

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020921\
 Data File : BG048121.D
 Acq On : 9 Feb 2021 14:09
 Operator : CG/JU
 Sample : PB134329BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134329BL

Quant Time: Feb 09 15:45:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 09 14:29:17 2021
 Response via : Initial Calibration

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

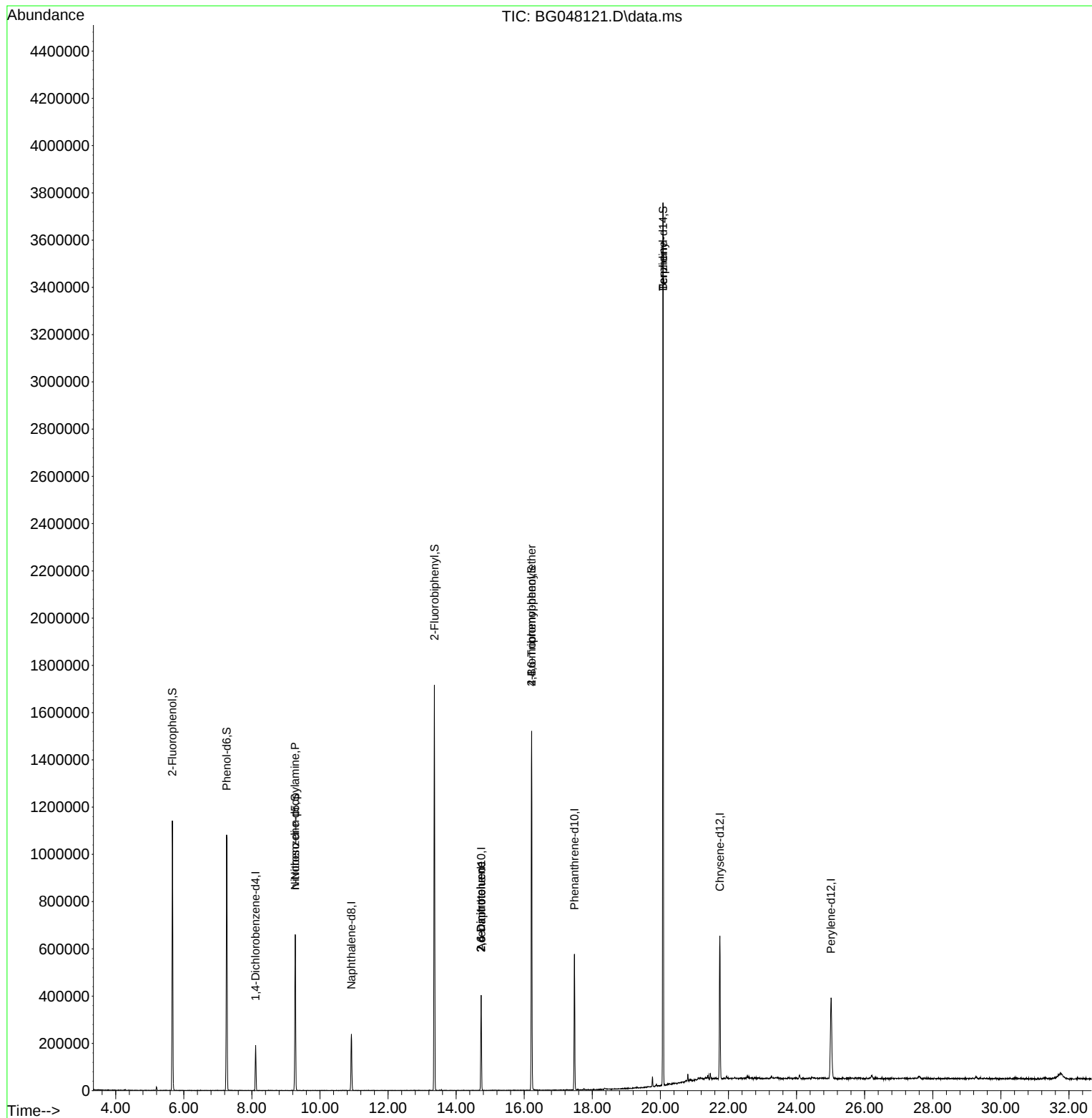
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	50511	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	195244	20.00	ng	0.00
39) Acenaphthene-d10	14.737	164	139405	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	356041	20.00	ng	# 0.00
76) Chrysene-d12	21.746	240	395139	20.00	ng	# 0.00
86) Perylene-d12	25.013	264	378892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	442567	134.65	ng	0.00
7) Phenol-d6	7.257	99	586359	117.34	ng	0.00
23) Nitrobenzene-d5	9.273	82	402552	81.58	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	285819	123.10	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	883522	81.94	ng	0.00
79) Terphenyl-d14	20.078	244	1598133	70.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.273	70	57045	15.64	ng	# 75
51) 2,6-Dinitrotoluene	14.731	165	16912	6.45	ng	# 33
57) 2,4-Dinitrotoluene	14.731	165	16912	4.46	ng	# 32
67) 4-Bromophenyl-phenylether	16.217	248	19744	4.15	ng	# 1
77) Benzidine	20.078	184	29334	2.57	ng	96

