

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
 Data File : BG048135.D
 Acq On : 10 Feb 2021 18:18
 Operator : CG/JU
 Sample : PB134558BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134558BL

Quant Time: Feb 10 23:47:39 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)

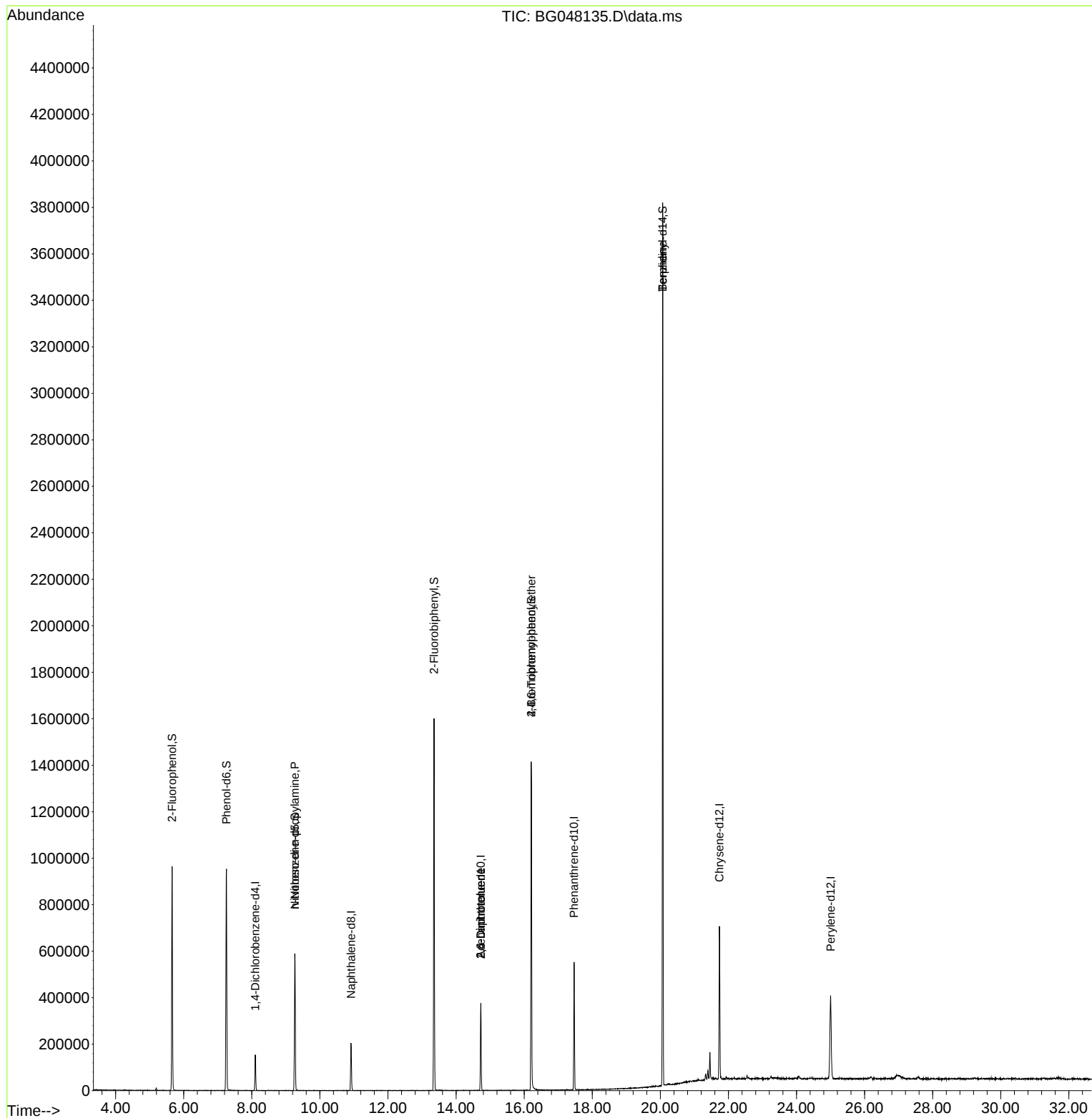
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	42573	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	165059	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	126280	20.00	ng	0.00
64) Phenanthrene-d10	17.465	188	339891	20.00	ng	0.00
76) Chrysene-d12	21.736	240	404508	20.00	ng	# 0.00
86) Perylene-d12	25.003	264	382693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	392468	156.92	ng	0.00
7) Phenol-d6	7.253	99	521970	137.37	ng	0.00
23) Nitrobenzene-d5	9.263	82	361961	92.76	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	279192	138.23	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	819919	91.03	ng	0.00
79) Terphenyl-d14	20.068	244	1714929	77.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	52360	17.85	ng	# 77
51) 2,6-Dinitrotoluene	14.727	165	16901	7.12	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	16901	4.93	ng	# 34
67) 4-Bromophenyl-phenylether	16.208	248	18555	4.26	ng	# 1
77) Benzidine	20.068	184	30702	2.32	ng	# 94

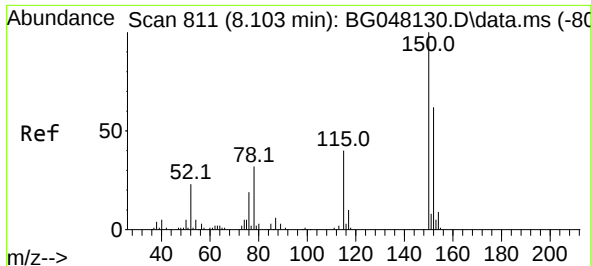
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
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ALS Vial : 11 Sample Multiplier: 1

