

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048649.D
 Acq On : 9 Apr 2021 17:42
 Operator : CG/JU
 Sample : PB135656BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135656BL

Quant Time: Apr 10 00:53:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

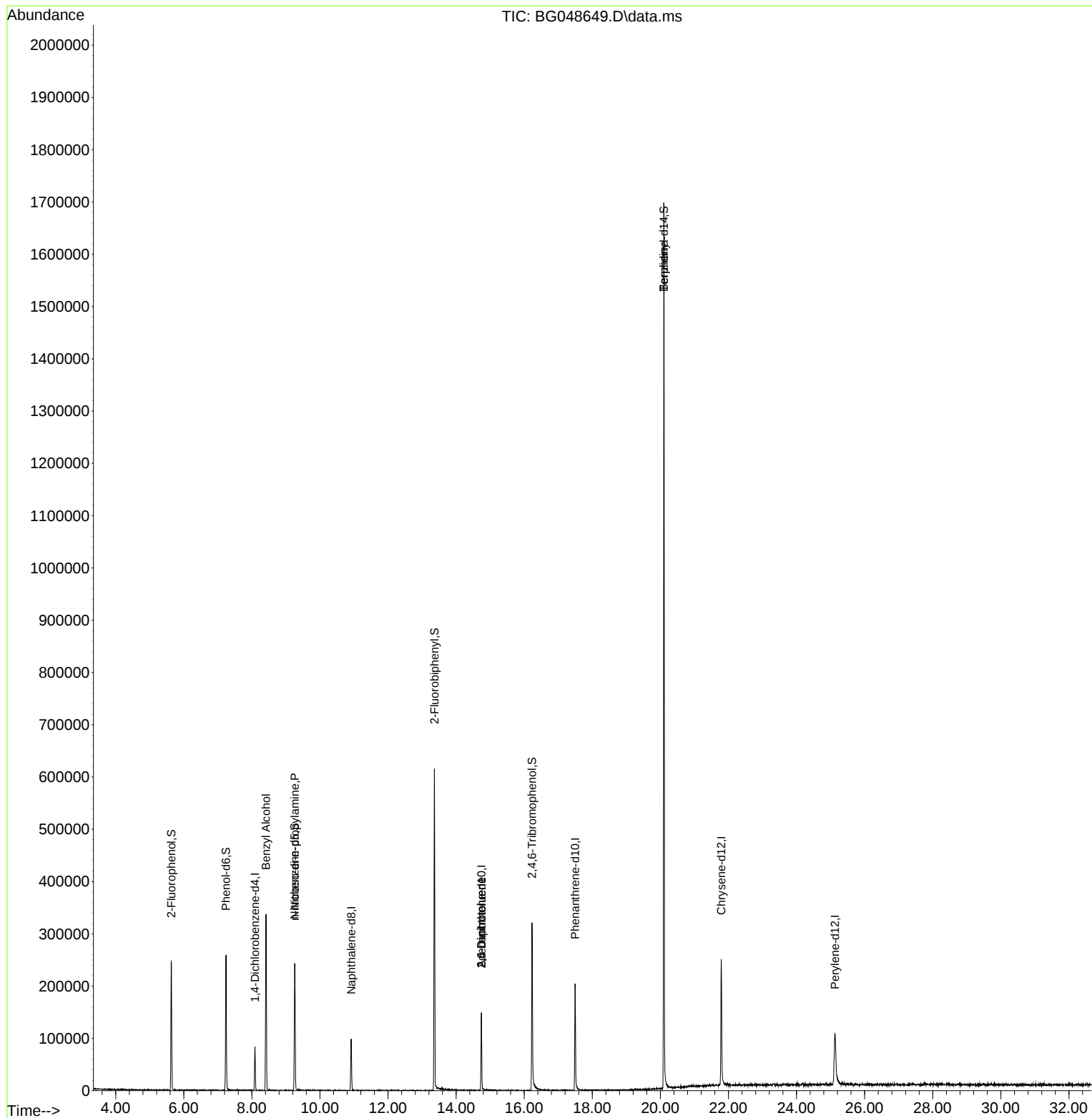
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	21854	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	85269	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	53464	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	149030	20.00	ng	0.00
76) Chrysene-d12	21.787	240	165305	20.00	ng	#-0.01
86) Perylene-d12	25.130	264	143553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	104499	84.42	ng	0.00
7) Phenol-d6	7.239	99	131600	73.31	ng	0.00
23) Nitrobenzene-d5	9.255	82	142927	81.15	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	66539	94.68	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	333350	92.67	ng	0.00
79) Terphenyl-d14	20.101	244	869136	96.15	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.415	79	3212	2.18	ng	# 50
19) n-Nitroso-di-n-propyla...	9.261	70	21968	17.75	ng	# 70
51) 2,6-Dinitrotoluene	14.742	165	8017	8.83	ng	# 21
57) 2,4-Dinitrotoluene	14.742	165	8017	6.24	ng	# 25
77) Benzidine	20.101	184	14014	2.50	ng	# 87

