

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048661.D
 Acq On : 12 Apr 2021 12:29
 Operator : CG/JU
 Sample : PB135596BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135596BL

Quant Time: Apr 12 13:09:53 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)

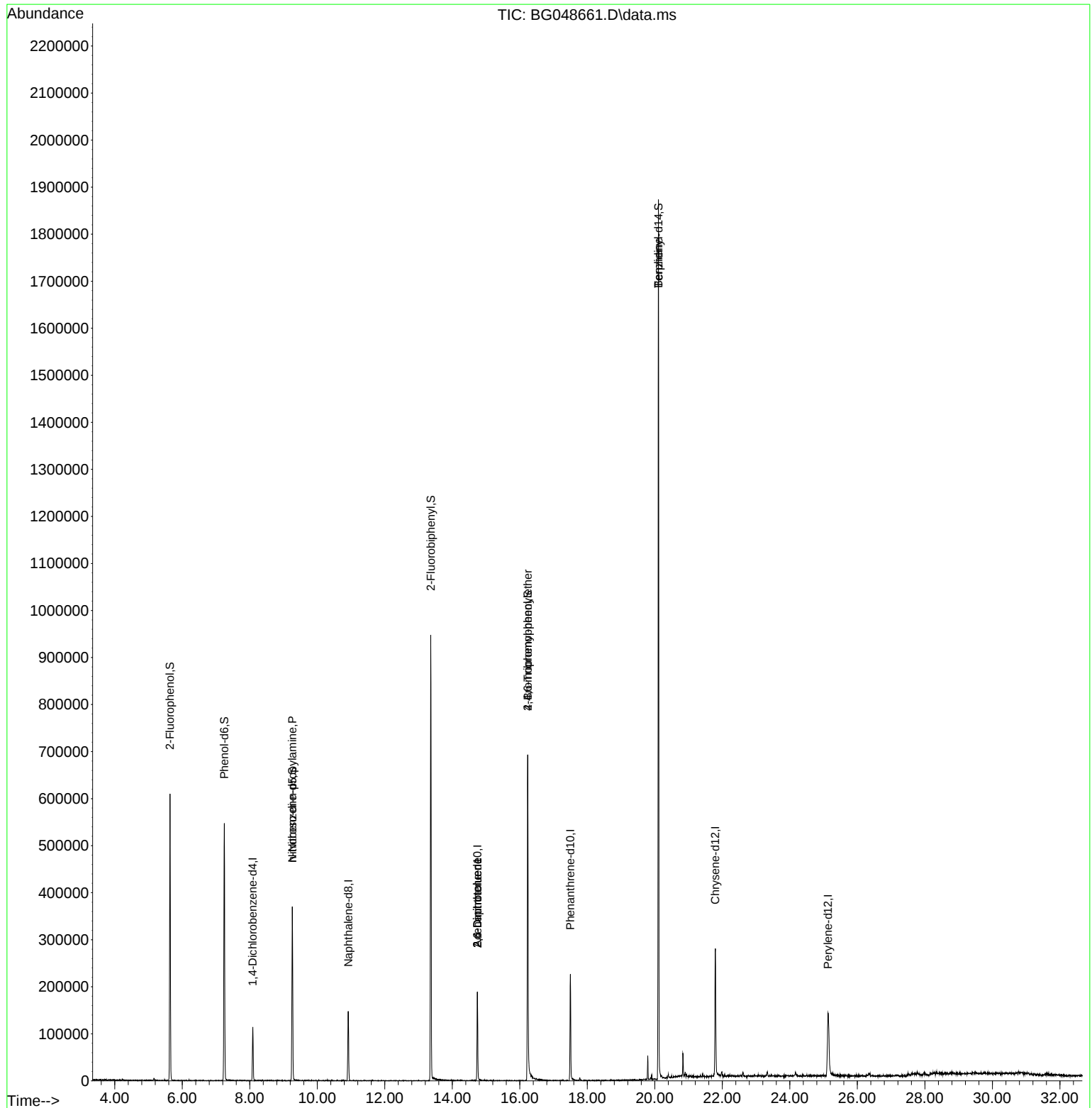
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	32624	20.00	ng	-0.01
21) Naphthalene-d8	10.918	136	130599	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	69208	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	152656	20.00	ng	0.00
76) Chrysene-d12	21.793	240	188613	20.00	ng	# 0.00
86) Perylene-d12	25.130	264	170291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	255559	138.30	ng	0.00
7) Phenol-d6	7.246	99	293567	109.54	ng	0.00
23) Nitrobenzene-d5	9.261	82	224602	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	145509	159.94	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	501904	107.79	ng	0.00
79) Terphenyl-d14	20.107	244	880680	85.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.261	70	32627	17.66	ng	# 68
51) 2,6-Dinitrotoluene	14.743	165	8940	7.61	ng	# 17
57) 2,4-Dinitrotoluene	14.743	165	8940	5.38	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	10061	5.95	ng	# 1
77) Benzidine	20.107	184	15895	2.49	ng	# 91

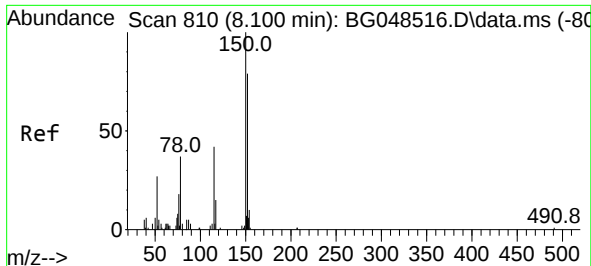
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
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Quant Time: Apr 12 13:09:53 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