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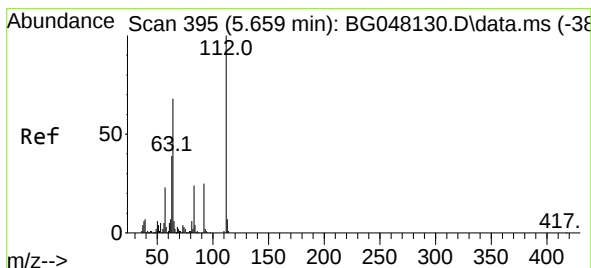
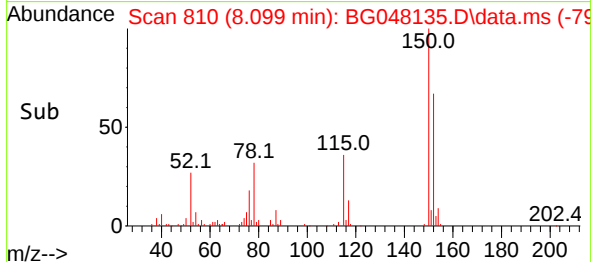
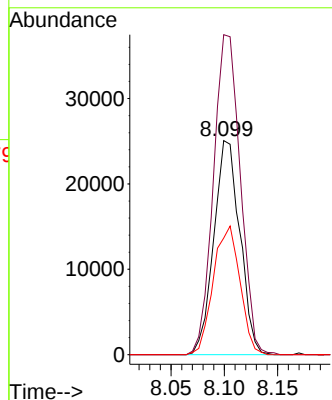
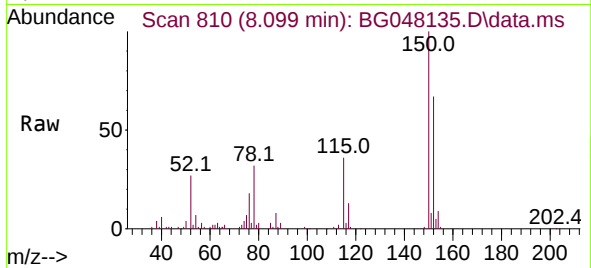




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

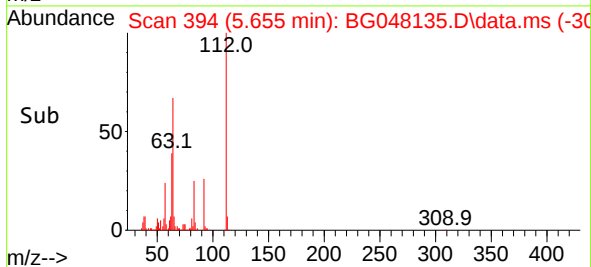
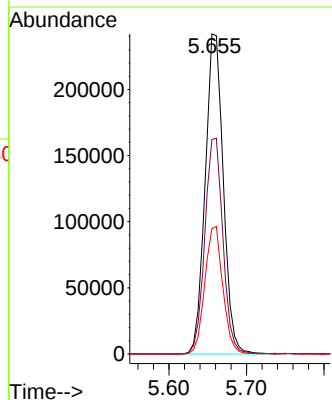
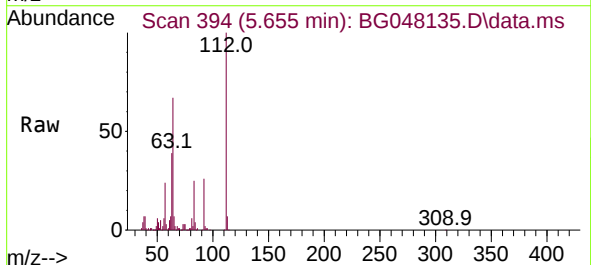
Instrument :
BNA_G
ClientSampleId :
PB134558BL

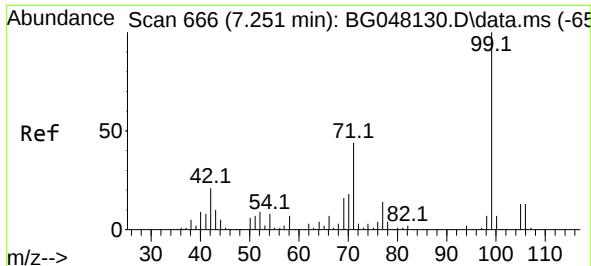
Tgt Ion:152 Resp: 42573
Ion Ratio Lower Upper
152 100
150 149.5 125.0 187.6
115 54.5 41.8 62.6



#5
2-Fluorophenol
Concen: 156.92 ng
RT: 5.655 min Scan# 394
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:112 Resp: 392468
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 39.2 22.8 34.2#

