

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
 Data File : BG048912.D
 Acq On : 11 Jun 2021 16:29
 Operator : CG/JU
 Sample : PB136924BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB136924BL

Quant Time: Jun 11 17:02:46 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)

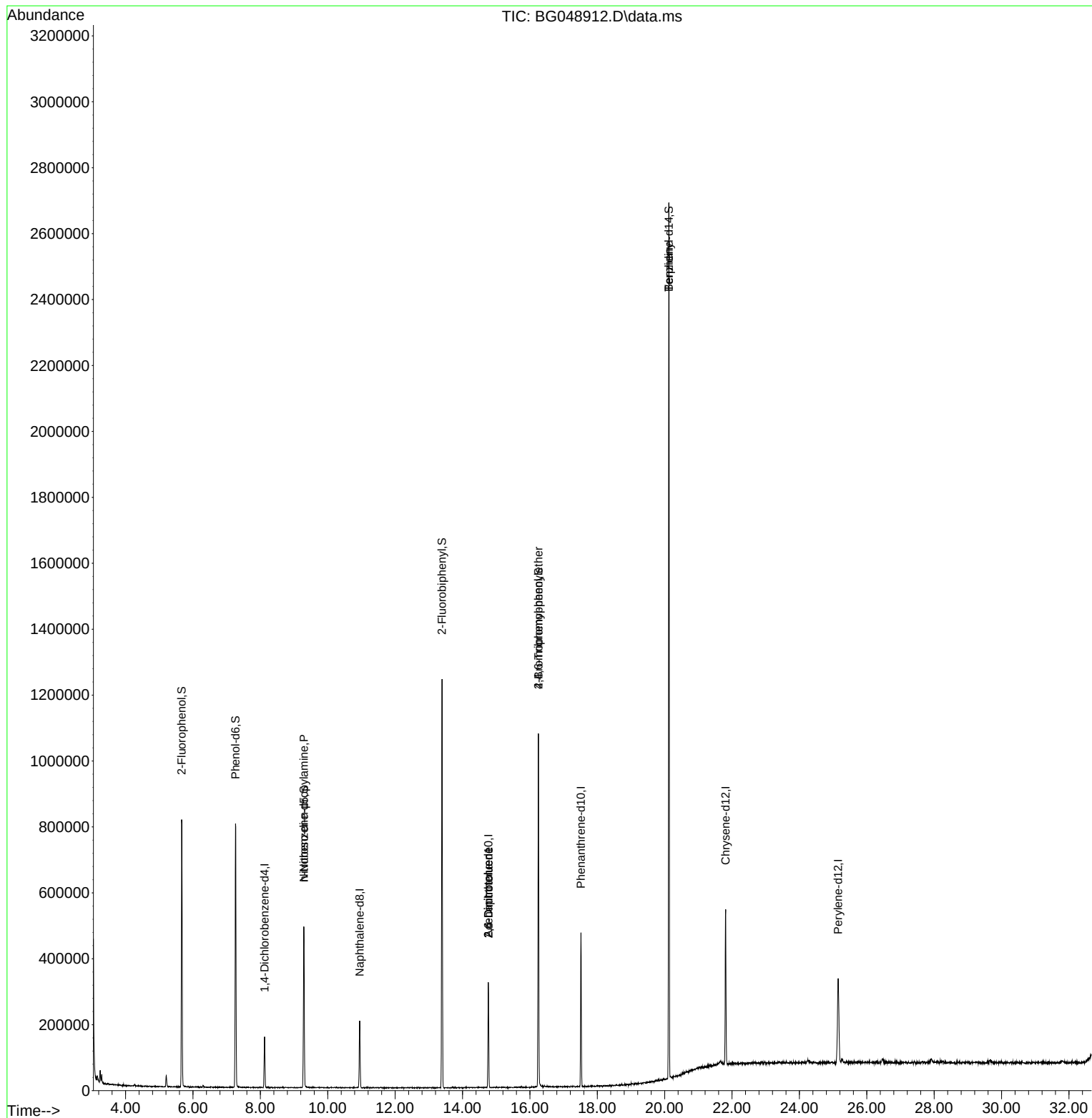
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.127	152	39546	20.000	ng	0.00
21) Naphthalene-d8	10.947	136	159834	20.000	ng	# 0.00
39) Acenaphthene-d10	14.766	164	114590	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	288016	20.000	ng	# 0.00
76) Chrysene-d12	21.811	240	296083	20.000	ng	0.00
86) Perylene-d12	25.148	264	292720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	316236	124.482	ng	0.00
7) Phenol-d6	7.263	99	424007	111.359	ng	0.00
23) Nitrobenzene-d5	9.290	82	296042	79.866	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	203904	120.105	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	621555	76.625	ng	0.00
79) Terphenyl-d14	20.124	244	1226757	75.881	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.290	70	42044	14.127	ng	# 75
51) 2,6-Dinitrotoluene	14.766	165	15267	8.399	ng	# 10
57) 2,4-Dinitrotoluene	14.766	165	15267	6.838	ng	# 15
67) 4-Bromophenyl-phenylether	16.253	248	13128	3.650	ng	# 1
77) Benzidine	20.124	184	23373	3.919	ng	# 91

