

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047890.D
 Acq On : 8 Jan 2021 17:25
 Operator : CG/JU
 Sample : PB134011TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134011TB

Quant Time: Jan 09 00:52:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

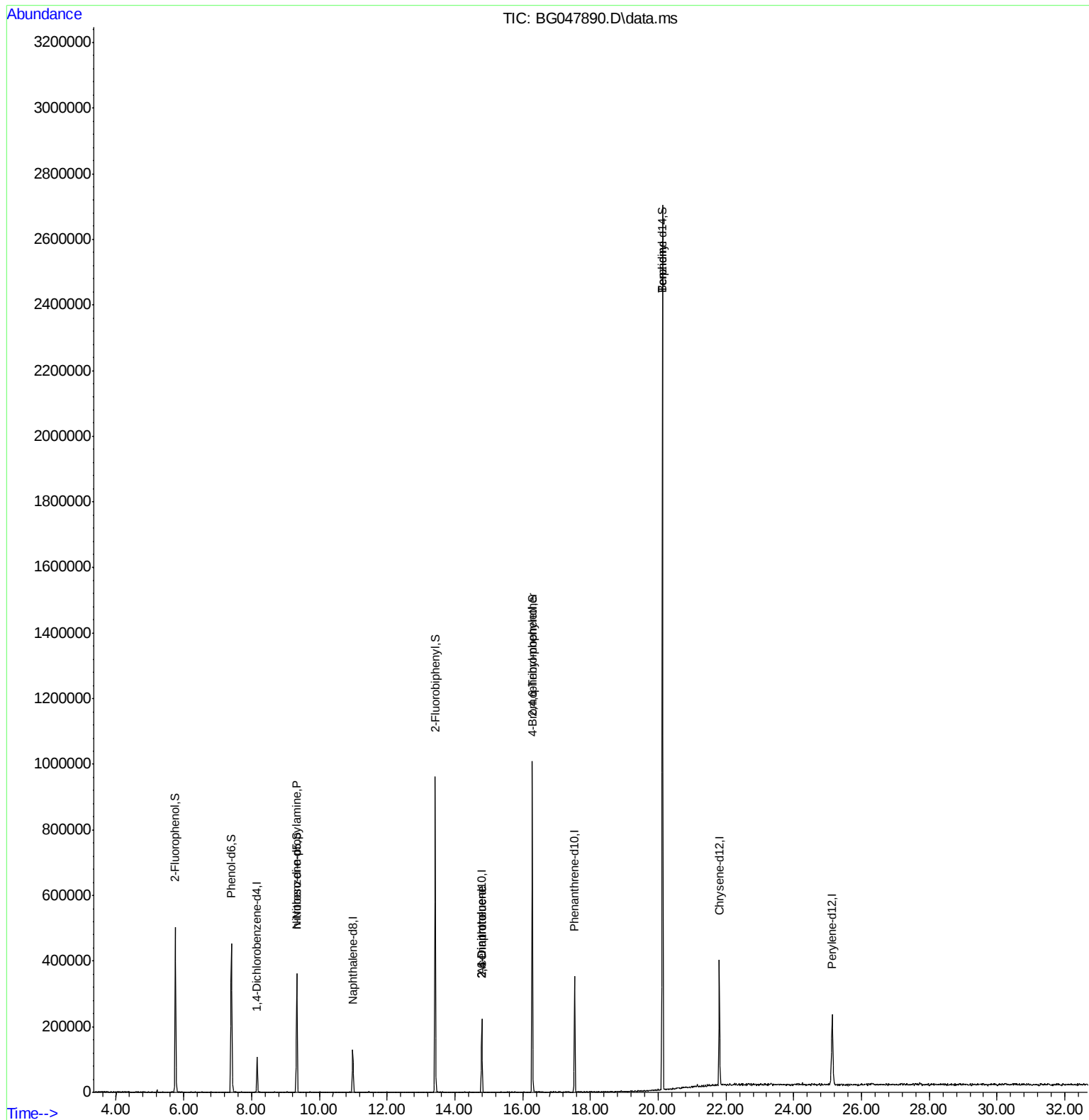
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	27169	20.00	ng	# 0.00
21) Naphthalene-d8	10.987	136	101971	20.00	ng	# 0.00
39) Acenaphthene-d10	14.794	164	79705	20.00	ng	0.00
64) Phenanthrene-d10	17.532	188	225163	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	248553	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	239889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	208295	132.63	ng	0.00
7) Phenol-d6	7.403	99	281280	122.52	ng	0.00
23) Nitrobenzene-d5	9.336	82	214456	77.36	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	185150	136.07	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	493372	80.10	ng	0.00
79) Terphenyl-d14	20.123	244	1139159	75.52	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.336	70	33225	20.80	ng	# 72
51) 2,6-Dinitrotoluene	14.789	165	10625	7.61	ng	# 32
57) 2,4-Dinitrotoluene	14.789	165	10625	5.12	ng	# 30
67) 4-Bromophenyl-phenylether	16.281	248	12735	4.21	ng	# 1
70) Pentachlorophenol	17.239	266	61	Below Cal		# 19
77) Benzdine	20.123	184	22856	3.42	ng	# 91

