

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048344.D
 Acq On : 5 Mar 2021 19:06
 Operator : CG/JU
 Sample : M1568-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTHSIDE

Quant Time: Mar 06 01:01:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

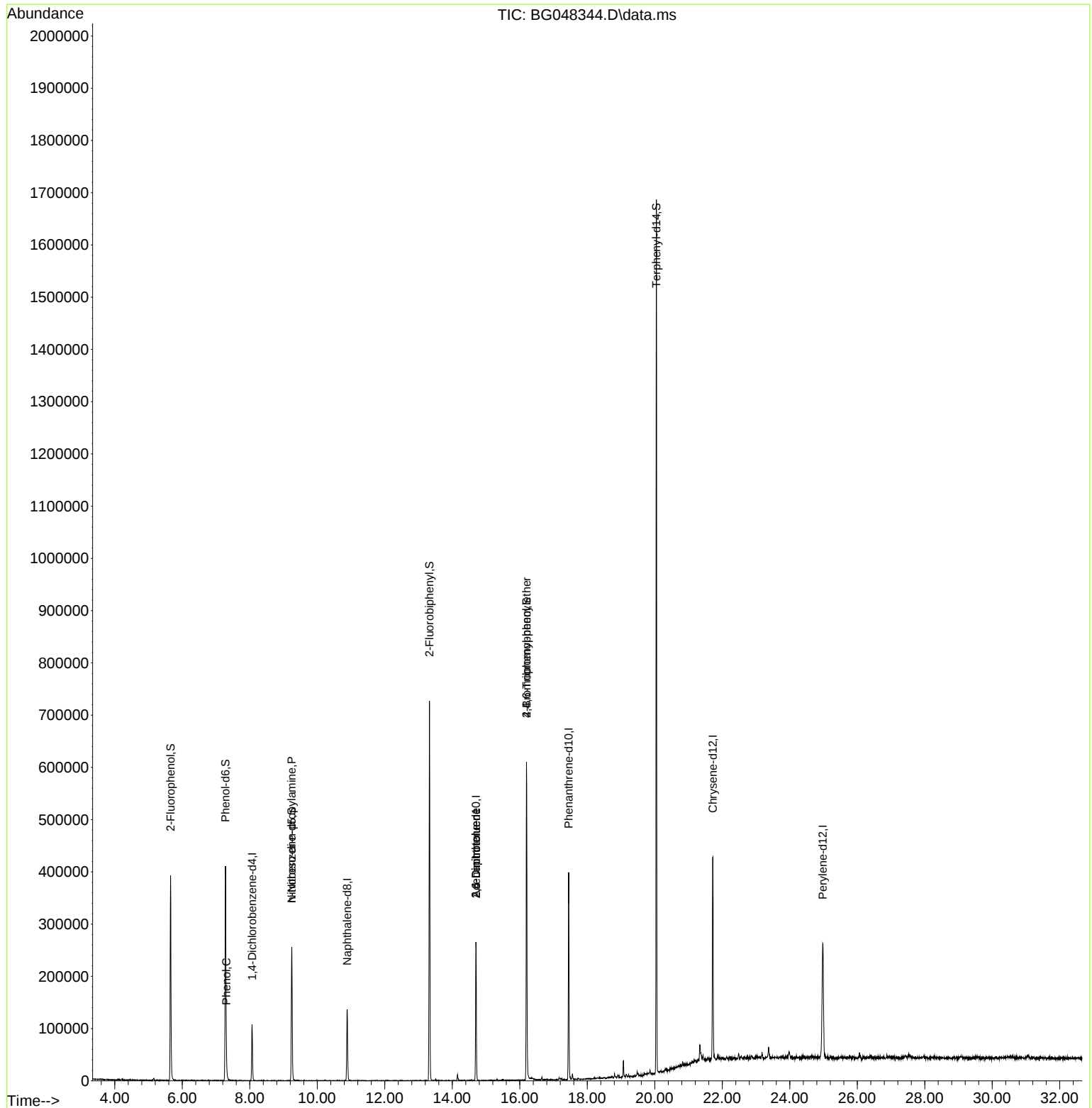
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	26618	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	113086	20.00	ng	# 0.00
39) Acenaphthene-d10	14.701	164	90888	20.00	ng	0.00
64) Phenanthrene-d10	17.451	188	236514	20.00	ng	# 0.00
76) Chrysene-d12	21.722	240	247574	20.00	ng	# 0.00
86) Perylene-d12	24.977	264	235349	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	145864	93.28	ng	0.00
7) Phenol-d6	7.280	99	211987	89.23	ng	0.00
23) Nitrobenzene-d5	9.243	82	162566	60.81	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	113482	78.06	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	368736	56.88	ng	0.00
79) Terphenyl-d14	20.047	244	752023	55.51	ng	0.00
Target Compounds						
10) Phenol	7.309	94	7681	3.20	ng	# 50
19) n-Nitroso-di-n-propyla...	9.243	70	25475	13.89	ng	# 81
51) 2,6-Dinitrotoluene	14.701	165	12000	7.03	ng	# 37
57) 2,4-Dinitrotoluene	14.701	165	12000	4.86	ng	# 35
67) 4-Bromophenyl-phenylether	16.199	248	7891	2.60	ng	# 1

