

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048057.D
 Acq On : 28 Jan 2021 14:06
 Operator : CG/JU
 Sample : PB134332BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134332BL

Quant Time: Jan 28 15:25:40 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)

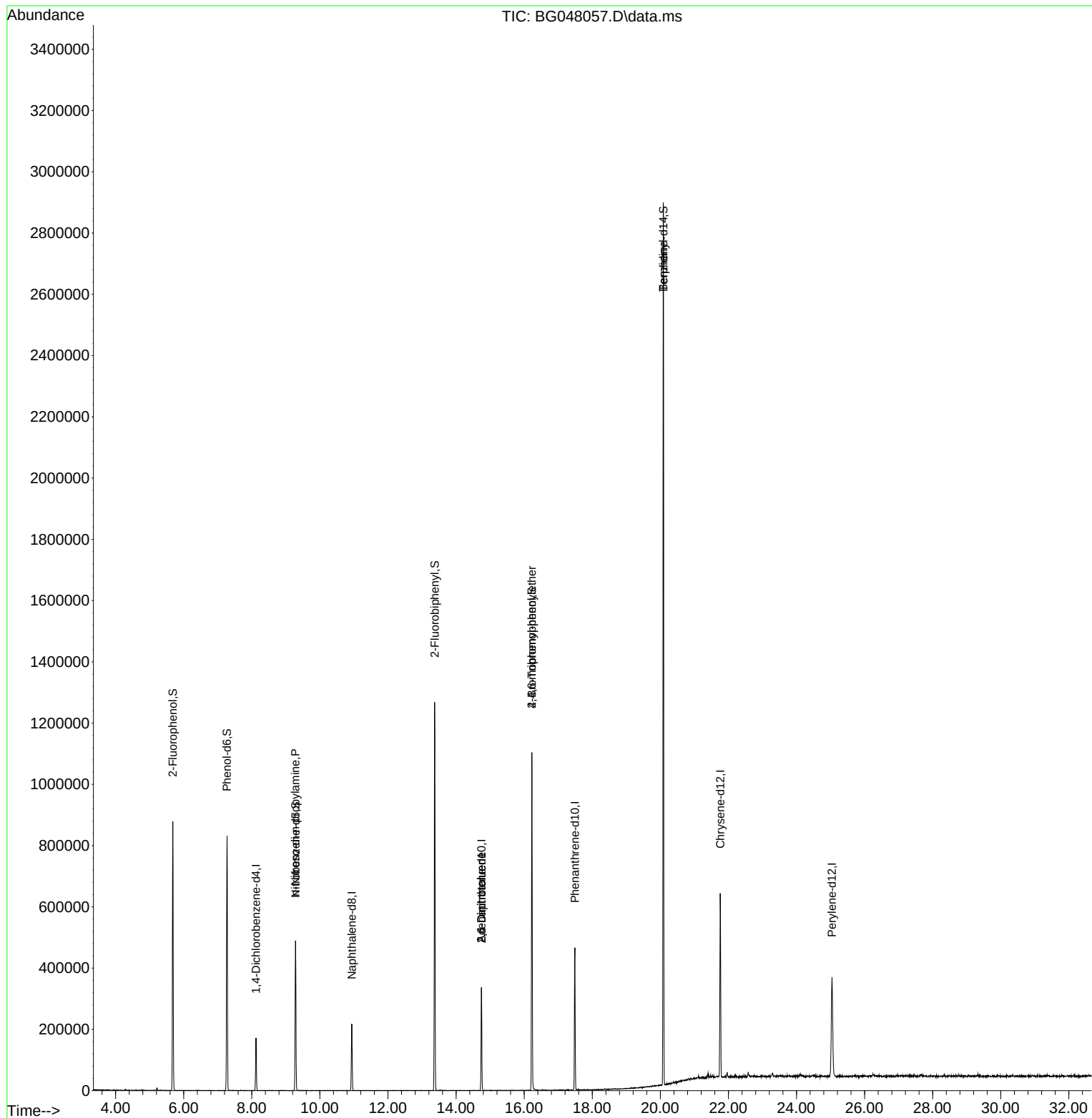
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	45968	20.00	ng	0.00
21) Naphthalene-d8	10.937	136	170457	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	117737	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	301122	20.00	ng	# 0.00
76) Chrysene-d12	21.760	240	387573	20.00	ng	#-0.02
86) Perylene-d12	25.039	264	368832	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	337326	112.78	ng	0.00
7) Phenol-d6	7.271	99	443709	97.57	ng	0.00
23) Nitrobenzene-d5	9.286	82	304522	70.69	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	212842	108.54	ng	-0.02
45) 2-Fluorobiphenyl	13.370	172	646840	71.03	ng	-0.02
79) Terphenyl-d14	20.086	244	1335707	59.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	43479	13.10	ng	# 75
51) 2,6-Dinitrotoluene	14.745	165	15626	7.05	ng	# 35
57) 2,4-Dinitrotoluene	14.745	165	15626	4.88	ng	# 33
67) 4-Bromophenyl-phenylether	16.225	248	14991	3.73	ng	# 1
77) Benzidine	20.091	184	22666	2.03	ng	# 88

