

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046821.D
 Acq On : 8 Oct 2020 18:49
 Operator : CG/JU
 Sample : SP5294
 Misc : 8270 SURROGATE SOLUTION 100ng BN/15ng ACID
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5294

Quant Time: Oct 09 01:11:38 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)

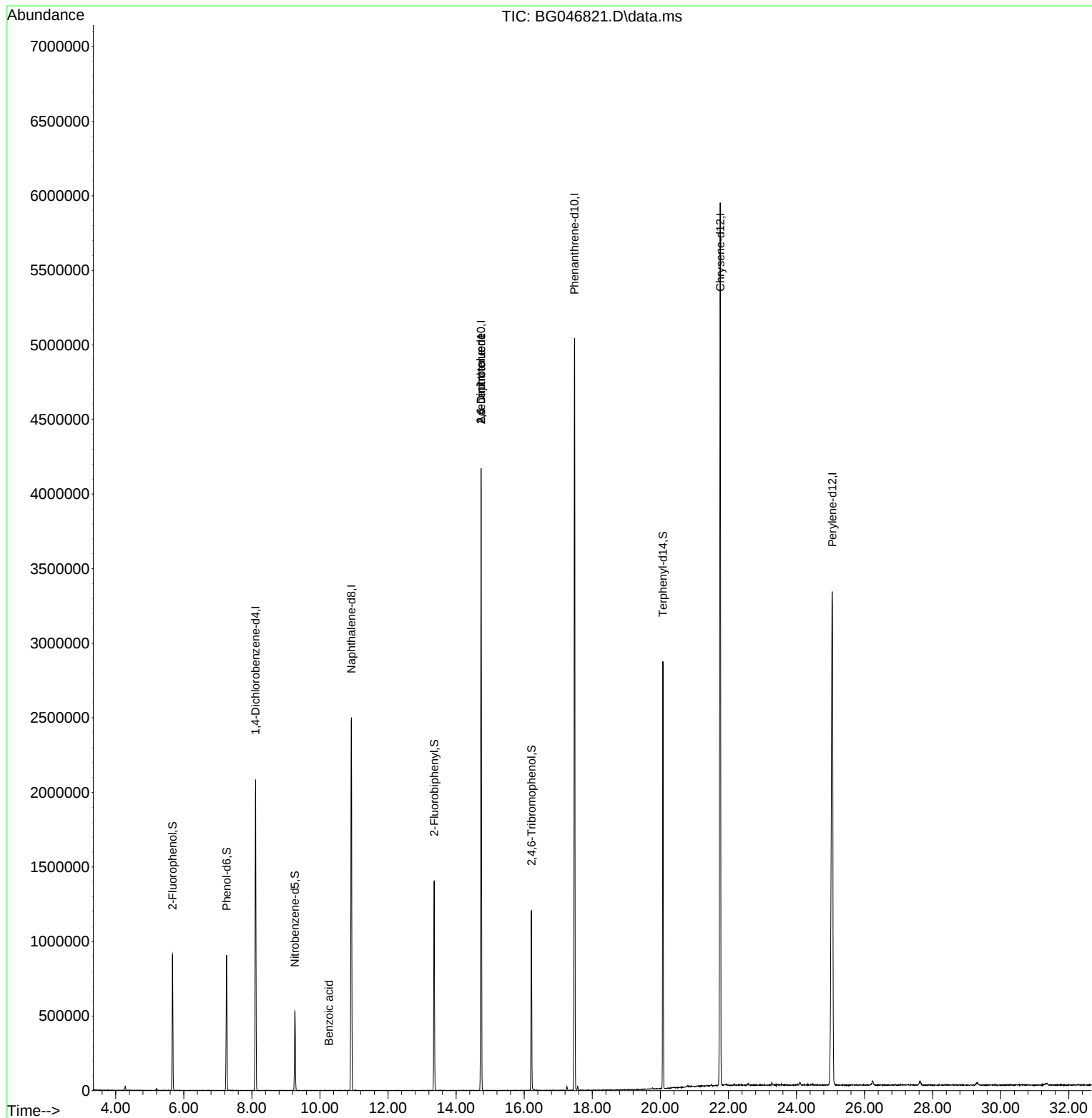
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	570386	20.00	ng	# 0.00
21) Naphthalene-d8	10.925	136	2067771	20.00	ng	# 0.00
39) Acenaphthene-d10	14.732	164	1480047	20.00	ng	0.00
64) Phenanthrene-d10	17.476	188	3145185	20.00	ng	0.00
76) Chrysene-d12	21.760	240	3659775	20.00	ng	# 0.00
86) Perylene-d12	25.050	264	4150807	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	372241	10.45	ng	0.00
7) Phenol-d6	7.259	99	480571	9.57	ng	0.00
23) Nitrobenzene-d5	9.262	82	317863	8.18	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	238160	12.20	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	738400	7.06	ng	0.00
79) Terphenyl-d14	20.073	244	1303429	7.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.253	77	568	Below Cal	#	1
32) Benzoic acid	10.261	122	127	6.35	ng	# 31
51) 2,6-Dinitrotoluene	14.732	165	204840	10.66	ng	# 34
57) 2,4-Dinitrotoluene	14.732	165	204840	8.05	ng	# 32

