

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
 Data File : BG048636.D
 Acq On : 8 Apr 2021 12:33
 Operator : CG/JU
 Sample : PB135613TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135613TB

Quant Time: Apr 08 13:32:17 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)

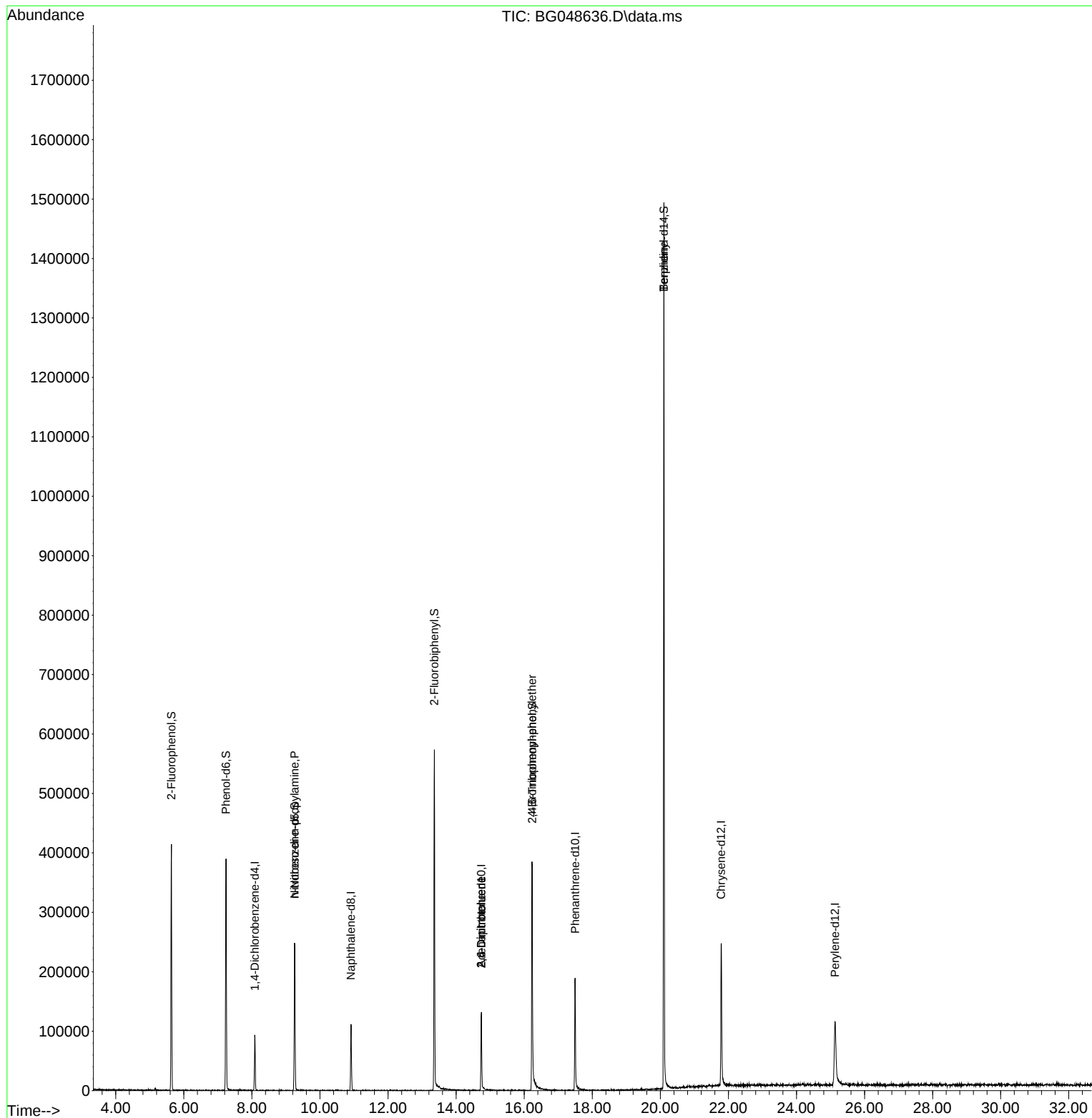
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	24453	20.00	ng	#-0.01
21) Naphthalene-d8	10.911	136	93007	20.00	ng	#-0.01
39) Acenaphthene-d10	14.742	164	51013	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	144212	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	173931	20.00	ng	#-0.01
86) Perylene-d12	25.130	264	163361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	167404	120.87	ng	0.00
7) Phenol-d6	7.239	99	202011	100.57	ng	0.00
23) Nitrobenzene-d5	9.254	82	145676	75.83	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	88866	132.52	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	306674	89.35	ng	0.00
79) Terphenyl-d14	20.106	244	739901	77.80	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	22232	16.06	ng	# 67
51) 2,6-Dinitrotoluene	14.742	165	6953	8.03	ng	# 21
57) 2,4-Dinitrotoluene	14.742	165	6953	5.67	ng	# 25
67) 4-Bromophenyl-phenylether	16.229	248	6168	3.86	ng	# 1
77) Benzidine	20.106	184	13413	2.28	ng	# 94

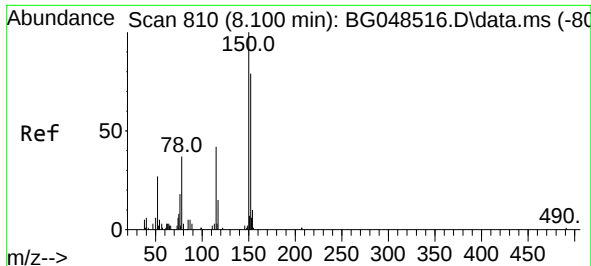
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
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Quant Time: Apr 08 13:32:17 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