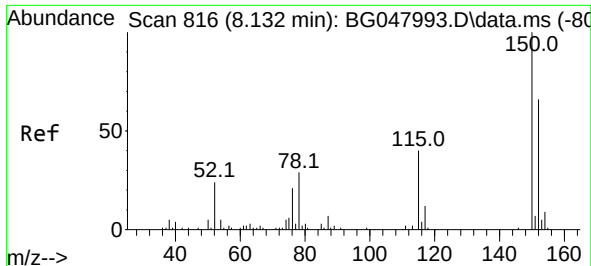
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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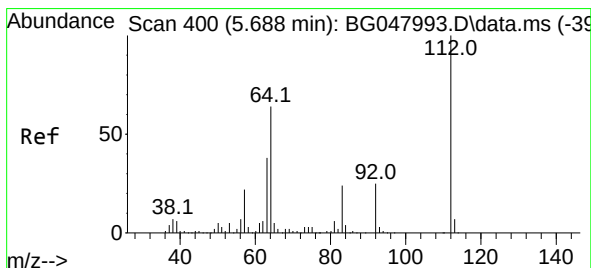
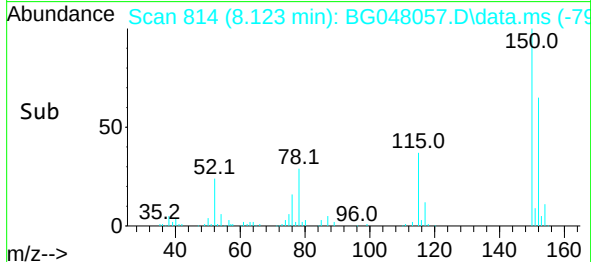
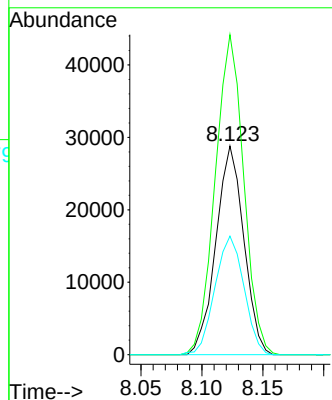
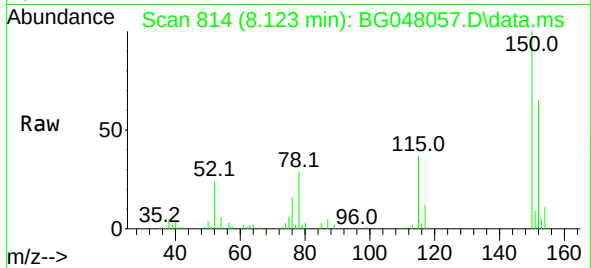




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 814
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

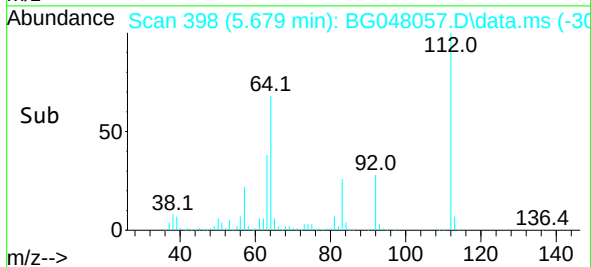
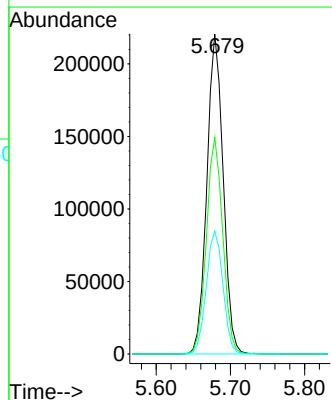
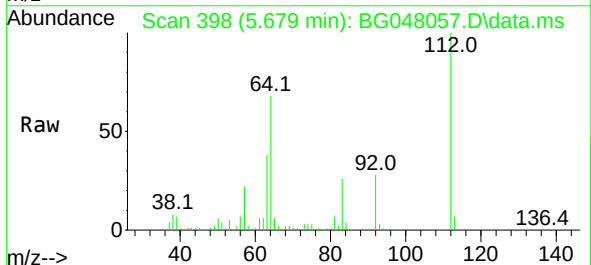
Instrument :
BNA_G
ClientSampleId :
PB134332BL

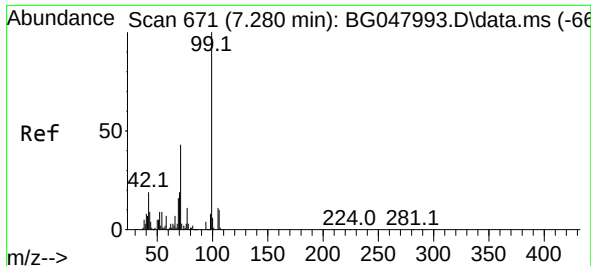
Tgt Ion:152 Resp: 45968
Ion Ratio Lower Upper
152 100
150 153.3 125.0 187.6
115 56.8 41.8 62.6



#5
2-Fluorophenol
Concen: 112.78 ng
RT: 5.679 min Scan# 398
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:112 Resp: 337326
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 38.4 22.8 34.2#

