

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046805.D
 Acq On : 7 Oct 2020 17:03
 Operator : CG/JU
 Sample : L4200-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB-2020-WW-000-01

Quant Time: Oct 07 17:44:48 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)

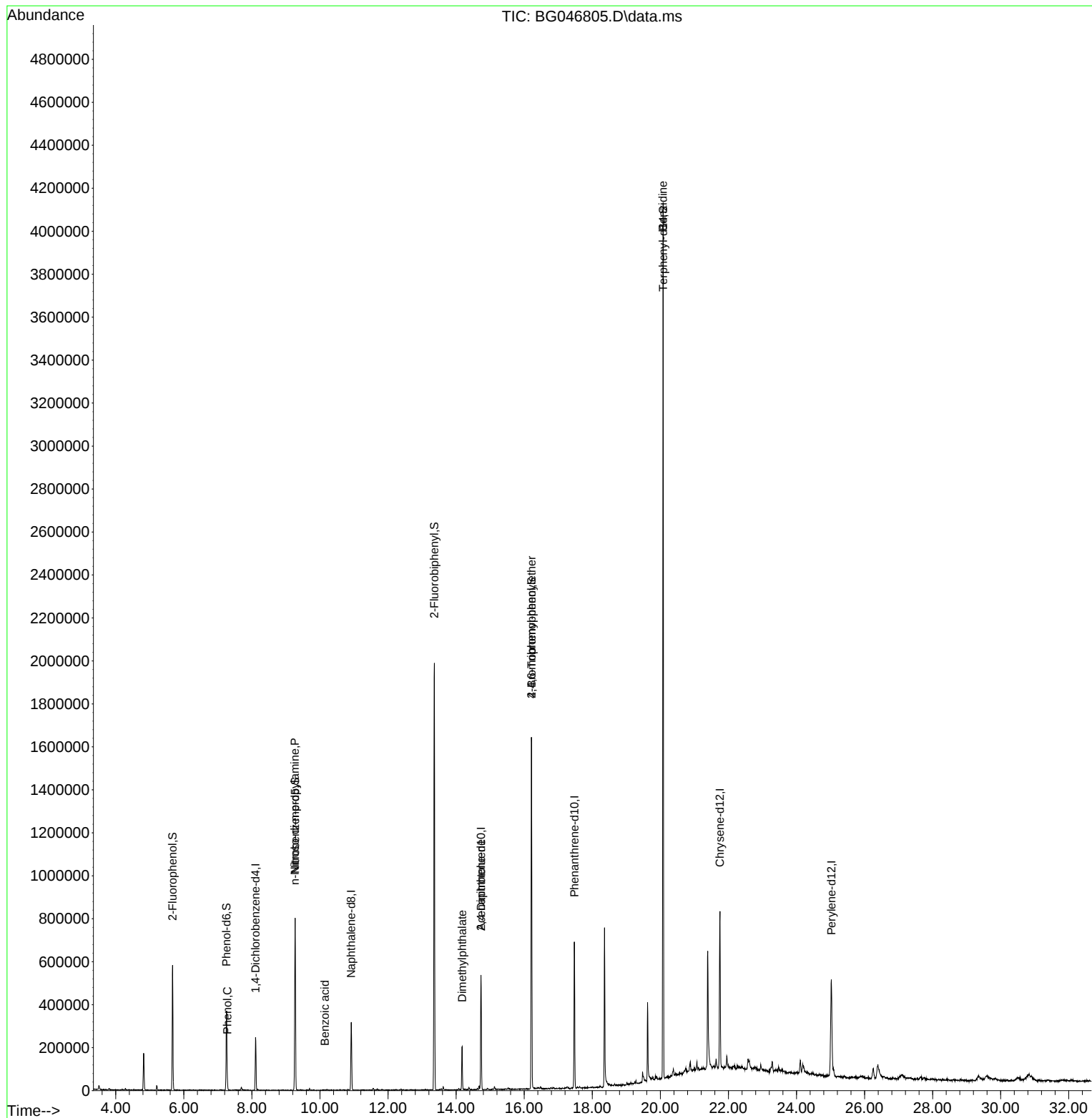
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	68483	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	261906	20.00	ng	0.00
39) Acenaphthene-d10	14.730	164	187295	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	434745	20.00	ng	0.00
76) Chrysene-d12	21.752	240	476351	20.00	ng	# 0.00
86) Perylene-d12	25.024	264	484467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	234349	54.82	ng	0.00
7) Phenol-d6	7.257	99	199489	33.08	ng	0.00
23) Nitrobenzene-d5	9.272	82	468860	95.24	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	329597	133.46	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	1056241	79.84	ng	0.00
79) Terphenyl-d14	20.083	244	1751988	73.71	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.263	77	611	Below Cal	#	1
10) Phenol	7.280	94	12852	2.14	ng	79
19) n-Nitroso-di-n-propyla...	9.266	70	69071	16.70	ng	# 74
32) Benzoic acid	10.148	122	70	6.37	ng	# 1
50) Dimethylphthalate	14.178	163	130472	8.72	ng	99
57) 2,4-Dinitrotoluene	14.730	165	24301	7.55	ng	# 33
67) 4-Bromophenyl-phenylether	16.217	248	21423	3.90	ng	# 1
77) Benzidine	20.077	184	32633	2.22	ng	97

