

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047888.D
 Acq On : 8 Jan 2021 16:04
 Operator : CG/JU
 Sample : PB133991BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB133991BL

Quant Time: Jan 08 17:24:48 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)

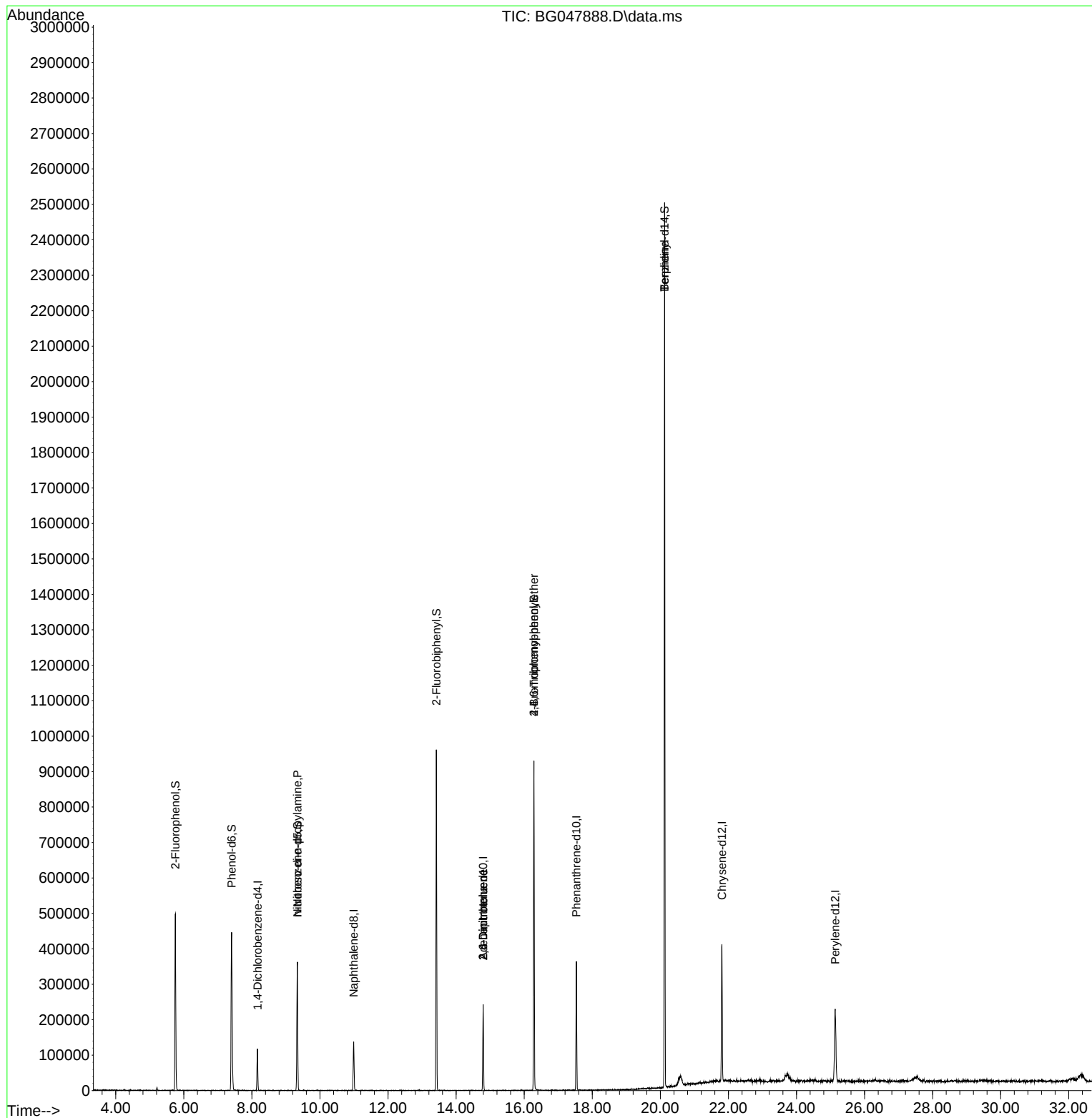
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	29689	20.00	ng	0.00
21) Naphthalene-d8	10.993	136	107785	20.00	ng	# 0.00
39) Acenaphthene-d10	14.795	164	81941	20.00	ng	0.00
64) Phenanthrene-d10	17.533	188	227852	20.00	ng	# 0.00
76) Chrysene-d12	21.810	240	250196	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	235766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	212009	123.53	ng	0.00
7) Phenol-d6	7.403	99	284156	113.26	ng	0.00
23) Nitrobenzene-d5	9.336	82	216297	73.81	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	178786	127.81	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	479433	75.71	ng	0.00
79) Terphenyl-d14	20.124	244	1064205	70.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.336	70	33914	19.43	ng	# 72
51) 2,6-Dinitrotoluene	14.795	165	11798	8.22	ng	# 32
57) 2,4-Dinitrotoluene	14.795	165	11798	5.53	ng	# 30
67) 4-Bromophenyl-phenylether	16.287	248	12867	4.20	ng	# 1
70) Pentachlorophenol	17.439	266	53	Below Cal		# 19
77) Benzidine	20.124	184	20514	3.05	ng	96