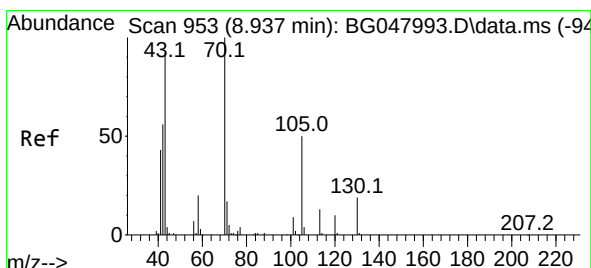
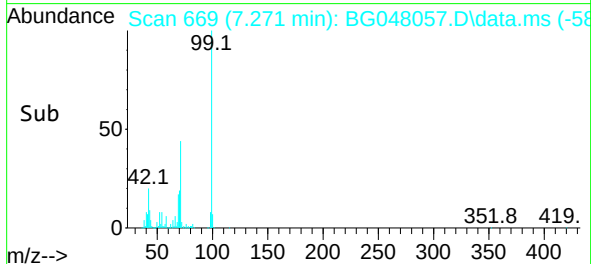
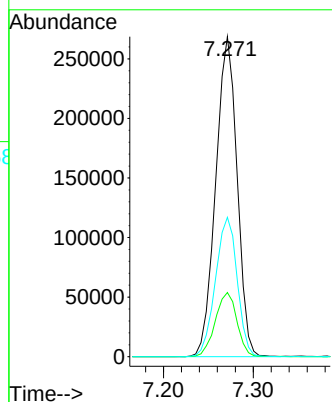
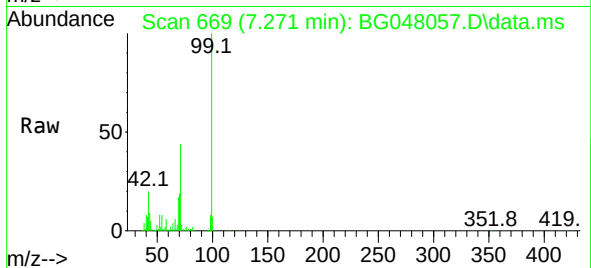




#7
Phenol-d6
Concen: 97.57 ng
RT: 7.271 min Scan# 669
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

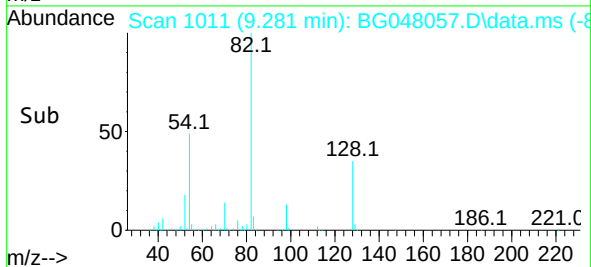
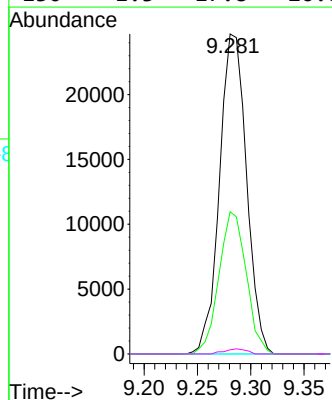
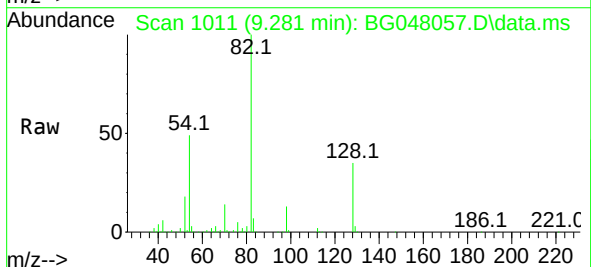
Instrument :
BNA_G
ClientSampleId :
PB134332BL

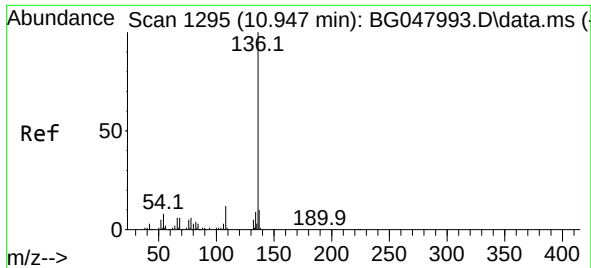
Tgt Ion: 99 Resp: 443709
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 43.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.10 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.343 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion: 70 Resp: 43479
Ion Ratio Lower Upper
70 100
42 44.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.3 17.8 26.8#

