

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048676.D
 Acq On : 13 Apr 2021 16:17
 Operator : CG/JU
 Sample : PB135702TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135702TB

Quant Time: Apr 14 00:30:24 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)

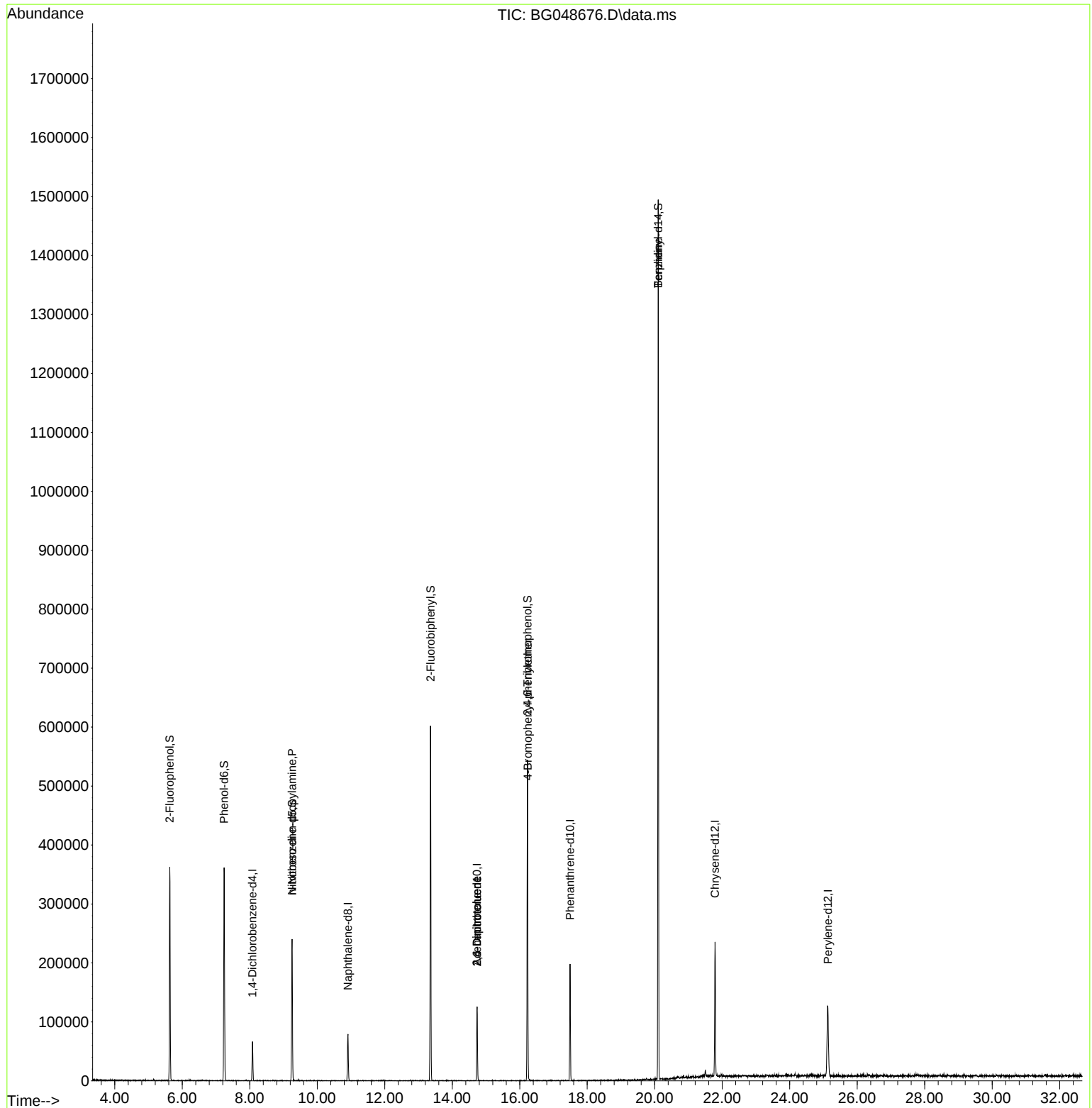
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	16053	20.00	ng	-0.02
21) Naphthalene-d8	10.912	136	62955	20.00	ng	#-0.01
39) Acenaphthene-d10	14.732	164	43581	20.00	ng	-0.02
64) Phenanthrene-d10	17.493	188	116070	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	140404	20.00	ng	#-0.01
86) Perylene-d12	25.131	264	130409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	132857	146.12	ng	0.00
7) Phenol-d6	7.240	99	168816	128.02	ng	0.00
23) Nitrobenzene-d5	9.256	82	133375	102.57	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	86902	151.69	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	291177	99.31	ng	-0.01
79) Terphenyl-d14	20.102	244	676130	88.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.256	70	22272	24.50	ng	# 71
51) 2,6-Dinitrotoluene	14.732	165	5547	7.50	ng	# 20
57) 2,4-Dinitrotoluene	14.732	165	5547	5.30	ng	# 25
67) 4-Bromophenyl-phenylether	16.236	248	6948	5.40	ng	# 1
77) Benzidine	20.102	184	14629	3.08	ng	# 91