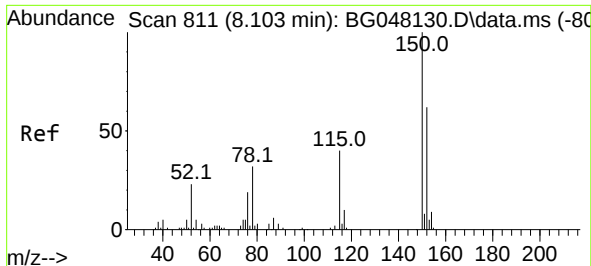
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

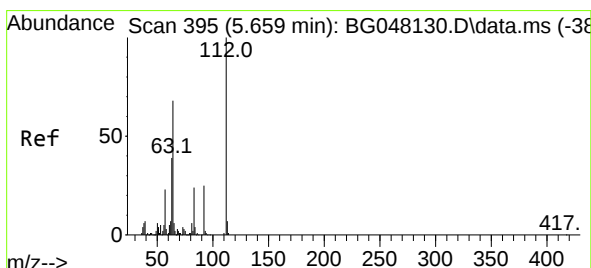
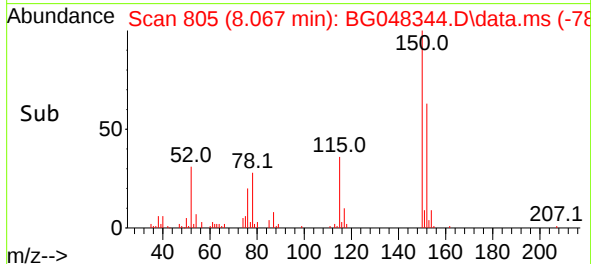
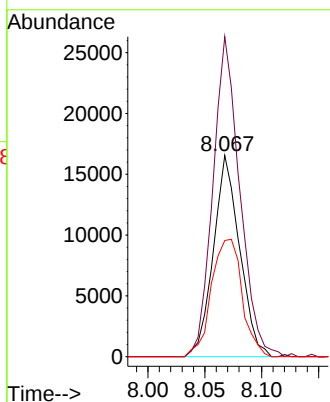
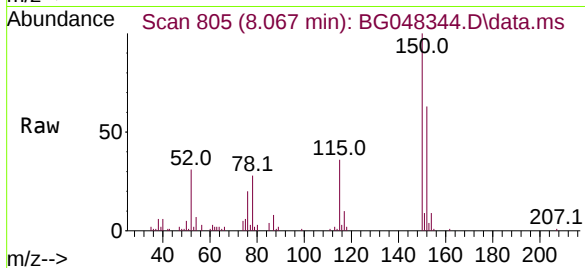




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.067 min Scan# 805
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

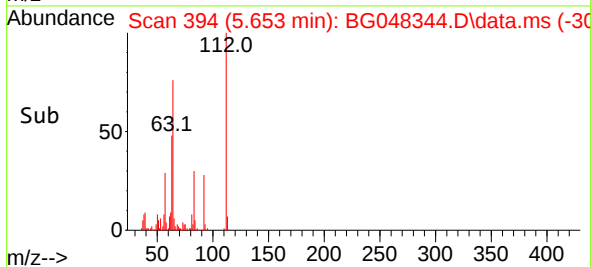
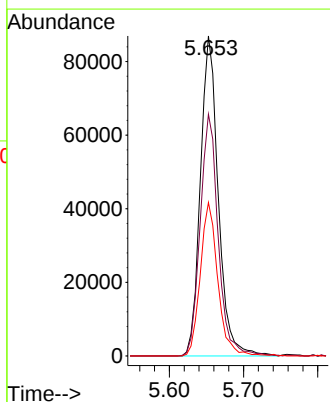
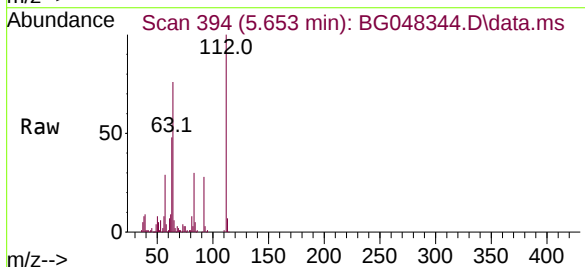
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE

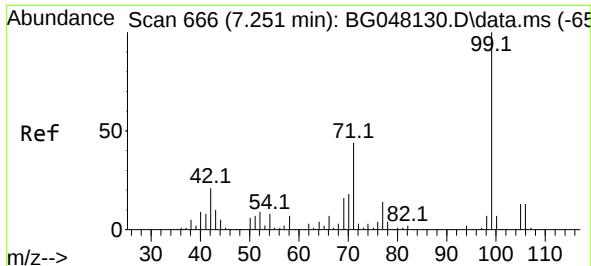
Tgt Ion:152 Resp: 26618
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.6
115 57.8 41.8 62.6



#5
2-Fluorophenol
Concen: 93.28 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion:112 Resp: 145864
Ion Ratio Lower Upper
112 100
64 75.6 46.7 70.1#
63 48.0 22.8 34.2#

