

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
 Data File : BG048138.D
 Acq On : 11 Feb 2021 16:31
 Operator : CG/JU
 Sample : PB134579BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134579BL

Quant Time: Feb 11 17:25:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 17:26:23 2021
 Response via : Initial Calibration

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

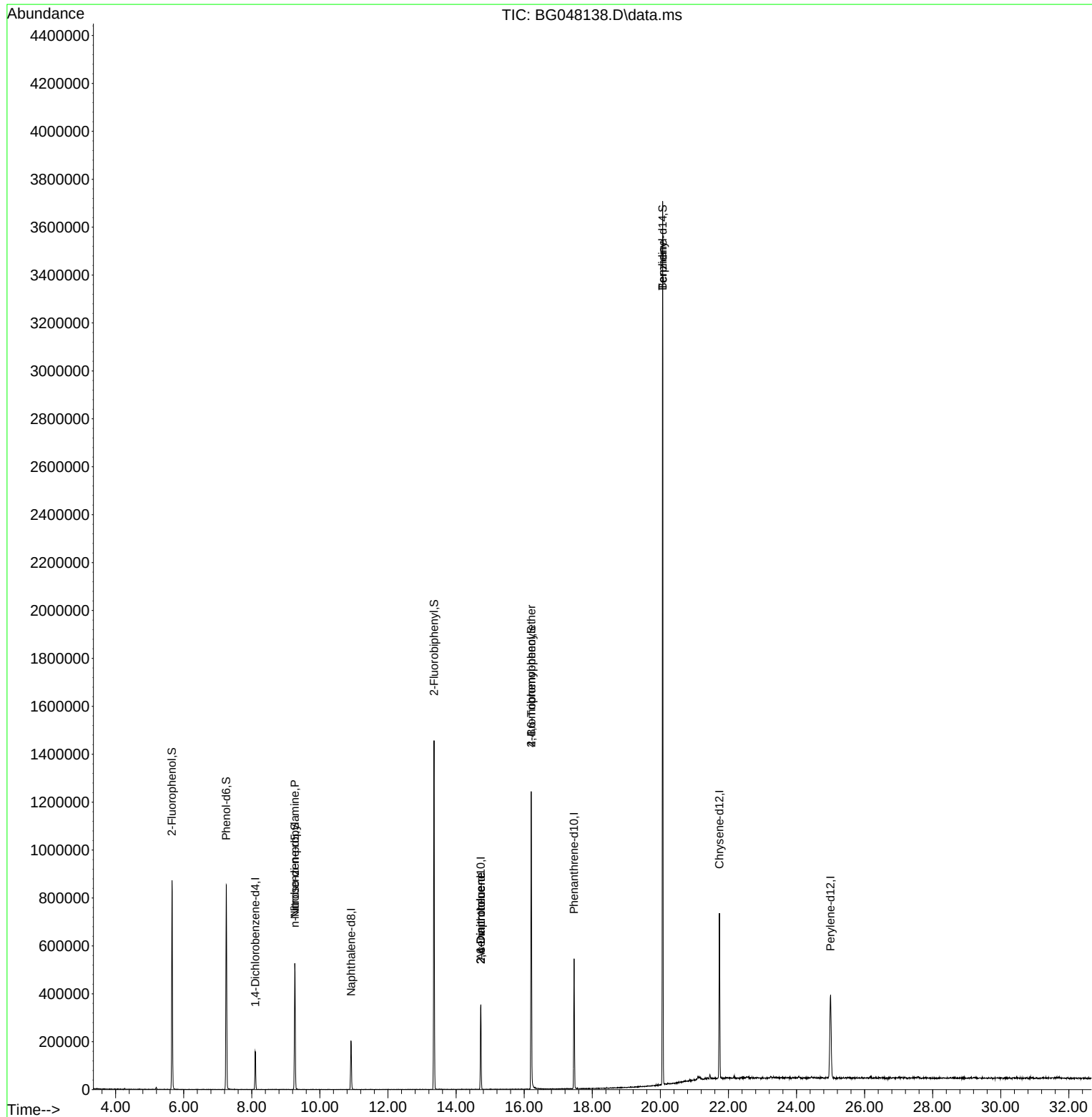
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	41577	20.00	ng	# 0.00
21) Naphthalene-d8	10.915	136	164983	20.00	ng	0.00
39) Acenaphthene-d10	14.728	164	125927	20.00	ng	0.00
64) Phenanthrene-d10	17.466	188	341899	20.00	ng	0.00
76) Chrysene-d12	21.737	240	412479	20.00	ng	# 0.00
86) Perylene-d12	24.998	264	392225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	341632	139.87	ng	0.00
7) Phenol-d6	7.248	99	467758	126.05	ng	0.00
23) Nitrobenzene-d5	9.264	82	320825	82.26	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	241539	119.92	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	728877	81.15	ng	0.00
79) Terphenyl-d14	20.068	244	1572706	69.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.269	70	46218	16.14	ng	# 74
51) 2,6-Dinitrotoluene	14.722	165	15820	6.69	ng	# 37
57) 2,4-Dinitrotoluene	14.722	165	15820	4.63	ng	# 35
67) 4-Bromophenyl-phenylether	16.208	248	16808	3.83	ng	# 1
77) Benzidine	20.068	184	28456	2.11	ng	# 92