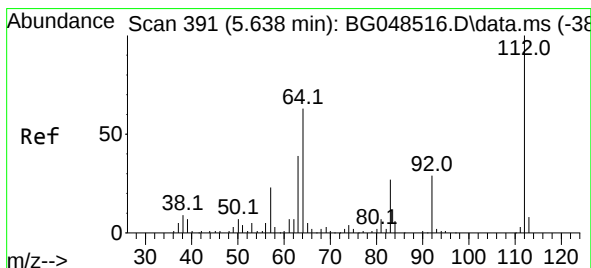
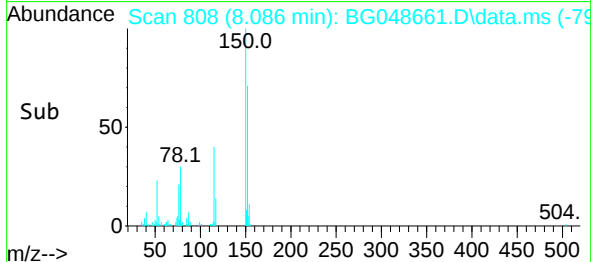
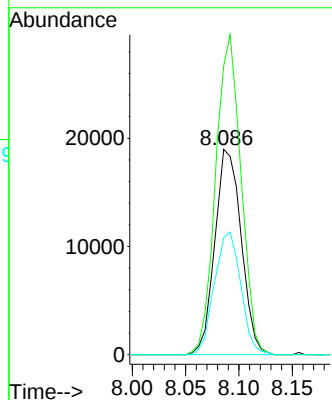
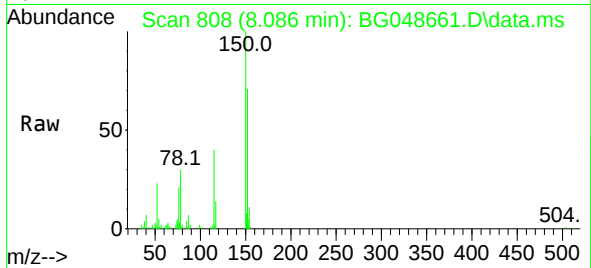




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.086 min Scan# 808
Delta R.T. -0.014 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

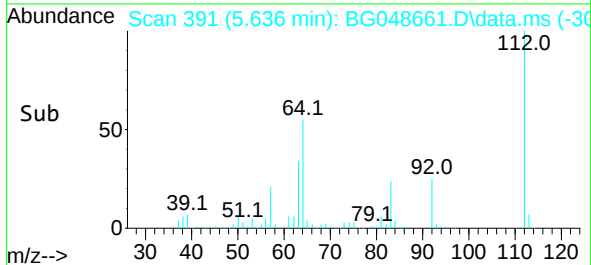
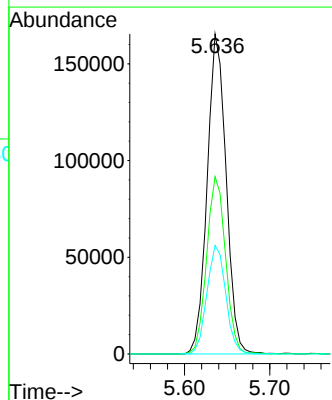
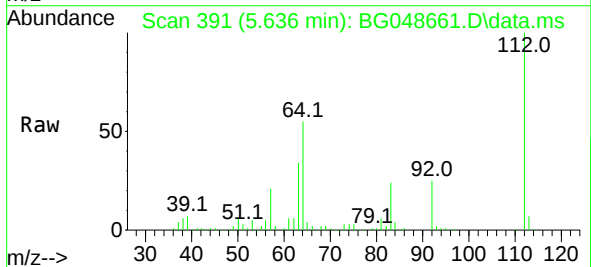
Instrument :
BNA_G
ClientSampleId :
PB135596BL

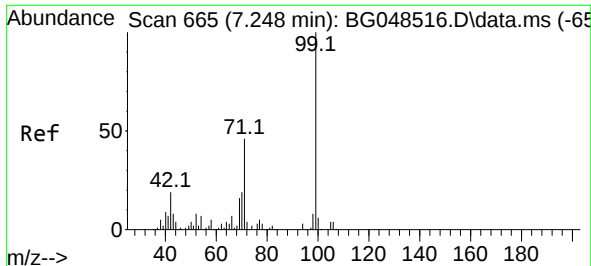
Tgt Ion:152 Resp: 32624
Ion Ratio Lower Upper
152 100
150 140.8 101.3 151.9
115 57.0 42.3 63.5



#5
2-Fluorophenol
Concen: 138.30 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

Tgt Ion:112 Resp: 255559
Ion Ratio Lower Upper
112 100
64 55.4 50.4 75.6
63 33.9 31.4 47.2

