

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048580.D
 Acq On : 5 Apr 2021 12:28
 Operator : CG/JU
 Sample : PB135503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135503BL

Quant Time: Apr 05 13:34:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

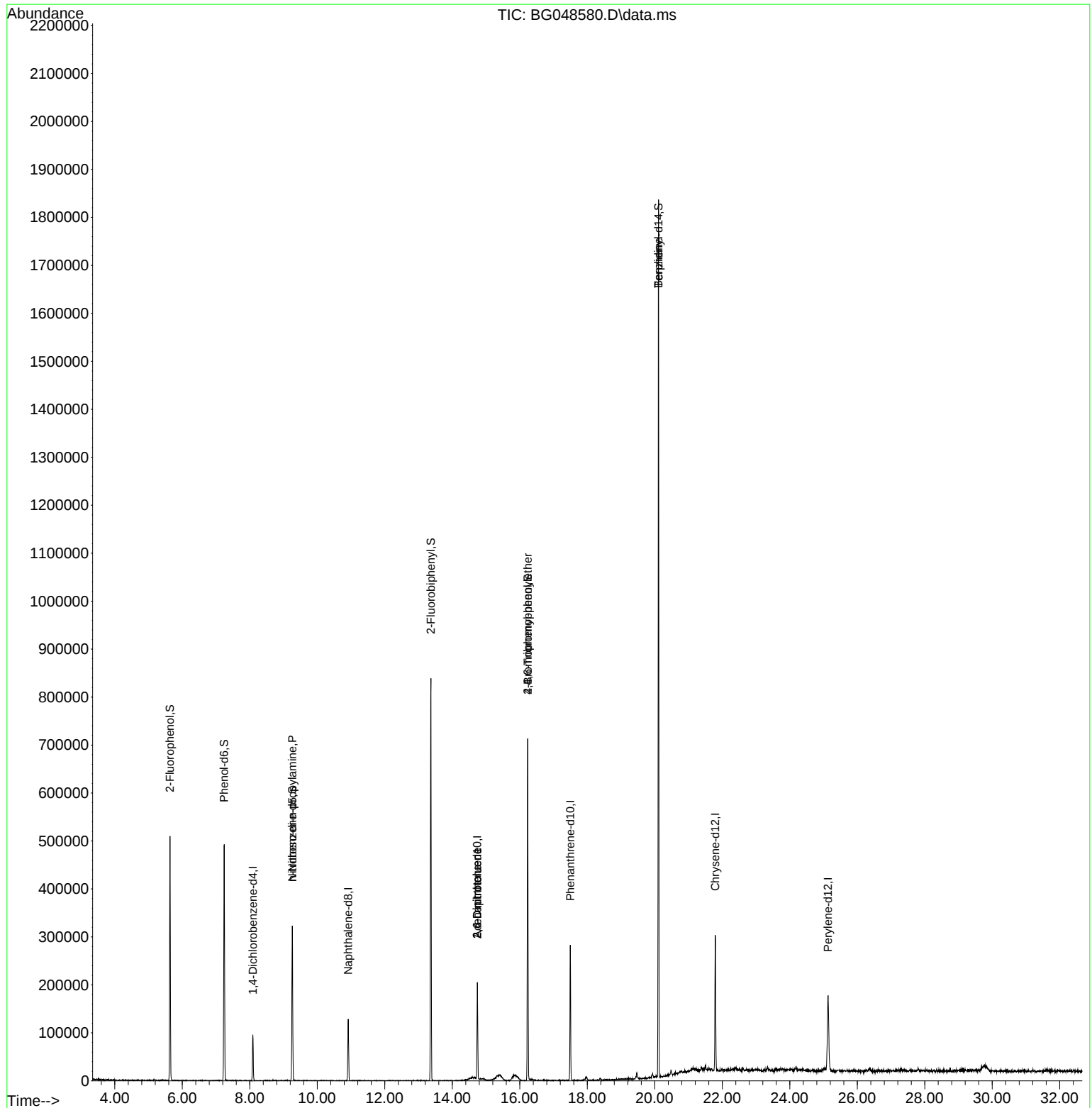
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	26206	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	103393	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	72220	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	175678	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	176487	20.00	ng	# 0.00
86) Perylene-d12	25.129	264	175595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	204973	138.09	ng	0.00
7) Phenol-d6	7.239	99	257881	119.79	ng	0.00
23) Nitrobenzene-d5	9.260	82	184843	86.56	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	120705	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	432187	88.95	ng	0.00
79) Terphenyl-d14	20.112	244	832022	86.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	28471	19.19	ng	# 75
51) 2,6-Dinitrotoluene	14.742	165	10094	8.23	ng	# 21
57) 2,4-Dinitrotoluene	14.742	165	10094	5.82	ng	# 26
67) 4-Bromophenyl-phenylether	16.234	248	9027	4.64	ng	# 1
77) Benzidine	20.112	184	15009	2.51	ng	96

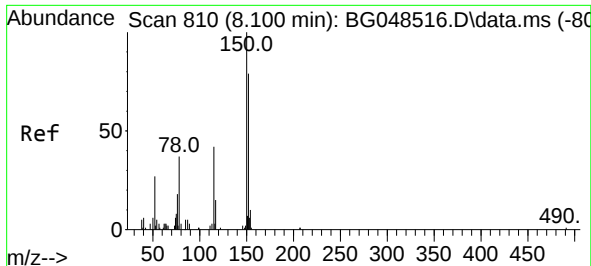
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
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Quant Time: Apr 05 13:34:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