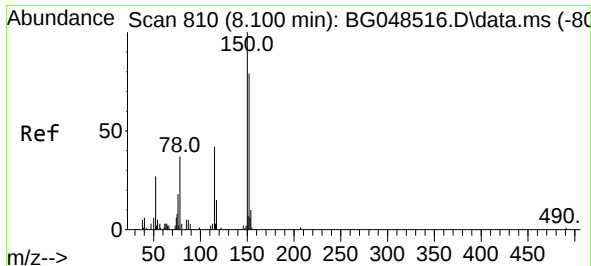
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048676.D
Acq On : 13 Apr 2021 16:17
Operator : CG/JU
Sample : PB135702TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135702TB

Quant Time: Apr 14 00:30:24 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

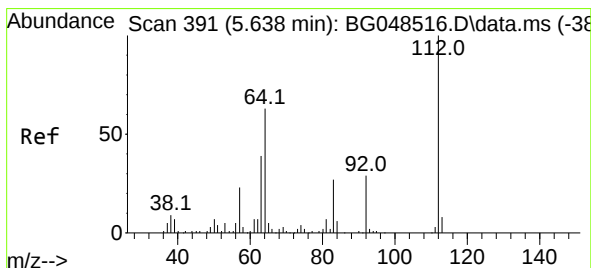
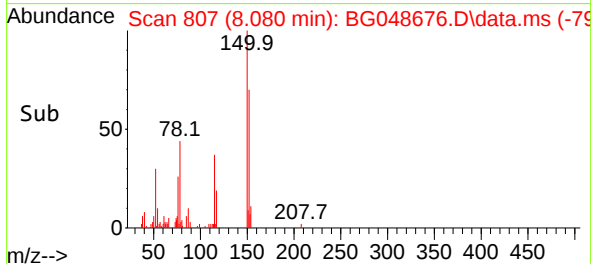
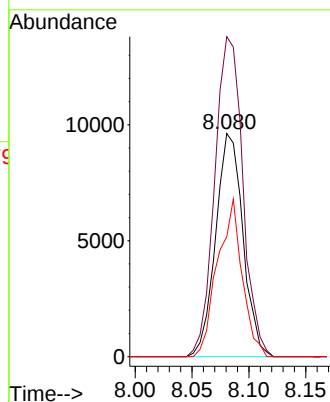
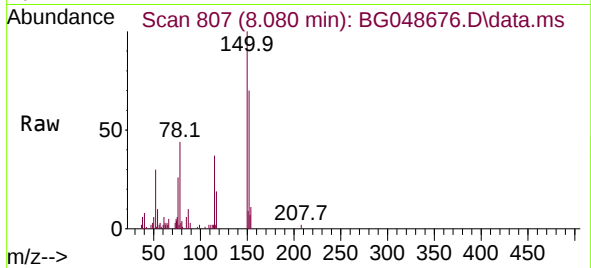




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.020 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

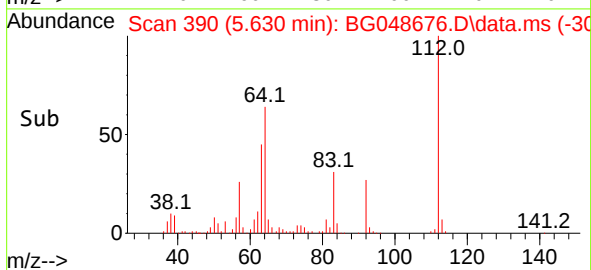
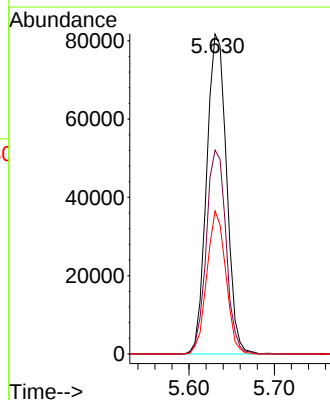
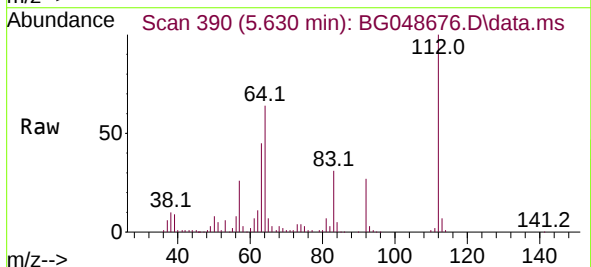
Instrument :
BNA_G
ClientSampleId :
PB135702TB

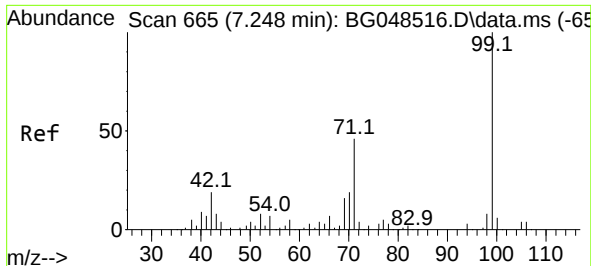
Tgt Ion:152 Resp: 16053
Ion Ratio Lower Upper
152 100
150 143.4 101.3 151.9
115 53.7 42.3 63.5



#5
2-Fluorophenol
Concen: 146.12 ng
RT: 5.630 min Scan# 390
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:112 Resp: 132857
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 44.7 31.4 47.2