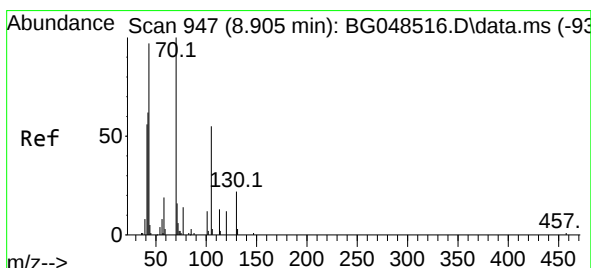
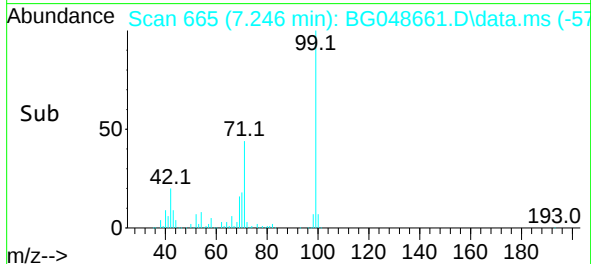
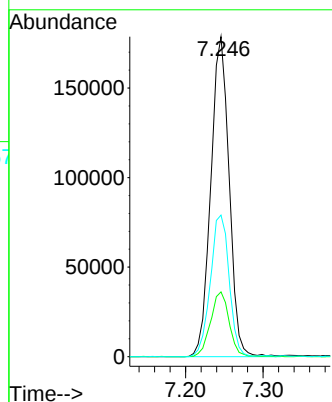
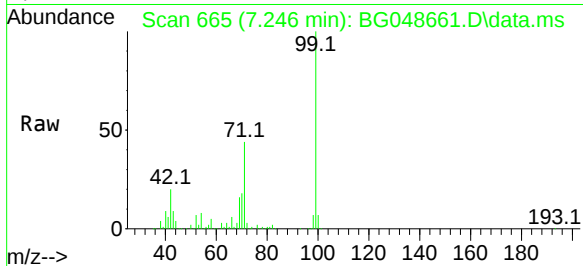




#7
Phenol-d6
Concen: 109.54 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

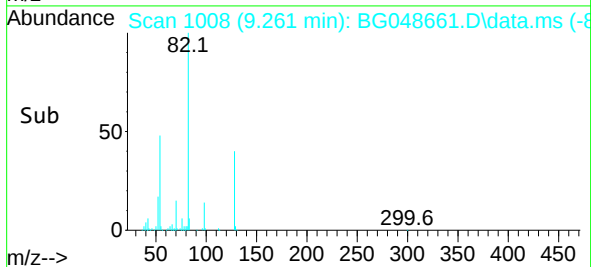
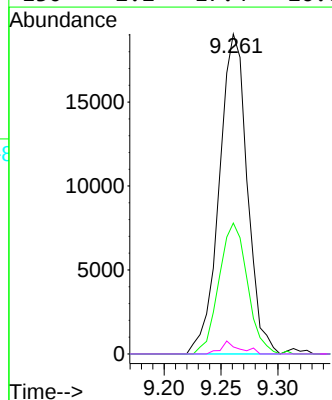
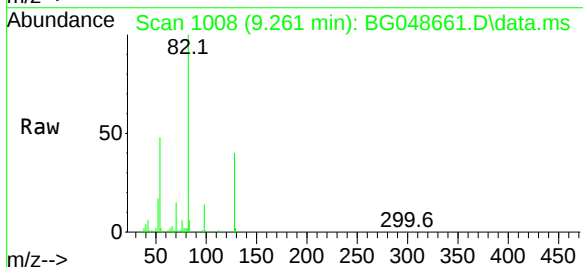
Instrument :
BNA_G
ClientSampleId :
PB135596BL

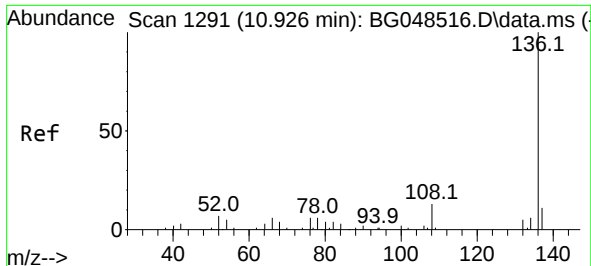
Tgt Ion:	99	Resp:	293567
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.5	23.3
71	44.3	36.6	54.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

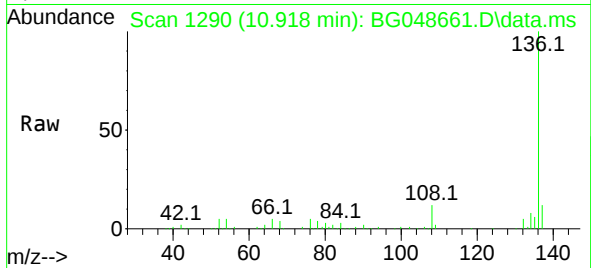
Tgt Ion:	70	Resp:	32627
Ion	Ratio	Lower	Upper
70	100		
42	40.9	50.8	76.2#
101	0.0	9.7	14.5#
130	2.2	17.4	26.0#