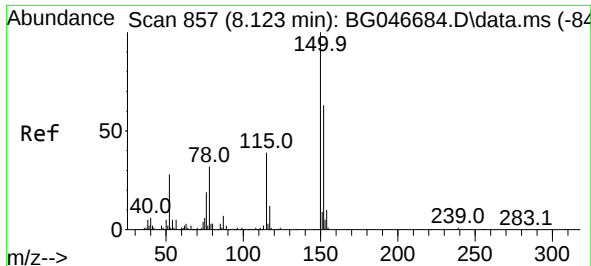
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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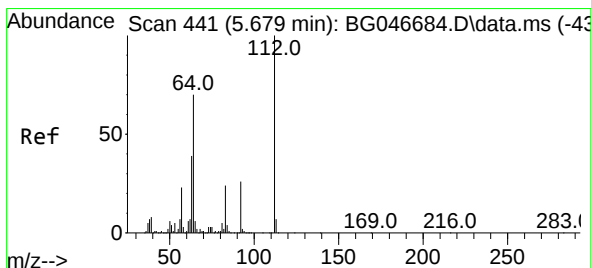
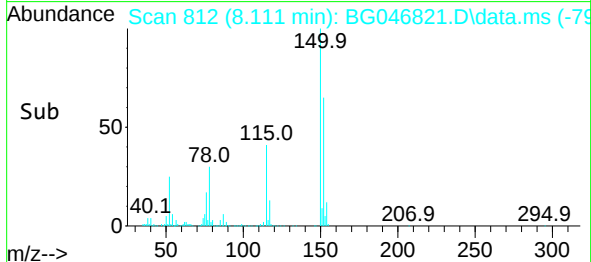
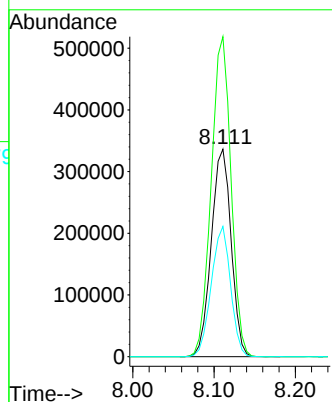
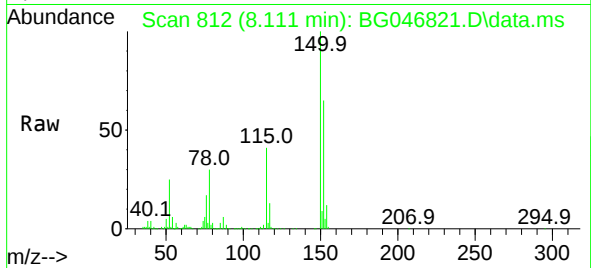




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 812
Delta R.T. 0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

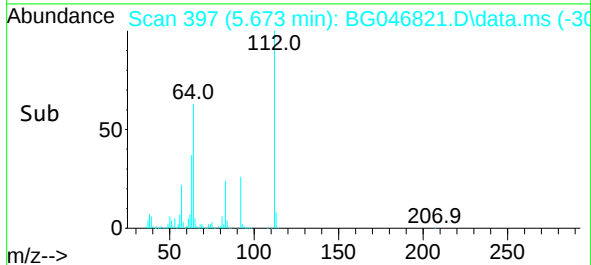
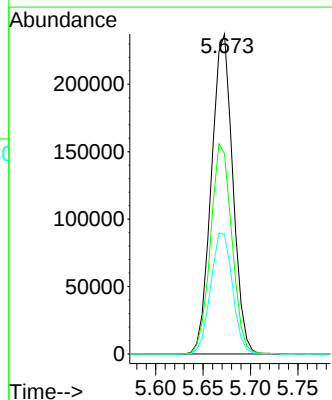
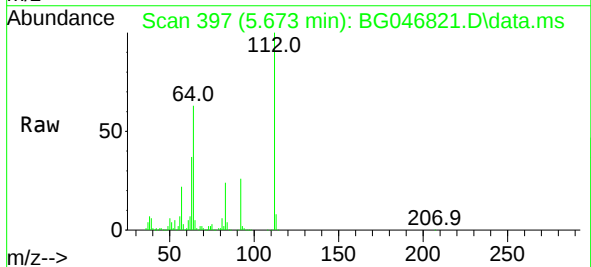
Instrument :
BNA_G
ClientSampleId :
SP5294

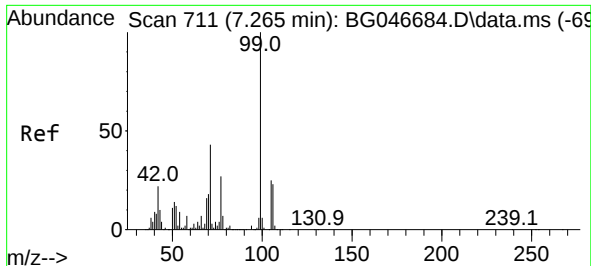
Tgt Ion:152 Resp: 570386
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.6
115 62.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 10.45 ng
RT: 5.673 min Scan# 397
Delta R.T. 0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Tgt Ion:112 Resp: 372241
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 37.3 22.8 34.2#

