

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046881.D
 Acq On : 13 Oct 2020 19:45
 Operator : CG/JU
 Sample : L4369-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-1

Quant Time: Oct 14 01:05:40 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)

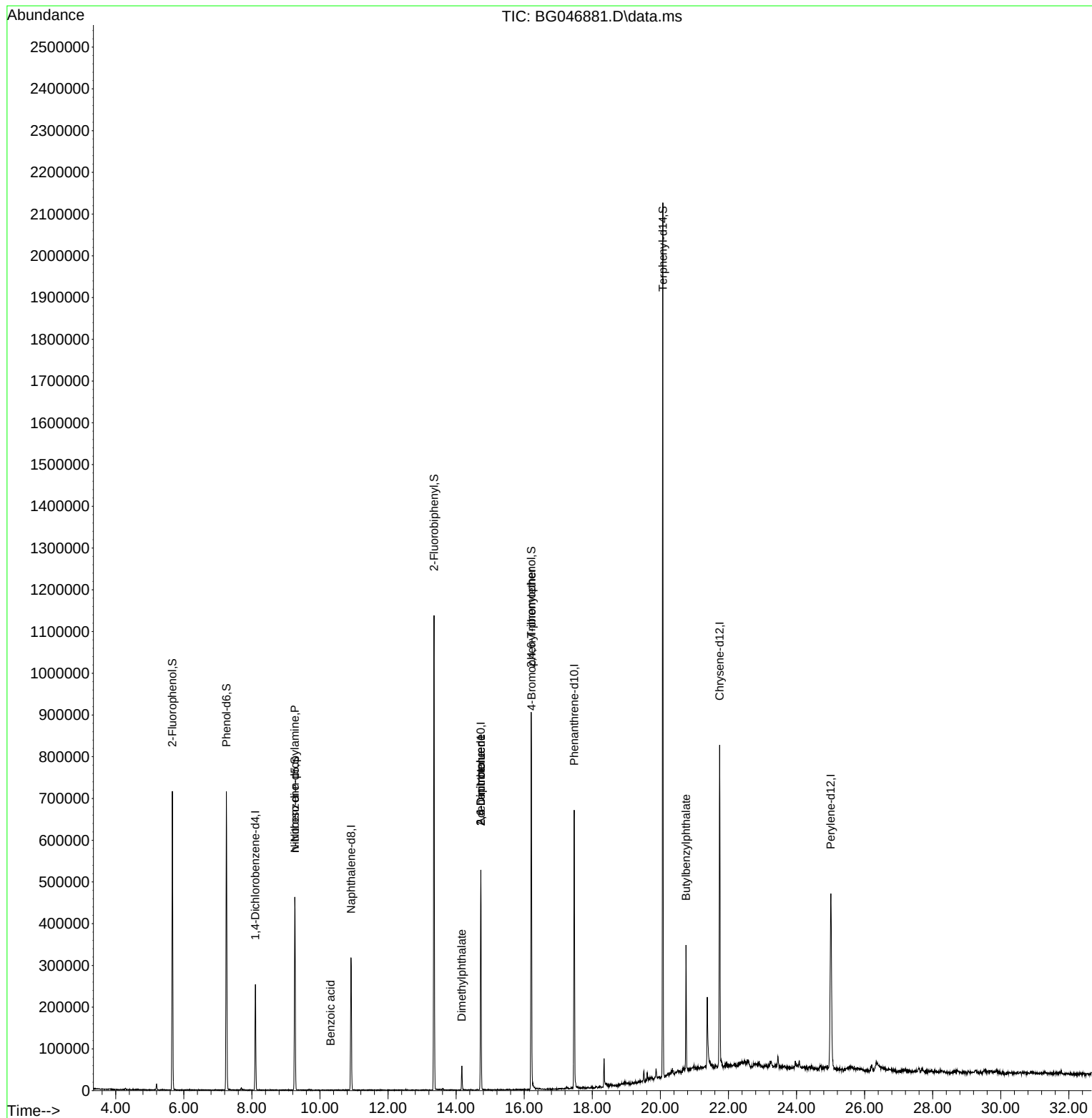
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	68385	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	262298	20.00	ng	# 0.00
39) Acenaphthene-d10	14.727	164	181921	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	438477	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	470693	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	468452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	289646	67.85	ng	0.00
7) Phenol-d6	7.253	99	383480	63.69	ng	0.00
23) Nitrobenzene-d5	9.263	82	273453	55.46	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	183292	76.41	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	601547	46.81	ng	0.00
79) Terphenyl-d14	20.074	244	950077	40.45	ng	0.00
Target Compounds						
9) Benzaldehyde	7.247	77	820	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	40070	9.70	ng	# 78
32) Benzoic acid	10.314	122	77	6.37	ng	# 1
50) Dimethylphthalate	14.169	163	38691	2.66	ng	99
51) 2,6-Dinitrotoluene	14.727	165	23475	9.94	ng	# 37
57) 2,4-Dinitrotoluene	14.727	165	23475	7.51	ng	# 35
67) 4-Bromophenyl-phenylether	16.213	248	13358	2.41	ng	# 1
80) Butylbenzylphthalate	20.755	149	81782	6.99	ng	91