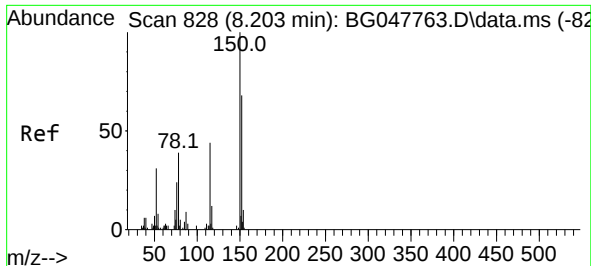
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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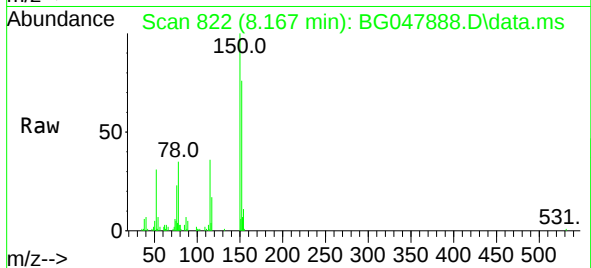
Quant Time: Jan 08 17:24:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
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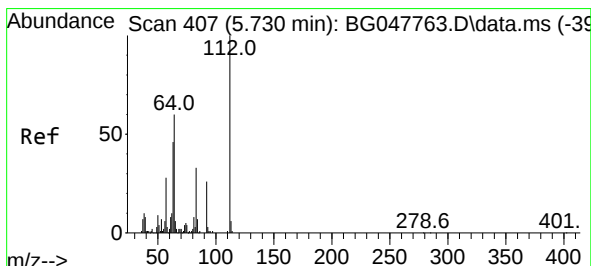
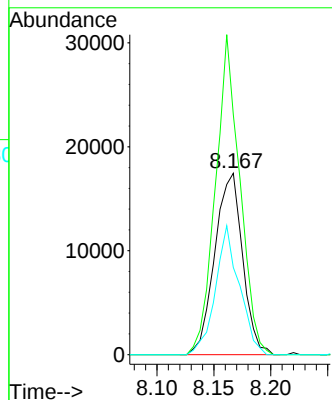
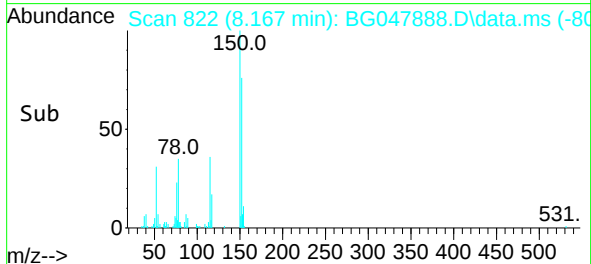


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.167 min Scan# 822
Delta R.T. 0.005 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

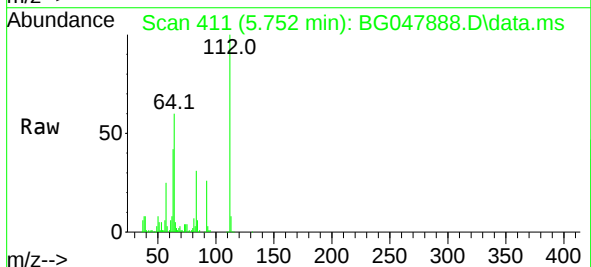
Instrument :
BNA_G
ClientSampleId :
PB133991BL



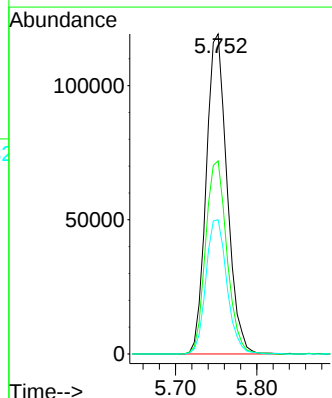
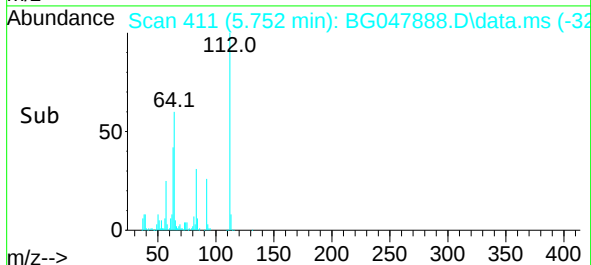
Tgt Ion:152 Resp: 29689
Ion Ratio Lower Upper
152 100
150 132.3 125.0 187.6
115 48.0 41.8 62.6

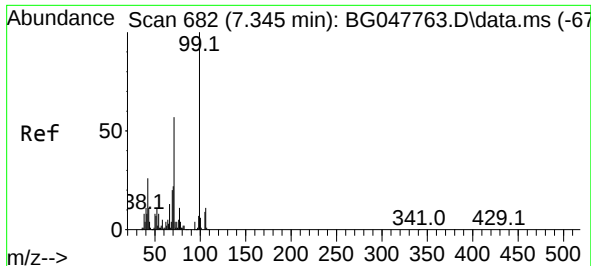


#5
2-Fluorophenol
Concen: 123.53 ng
RT: 5.752 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04



Tgt Ion:112 Resp: 212009
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 41.9 22.8 34.2#