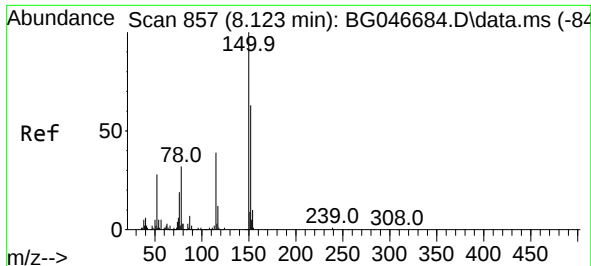
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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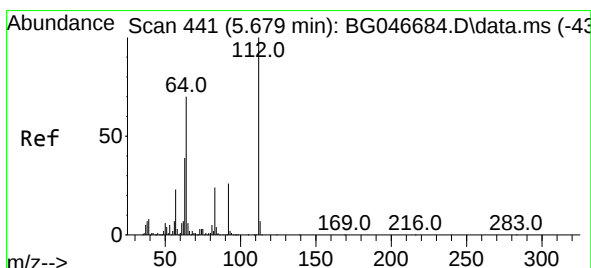
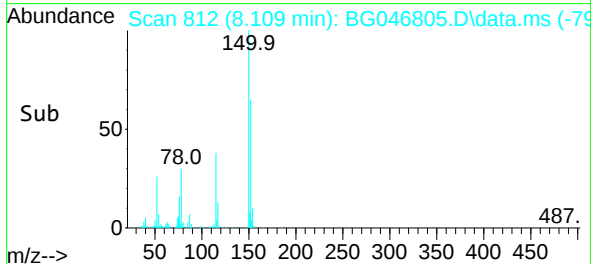
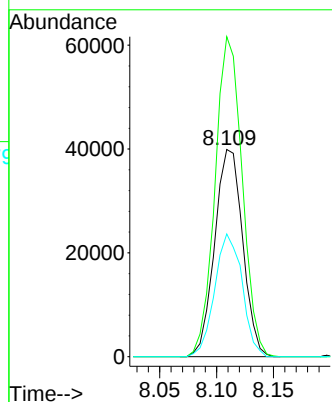
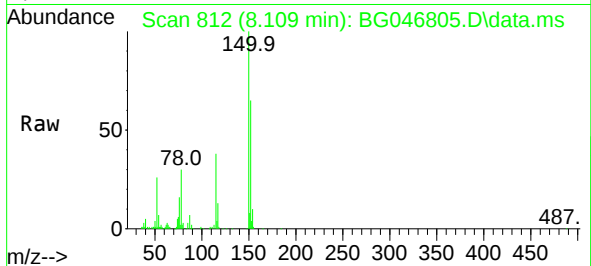




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

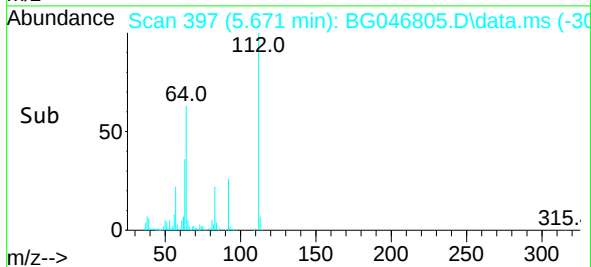
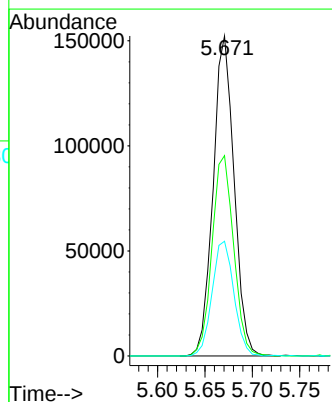
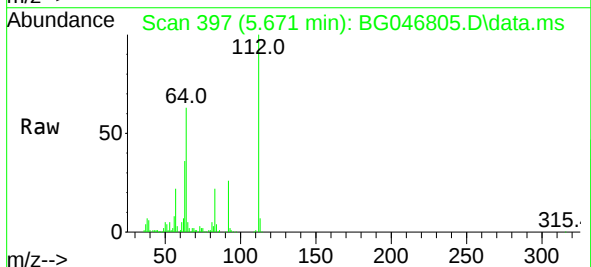
Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

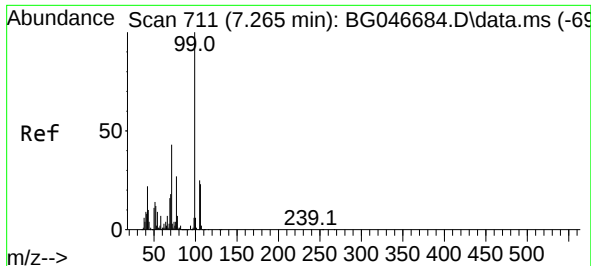
Tgt Ion:152 Resp: 68483
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.6
115 59.2 41.8 62.6



#5
2-Fluorophenol
Concen: 54.82 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion:112 Resp: 234349
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 35.8 22.8 34.2#

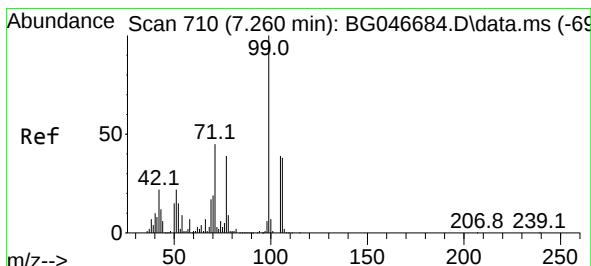
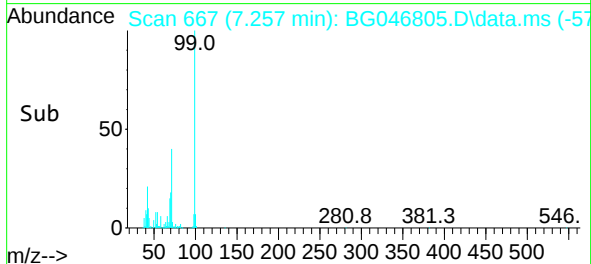
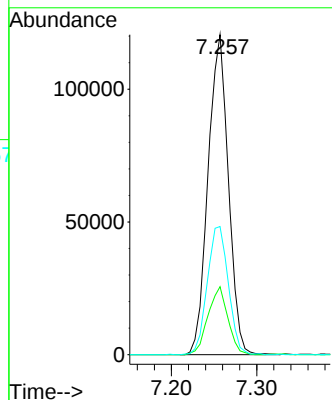
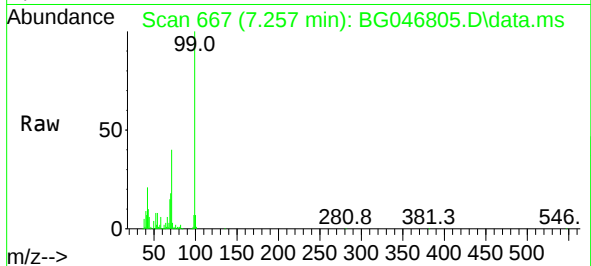