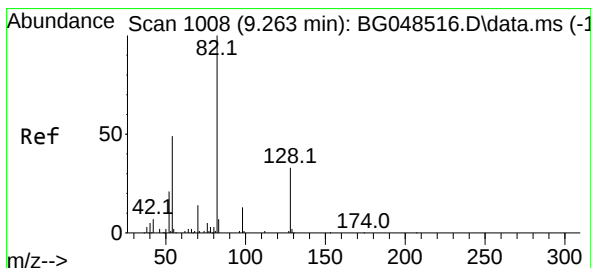
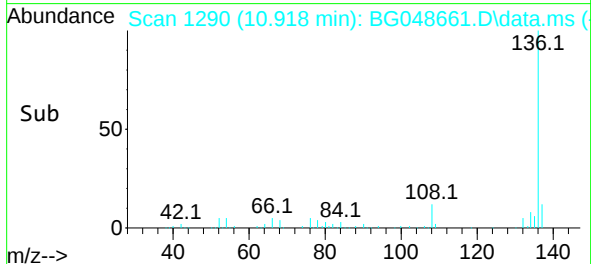
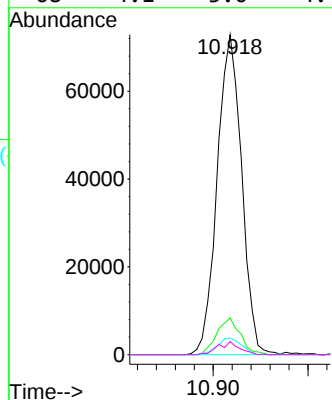


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

Instrument :
BNA_G
ClientSampleId :
PB135596BL

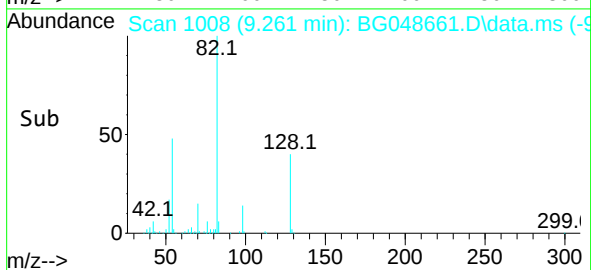
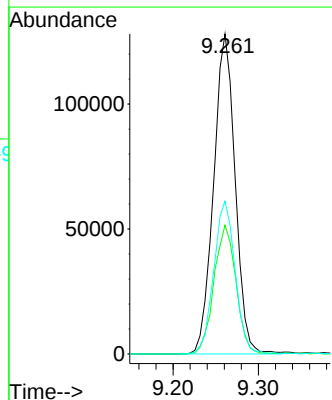
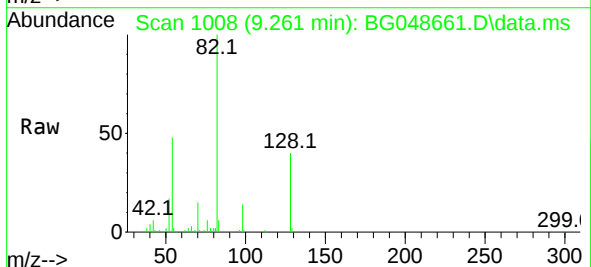


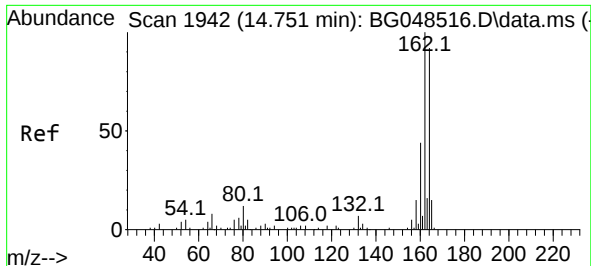
Tgt Ion:136 Resp: 130599
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 5.2 4.2 6.4
68 4.1 3.0 4.4



#23
Nitrobenzene-d5
Concen: 83.26 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

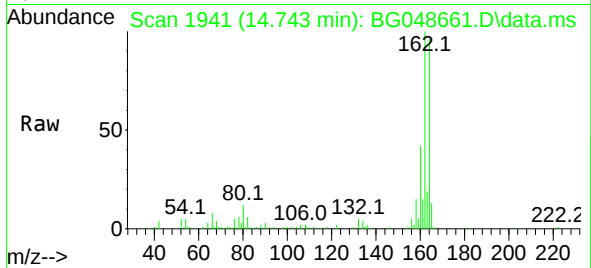
Tgt Ion: 82 Resp: 224602
Ion Ratio Lower Upper
82 100
128 40.3 26.2 39.4#
54 47.8 38.9 58.3



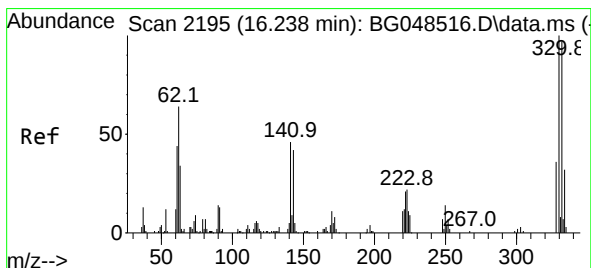
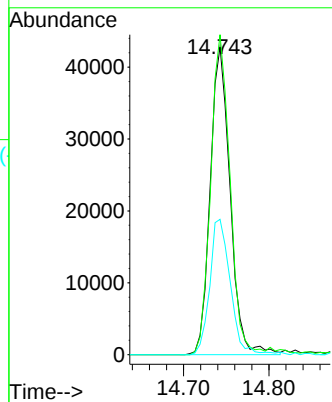
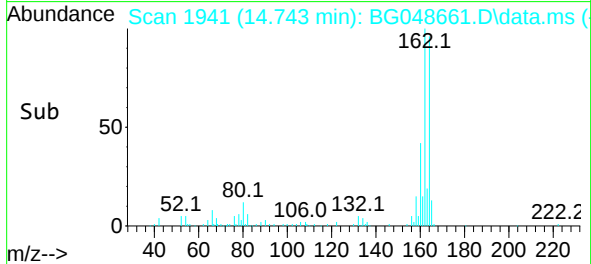


