

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048944.D
 Acq On : 14 Jun 2021 11:18
 Operator : CG/JU
 Sample : PB137058BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137058BL

Quant Time: Jun 14 12:01:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

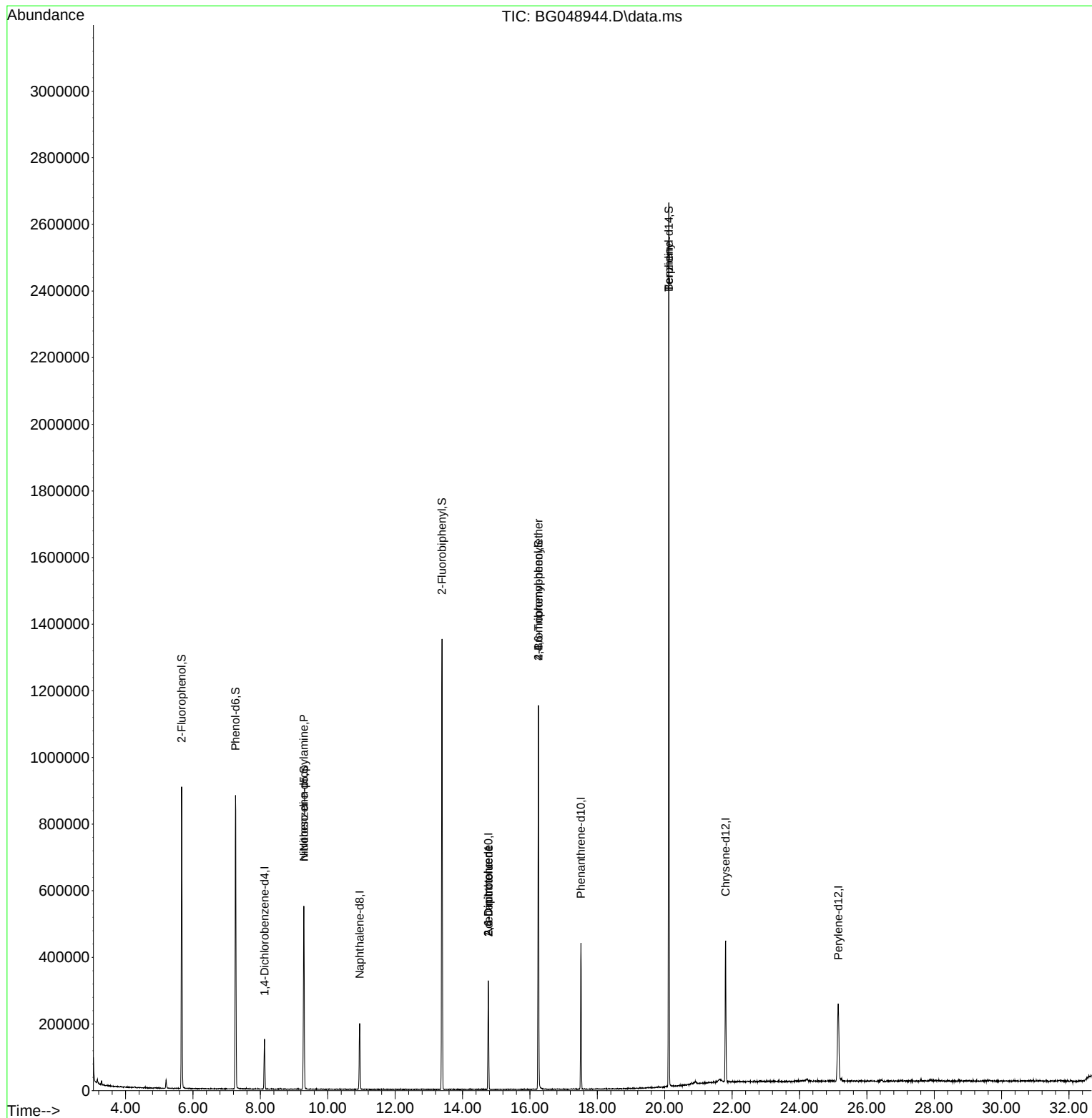
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	39464	20.000	ng	0.00
21) Naphthalene-d8	10.946	136	162490	20.000	ng	# 0.00
39) Acenaphthene-d10	14.766	164	116336	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	273035	20.000	ng	# 0.00
76) Chrysene-d12	21.810	240	272328	20.000	ng	# 0.00
86) Perylene-d12	25.153	264	270391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	347431	137.046	ng	0.00
7) Phenol-d6	7.263	99	462587	121.743	ng	0.00
23) Nitrobenzene-d5	9.290	82	327317	86.860	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	213511	123.876	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	683204	82.961	ng	0.00
79) Terphenyl-d14	20.124	244	1204211	80.983	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.290	70	47635	16.038	ng	# 76
51) 2,6-Dinitrotoluene	14.766	165	15023	8.140	ng	# 10
57) 2,4-Dinitrotoluene	14.766	165	15023	6.627	ng	# 15
67) 4-Bromophenyl-phenylether	16.252	248	14105	4.137	ng	# 1
77) Benzidine	20.124	184	24173	4.406	ng	# 93