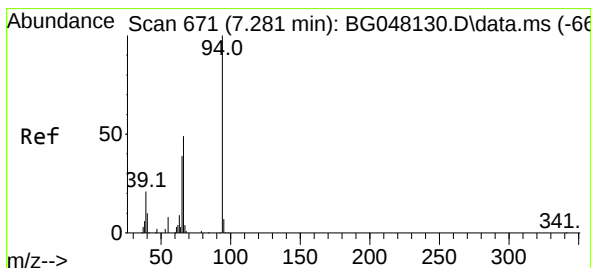
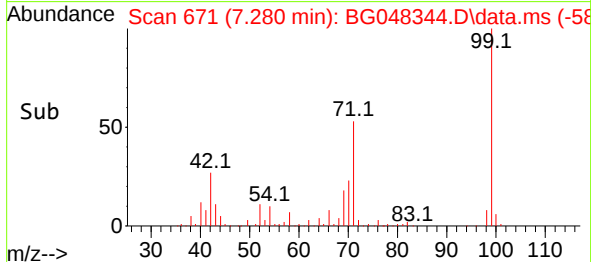
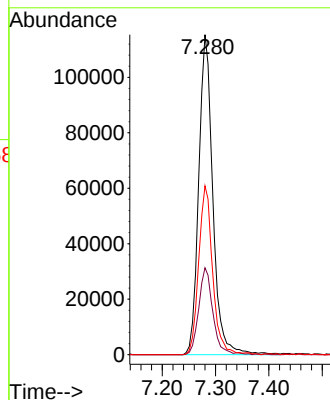
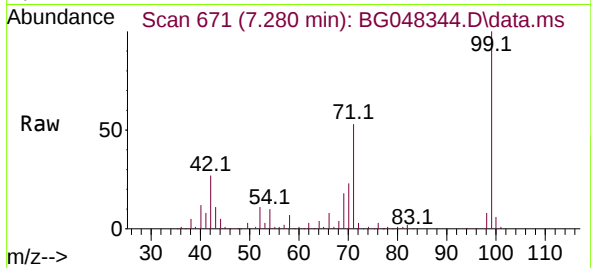




#7
Phenol-d6
Concen: 89.23 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.006 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

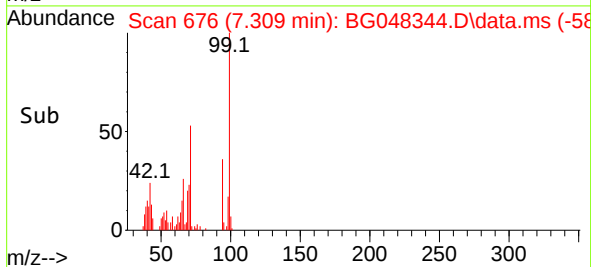
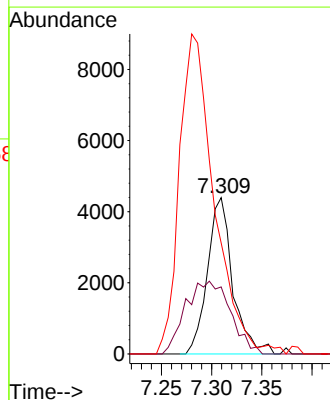
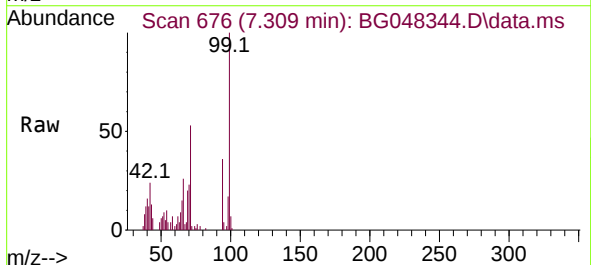
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE

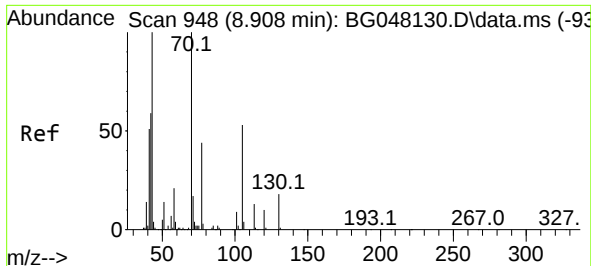
Tgt Ion: 99 Resp: 211987
Ion Ratio Lower Upper
99 100
42 27.1 12.8 19.2#
71 52.7 24.6 36.8#



#10
Phenol
Concen: 3.20 ng
RT: 7.309 min Scan# 676
Delta R.T. -0.001 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion: 94 Resp: 7681
Ion Ratio Lower Upper
94 100
65 42.9 6.6 46.6
66 71.0 13.9 53.9#

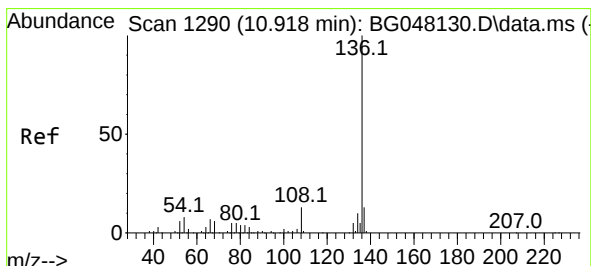
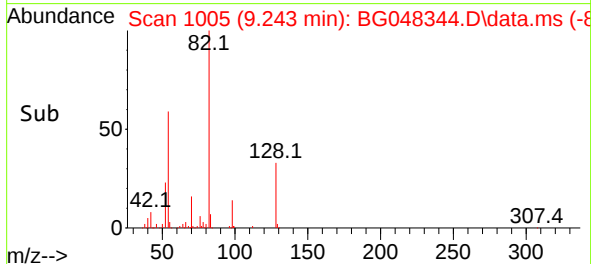
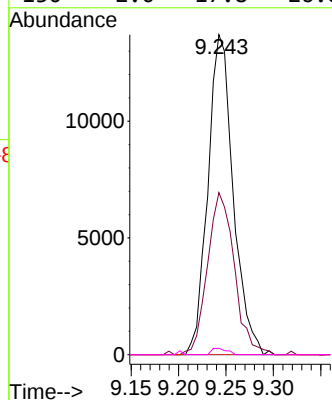
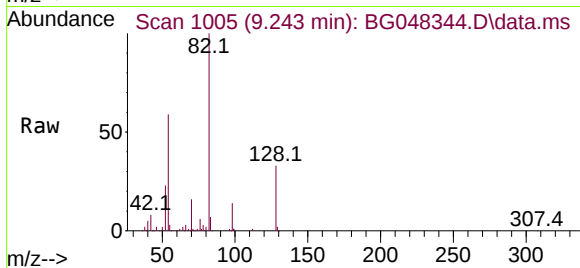