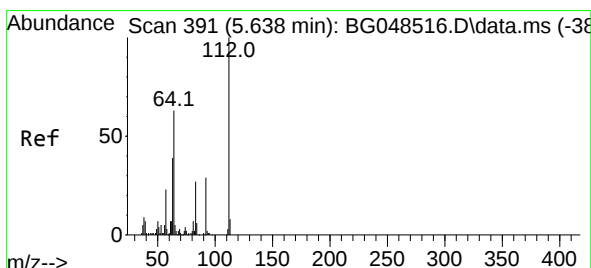
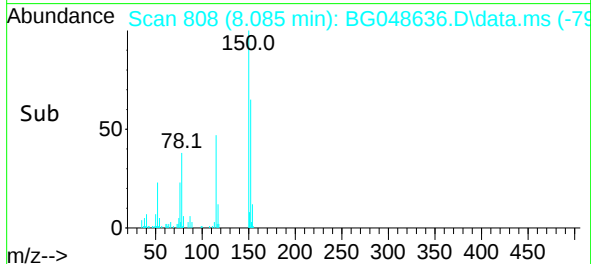
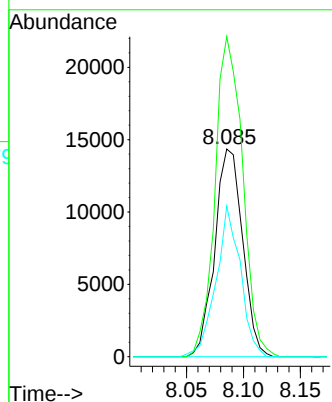
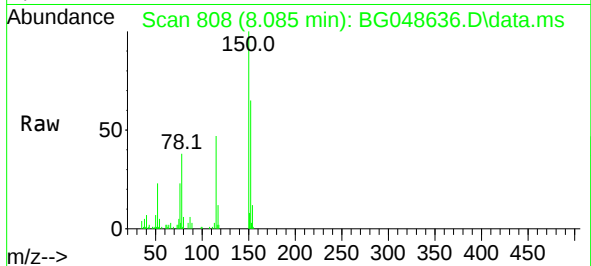




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.015 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

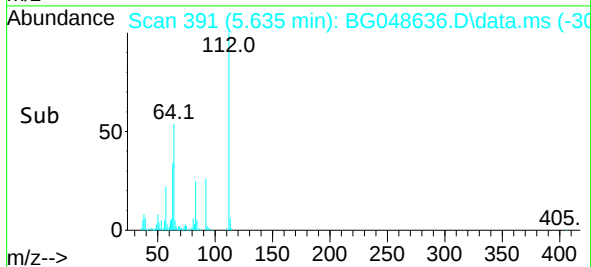
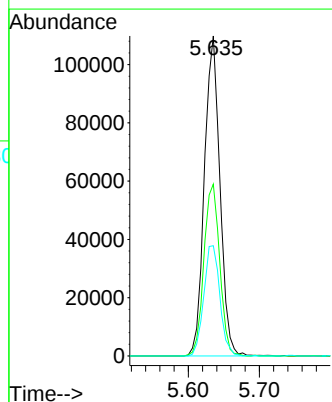
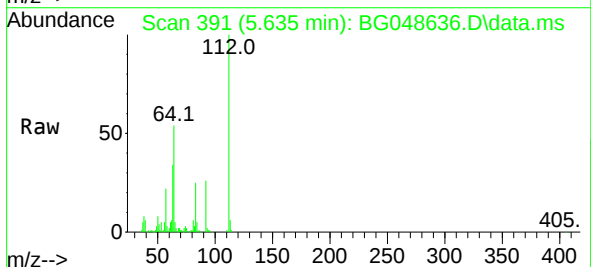
Instrument :
BNA_G
ClientSampleId :
PB135613TB

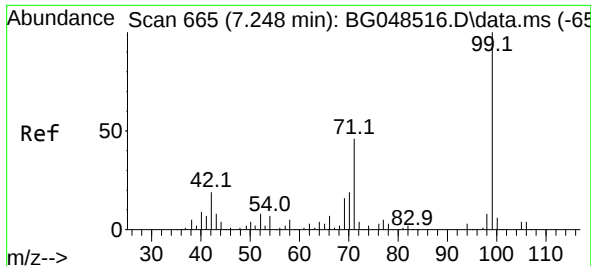
Tgt Ion:152 Resp: 24453
Ion Ratio Lower Upper
152 100
150 154.0 101.3 151.9#
115 72.5 42.3 63.5#



#5
2-Fluorophenol
Concen: 120.87 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

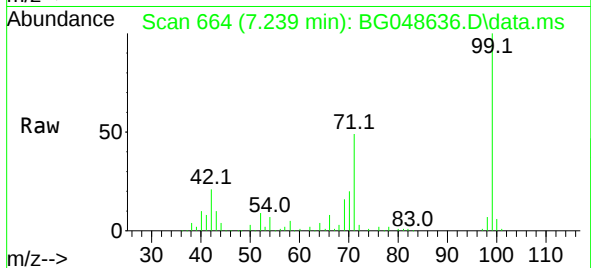
Tgt Ion:112 Resp: 167404
Ion Ratio Lower Upper
112 100
64 53.7 50.4 75.6
63 34.4 31.4 47.2