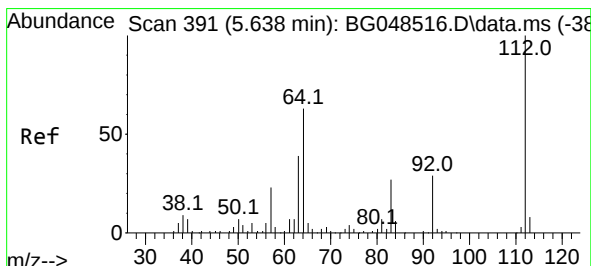
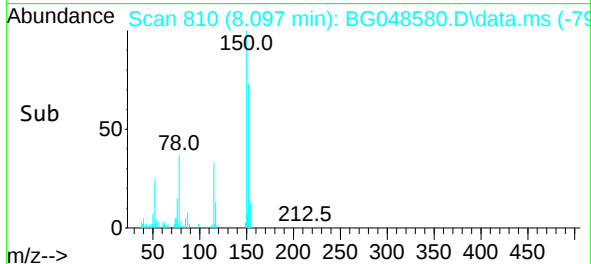
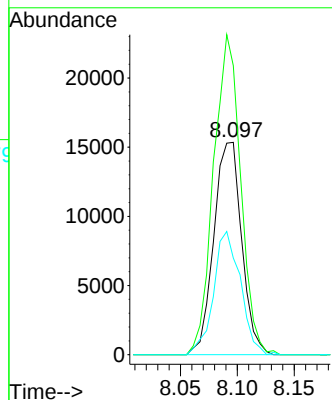
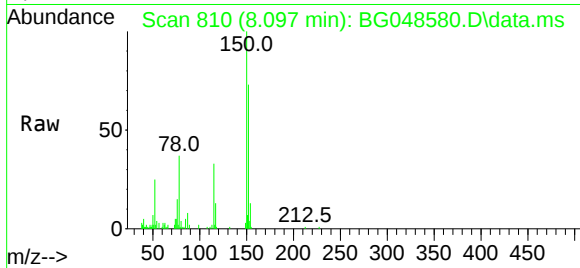




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

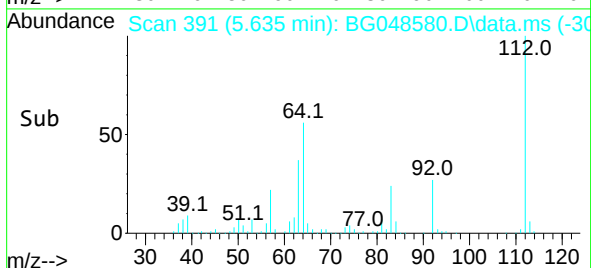
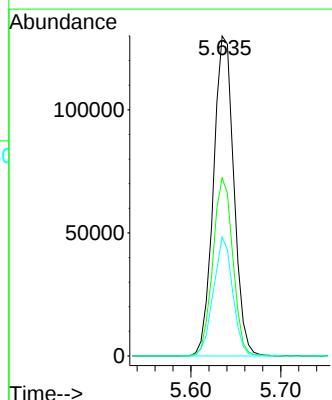
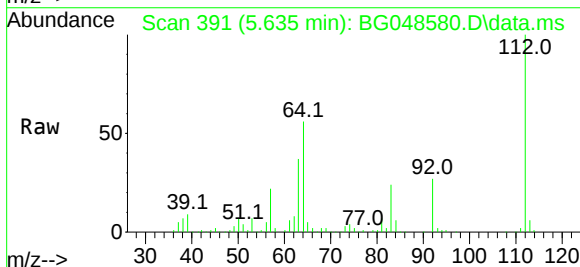
Instrument :
BNA_G
ClientSampleId :
PB135503BL

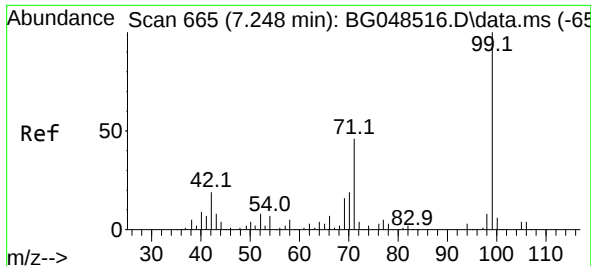
Tgt Ion:152 Resp: 26206
Ion Ratio Lower Upper
152 100
150 136.1 101.3 151.9
115 45.5 42.3 63.5



#5
2-Fluorophenol
Concen: 138.09 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Tgt Ion:112 Resp: 204973
Ion Ratio Lower Upper
112 100
64 55.7 50.4 75.6
63 37.2 31.4 47.2

