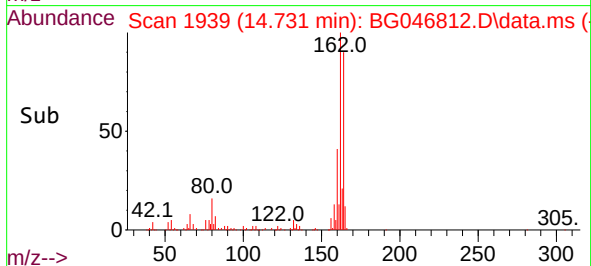
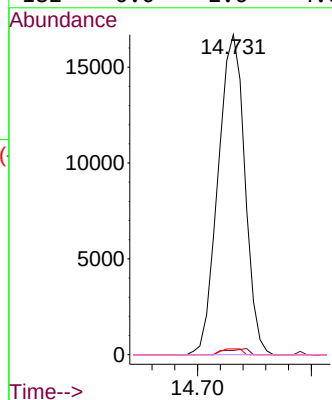


#57
2,4-Dinitrotoluene
Concen: 8.23 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.351 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Instrument :
BNA_G
ClientSampleId :
PB132184TB

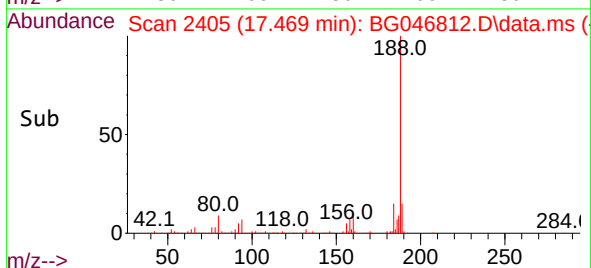
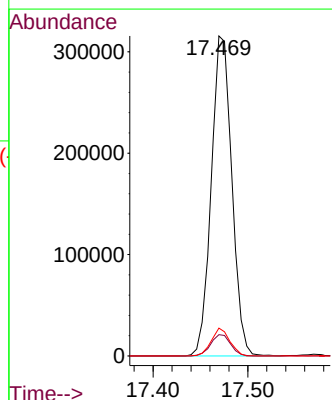
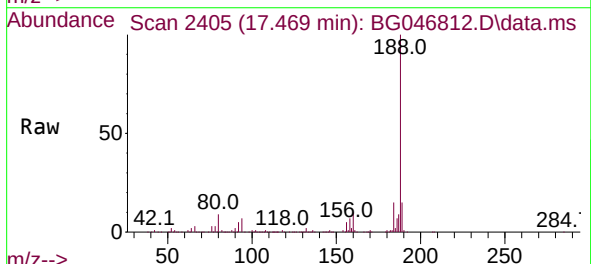


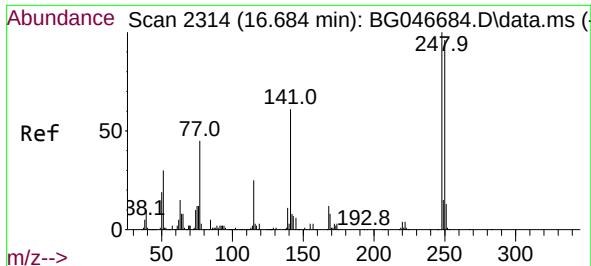
Tgt Ion:165 Resp: 27242
Ion Ratio Lower Upper
165 100
63 1.3 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:188 Resp: 475181
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 8.7 7.0 10.6

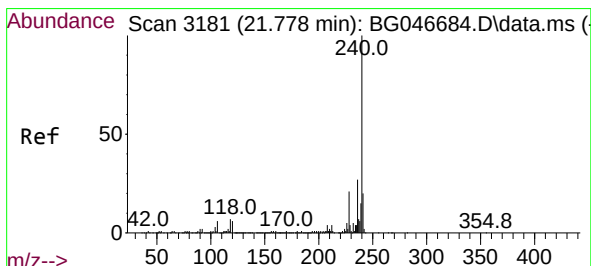
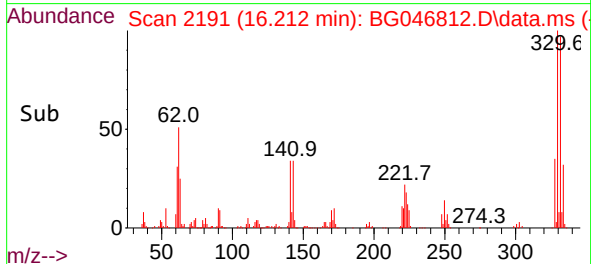
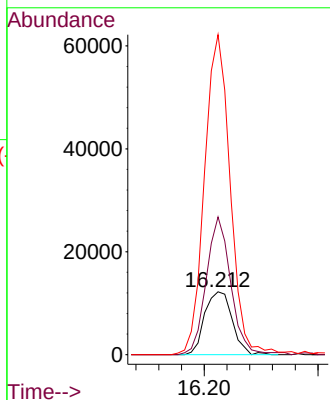
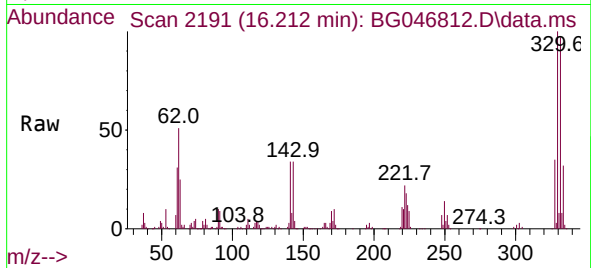