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

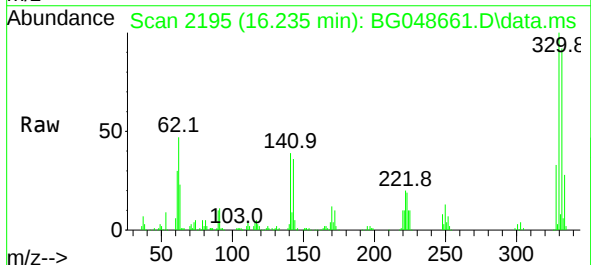
Instrument :
BNA_G
ClientSampleId :
PB135596BL



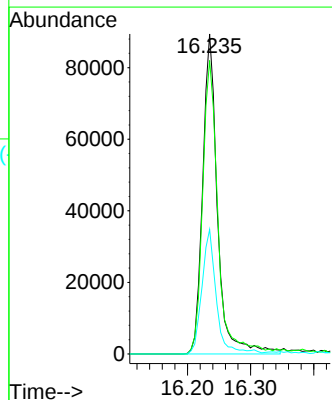
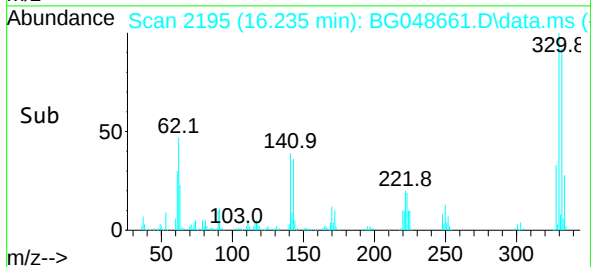
Tgt Ion:164 Resp: 69208
Ion Ratio Lower Upper
164 100
162 104.0 87.0 130.6
160 44.0 38.4 57.6

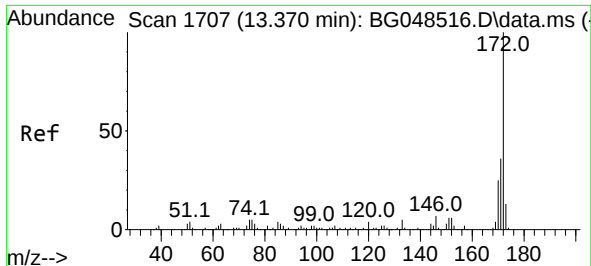


#42
2,4,6-Tribromophenol
Concen: 159.94 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29



Tgt Ion:330 Resp: 145509
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 37.8 34.6 52.0

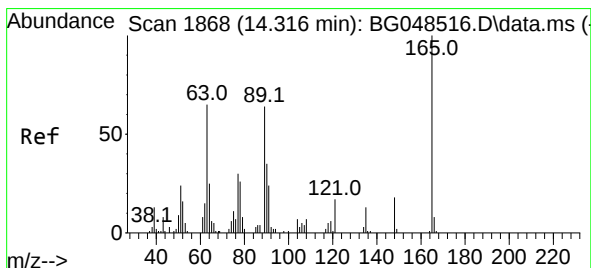
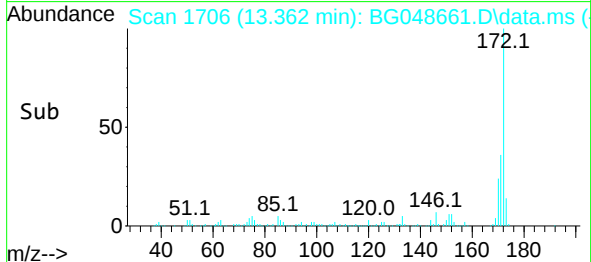
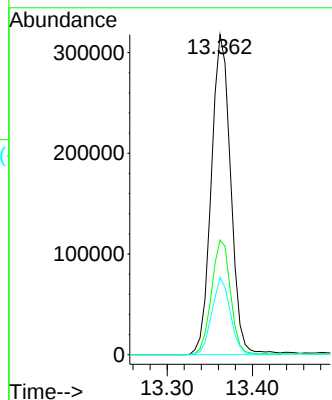
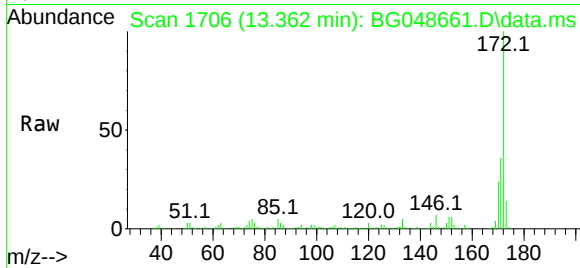




#45
2-Fluorobiphenyl
Concen: 107.79 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