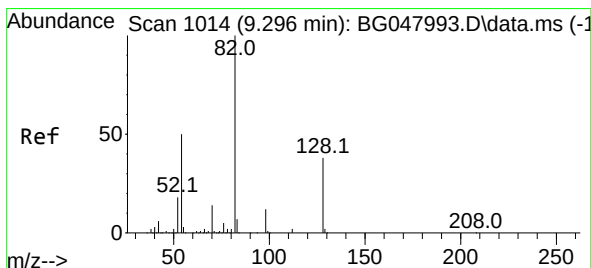
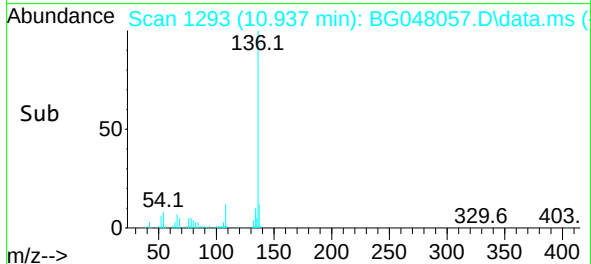
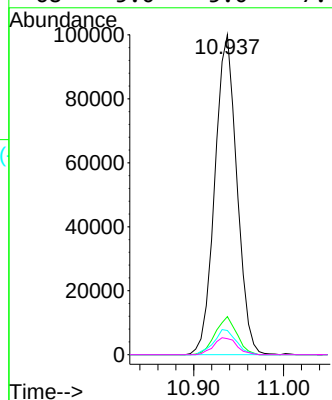
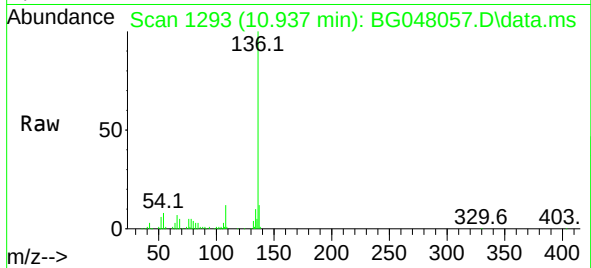




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.937 min Scan# 1293
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

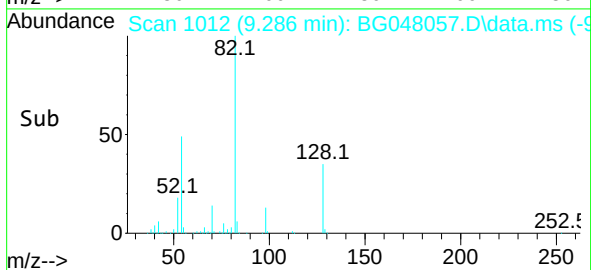
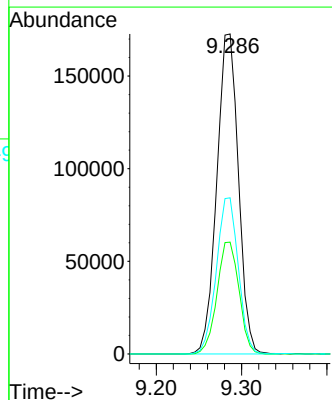
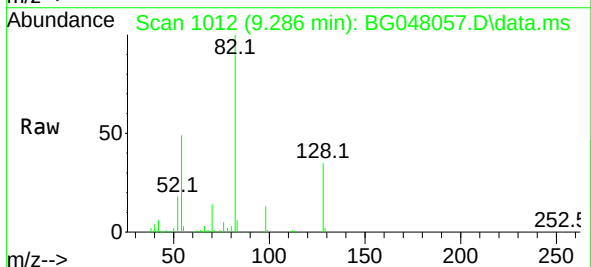
Instrument :
BNA_G
ClientSampleId :
PB134332BL

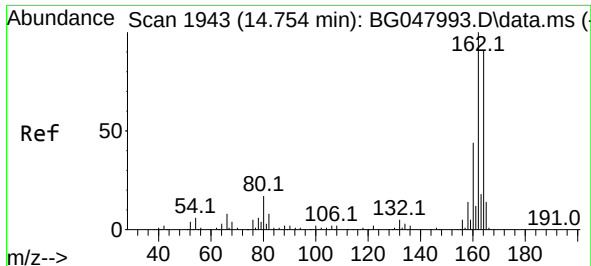
Tgt Ion:	136	Resp:	170457
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	7.6	6.2	9.4
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.69 ng
RT: 9.286 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:	82	Resp:	304522
Ion Ratio	Lower	Upper	
82	100		
128	34.9	37.0	55.6#
54	48.8	39.0	58.4

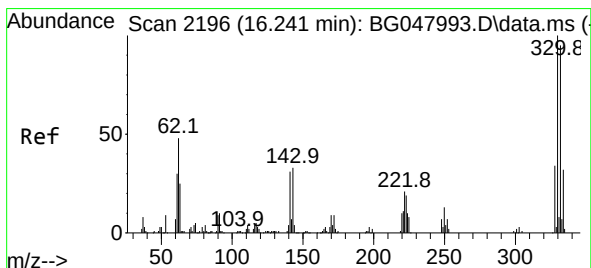
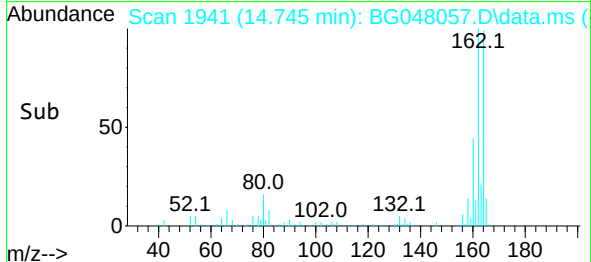
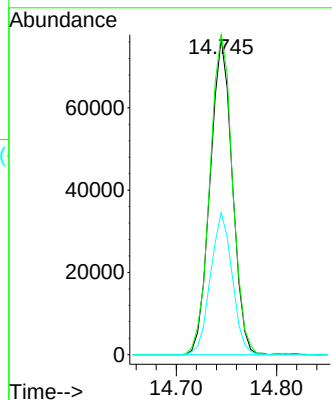
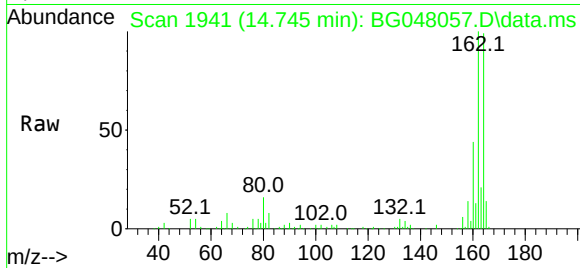