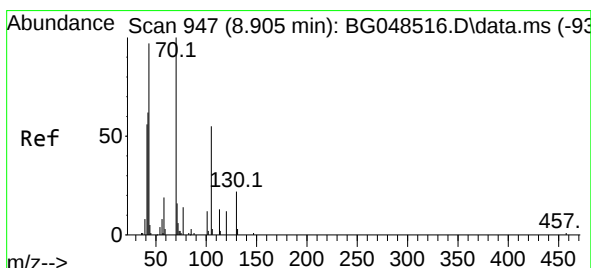
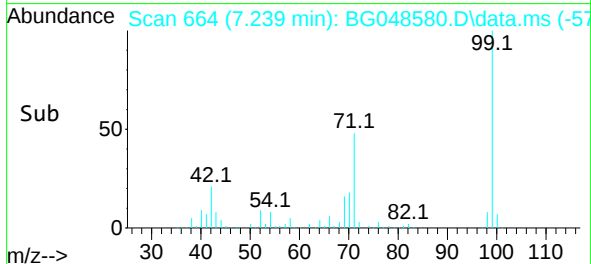
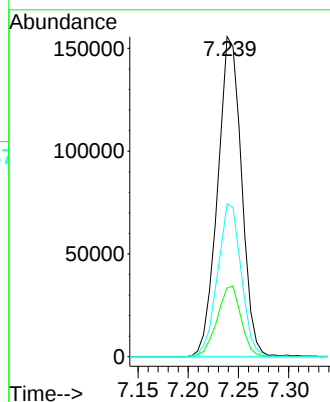
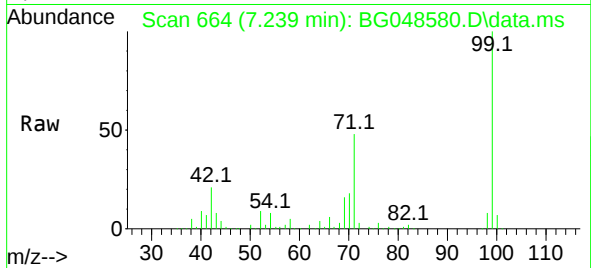




#7
Phenol-d6
Concen: 119.79 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

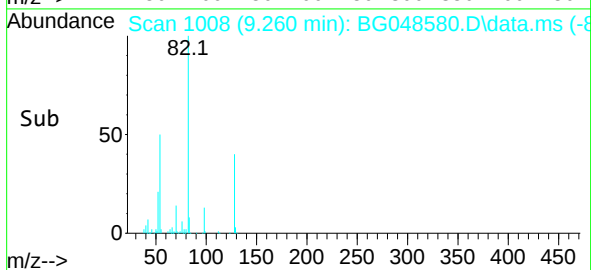
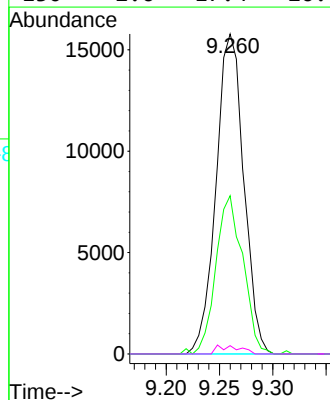
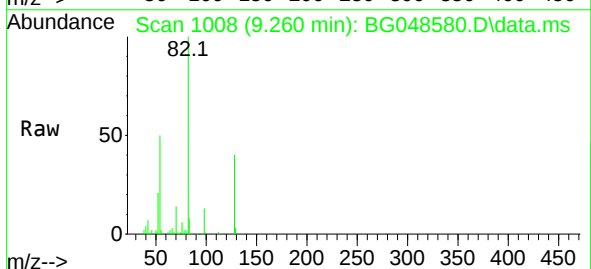
Instrument :
BNA_G
ClientSampleId :
PB135503BL

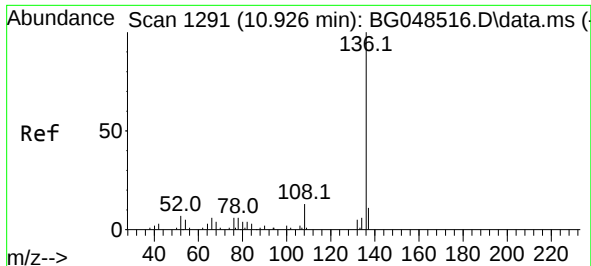
Tgt Ion: 99 Resp: 257881
Ion Ratio Lower Upper
99 100
42 21.4 15.5 23.3
71 47.7 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.19 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Tgt Ion: 70 Resp: 28471
Ion Ratio Lower Upper
70 100
42 49.5 50.8 76.2#
101 0.0 9.7 14.5#
130 2.6 17.4 26.0#