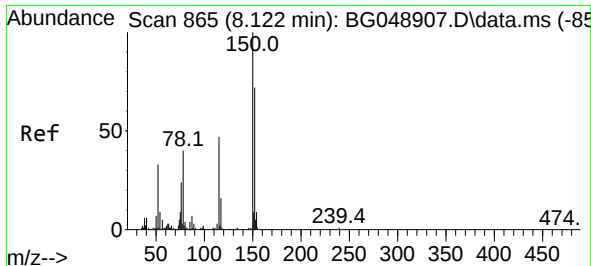
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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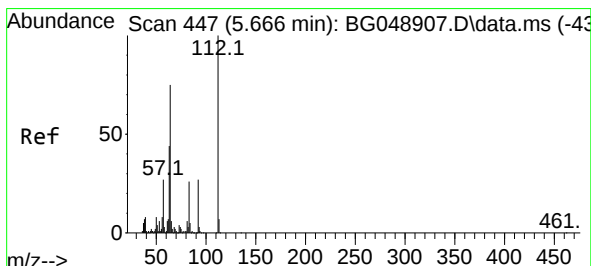
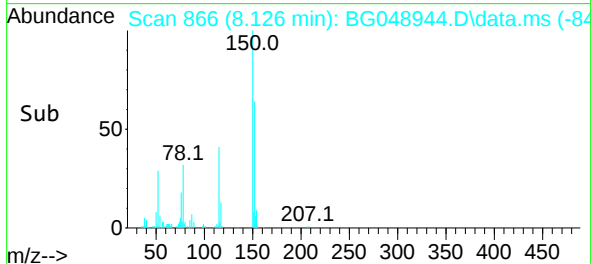
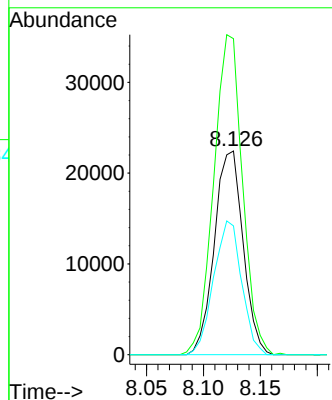
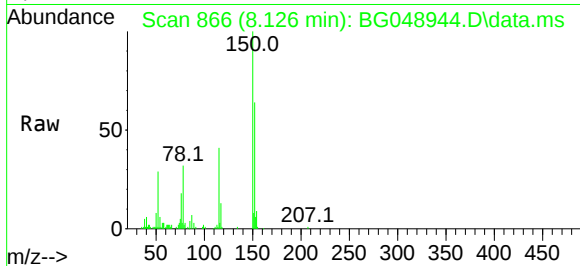




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.126 min Scan# 866
Delta R.T. 0.004 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

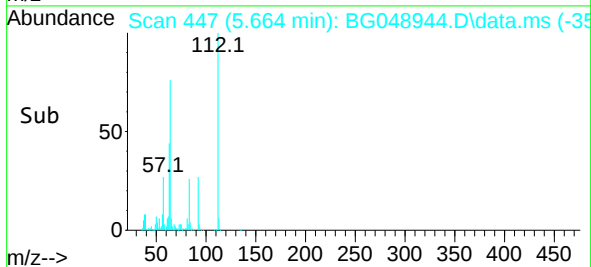
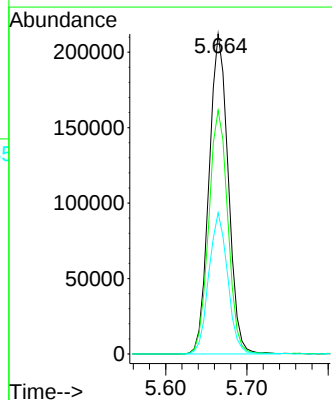
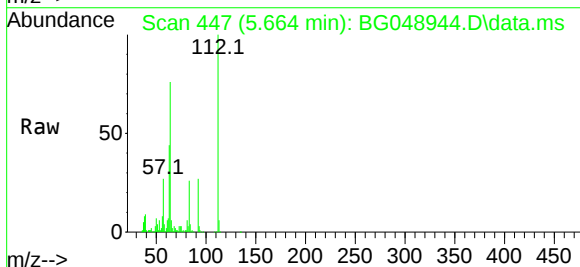
Instrument :
BNA_G
ClientSampleId :
PB137058BL

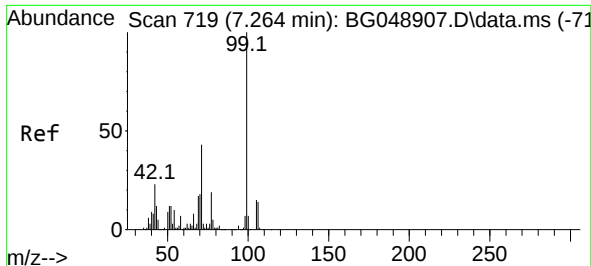
Tgt Ion:152 Resp: 39464
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 63.2 60.2 90.4



#5
2-Fluorophenol
Concen: 137.046 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Tgt Ion:112 Resp: 347431
Ion Ratio Lower Upper
112 100
64 76.1 46.7 70.1#
63 44.1 35.3 52.9