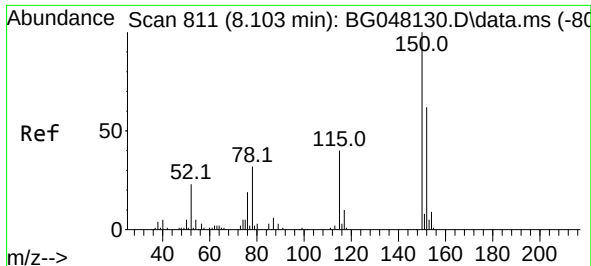
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 10 17:26:23 2021
Response via : Initial Calibration

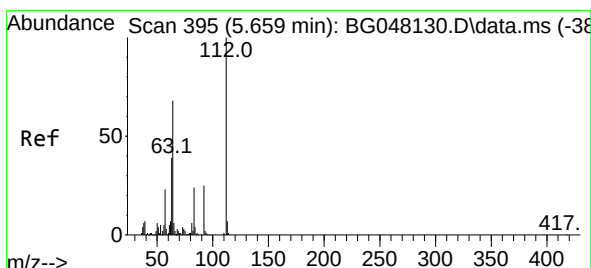
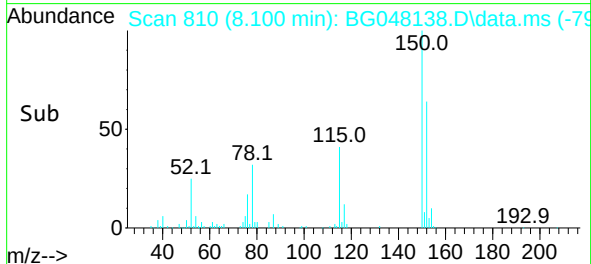
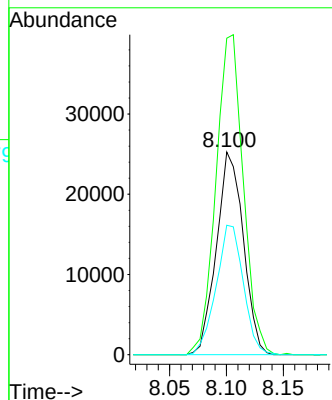
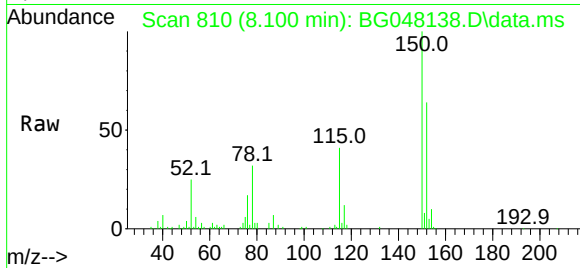




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

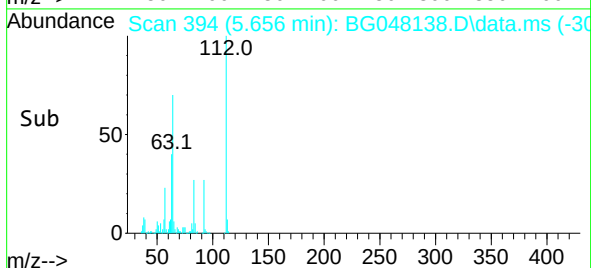
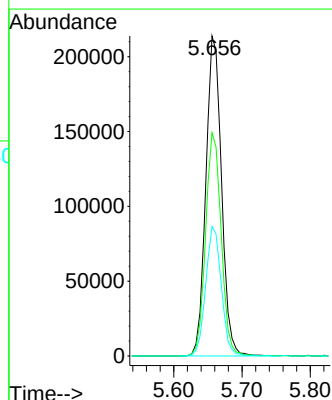
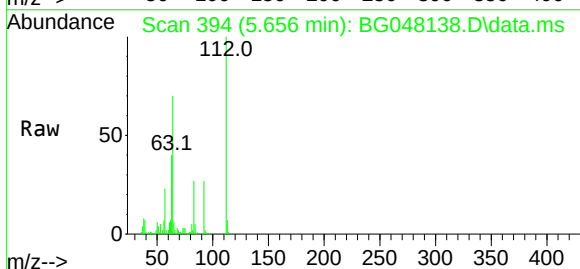
Instrument :
BNA_G
ClientSampleID :
PB134579BL

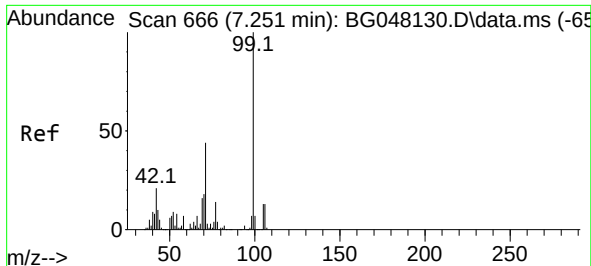
Tgt Ion:152 Resp: 41577
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.6
115 63.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 139.87 ng
RT: 5.656 min Scan# 394
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:112 Resp: 341632
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 40.4 22.8 34.2#

