

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048056.D
 Acq On : 28 Jan 2021 13:25
 Operator : CG/JU
 Sample : PB134300BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134300BL

Quant Time: Jan 28 15:25:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

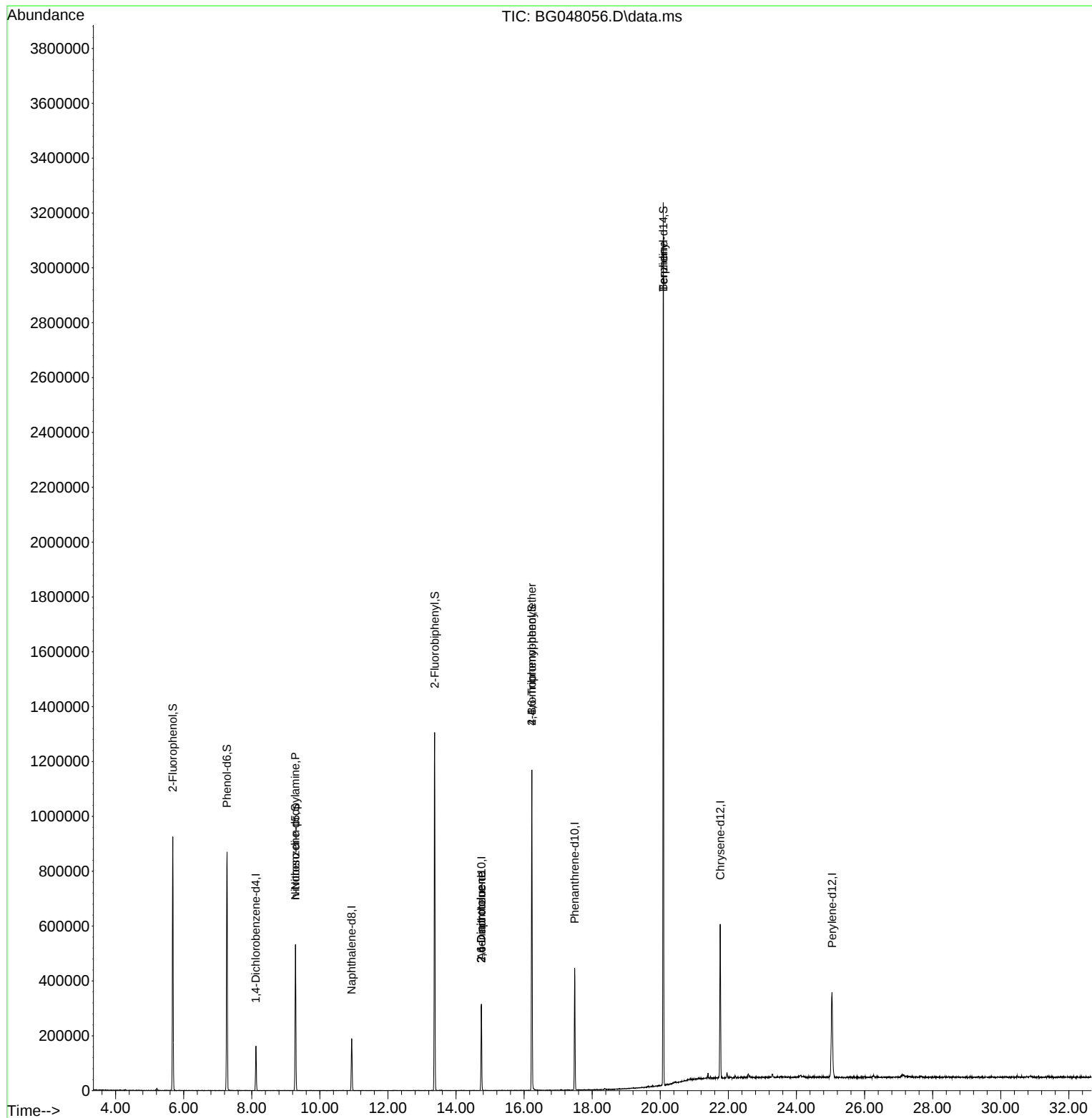
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	43304	20.00	ng	-0.01
21) Naphthalene-d8	10.933	136	156782	20.00	ng	-0.01
39) Acenaphthene-d10	14.746	164	108148	20.00	ng	0.00
64) Phenanthrene-d10	17.484	188	274605	20.00	ng	#-0.01
76) Chrysene-d12	21.762	240	356295	20.00	ng	#-0.01
86) Perylene-d12	25.046	264	343814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	358842	127.35	ng	0.00
7) Phenol-d6	7.273	99	468580	109.38	ng	0.00
23) Nitrobenzene-d5	9.282	82	318693	80.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.227	330	223689	124.19	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	684660	81.85	ng	-0.01
79) Terphenyl-d14	20.087	244	1431008	69.64	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.282	70	45067	14.41	ng	# 72
51) 2,6-Dinitrotoluene	14.740	165	14234	7.00	ng	# 32
57) 2,4-Dinitrotoluene	14.740	165	14234	4.84	ng	# 30
67) 4-Bromophenyl-phenylether	16.227	248	15338	4.18	ng	# 1
77) Benzidine	20.087	184	25217	2.45	ng	97