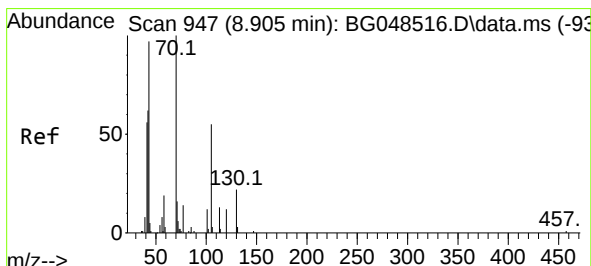
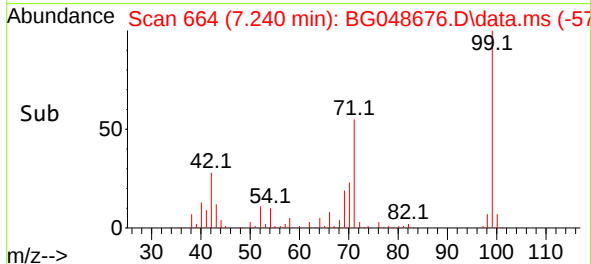
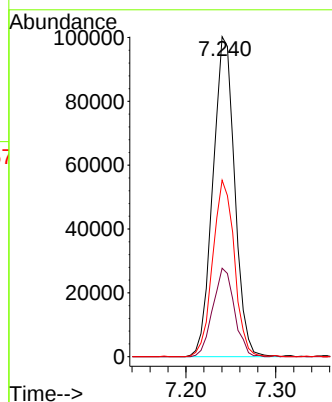
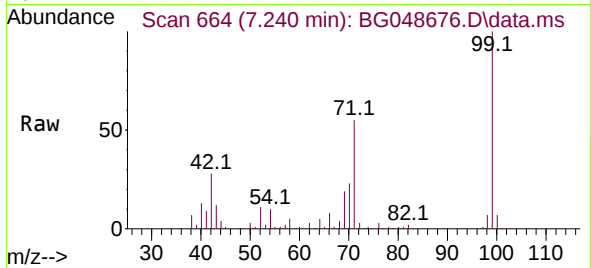




#7
Phenol-d6
Concen: 128.02 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

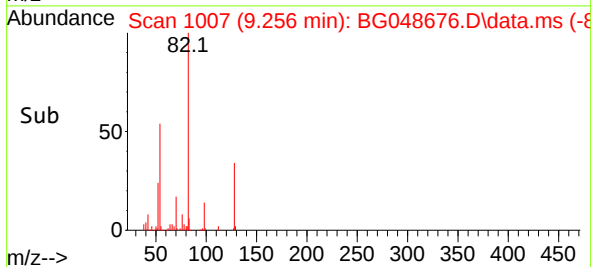
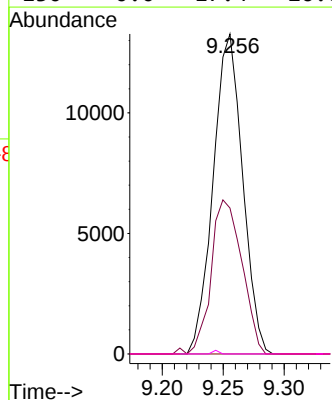
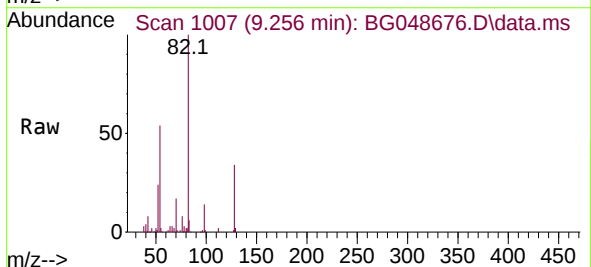
Instrument :
BNA_G
ClientSampleId :
PB135702TB

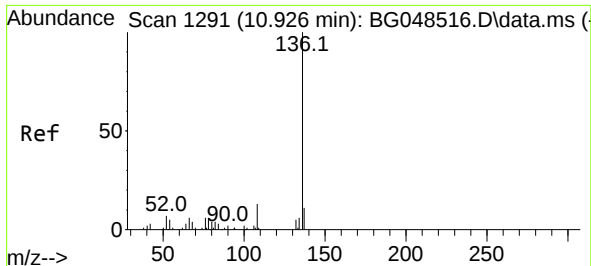
Tgt Ion: 99 Resp: 168816
Ion Ratio Lower Upper
99 100
42 27.7 15.5 23.3#
71 55.1 36.6 54.8#



#19
n-Nitroso-di-n-propylamine
Concen: 24.50 ng
RT: 9.256 min Scan# 1007
Delta R.T. 0.350 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion: 70 Resp: 22272
Ion Ratio Lower Upper
70 100
42 45.6 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