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

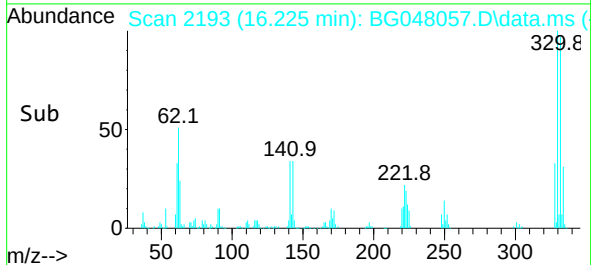
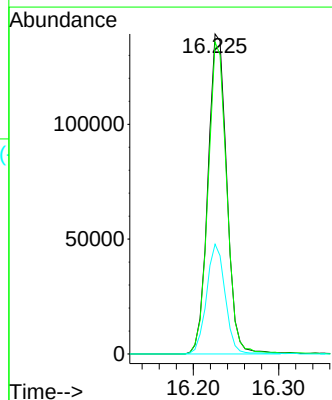
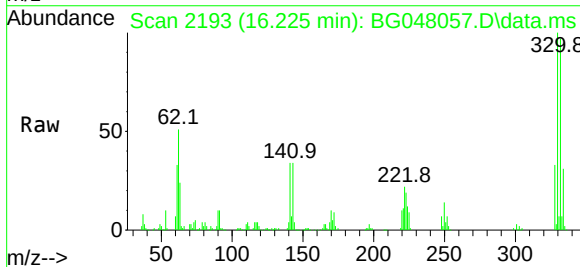
Instrument :
BNA_G
ClientSampleId :
PB134332BL

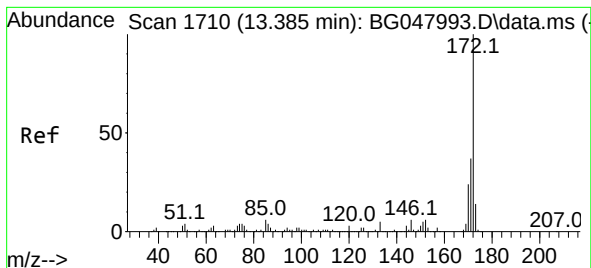
Tgt Ion:164 Resp: 117737
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 108.54 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.015 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:330 Resp: 212842
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 34.1 26.0 39.0

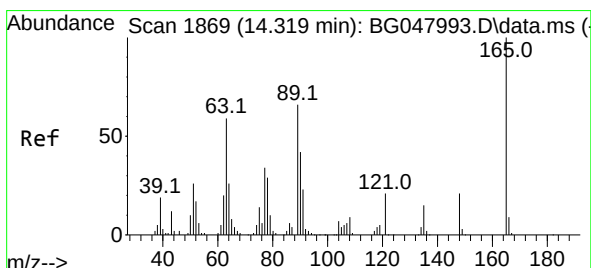
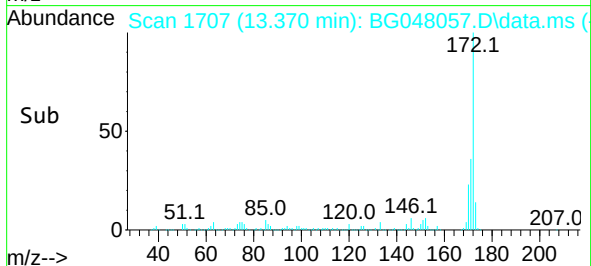
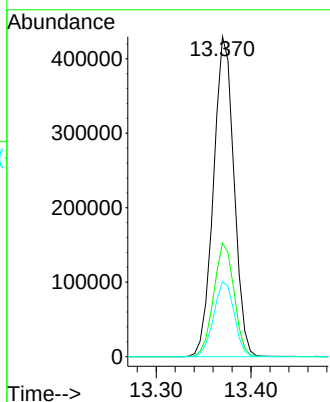
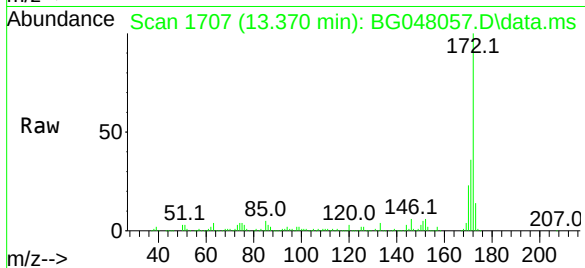




#45
2-Fluorobiphenyl
Concen: 71.03 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.015 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