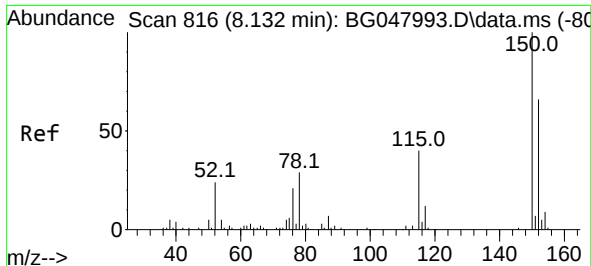
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

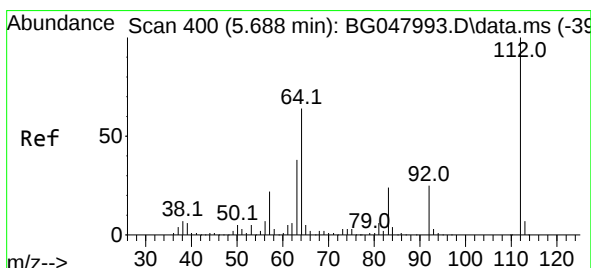
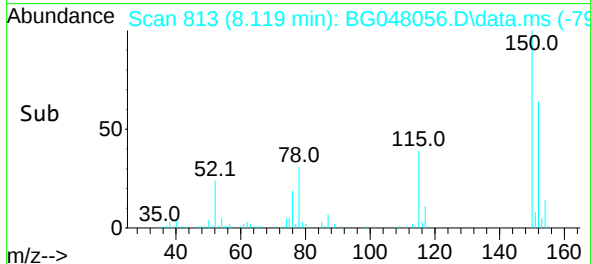
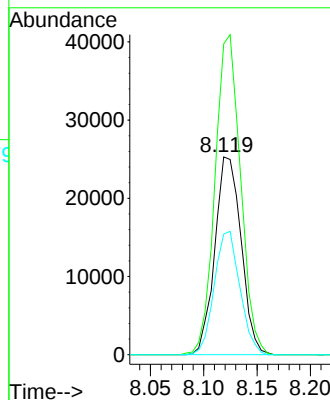
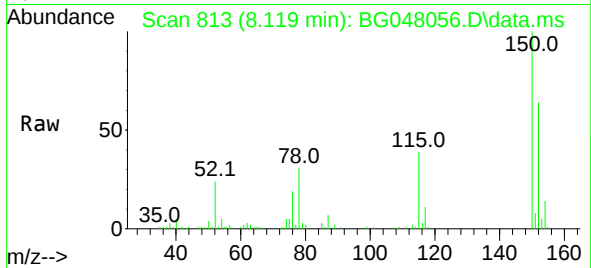




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.119 min Scan# 813
Delta R.T. -0.013 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

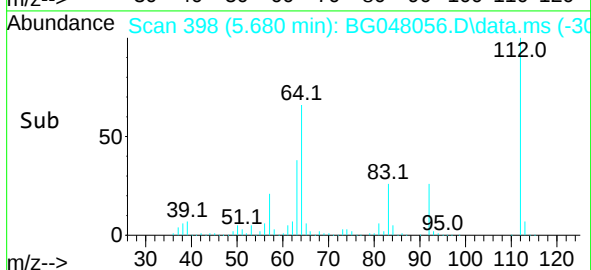
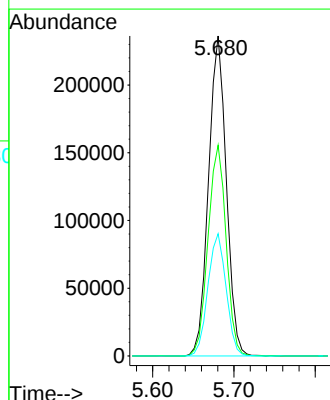
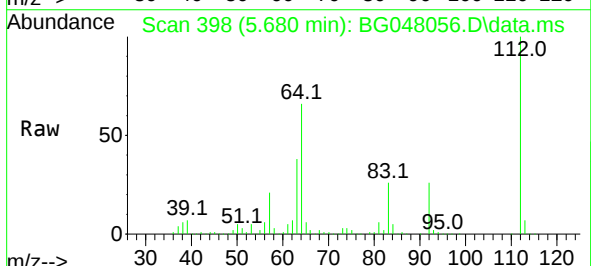
Instrument :
BNA_G
ClientSampleID :
PB134300BL

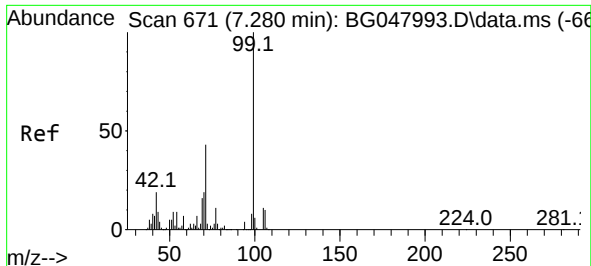
Tgt Ion:152 Resp: 43304
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 61.0 41.8 62.6



#5
2-Fluorophenol
Concen: 127.35 ng
RT: 5.680 min Scan# 398
Delta R.T. -0.008 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:112 Resp: 358842
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 38.2 22.8 34.2#