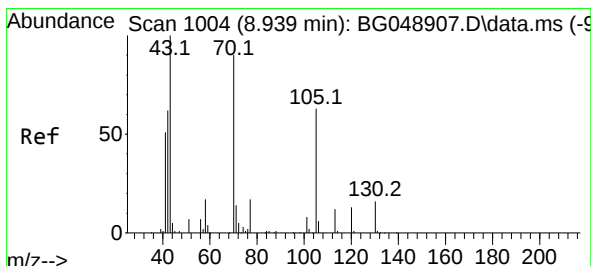
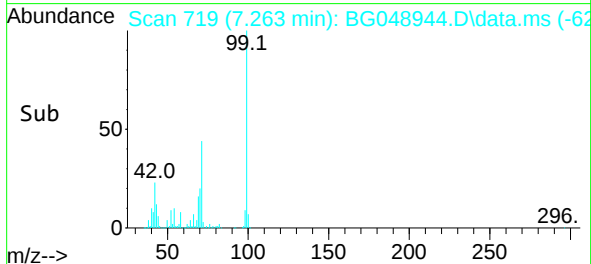
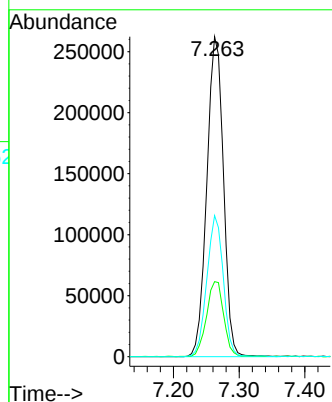
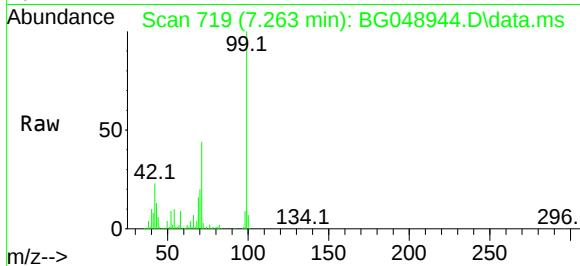




#7
Phenol-d6
Concen: 121.743 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

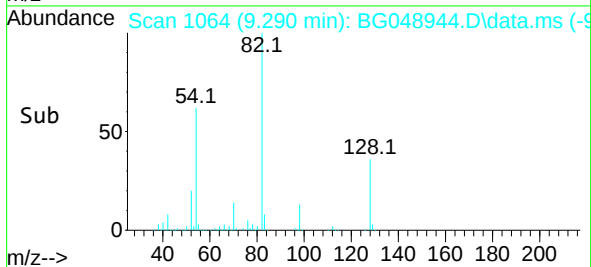
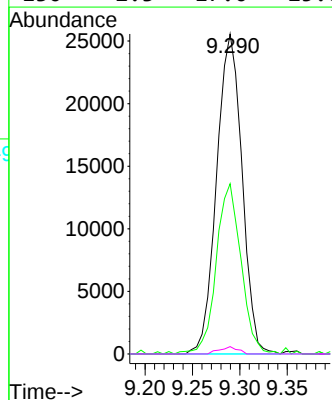
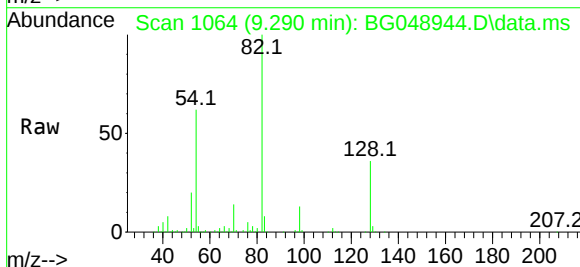
Instrument :
BNA_G
ClientSampleId :
PB137058BL

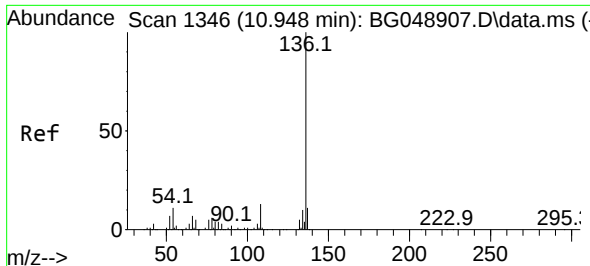
Tgt Ion: 99 Resp: 462587
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 44.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.038 ng
RT: 9.290 min Scan# 1064
Delta R.T. 0.351 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Tgt Ion: 70 Resp: 47635
Ion Ratio Lower Upper
70 100
42 53.2 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

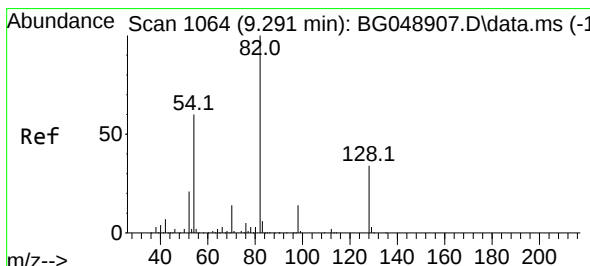
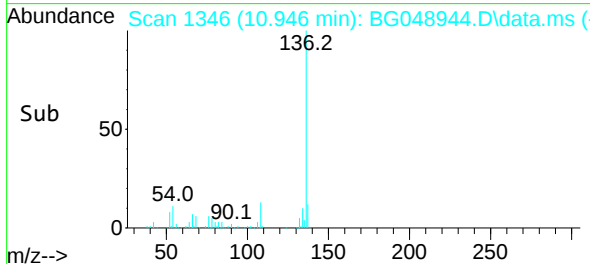
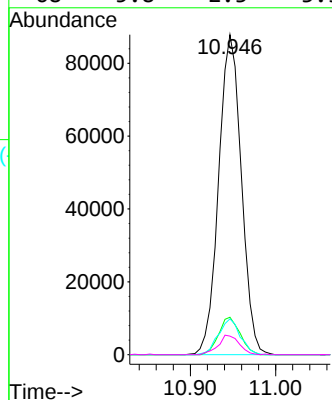
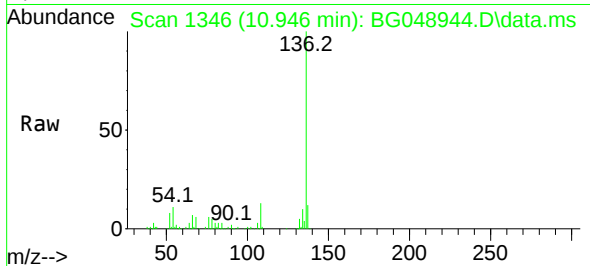