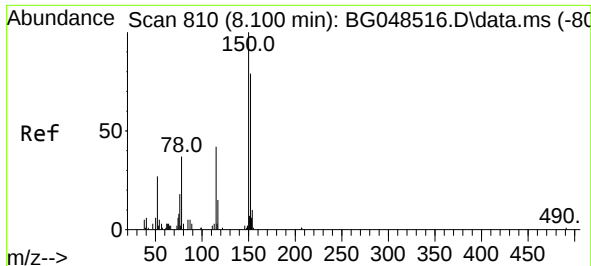
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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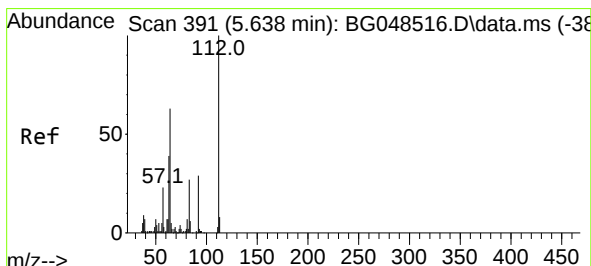
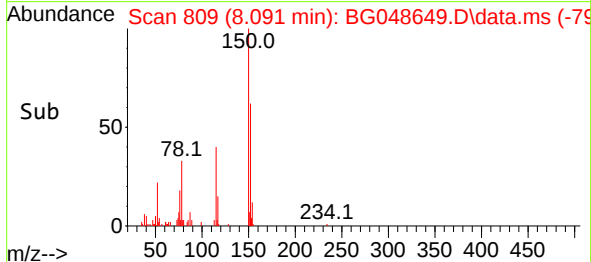
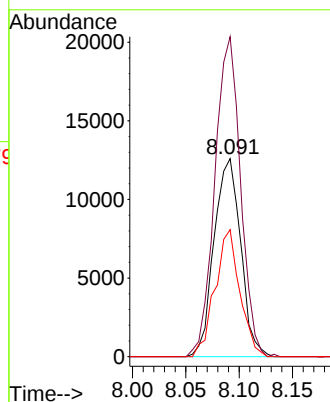
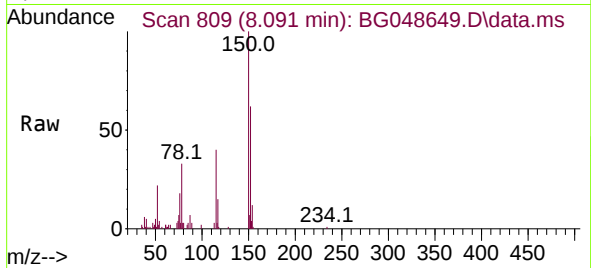




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

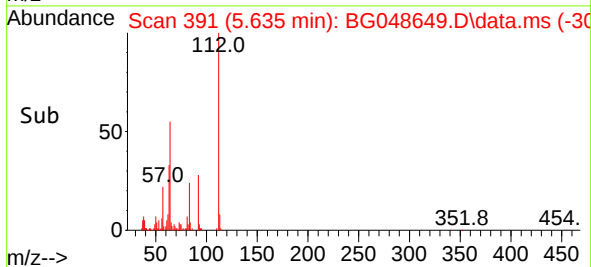
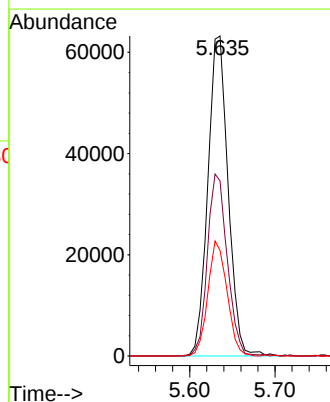
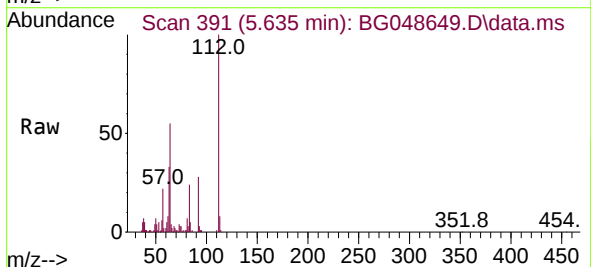
Instrument :
BNA_G
ClientSampleId :
PB135656BL

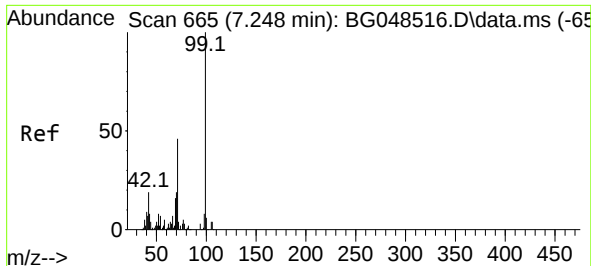
Tgt Ion:152 Resp: 21854
Ion Ratio Lower Upper
152 100
150 161.6 101.3 151.9#
115 64.2 42.3 63.5#



#5
2-Fluorophenol
Concen: 84.42 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion:112 Resp: 104499
Ion Ratio Lower Upper
112 100
64 54.7 50.4 75.6
63 32.9 31.4 47.2