#7
Phenol-d6
Concen: 33.08 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

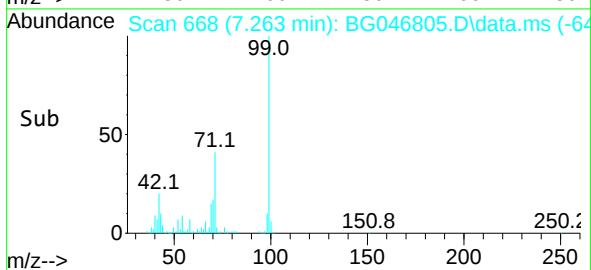
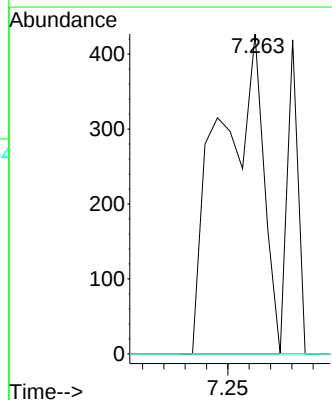
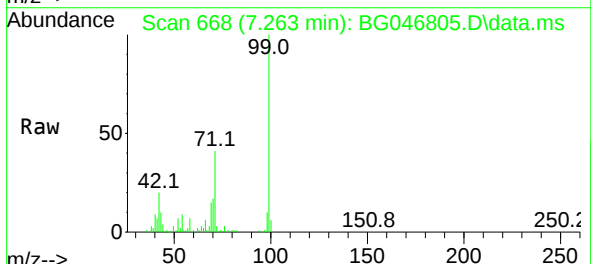
Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

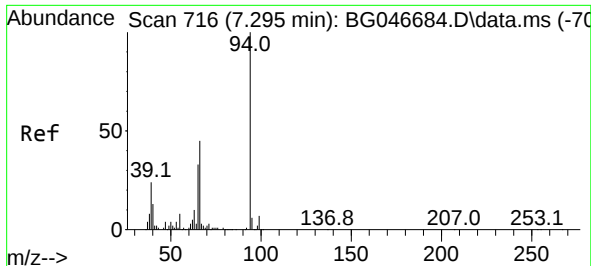
Tgt Ion: 99 Resp: 199489
Ion Ratio Lower Upper
99 100
42 21.3 12.8 19.2#
71 40.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.263 min Scan# 668
Delta R.T. 0.019 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion: 77 Resp: 611
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

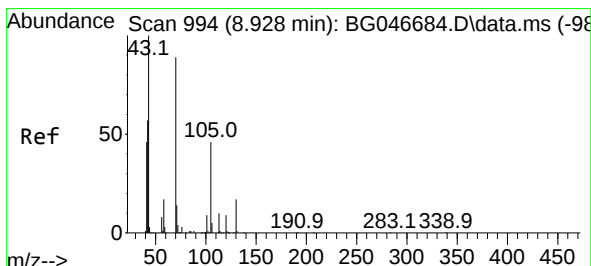
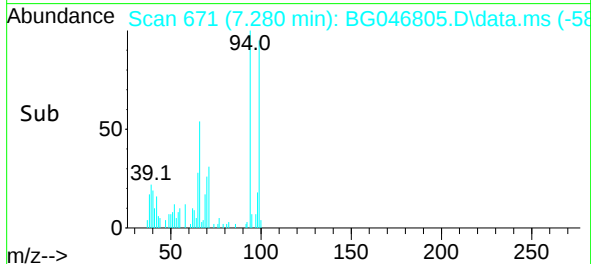
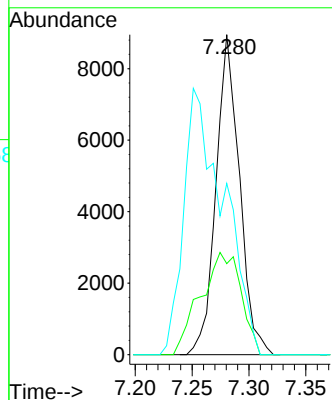
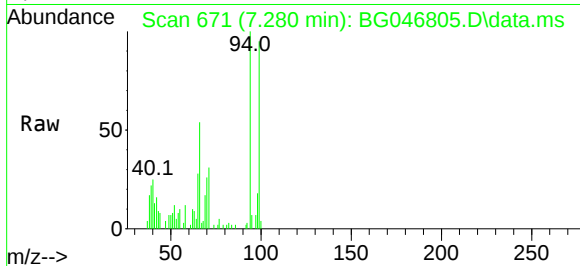




#10
Phenol
Concen: 2.14 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

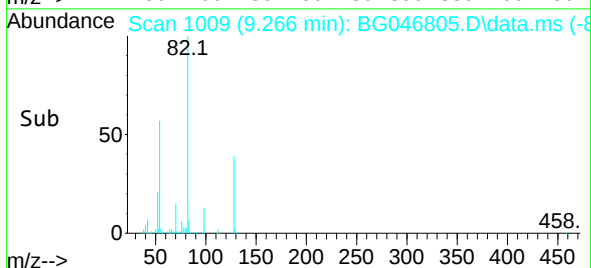
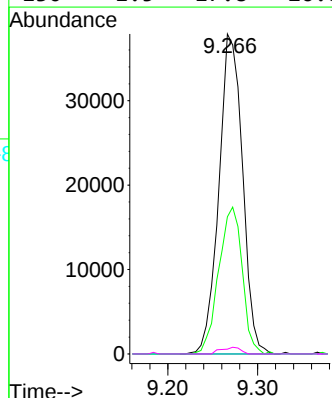
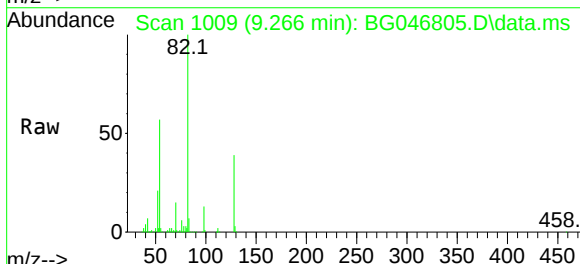
Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