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

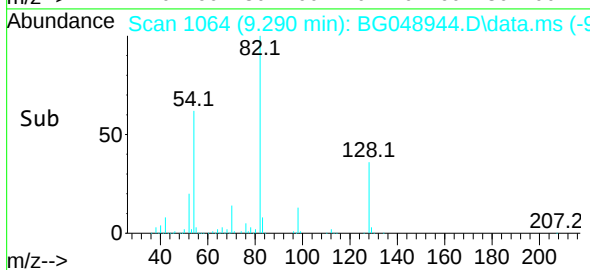
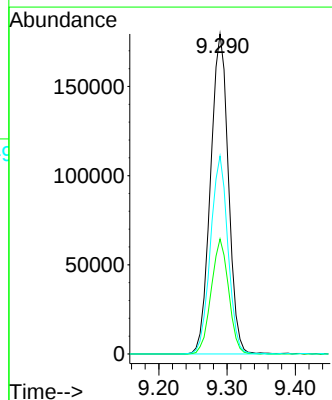
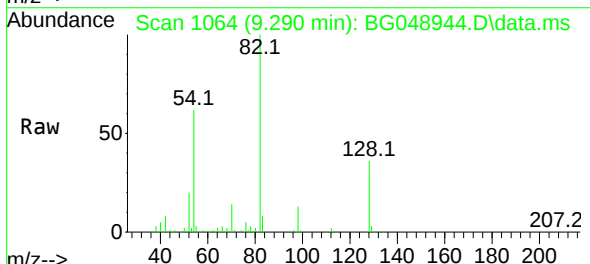
Instrument :
BNA_G
ClientSampleId :
PB137058BL

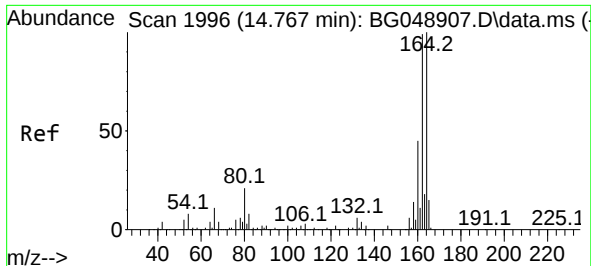
Tgt Ion:	136	Resp:	162490
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.2	12.2
54	11.2	5.5	8.3#
68	5.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 86.860 ng
RT: 9.290 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

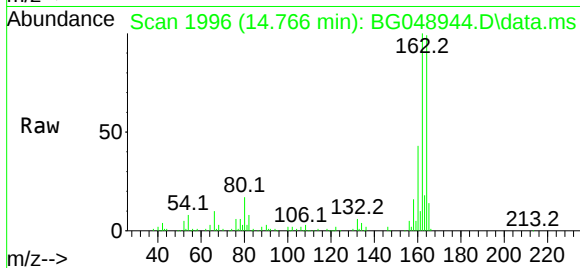
Tgt Ion:	82	Resp:	327317
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.8	44.6
54	61.8	45.8	68.8



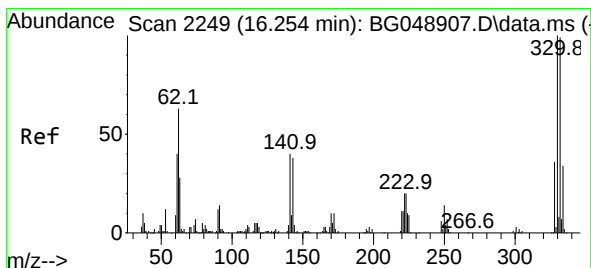
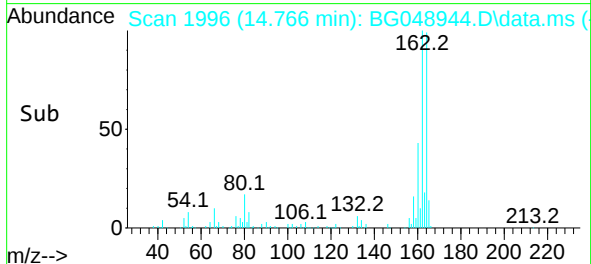
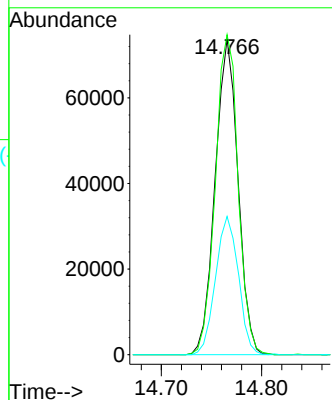