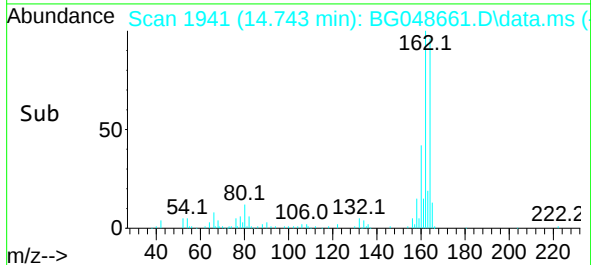
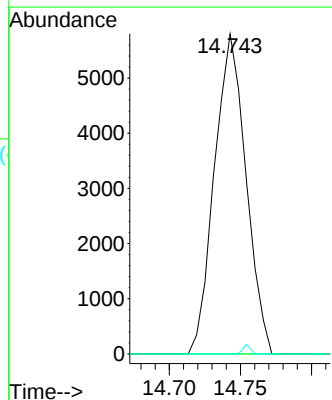
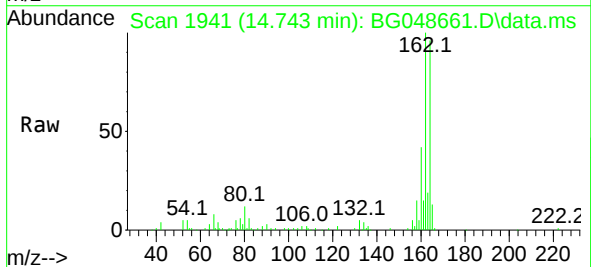
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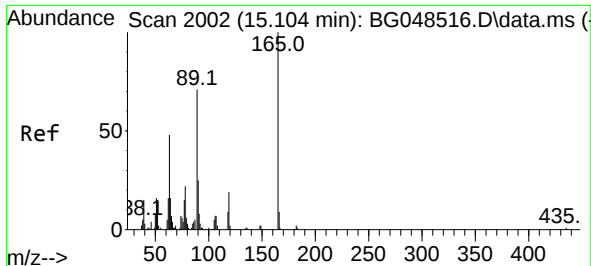
Tgt Ion:172 Resp: 501904
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

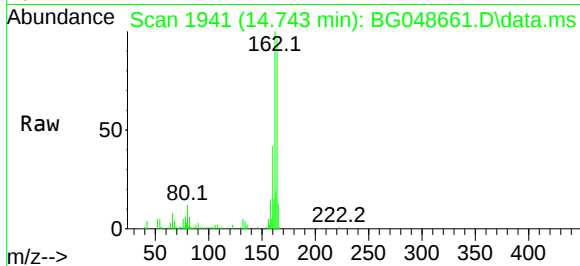
Tgt Ion:165 Resp: 8940
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



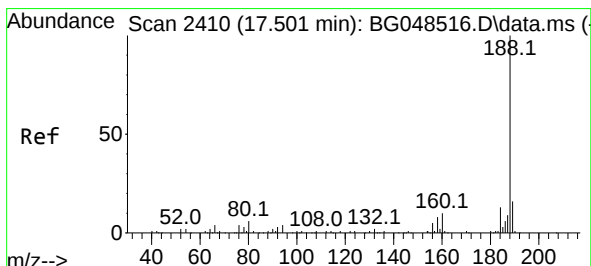
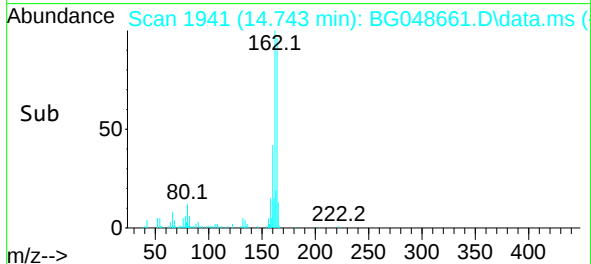
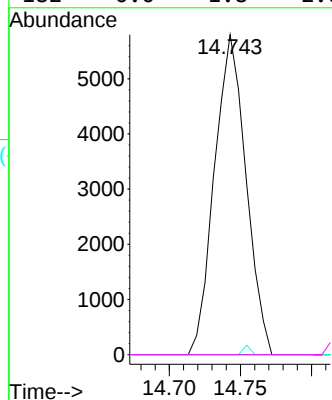


#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

Instrument :
BNA_G
ClientSampleId :
PB135596BL

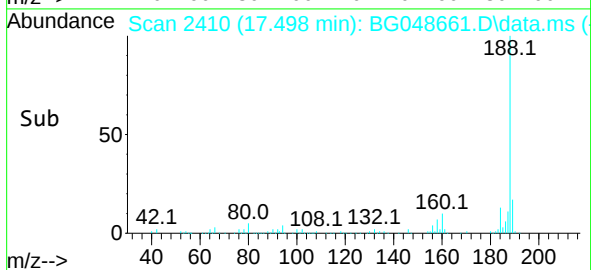
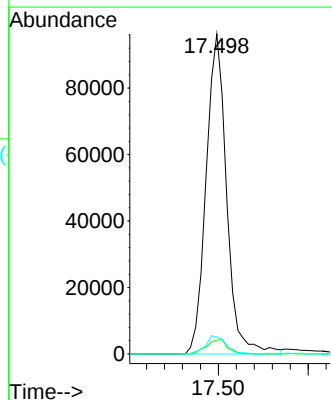
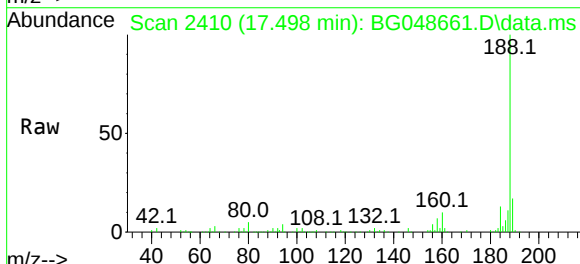