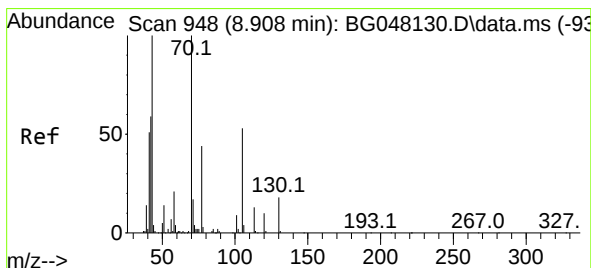
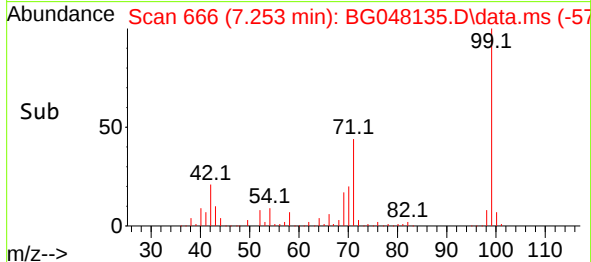
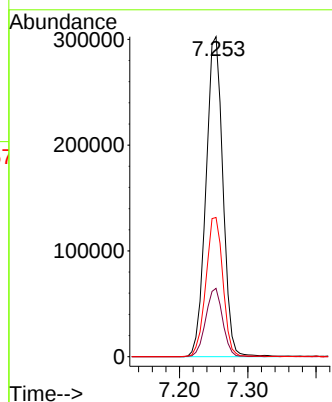
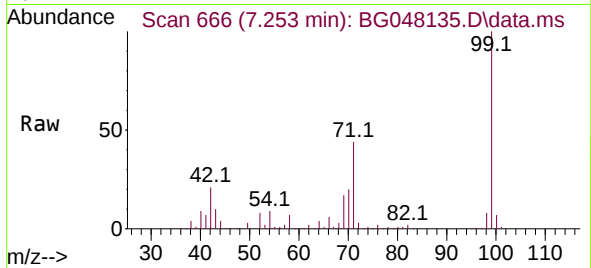




#7
Phenol-d6
Concen: 137.37 ng
RT: 7.253 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

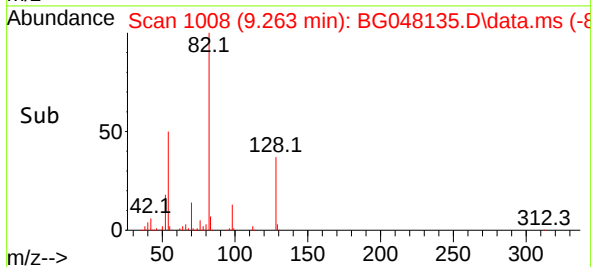
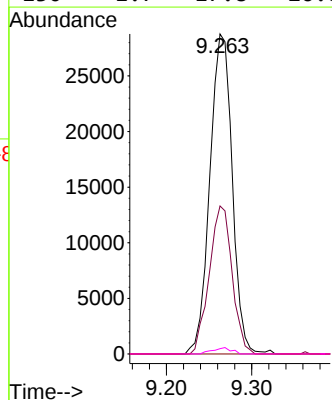
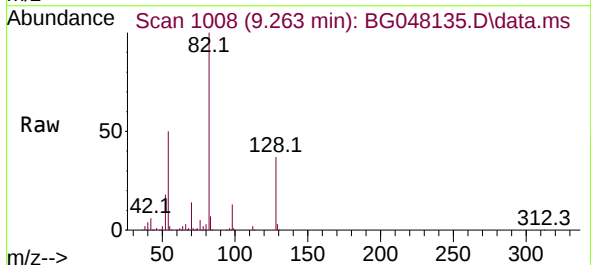
Instrument :
BNA_G
ClientSampleId :
PB134558BL

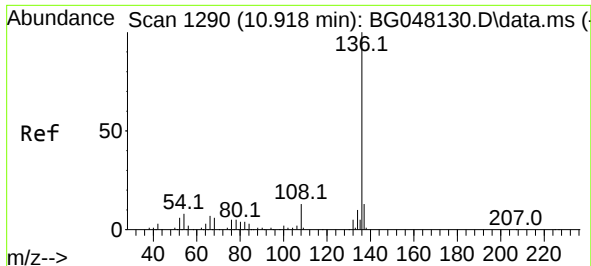
Tgt Ion: 99 Resp: 521970
Ion Ratio Lower Upper
99 100
42 21.4 12.8 19.2#
71 43.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.85 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion: 70 Resp: 52360
Ion Ratio Lower Upper
70 100
42 46.2 45.6 68.4
101 0.0 8.4 12.6#
130 1.7 17.8 26.8#