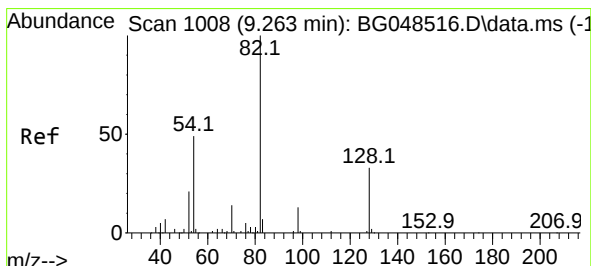
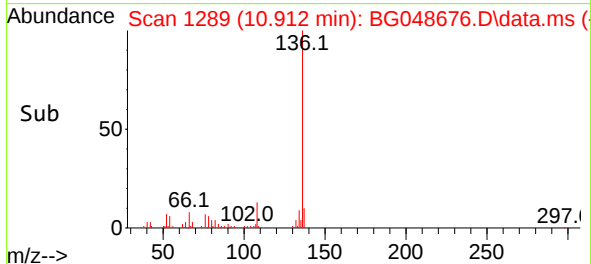
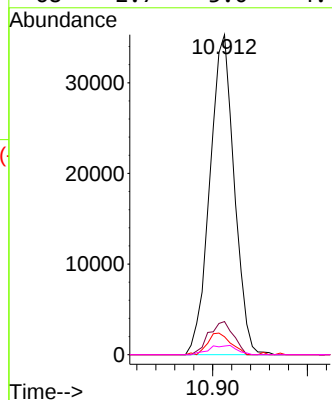
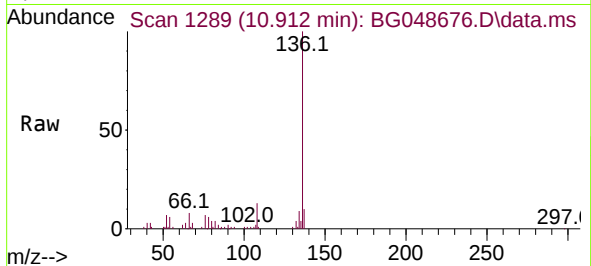




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

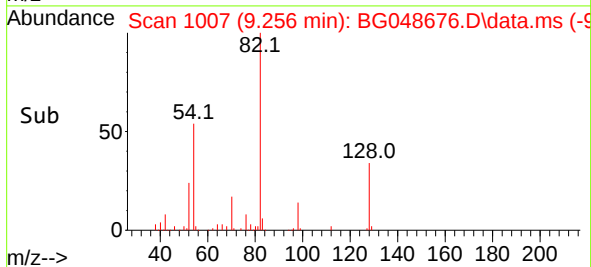
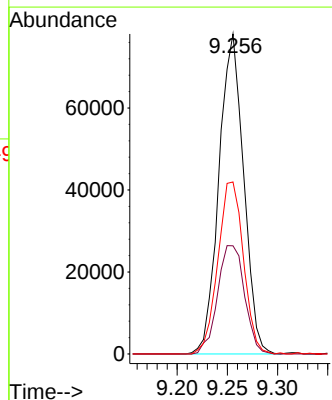
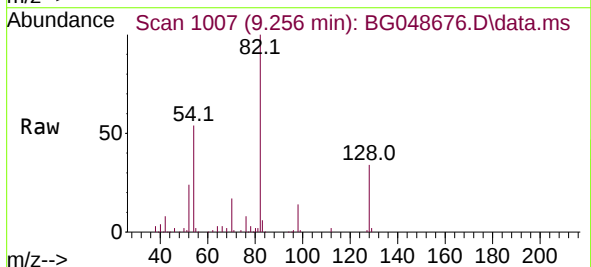
Instrument :
BNA_G
ClientSampleId :
PB135702TB

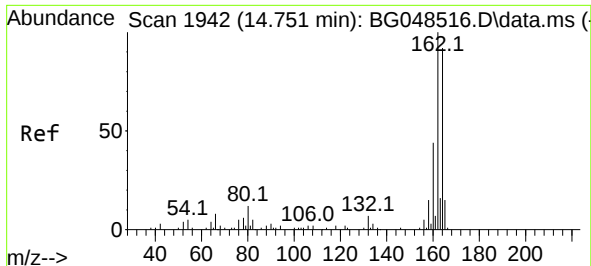
Tgt Ion:136	Resp:	62955
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 12.8
54	5.6	4.2 6.4
68	2.7	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion: 82	Resp:	133375
Ion Ratio	Lower	Upper
82	100	
128	33.8	26.2 39.4
54	53.8	38.9 58.3

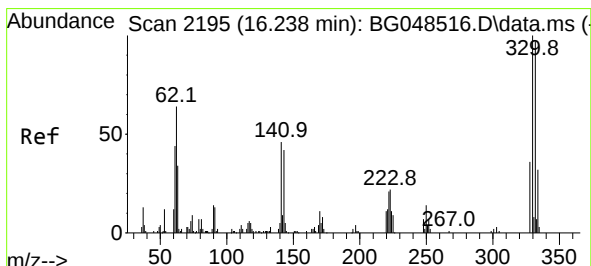
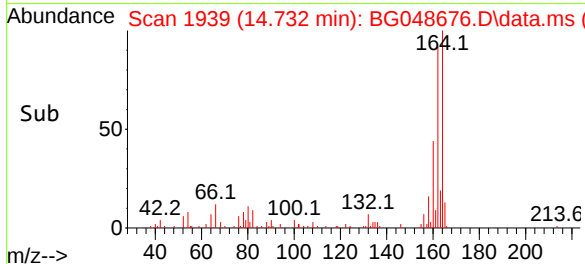
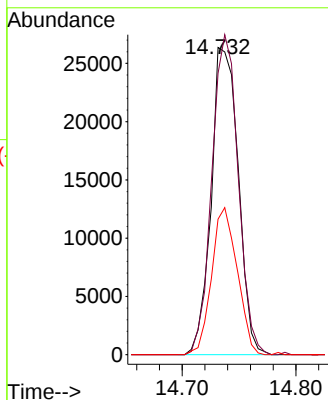
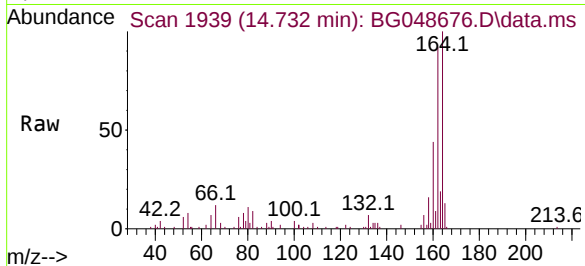