#67
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

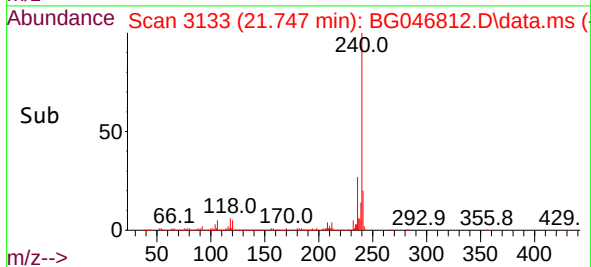
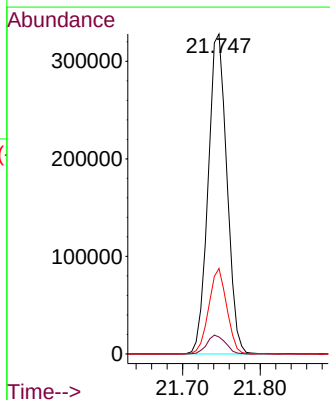
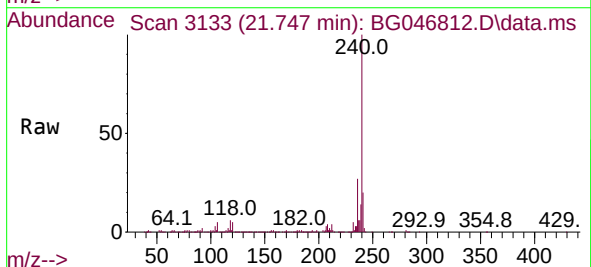
Instrument :
BNA_G
ClientSampleId :
PB132184TB

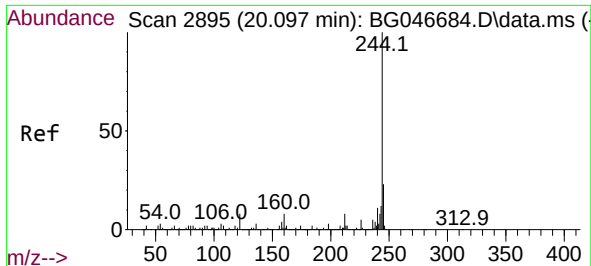
Tgt Ion:248 Resp: 20552
Ion Ratio Lower Upper
248 100
250 225.1 78.9 118.3#
141 407.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.747 min Scan# 3133
Delta R.T. -0.010 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:240 Resp: 551554
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.7 20.5 30.7

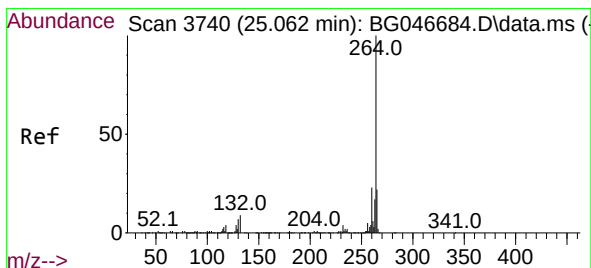
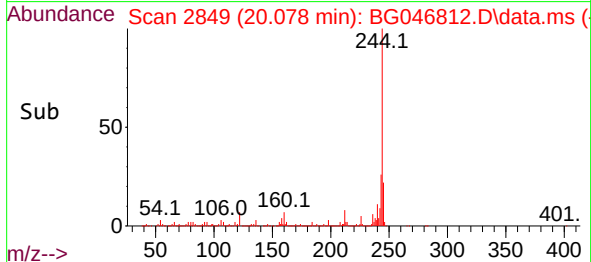
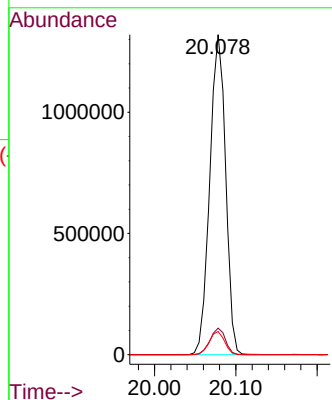
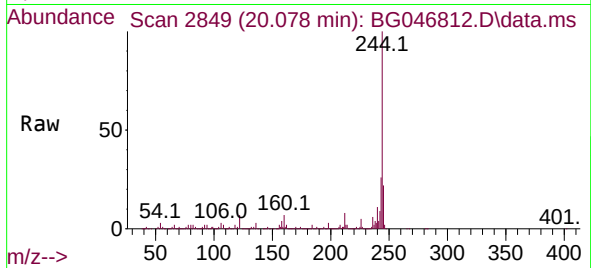




#79
Terphenyl-d14
Concen: 64.83 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Instrument :
BNA_G
ClientSampleId :
PB132184TB

Tgt Ion:244 Resp: 1783993
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.3 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.014 min Scan# 3689
Delta R.T. -0.016 min
Lab File: BG046812.D
Acq: 8 Oct 2020 11:44

Tgt Ion:264 Resp: 533682
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 22.0 17.8 26.8