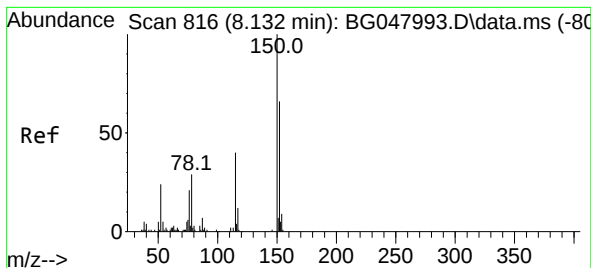
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

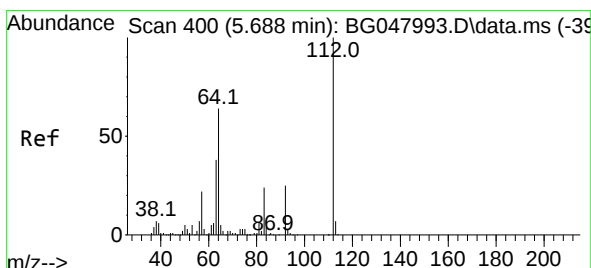
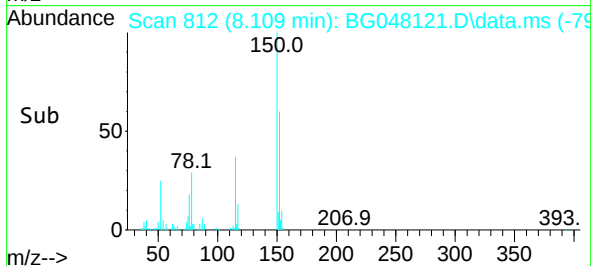
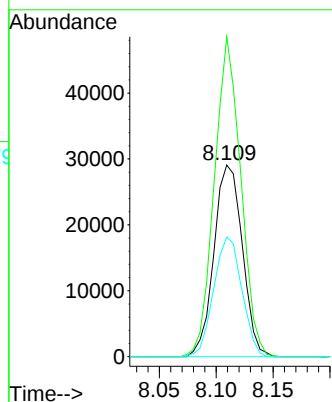
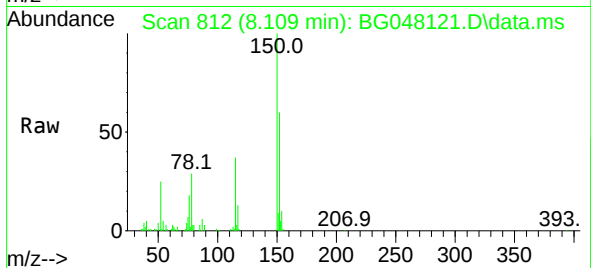




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

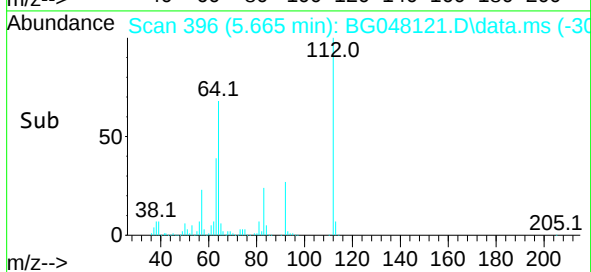
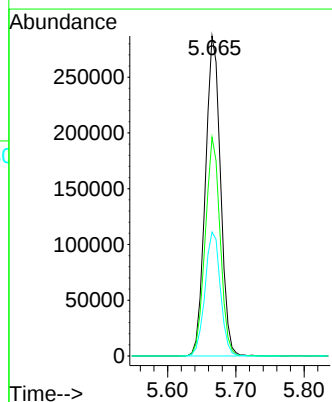
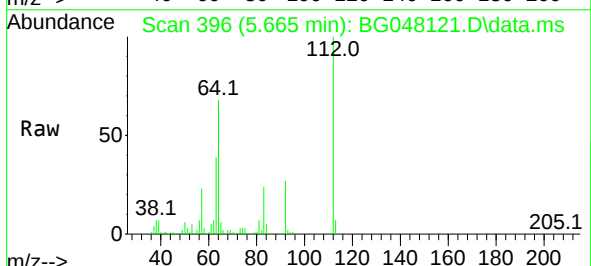
Instrument :
BNA_G
ClientSampleId :
PB134329BL

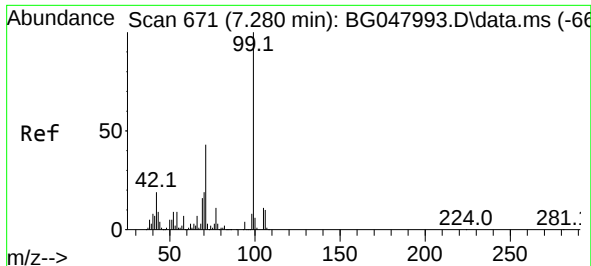
Tgt Ion:152 Resp: 50511
Ion Ratio Lower Upper
152 100
150 166.9 125.0 187.6
115 62.4 41.8 62.6



#5
2-Fluorophenol
Concen: 134.65 ng
RT: 5.665 min Scan# 396
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:112 Resp: 442567
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 38.8 22.8 34.2#