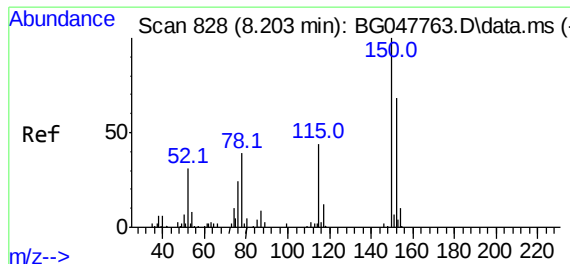
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

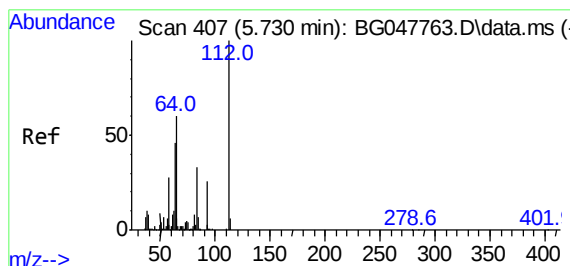
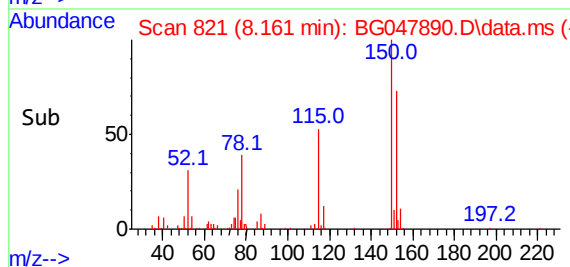
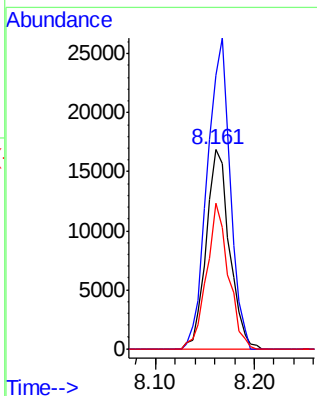
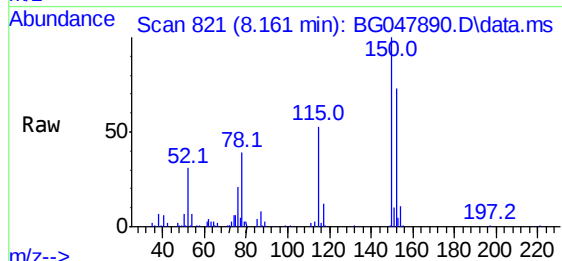




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.161 min Scan# 821
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

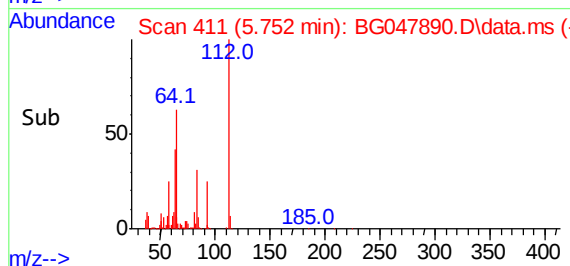
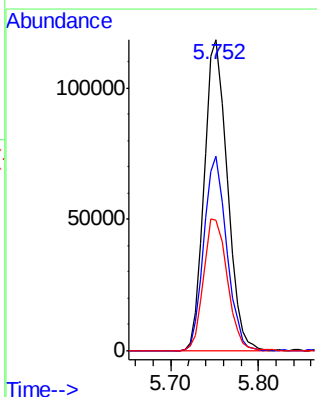
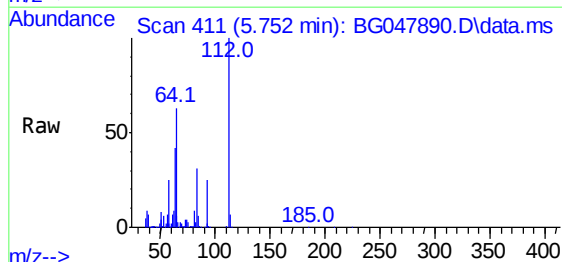
Instrument :
BNA_G
ClientSampleId :
PB134011TB

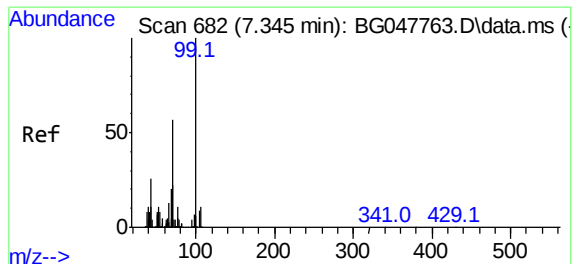
Tgt Ion:152 Resp: 27169
Ion Ratio Lower Upper
152 100
150 137.5 125.0 187.6
115 72.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 132.63 ng
RT: 5.752 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Tgt Ion:112 Resp: 208295
Ion Ratio Lower Upper
112 100
64 62.5 46.7 70.1
63 41.8 22.8 34.2#