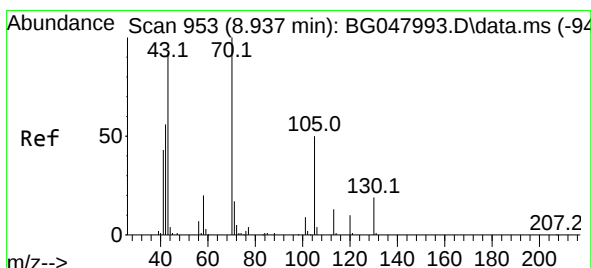
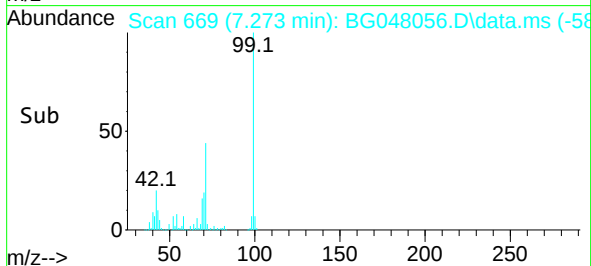
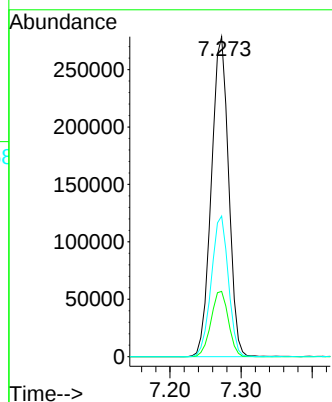
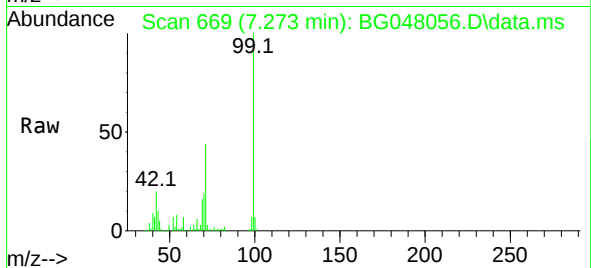




#7
Phenol-d6
Concen: 109.38 ng
RT: 7.273 min Scan# 669
Delta R.T. -0.008 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

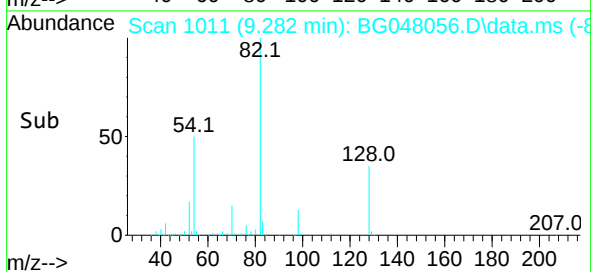
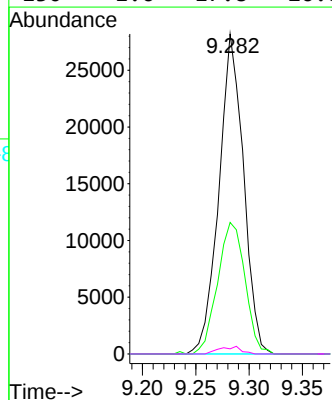
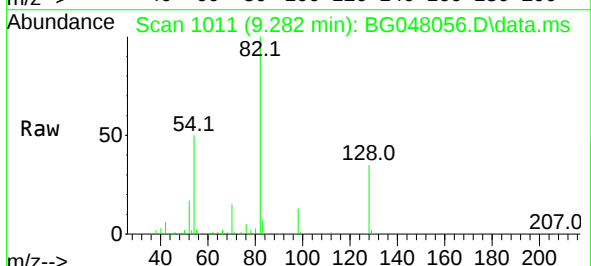
Instrument :
BNA_G
ClientSampleId :
PB134300BL

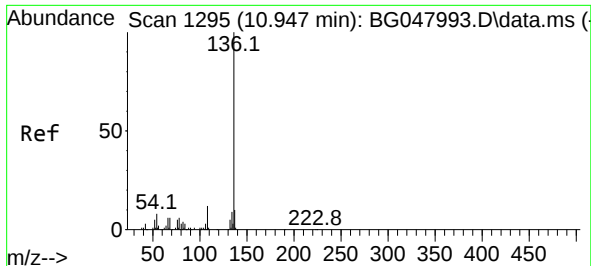
Tgt Ion: 99 Resp: 468580
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 44.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.41 ng
RT: 9.282 min Scan# 1011
Delta R.T. 0.345 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion: 70 Resp: 45067
Ion Ratio Lower Upper
70 100
42 41.1 45.6 68.4#
101 0.0 8.4 12.6#
130 1.6 17.8 26.8#