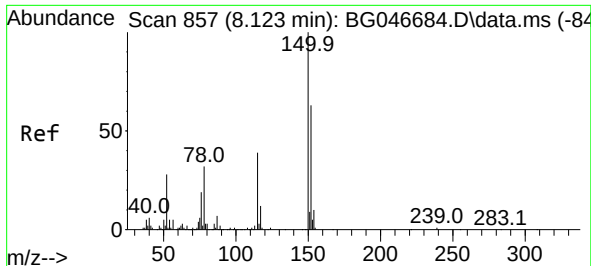
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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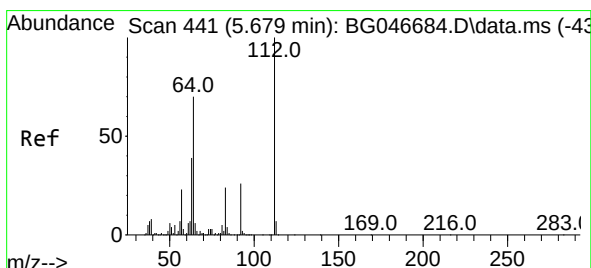
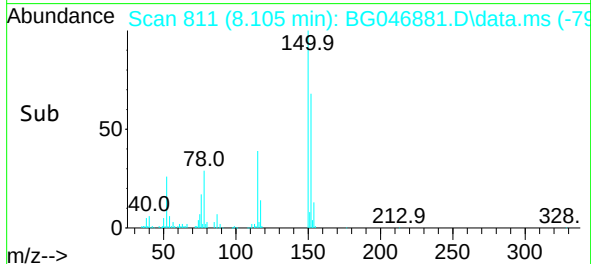
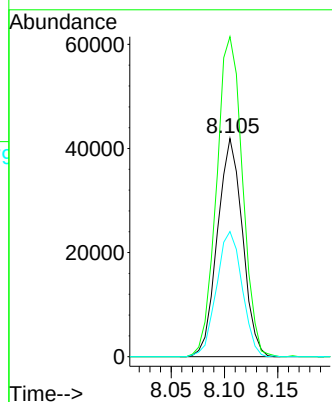
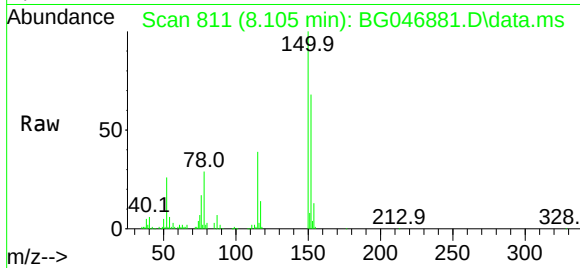




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

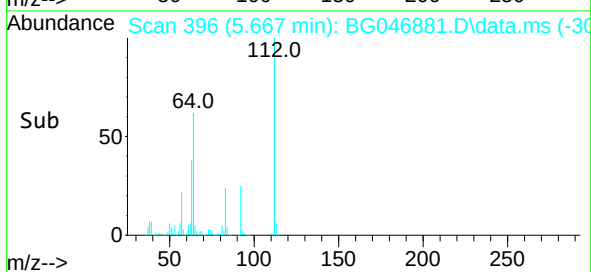
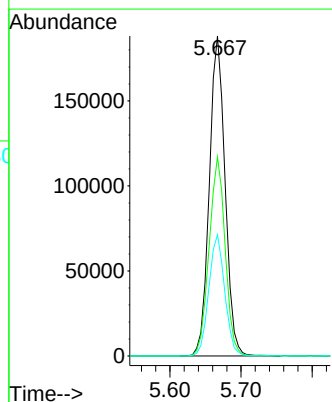
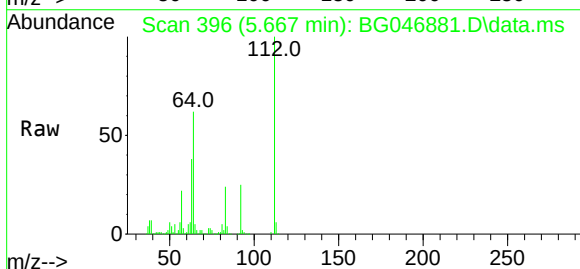
Instrument :
BNA_G
ClientSampleId :
HD-1

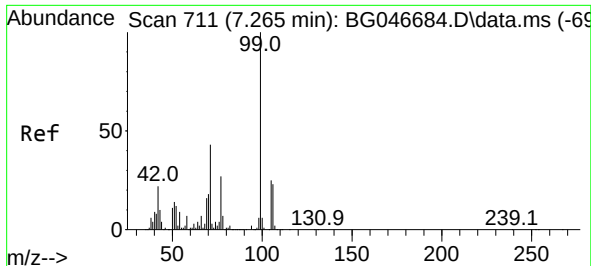
Tgt Ion:152 Resp: 68385
Ion Ratio Lower Upper
152 100
150 146.6 125.0 187.6
115 57.3 41.8 62.6



#5
2-Fluorophenol
Concen: 67.85 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:112 Resp: 289646
Ion Ratio Lower Upper
112 100
64 62.2 46.7 70.1
63 37.9 22.8 34.2#

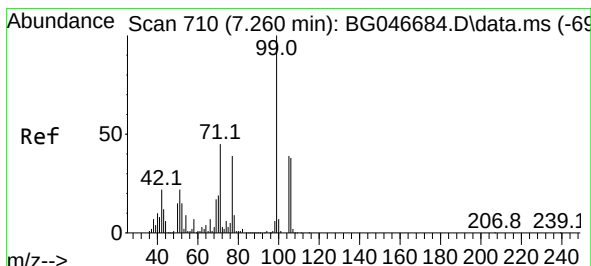
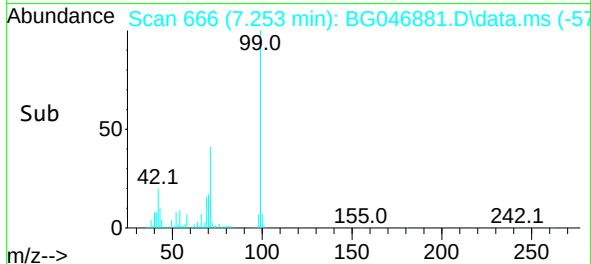
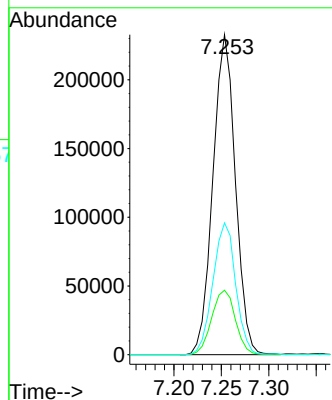
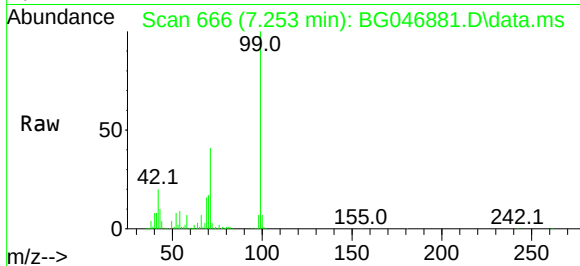