#19
n-Nitroso-di-n-propylamine
Concen: 13.89 ng
RT: 9.243 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

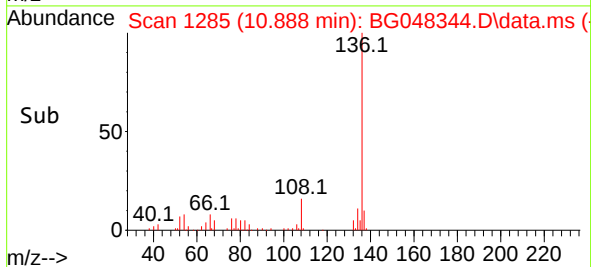
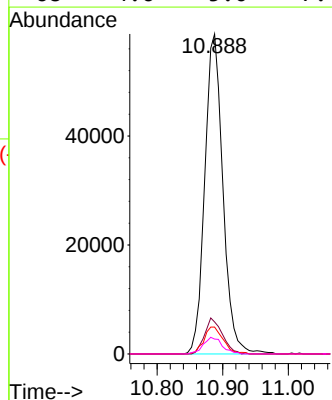
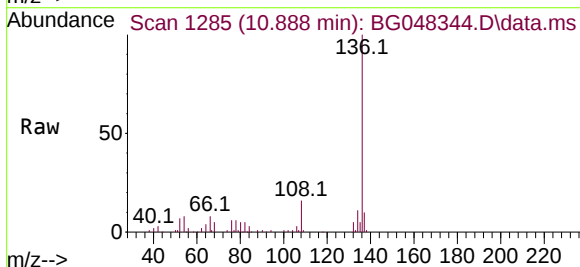
Instrument :
BNA_G
ClientSampled :
SOUTHSIDE

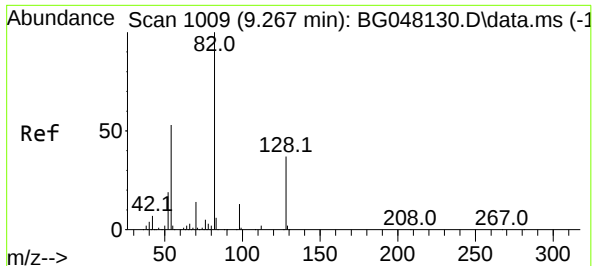
Tgt Ion: 70	Resp: 25475
Ion Ratio	Lower Upper
70 100	
42 50.6	45.6 68.4
101 0.0	8.4 12.6#
130 2.0	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion: 136	Resp: 113086
Ion Ratio	Lower Upper
136 100	
137 10.0	9.1 13.7
54 8.4	6.2 9.4
68 4.6	5.0 7.4#

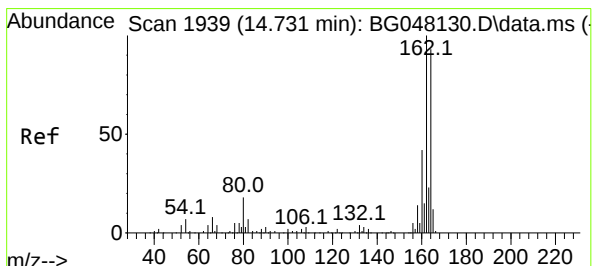
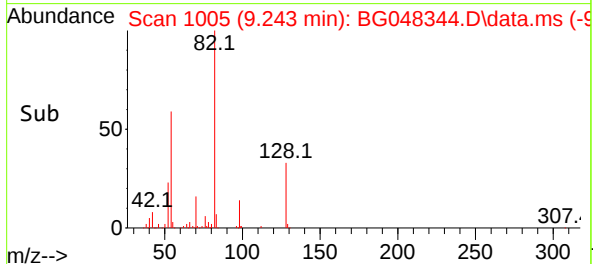
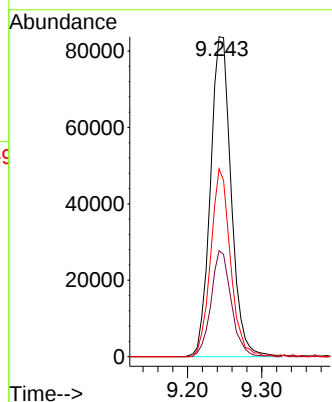
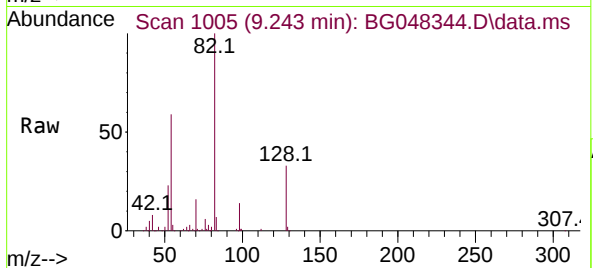