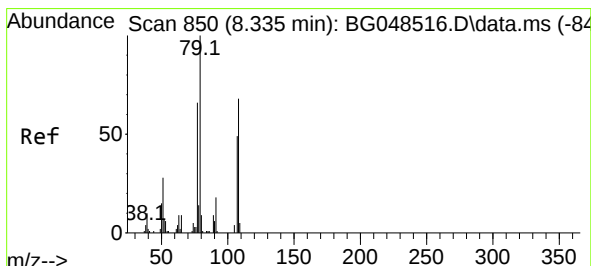
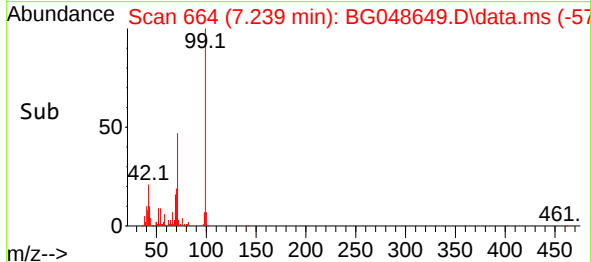
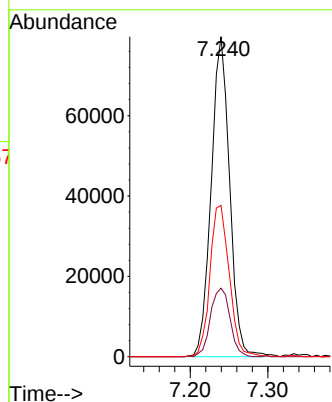
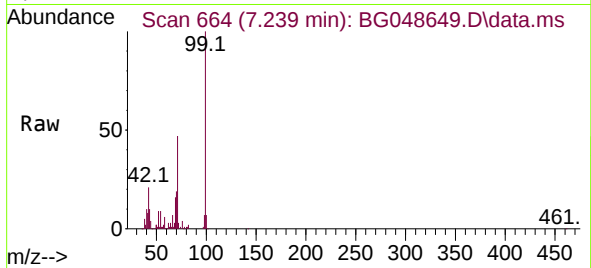




#7
Phenol-d6
Concen: 73.31 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

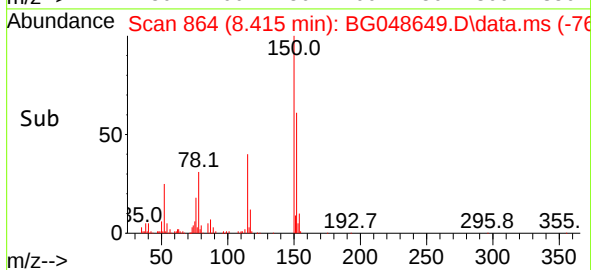
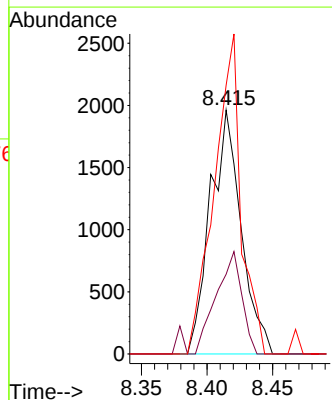
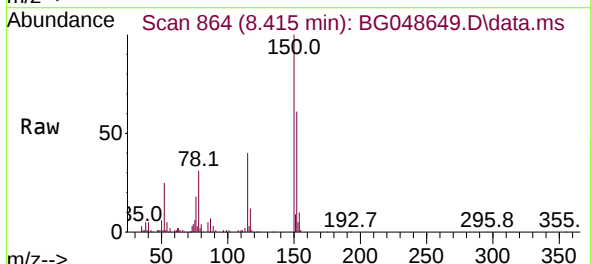
Instrument :
BNA_G
ClientSampleId :
PB135656BL

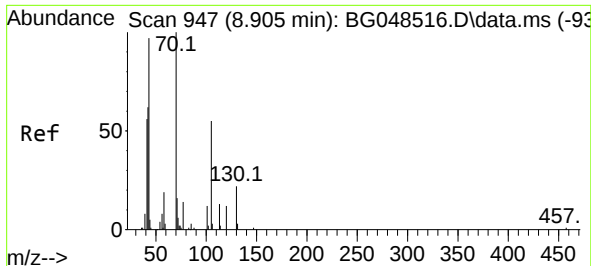
Tgt Ion: 99 Resp: 131600
Ion Ratio Lower Upper
99 100
42 21.4 15.5 23.3
71 47.2 36.6 54.8



#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 8.415 min Scan# 864
Delta R.T. 0.079 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion: 79 Resp: 3212
Ion Ratio Lower Upper
79 100
108 32.7 54.1 81.1#
77 110.2 52.6 79.0#