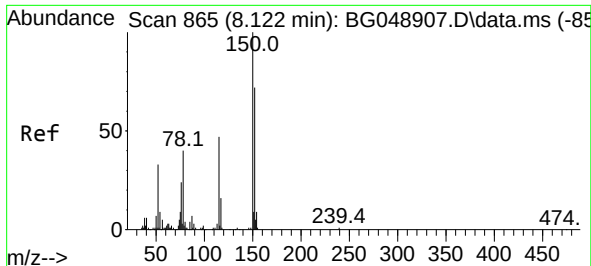
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

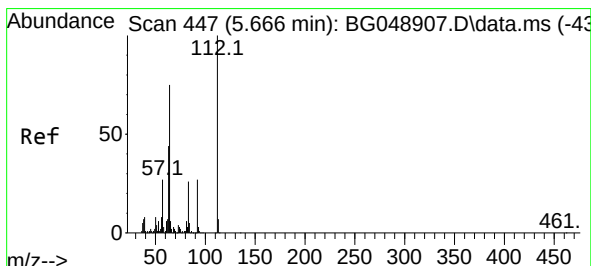
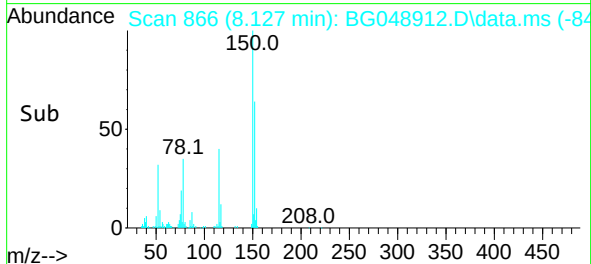
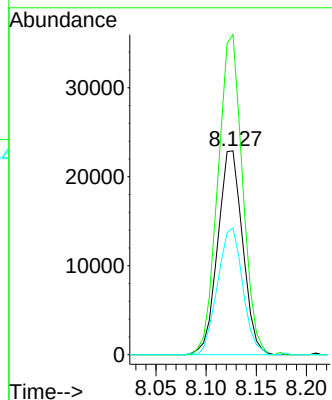
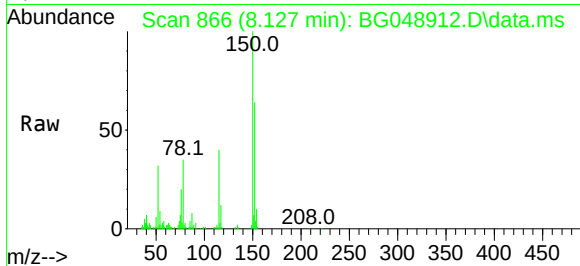




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.127 min Scan# 866
Delta R.T. 0.005 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

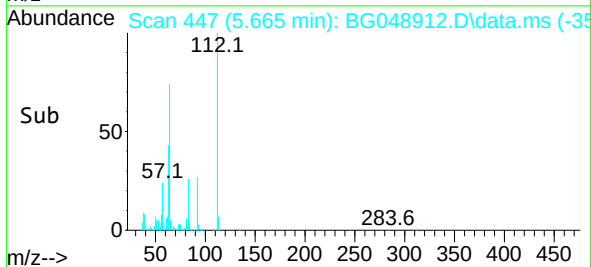
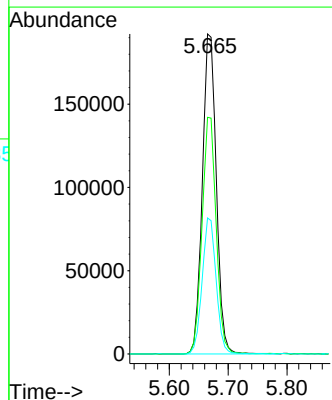
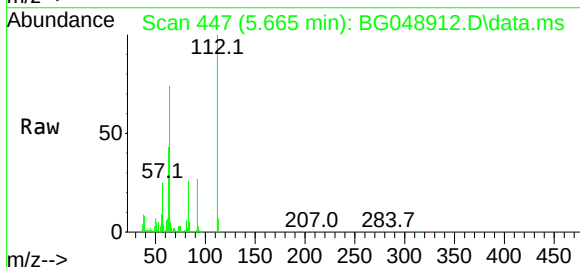
Instrument :
BNA_G
ClientSampleId :
PB136924BL

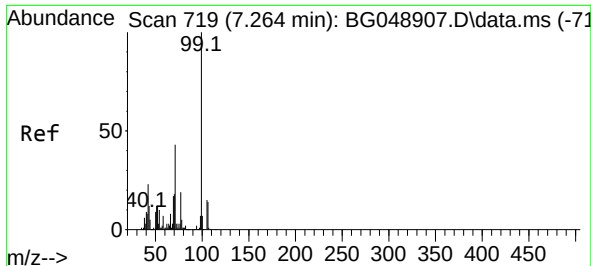
Tgt Ion:152 Resp: 39546
Ion Ratio Lower Upper
152 100
150 156.9 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 124.482 ng
RT: 5.665 min Scan# 447
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion:112 Resp: 316236
Ion Ratio Lower Upper
112 100
64 74.0 46.7 70.1#
63 42.5 35.3 52.9