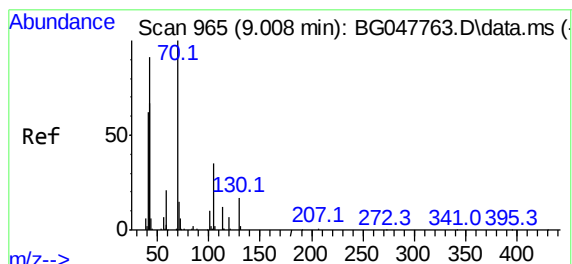
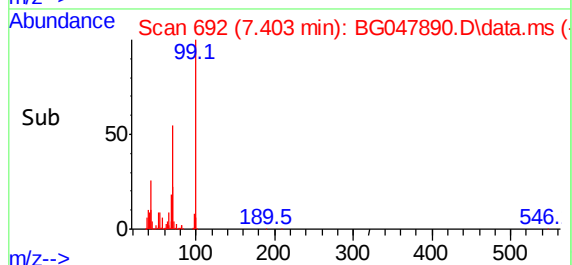
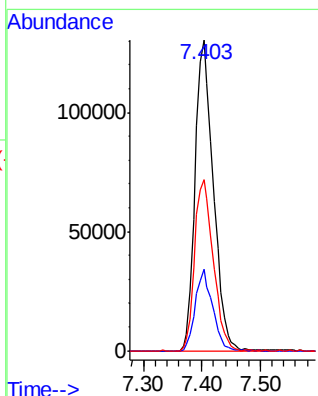
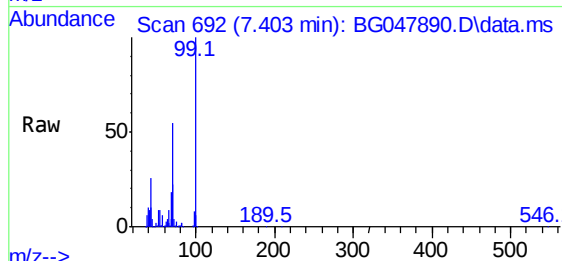




#7
Phenol-d6
Concen: 122.52 ng
RT: 7.403 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

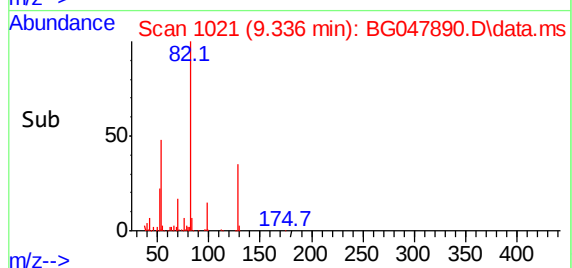
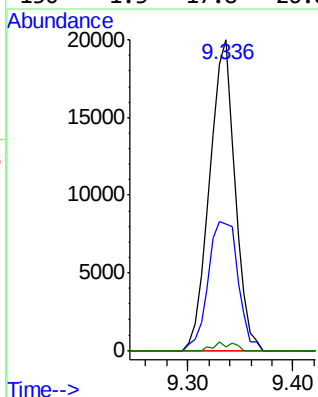
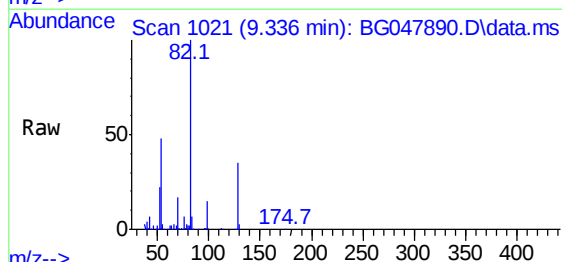
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BNA_G
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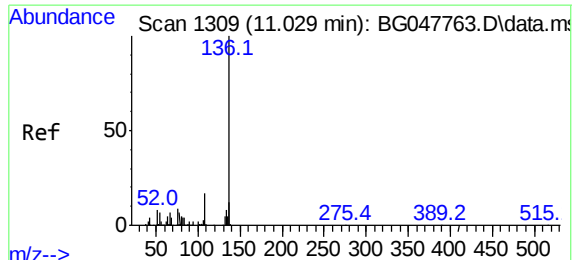
Tgt Ion: 99 Resp: 281280
Ion Ratio Lower Upper
99 100
42 26.3 12.8 19.2#
71 55.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.80 ng
RT: 9.336 min Scan# 1021
Delta R.T. 0.369 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

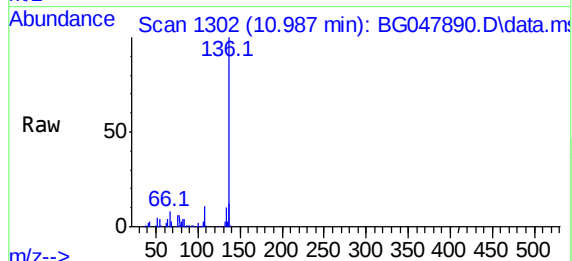
Tgt Ion: 70 Resp: 33225
Ion Ratio Lower Upper
70 100
42 40.7 45.6 68.4#
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#





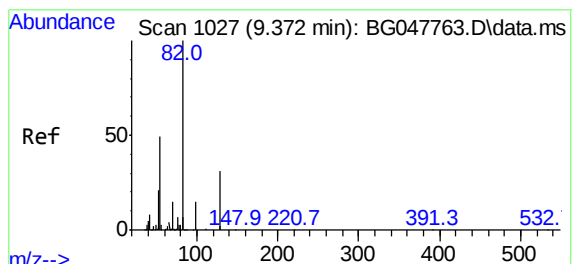
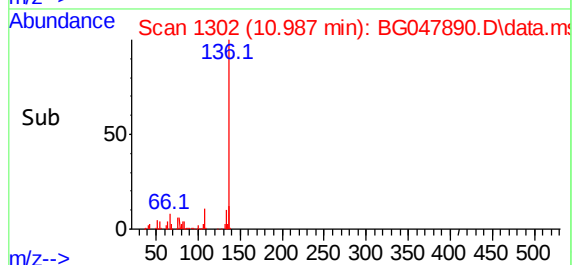
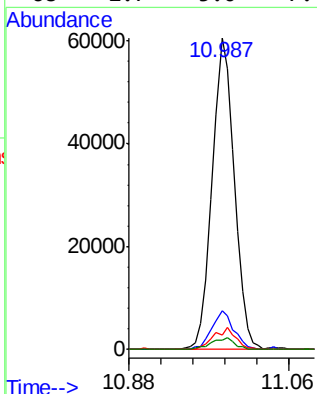
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.987 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Instrument :
BNA_G
ClientSampleId :
PB134011TB