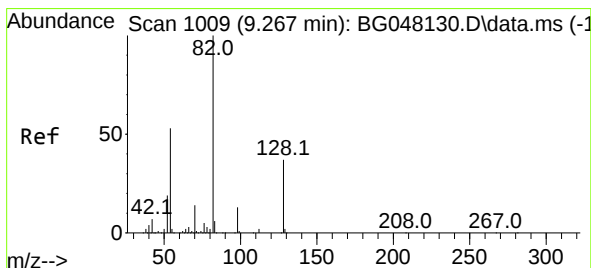
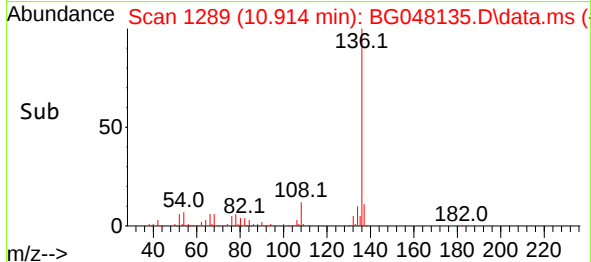
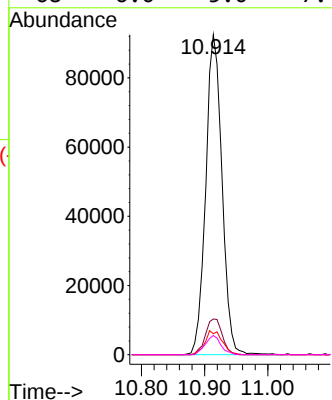
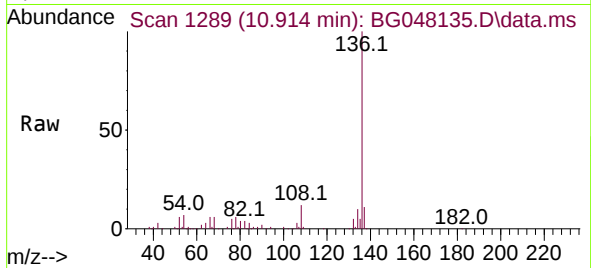




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

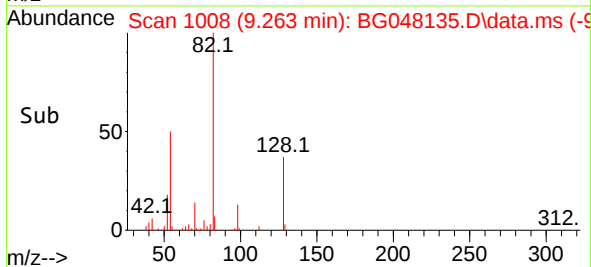
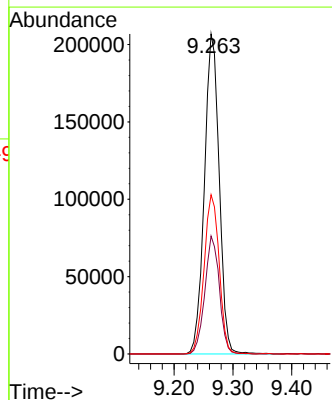
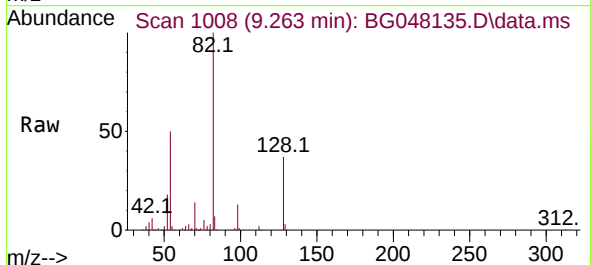
Instrument :
BNA_G
ClientSampleId :
PB134558BL

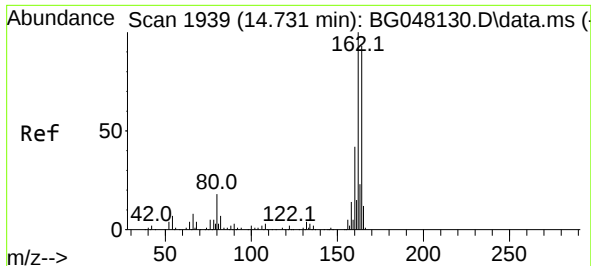
Tgt Ion:136	Resp: 165059
Ion Ratio	Lower Upper
136	100
137	11.1 9.1 13.7
54	6.5 6.2 9.4
68	6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.76 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion: 82	Resp: 361961
Ion Ratio	Lower Upper
82	100
128	36.9 37.0 55.6#
54	49.8 39.0 58.4

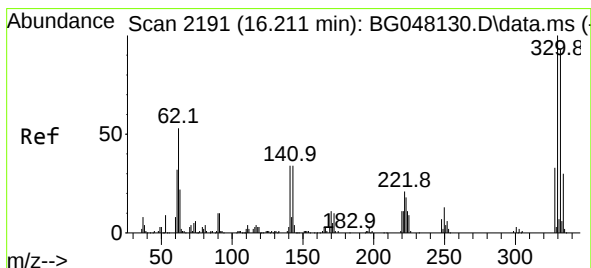
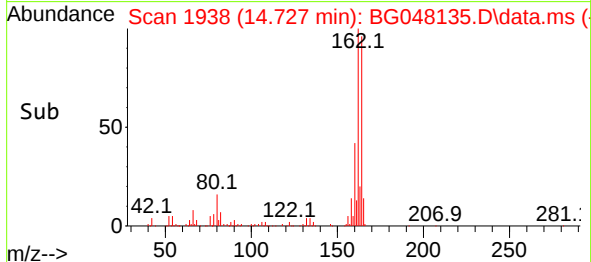
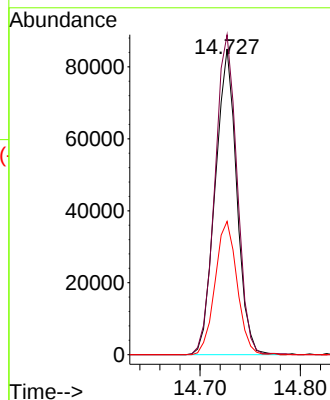
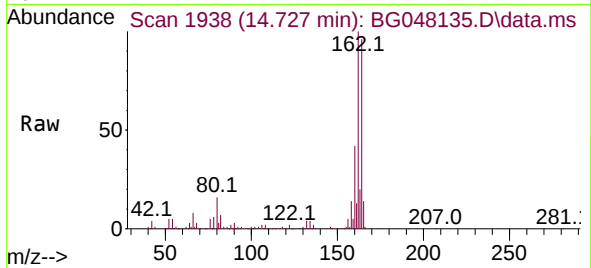