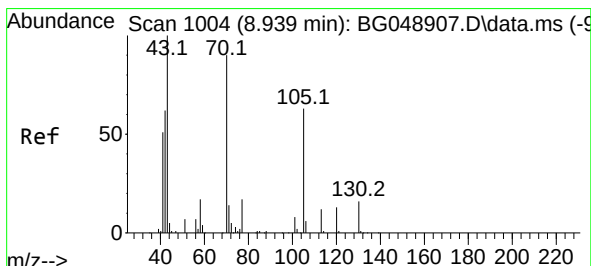
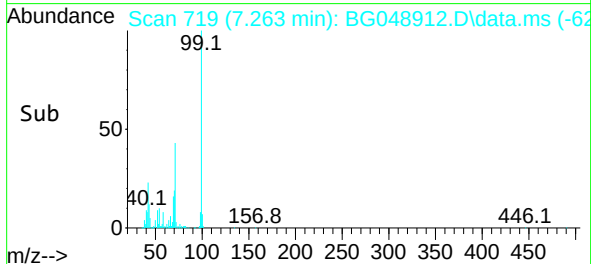
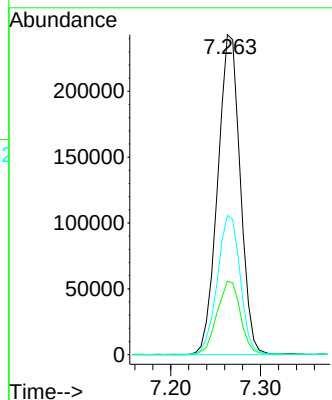
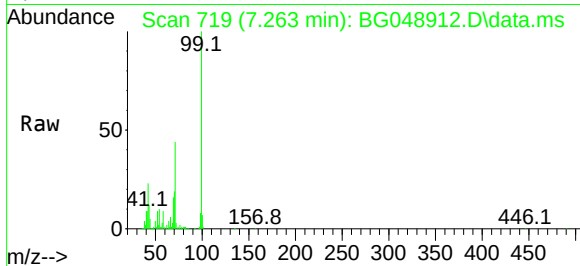




#7
Phenol-d6
Concen: 111.359 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

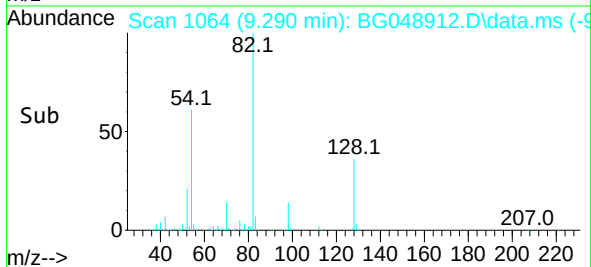
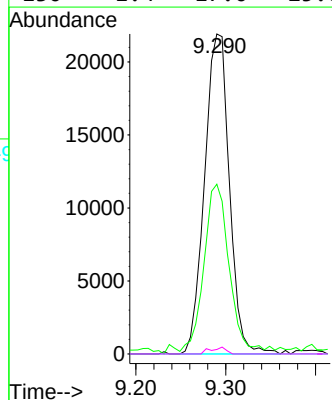
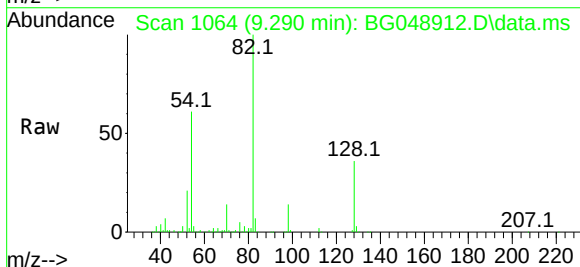
Instrument :
BNA_G
ClientSampleId :
PB136924BL

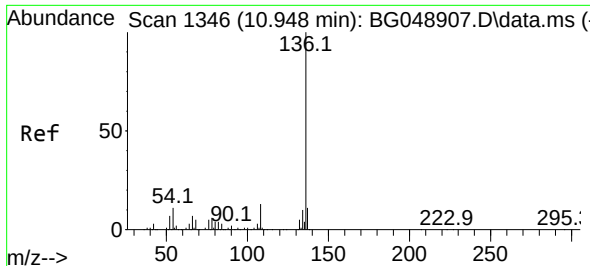
Tgt Ion: 99 Resp: 424007
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 43.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.127 ng
RT: 9.290 min Scan# 1064
Delta R.T. 0.351 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion: 70 Resp: 42044
Ion Ratio Lower Upper
70 100
42 53.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

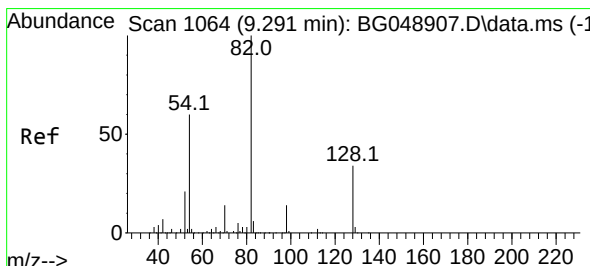
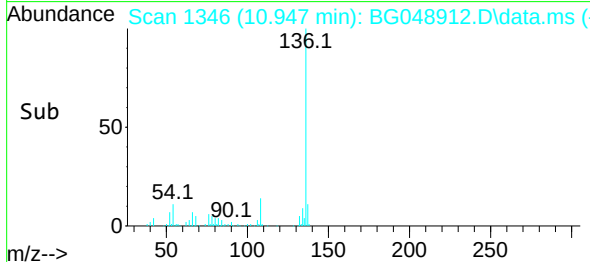
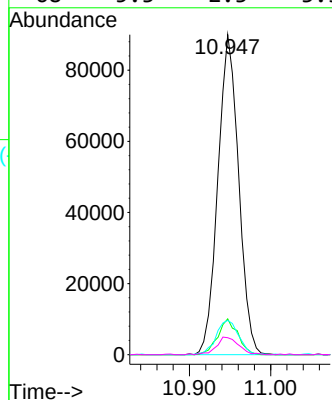
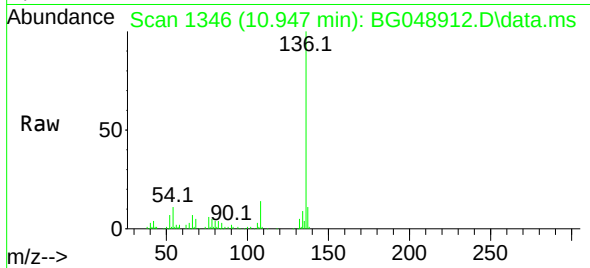