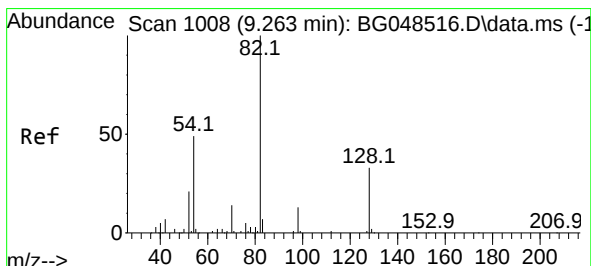
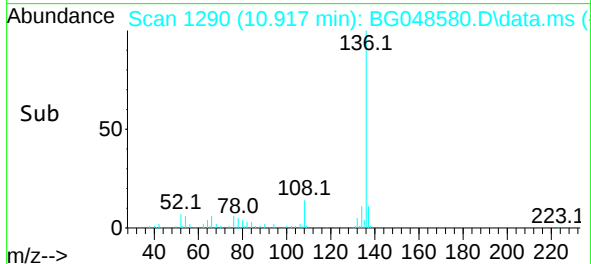
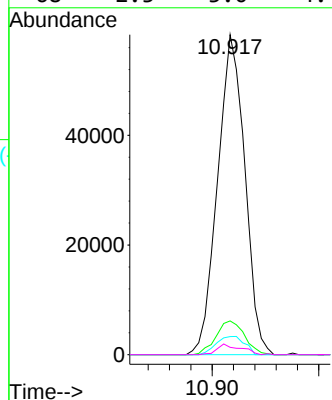
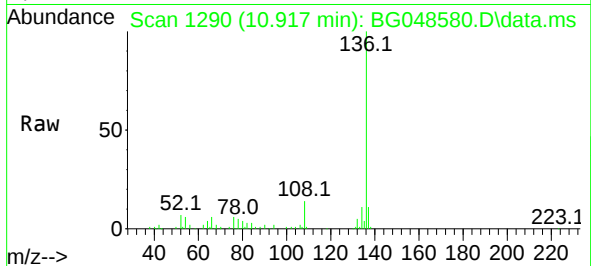




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

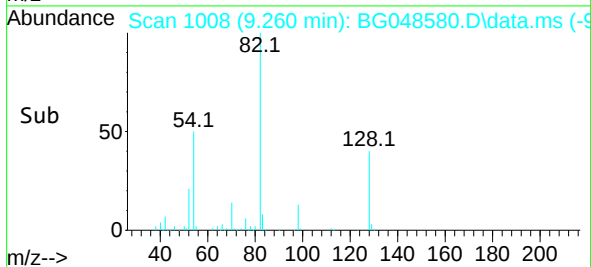
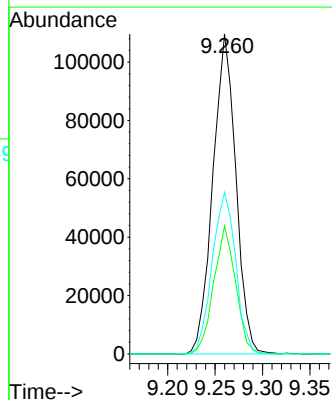
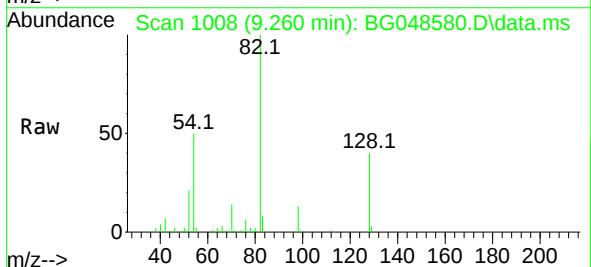
Instrument :
BNA_G
ClientSampleId :
PB135503BL

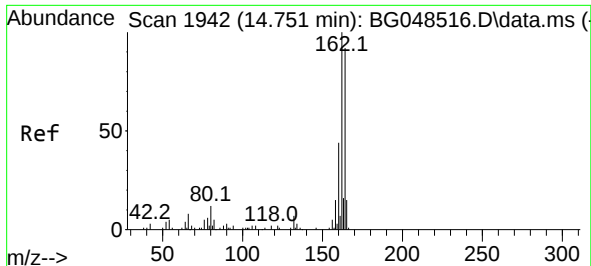
Tgt Ion:	136	Resp:	103393
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	5.6	4.2	6.4
68	2.3	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 86.56 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Tgt Ion:	82	Resp:	184843
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.2	39.4#
54	50.5	38.9	58.3

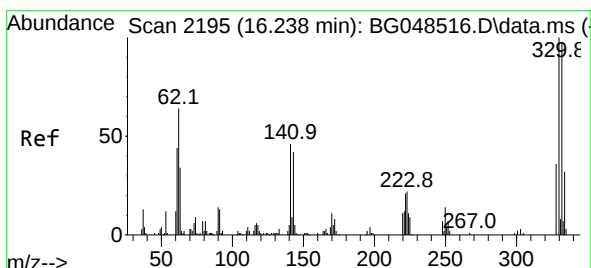
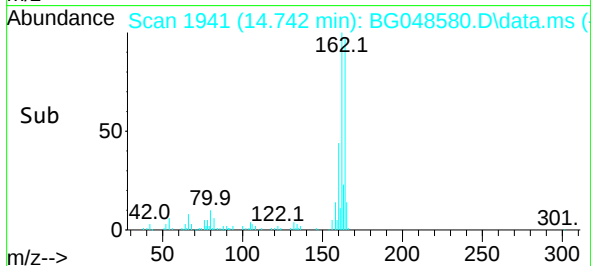
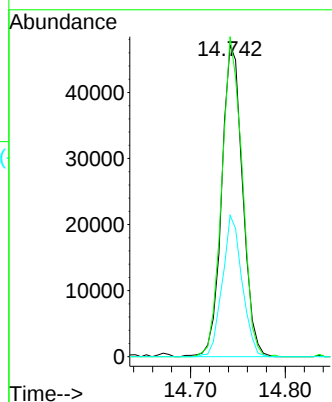
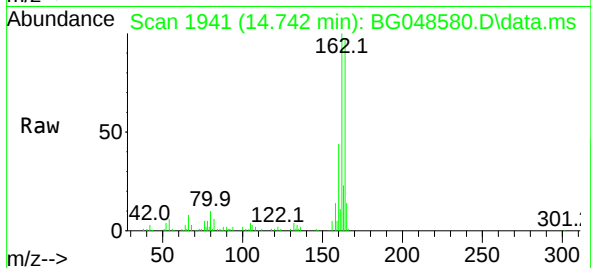