#7
Phenol-d6
Concen: 63.69 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

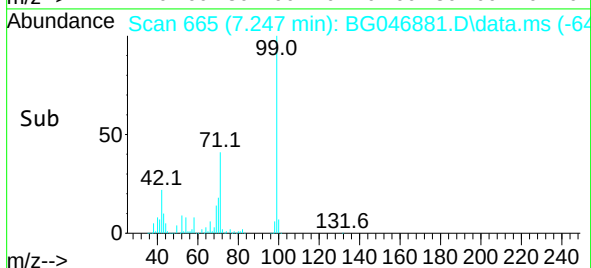
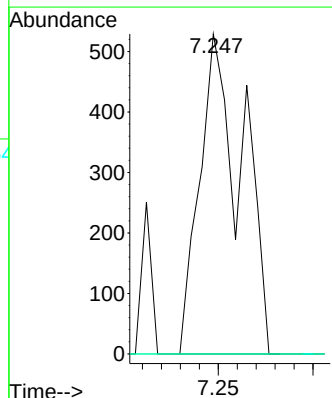
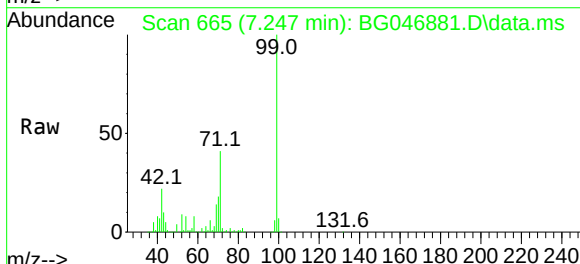
Instrument :
BNA_G
ClientSampled :
HD-1

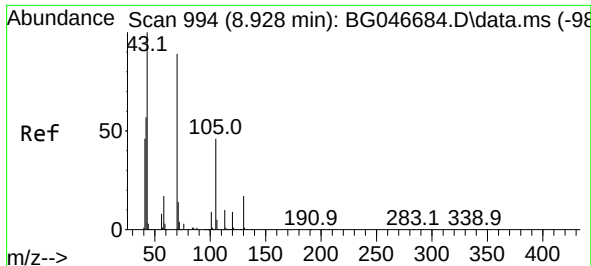
Tgt Ion: 99 Resp: 383480
Ion Ratio Lower Upper
99 100
42 20.2 12.8 19.2#
71 41.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.247 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion: 77 Resp: 820
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

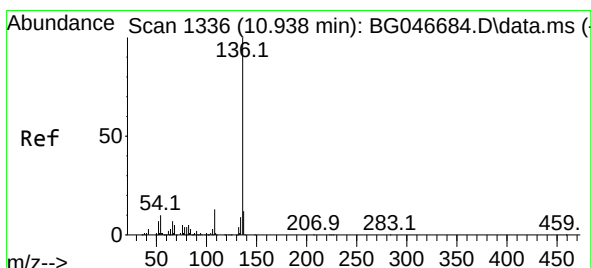
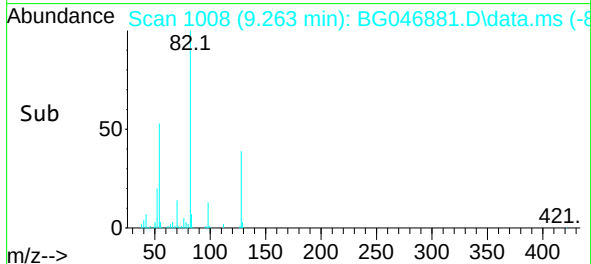
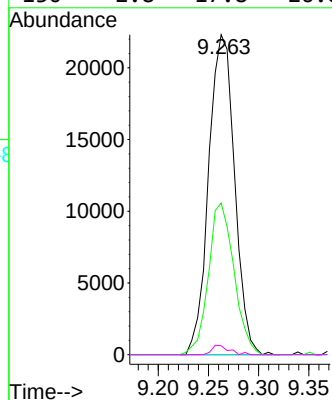
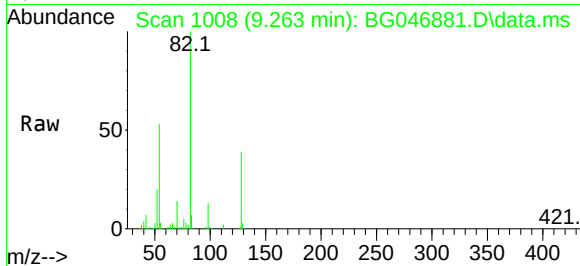




#19
n-Nitroso-di-n-propylamine
Concen: 9.70 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

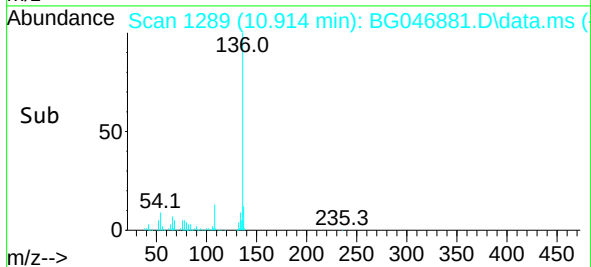
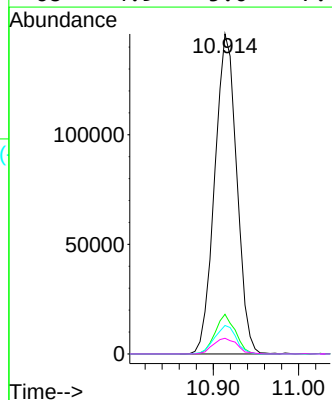
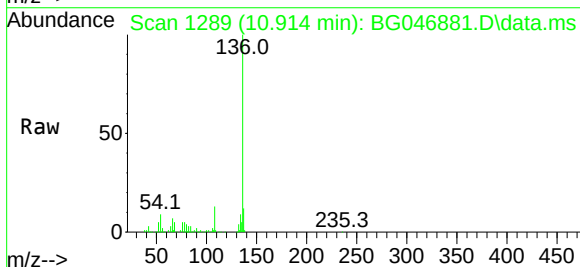
Instrument :
BNA_G
ClientSampled :
HD-1