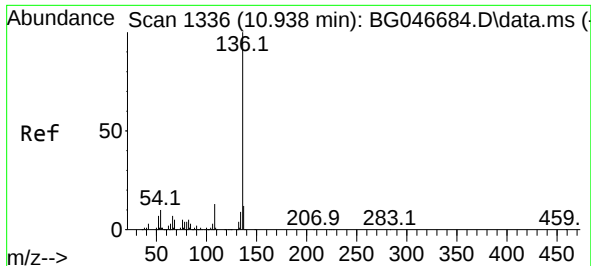
Tgt Ion:	94	Resp:	12852
Ion Ratio	Lower	Upper	
94	100		
65	28.4	6.6	46.6
66	53.5	13.9	53.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion:	70	Resp:	69071
Ion Ratio	Lower	Upper	
70	100		
42	42.9	45.6	68.4#
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#



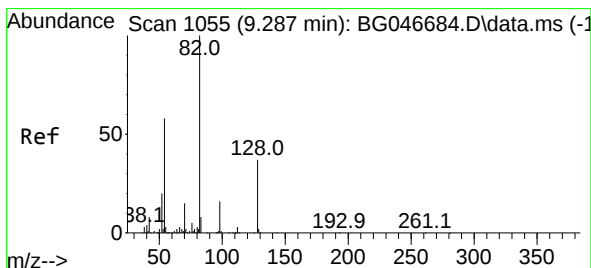
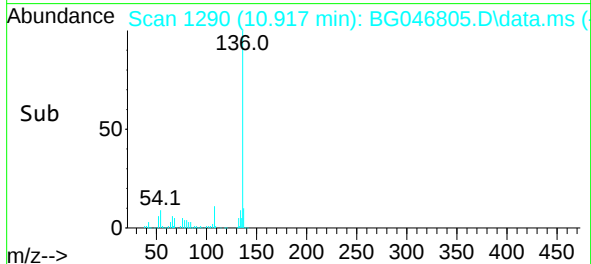
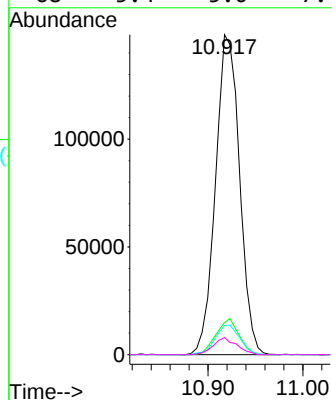
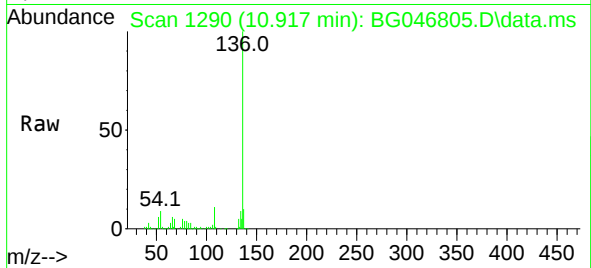


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

Tgt Ion:136 Resp: 261906

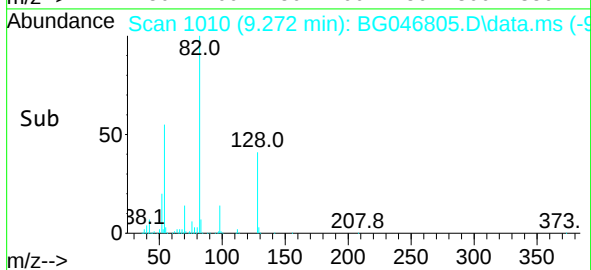
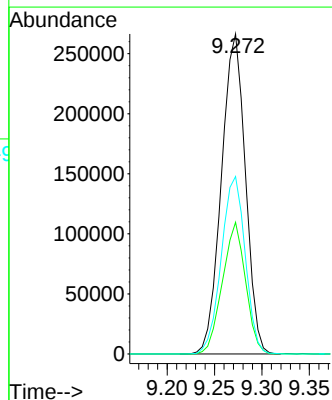
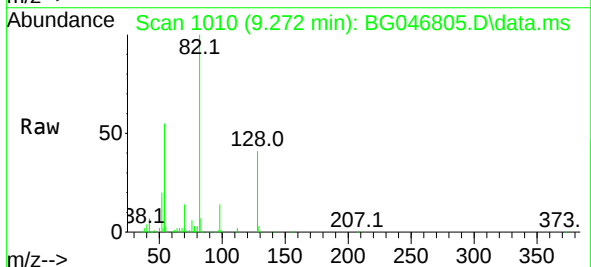
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.1	13.7
54	9.2	6.2	9.4
68	5.4	5.0	7.4

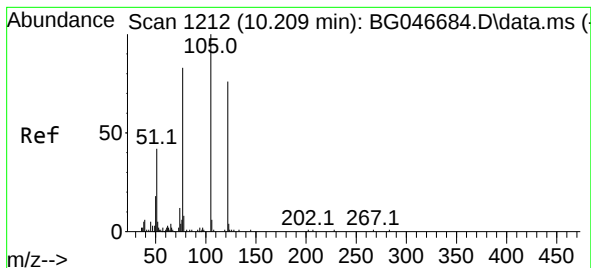


#23
Nitrobenzene-d5
Concen: 95.24 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion: 82 Resp: 468860