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

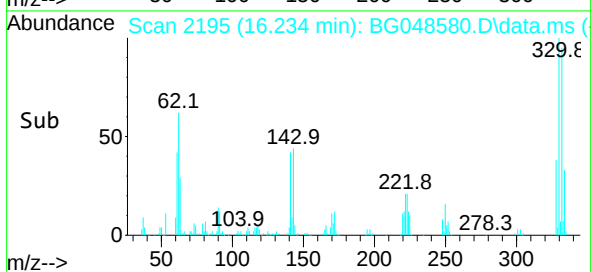
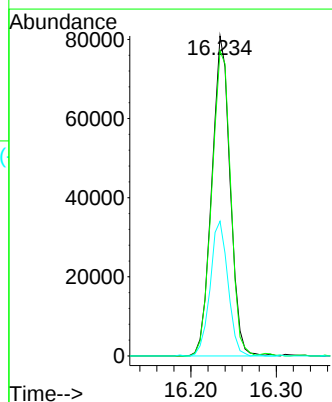
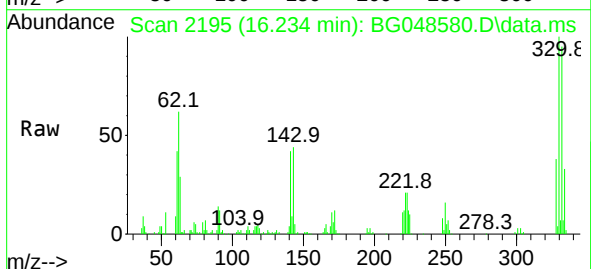
Instrument :
BNA_G
ClientSampleId :
PB135503BL

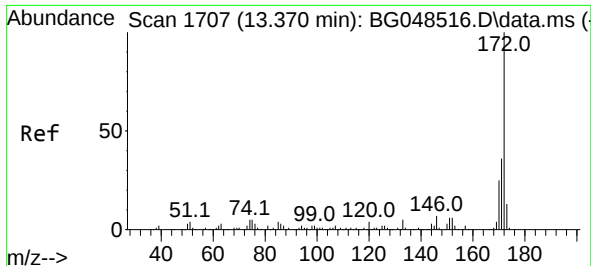
Tgt Ion:164 Resp: 72220
Ion Ratio Lower Upper
164 100
162 102.8 87.0 130.6
160 45.4 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 127.14 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Tgt Ion:330 Resp: 120705
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 40.8 34.6 52.0

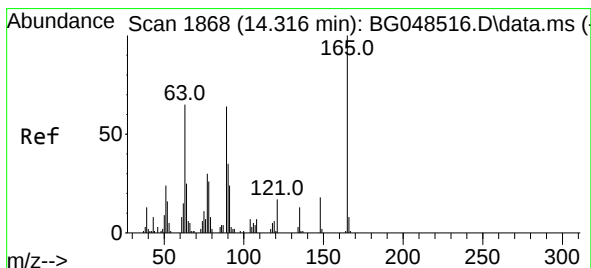
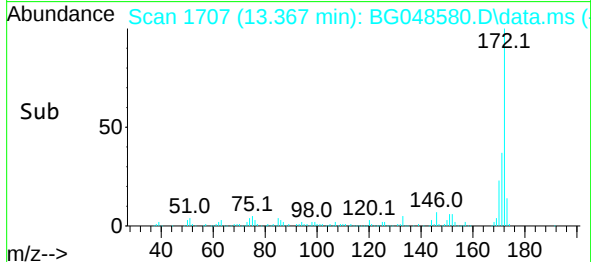
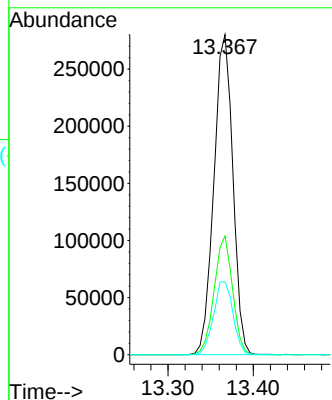
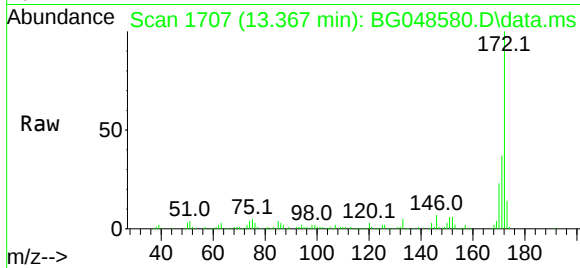




#45
2-Fluorobiphenyl
Concen: 88.95 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