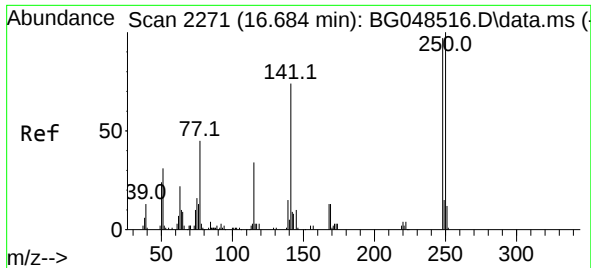
Tgt Ion:165 Resp: 8940
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

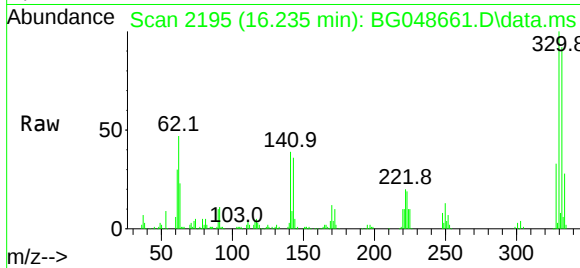
Tgt Ion:188 Resp: 152656
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.6
80 5.3 4.5 6.7



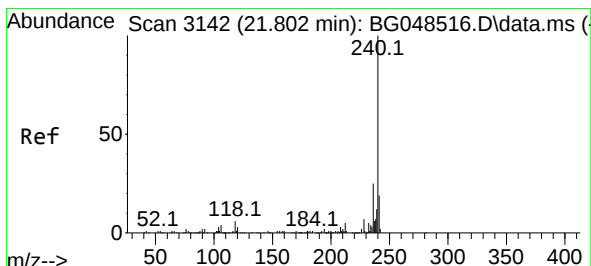
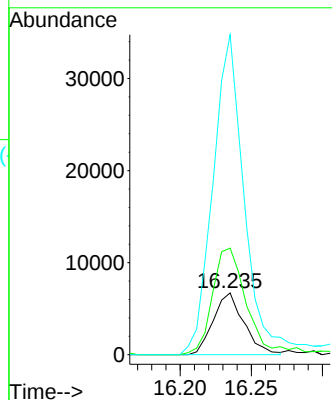
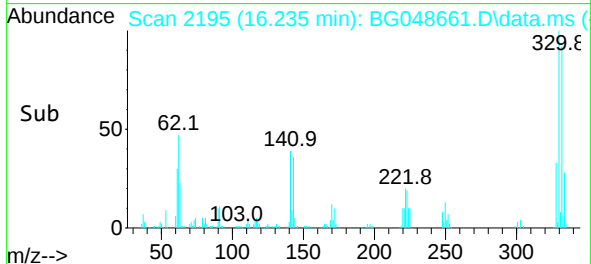


#67
4-Bromophenyl-phenylether
Concen: 5.95 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

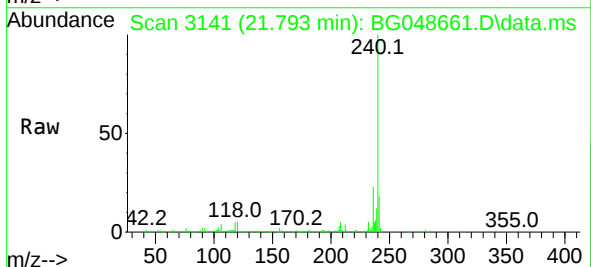
Instrument :
BNA_G
ClientSampleId :
PB135596BL



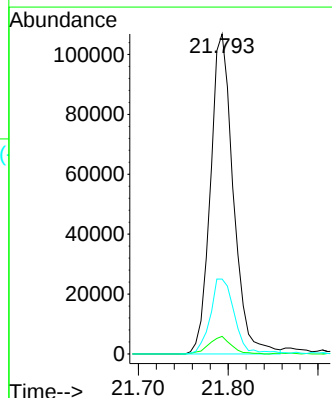
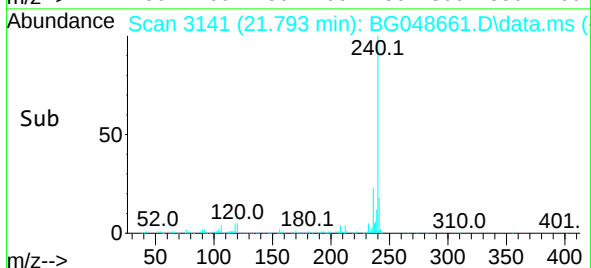
Tgt Ion:248 Resp: 10061
Ion Ratio Lower Upper
248 100
250 128.3 82.6 124.0#
141 385.2 61.0 91.6#