Ion	Ratio	Lower	Upper
82	100		
128	41.2	37.0	55.6
54	55.4	39.0	58.4

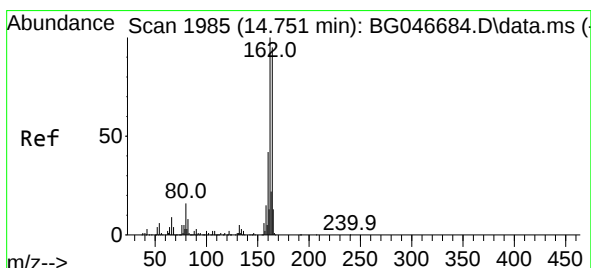
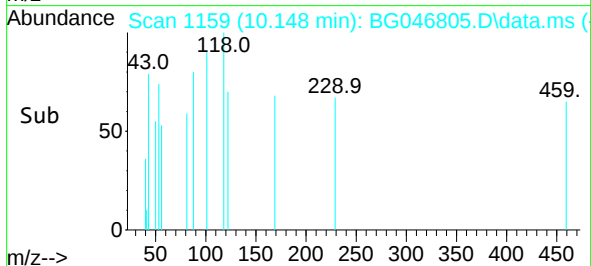
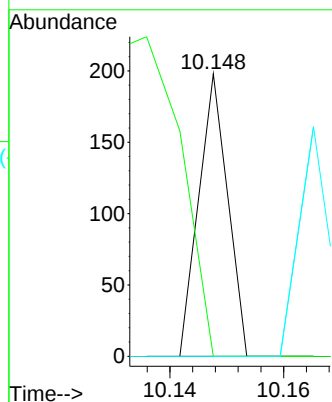
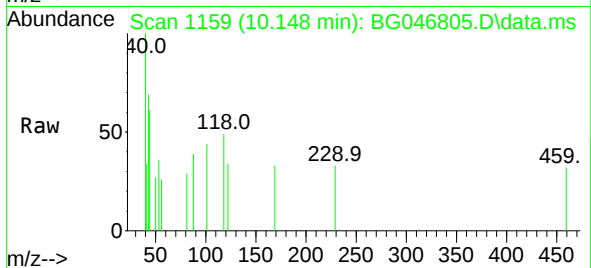




#32
Benzoic acid
Concen: 6.37 ng
RT: 10.148 min Scan# 1159
Delta R.T. -0.046 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

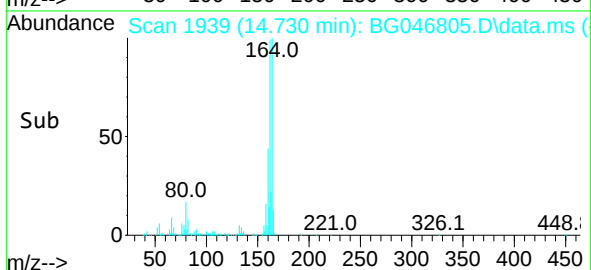
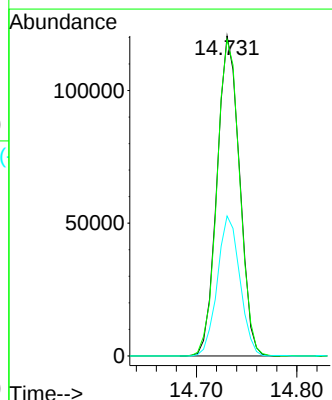
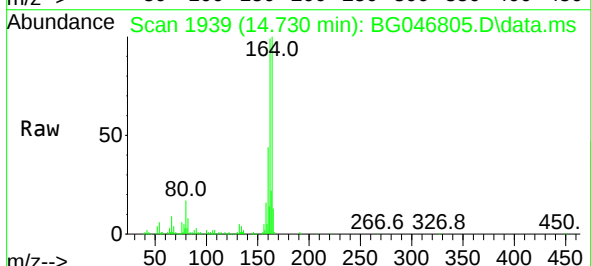
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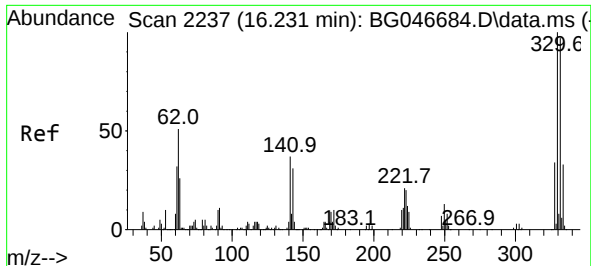
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

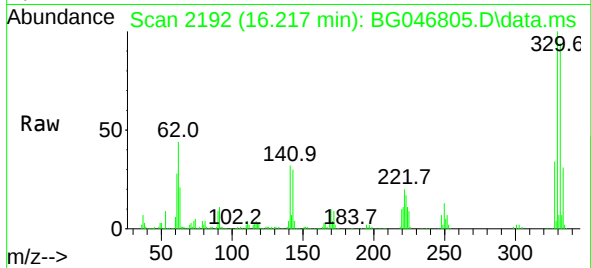
Tgt Ion:164 Resp: 187295
Ion Ratio Lower Upper
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162 98.8 82.3 123.5
160 43.7 35.3 52.9



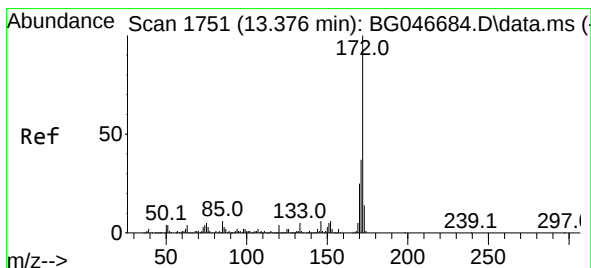
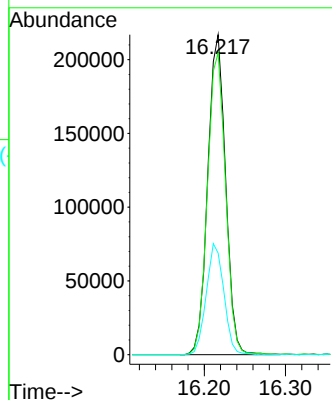
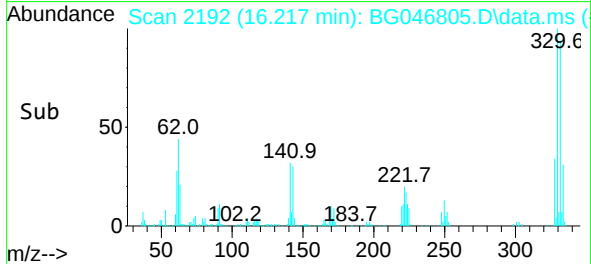


#42
2,4,6-Tribromophenol
Concen: 133.46 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