Tgt Ion:136 Resp: 101971

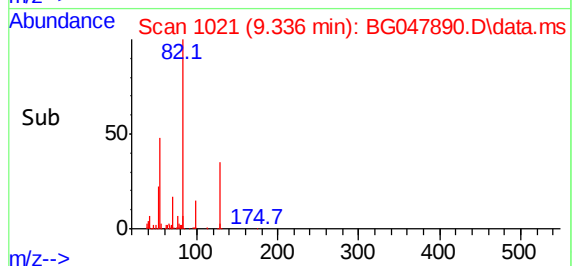
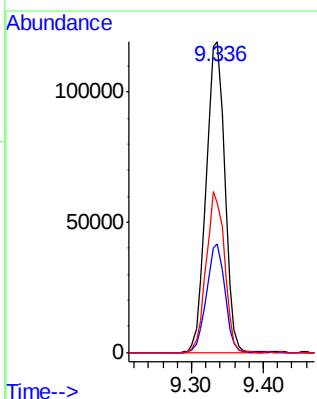
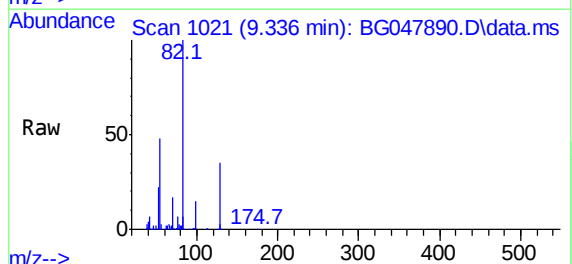
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	4.4	6.2	9.4#
68	2.7	5.0	7.4#

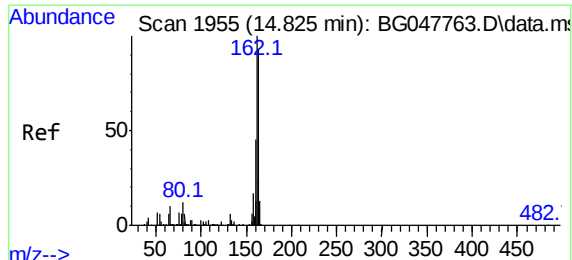


#23
Nitrobenzene-d5
Concen: 77.36 ng
RT: 9.336 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Tgt Ion: 82 Resp: 214456

Ion	Ratio	Lower	Upper
82	100		
128	34.8	37.0	55.6#
54	47.9	39.0	58.4





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.794 min Scan# 1950

Delta R.T. -0.001 min

Lab File: BG047890.D

Acq: 8 Jan 2021 17:25

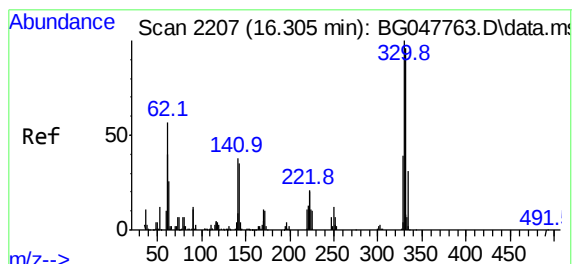
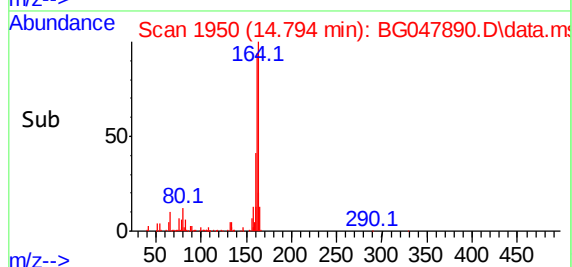
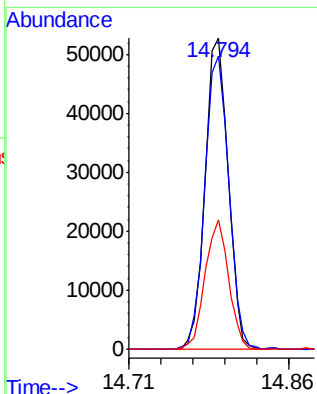
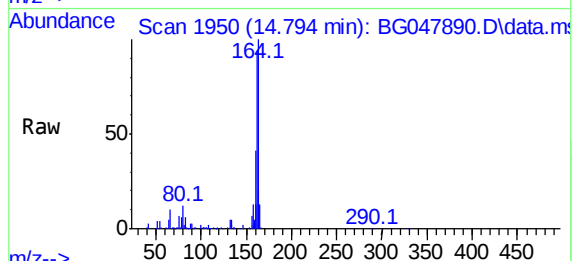
Instrument :

