

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051043.D
 Acq On : 15 Nov 2021 15:51
 Operator : CG/JU
 Sample : PB140760BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140760BL

Quant Time: Nov 15 16:33:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

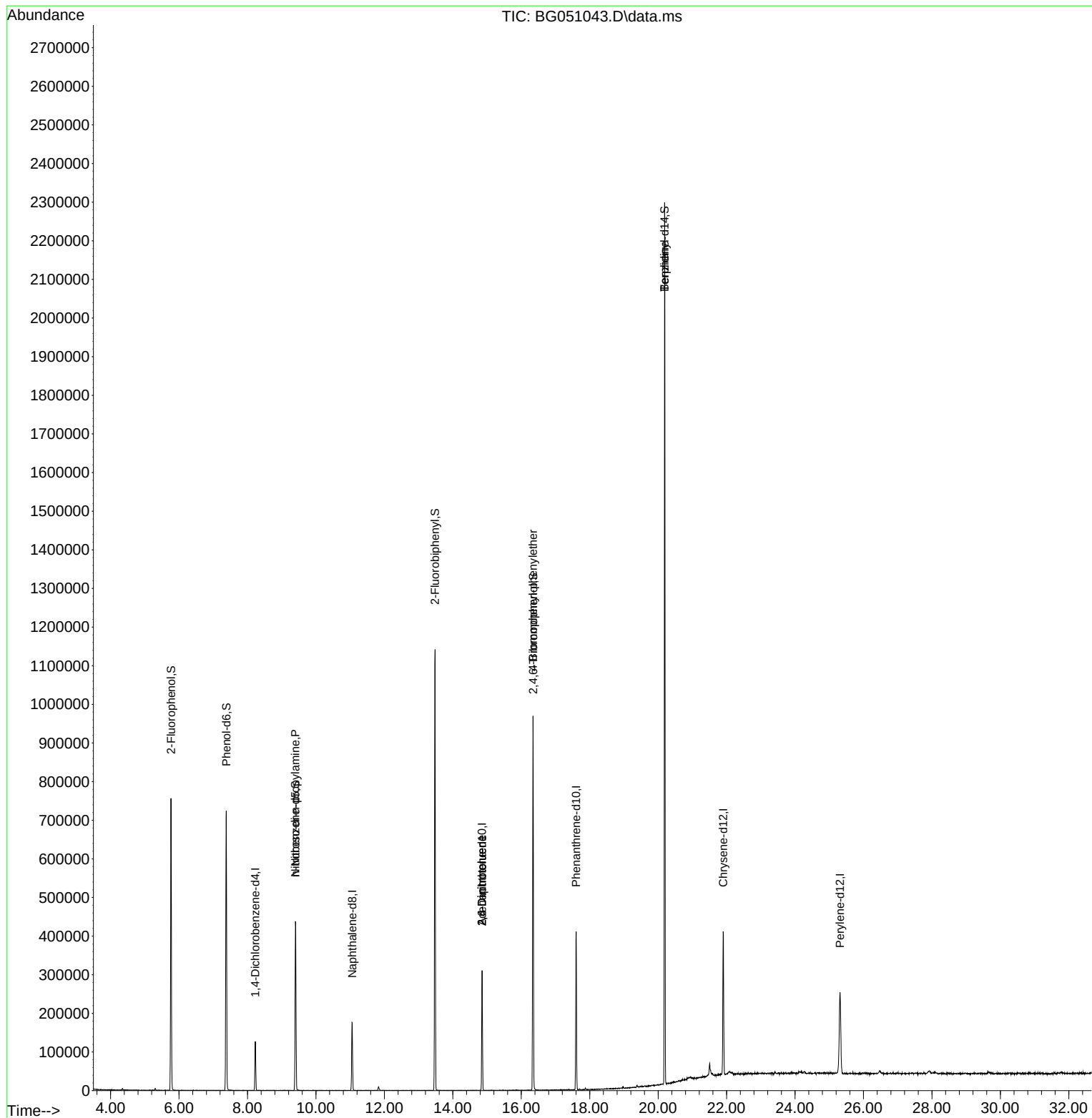
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.227	152	34362	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	155488	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	110430	20.000	ng	0.00
64) Phenanthrene-d10	17.604	188	268548	20.000	ng	# 0.00
76) Chrysene-d12	21.899	240	232066	20.000	ng	# 0.00
86) Perylene-d12	25.312	264	227511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	328744	143.114	ng	0.00
7) Phenol-d6	7.380	99	431258	133.014	ng	0.00
23) Nitrobenzene-d5	9.402	82	291608	83.019	ng	0.00
42) 2,4,6-Tribromophenol	16.346	330	158683	143.591	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	590379	84.471	ng	0.00
79) Terphenyl-d14	20.189	244	1036890	81.756	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.402	70	39672	16.558	ng	# 67
51) 2,6-Dinitrotoluene	14.854	165	14222	7.953	ng	# 10
57) 2,4-Dinitrotoluene	14.854	165	14222	5.605	ng	# 15
67) 4-Bromophenyl-phenylether	16.341	248	12130	4.312	ng	# 1
77) Benzidine	20.189	184	18353	4.184	ng	# 90