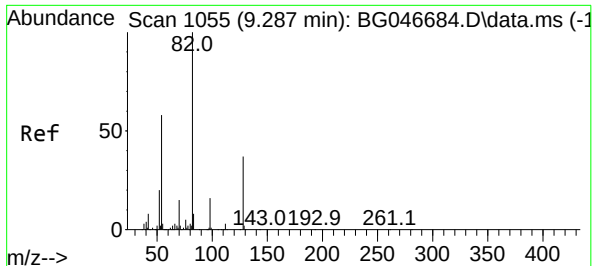
Tgt Ion:	70	Resp:	40070
Ion	Ratio	Lower	Upper
70	100		
42	47.4	45.6	68.4
101	0.0	8.4	12.6#
130	2.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:	136	Resp:	262298
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	8.9	6.2	9.4
68	4.9	5.0	7.4#

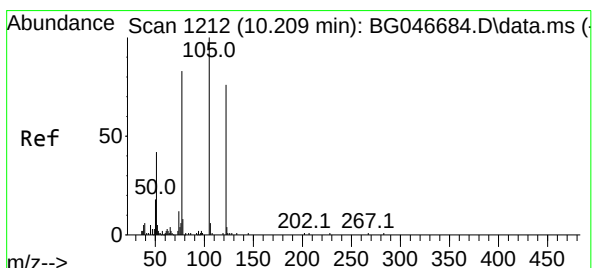
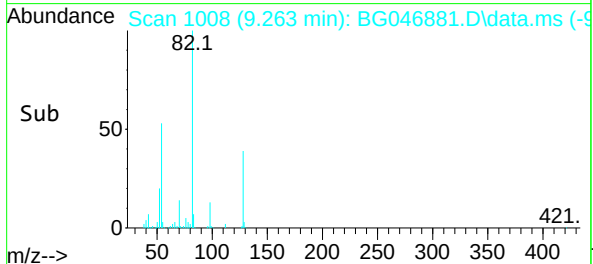
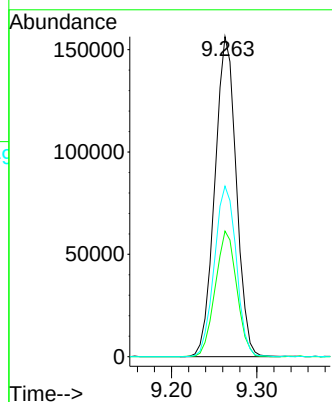
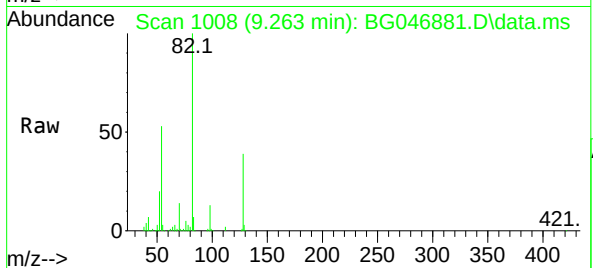




#23
Nitrobenzene-d5
Concen: 55.46 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

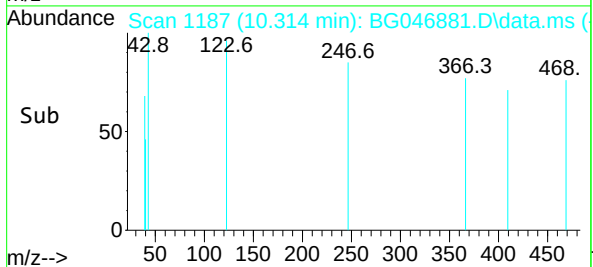
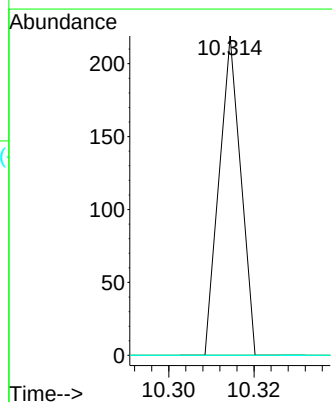
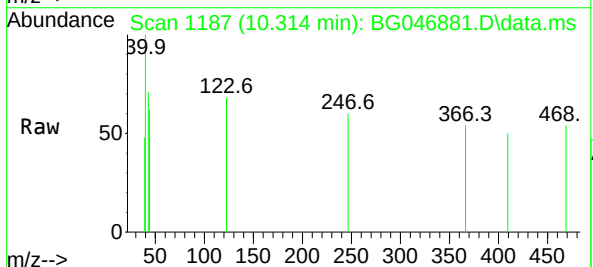
Instrument :
BNA_G
ClientSampled :
HD-1

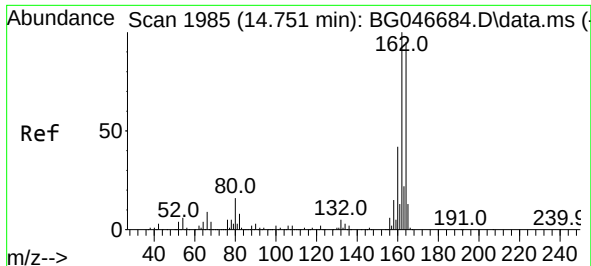
Tgt Ion: 82 Resp: 273453
Ion Ratio Lower Upper
82 100
128 39.2 37.0 55.6
54 53.3 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.314 min Scan# 1187
Delta R.T. 0.121 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