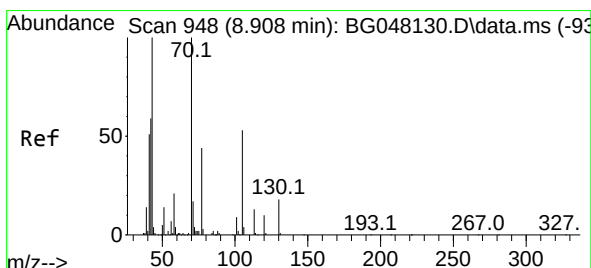
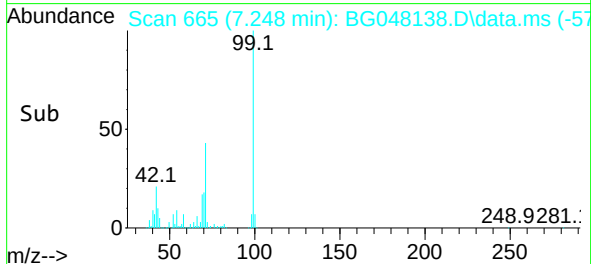
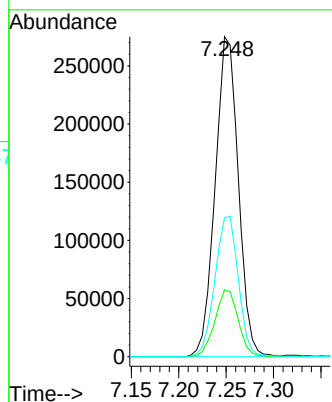
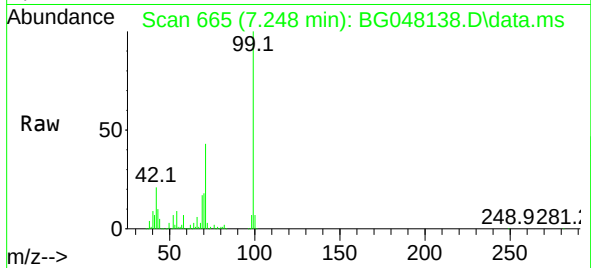




#7
Phenol-d6
Concen: 126.05 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

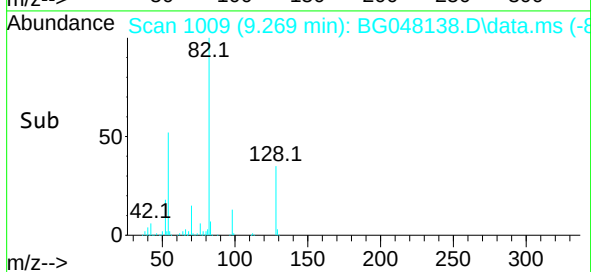
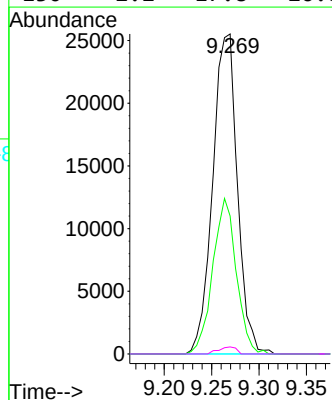
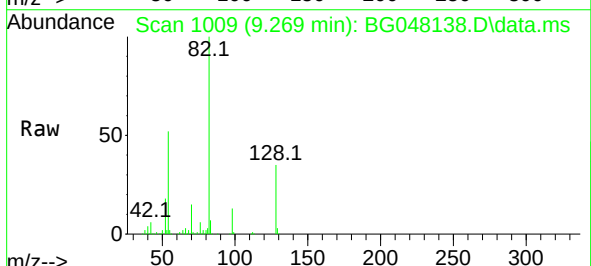
Instrument :
BNA_G
ClientSampleId :
PB134579BL

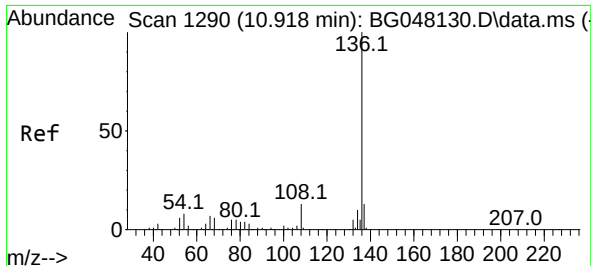
Tgt Ion: 99 Resp: 467758
Ion Ratio Lower Upper
99 100
42 20.9 12.8 19.2#
71 43.3 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion: 70 Resp: 46218
Ion Ratio Lower Upper
70 100
42 43.1 45.6 68.4#
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#

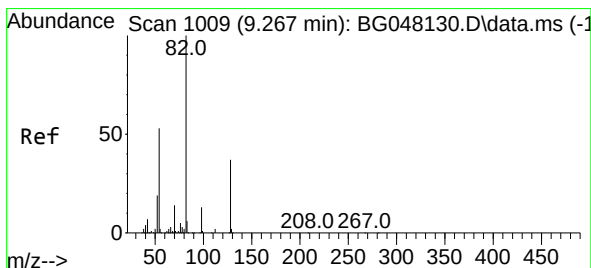
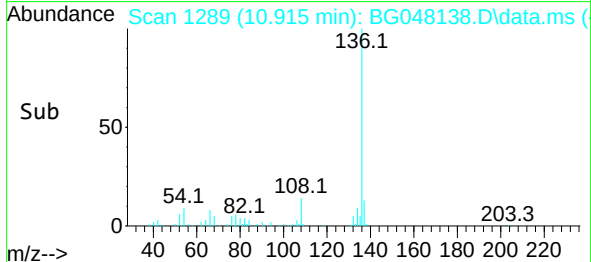
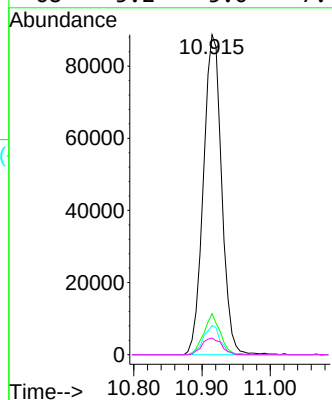
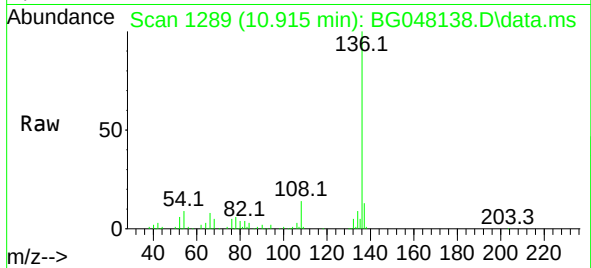