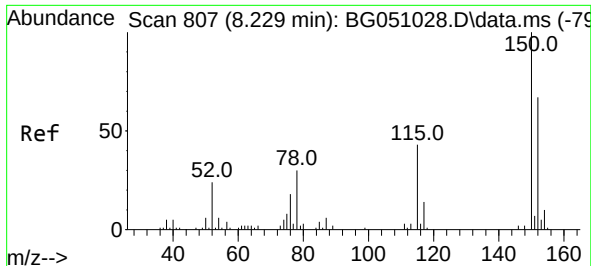
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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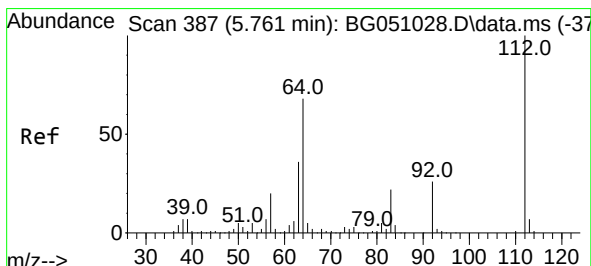
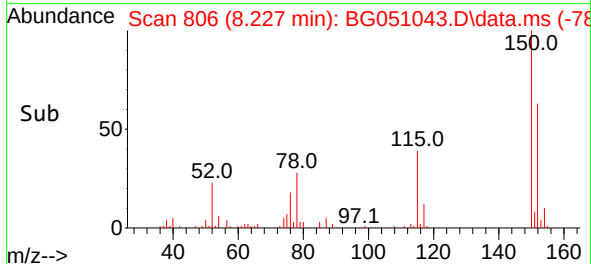
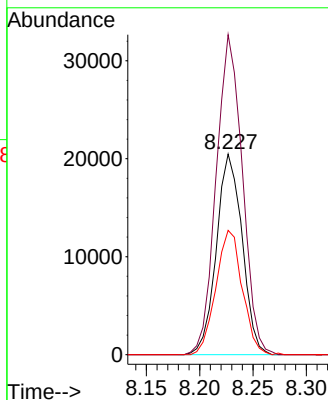
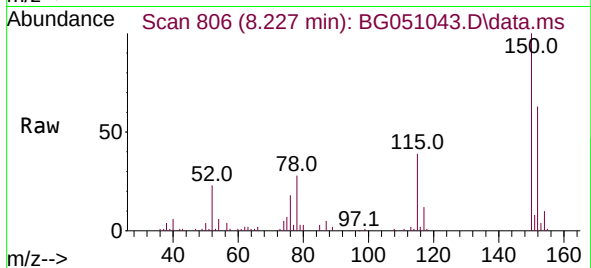




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.227 min Scan# 807
Delta R.T. -0.002 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

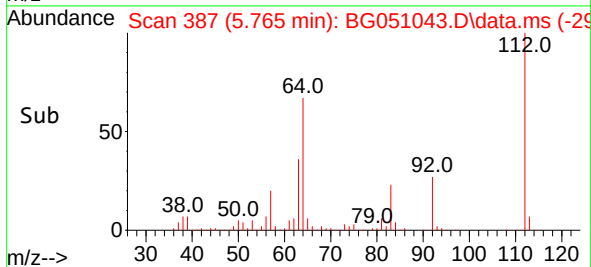
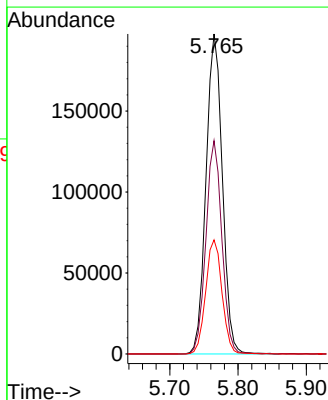
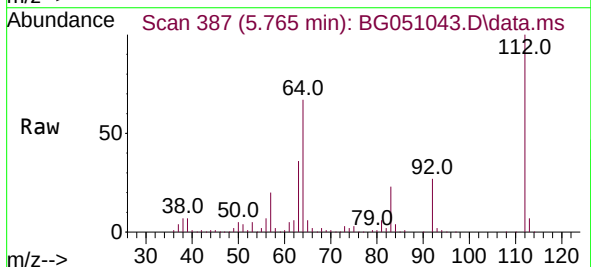
Instrument :
BNA_G
ClientSampleId :
PB140760BL