BNA_G

ClientSampleId :

PB134011TB

Tgt Ion:164	Resp:	79705
Ion	Ratio	Lower Upper
164	100	
162	94.3	82.3 123.5
160	41.4	35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 136.07 ng

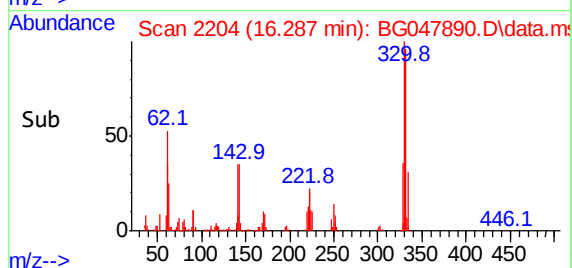
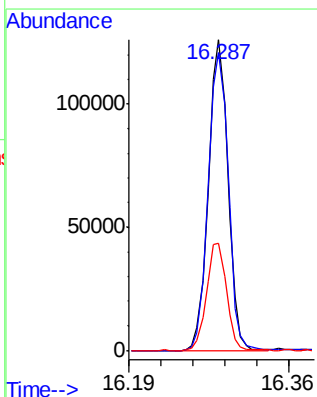
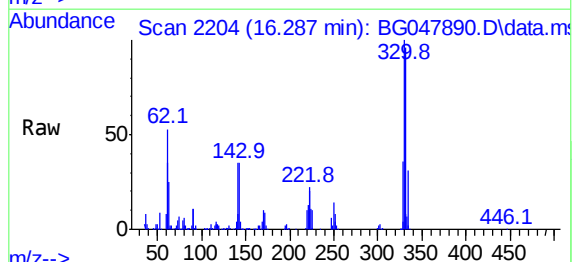
RT: 16.287 min Scan# 2204

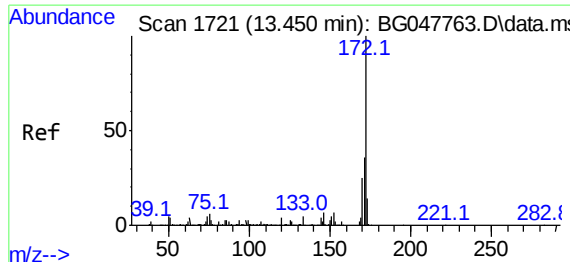
Delta R.T. -0.001 min

Lab File: BG047890.D

Acq: 8 Jan 2021 17:25

Tgt Ion:330	Resp:	185150
Ion	Ratio	Lower Upper
330	100	
332	98.8	76.5 114.7
141	35.2	26.0 39.0

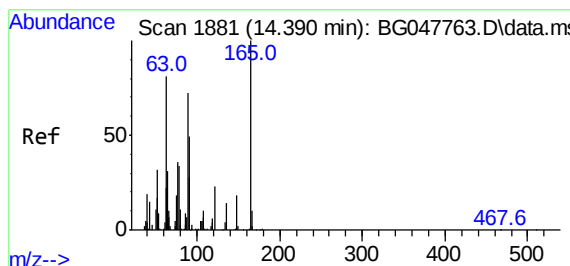
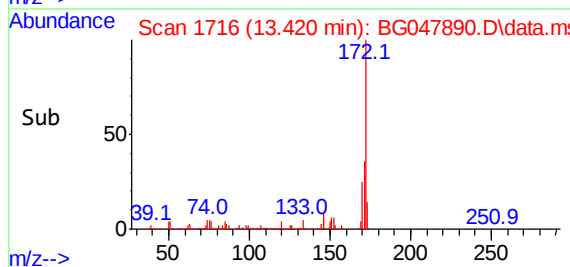
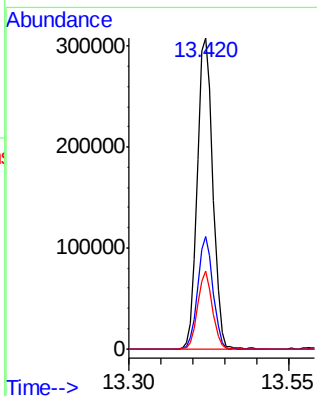
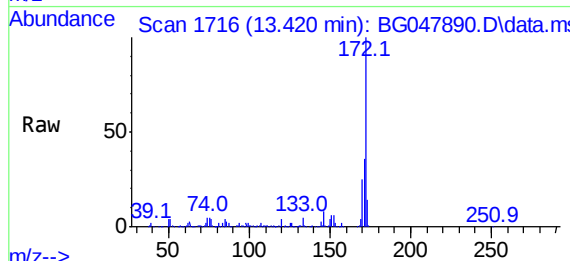




#45
2-Fluorobiphenyl
Concen: 80.10 ng
RT: 13.420 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