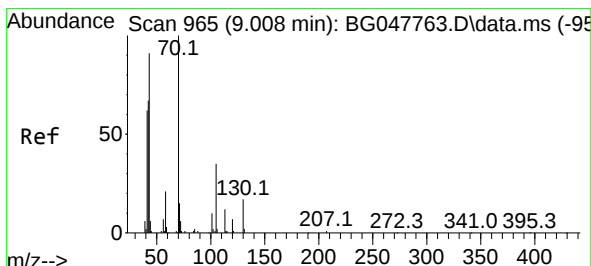
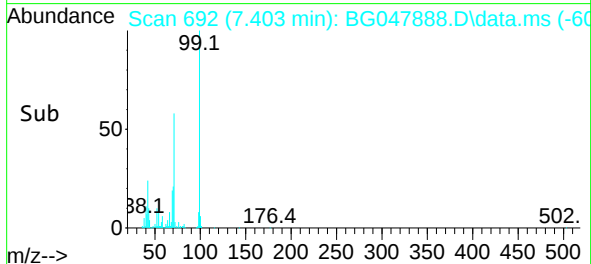
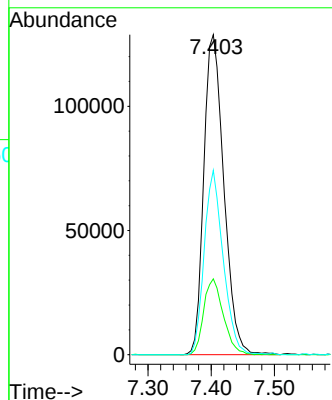
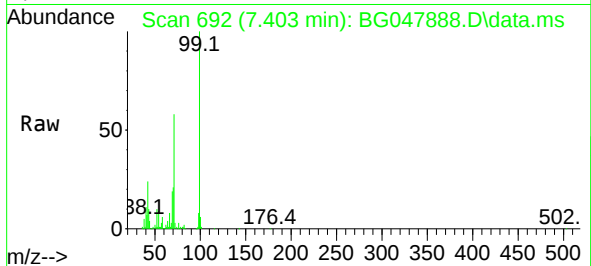




#7
Phenol-d6
Concen: 113.26 ng
RT: 7.403 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

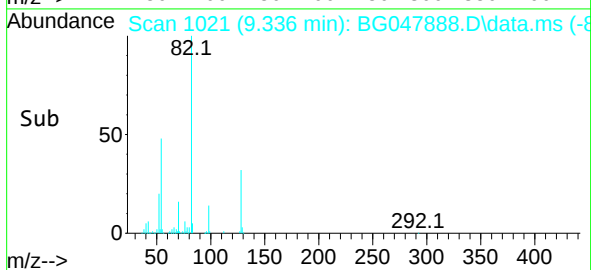
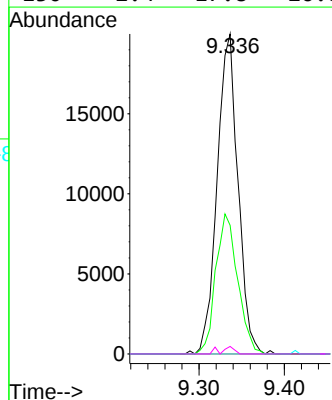
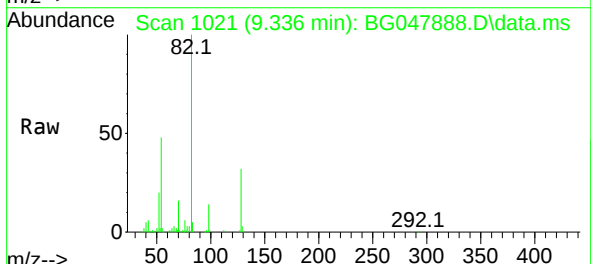
Instrument :
BNA_G
ClientSampleId :
PB133991BL

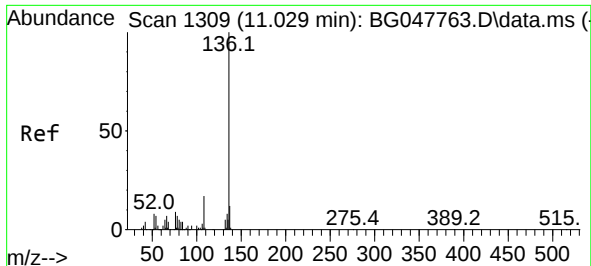
Tgt Ion: 99 Resp: 284156
Ion Ratio Lower Upper
99 100
42 23.7 12.8 19.2#
71 57.6 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 9.336 min Scan# 1021
Delta R.T. 0.370 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Tgt Ion: 70 Resp: 33914
Ion Ratio Lower Upper
70 100
42 40.2 45.6 68.4#
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#

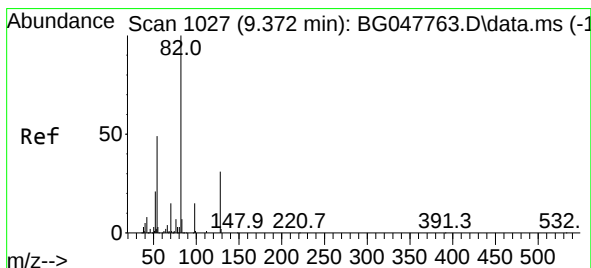
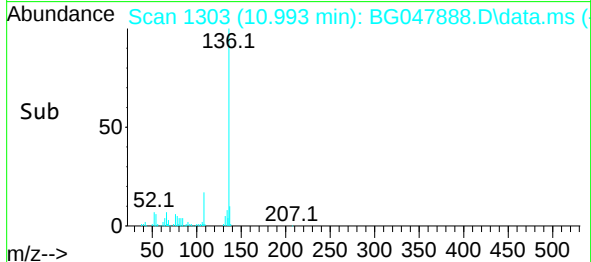
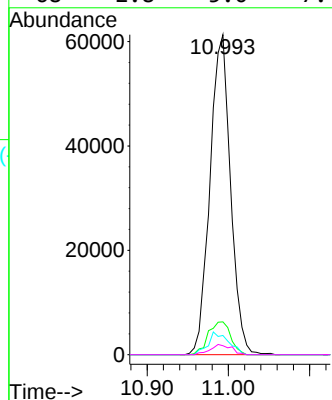
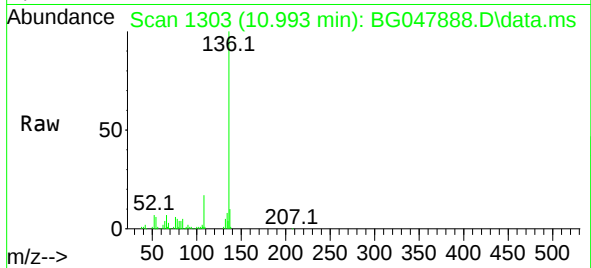