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Instrument :
BNA_G
ClientSampleId :
PB137058BL

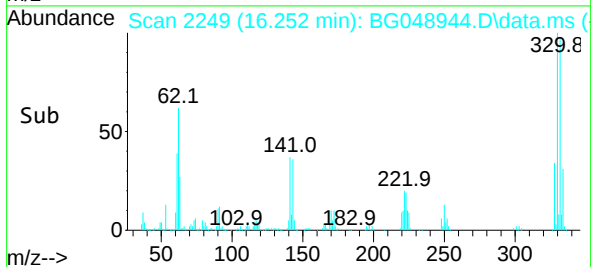
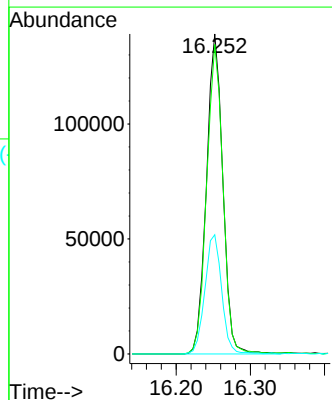
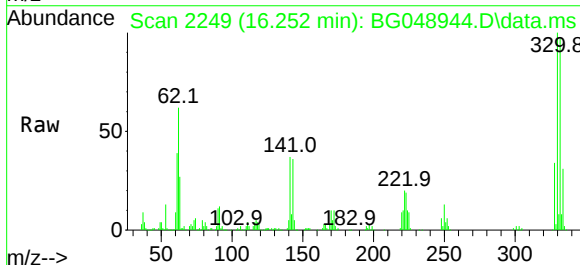


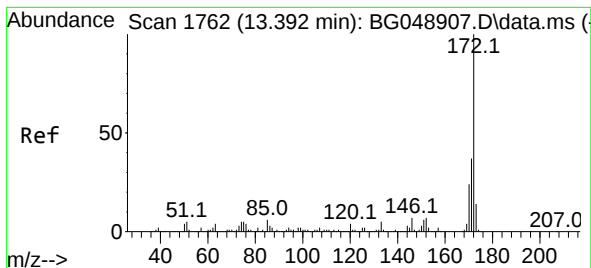
Tgt Ion:164 Resp: 116336
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 123.876 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

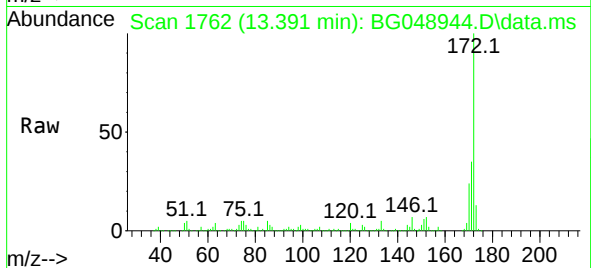
Tgt Ion:330 Resp: 213511
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 38.3 35.6 53.4



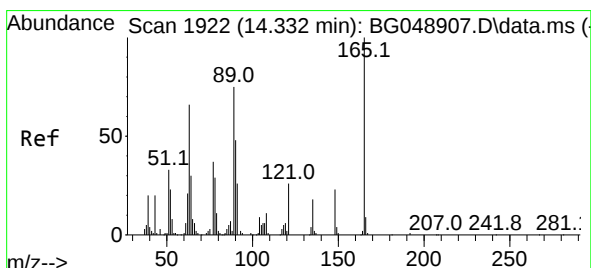
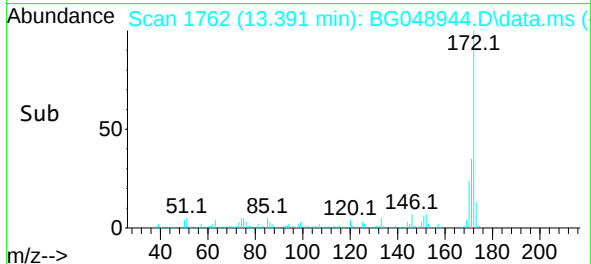
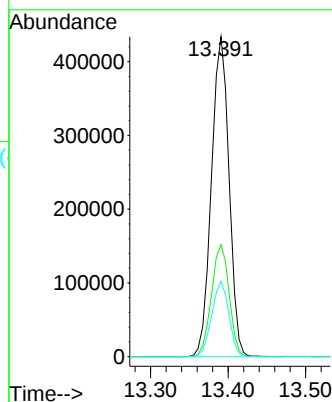


#45
2-Fluorobiphenyl
Concen: 82.961 ng
RT: 13.391 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

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ClientSampleId :
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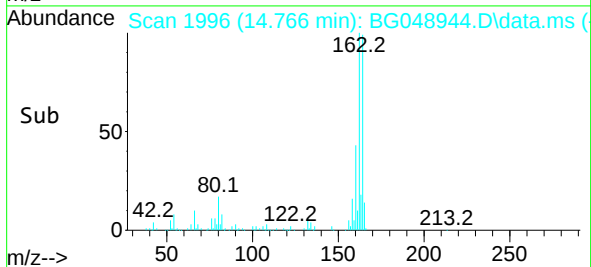
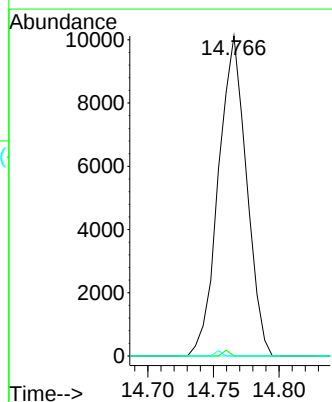
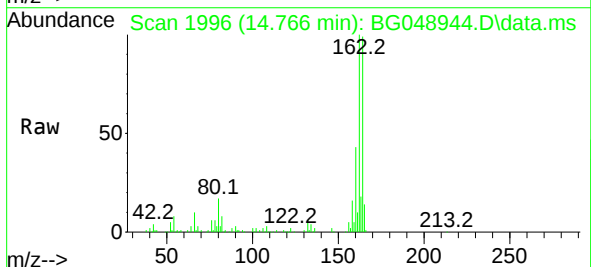