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

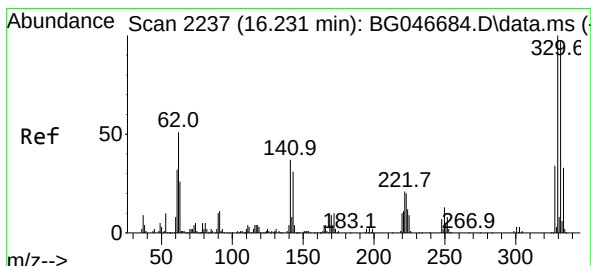
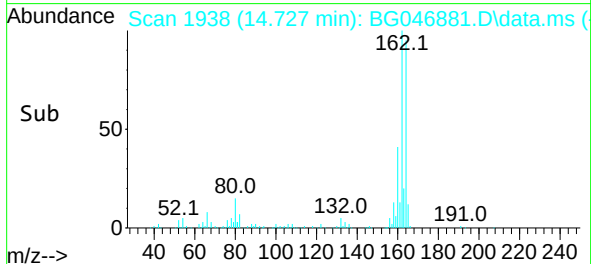
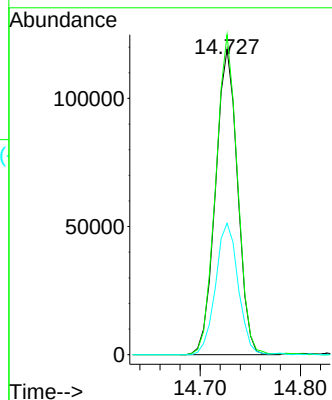
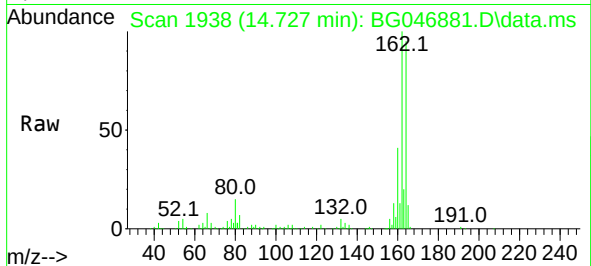




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

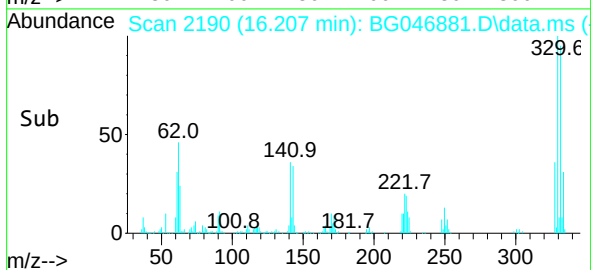
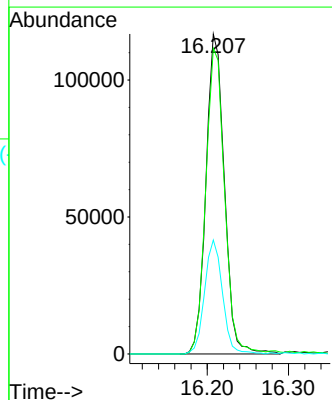
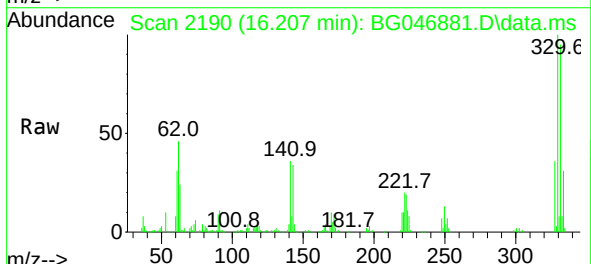
Instrument :
BNA_G
ClientSampleId :
HD-1

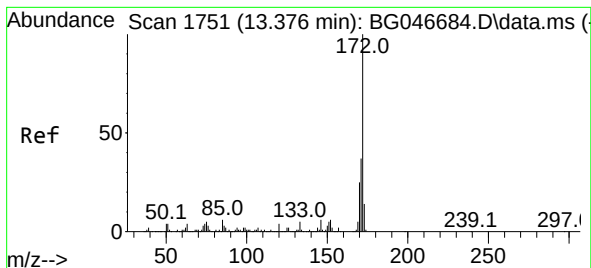
Tgt Ion:164 Resp: 181921
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 76.41 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:330 Resp: 183292
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 34.6 26.0 39.0

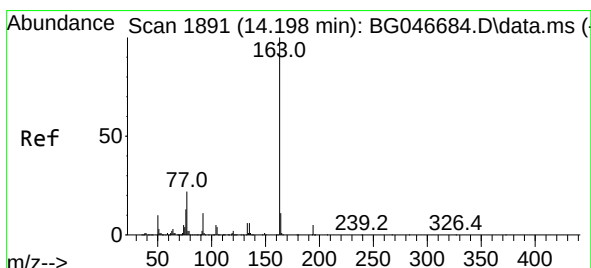
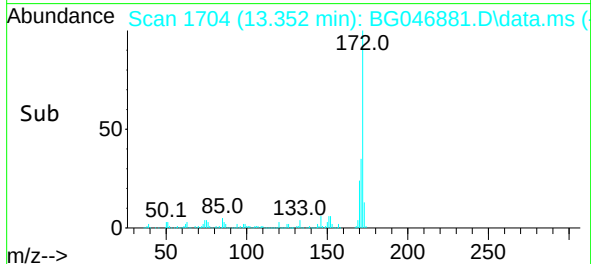
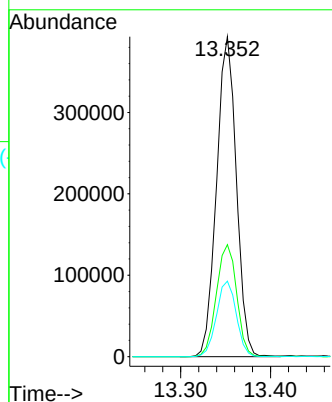
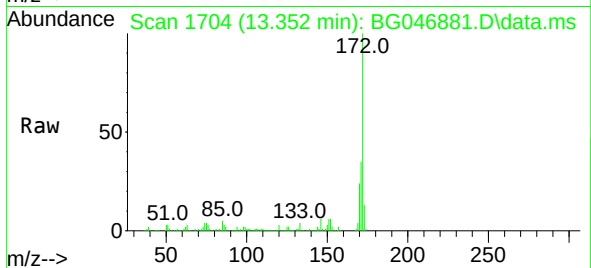




#45
2-Fluorobiphenyl
Concen: 46.81 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