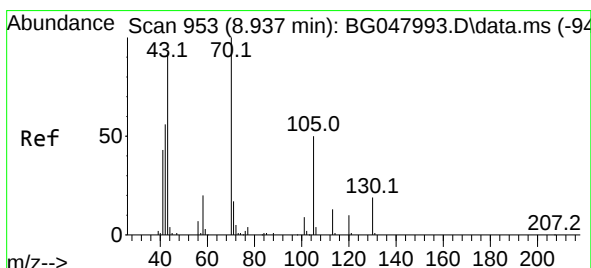
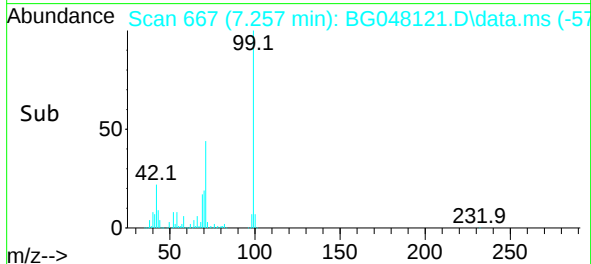
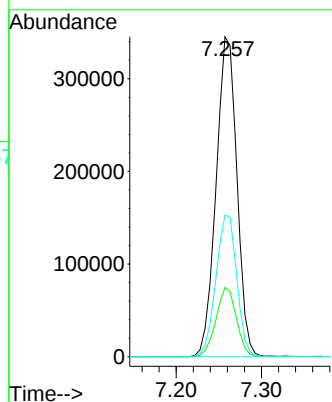
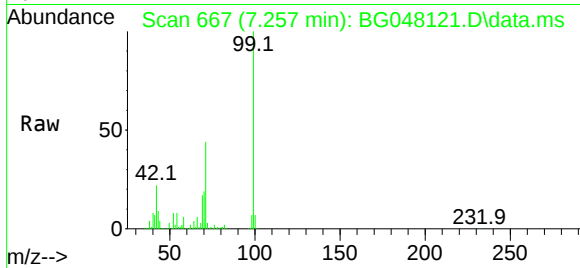




#7
Phenol-d6
Concen: 117.34 ng
RT: 7.257 min Scan# 667
Delta R.T. -0.005 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

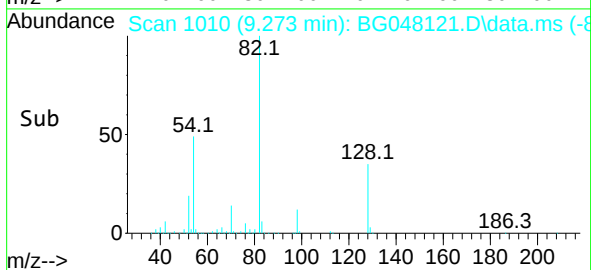
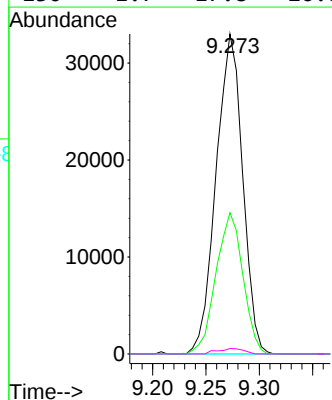
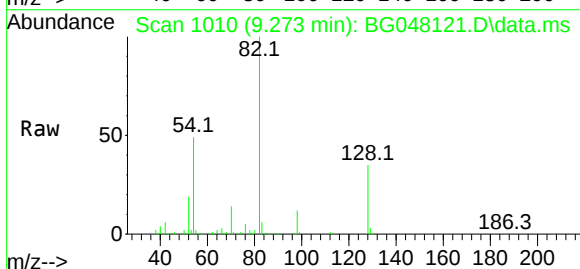
Instrument :
BNA_G
ClientSampleId :
PB134329BL

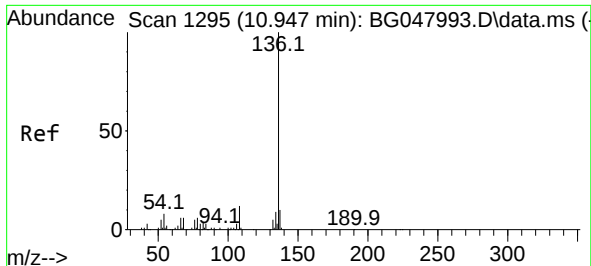
Tgt Ion: 99 Resp: 586359
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 44.3 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion: 70 Resp: 57045
Ion Ratio Lower Upper
70 100
42 44.2 45.6 68.4#
101 0.0 8.4 12.6#
130 1.7 17.8 26.8#