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.947 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

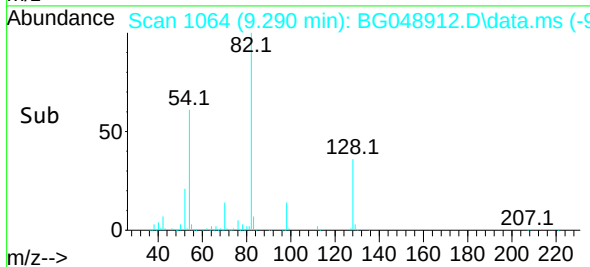
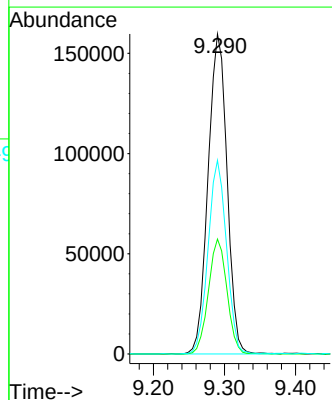
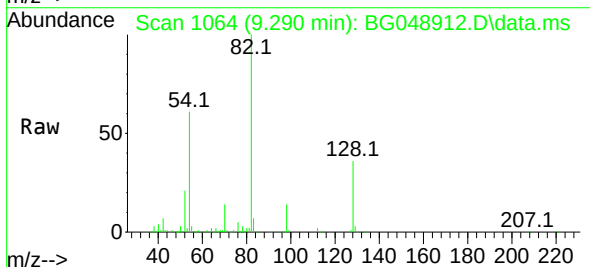
Instrument :
BNA_G
ClientSampleId :
PB136924BL

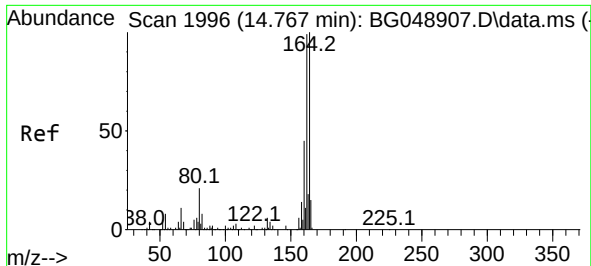
Tgt Ion:136	Resp:	159834
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.2
54	10.7	5.5 8.3#
68	5.3	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 79.866 ng
RT: 9.290 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion: 82	Resp:	296042
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.8 44.6
54	60.5	45.8 68.8

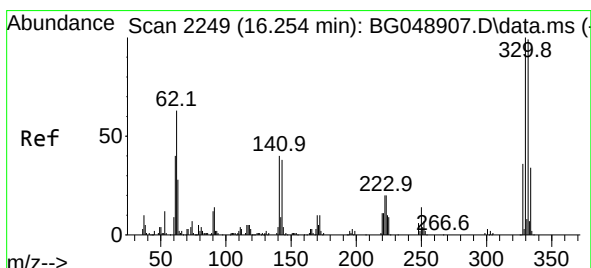
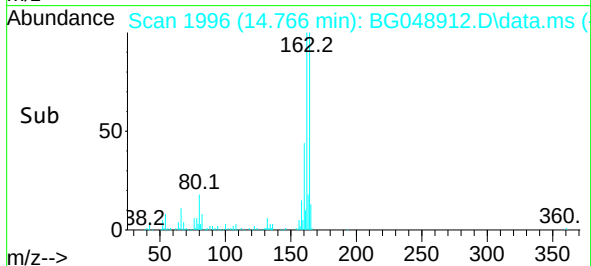
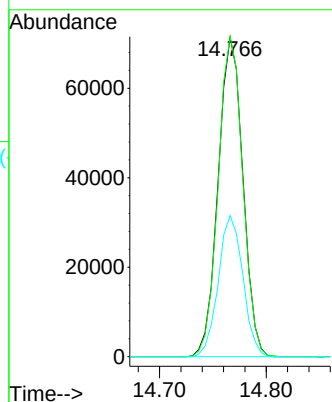
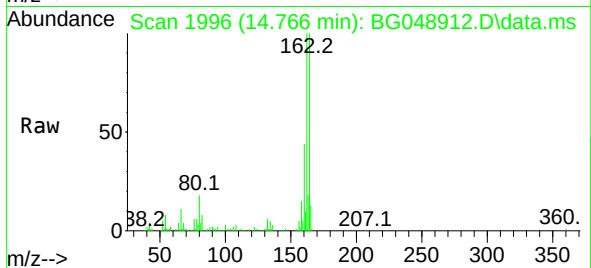