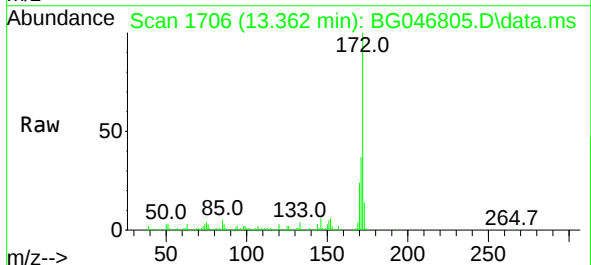
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PB-2020-WW-000-01



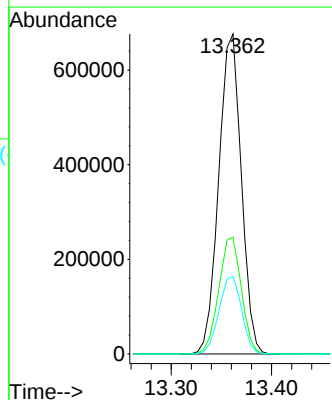
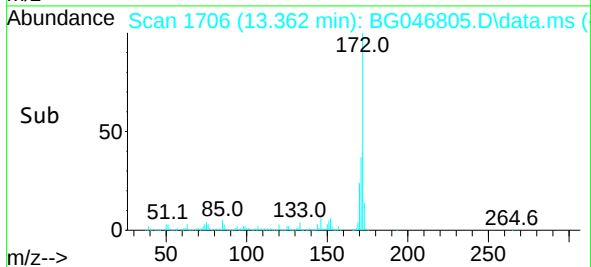
Tgt Ion:330 Resp: 329597
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 34.4 26.0 39.0

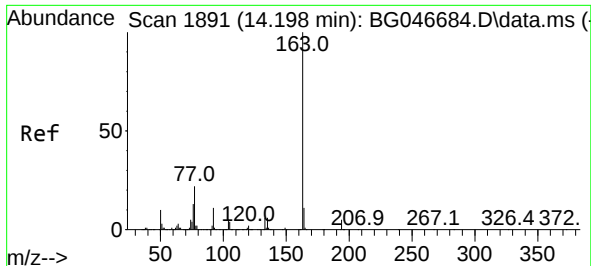


#45
2-Fluorobiphenyl
Concen: 79.84 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03



Tgt Ion:172 Resp: 1056241
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 24.2 20.8 31.2

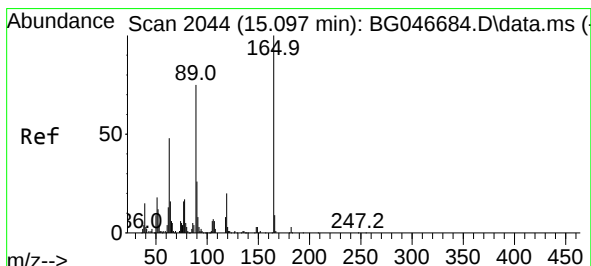
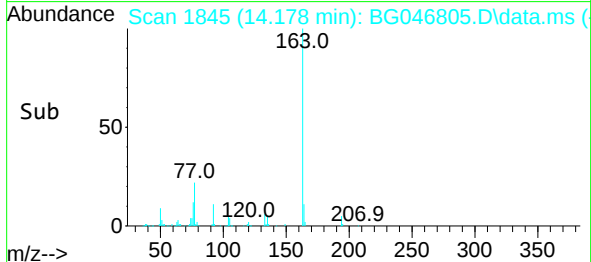
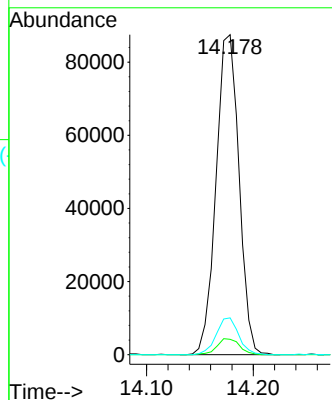
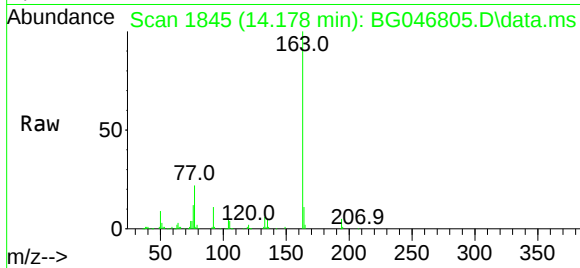




#50
Dimethylphthalate
Concen: 8.72 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

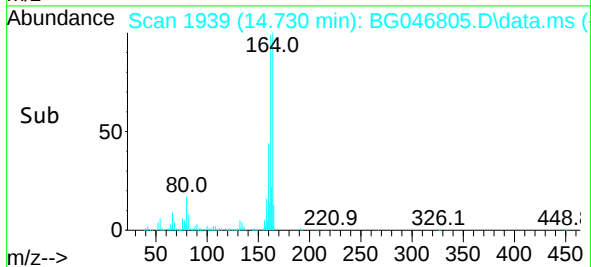
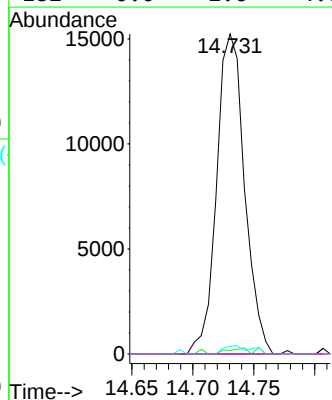
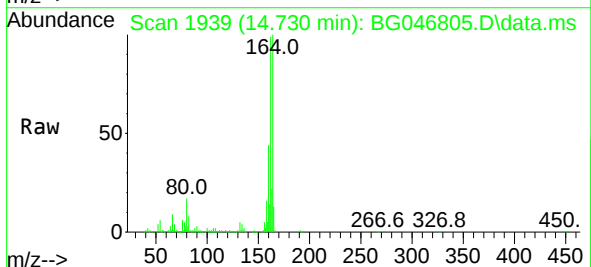
Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