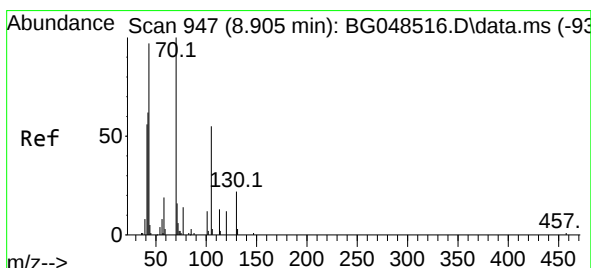
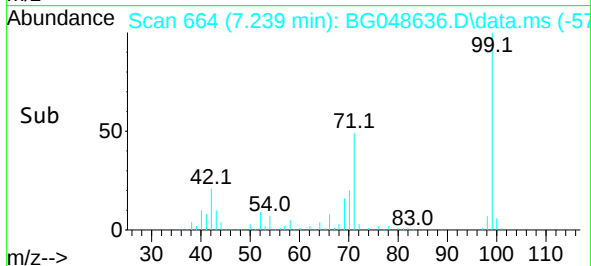
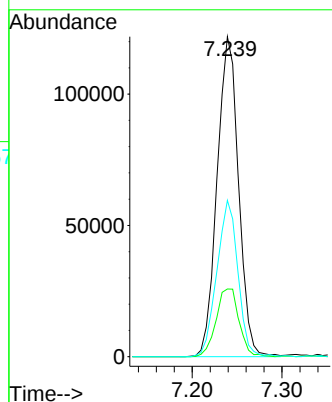


#7
Phenol-d6
Concen: 100.57 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Instrument :
BNA_G
ClientSampleId :
PB135613TB

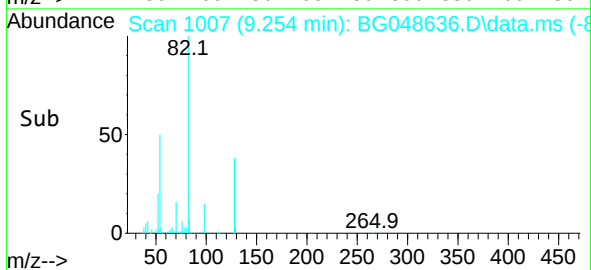
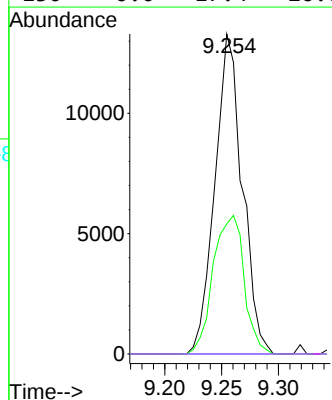
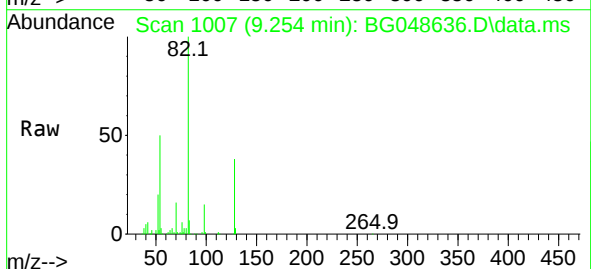


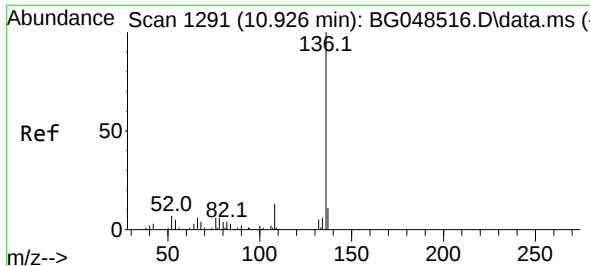
Tgt Ion: 99 Resp: 202011
Ion Ratio Lower Upper
99 100
42 21.1 15.5 23.3
71 48.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.349 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Tgt Ion: 70 Resp: 22232
Ion Ratio Lower Upper
70 100
42 40.7 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

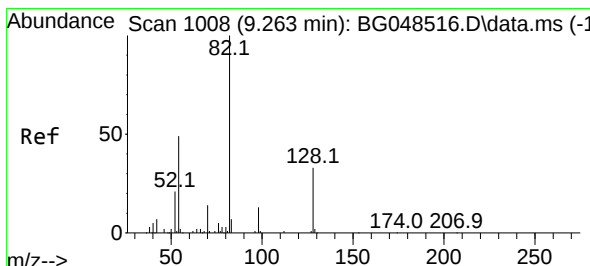
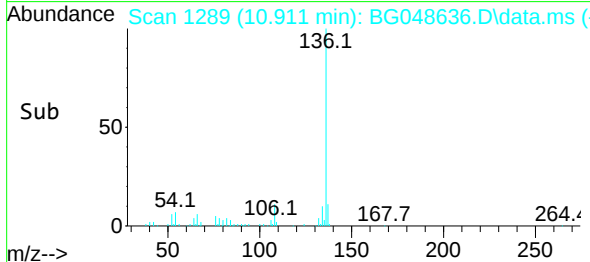
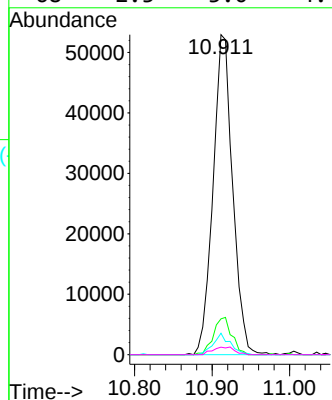
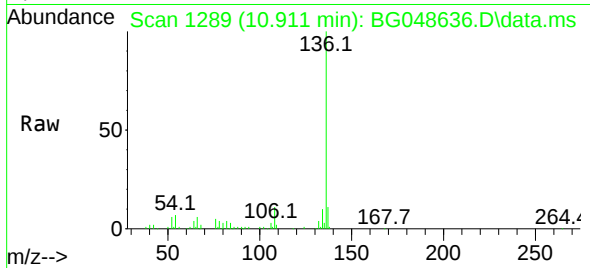