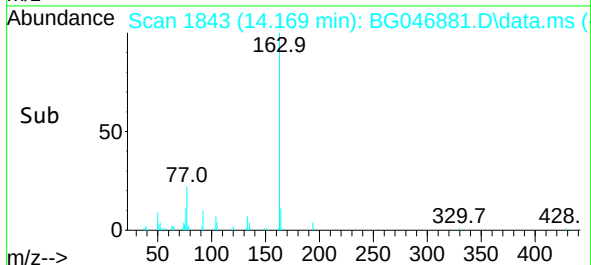
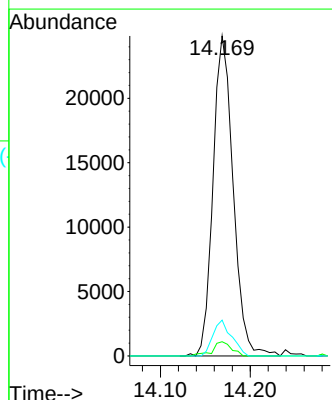
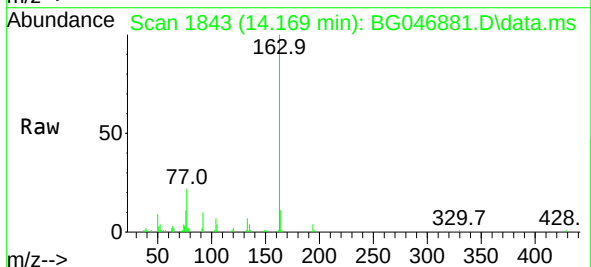
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ClientSampleId :
HD-1

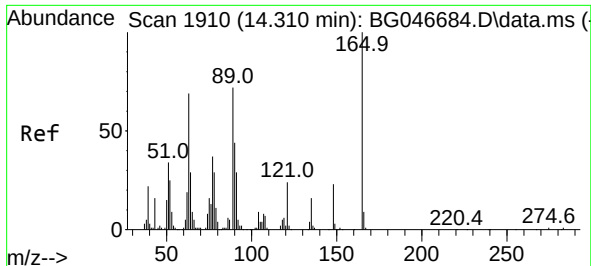
Tgt Ion:172 Resp: 601547
Ion Ratio Lower Upper
172 100
171 35.0 31.3 46.9
170 23.6 20.8 31.2



#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:163 Resp: 38691
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.8
164 11.2 8.8 13.2

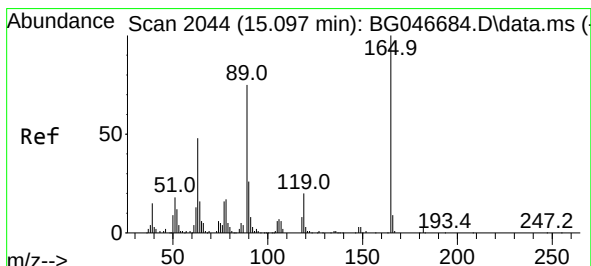
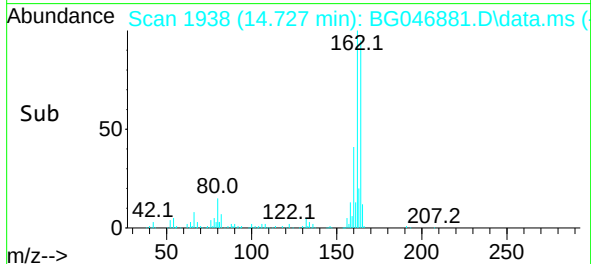
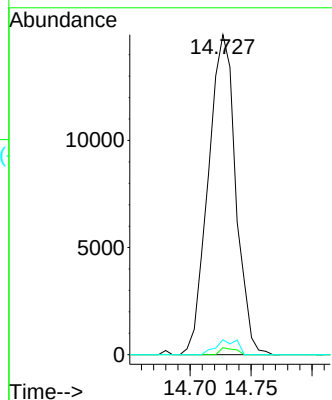
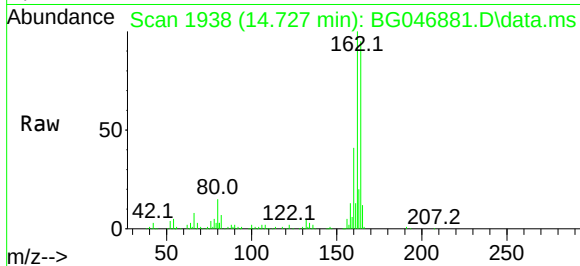




#51
2,6-Dinitrotoluene
Concen: 9.94 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

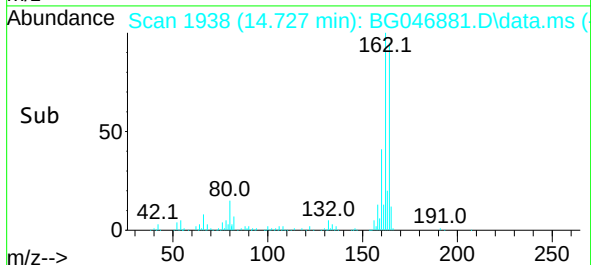
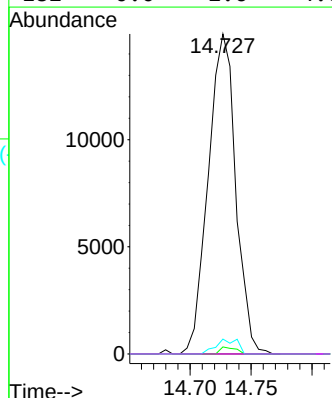
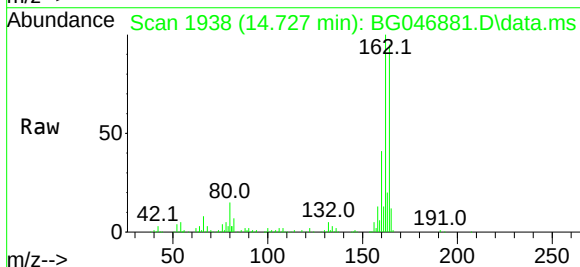
Instrument :
BNA_G
ClientSampled :
HD-1