#23
Nitrobenzene-d5
Concen: 60.81 ng
RT: 9.243 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

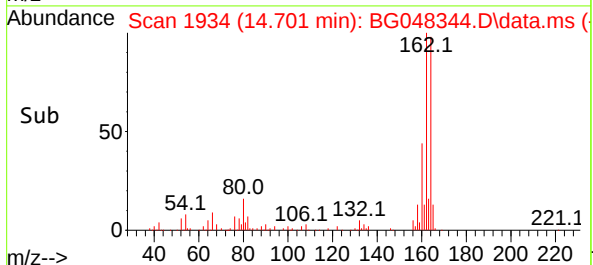
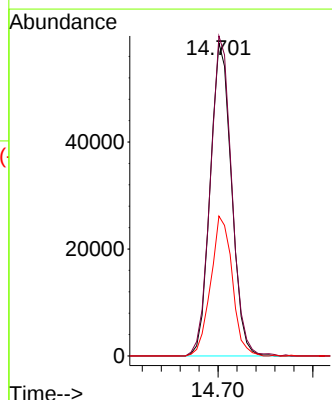
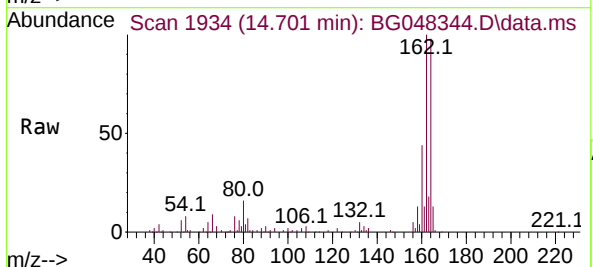
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE

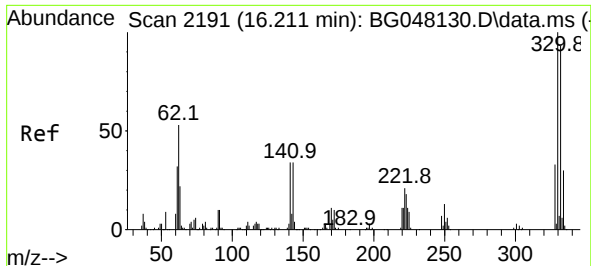
Tgt Ion: 82 Resp: 162566
Ion Ratio Lower Upper
82 100
128 33.1 37.0 55.6#
54 58.7 39.0 58.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.701 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

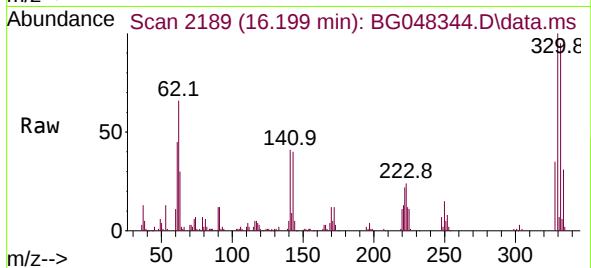
Tgt Ion: 164 Resp: 90888
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.7 35.3 52.9



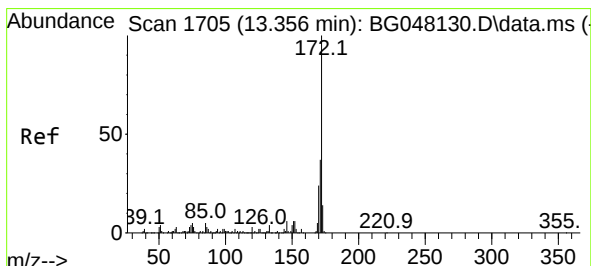
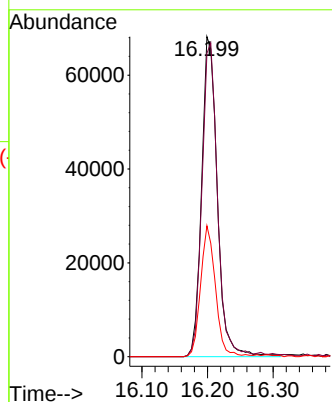
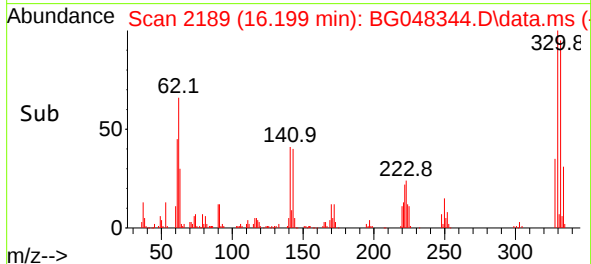


#42
2,4,6-Tribromophenol
Concen: 78.06 ng
RT: 16.199 min Scan# 2189
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

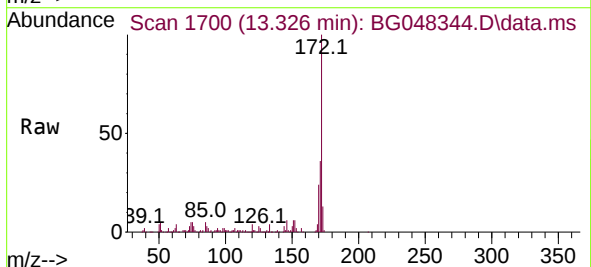
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE