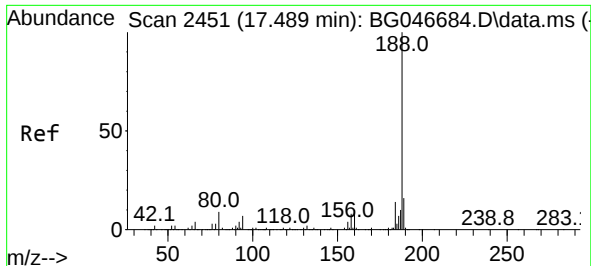
Tgt Ion:163 Resp: 130472
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 11.5 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 7.55 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

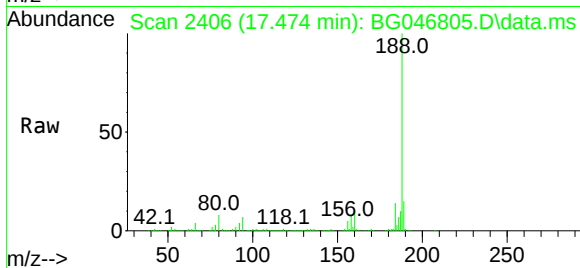
Tgt Ion:165 Resp: 24301
Ion Ratio Lower Upper
165 100
63 1.1 26.4 39.6#
89 2.5 47.8 71.8#
182 0.0 2.6 4.0#



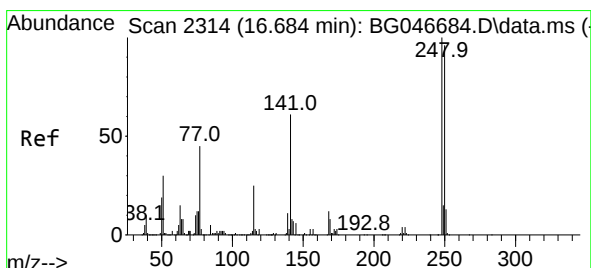
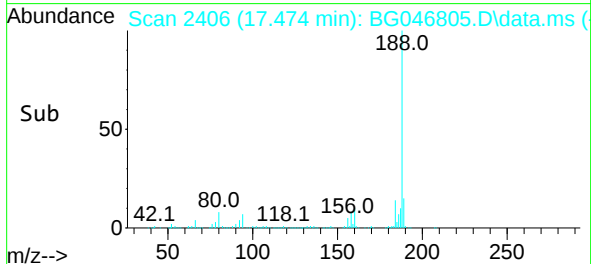
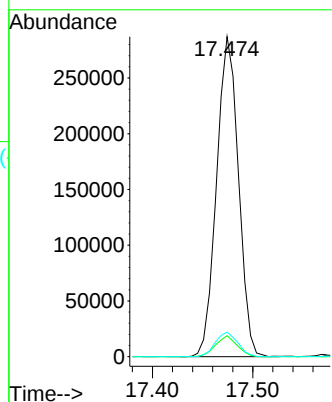


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

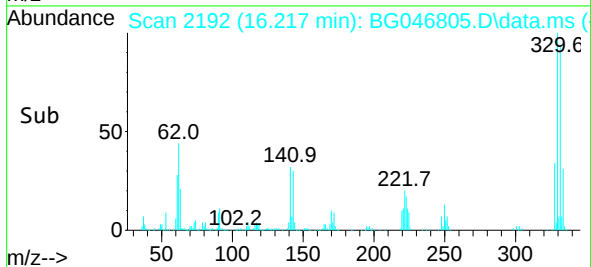
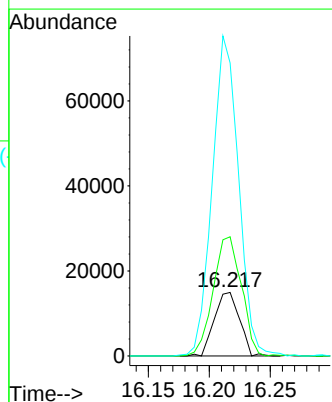
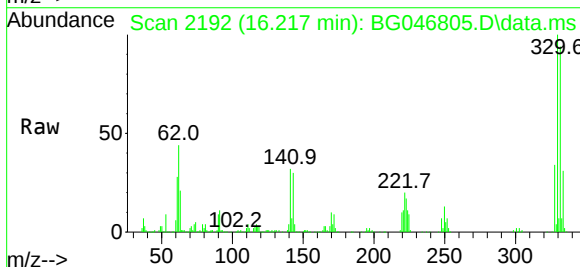


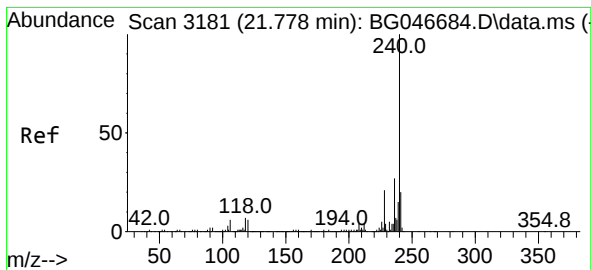
Tgt Ion:188 Resp: 434745
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.7 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion:248 Resp: 21423
Ion Ratio Lower Upper
248 100
250 199.5 78.9 118.3#
141 363.2 46.2 69.4#

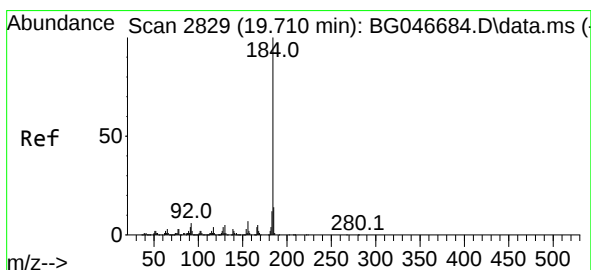
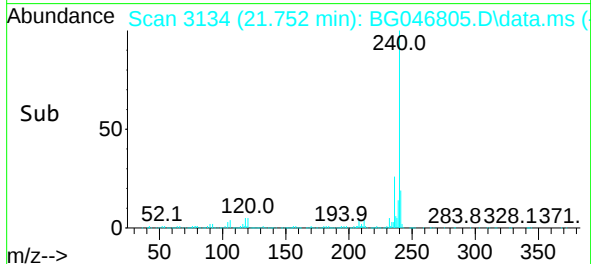
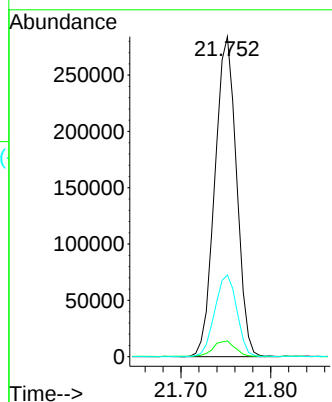
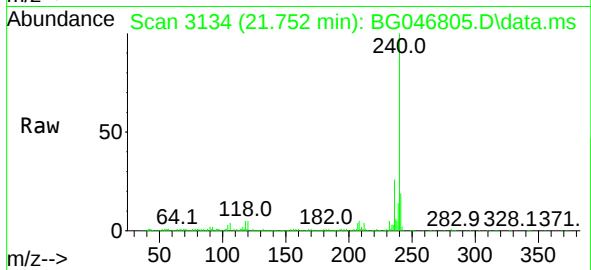