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.020 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

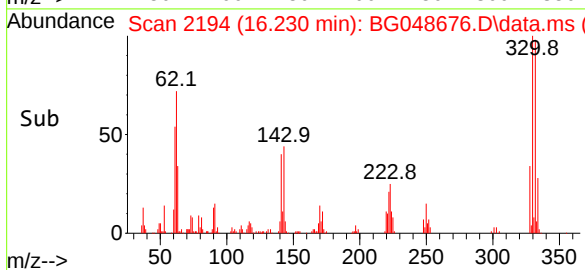
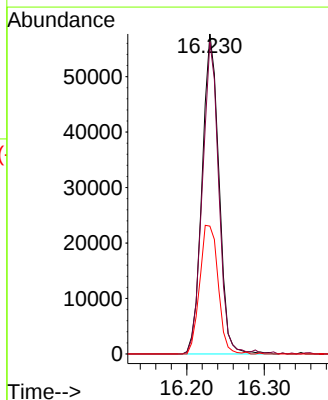
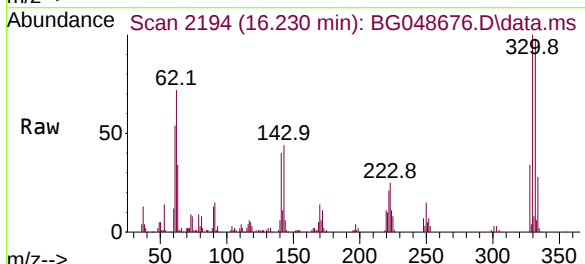
Instrument :
BNA_G
ClientSampleId :
PB135702TB

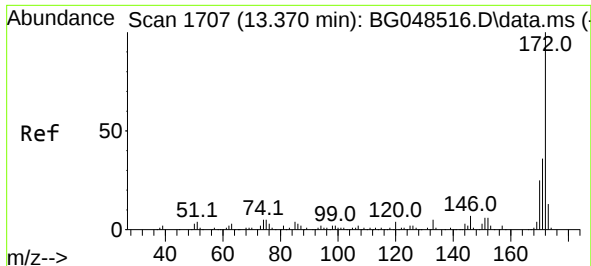
Tgt Ion:164	Resp:	43581
Ion Ratio	Lower	Upper
164	100	
162	91.5	87.0 130.6
160	44.1	38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 151.69 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:330	Resp:	86902
Ion Ratio	Lower	Upper
330	100	
332	94.6	77.6 116.4
141	43.8	34.6 52.0

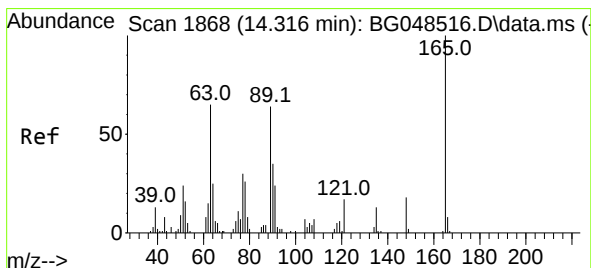
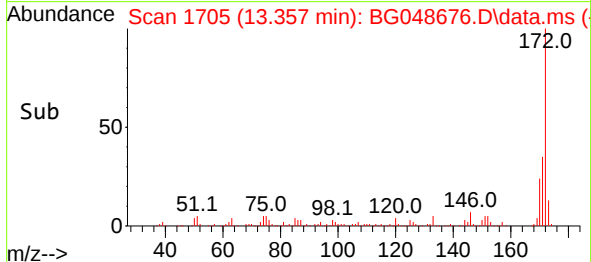
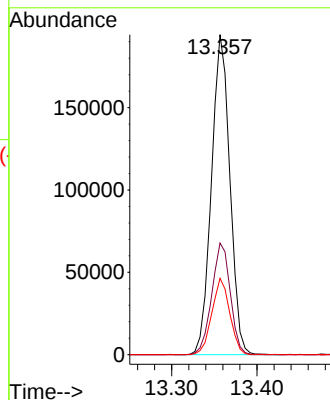
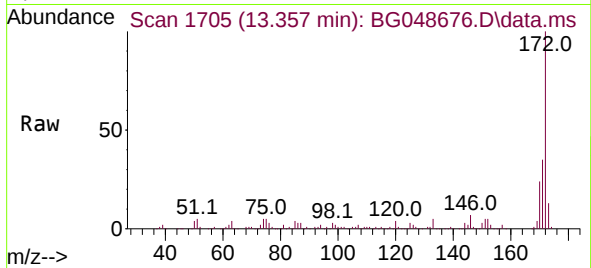




#45
2-Fluorobiphenyl
Concen: 99.31 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