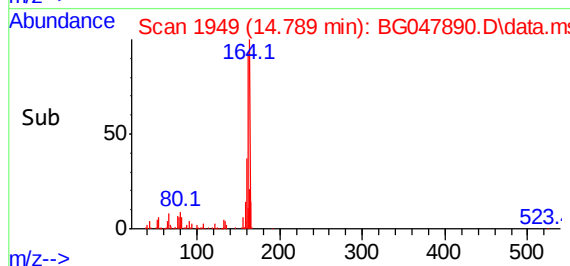
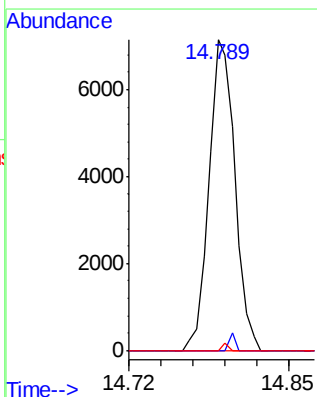
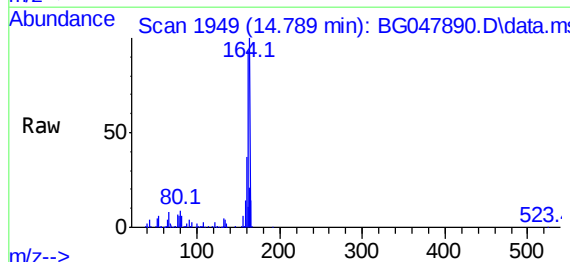
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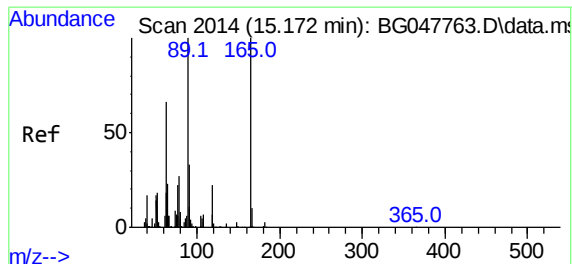
Tgt Ion:172 Resp: 493372
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 25.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 14.789 min Scan# 1949
Delta R.T. 0.428 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

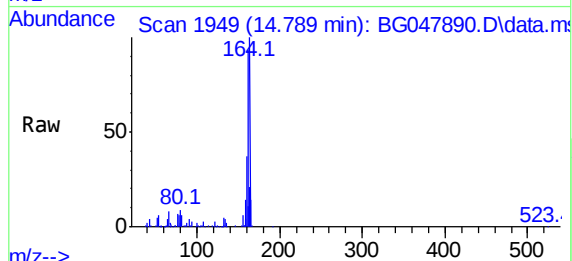
Tgt Ion:165 Resp: 10625
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



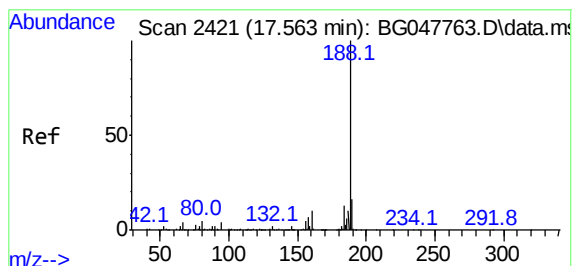
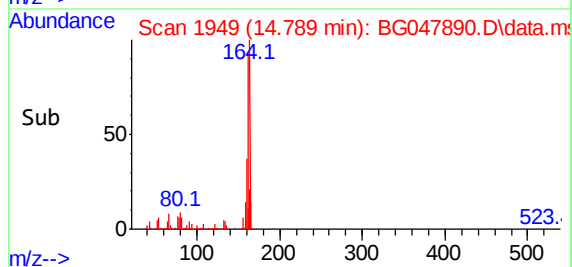
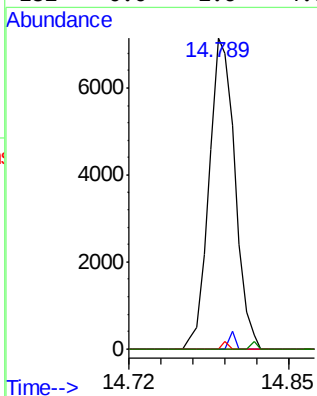


#57
2,4-Dinitrotoluene
Concen: 5.12 ng
RT: 14.789 min Scan# 1949
Delta R.T. -0.359 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Instrument :
BNA_G
ClientSampleId :
PB134011TB

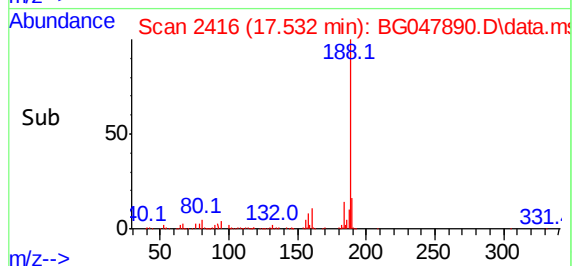
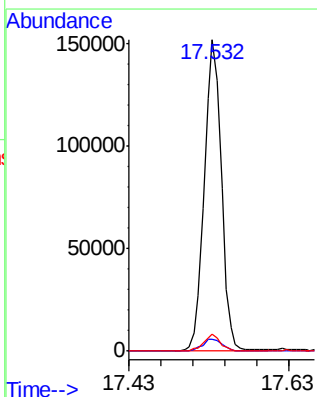
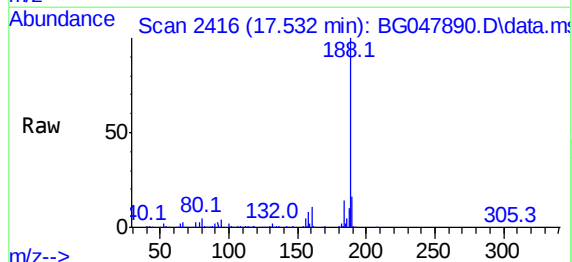