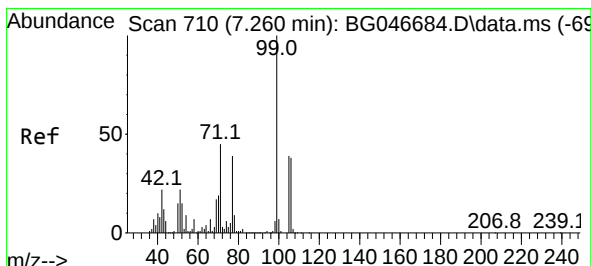
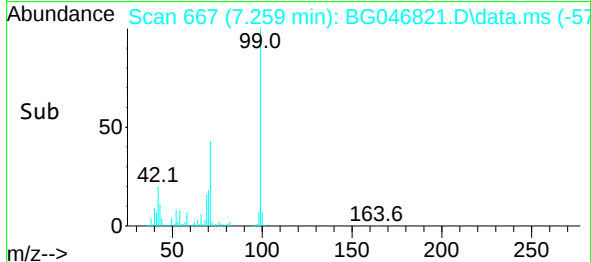
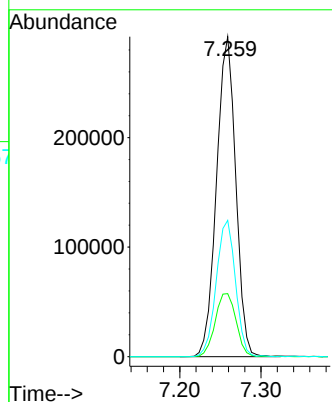
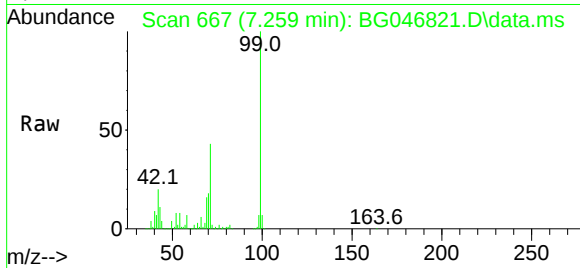




#7
Phenol-d6
Concen: 9.57 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

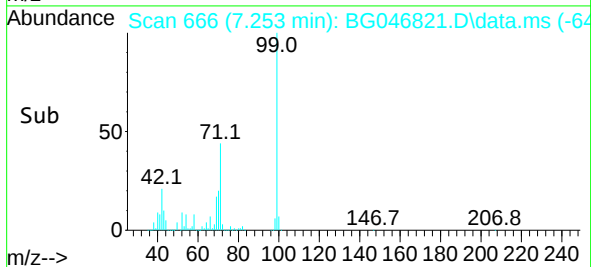
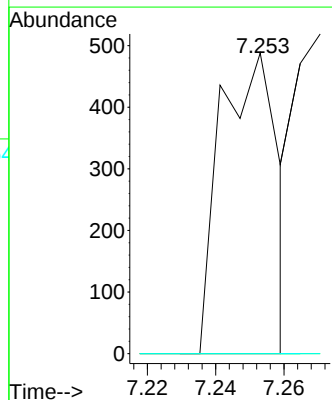
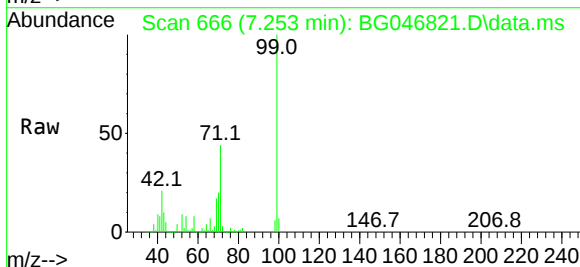
Instrument :
BNA_G
ClientSampleId :
SP5294

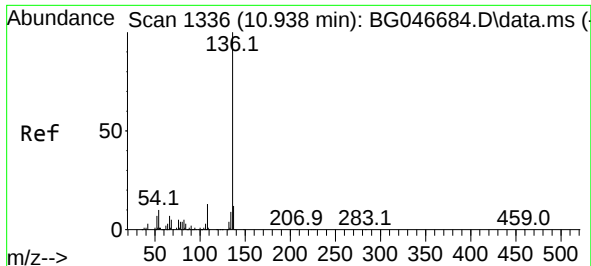
Tgt Ion: 99 Resp: 480571
Ion Ratio Lower Upper
99 100
42 19.7 12.8 19.2#
71 42.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.253 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Tgt Ion: 77 Resp: 568
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