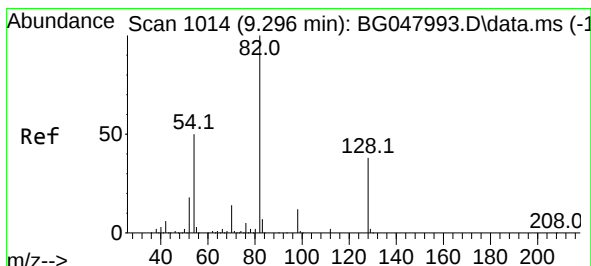
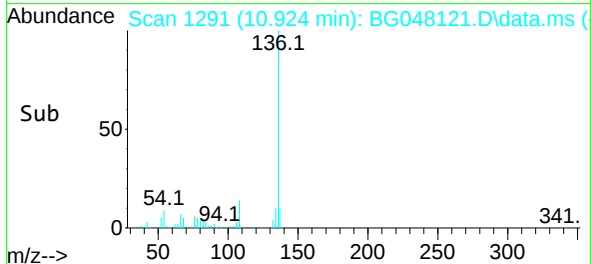
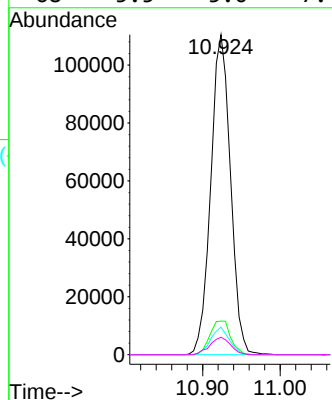
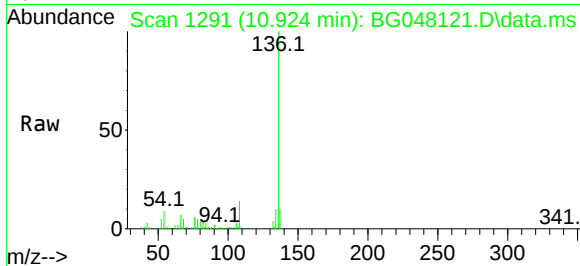


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Instrument :
BNA_G
ClientSampleId :
PB134329BL

Tgt Ion:136 Resp: 195244

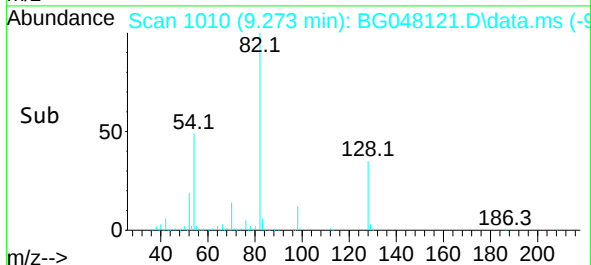
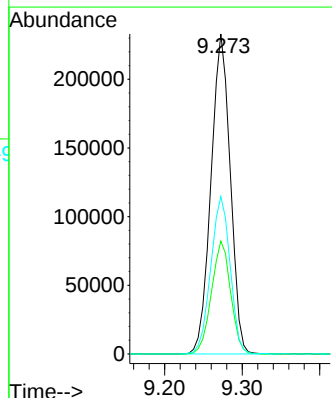
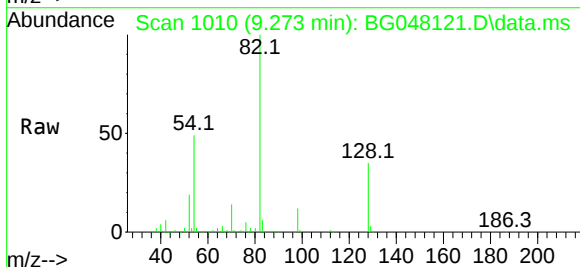
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.6	6.2	9.4
68	5.5	5.0	7.4

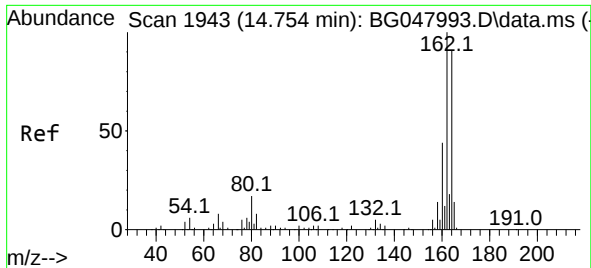


#23
Nitrobenzene-d5
Concen: 81.58 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion: 82 Resp: 402552

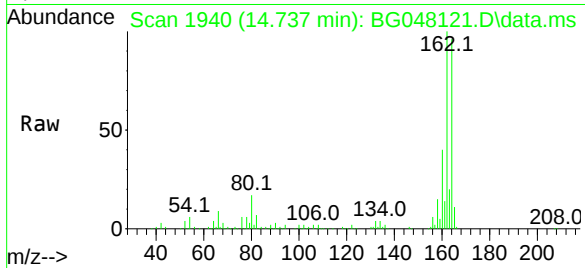
Ion	Ratio	Lower	Upper
82	100		
128	35.3	37.0	55.6#
54	49.2	39.0	58.4



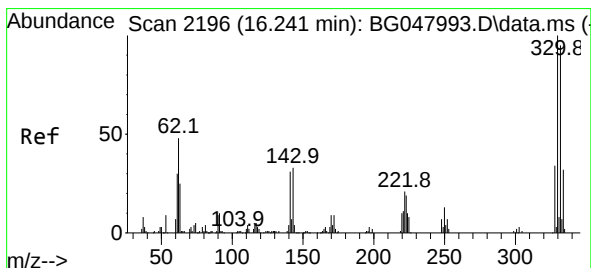
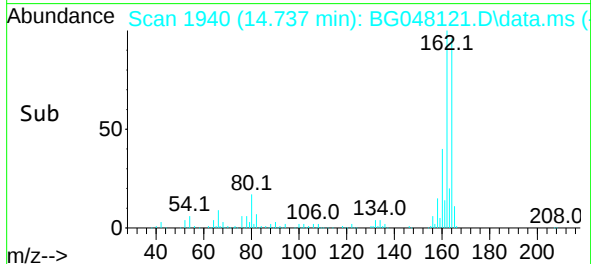
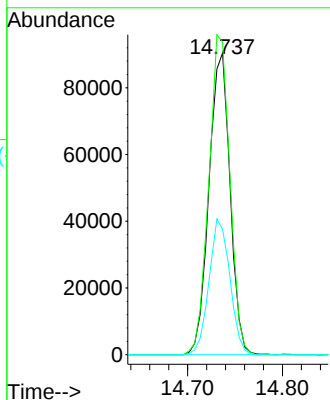