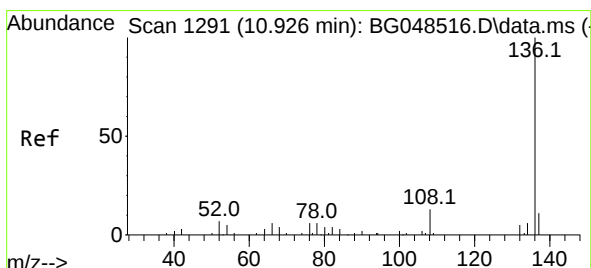
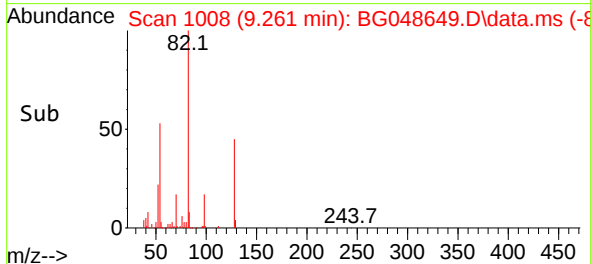
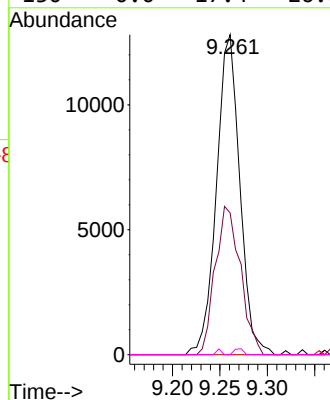
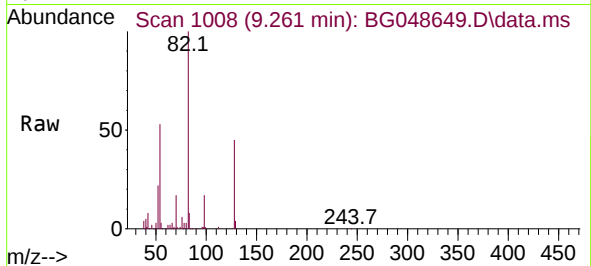




#19
n-Nitroso-di-n-propylamine
Concen: 17.75 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

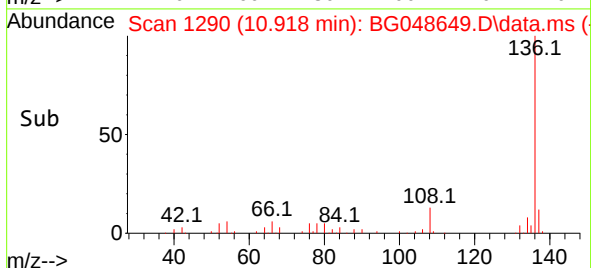
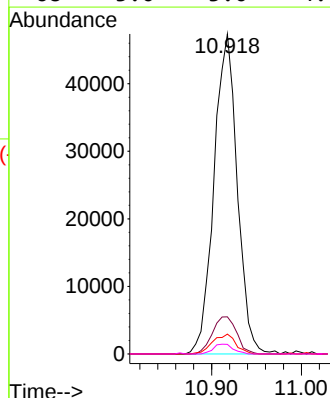
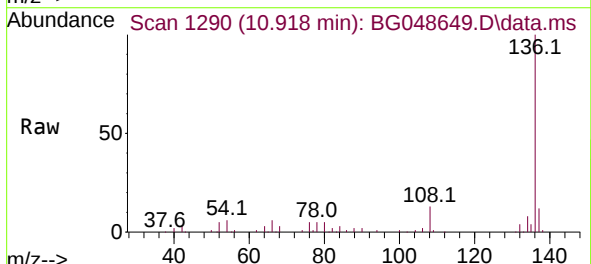
Instrument :
BNA_G
ClientSampleId :
PB135656BL

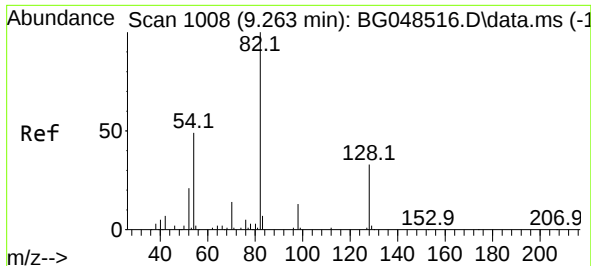
Tgt Ion: 70 Resp: 21968
Ion Ratio Lower Upper
70 100
42 44.3 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion: 136 Resp: 85269
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 6.2 4.2 6.4
68 3.0 3.0 4.4

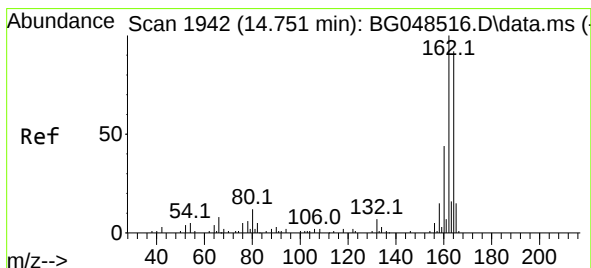
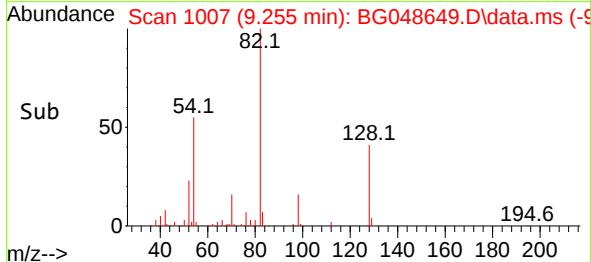
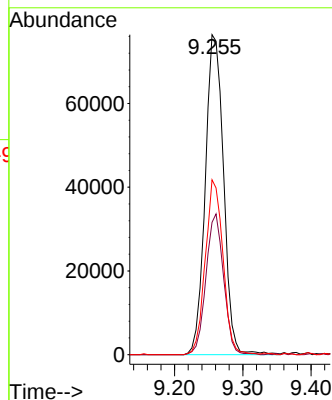
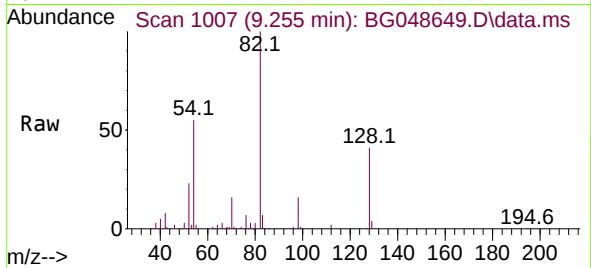