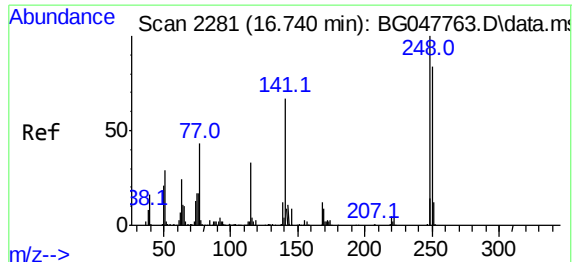
Tgt Ion:165 Resp: 10625
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.532 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Tgt Ion:188 Resp: 225163
Ion Ratio Lower Upper
188 100
94 3.5 6.3 9.5#
80 5.3 7.0 10.6#

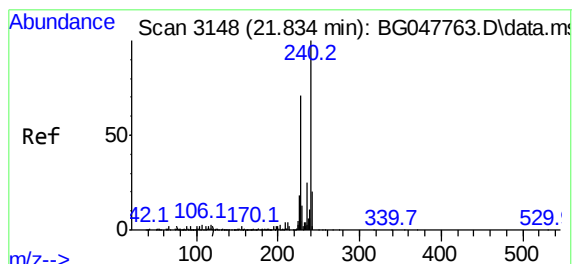
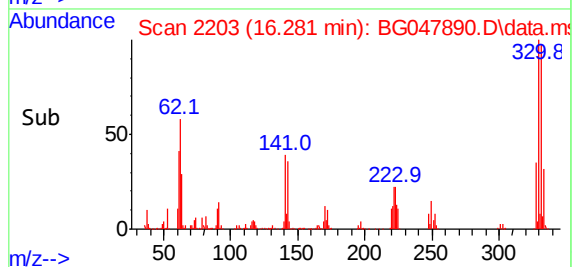
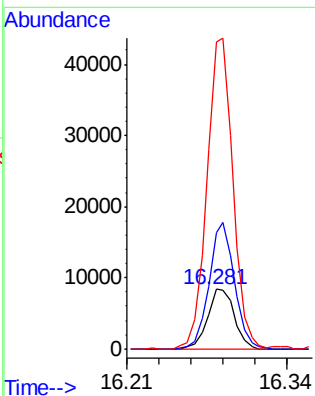
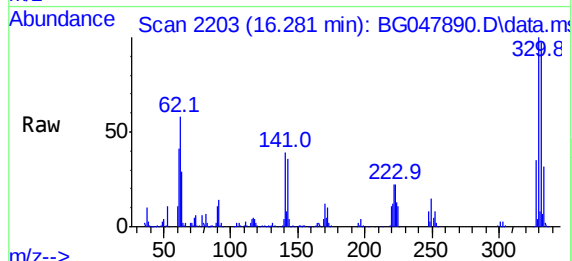




#67
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 16.281 min Scan# 2203
Delta R.T. -0.436 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

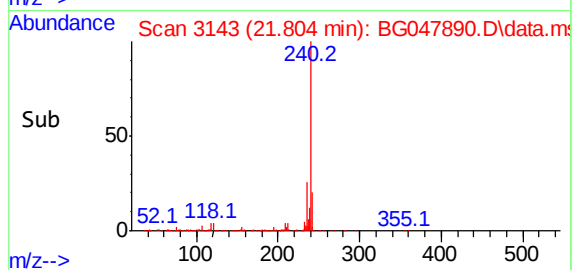
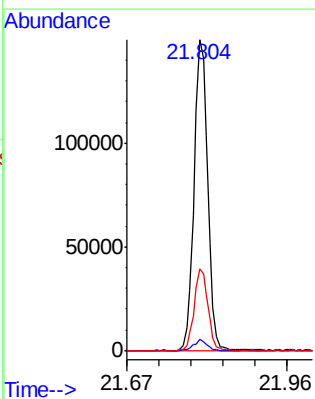
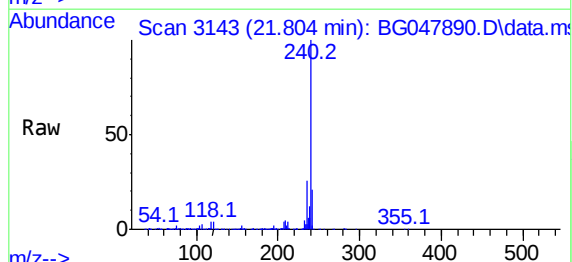
Instrument :
BNA_G
ClientSampleId :
PB134011TB

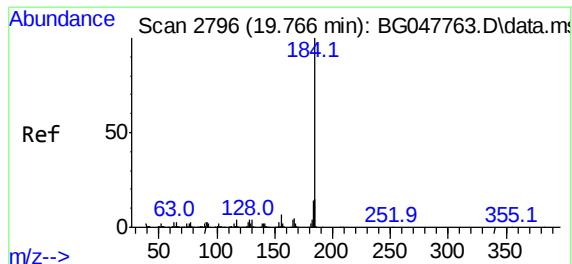
Tgt Ion:	248	Resp:	12735
Ion Ratio	Lower	Upper	
248	100		
250	196.1	78.9	118.3#
141	516.0	46.2	69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Tgt Ion:	240	Resp:	248553
Ion Ratio	Lower	Upper	
240	100		
120	3.6	6.2	9.4#
236	26.4	20.5	30.7