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

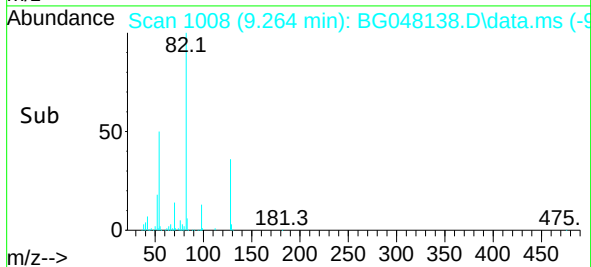
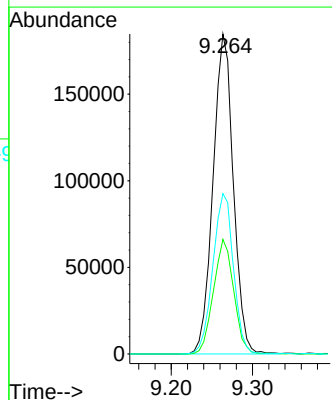
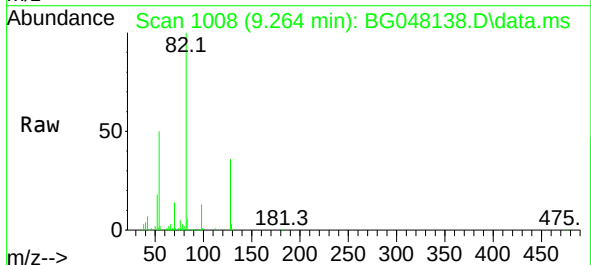
Instrument :
BNA_G
ClientSampleId :
PB134579BL

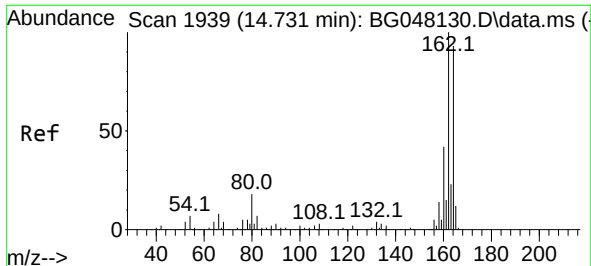
Tgt Ion:	136	Resp:	164983
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.1	13.7
54	9.1	6.2	9.4
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.26 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:	82	Resp:	320825
Ion Ratio	Lower	Upper	
82	100		
128	35.8	37.0	55.6#
54	50.1	39.0	58.4

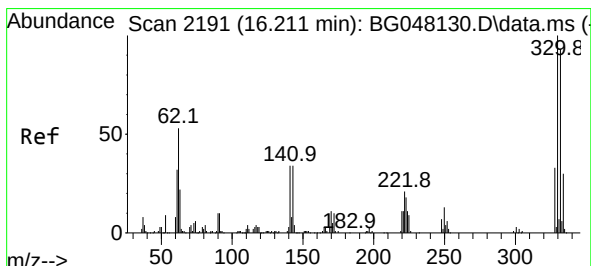
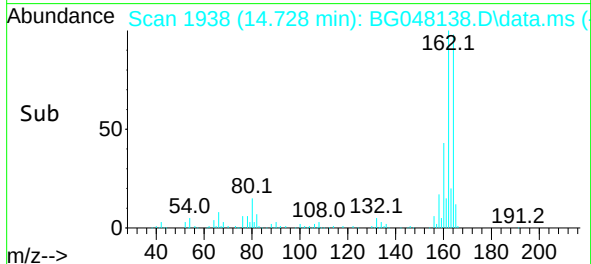
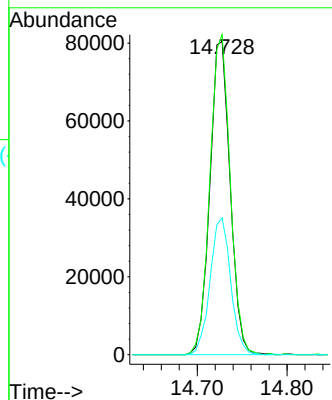
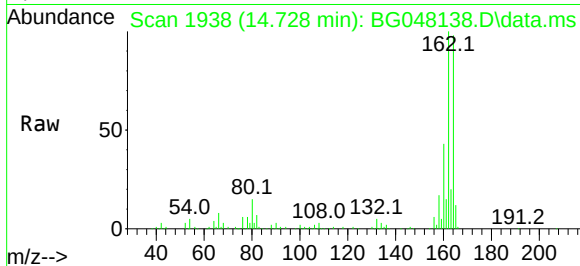