#23
Nitrobenzene-d5
Concen: 81.15 ng
RT: 9.255 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

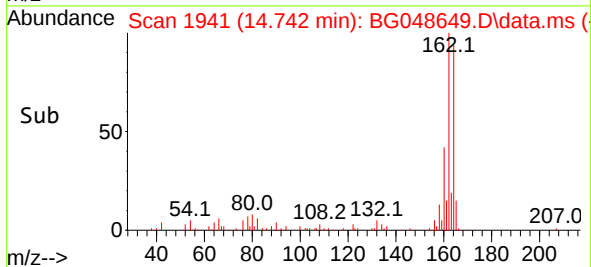
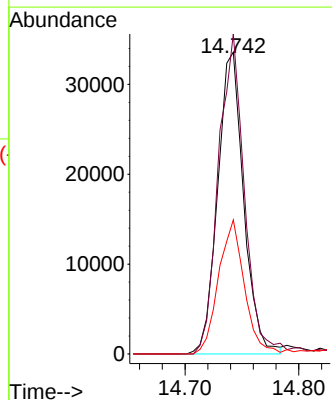
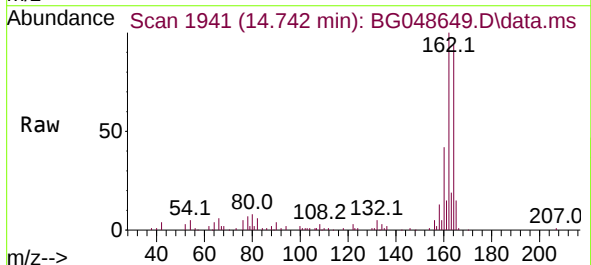
Instrument :
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ClientSampleId :
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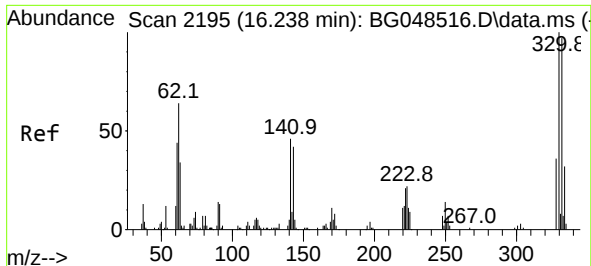
Tgt Ion: 82 Resp: 142927
Ion Ratio Lower Upper
82 100
128 41.3 26.2 39.4#
54 54.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion: 164 Resp: 53464
Ion Ratio Lower Upper
164 100
162 106.0 87.0 130.6
160 44.4 38.4 57.6

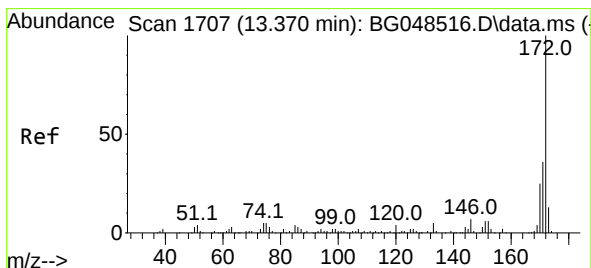
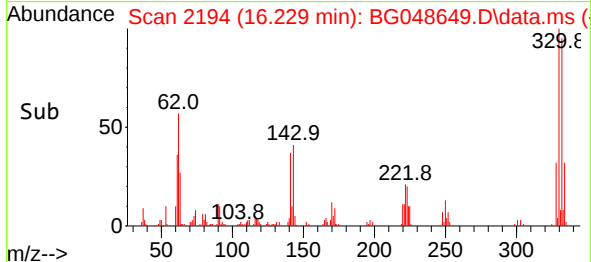
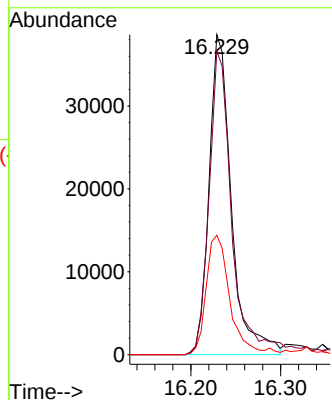
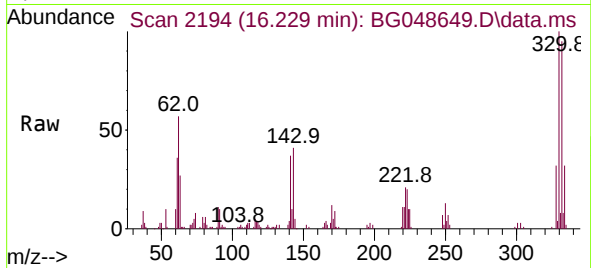




#42
2,4,6-Tribromophenol
Concen: 94.68 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