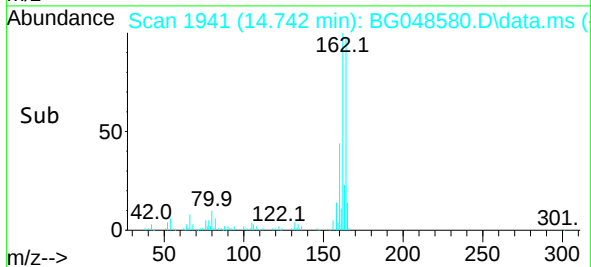
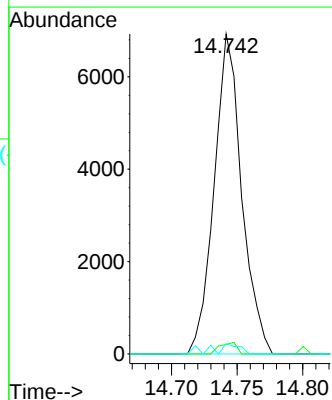
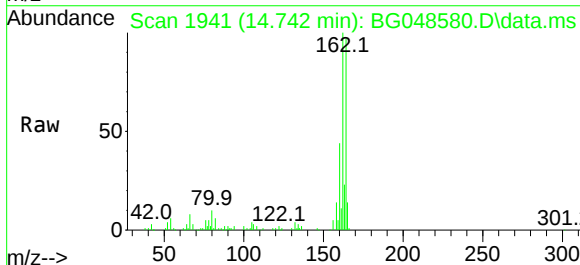
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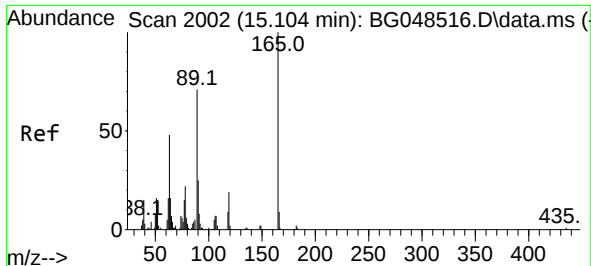
Tgt Ion:172 Resp: 432187
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 22.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

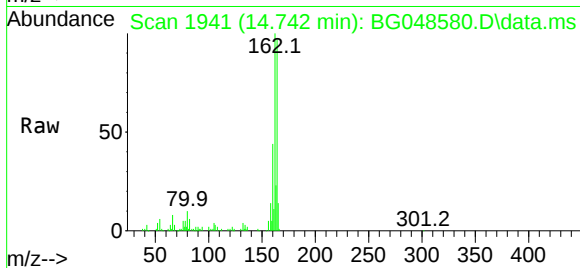
Tgt Ion:165 Resp: 10094
Ion Ratio Lower Upper
165 100
63 3.0 53.8 80.6#
89 3.2 50.8 76.2#



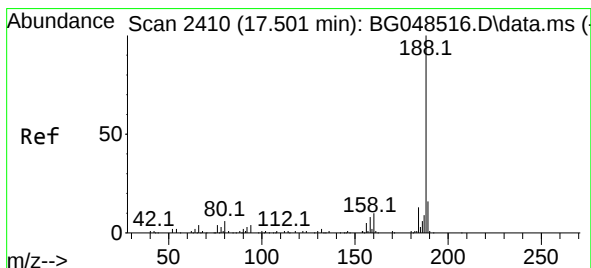
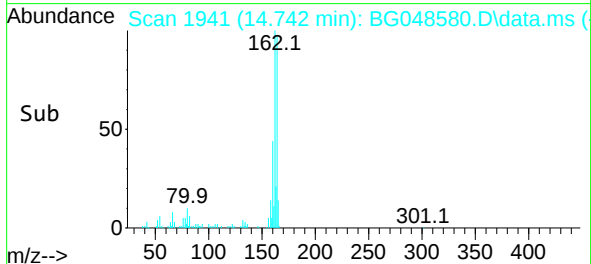
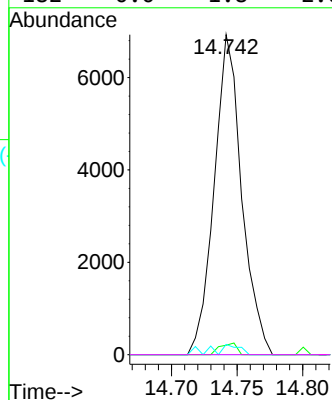


#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Instrument :
BNA_G
ClientSampleId :
PB135503BL

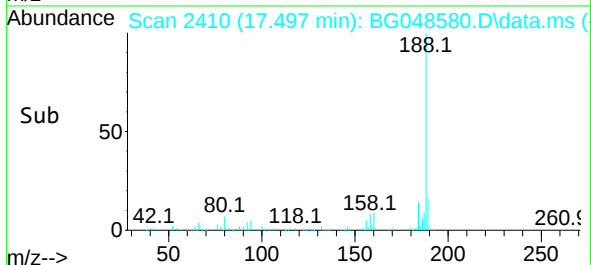
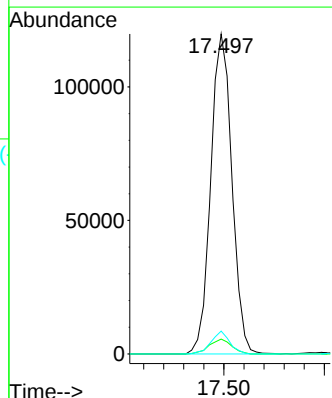
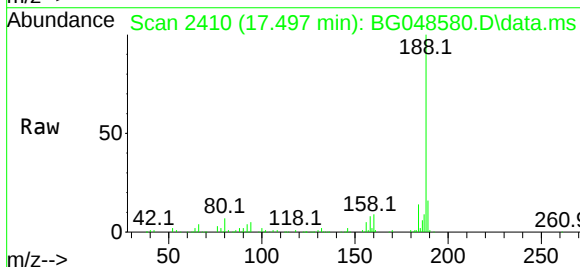