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.993 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

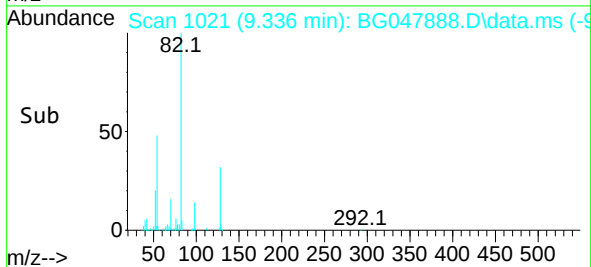
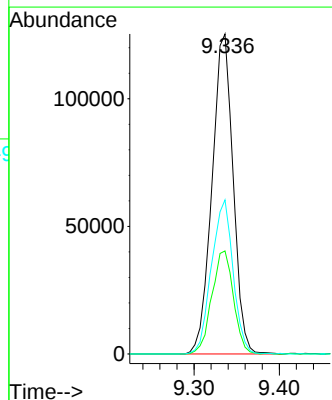
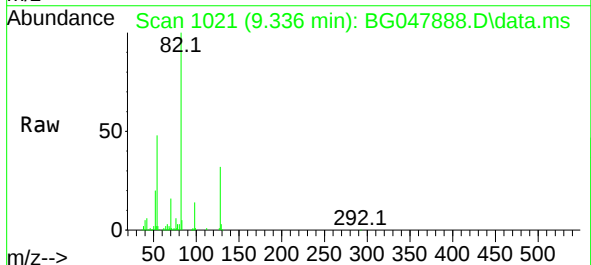
Instrument :
BNA_G
ClientSampleId :
PB133991BL

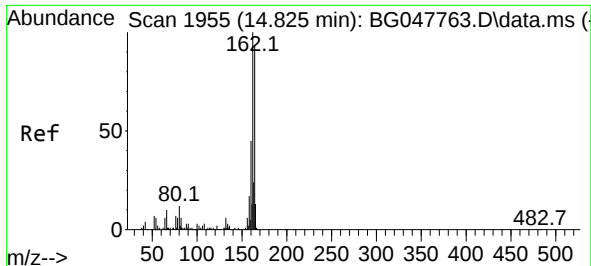
Tgt Ion:136	Resp: 107785
Ion Ratio	Lower Upper
136 100	
137 10.3	9.1 13.7
54 6.0	6.2 9.4#
68 2.8	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 73.81 ng
RT: 9.336 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Tgt Ion: 82	Resp: 216297
Ion Ratio	Lower Upper
82 100	
128 32.2	37.0 55.6#
54 48.2	39.0 58.4

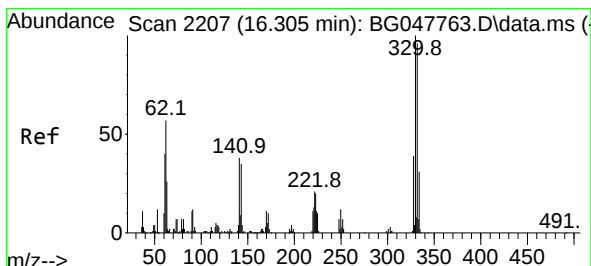
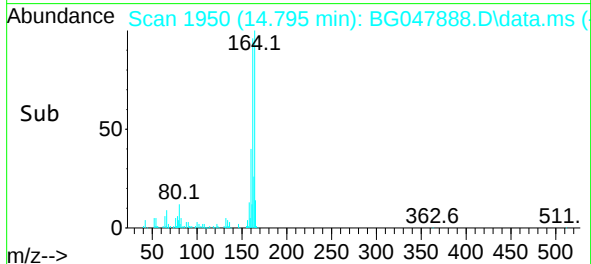
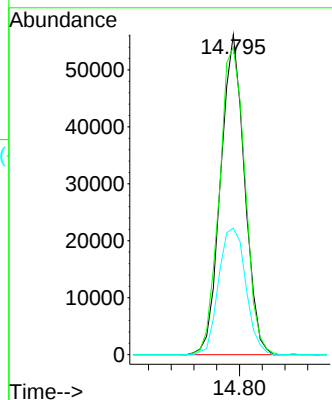
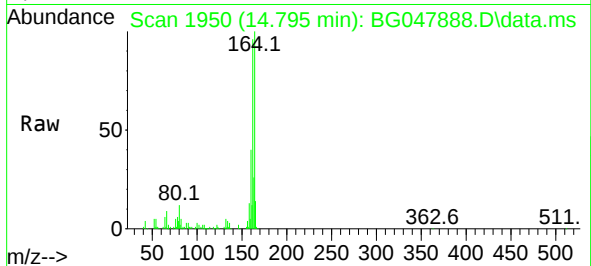