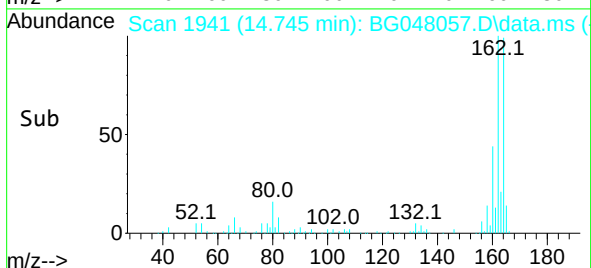
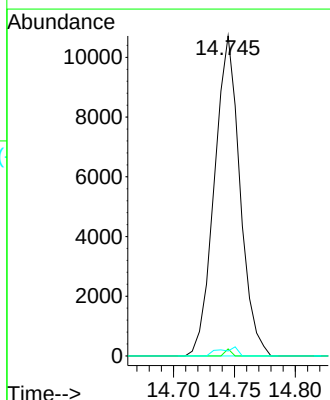
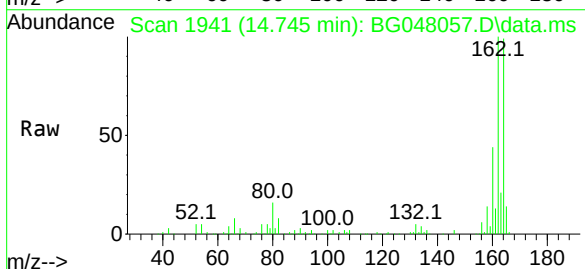
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BNA_G
ClientSampleId :
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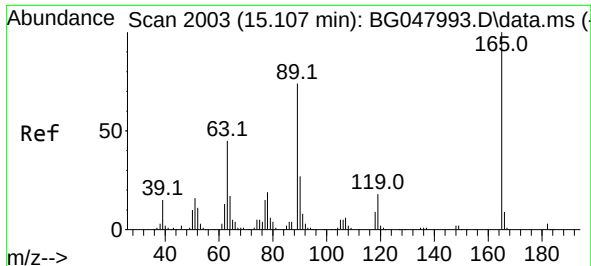
Tgt Ion:172 Resp: 646840
Ion Ratio Lower Upper
172 100
171 35.5 31.3 46.9
170 23.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.05 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:165 Resp: 15626
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 1.5 36.6 54.8#

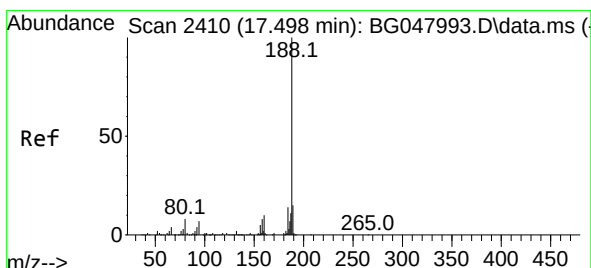
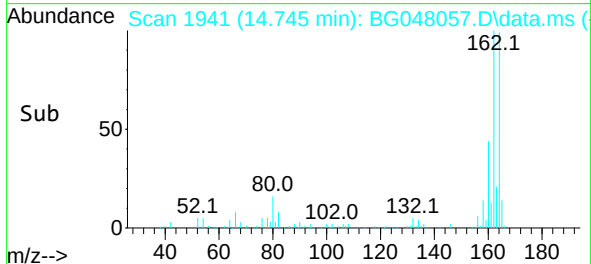
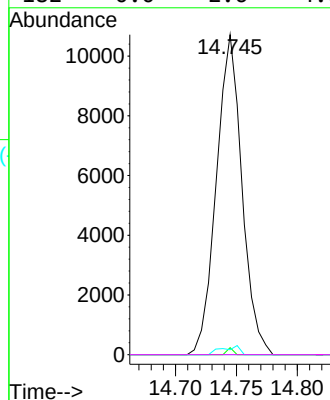
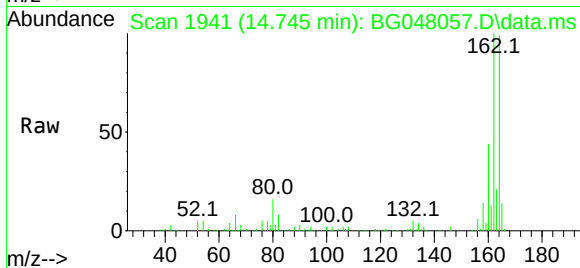




#57
2,4-Dinitrotoluene
Concen: 4.88 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

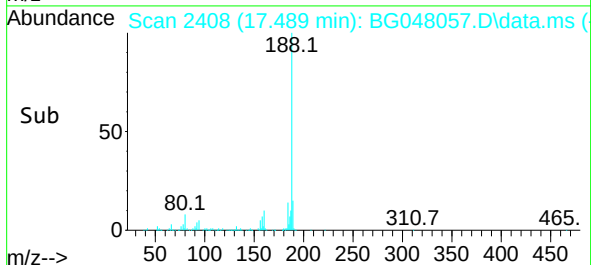
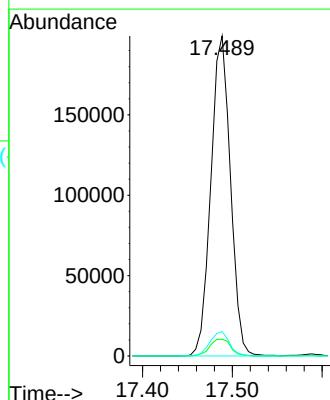
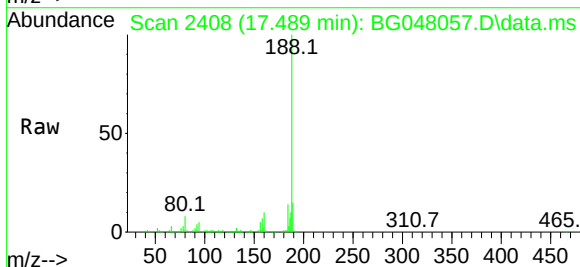
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ClientSampleId :
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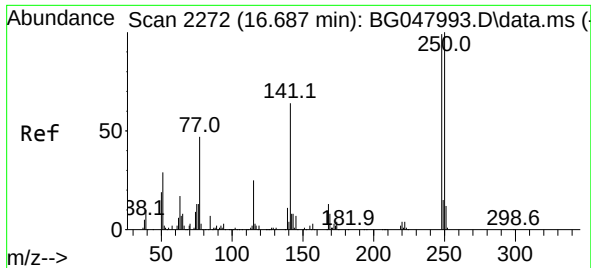
Tgt Ion:165 Resp: 15626
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:188 Resp: 301122
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 7.7 7.0 10.6