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

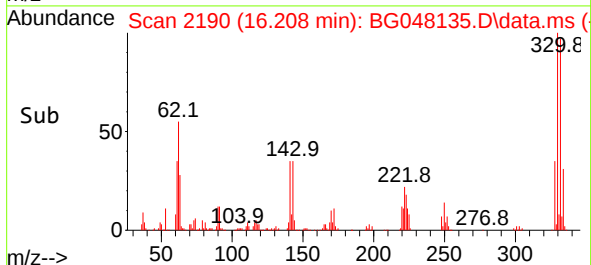
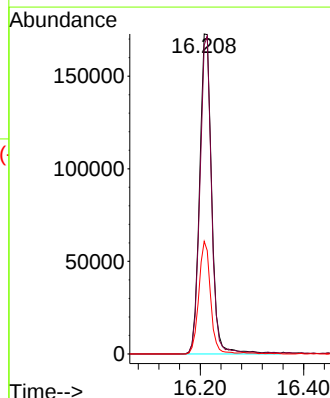
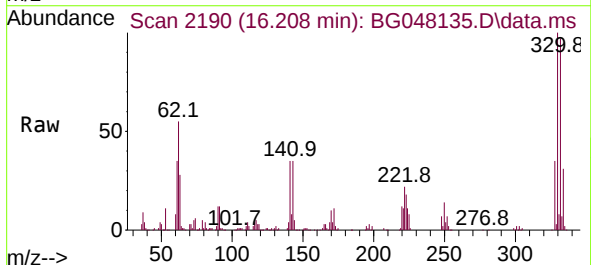
Instrument :
BNA_G
ClientSampleId :
PB134558BL

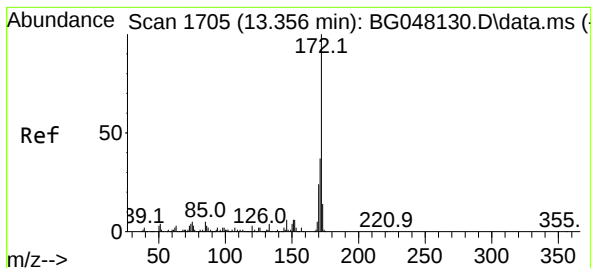
Tgt Ion:164 Resp: 126280
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 43.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 138.23 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:330 Resp: 279192
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 34.0 26.0 39.0

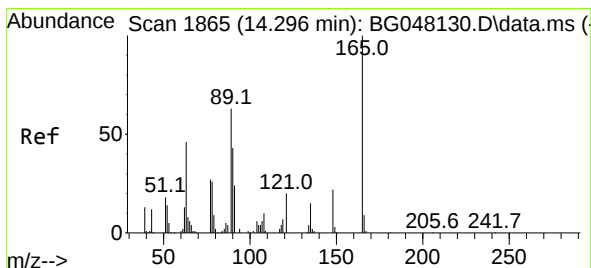
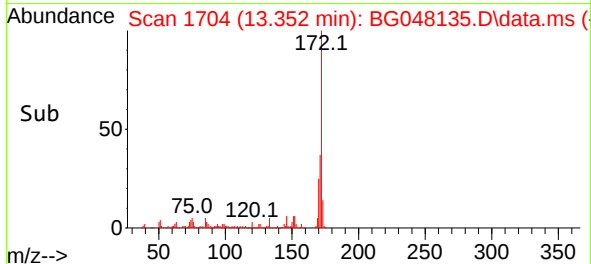
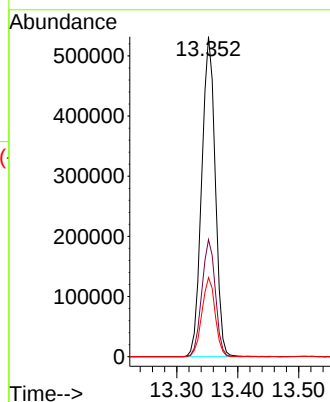
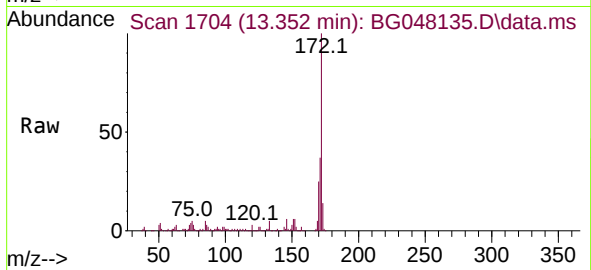




#45
2-Fluorobiphenyl
Concen: 91.03 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