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.795 min Scan# 1950
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

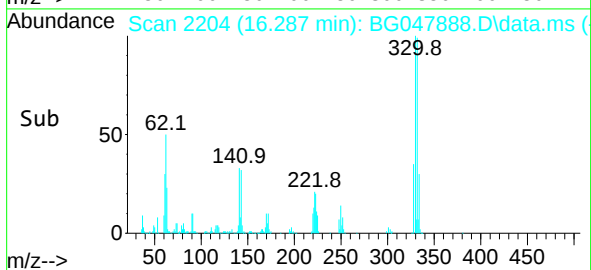
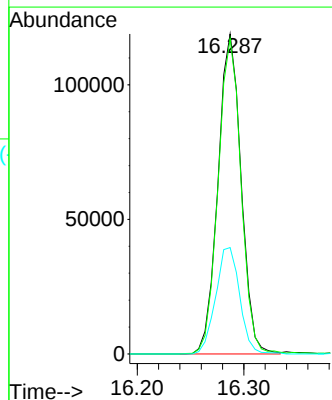
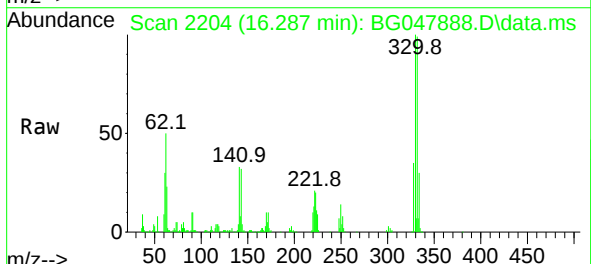
Instrument :
BNA_G
ClientSampleId :
PB133991BL

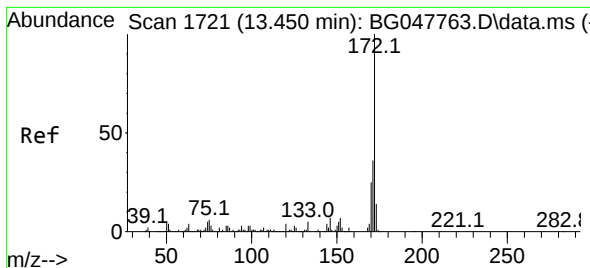
Tgt Ion:164 Resp: 81941
Ion Ratio Lower Upper
164 100
162 96.1 82.3 123.5
160 39.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 127.81 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

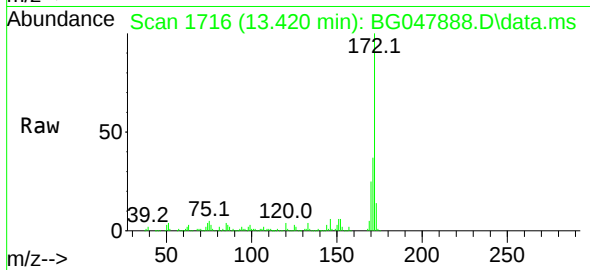
Tgt Ion:330 Resp: 178786
Ion Ratio Lower Upper
330 100
332 97.8 76.5 114.7
141 34.5 26.0 39.0



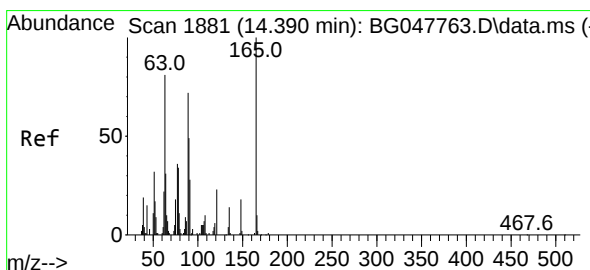
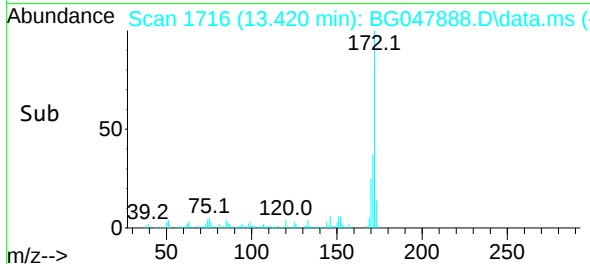
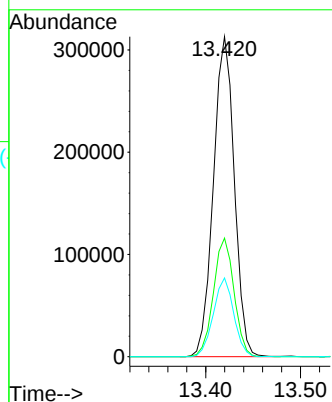


#45
2-Fluorobiphenyl
Concen: 75.71 ng
RT: 13.420 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Instrument :
BNA_G
ClientSampleId :
PB133991BL