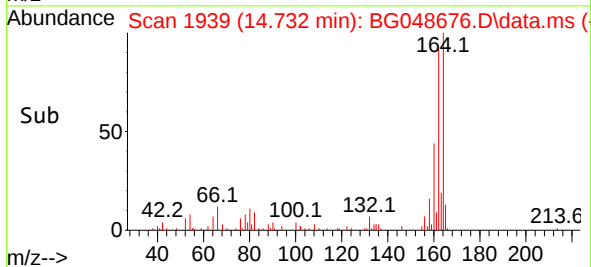
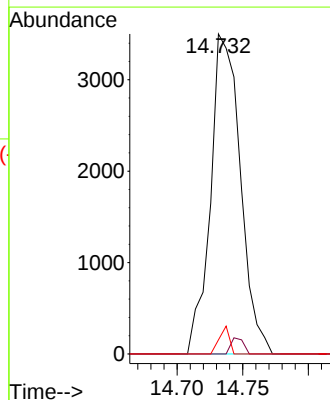
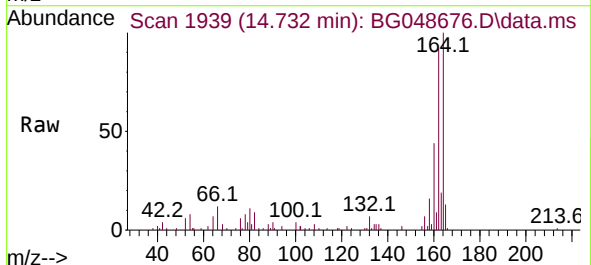
Instrument :
BNA_G
ClientSampleId :
PB135702TB

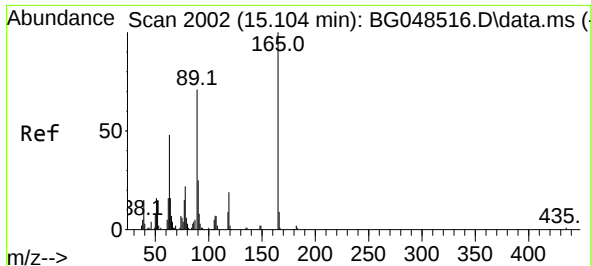
Tgt Ion:172 Resp: 291177
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 14.732 min Scan# 1939
Delta R.T. 0.415 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:165 Resp: 5547
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 4.4 50.8 76.2#

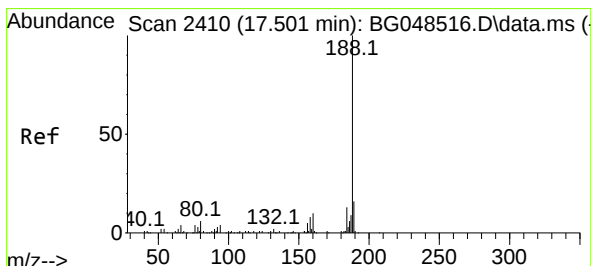
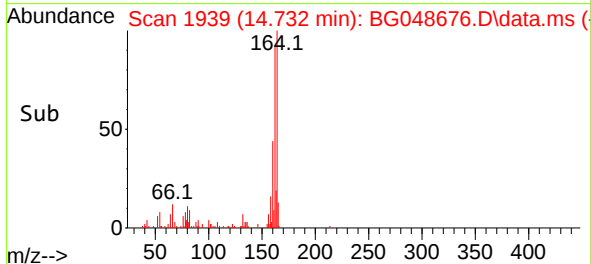
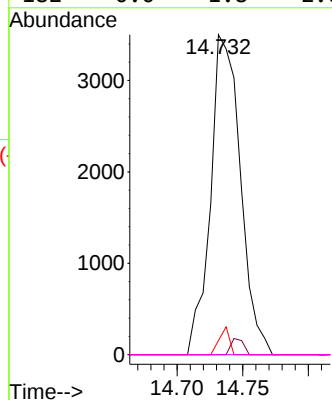
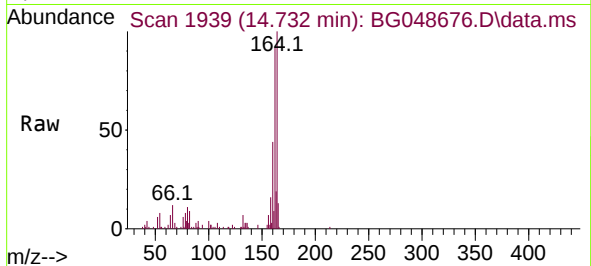




#57
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 14.732 min Scan# 1939
Delta R.T. -0.372 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

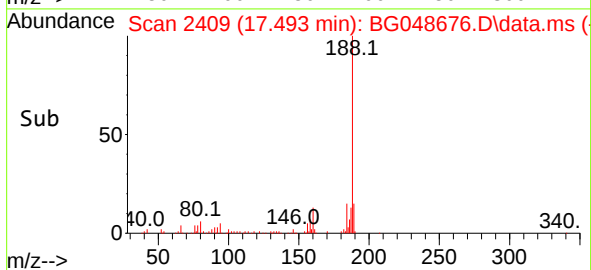
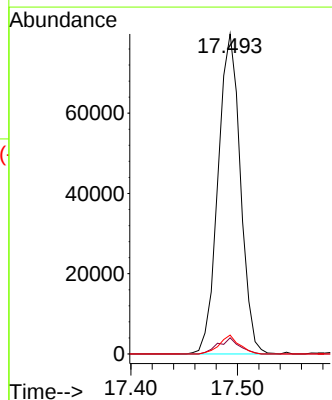
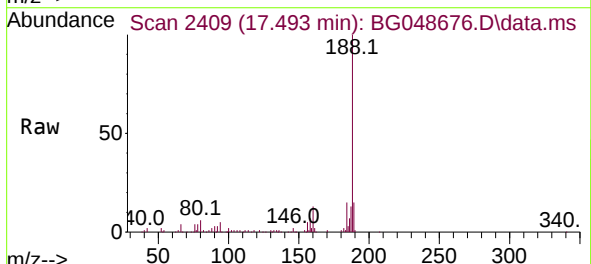
Instrument :
BNA_G
ClientSampleId :
PB135702TB