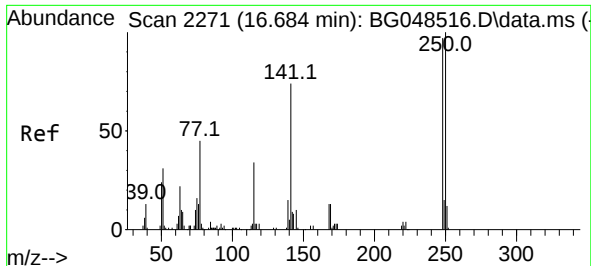
Tgt Ion:165 Resp: 10094
Ion Ratio Lower Upper
165 100
63 3.0 38.3 57.5#
89 3.2 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

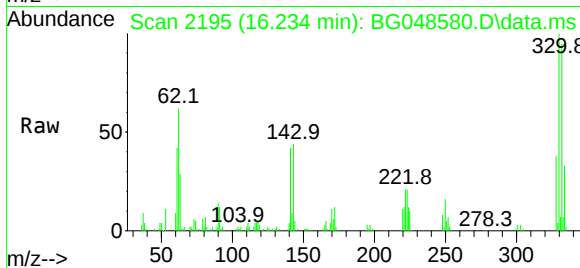
Tgt Ion:188 Resp: 175678
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 7.2 4.5 6.7#



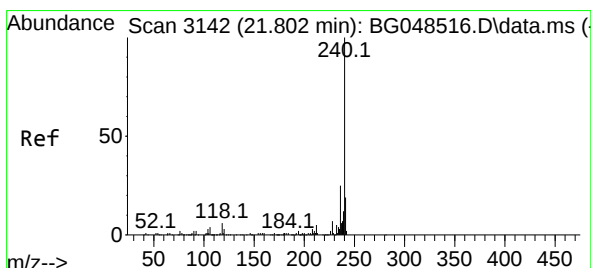
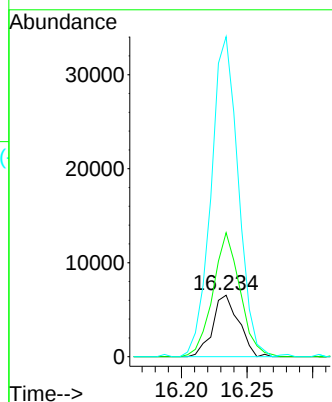
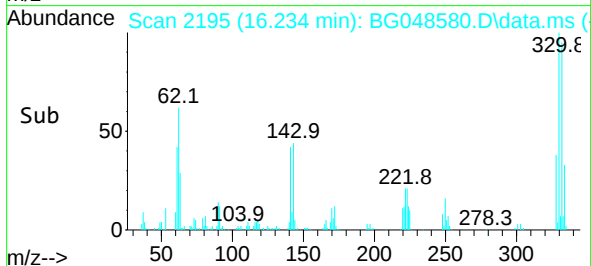


#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

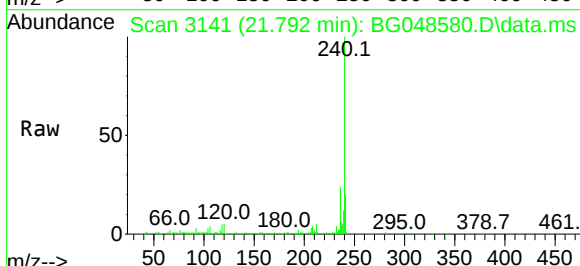
Instrument :
BNA_G
ClientSampleId :
PB135503BL



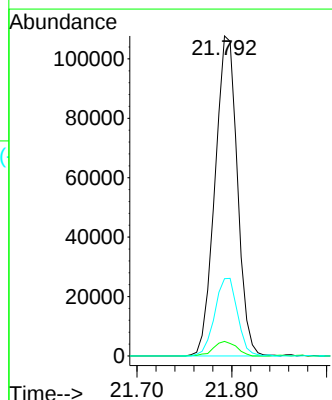
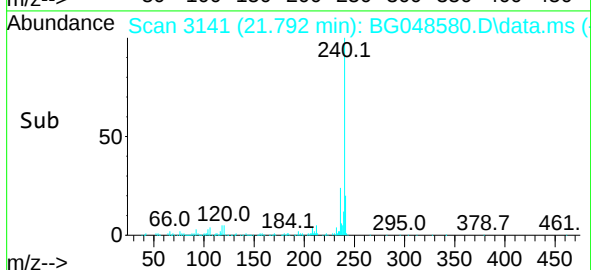
Tgt Ion:248 Resp: 9027
Ion Ratio Lower Upper
248 100
250 201.8 82.6 124.0#
141 520.9 61.0 91.6#