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Instrument :
BNA_G
ClientSampleId :
PB134329BL

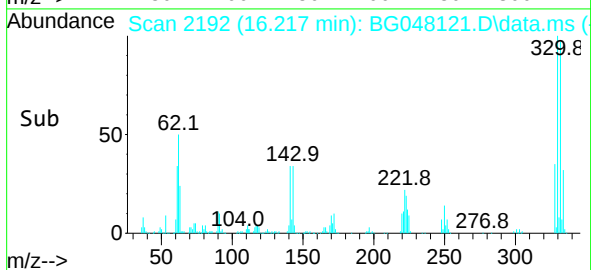
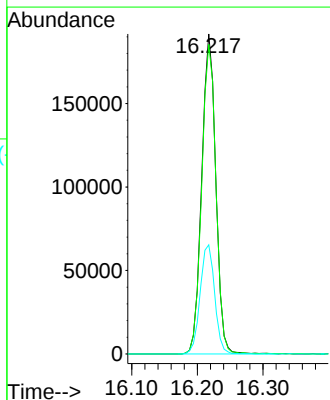
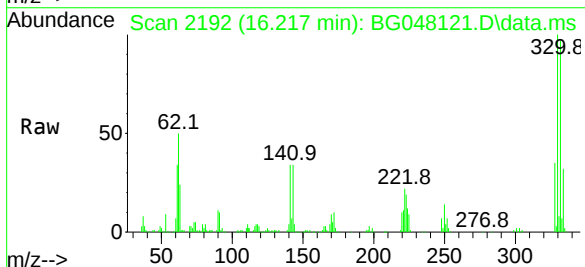


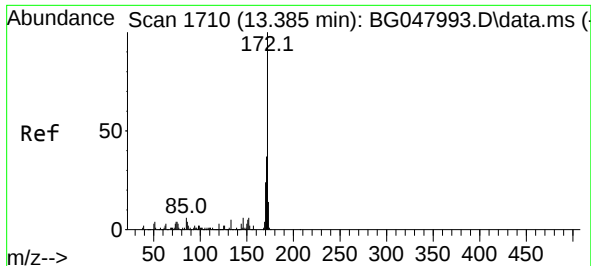
Tgt Ion:164 Resp: 139405
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 41.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 123.10 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:330 Resp: 285819
Ion Ratio Lower Upper
330 100
332 98.1 76.5 114.7
141 35.4 26.0 39.0

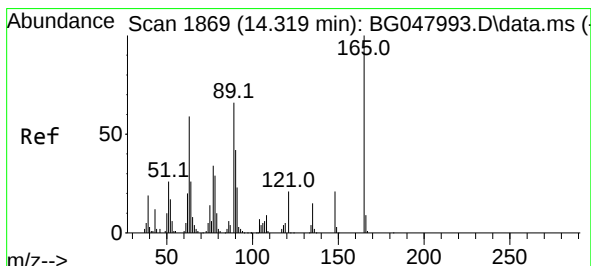
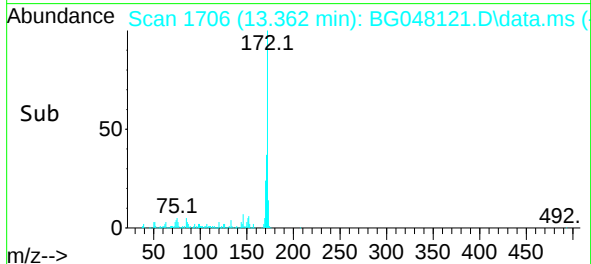
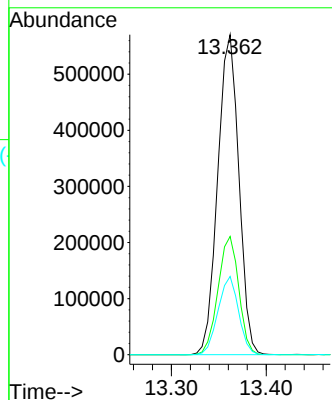
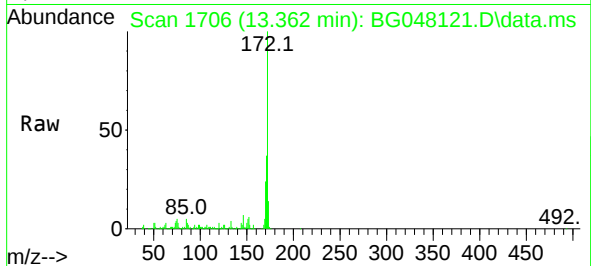




#45
2-Fluorobiphenyl
Concen: 81.94 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