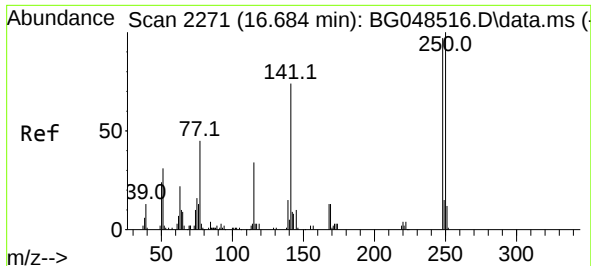
Tgt Ion:165 Resp: 5547
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 4.4 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:188 Resp: 116070
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 5.9 4.5 6.7

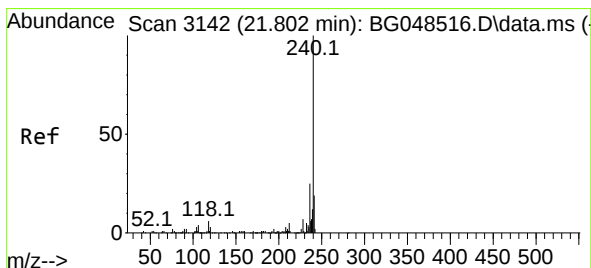
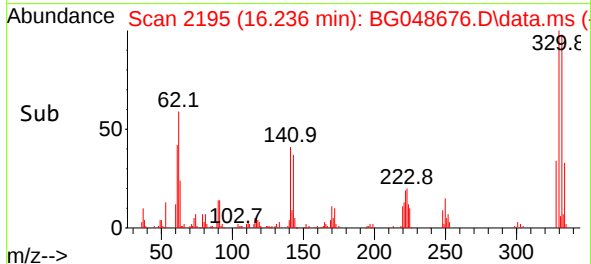
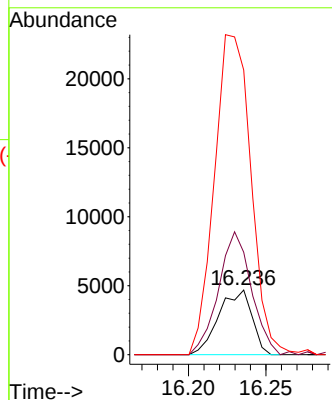
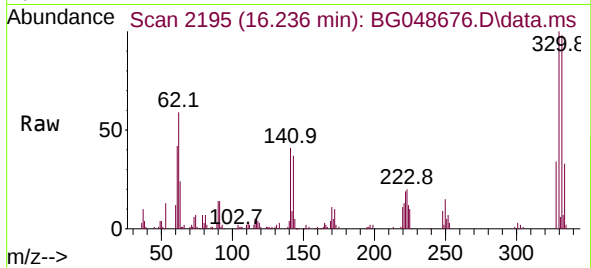




#67
4-Bromophenyl-phenylether
Concen: 5.40 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

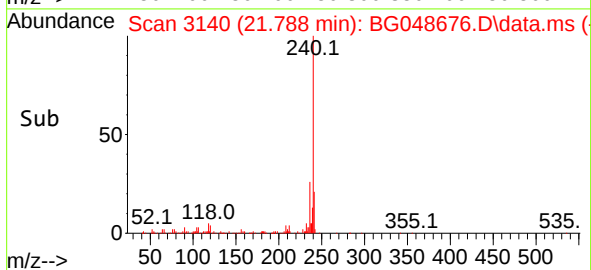
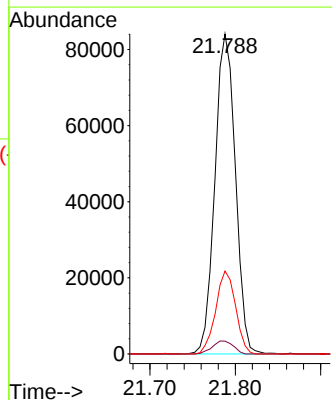
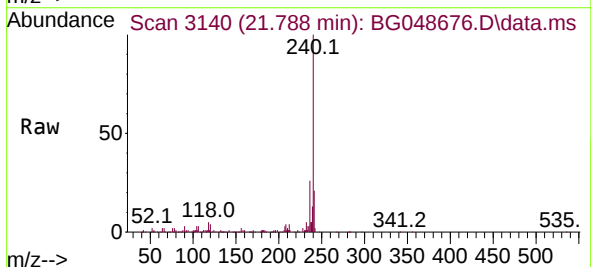
Instrument :
BNA_G
ClientSampleId :
PB135702TB

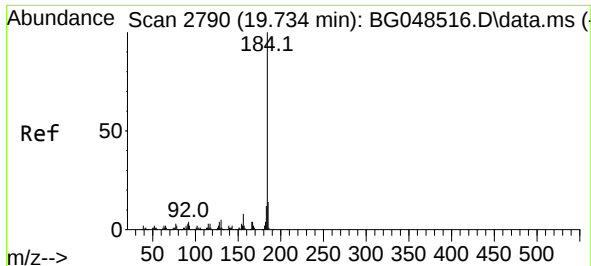
Tgt Ion:248 Resp: 6948
Ion Ratio Lower Upper
248 100
250 158.6 82.6 124.0#
141 440.6 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.014 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:240 Resp: 140404
Ion Ratio Lower Upper
240 100
120 4.0 2.6 3.8#
236 25.9 19.8 29.6