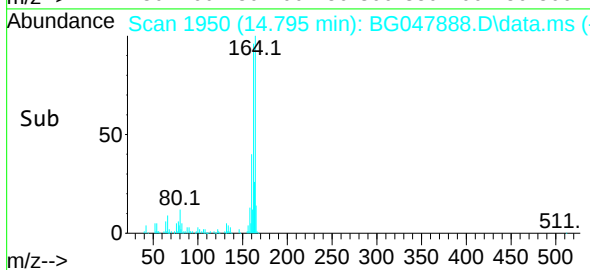
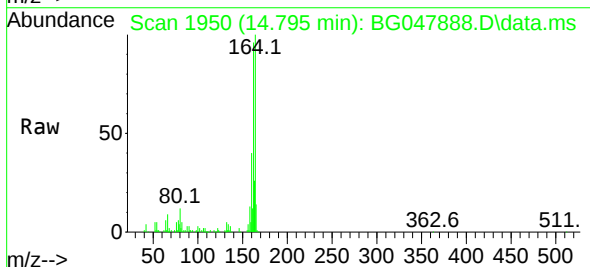
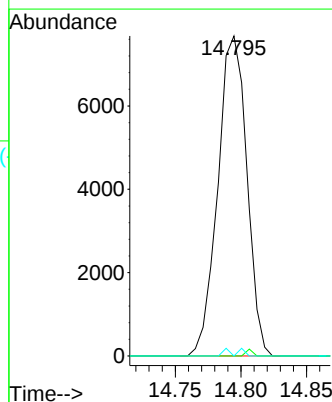


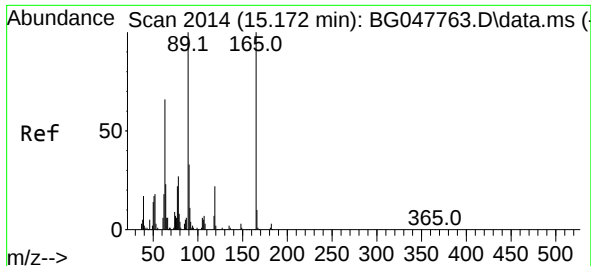
Tgt Ion:172 Resp: 479433
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 14.795 min Scan# 1950
Delta R.T. 0.434 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Tgt Ion:165 Resp: 11798
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

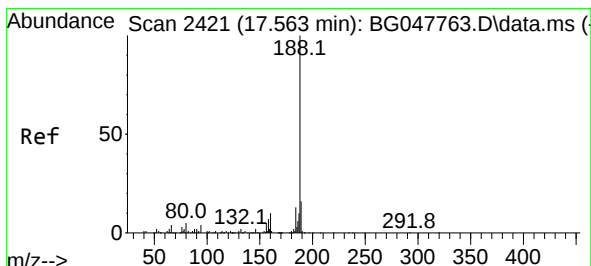
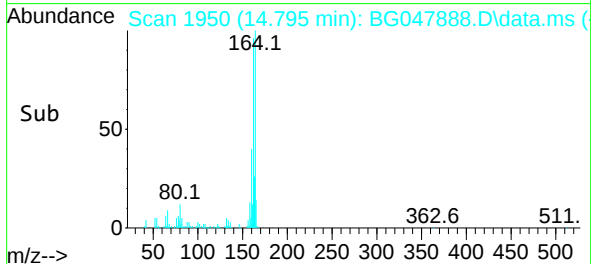
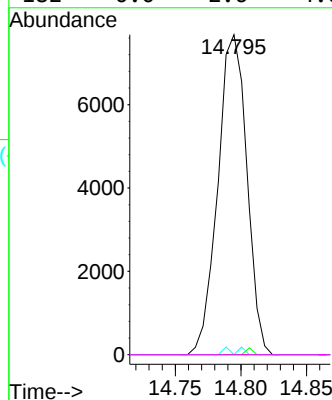
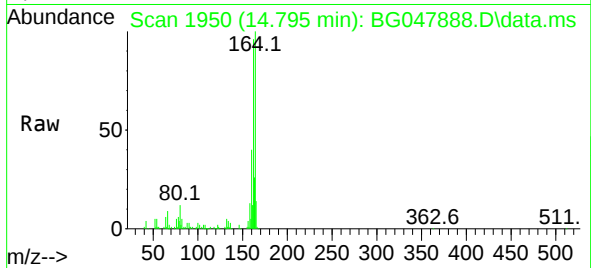




#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 14.795 min Scan# 1950
Delta R.T. -0.353 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

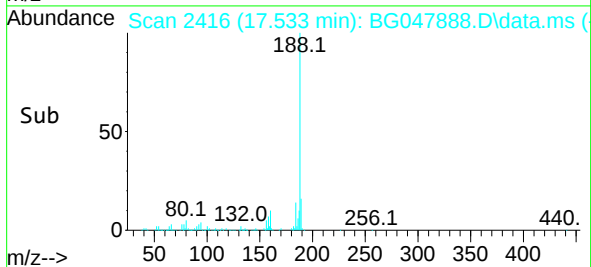
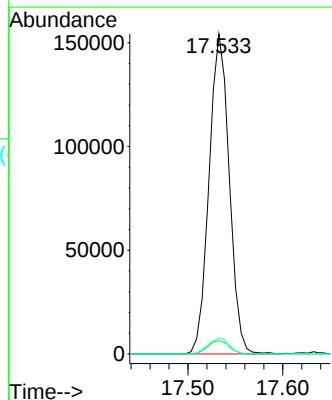
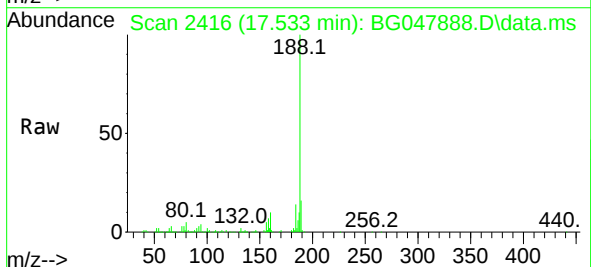
Instrument :
BNA_G
ClientSampleId :
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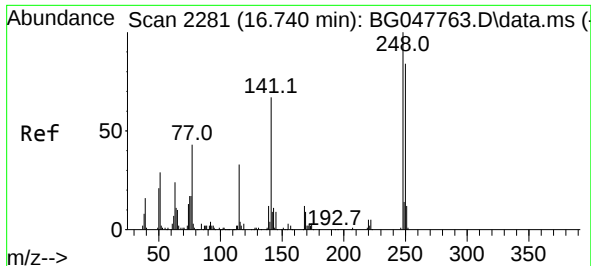
Tgt Ion:165 Resp: 11798
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Tgt Ion:188 Resp: 227852
Ion Ratio Lower Upper
188 100
94 4.2 6.3 9.5#
80 4.9 7.0 10.6#