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

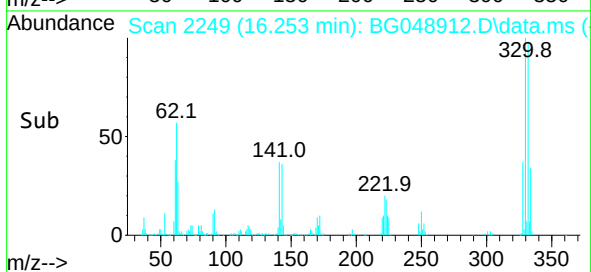
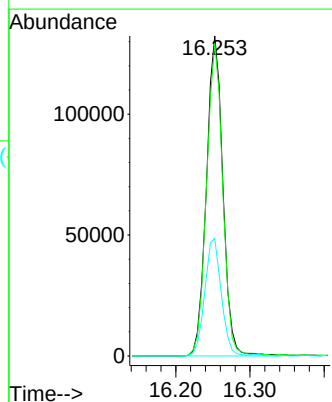
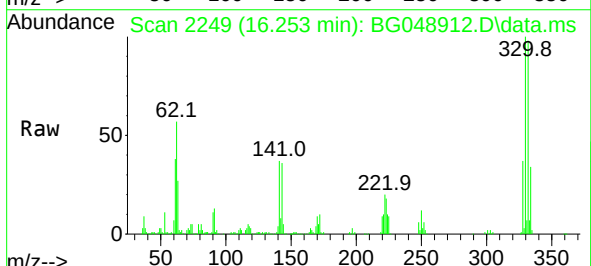
Instrument :
BNA_G
ClientSampleId :
PB136924BL

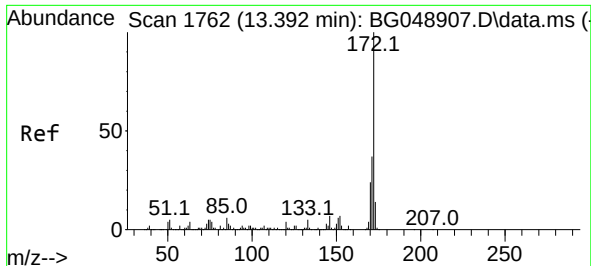
Tgt Ion:164 Resp: 114590
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 120.105 ng
RT: 16.253 min Scan# 2249
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion:330 Resp: 203904
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 36.9 35.6 53.4

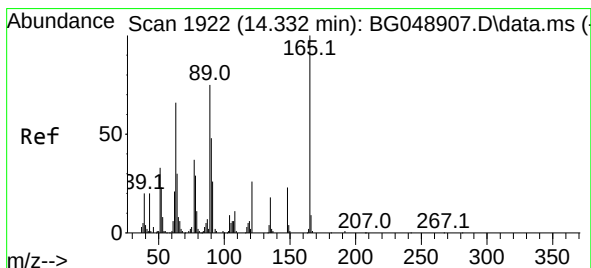
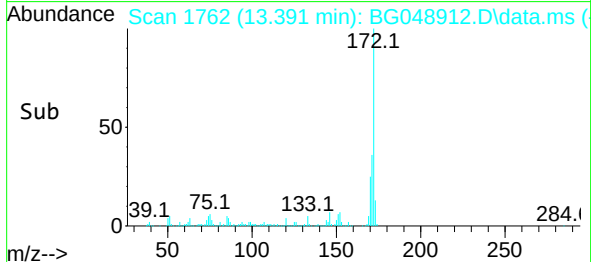
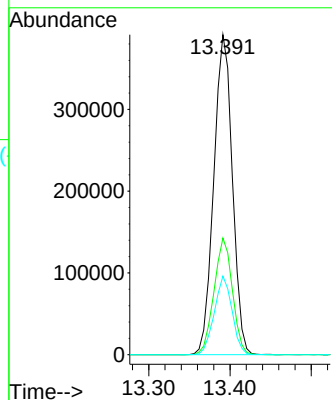
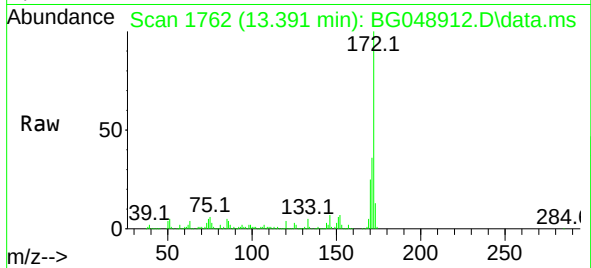




#45
2-Fluorobiphenyl
Concen: 76.625 ng
RT: 13.391 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