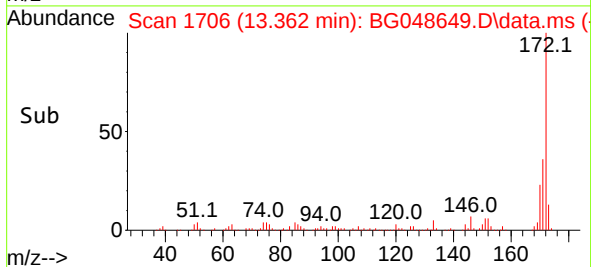
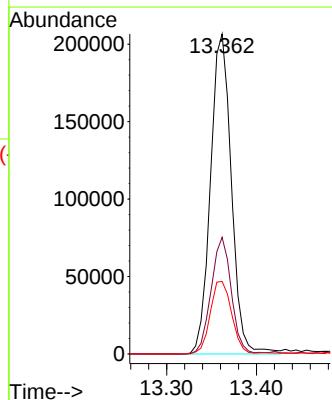
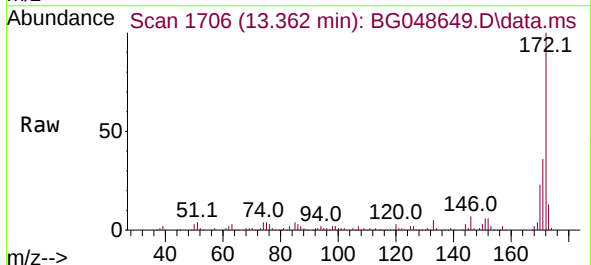
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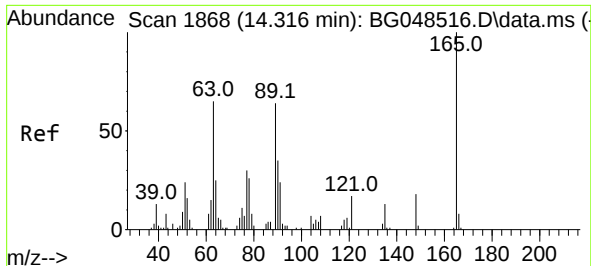
Tgt Ion:330 Resp: 66539
Ion Ratio Lower Upper
330 100
332 98.7 77.6 116.4
141 39.1 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 92.67 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion:172 Resp: 333350
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 22.7 19.8 29.6

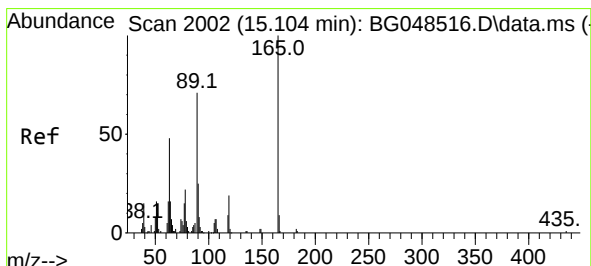
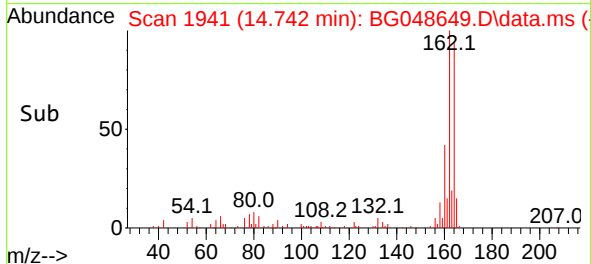
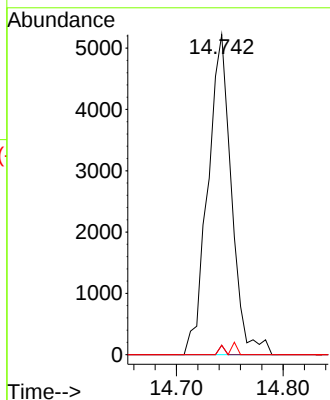
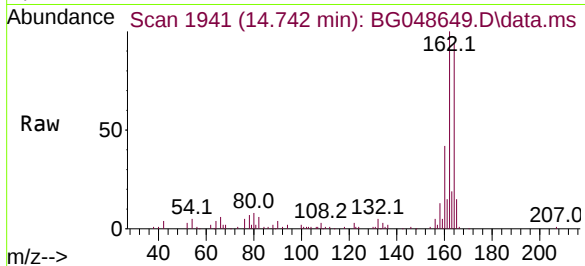




#51
2,6-Dinitrotoluene
Concen: 8.83 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