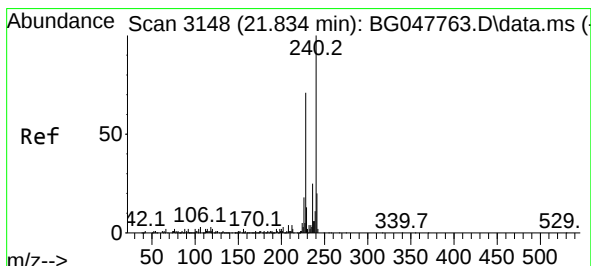
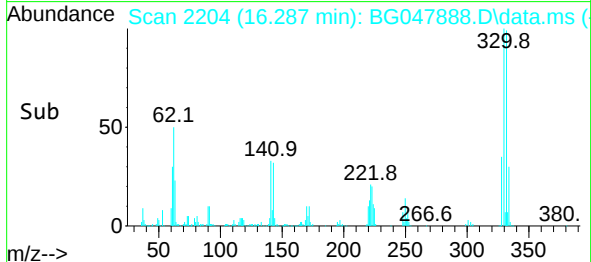
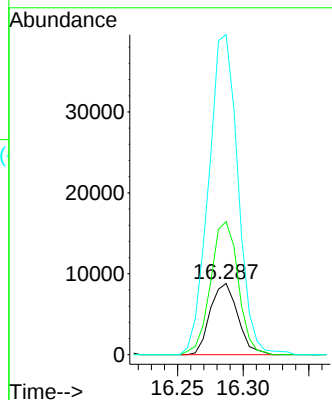
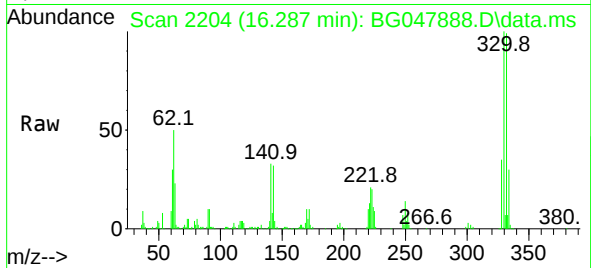




#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 16.287 min Scan# 2204
Delta R.T. -0.429 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

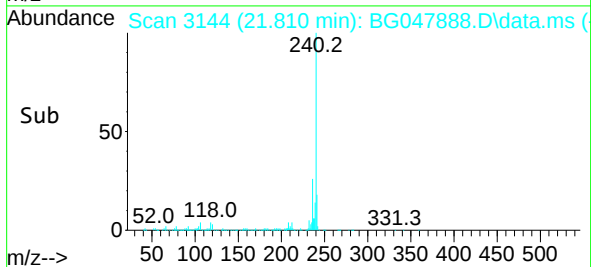
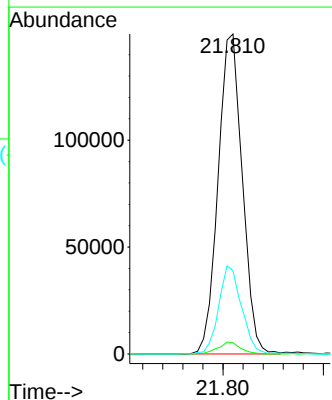
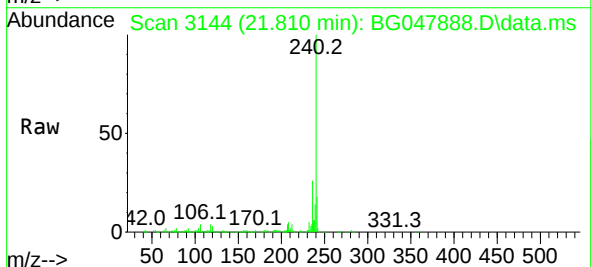
Instrument :
BNA_G
ClientSampleId :
PB133991BL

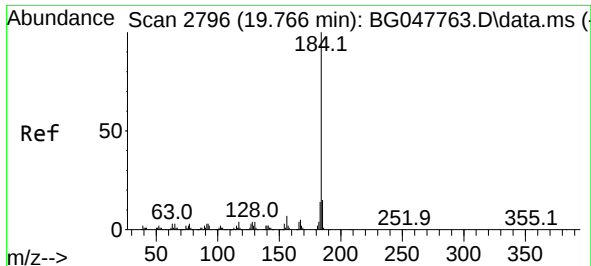
Tgt Ion:248 Resp: 12867
Ion Ratio Lower Upper
248 100
250 140.2 78.9 118.3#
141 337.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.810 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

Tgt Ion:240 Resp: 250196
Ion Ratio Lower Upper
240 100
120 3.5 6.2 9.4#
236 26.0 20.5 30.7