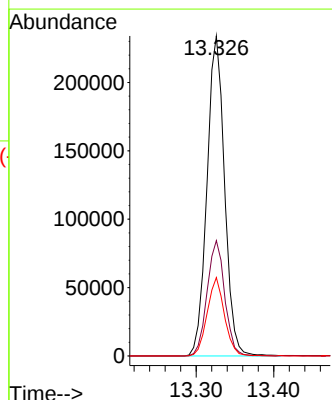
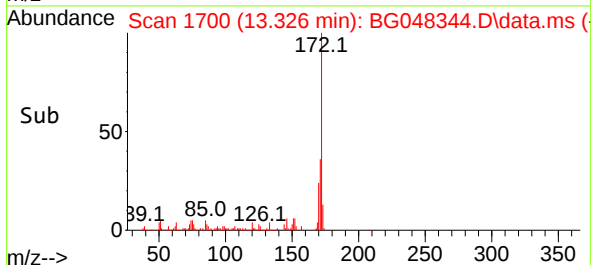
Tgt Ion:330 Resp: 113482
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 38.9 26.0 39.0

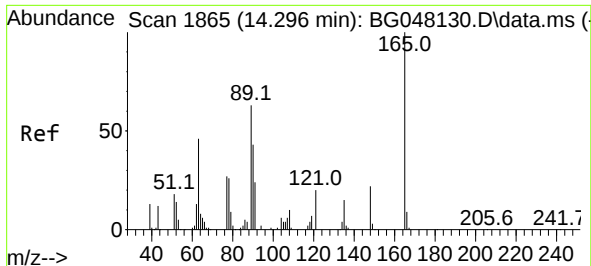


#45
2-Fluorobiphenyl
Concen: 56.88 ng
RT: 13.326 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06



Tgt Ion:172 Resp: 368736
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.5 20.8 31.2

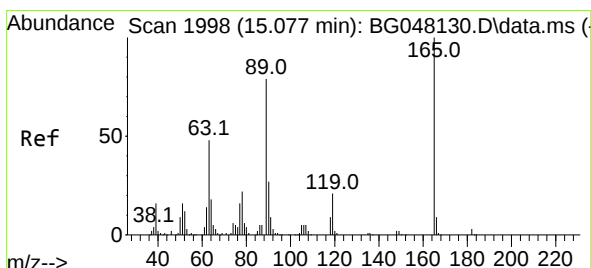
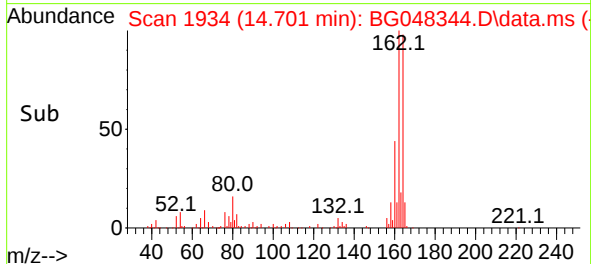
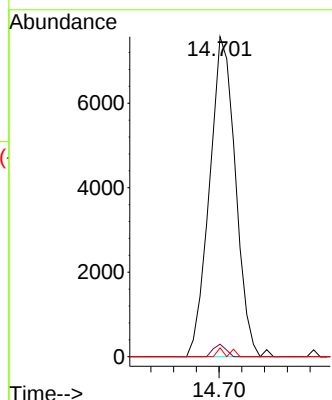
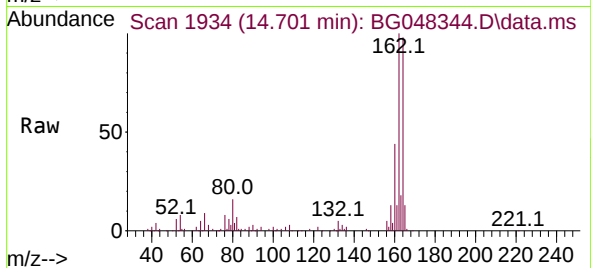




#51
2,6-Dinitrotoluene
Concen: 7.03 ng
RT: 14.701 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