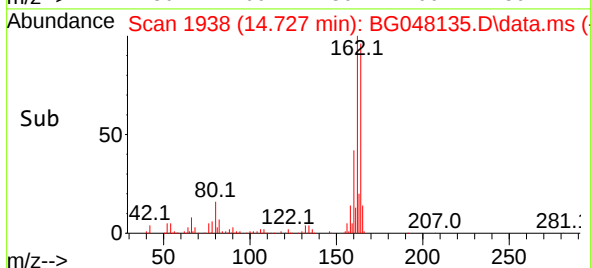
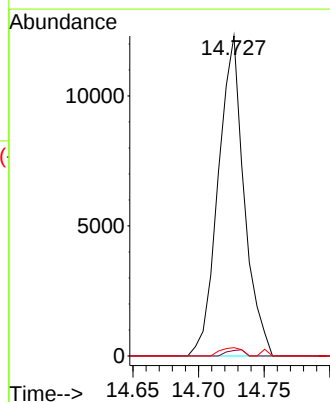
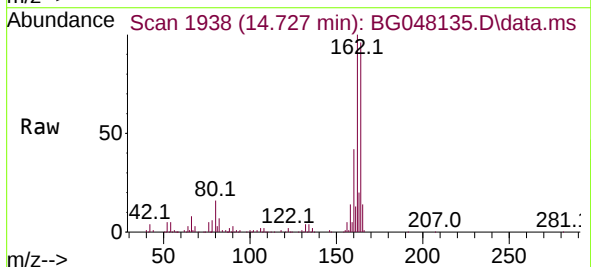
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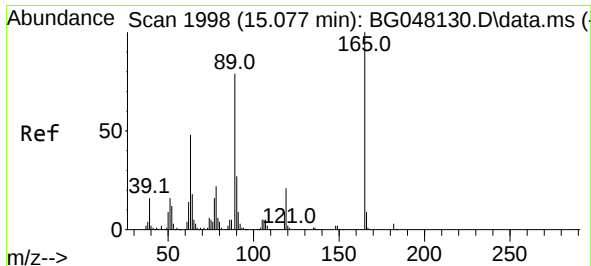
Tgt Ion:172 Resp: 819919
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.12 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:165 Resp: 16901
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 2.6 36.6 54.8#

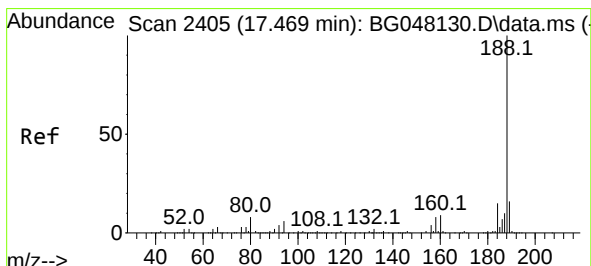
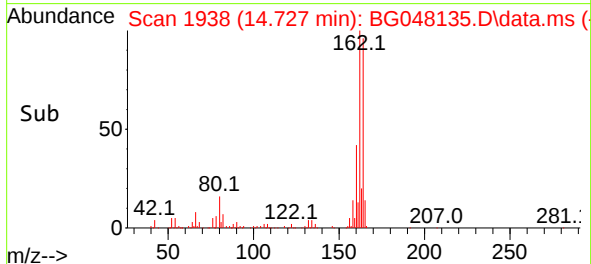
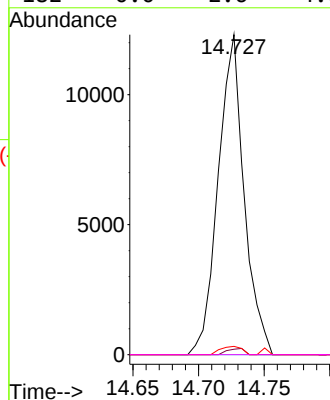
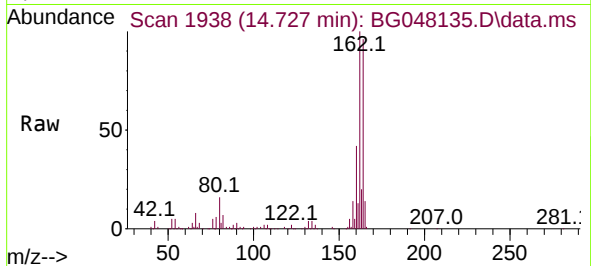




#57
2,4-Dinitrotoluene
Concen: 4.93 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.350 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

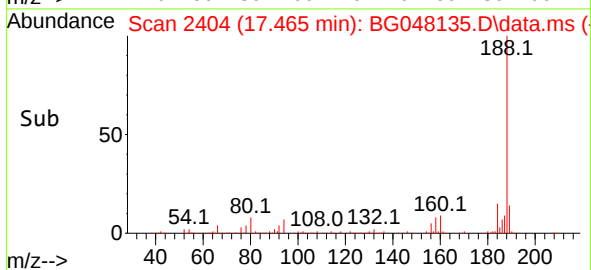
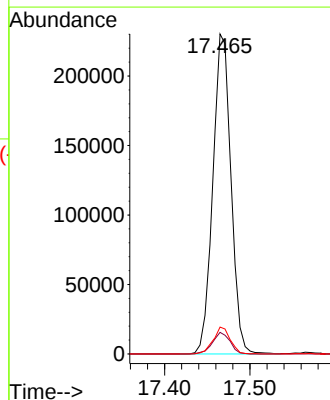
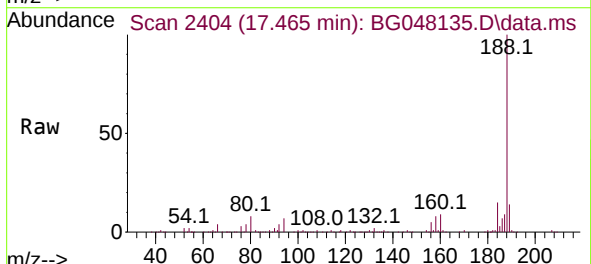
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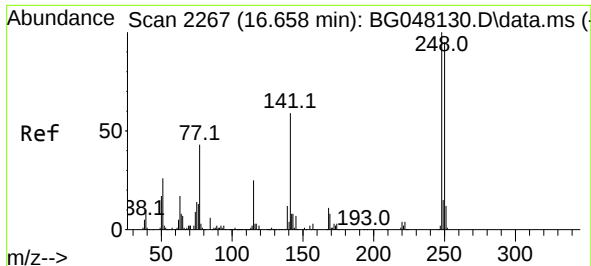
Tgt Ion:165 Resp: 16901
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.465 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:188 Resp: 339891
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 8.4 7.0 10.6