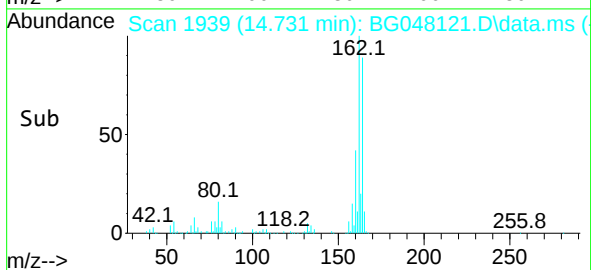
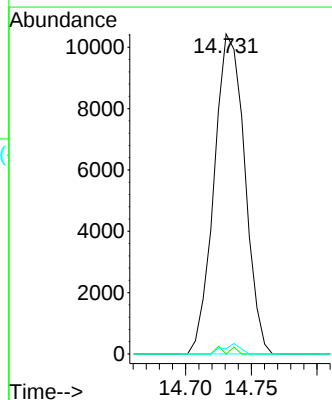
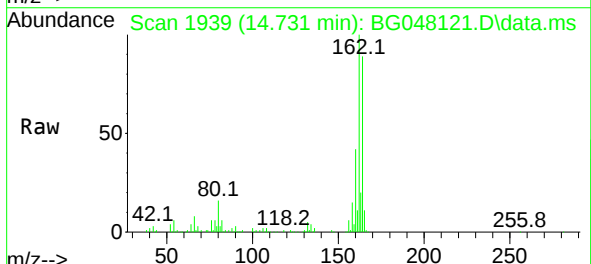
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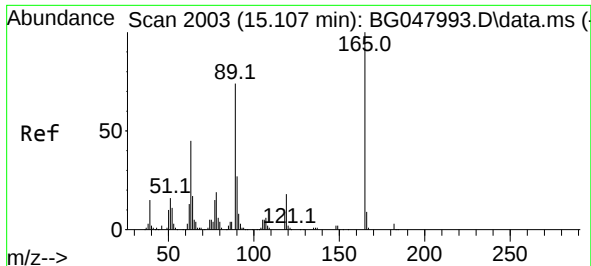
Tgt Ion:172 Resp: 883522
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.45 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:165 Resp: 16912
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.6 36.6 54.8#

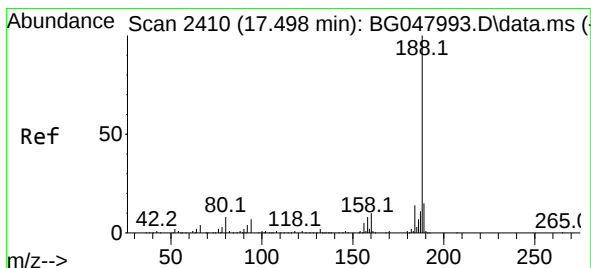
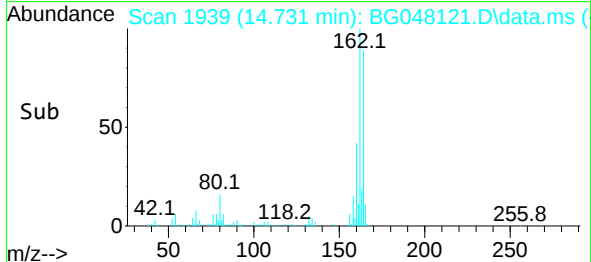
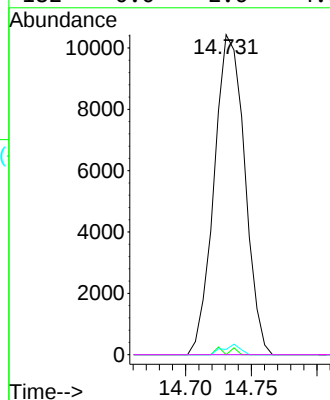
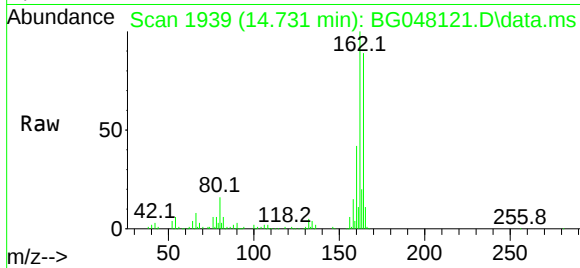




#57
2,4-Dinitrotoluene
Concen: 4.46 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

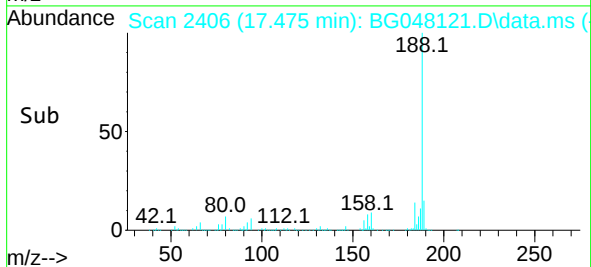
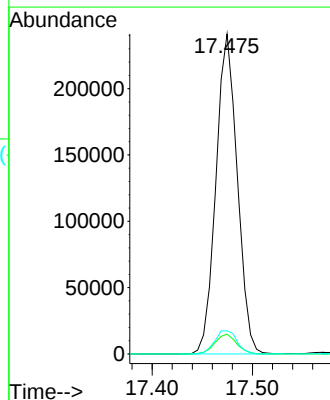
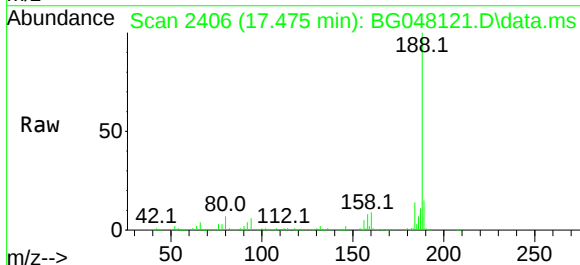
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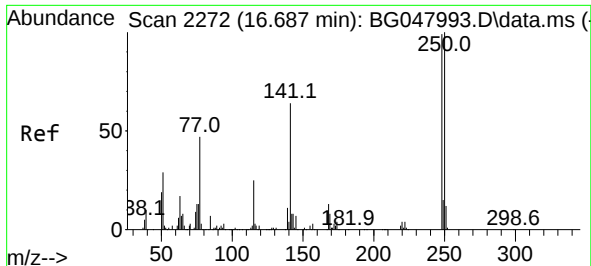
Tgt Ion:165 Resp: 16912
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:188 Resp: 356041
Ion Ratio Lower Upper
188 100
94 6.2 6.3 9.5#
80 7.2 7.0 10.6