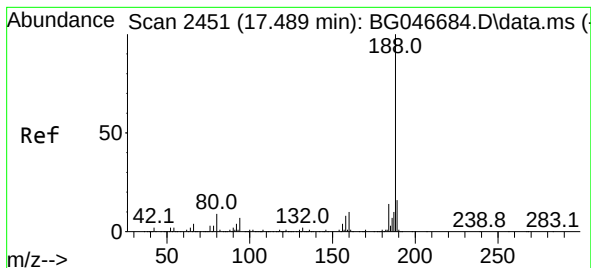
Tgt Ion:165 Resp: 23475
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 4.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:165 Resp: 23475
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 4.6 47.8 71.8#
182 0.0 2.6 4.0#

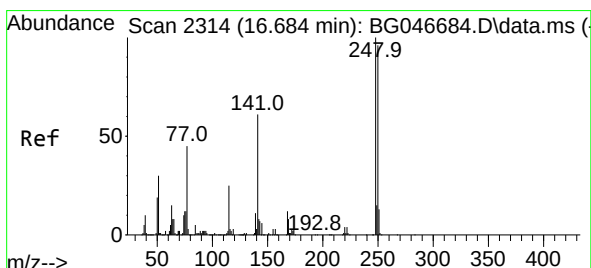
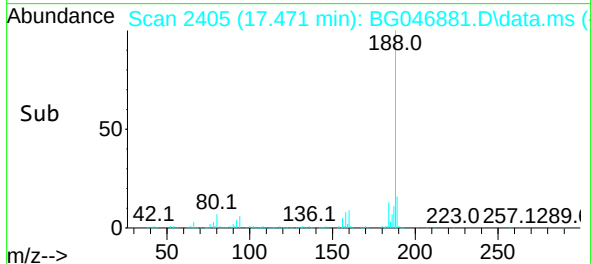
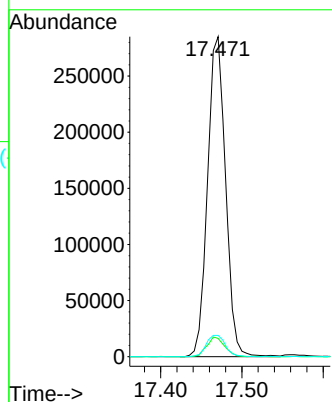
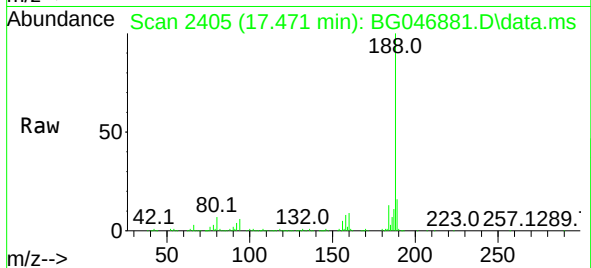




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

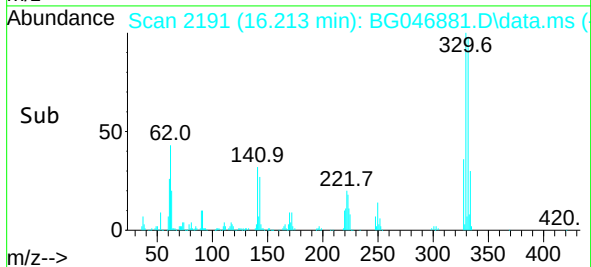
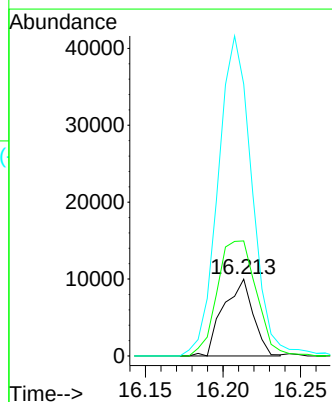
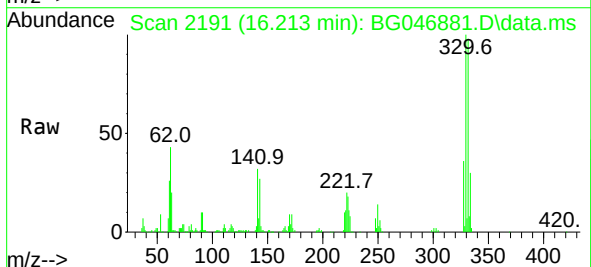
Instrument :
BNA_G
ClientSampleId :
HD-1

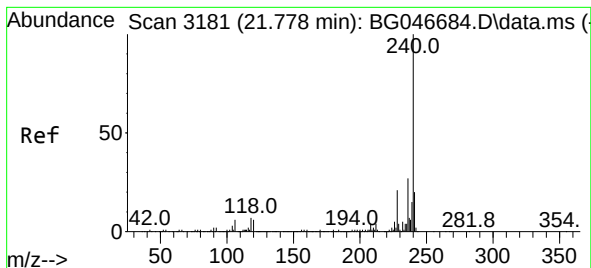
Tgt Ion:188 Resp: 438477
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.7 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:248 Resp: 13358
Ion Ratio Lower Upper
248 100
250 186.5 78.9 118.3#
141 353.8 46.2 69.4#