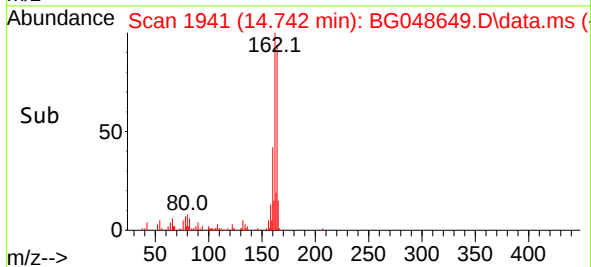
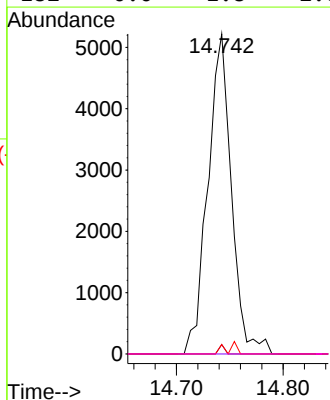
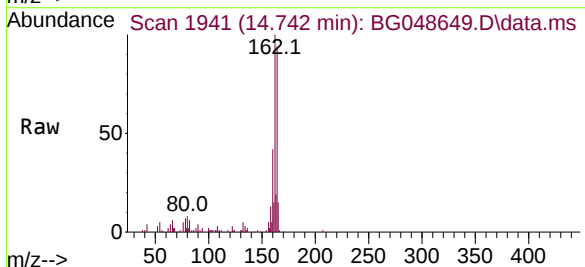
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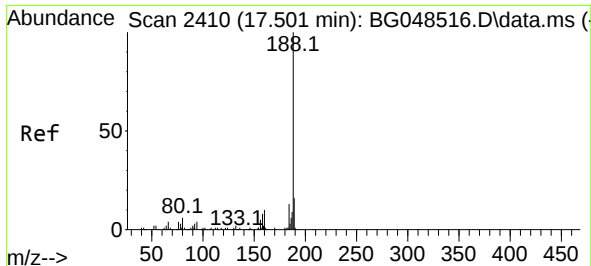
Tgt Ion:165 Resp: 8017
Ion Ratio Lower Upper
165 100
63 3.0 53.8 80.6#
89 3.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion:165 Resp: 8017
Ion Ratio Lower Upper
165 100
63 3.0 38.3 57.5#
89 3.0 56.5 84.7#
182 0.0 1.8 2.6#

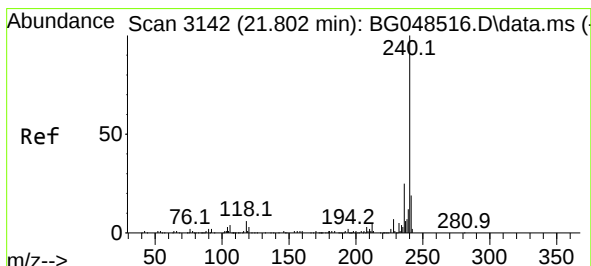
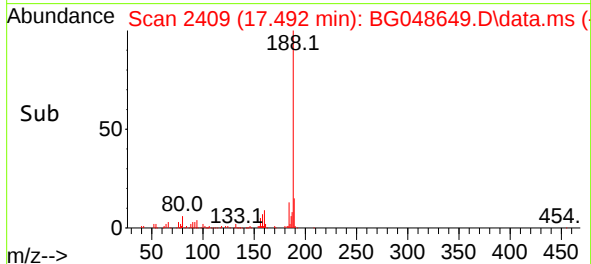
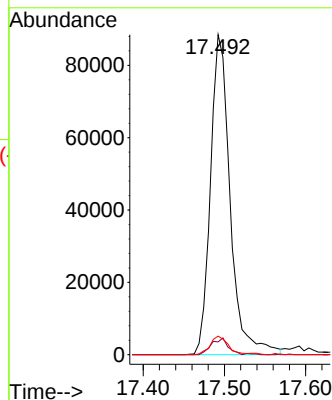
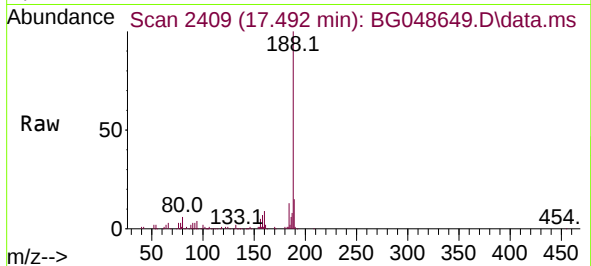




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

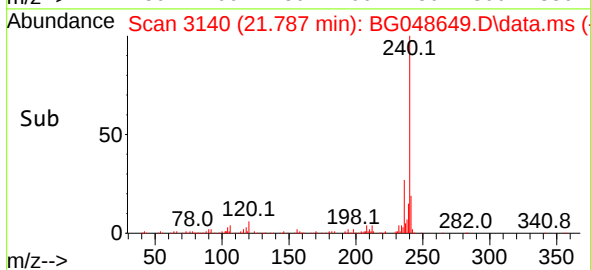
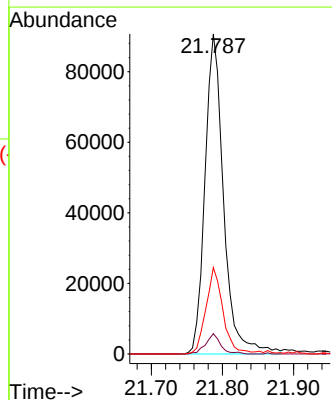
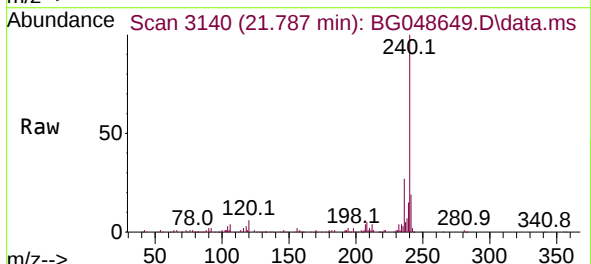
Instrument :
BNA_G
ClientSampleId :
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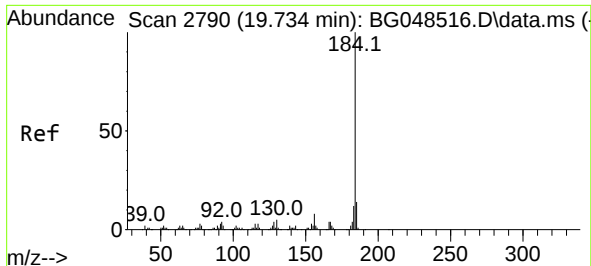
Tgt Ion:188 Resp: 149030
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.6
80 5.8 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion:240 Resp: 165305
Ion Ratio Lower Upper
240 100
120 6.4 2.6 3.8#
236 27.0 19.8 29.6