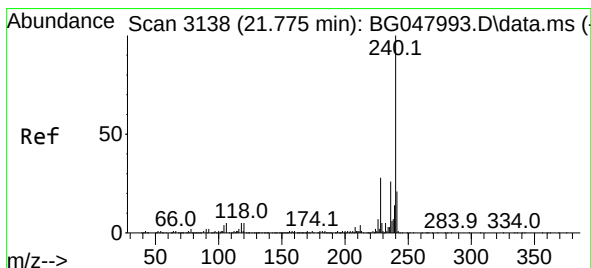
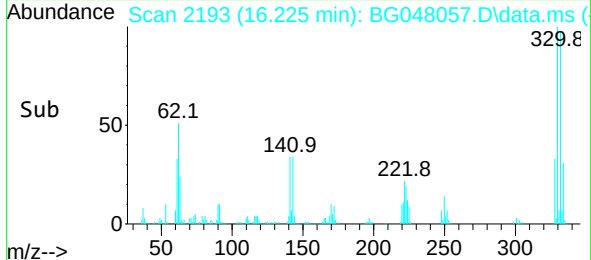
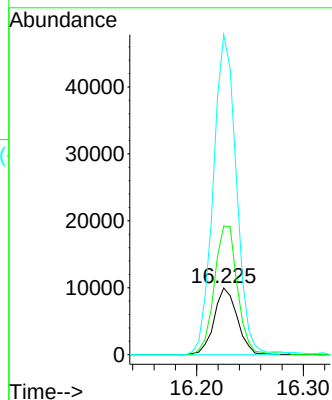
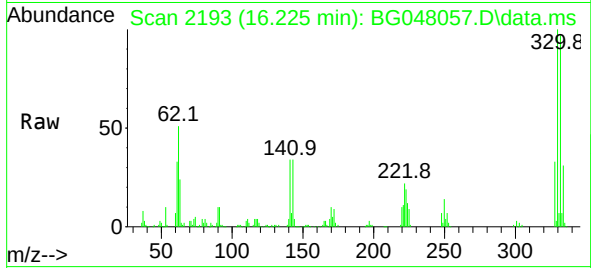




#67
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.462 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

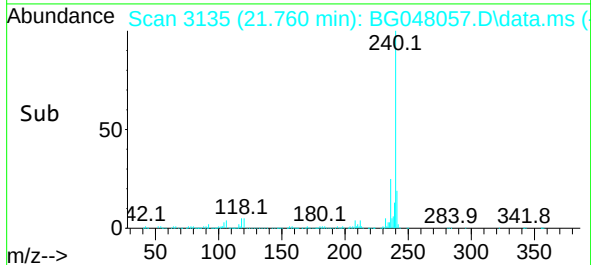
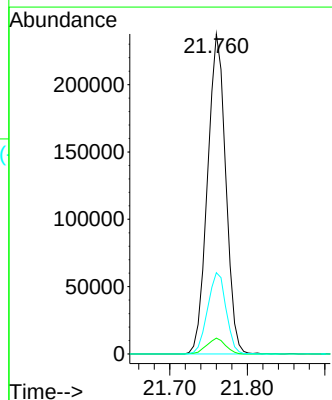
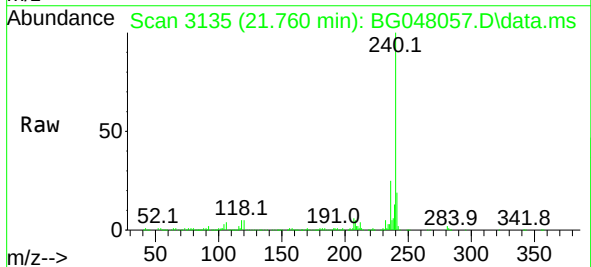
Instrument :
BNA_G
ClientSampled :
PB134332BL

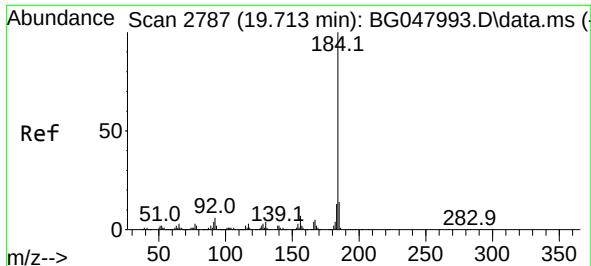
Tgt Ion:248 Resp: 14991
Ion Ratio Lower Upper
248 100
250 192.6 78.9 118.3#
141 479.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.760 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:240 Resp: 387573
Ion Ratio Lower Upper
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120 5.0 6.2 9.4#
236 25.4 20.5 30.7