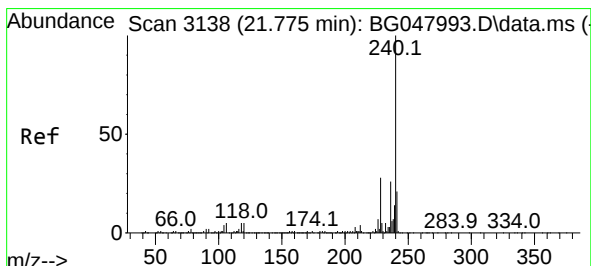
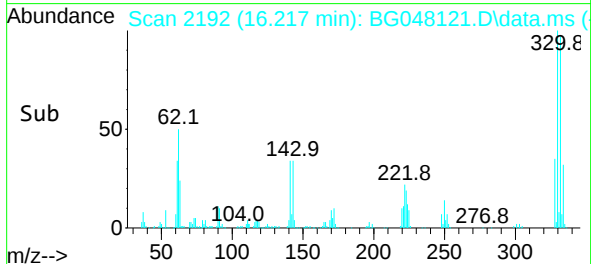
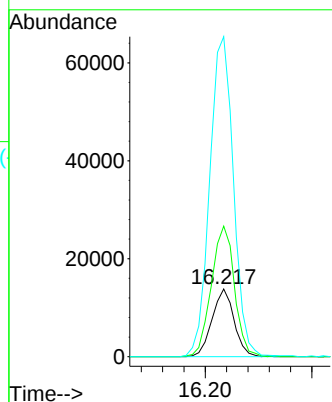
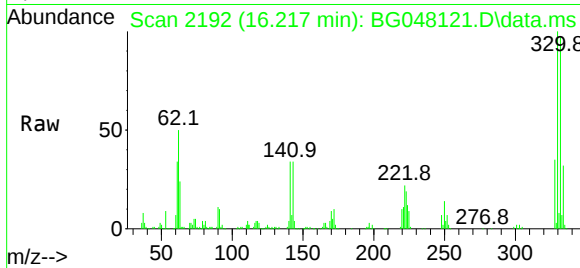




#67
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

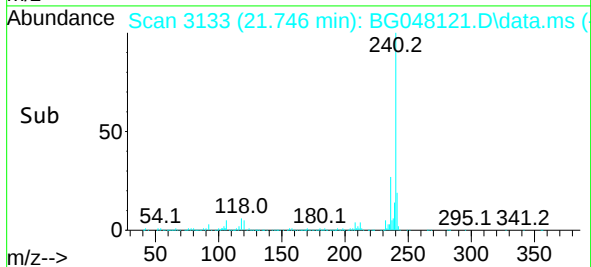
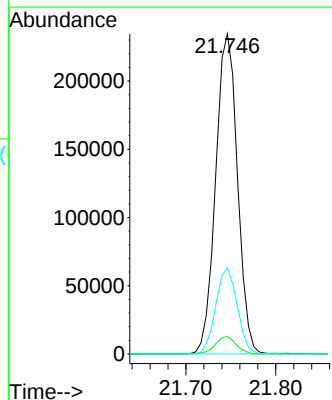
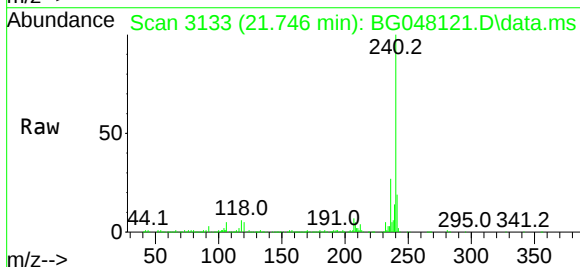
Instrument :
BNA_G
ClientSampleId :
PB134329BL

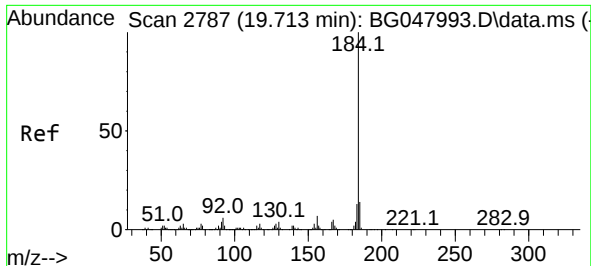
Tgt Ion:248 Resp: 19744
Ion Ratio Lower Upper
248 100
250 193.0 78.9 118.3#
141 472.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:240 Resp: 395139
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.9 20.5 30.7