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

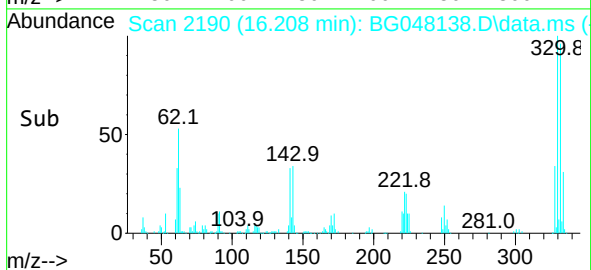
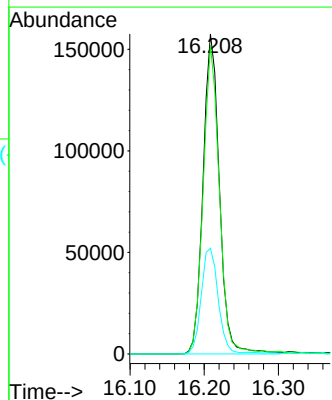
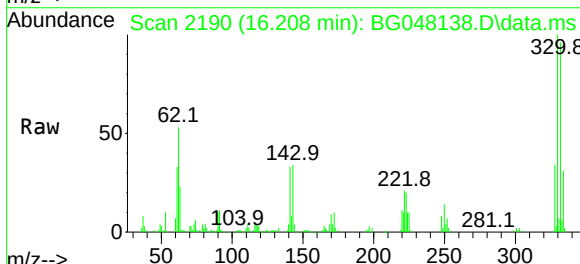
Instrument :
BNA_G
ClientSampleId :
PB134579BL

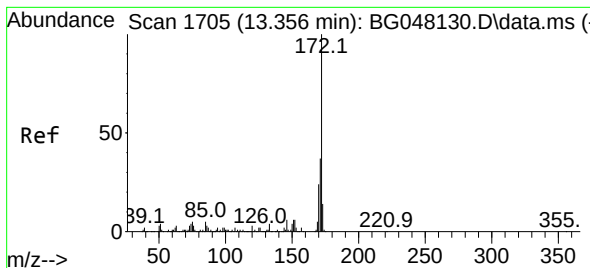
Tgt Ion:164 Resp: 125927
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 43.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 119.92 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:330 Resp: 241539
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 34.0 26.0 39.0

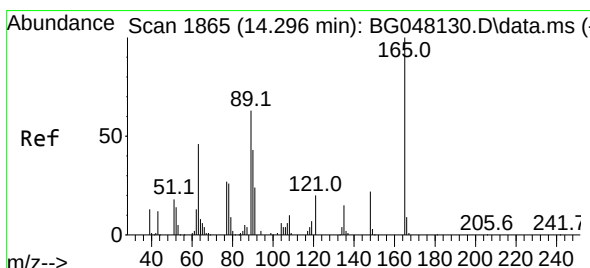
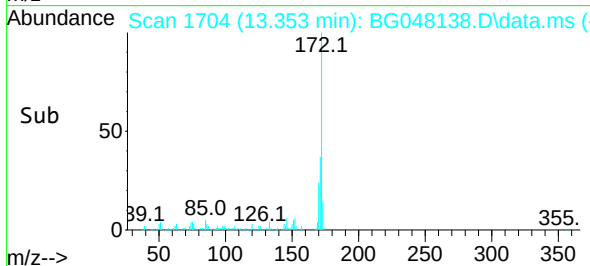
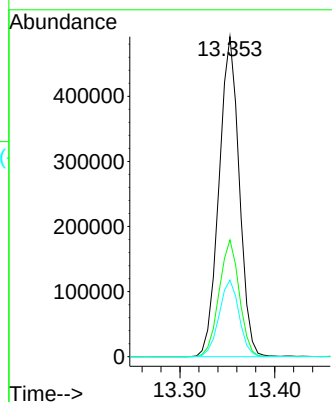
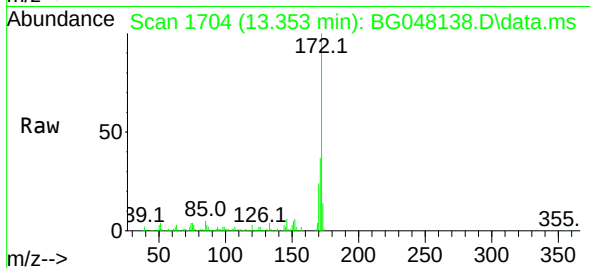




#45
2-Fluorobiphenyl
Concen: 81.15 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