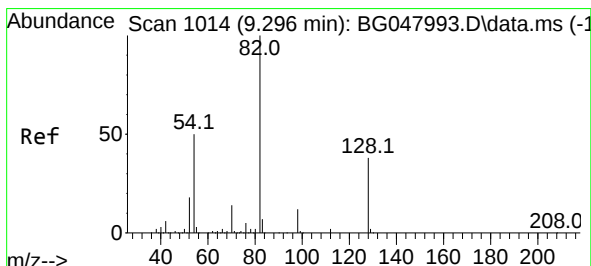
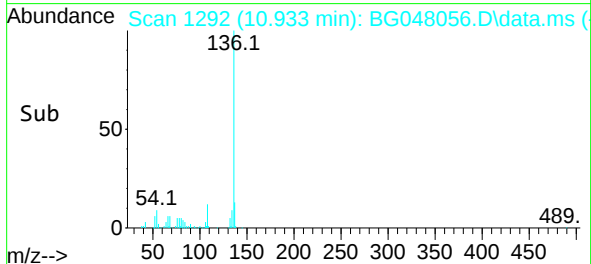
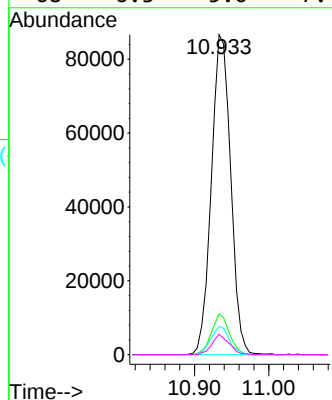
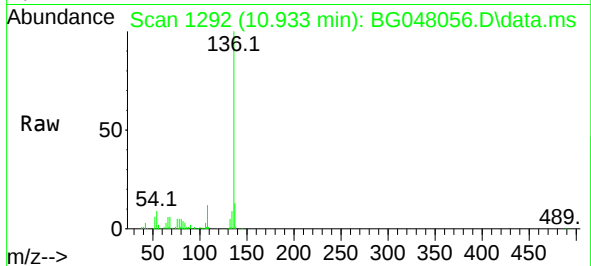




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.933 min Scan# 1292
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

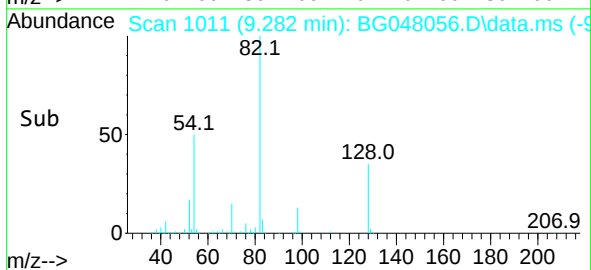
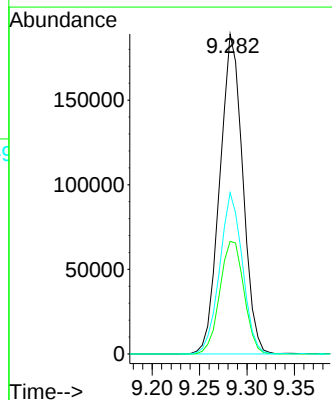
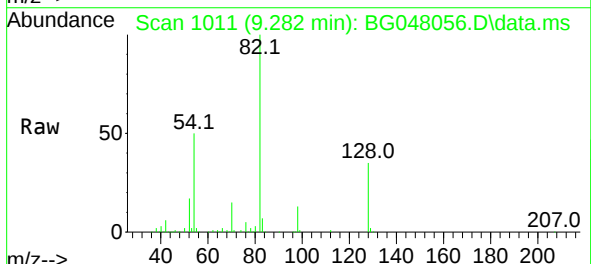
Instrument :
BNA_G
ClientSampleId :
PB134300BL

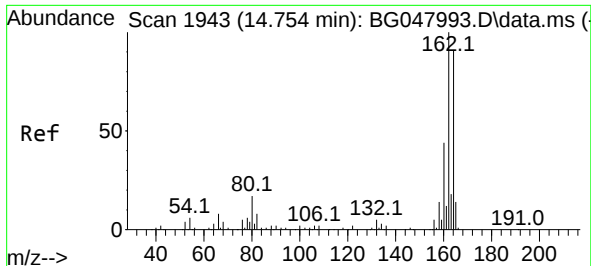
Tgt Ion:	136	Resp:	156782
Ion Ratio	Lower	Upper	
136	100		
137	12.7	9.1	13.7
54	8.8	6.2	9.4
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.43 ng
RT: 9.282 min Scan# 1011
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

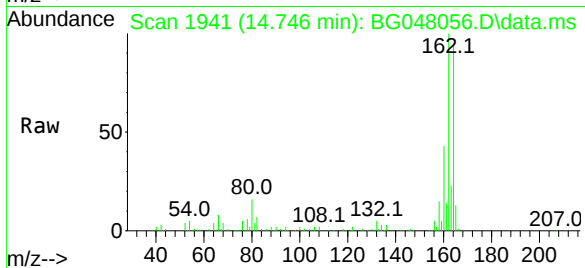
Tgt Ion:	82	Resp:	318693
Ion Ratio	Lower	Upper	
82	100		
128	35.2	37.0	55.6#
54	50.4	39.0	58.4



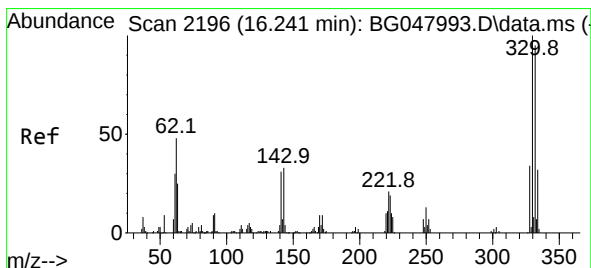
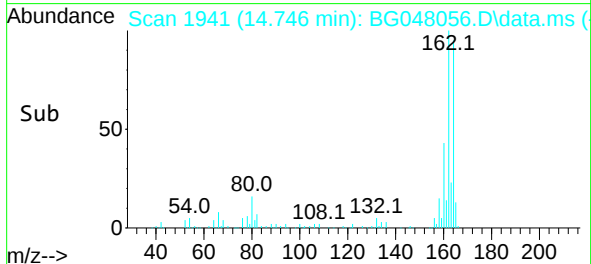
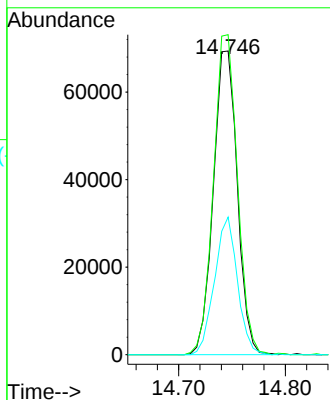