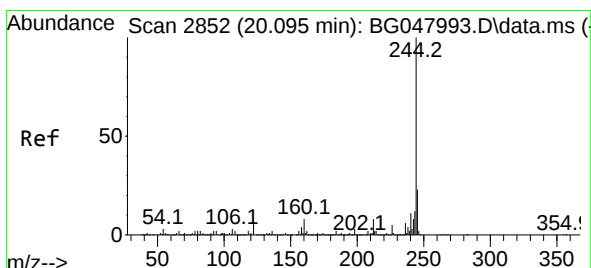
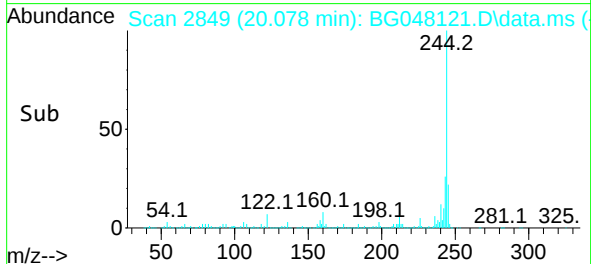
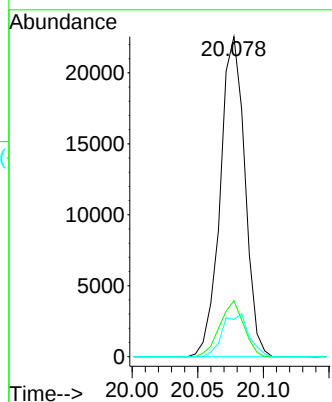
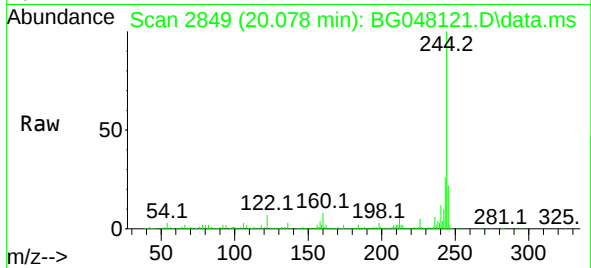




#77
Benzidine
Concen: 2.57 ng
RT: 20.078 min Scan# 2849
Delta R.T. 0.383 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

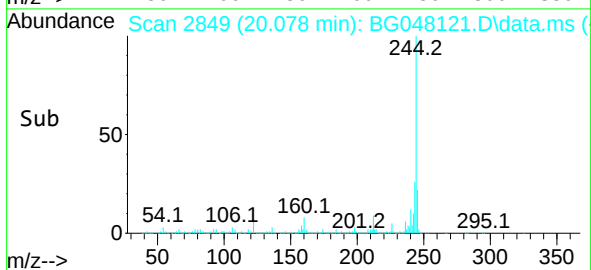
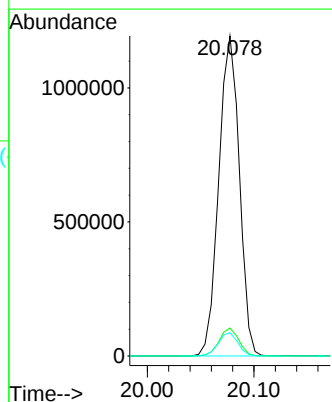
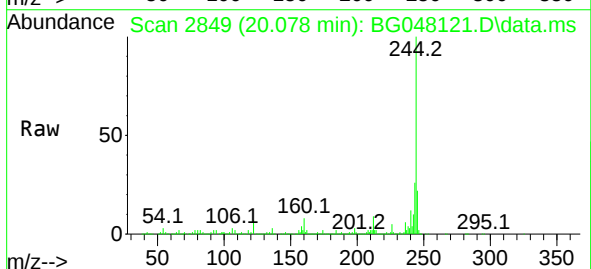
Instrument :
BNA_G
ClientSampleId :
PB134329BL

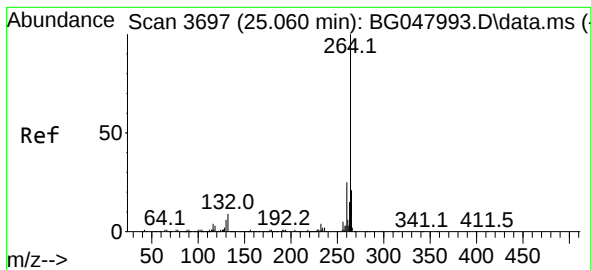
Tgt Ion:184 Resp: 29334
Ion Ratio Lower Upper
184 100
185 17.5 12.4 18.6
183 11.6 10.6 15.8



#79
Terphenyl-d14
Concen: 70.12 ng
RT: 20.078 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG048121.D
Acq: 9 Feb 2021 14:09

Tgt Ion:244 Resp: 1598133
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.013 min Scan# 3689
 Delta R.T. 0.001 min
 Lab File: BG048121.D
 Acq: 9 Feb 2021 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB134329BL

Tgt Ion:264 Resp: 378892
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 20.5 17.8 26.8