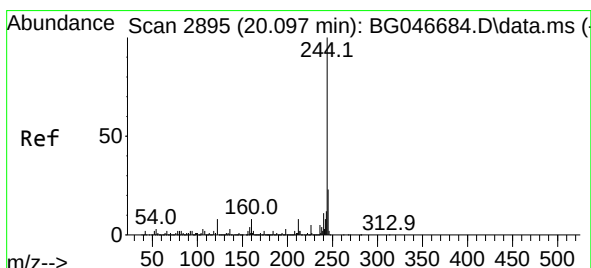
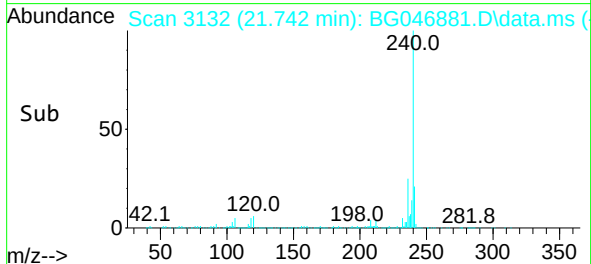
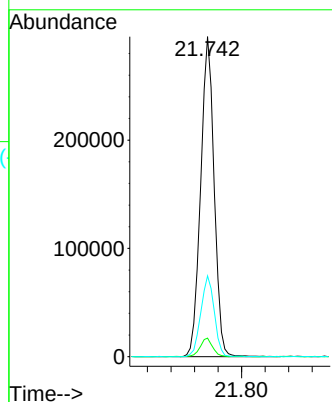
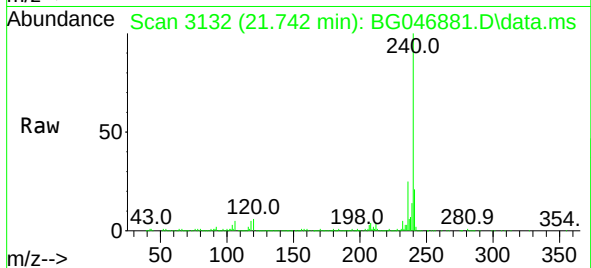




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

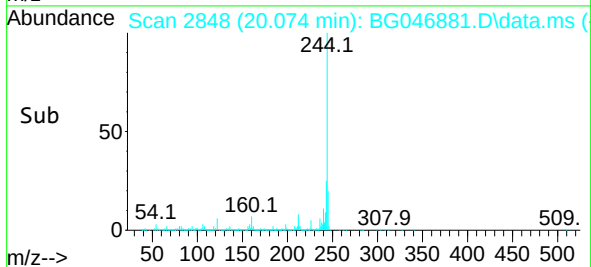
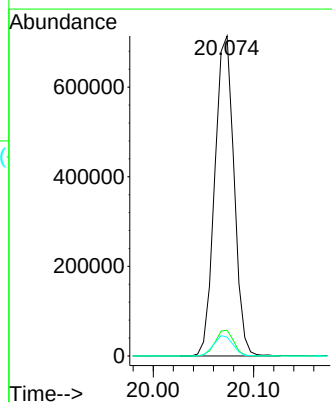
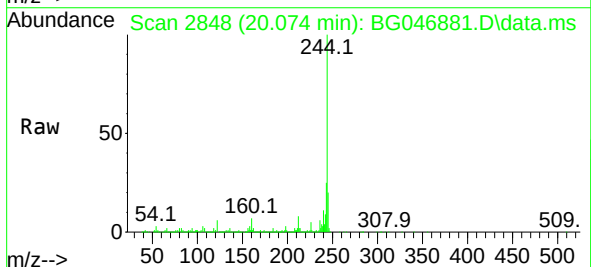
Instrument :
BNA_G
ClientSampleId :
HD-1

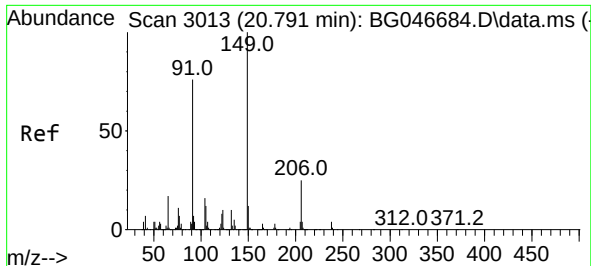
Tgt Ion:240 Resp: 470693
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 40.45 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:244 Resp: 950077
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 5.9 7.8 11.6#

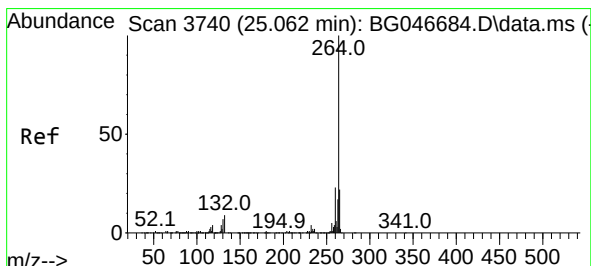
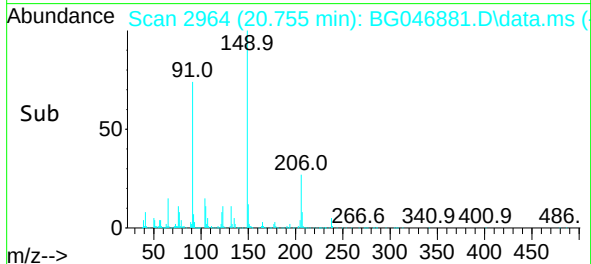
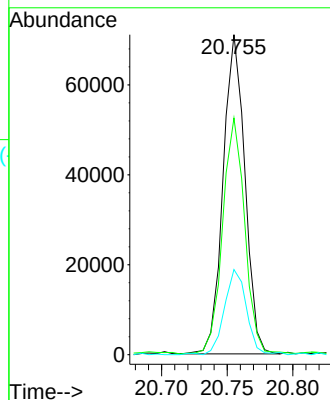
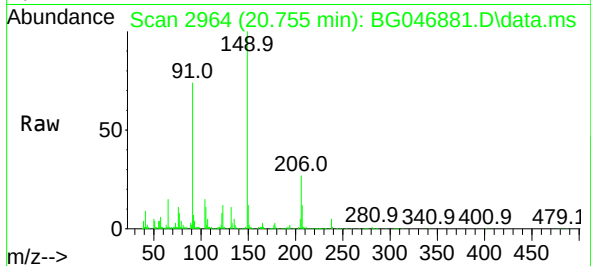




#80
Butylbenzylphthalate
Concen: 6.99 ng
RT: 20.755 min Scan# 2964
Delta R.T. -0.014 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Instrument :
BNA_G
ClientSampled :
HD-1

Tgt Ion:	149	Resp:	81782
Ion Ratio	Lower	Upper	
149	100		
91	74.0	51.5	77.3
206	26.6	21.2	31.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.020 min
Lab File: BG046881.D
Acq: 13 Oct 2020 19:45

Tgt Ion:	264	Resp:	468452
Ion Ratio	Lower	Upper	
264	100		
260	25.3	18.8	28.2
265	22.6	17.8	26.8