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.746 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Instrument :
BNA_G
ClientSampleId :
PB134300BL

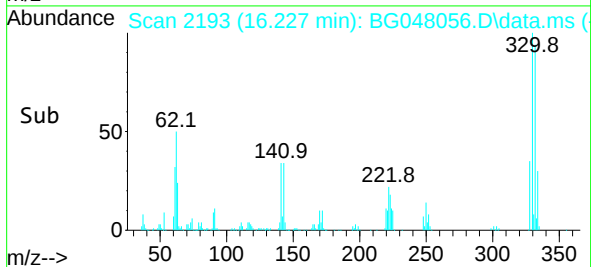
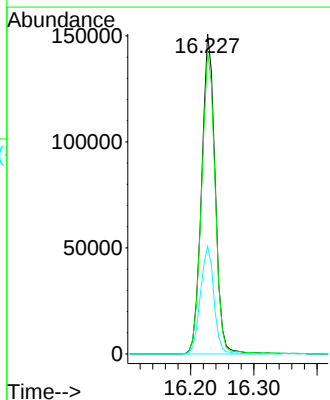
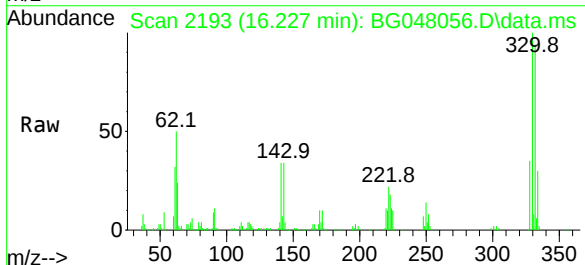


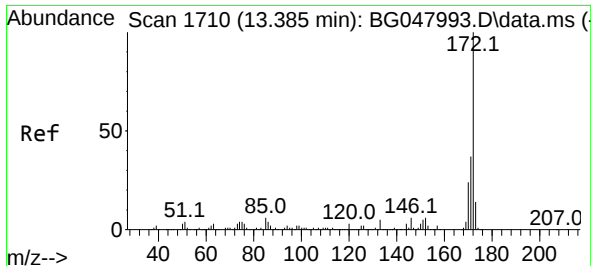
Tgt Ion:164 Resp: 108148
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 45.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.19 ng
RT: 16.227 min Scan# 2193
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:330 Resp: 223689
Ion Ratio Lower Upper
330 100
332 95.1 76.5 114.7
141 33.7 26.0 39.0

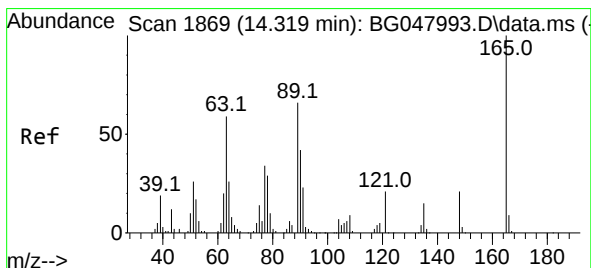
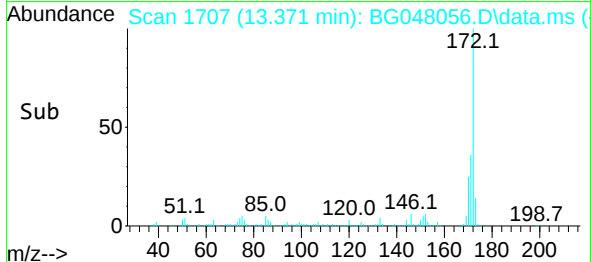
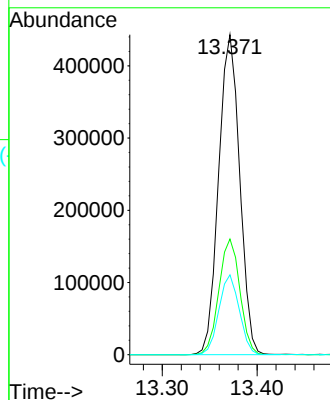
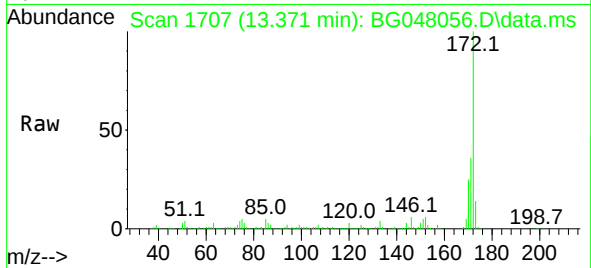




#45
2-Fluorobiphenyl
Concen: 81.85 ng
RT: 13.371 min Scan# 1707
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