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

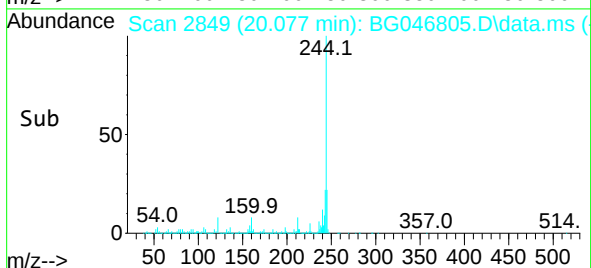
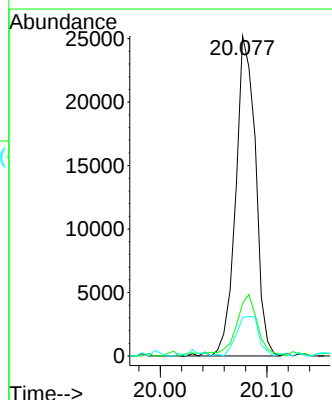
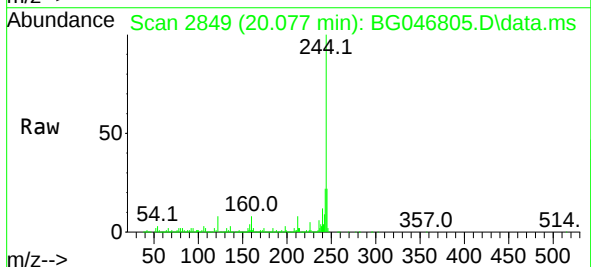
Instrument :
BNA_G
ClientSampleId :
PB-2020-WW-000-01

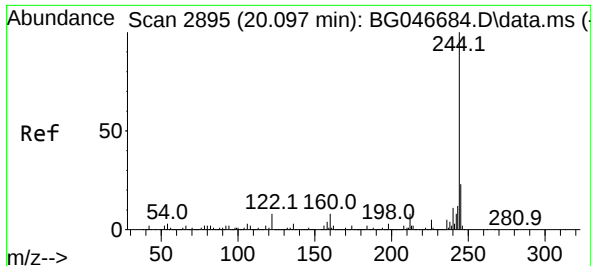
Tgt Ion:240 Resp: 476351
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.22 ng
RT: 20.077 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG046805.D
Acq: 7 Oct 2020 17:03

Tgt Ion:184 Resp: 32633
Ion Ratio Lower Upper
184 100
185 16.5 12.4 18.6
183 12.0 10.6 15.8

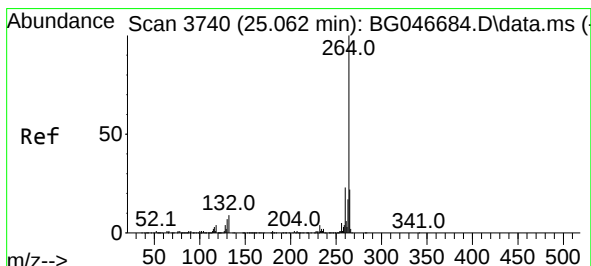
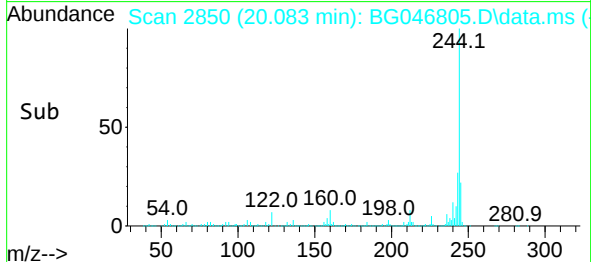
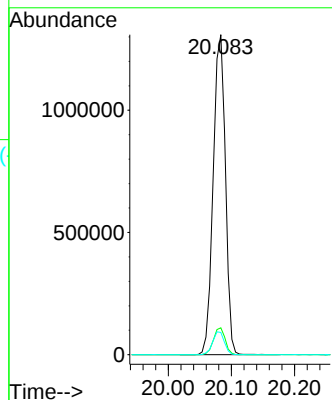
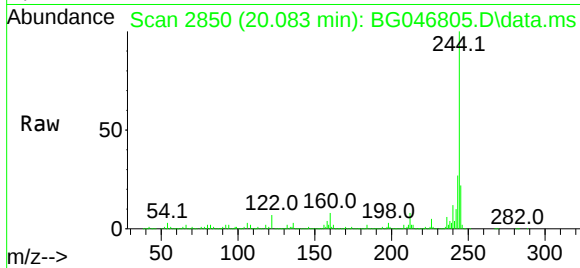




#79
 Terphenyl-d14
 Concen: 73.71 ng
 RT: 20.083 min Scan# 2850
 Delta R.T. 0.001 min
 Lab File: BG046805.D
 Acq: 7 Oct 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB-2020-WW-000-01

Tgt Ion:244 Resp: 1751988
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 7.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.024 min Scan# 3691
 Delta R.T. -0.005 min
 Lab File: BG046805.D
 Acq: 7 Oct 2020 17:03

Tgt Ion:264 Resp: 484467
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.9 17.8 26.8