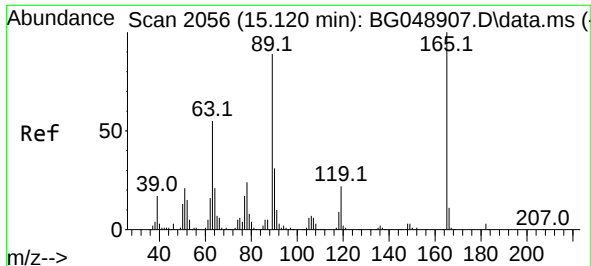
Tgt Ion:172 Resp: 683204
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.433 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Tgt Ion:165 Resp: 15023
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

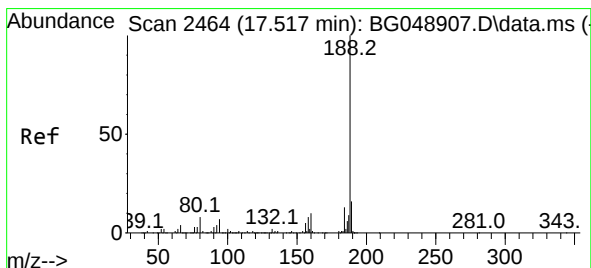
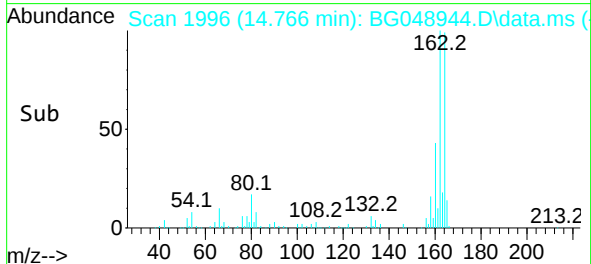
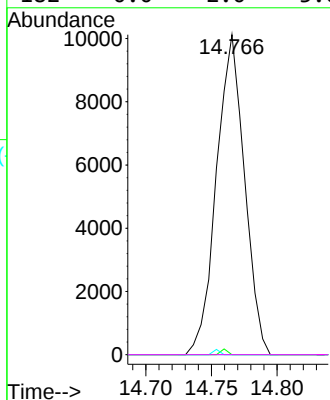
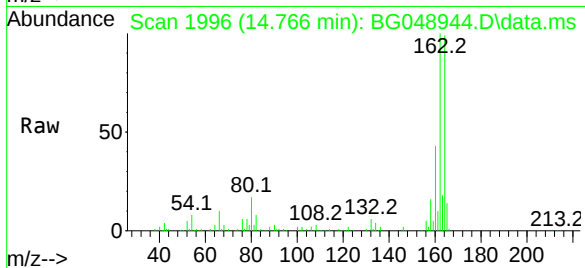




#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

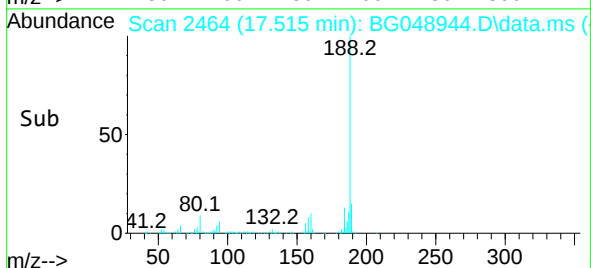
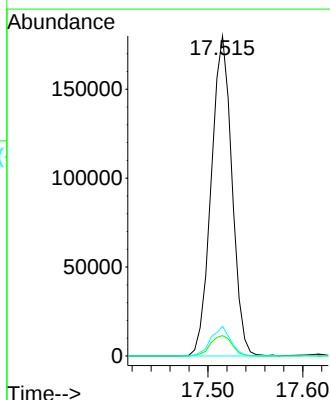
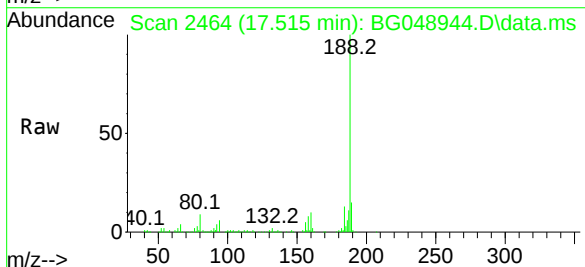
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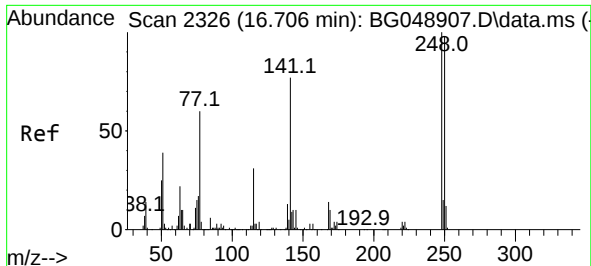
Tgt Ion:165	Resp:	15023
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.515 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Tgt Ion:188	Resp:	273035
Ion Ratio	Lower	Upper
188	100	
94	6.4	5.4 8.0
80	9.3	3.7 5.5#