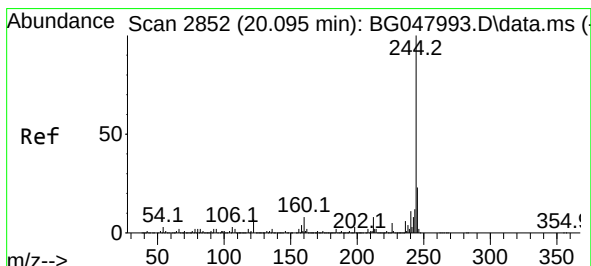
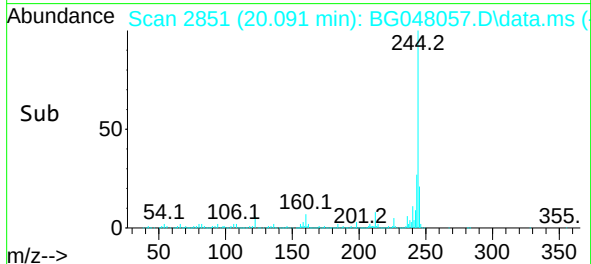
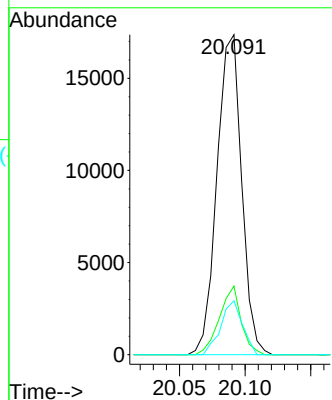
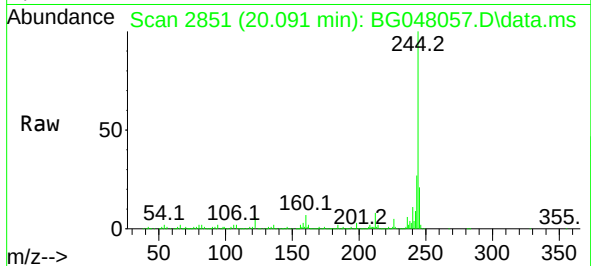




#77
Benzidine
Concen: 2.03 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

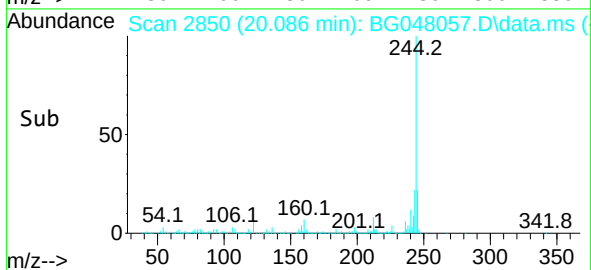
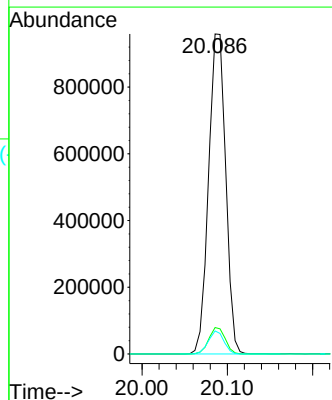
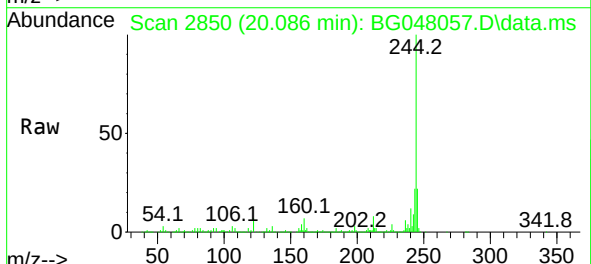
Instrument :
BNA_G
ClientSampleId :
PB134332BL

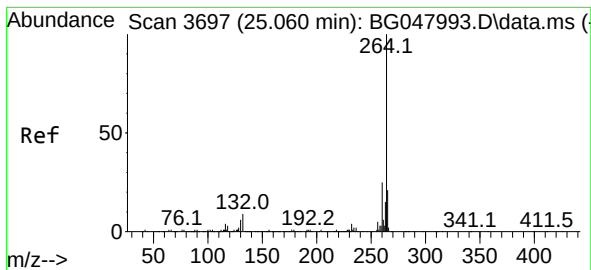
Tgt Ion:184 Resp: 22666
Ion Ratio Lower Upper
184 100
185 21.4 12.4 18.6#
183 16.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 59.75 ng
RT: 20.086 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Tgt Ion:244 Resp: 1335707
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.2 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.039 min Scan# 3693
Delta R.T. -0.021 min
Lab File: BG048057.D
Acq: 28 Jan 2021 14:06

Instrument :
BNA_G
ClientSampleId :
PB134332BL

Tgt Ion:264 Resp: 368832
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 22.2 17.8 26.8