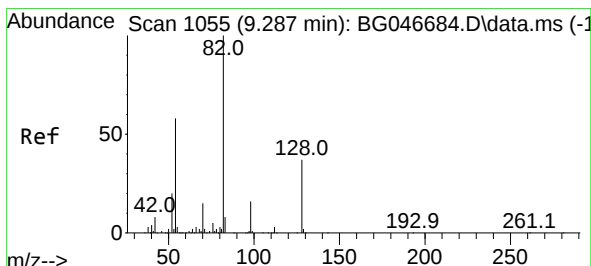
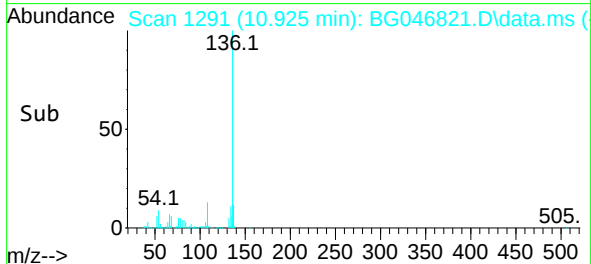
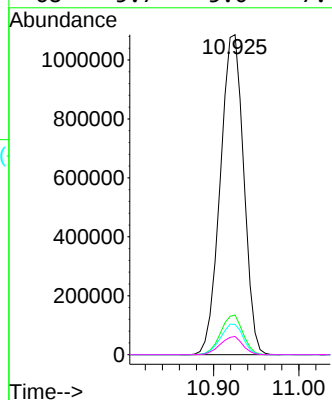
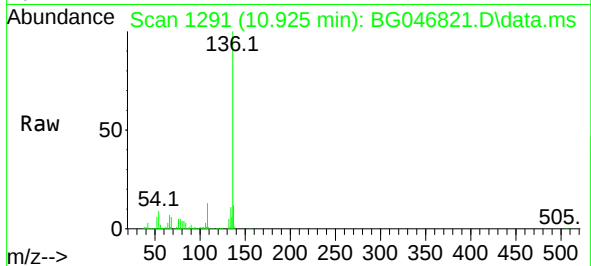


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. 0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Instrument :
BNA_G
ClientSampleId :
SP5294

Tgt Ion:136 Resp: 2067771

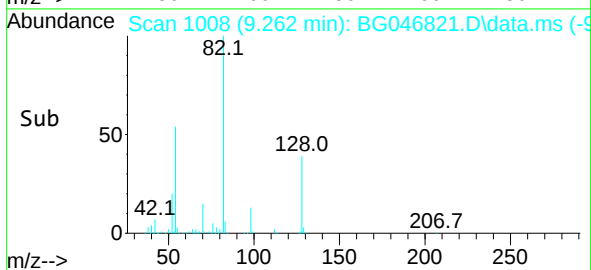
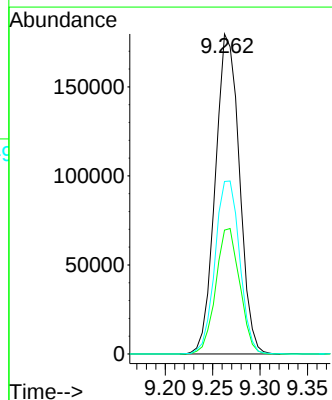
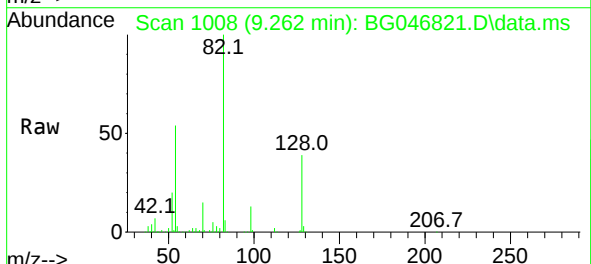
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	9.5	6.2	9.4#
68	5.7	5.0	7.4

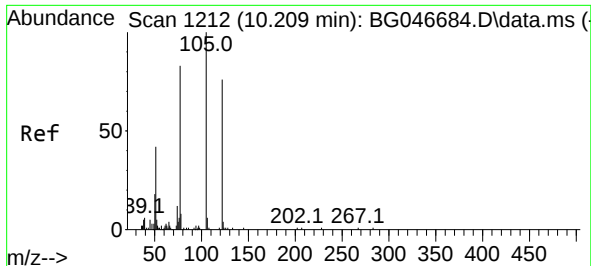


#23
Nitrobenzene-d5
Concen: 8.18 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Tgt Ion: 82 Resp: 317863