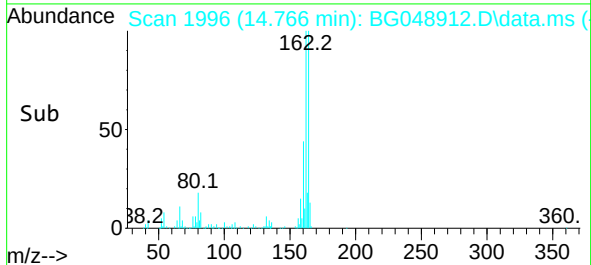
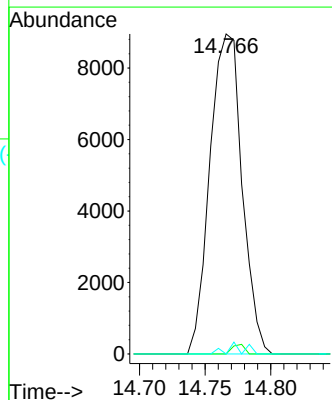
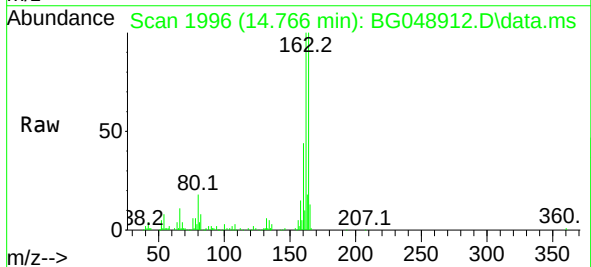
Instrument :
BNA_G
ClientSampleId :
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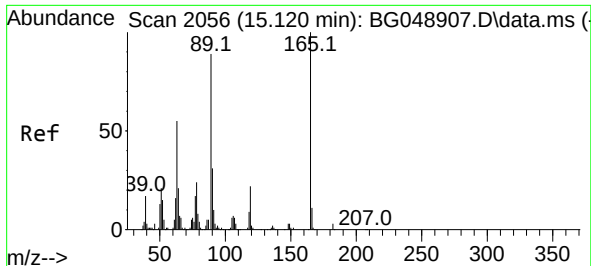
Tgt Ion:172 Resp: 621555
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.399 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.434 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

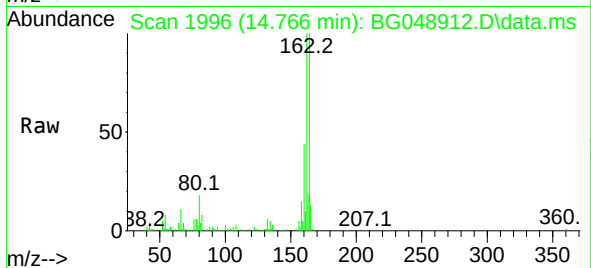
Tgt Ion:165 Resp: 15267
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



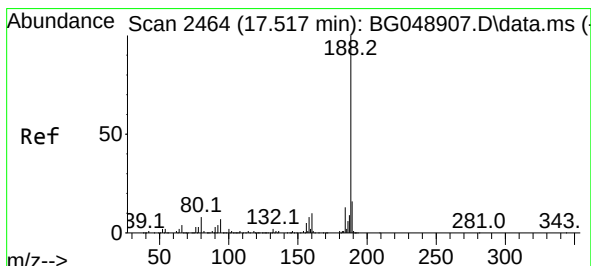
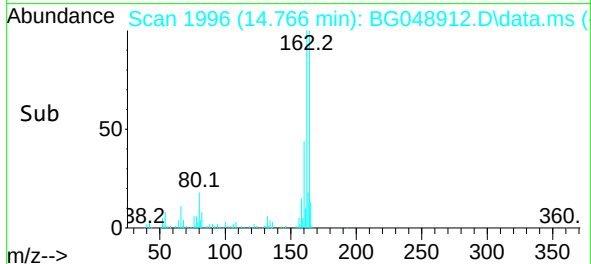
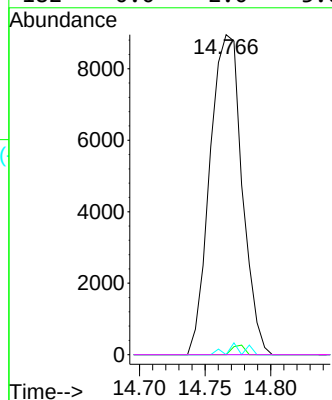


#57
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Instrument :
BNA_G
ClientSampleId :
PB136924BL

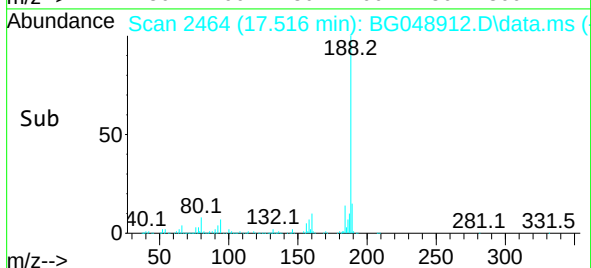
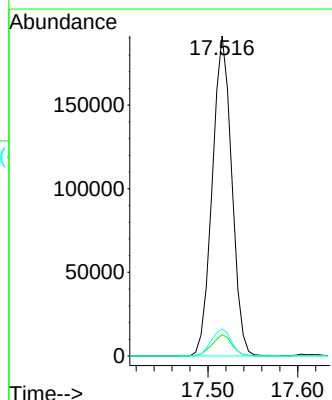
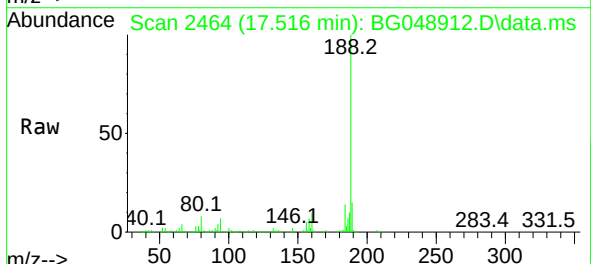