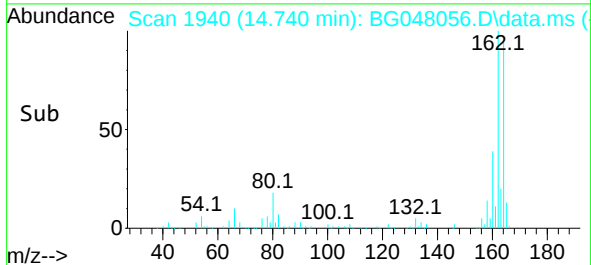
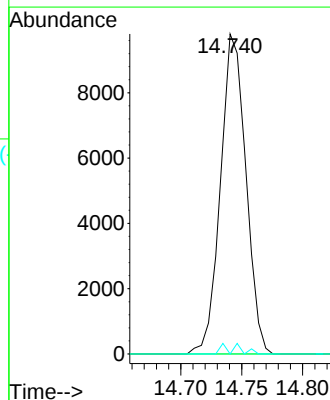
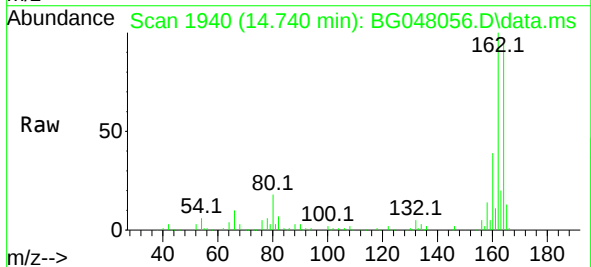
Instrument :
BNA_G
ClientSampled :
PB134300BL

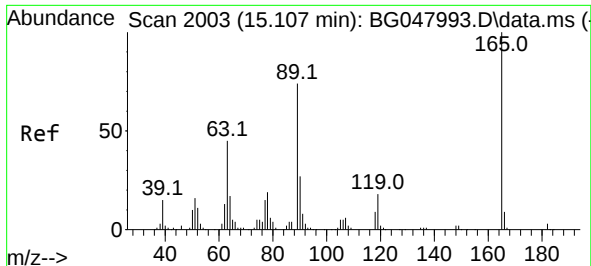
Tgt Ion:172 Resp: 684660
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 25.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 14.740 min Scan# 1940
Delta R.T. 0.421 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:165 Resp: 14234
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

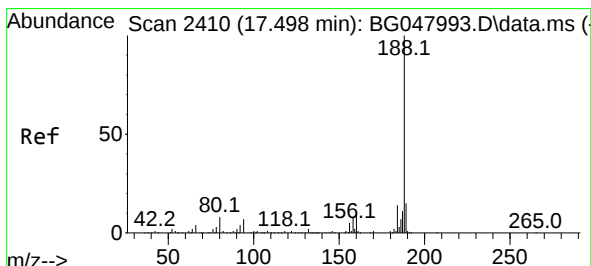
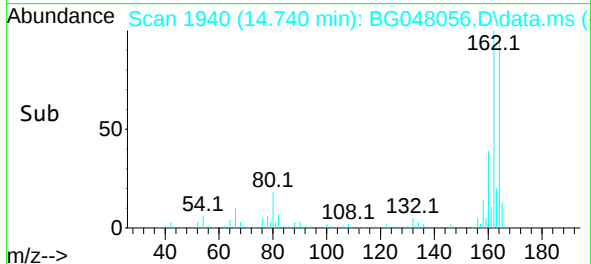
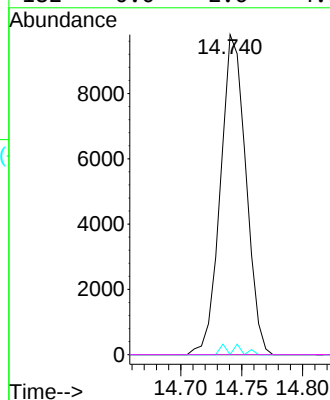
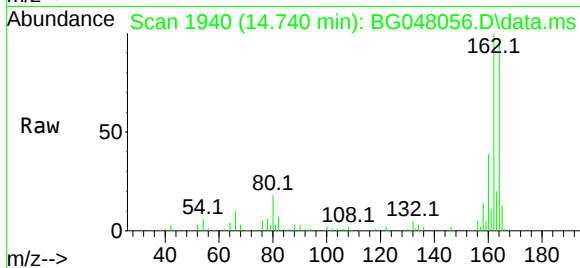




#57
2,4-Dinitrotoluene
Concen: 4.84 ng
RT: 14.740 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