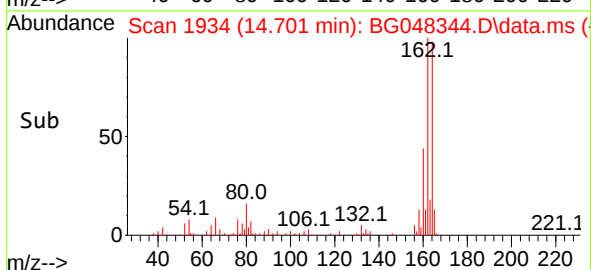
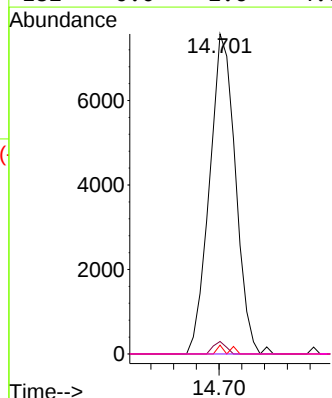
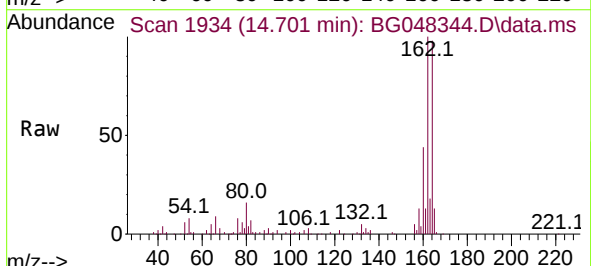
Instrument :
BNA_G
ClientSampleId :
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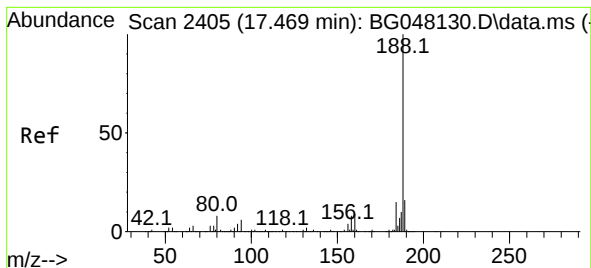
Tgt Ion:165 Resp: 12000
Ion Ratio Lower Upper
165 100
63 3.9 33.7 50.5#
89 2.8 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.86 ng
RT: 14.701 min Scan# 1934
Delta R.T. -0.388 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion:165 Resp: 12000
Ion Ratio Lower Upper
165 100
63 3.9 26.4 39.6#
89 2.8 47.8 71.8#
182 0.0 2.6 4.0#

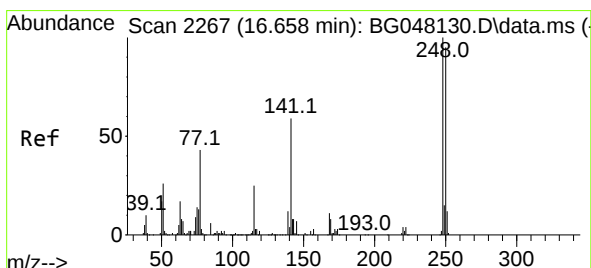
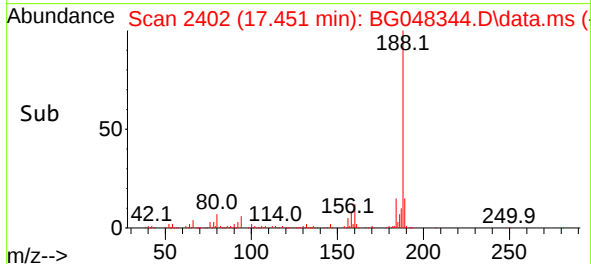
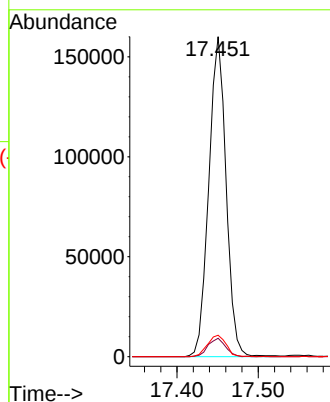
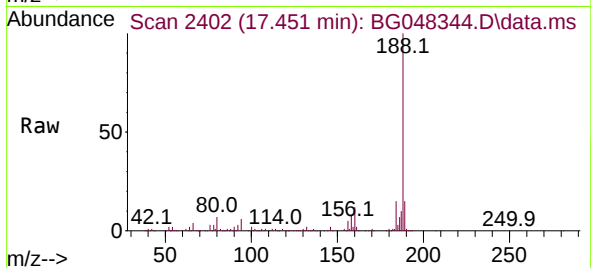




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.451 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

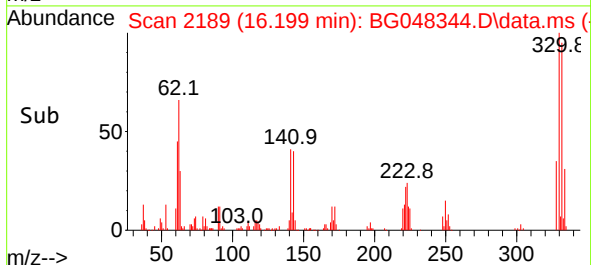
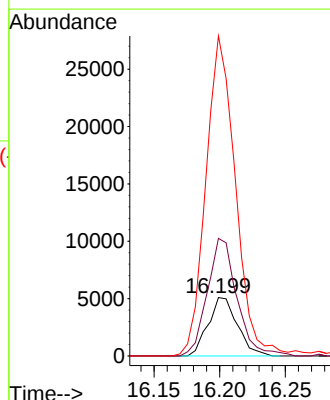
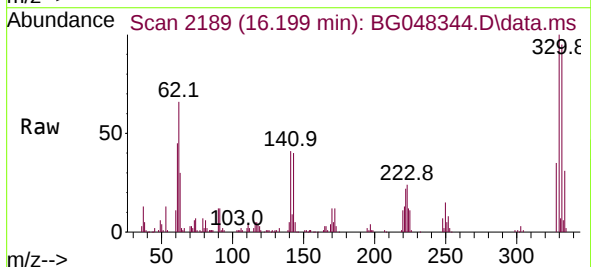
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE