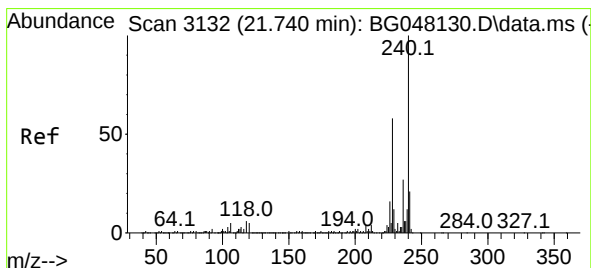
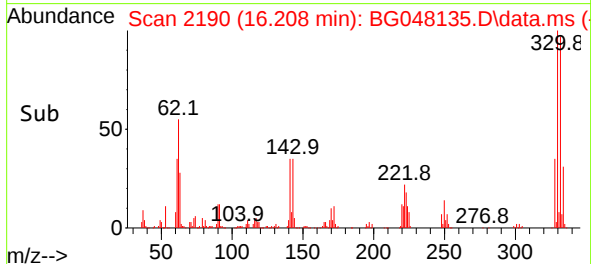
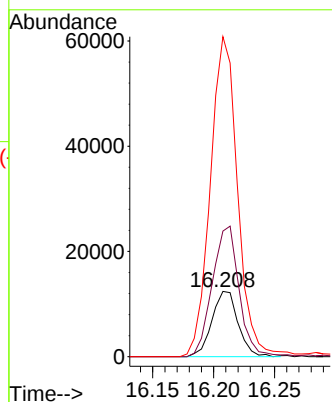
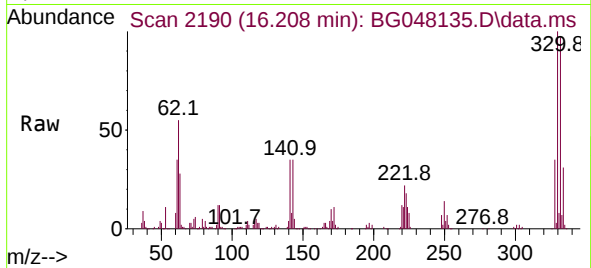




#67
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.450 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

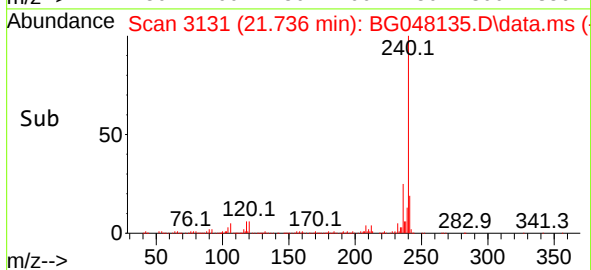
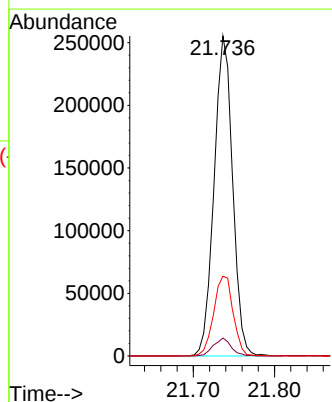
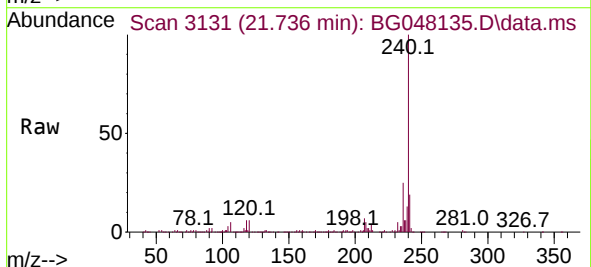
Instrument :
BNA_G
ClientSampleId :
PB134558BL

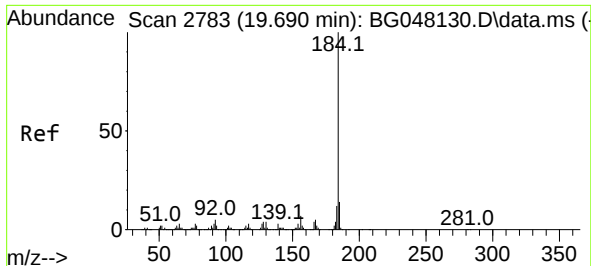
Tgt Ion:248 Resp: 18555
Ion Ratio Lower Upper
248 100
250 192.5 78.9 118.3#
141 490.2 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.736 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:240 Resp: 404508
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 25.0 20.5 30.7