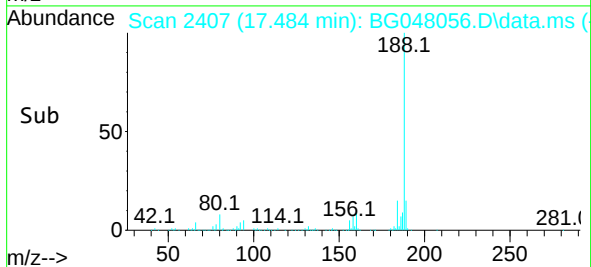
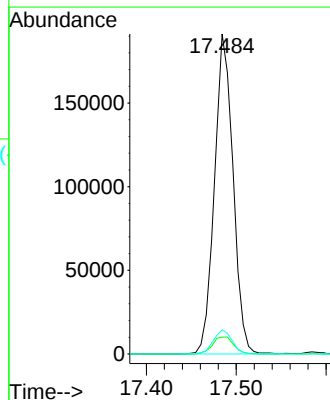
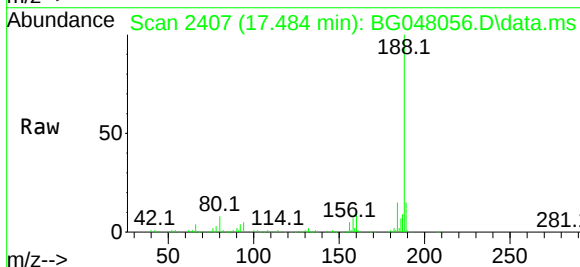
Instrument :
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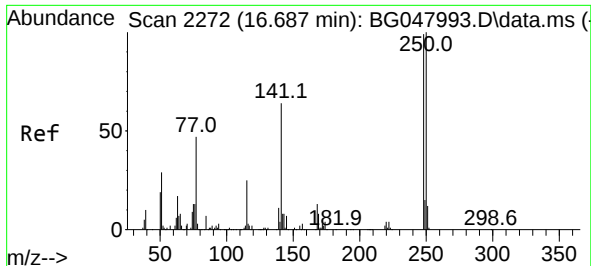
Tgt Ion:165	Resp:	14234
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4 39.6#
89	0.0	47.8 71.8#
182	0.0	2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.484 min Scan# 2407
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:188	Resp:	274605
Ion Ratio	Lower	Upper
188	100	
94	5.3	6.3 9.5#
80	7.5	7.0 10.6

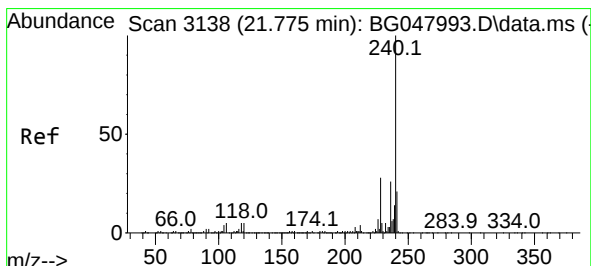
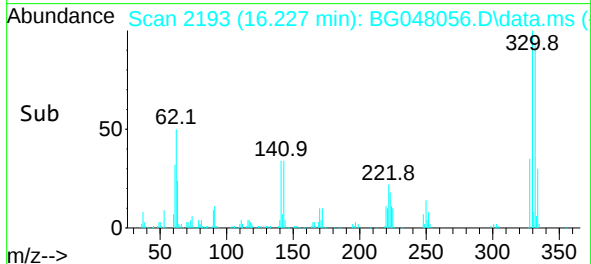
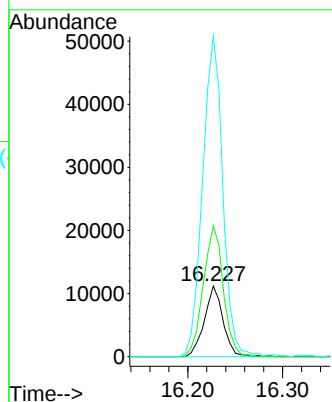
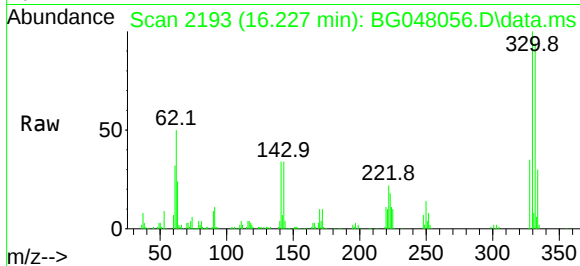




#67
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 16.227 min Scan# 2193
Delta R.T. -0.460 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

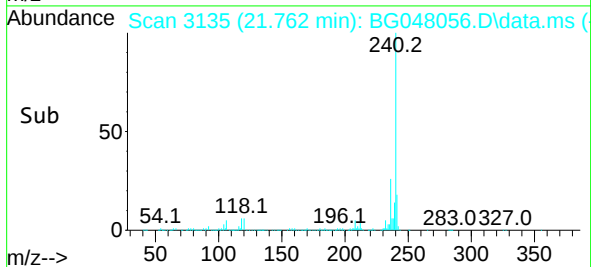
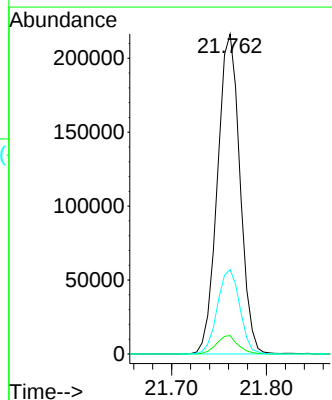
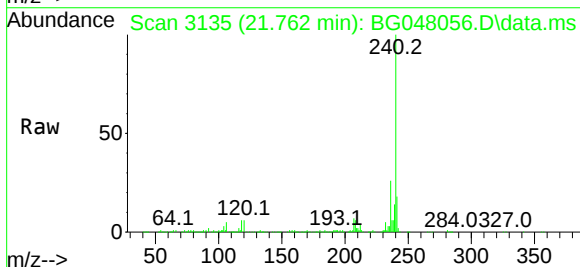
Instrument :
BNA_G
ClientSampled :
PB134300BL