Ion	Ratio	Lower	Upper
82	100		
128	38.7	37.0	55.6
54	53.9	39.0	58.4

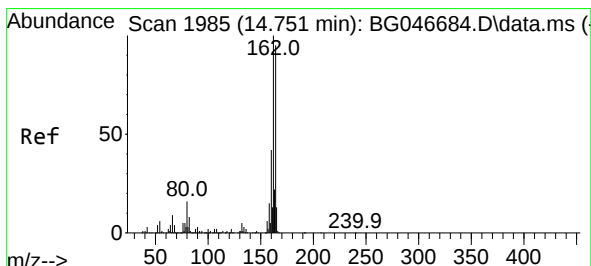
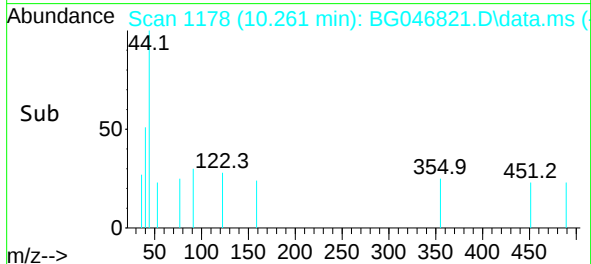
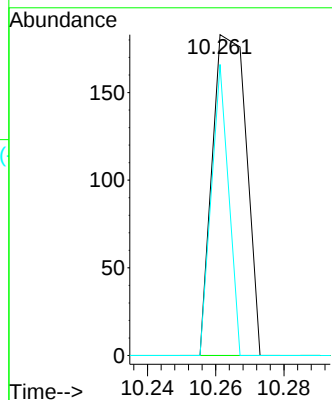
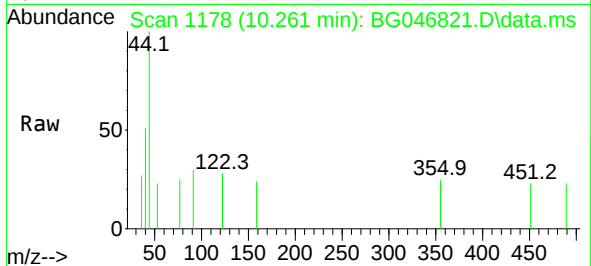




#32
Benzoic acid
Concen: 6.35 ng
RT: 10.261 min Scan# 1178
Delta R.T. 0.068 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

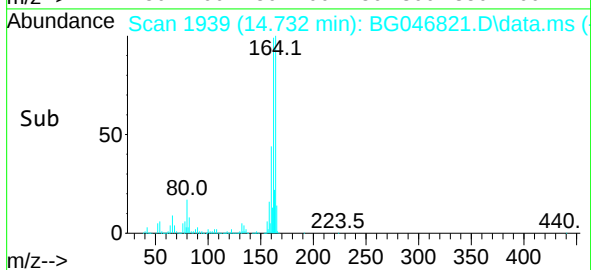
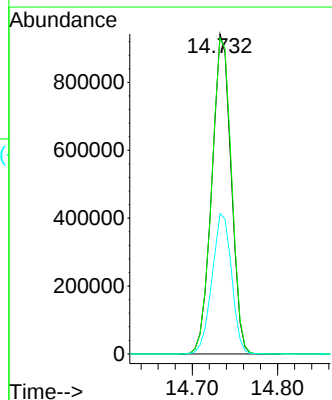
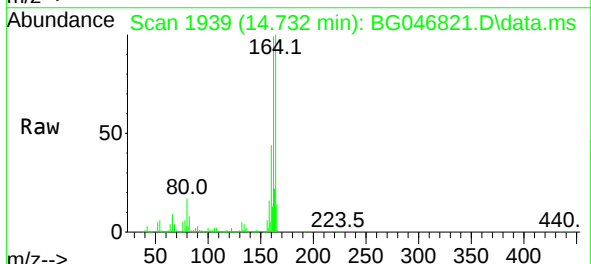
Instrument :
BNA_G
ClientSampleId :
SP5294

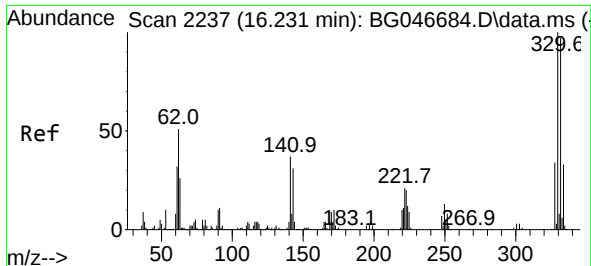
Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 90.7 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

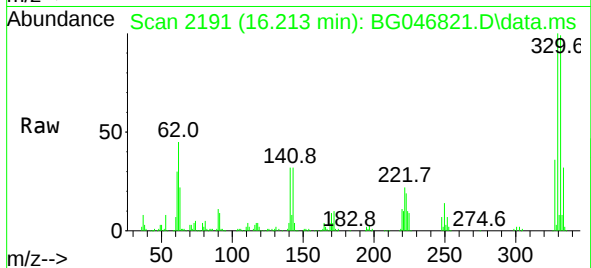
Tgt Ion:164 Resp: 1480047
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 43.9 35.3 52.9