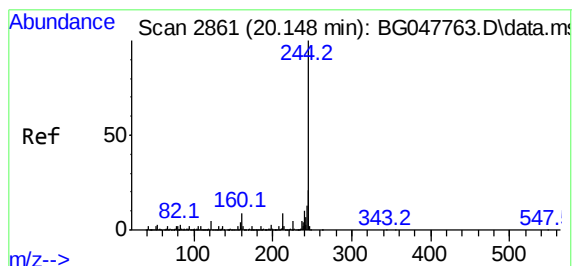
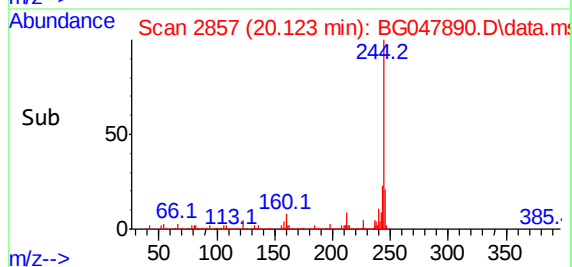
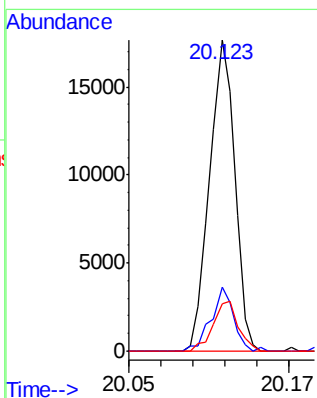
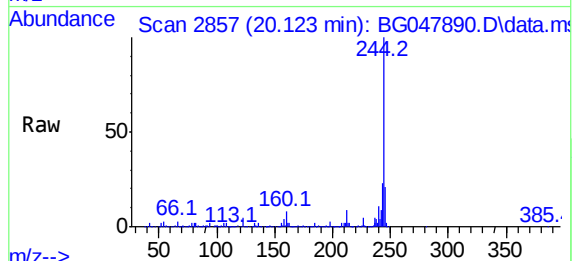




#77
Benzidine
Concen: 3.42 ng
RT: 20.123 min Scan# 2857
Delta R.T. 0.375 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

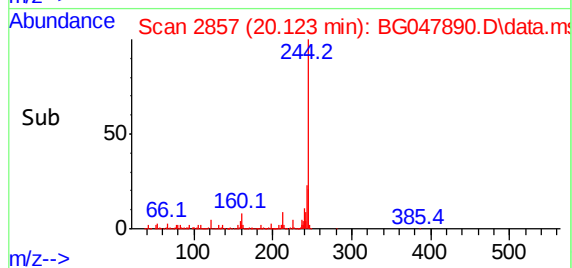
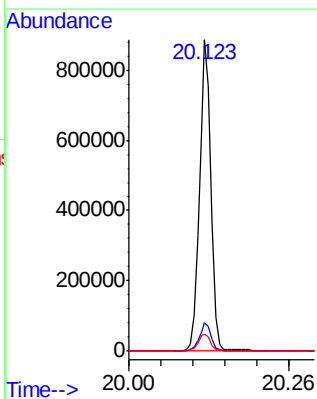
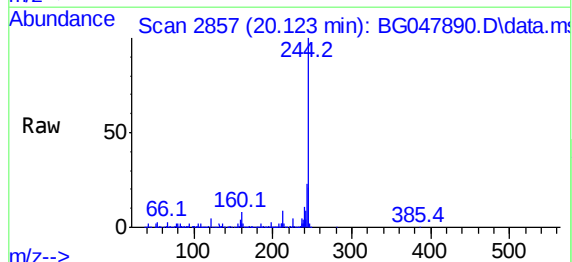
Instrument :
BNA_G
ClientSampleId :
PB134011TB

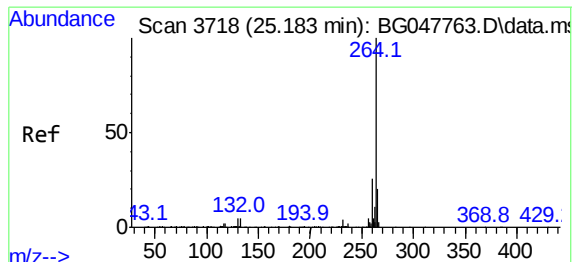
Tgt Ion:184 Resp: 22856
Ion Ratio Lower Upper
184 100
185 20.4 12.4 18.6#
183 15.2 10.6 15.8



#79
Terphenyl-d14
Concen: 75.52 ng
RT: 20.123 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

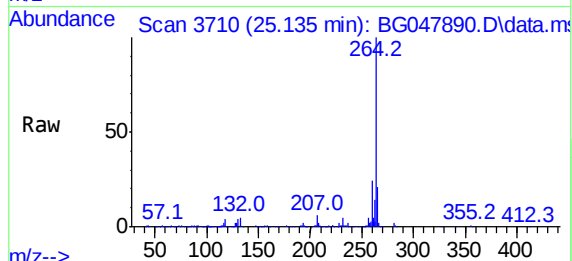
Tgt Ion:244 Resp: 1139159
Ion Ratio Lower Upper
244 100
212 9.1 6.7 10.1
122 5.4 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.001 min
Lab File: BG047890.D
Acq: 8 Jan 2021 17:25

Instrument :
BNA_G
ClientSampleId :
PB134011TB



Tgt Ion:264 Resp: 239889

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.4	17.8	26.8