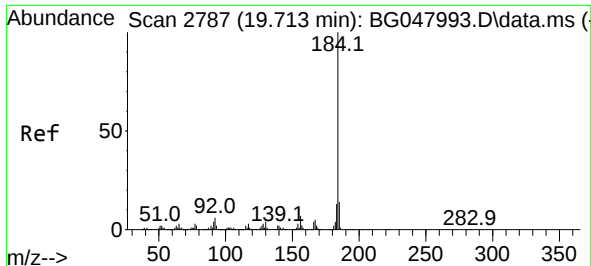
Tgt Ion:248 Resp: 15338
Ion Ratio Lower Upper
248 100
250 185.2 78.9 118.3#
141 453.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:240 Resp: 356295
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.4 20.5 30.7

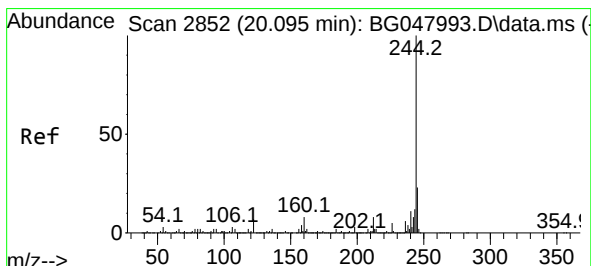
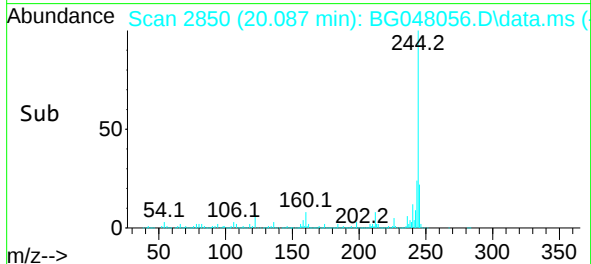
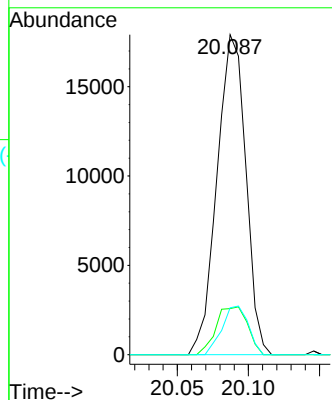
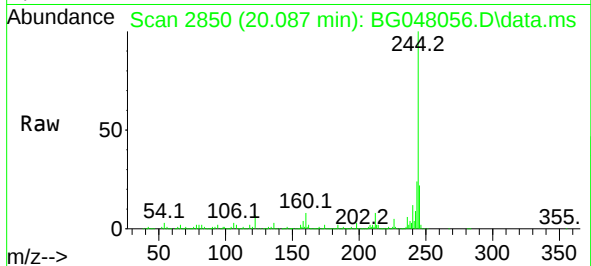




#77
Benzidine
Concen: 2.45 ng
RT: 20.087 min Scan# 2850
Delta R.T. 0.374 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

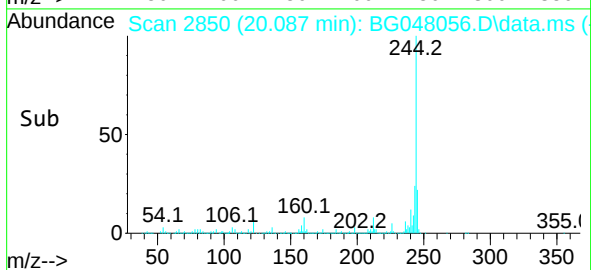
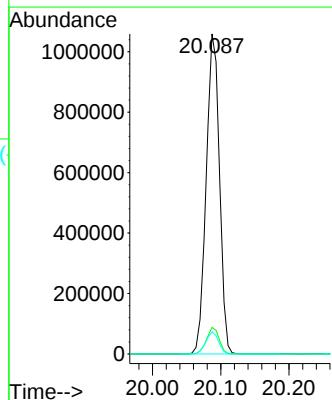
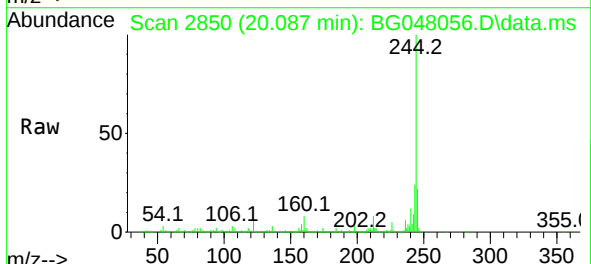
Instrument :
BNA_G
ClientSampleId :
PB134300BL

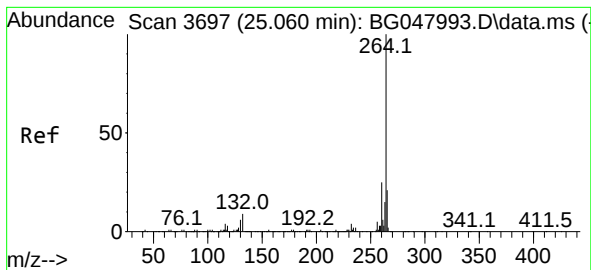
Tgt Ion:184 Resp: 25217
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 14.7 10.6 15.8



#79
Terphenyl-d14
Concen: 69.64 ng
RT: 20.087 min Scan# 2850
Delta R.T. -0.008 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Tgt Ion:244 Resp: 1431008
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.9 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.046 min Scan# 3694
Delta R.T. -0.014 min
Lab File: BG048056.D
Acq: 28 Jan 2021 13:25

Instrument :
BNA_G
ClientSampleId :
PB134300BL

Tgt Ion:264 Resp: 343814

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	19.9	17.8	26.8