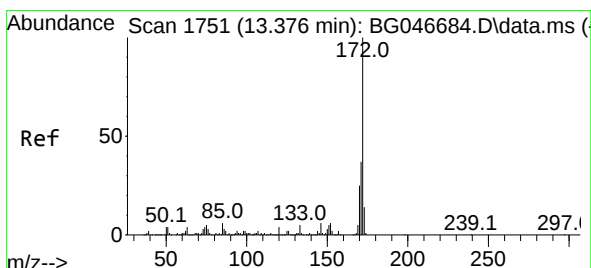
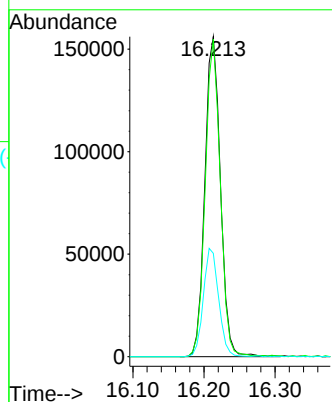
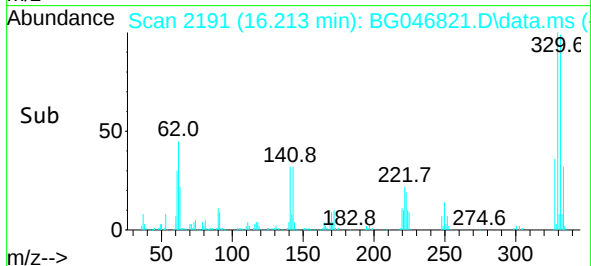


#42
2,4,6-Tribromophenol
Concen: 12.20 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

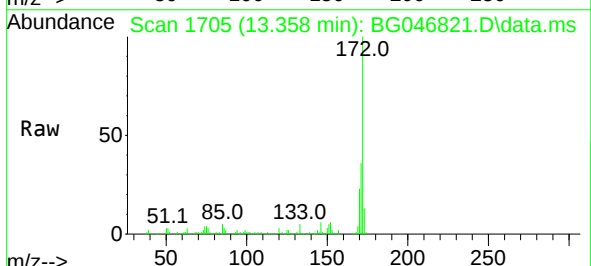
Instrument :
BNA_G
ClientSampleId :
SP5294



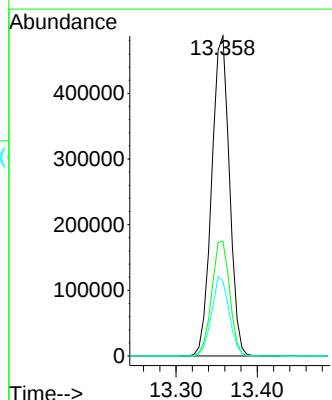
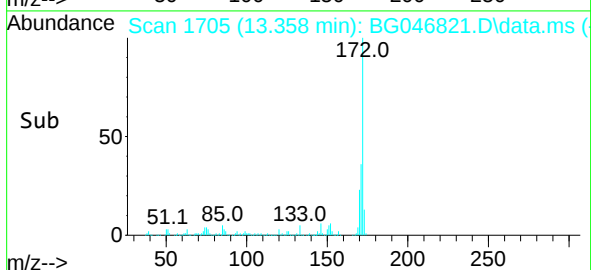
Tgt Ion:330 Resp: 238160
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 33.3 26.0 39.0

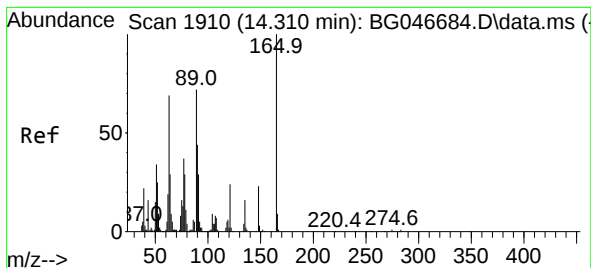


#45
2-Fluorobiphenyl
Concen: 7.06 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49



Tgt Ion:172 Resp: 738400
Ion Ratio Lower Upper
172 100
171 35.9 31.3 46.9
170 23.4 20.8 31.2

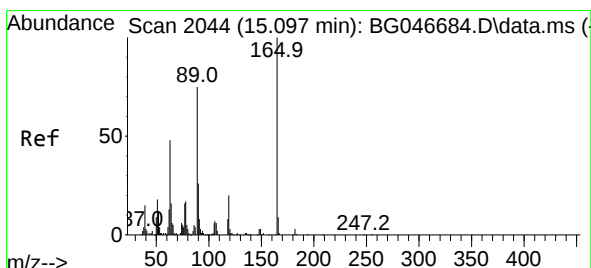
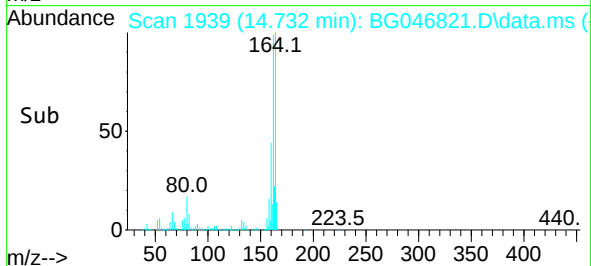
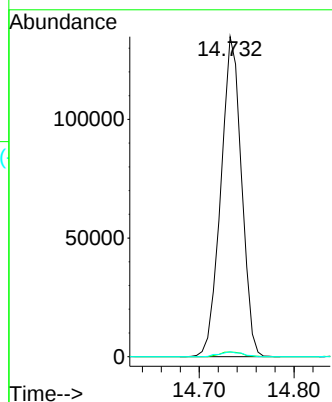
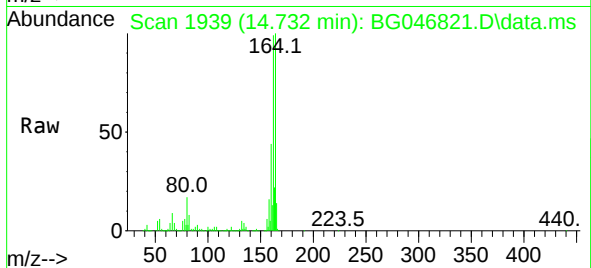