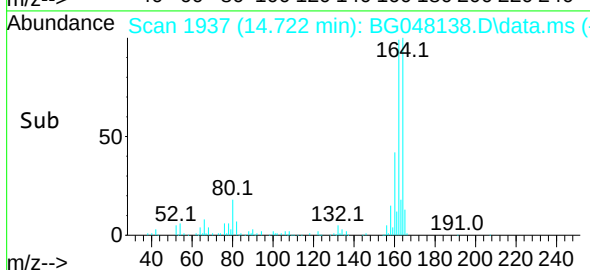
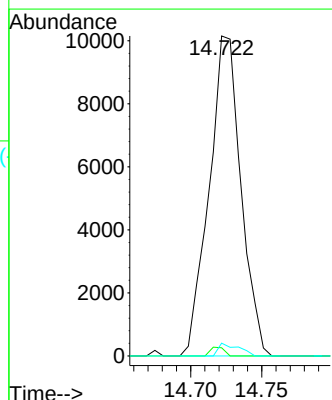
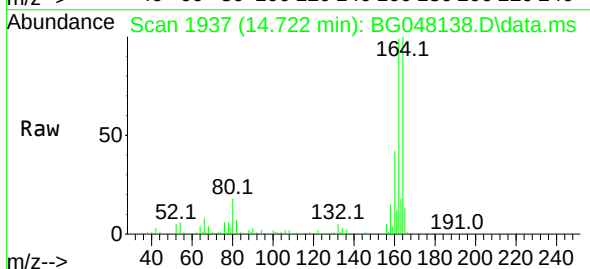
Instrument :
BNA_G
ClientSampleId :
PB134579BL

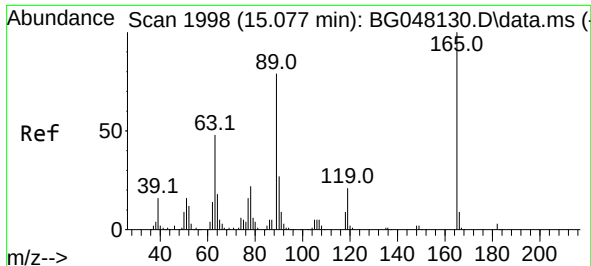
Tgt Ion:172 Resp: 728877
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 23.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 14.722 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

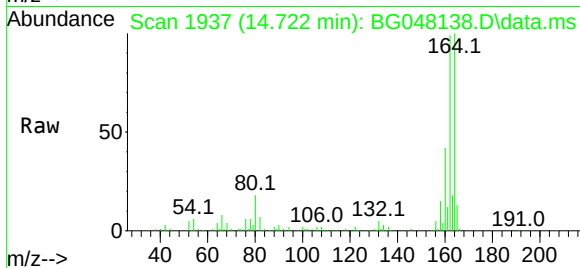
Tgt Ion:165 Resp: 15820
Ion Ratio Lower Upper
165 100
63 2.6 33.7 50.5#
89 4.0 36.6 54.8#



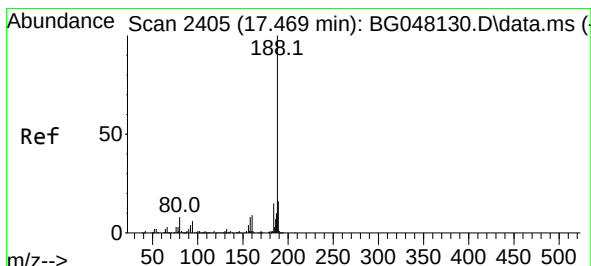
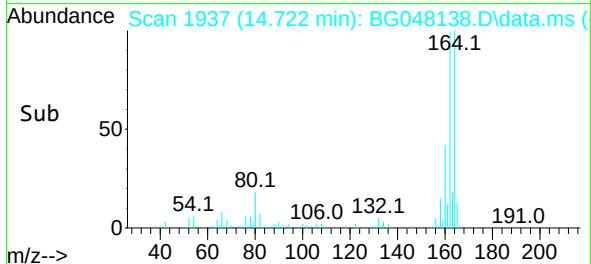
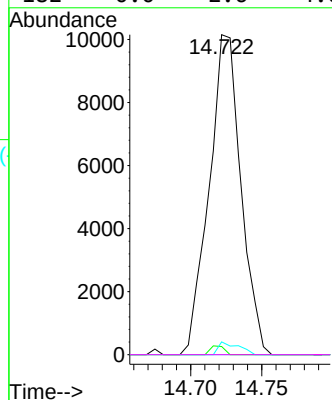


#57
2,4-Dinitrotoluene
Concen: 4.63 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Instrument :
BNA_G
ClientSampleId :
PB134579BL

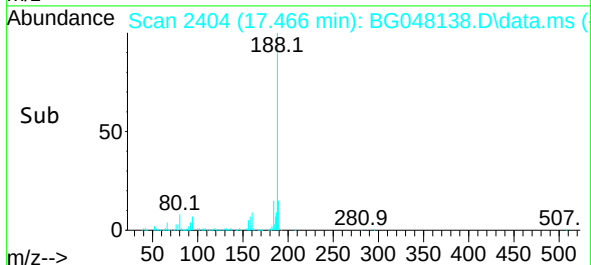
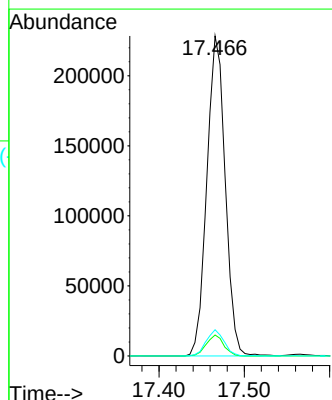
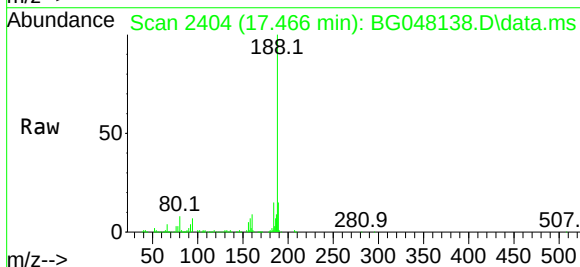