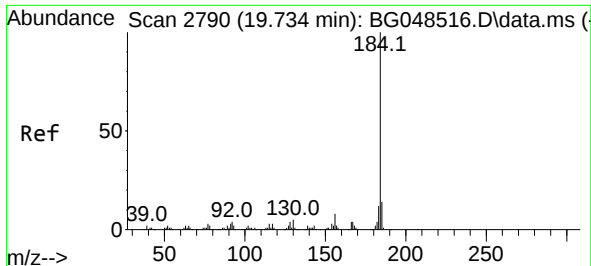


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29



Tgt Ion:240 Resp: 188613
Ion Ratio Lower Upper
240 100
120 5.5 2.6 3.8#
236 23.4 19.8 29.6

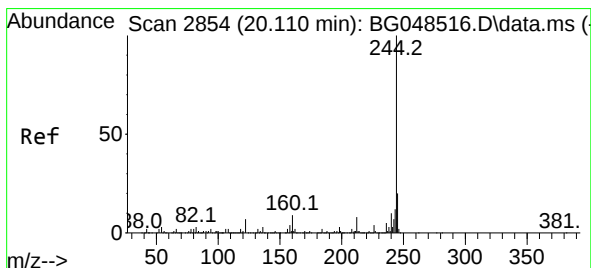
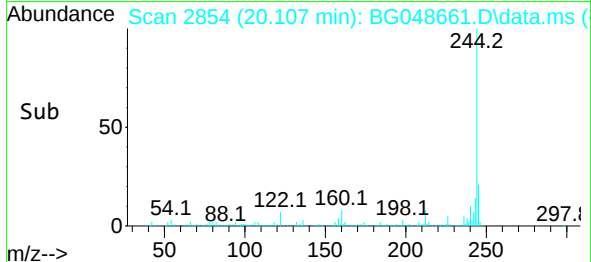
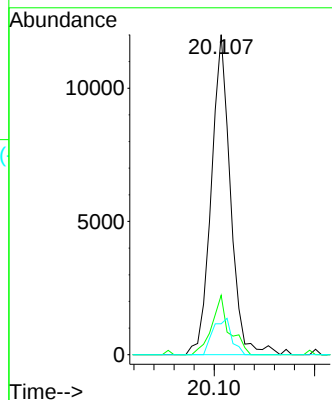
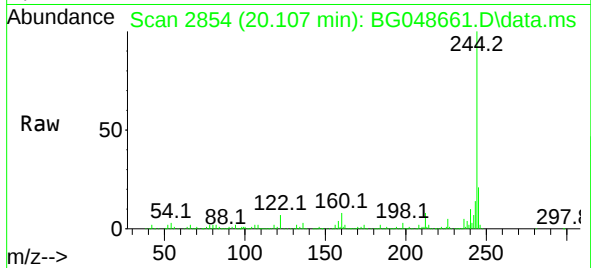




#77
Benzidine
Concen: 2.49 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

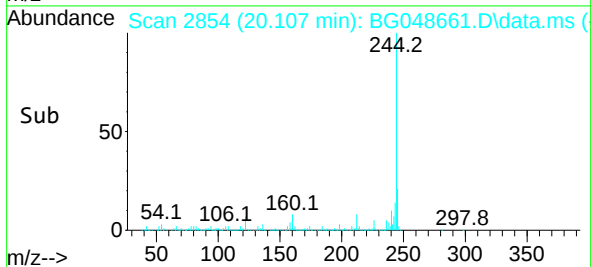
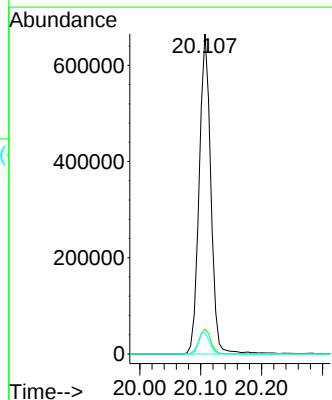
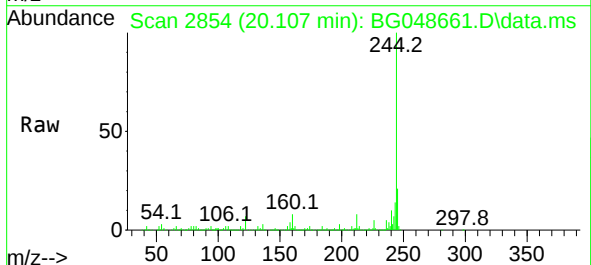
Instrument :
BNA_G
ClientSampleId :
PB135596BL

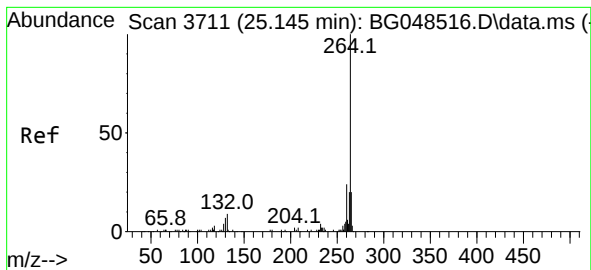
Tgt Ion:184 Resp: 15895
Ion Ratio Lower Upper
184 100
185 18.6 11.0 16.4#
183 9.6 9.2 13.8



#79
Terphenyl-d14
Concen: 85.39 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

Tgt Ion:244 Resp: 880680
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.130 min Scan# 3709
Delta R.T. -0.014 min
Lab File: BG048661.D
Acq: 12 Apr 2021 12:29

Instrument :
BNA_G
ClientSampleId :
PB135596BL

Tgt Ion:264 Resp: 170291

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.1	28.7
265	19.4	16.1	24.1