#51
2,6-Dinitrotoluene
Concen: 10.66 ng
RT: 14.732 min Scan# 1939
Delta R.T. 0.432 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

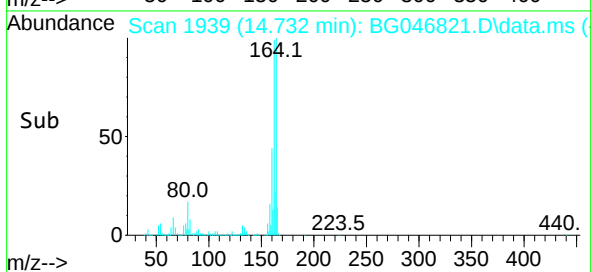
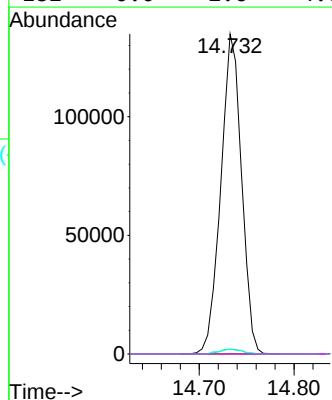
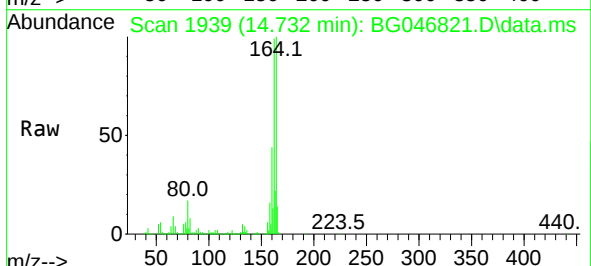
Instrument :
BNA_G
ClientSampled :
SP5294

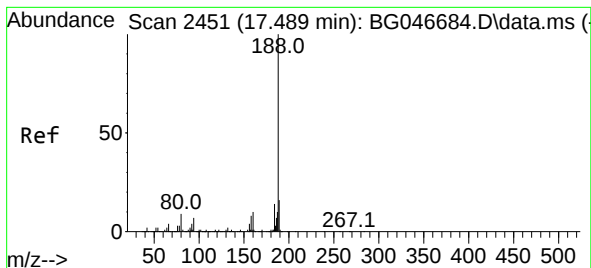
Tgt Ion:165 Resp: 204840
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 1.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 8.05 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.350 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Tgt Ion:165 Resp: 204840
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#

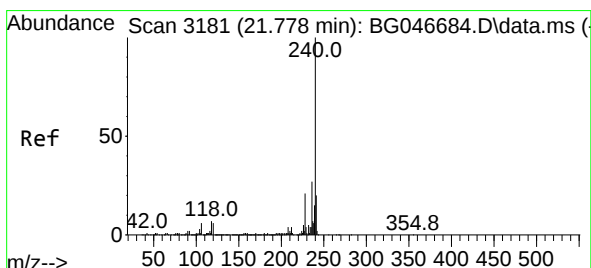
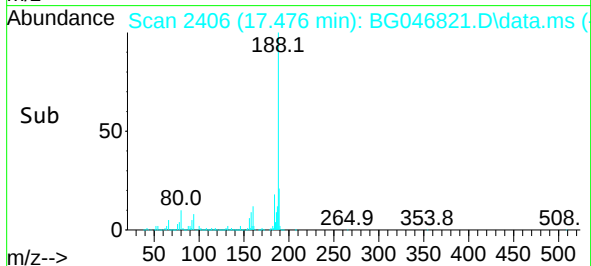
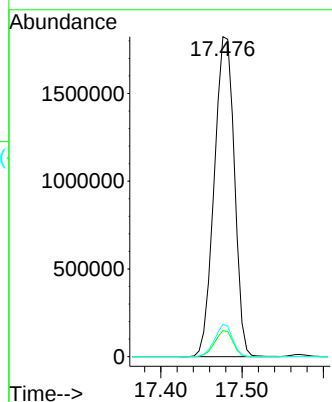
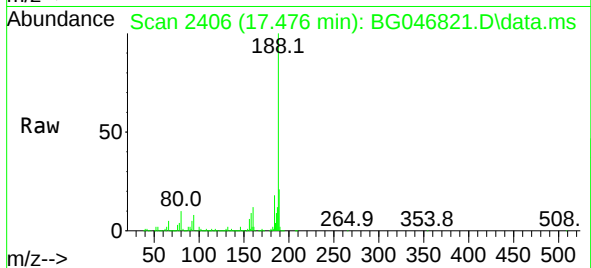




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.476 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