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. -0.015 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

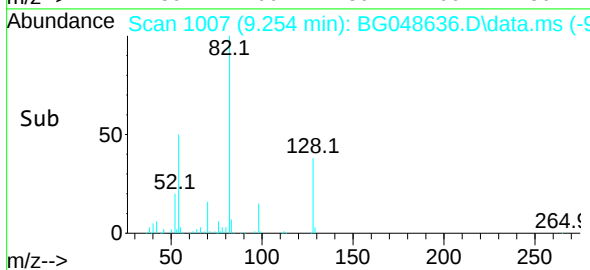
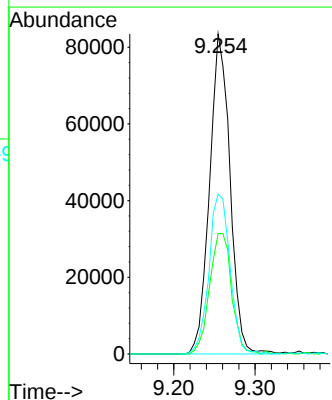
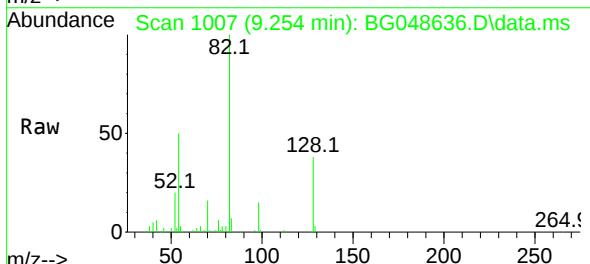
Instrument :
BNA_G
ClientSampleId :
PB135613TB

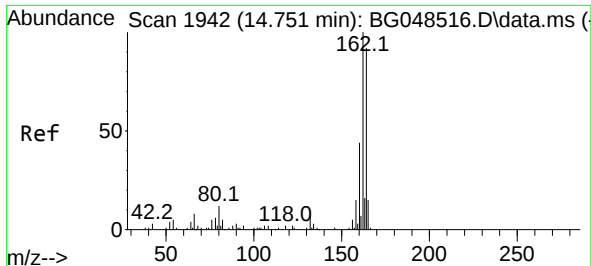
Tgt Ion:	136	Resp:	93007
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	6.7	4.2	6.4#
68	2.3	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 75.83 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Tgt Ion:	82	Resp:	145676
Ion Ratio	Lower	Upper	
82	100		
128	37.7	26.2	39.4
54	50.0	38.9	58.3

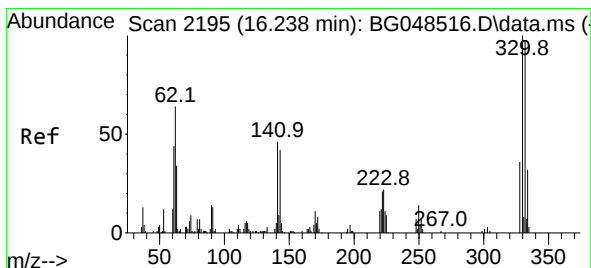
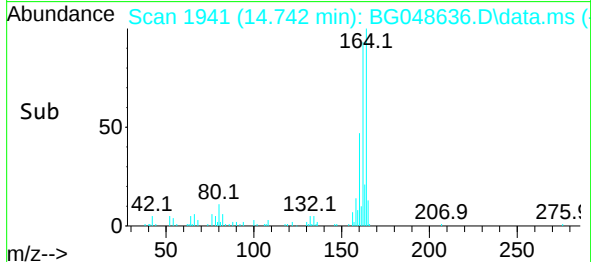
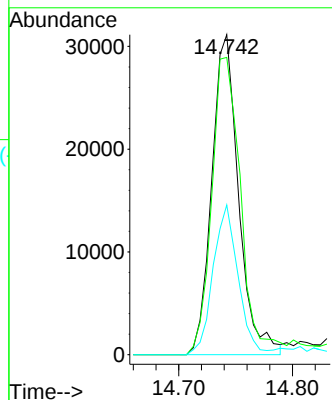
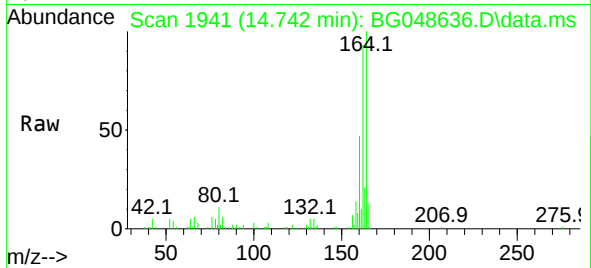