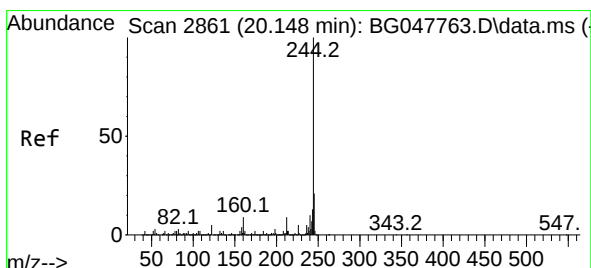
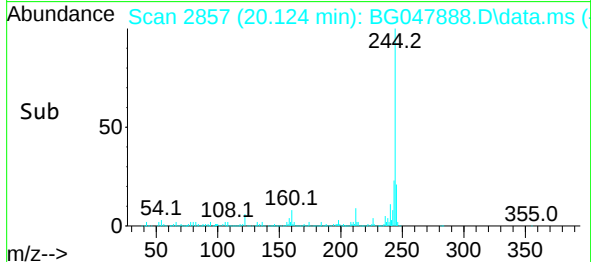
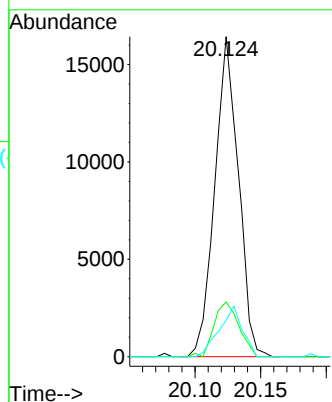
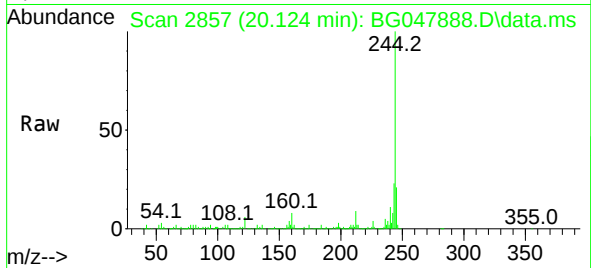




#77
Benzidine
Concen: 3.05 ng
RT: 20.124 min Scan# 2857
Delta R.T. 0.375 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

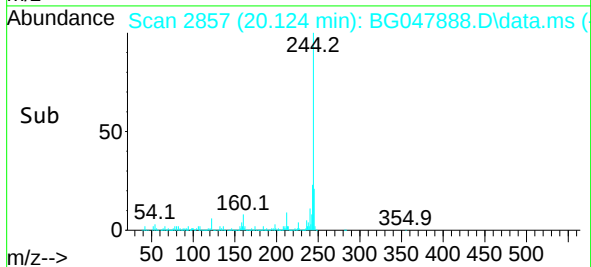
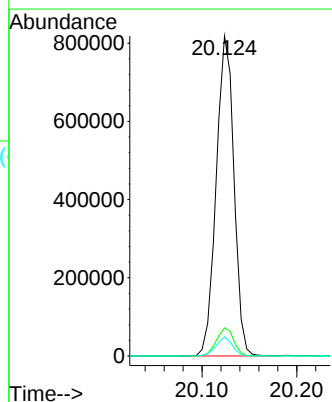
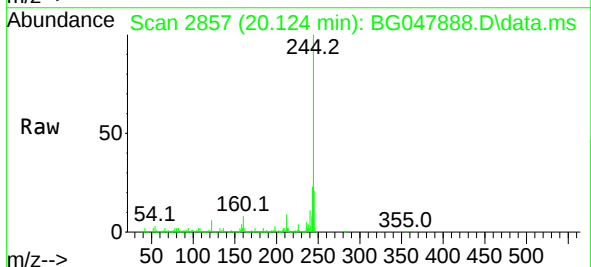
Instrument :
BNA_G
ClientSampleId :
PB133991BL

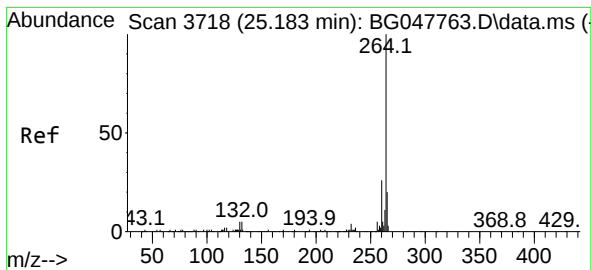
Tgt Ion:184 Resp: 20514
Ion Ratio Lower Upper
184 100
185 17.1 12.4 18.6
183 11.4 10.6 15.8



#79
Terphenyl-d14
Concen: 70.09 ng
RT: 20.124 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG047888.D
Acq: 8 Jan 2021 16:04

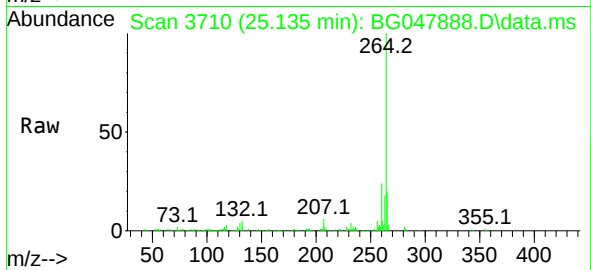
Tgt Ion:244 Resp: 1064205
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 6.0 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.135 min Scan# 3710
 Delta R.T. -0.001 min
 Lab File: BG047888.D
 Acq: 8 Jan 2021 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB133991BL



Tgt Ion:264 Resp: 235766

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	19.7	17.8	26.8