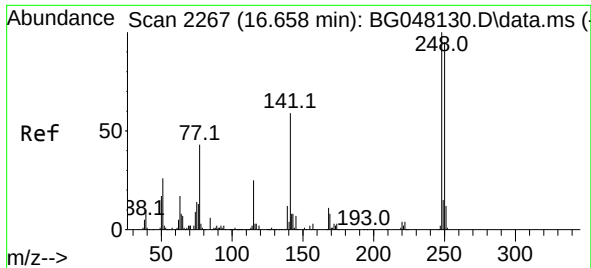
Tgt Ion:165 Resp: 15820
Ion Ratio Lower Upper
165 100
63 2.6 26.4 39.6#
89 4.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.466 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:188 Resp: 341899
Ion Ratio Lower Upper
188 100
94 6.5 6.3 9.5
80 8.2 7.0 10.6

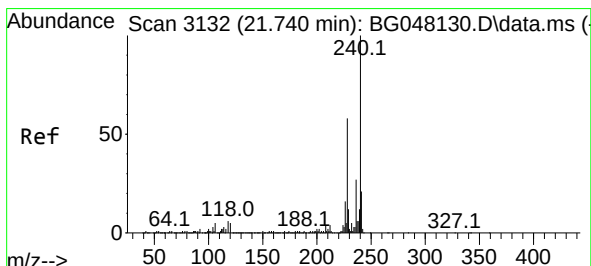
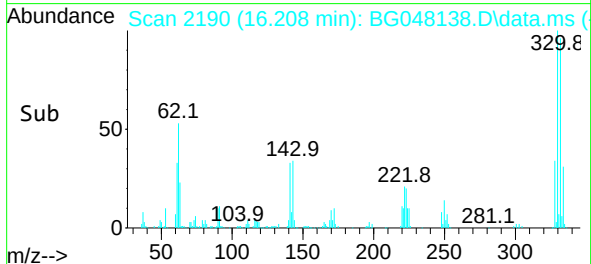
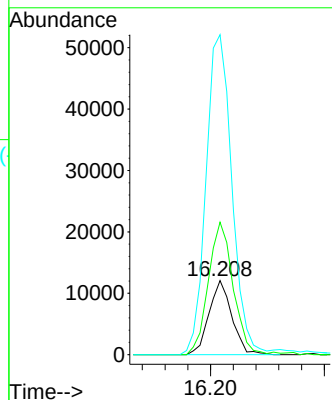
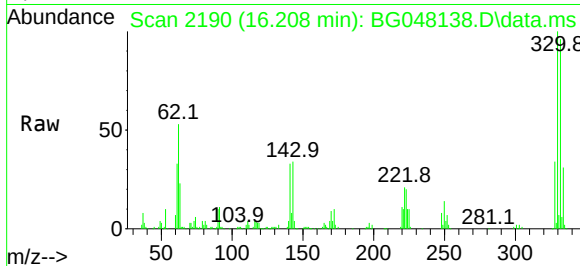




#67
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.450 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

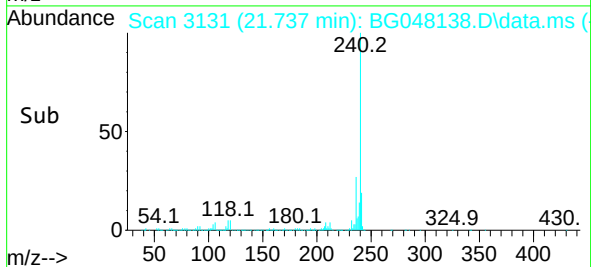
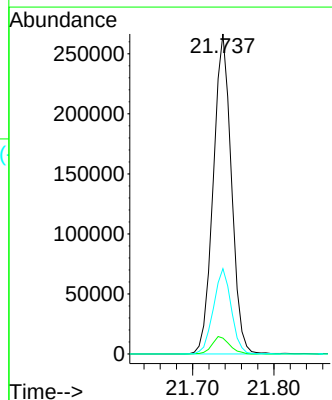
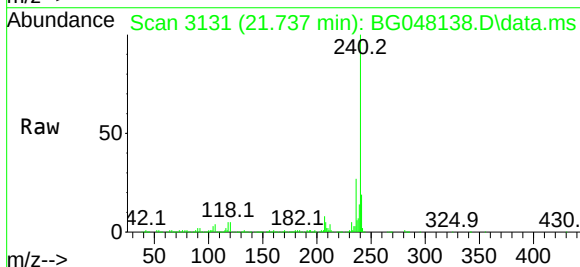
Instrument :
BNA_G
ClientSampled :
PB134579BL

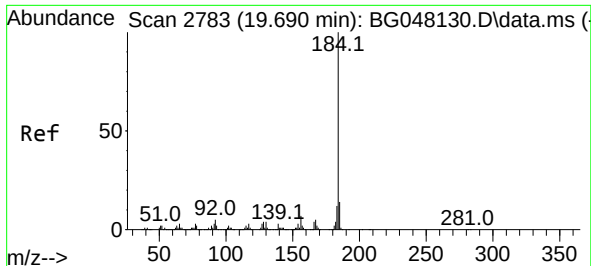
Tgt Ion:248 Resp: 16808
Ion Ratio Lower Upper
248 100
250 178.9 78.9 118.3#
141 432.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.737 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:240 Resp: 412479
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.6 20.5 30.7