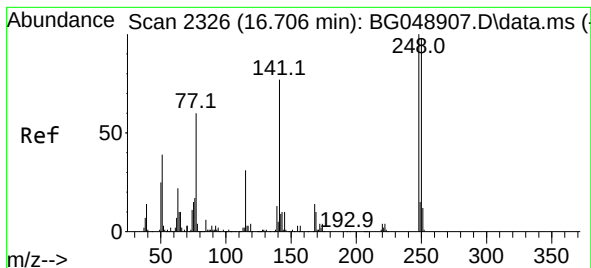
Tgt Ion:165 Resp: 15267
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.516 min Scan# 2464
Delta R.T. -0.001 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion:188 Resp: 288016
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.4 3.7 5.5#

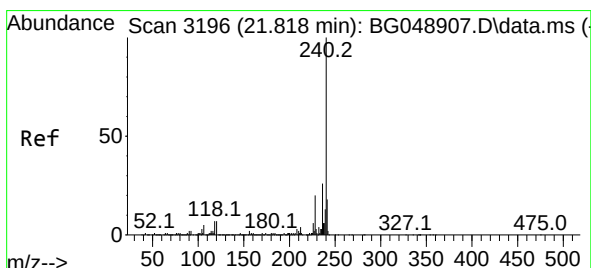
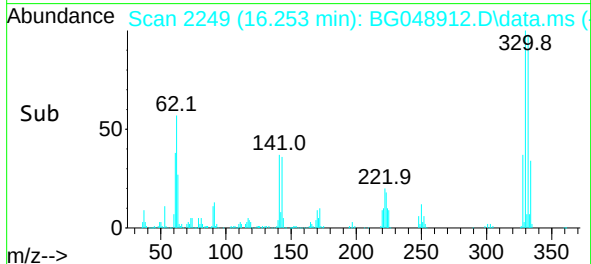
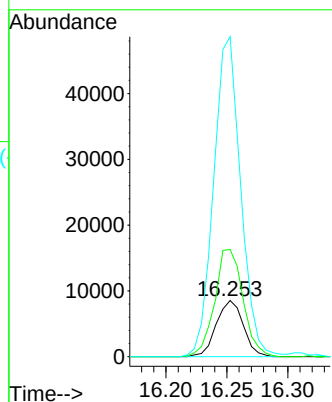
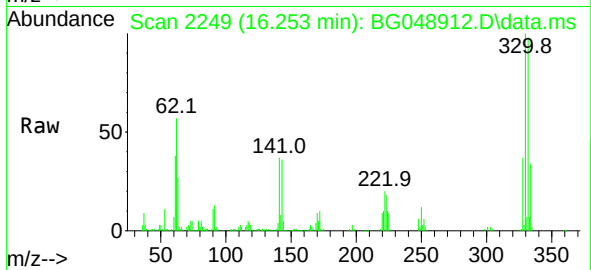




#67
4-Bromophenyl-phenylether
Concen: 3.650 ng
RT: 16.253 min Scan# 2249
Delta R.T. -0.454 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

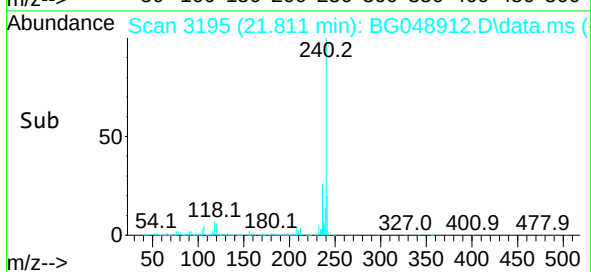
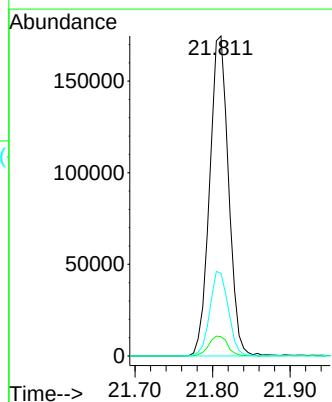
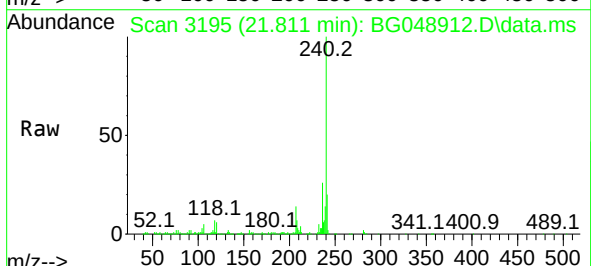
Instrument :
BNA_G
ClientSampleId :
PB136924BL

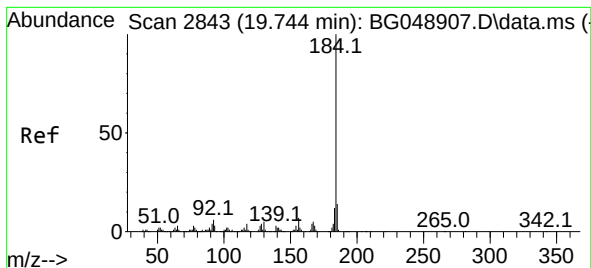
Tgt Ion:248 Resp: 13128
Ion Ratio Lower Upper
248 100
250 190.6 76.1 114.1#
141 569.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.811 min Scan# 3195
Delta R.T. -0.007 min
Lab File: BG048912.D
Acq: 11 Jun 2021 16:29