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

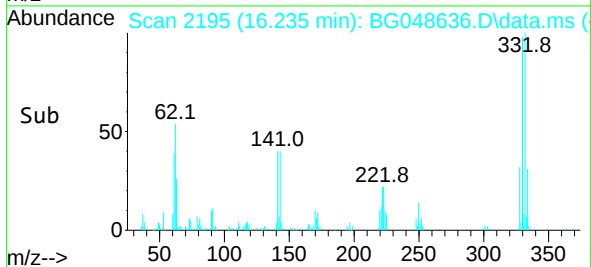
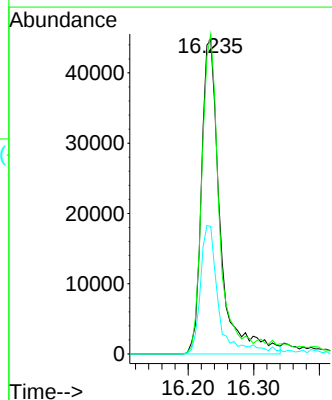
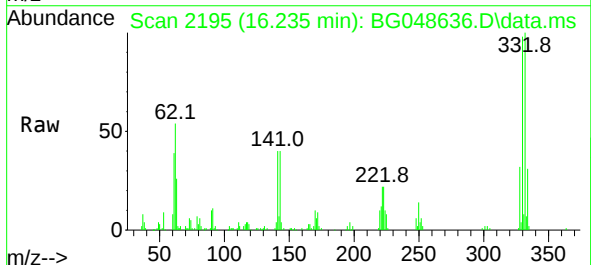
Instrument :
BNA_G
ClientSampleId :
PB135613TB

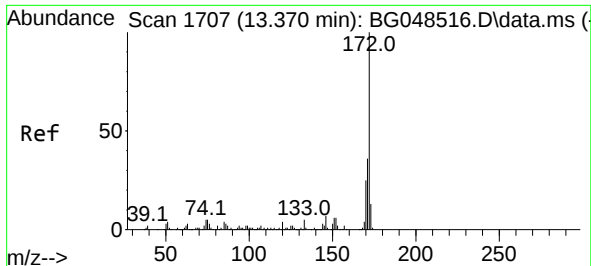
Tgt Ion:164 Resp: 51013
Ion Ratio Lower Upper
164 100
162 92.9 87.0 130.6
160 46.8 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 132.52 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Tgt Ion:330 Resp: 88866
Ion Ratio Lower Upper
330 100
332 93.8 77.6 116.4
141 39.2 34.6 52.0

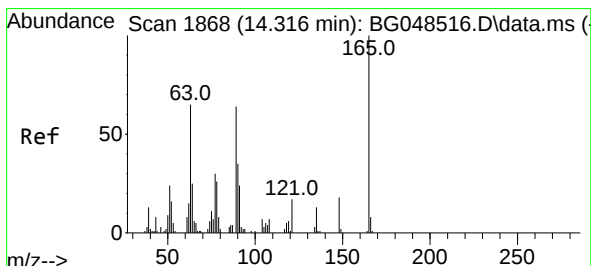
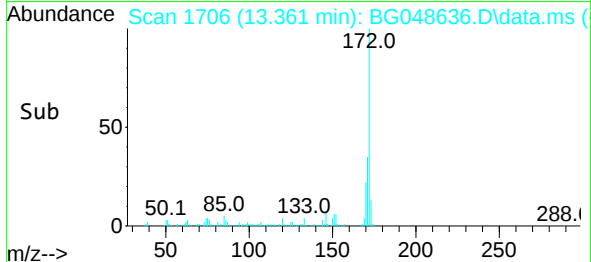
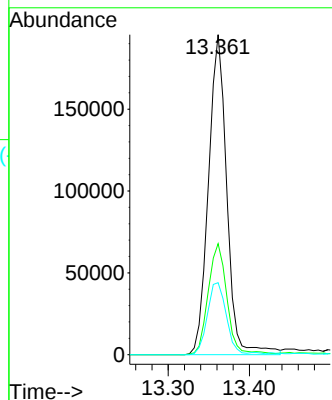
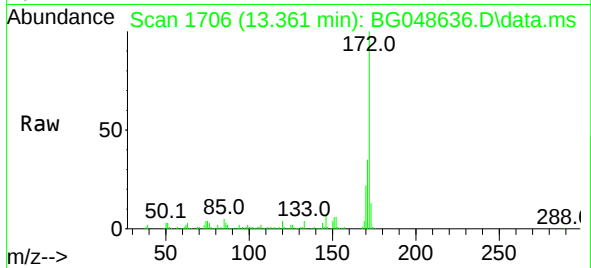




#45
2-Fluorobiphenyl
Concen: 89.35 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