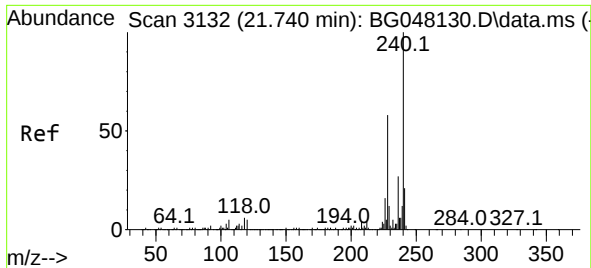
Tgt Ion:188 Resp: 236514
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 6.7 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 16.199 min Scan# 2189
Delta R.T. -0.435 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion:248 Resp: 7891
Ion Ratio Lower Upper
248 100
250 201.3 78.9 118.3#
141 547.9 46.2 69.4#

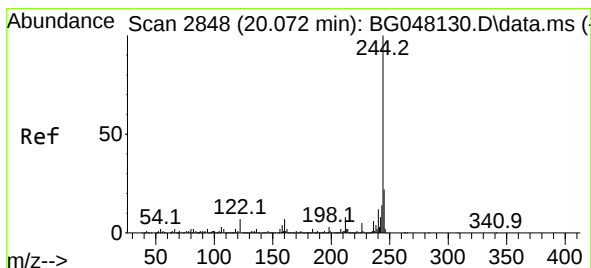
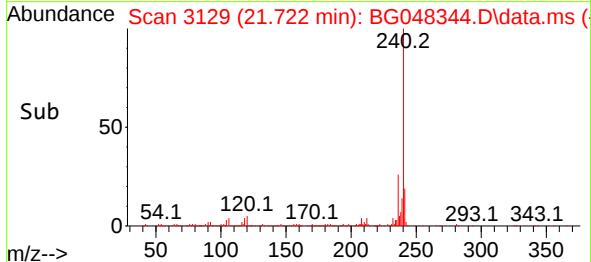
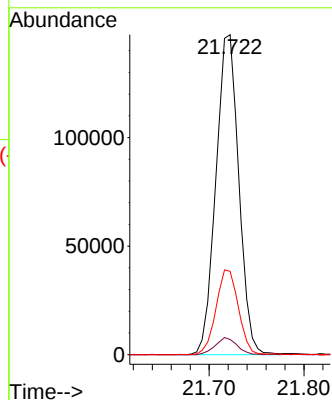
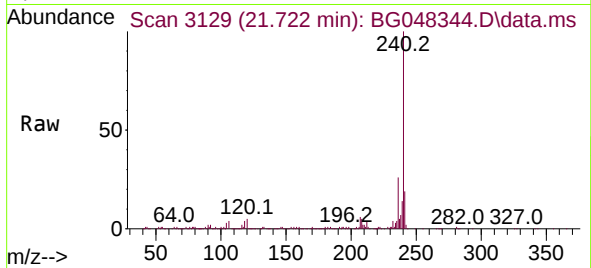




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.722 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

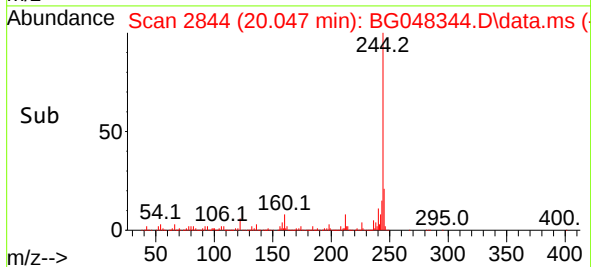
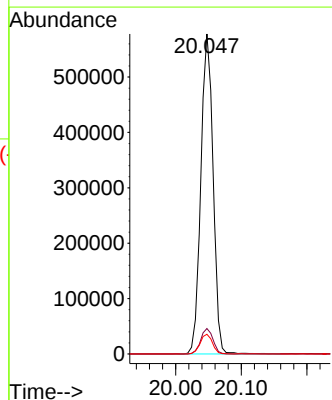
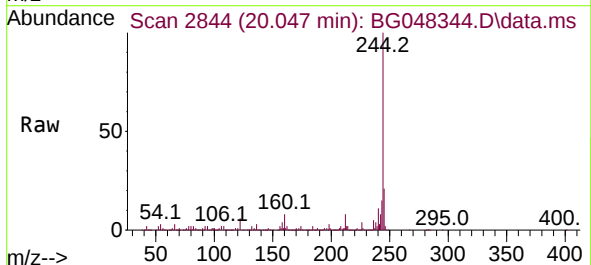
Instrument :
BNA_G
ClientSampleId :
SOUTHSIDE

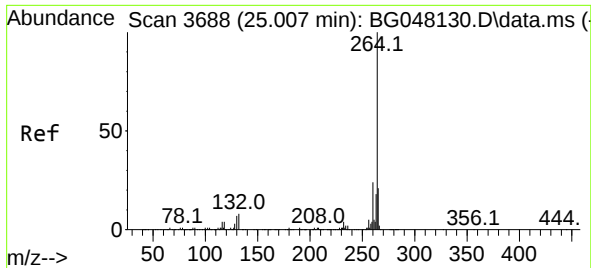
Tgt Ion:240 Resp: 247574
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 55.51 ng
RT: 20.047 min Scan# 2844
Delta R.T. -0.007 min
Lab File: BG048344.D
Acq: 5 Mar 2021 19:06

Tgt Ion:244 Resp: 752023
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 6.1 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.977 min Scan# 3683
 Delta R.T. -0.012 min
 Lab File: BG048344.D
 Acq: 5 Mar 2021 19:06

Instrument :
 BNA_G
 ClientSampleId :
 SOUTHSIDE

Tgt Ion:	264	Resp:	235349
Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.8	28.2
265	21.2	17.8	26.8