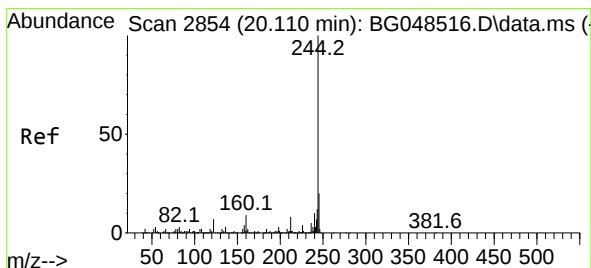
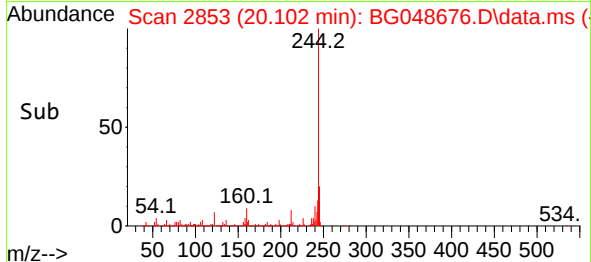
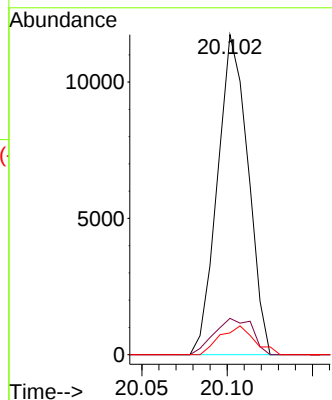
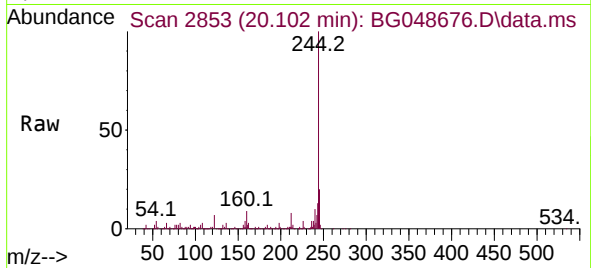




#77
Benzidine
Concen: 3.08 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.368 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

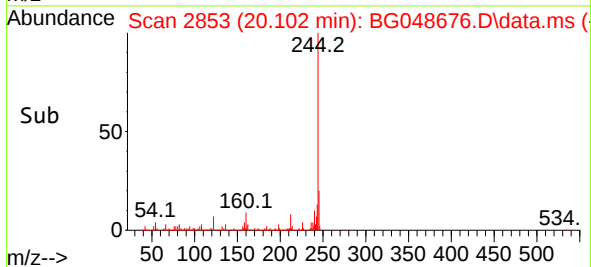
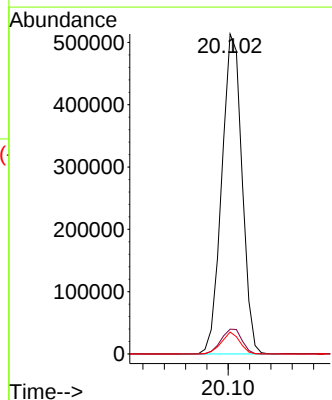
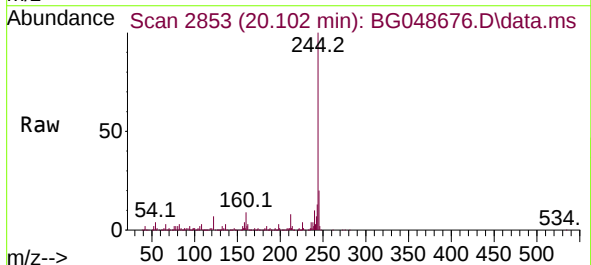
Instrument :
BNA_G
ClientSampleId :
PB135702TB

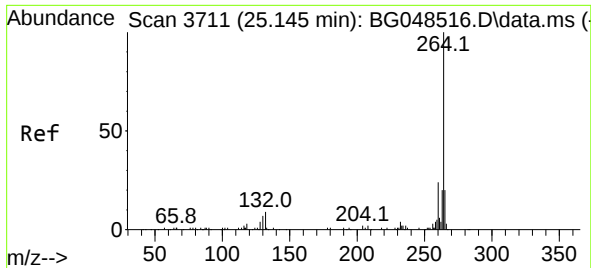
Tgt Ion:184 Resp: 14629
Ion Ratio Lower Upper
184 100
185 11.4 11.0 16.4
183 6.8 9.2 13.8#



#79
Terphenyl-d14
Concen: 88.07 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.008 min
Lab File: BG048676.D
Acq: 13 Apr 2021 16:17

Tgt Ion:244 Resp: 676130
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.131 min Scan# 3709
 Delta R.T. -0.014 min
 Lab File: BG048676.D
 Acq: 13 Apr 2021 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB135702TB

Tgt Ion:264 Resp: 130409
 Ion Ratio Lower Upper
 264 100
 260 19.4 19.1 28.7
 265 21.1 16.1 24.1