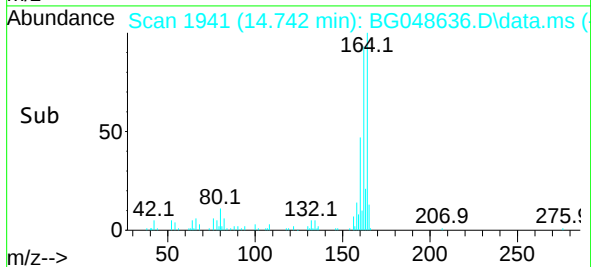
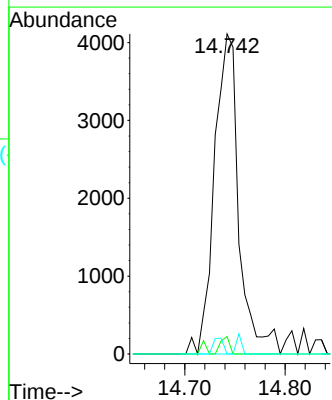
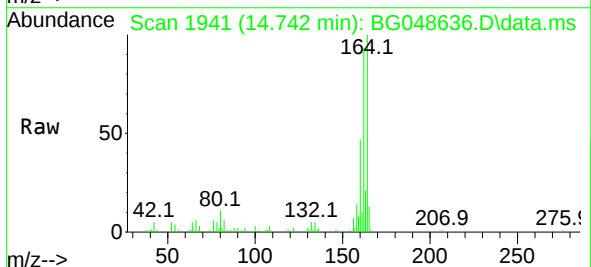
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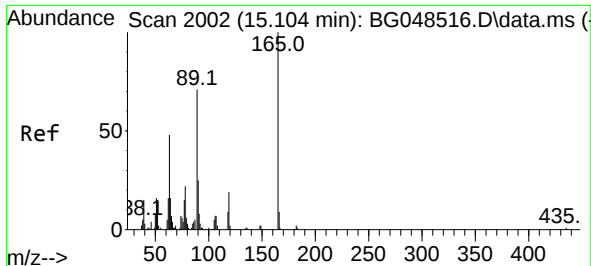
Tgt Ion:172 Resp: 306674
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

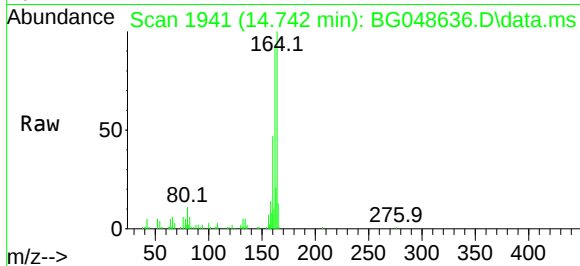
Tgt Ion:165 Resp: 6953
Ion Ratio Lower Upper
165 100
63 5.5 53.8 80.6#
89 0.0 50.8 76.2#



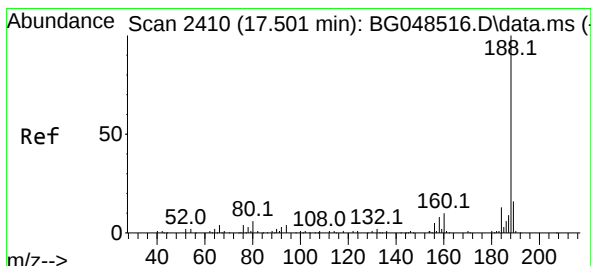
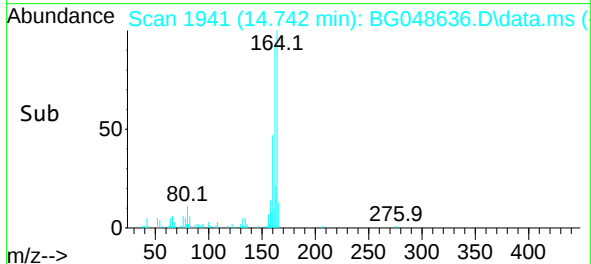
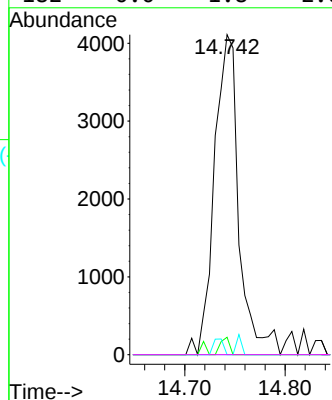


#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Instrument :
BNA_G
ClientSampleId :
PB135613TB

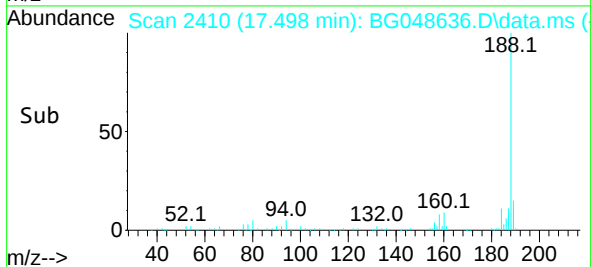
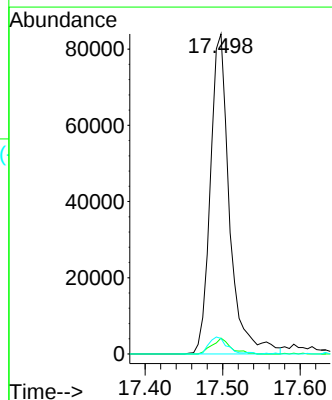
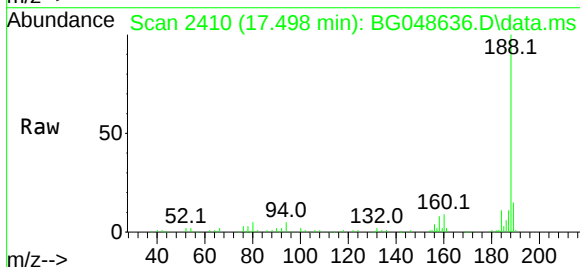