Tgt Ion:240 Resp: 296083
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 25.8 21.8 32.6





#77

Benzidine

Concen: 3.919 ng

RT: 20.124 min Scan# 2908

Delta R.T. 0.381 min

Lab File: BG048912.D

Acq: 11 Jun 2021 16:29

Tgt Ion:184 Resp: 23373

Ion Ratio Lower Upper

184 100

185 19.3 10.7 16.1#

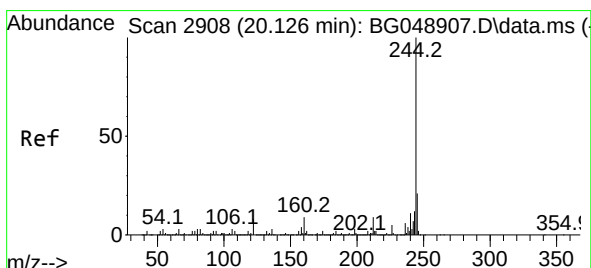
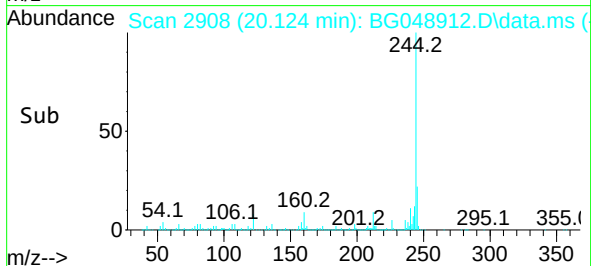
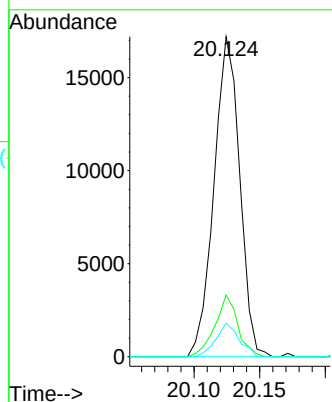
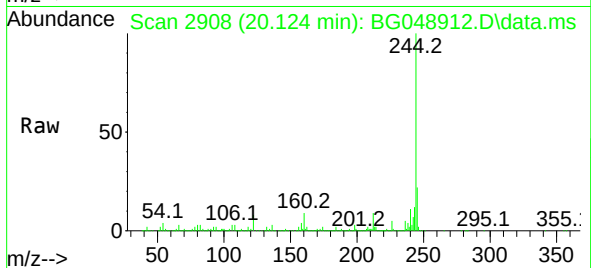
183 10.5 9.4 14.0

Instrument :

BNA_G

ClientSampleId :

PB136924BL



#79

Terphenyl-d14

Concen: 75.881 ng

RT: 20.124 min Scan# 2908

Delta R.T. -0.001 min

Lab File: BG048912.D

Acq: 11 Jun 2021 16:29

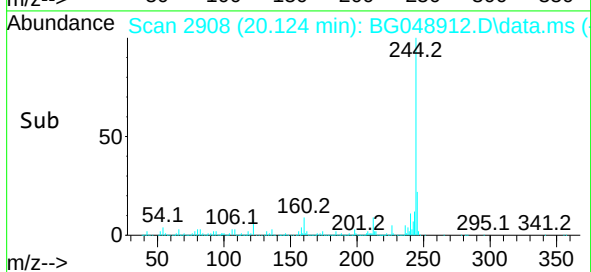
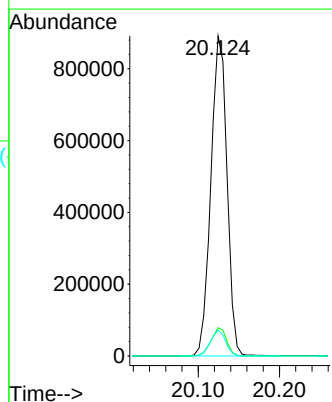
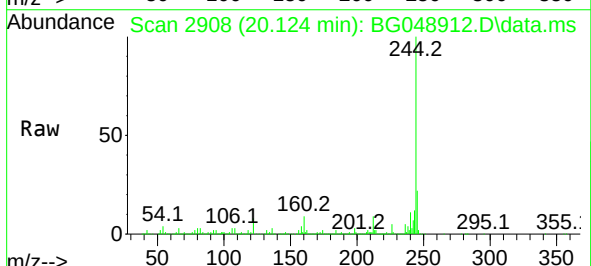
Tgt Ion:244 Resp: 1226757

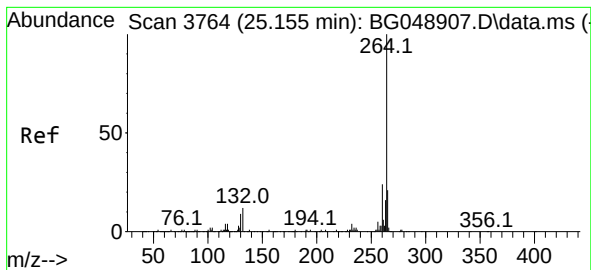
Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

122 8.1 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.148 min Scan# 3763
 Delta R.T. -0.007 min
 Lab File: BG048912.D
 Acq: 11 Jun 2021 16:29

Instrument :
 BNA_G
 ClientSampleId :
 PB136924BL

Tgt Ion:264 Resp: 292720
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.9 16.9 25.3