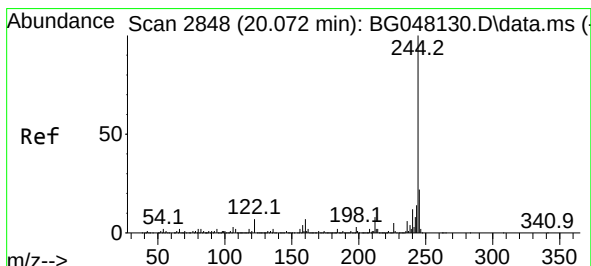
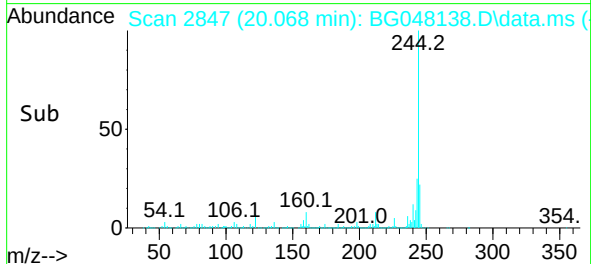
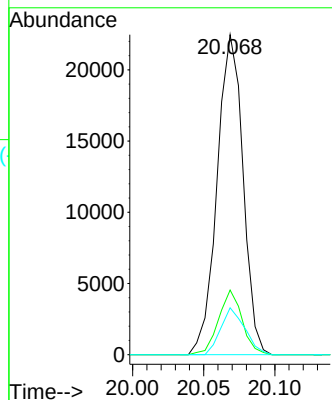
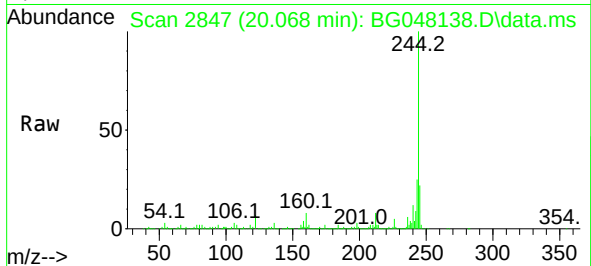




#77
Benzidine
Concen: 2.11 ng
RT: 20.068 min Scan# 2847
Delta R.T. 0.379 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

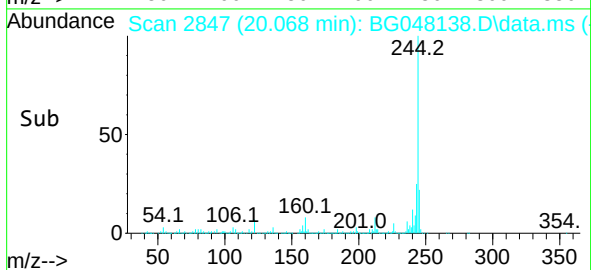
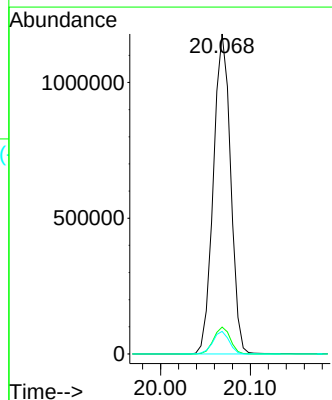
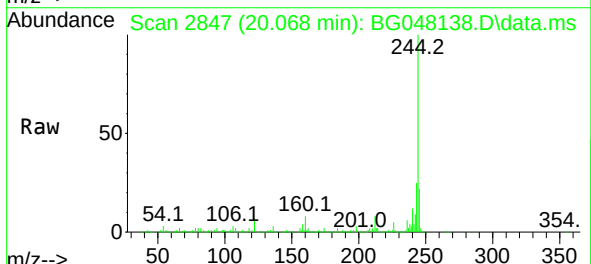
Instrument :
BNA_G
ClientSampleId :
PB134579BL

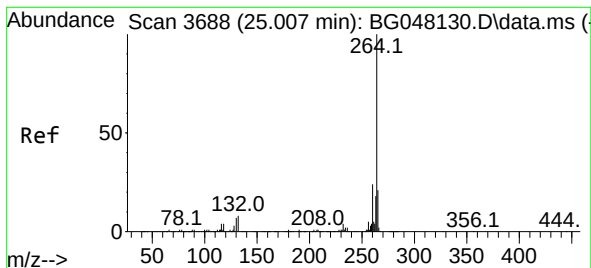
Tgt Ion:184 Resp: 28456
Ion Ratio Lower Upper
184 100
185 20.2 12.4 18.6#
183 14.6 10.6 15.8



#79
Terphenyl-d14
Concen: 69.67 ng
RT: 20.068 min Scan# 2847
Delta R.T. -0.003 min
Lab File: BG048138.D
Acq: 11 Feb 2021 16:31

Tgt Ion:244 Resp: 1572706
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 7.1 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.998 min Scan# 3686
 Delta R.T. -0.009 min
 Lab File: BG048138.D
 Acq: 11 Feb 2021 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB134579BL

Tgt Ion:264 Resp: 392225
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.0 17.8 26.8