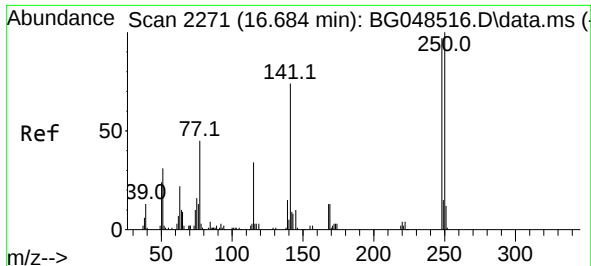
Tgt Ion:165 Resp: 6953
Ion Ratio Lower Upper
165 100
63 5.5 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Tgt Ion:188 Resp: 144212
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 4.8 4.5 6.7

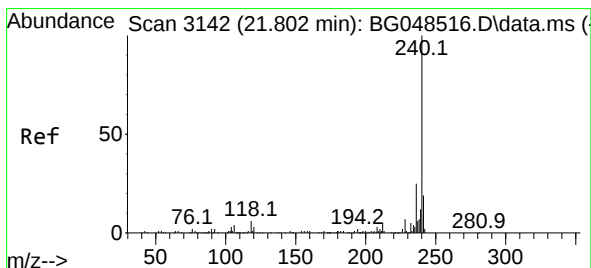
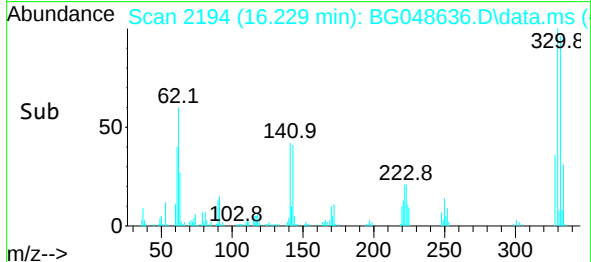
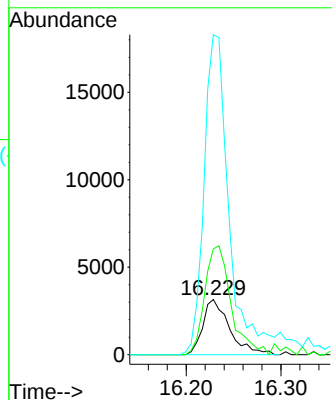
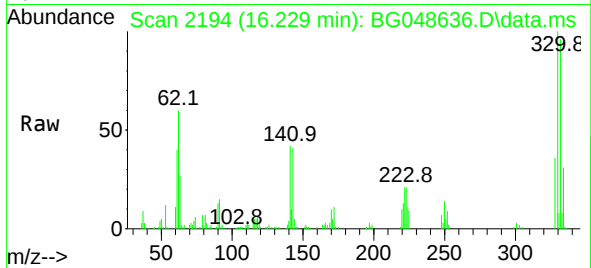




#67
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.456 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

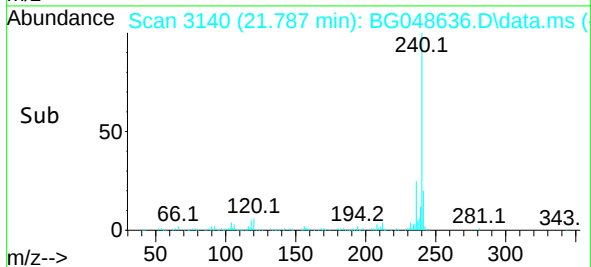
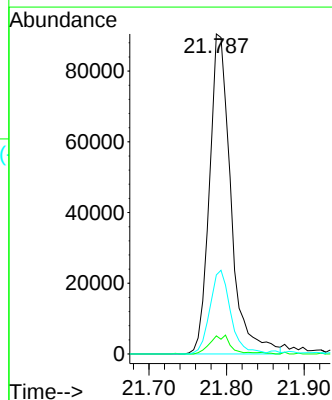
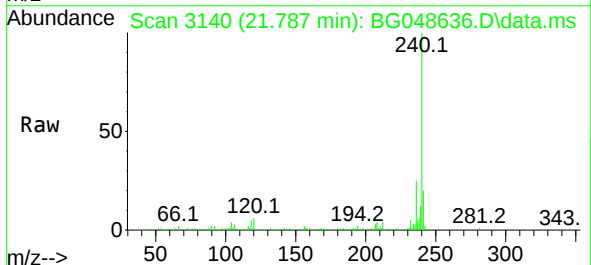
Instrument :
BNA_G
ClientSampleId :
PB135613TB

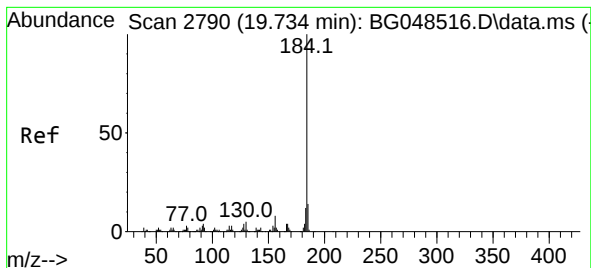
Tgt Ion:248 Resp: 6168
Ion Ratio Lower Upper
248 100
250 191.6 82.6 124.0#
141 580.1 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048636.D
Acq: 8 Apr 2021 12:33

Tgt Ion:240 Resp: 173931
Ion Ratio Lower Upper
240 100
120 5.7 2.6 3.8#
236 24.7 19.8 29.6