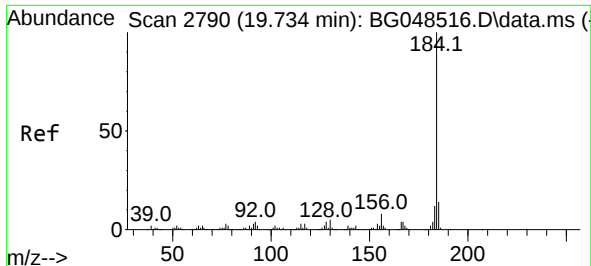


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28



Tgt Ion:240 Resp: 176487
Ion Ratio Lower Upper
240 100
120 4.5 2.6 3.8#
236 24.2 19.8 29.6

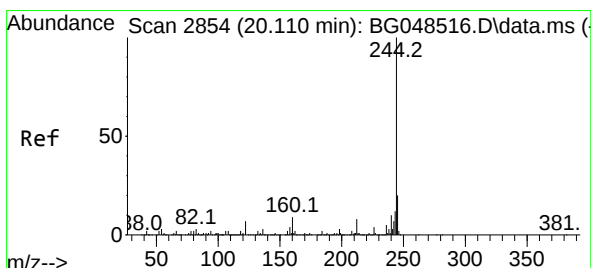
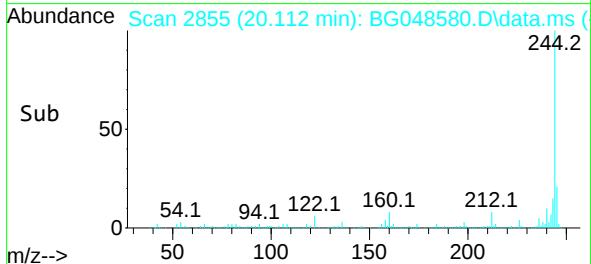
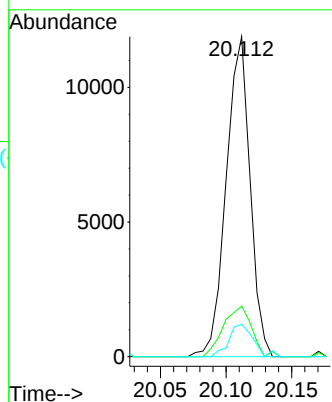
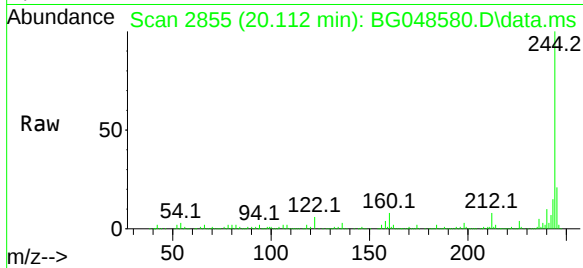




#77
Benzidine
Concen: 2.51 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

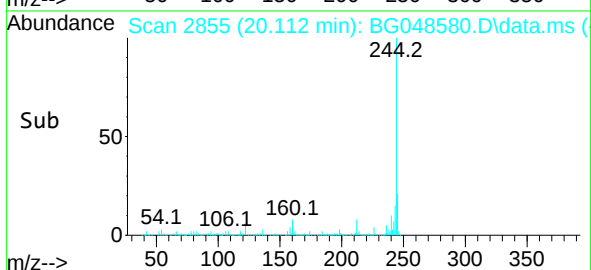
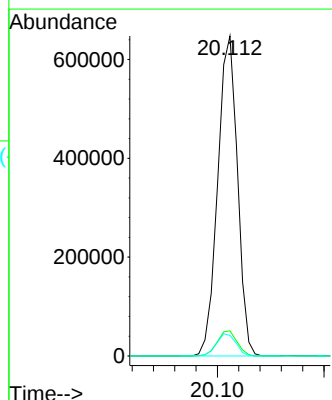
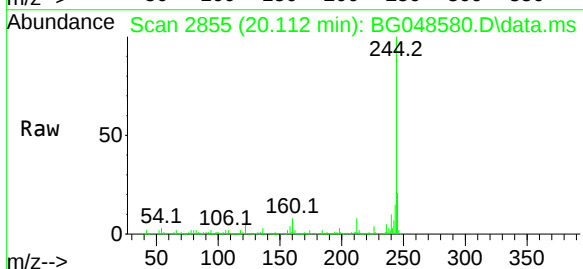
Instrument :
BNA_G
ClientSampleId :
PB135503BL

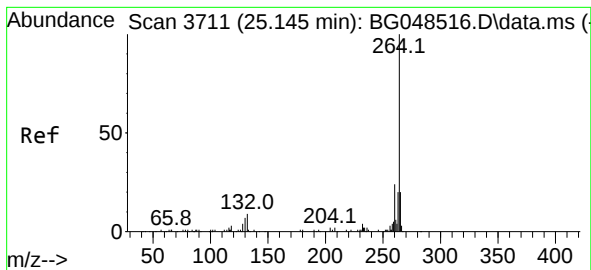
Tgt Ion:184 Resp: 15009
Ion Ratio Lower Upper
184 100
185 15.8 11.0 16.4
183 10.1 9.2 13.8



#79
Terphenyl-d14
Concen: 86.21 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048580.D
Acq: 5 Apr 2021 12:28

Tgt Ion:244 Resp: 832022
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.021 min
 Lab File: BG048580.D
 Acq: 5 Apr 2021 12:28

Instrument :
 BNA_G
 ClientSampleId :
 PB135503BL

Tgt Ion:264 Resp: 175595
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.3 16.1 24.1