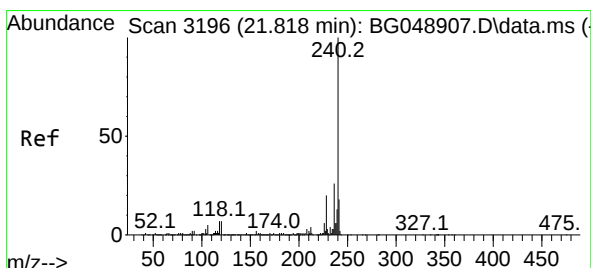
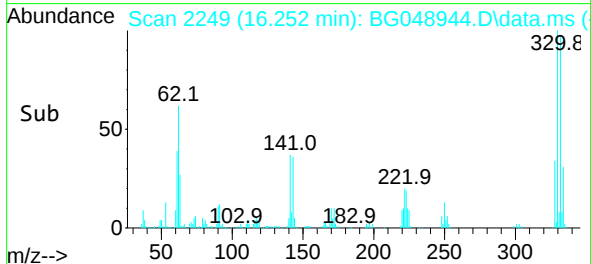
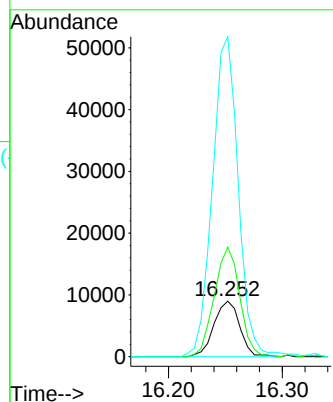
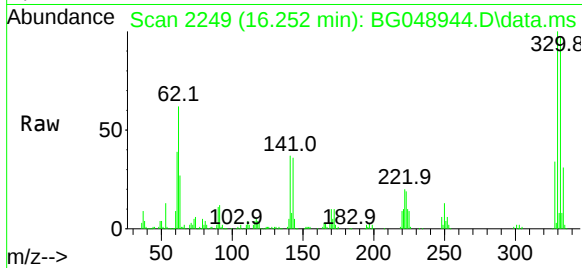




#67
4-Bromophenyl-phenylether
Concen: 4.137 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.454 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

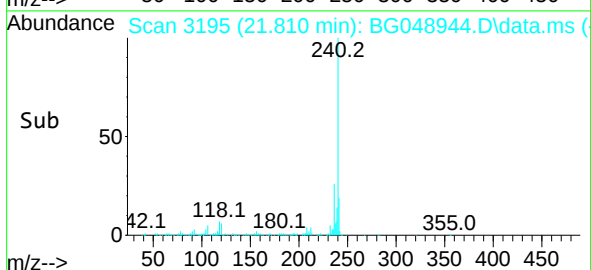
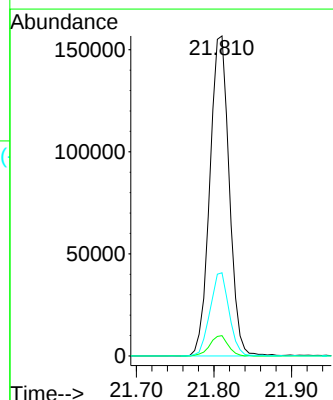
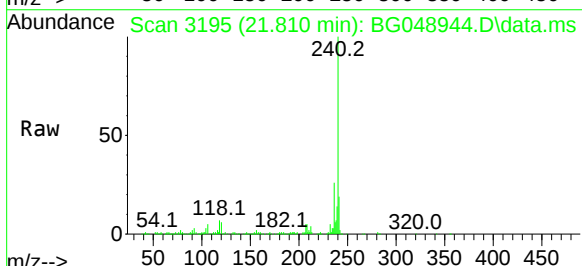
Instrument :
BNA_G
ClientSampled :
PB137058BL

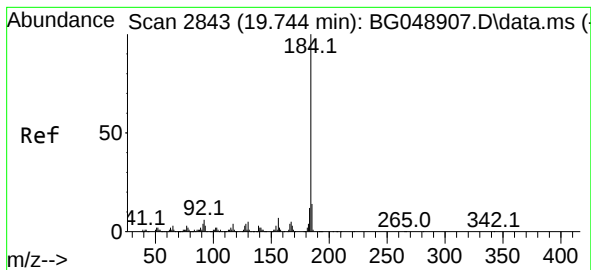
Tgt Ion:248 Resp: 14105
Ion Ratio Lower Upper
248 100
250 197.5 76.1 114.1#
141 576.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.810 min Scan# 3195
Delta R.T. -0.008 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Tgt Ion:240 Resp: 272328
Ion Ratio Lower Upper
240 100
120 6.3 4.2 6.2#
236 26.0 21.8 32.6