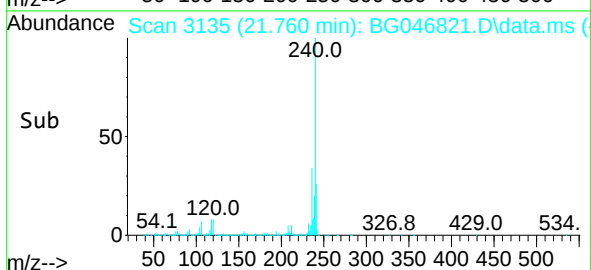
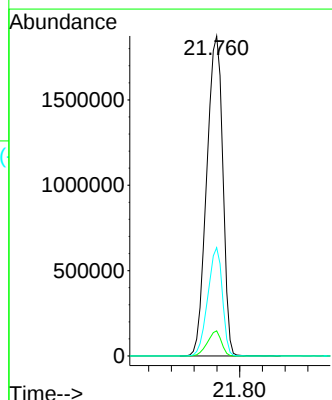
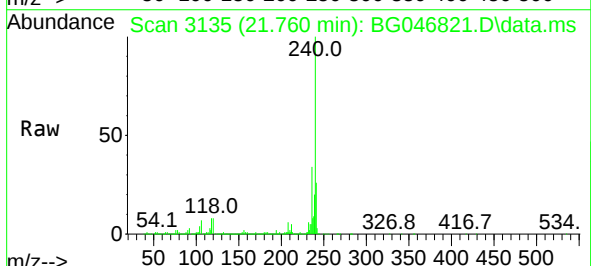
Instrument :
BNA_G
ClientSampleId :
SP5294

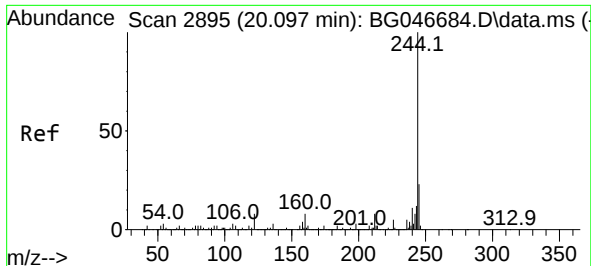
Tgt Ion:188 Resp: 3145185
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 10.1 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.760 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG046821.D
Acq: 8 Oct 2020 18:49

Tgt Ion:240 Resp: 3659775
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 33.8 20.5 30.7#

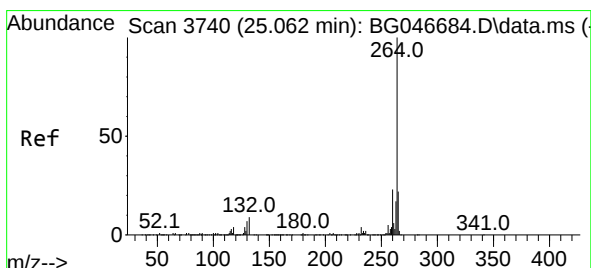
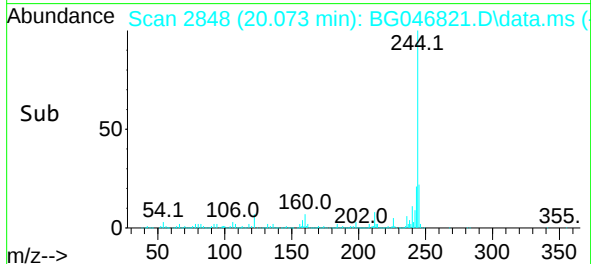
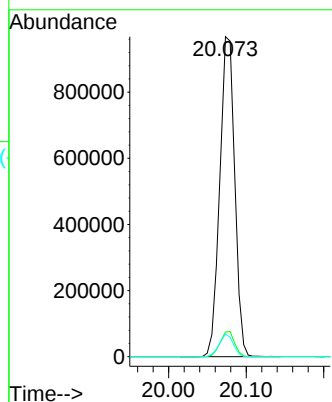
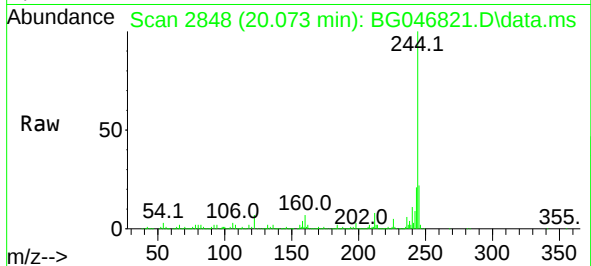




#79
 Terphenyl-d14
 Concen: 7.14 ng
 RT: 20.073 min Scan# 2848
 Delta R.T. -0.009 min
 Lab File: BG046821.D
 Acq: 8 Oct 2020 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SP5294

Tgt Ion:244 Resp: 1303429
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 7.1 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.050 min Scan# 3695
 Delta R.T. 0.021 min
 Lab File: BG046821.D
 Acq: 8 Oct 2020 18:49

Tgt Ion:264 Resp: 4150807
 Ion Ratio Lower Upper
 264 100
 260 27.2 18.8 28.2
 265 24.8 17.8 26.8