#77

Benzidine

Concen: 2.28 ng

RT: 20.106 min Scan# 2854

Delta R.T. 0.373 min

Lab File: BG048636.D

Acq: 8 Apr 2021 12:33

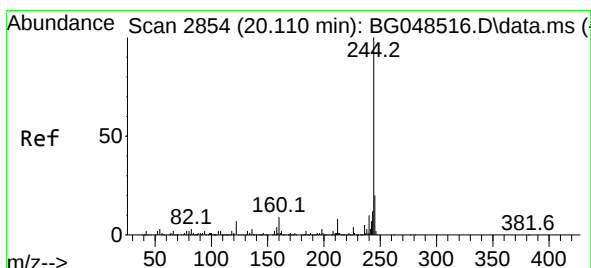
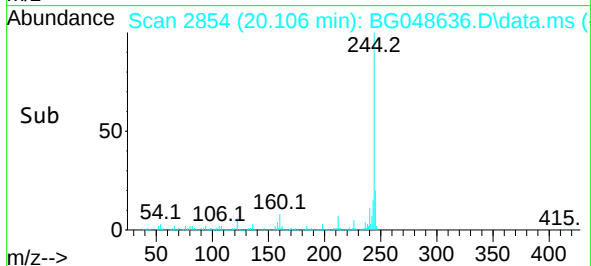
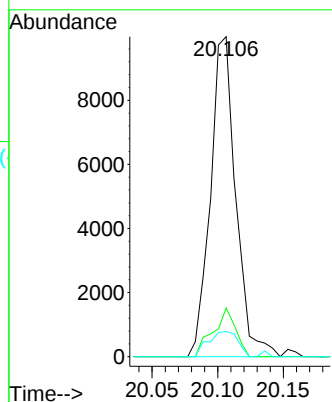
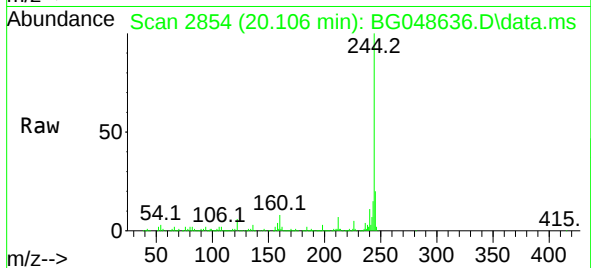
Instrument :

BNA_G

ClientSampleId :

PB135613TB

Tgt Ion:184	Resp:	13413
Ion Ratio	Lower	Upper
184	100	
185	15.2	11.0 16.4
183	7.9	9.2 13.8#



#79

Terphenyl-d14

Concen: 77.80 ng

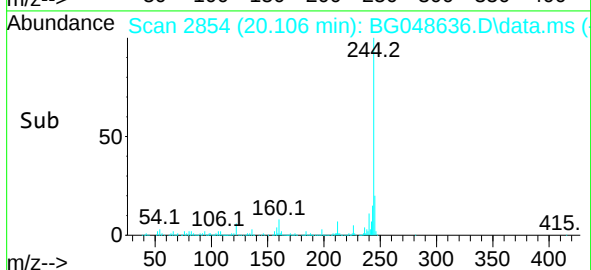
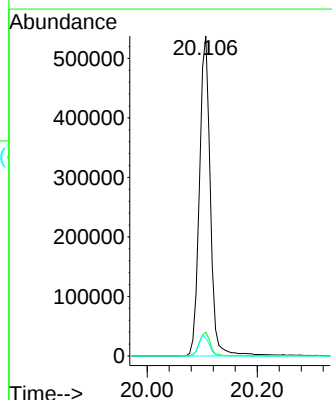
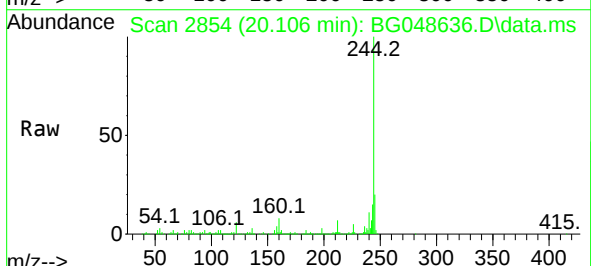
RT: 20.106 min Scan# 2854

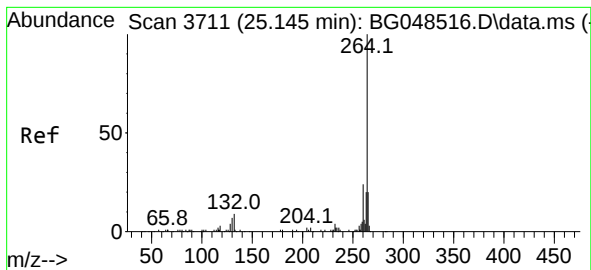
Delta R.T. -0.003 min

Lab File: BG048636.D

Acq: 8 Apr 2021 12:33

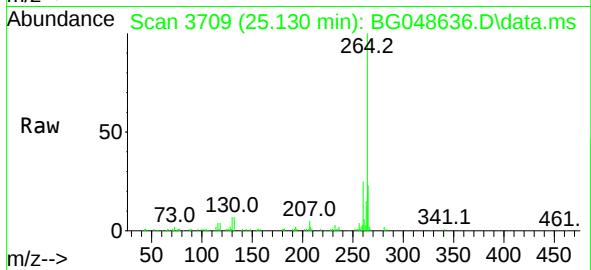
Tgt Ion:244	Resp:	739901
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.0 9.0
122	5.6	5.8 8.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.015 min
 Lab File: BG048636.D
 Acq: 8 Apr 2021 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB135613TB



Tgt Ion:264 Resp: 163361

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	22.7	16.1	24.1