#77

Benzidine

Concen: 4.406 ng

RT: 20.124 min Scan# 2908

Delta R.T. 0.380 min

Lab File: BG048944.D

Acq: 14 Jun 2021 11:18

Tgt Ion:184 Resp: 24173

Ion Ratio Lower Upper

184 100

185 12.3 10.7 16.1

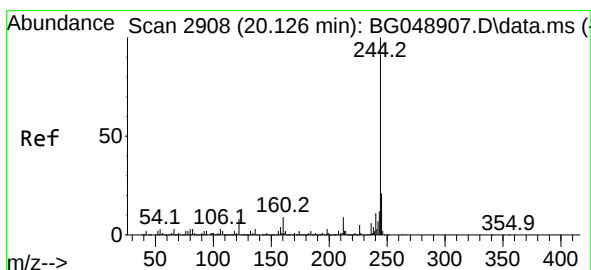
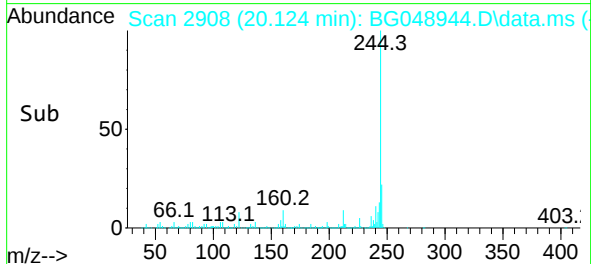
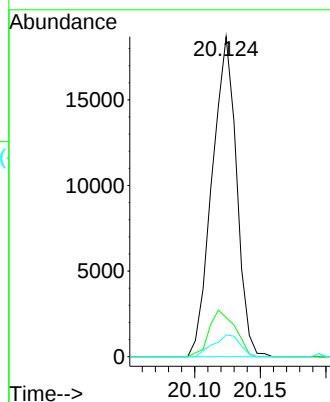
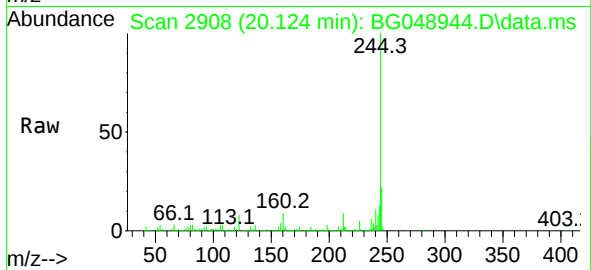
183 6.8 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

PB137058BL



#79

Terphenyl-d14

Concen: 80.983 ng

RT: 20.124 min Scan# 2908

Delta R.T. -0.002 min

Lab File: BG048944.D

Acq: 14 Jun 2021 11:18

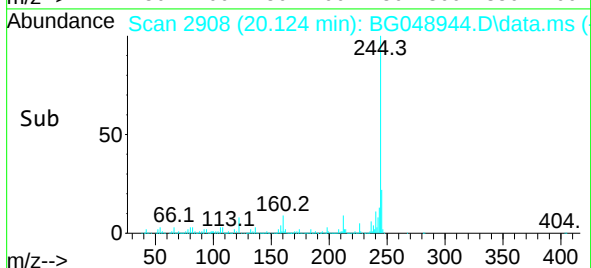
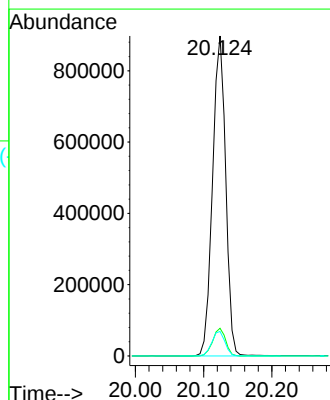
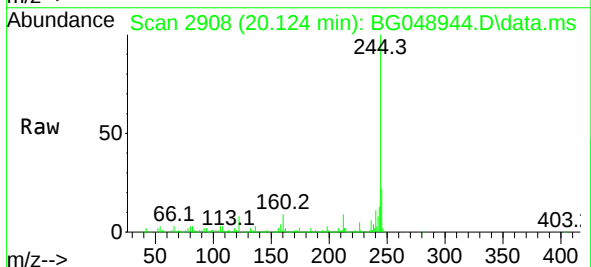
Tgt Ion:244 Resp: 1204211

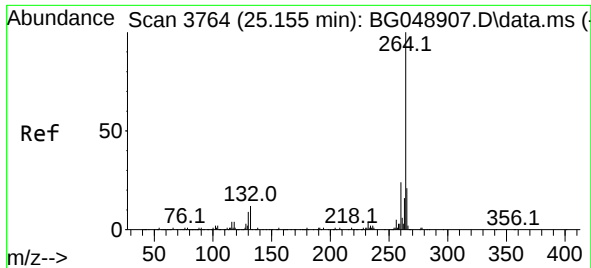
Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

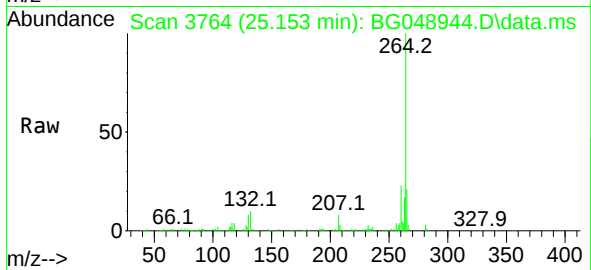
122 7.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.153 min Scan# 3764
Delta R.T. -0.002 min
Lab File: BG048944.D
Acq: 14 Jun 2021 11:18

Instrument :
BNA_G
ClientSampleId :
PB137058BL



Tgt Ion:264 Resp: 270391

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.7	16.9	25.3