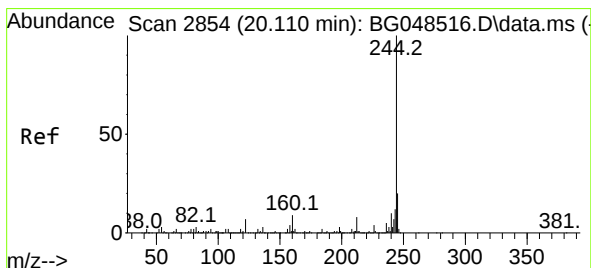
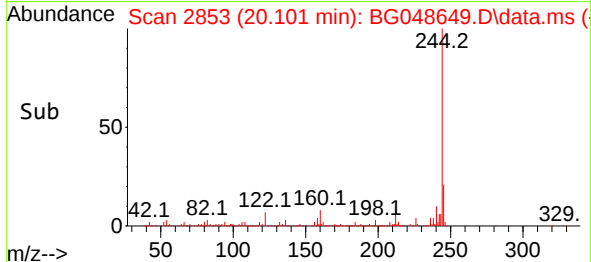
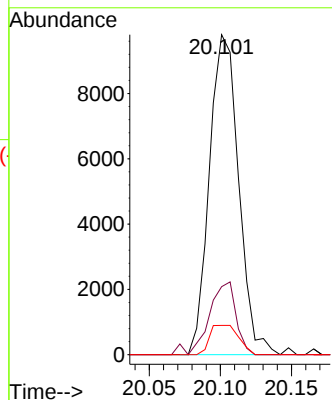
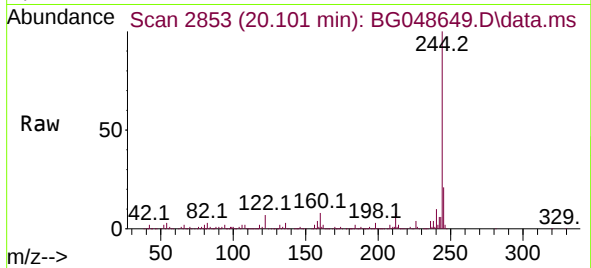




#77
Benzidine
Concen: 2.50 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.367 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

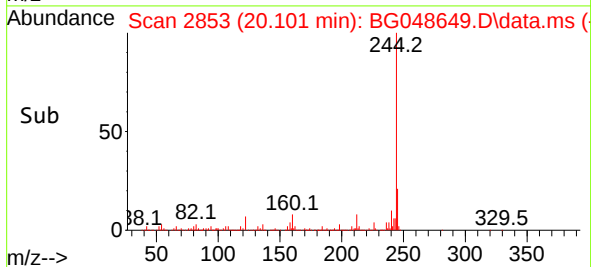
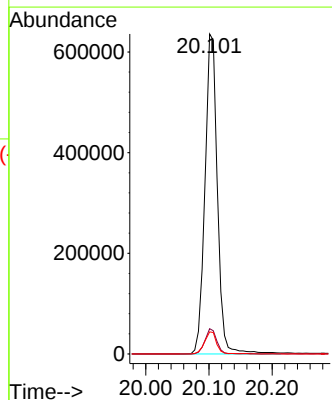
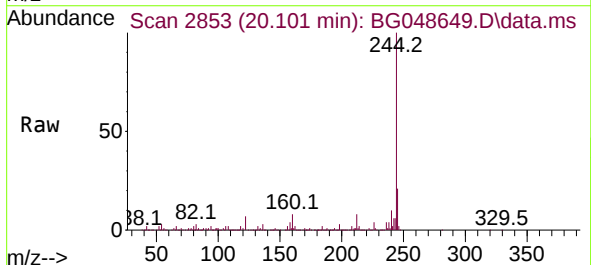
Instrument :
BNA_G
ClientSampleId :
PB135656BL

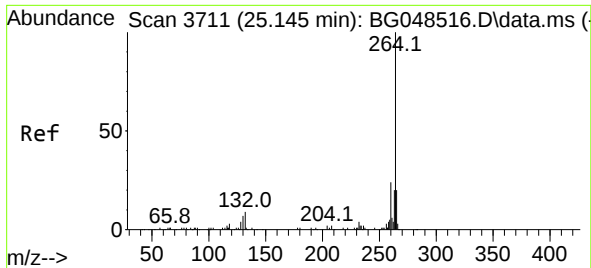
Tgt Ion:184 Resp: 14014
Ion Ratio Lower Upper
184 100
185 21.3 11.0 16.4#
183 9.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 96.15 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.009 min
Lab File: BG048649.D
Acq: 9 Apr 2021 17:42

Tgt Ion:244 Resp: 869136
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.015 min
 Lab File: BG048649.D
 Acq: 9 Apr 2021 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PB135656BL

Tgt Ion:264 Resp: 143553
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 21.6 16.1 24.1