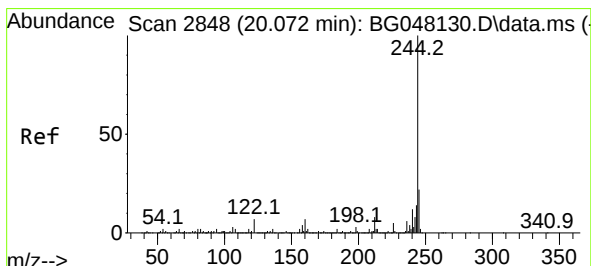
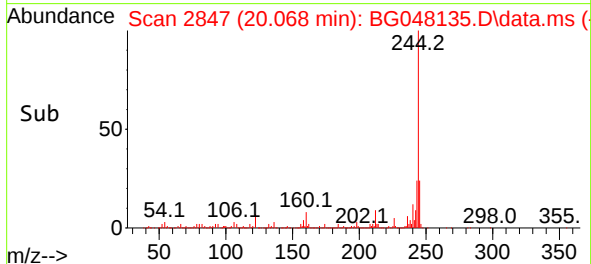
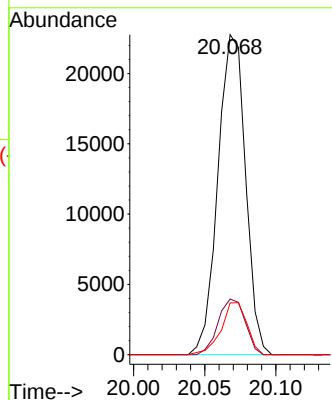
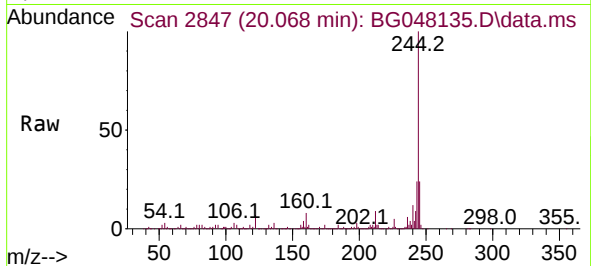




#77
Benzidine
Concen: 2.32 ng
RT: 20.068 min Scan# 2847
Delta R.T. 0.378 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

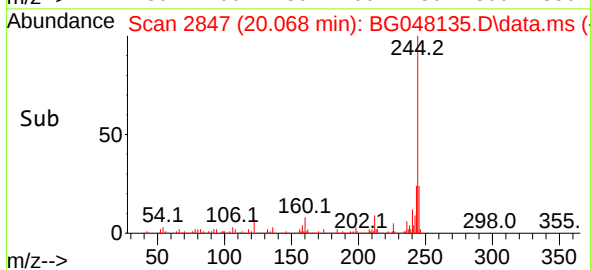
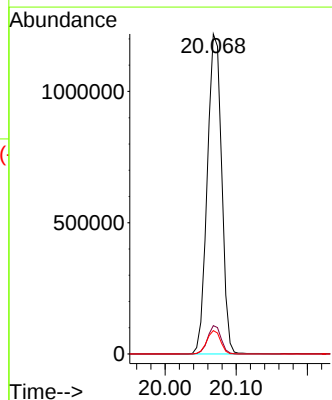
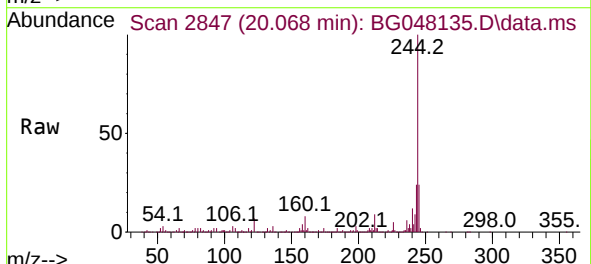
Instrument :
BNA_G
ClientSampleId :
PB134558BL

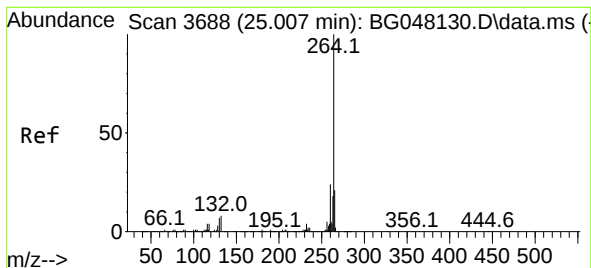
Tgt Ion:184 Resp: 30702
Ion Ratio Lower Upper
184 100
185 17.4 12.4 18.6
183 16.1 10.6 15.8#



#79
Terphenyl-d14
Concen: 77.47 ng
RT: 20.068 min Scan# 2847
Delta R.T. -0.004 min
Lab File: BG048135.D
Acq: 10 Feb 2021 18:18

Tgt Ion:244 Resp: 1714929
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: 25.003 min Scan# 3687

Delta R.T. -0.004 min

Lab File: BG048135.D

Acq: 10 Feb 2021 18:18

Instrument :

BNA_G

ClientSampleId :

PB134558BL

Tgt Ion:264 Resp: 382693

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.8 26.8