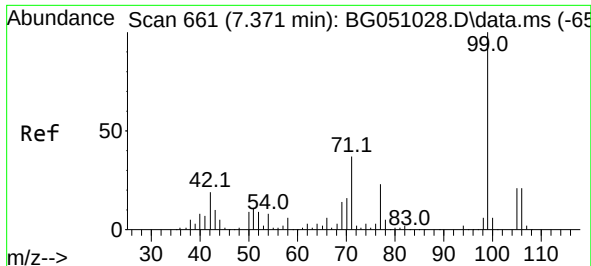
Tgt Ion:152 Resp: 34362
Ion Ratio Lower Upper
152 100
150 159.4 119.4 179.0
115 61.9 60.2 90.4



#5
2-Fluorophenol
Concen: 143.114 ng
RT: 5.765 min Scan# 387
Delta R.T. 0.004 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

Tgt Ion:112 Resp: 328744
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 35.6 35.3 52.9

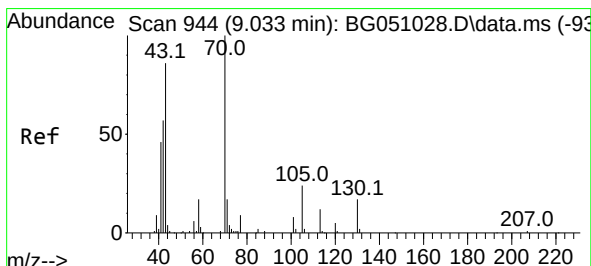
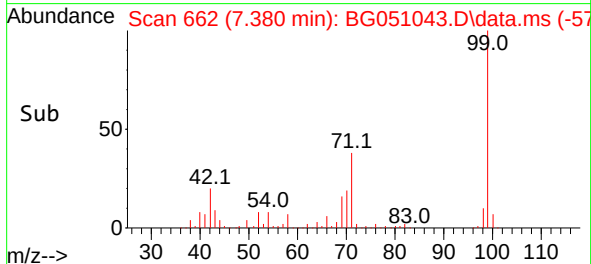
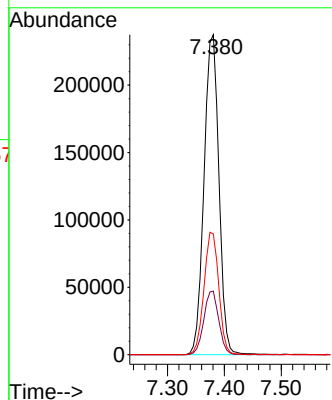
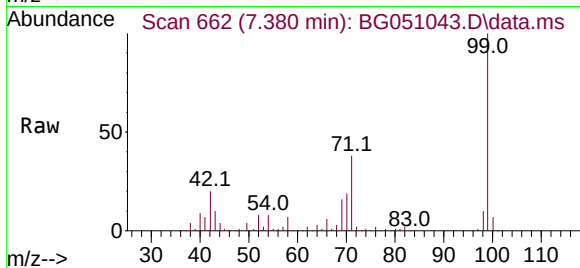




#7
Phenol-d6
Concen: 133.014 ng
RT: 7.380 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

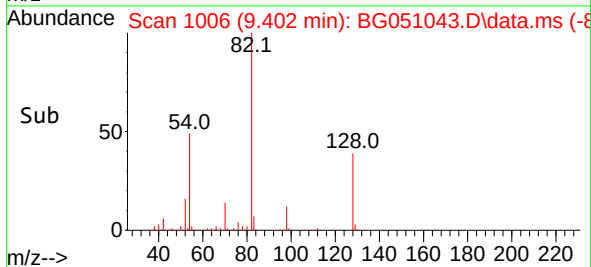
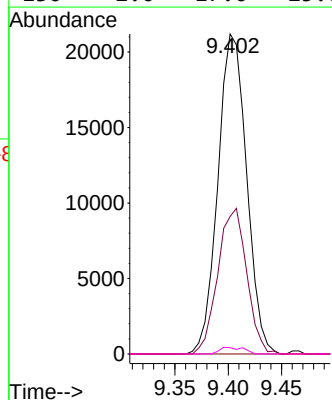
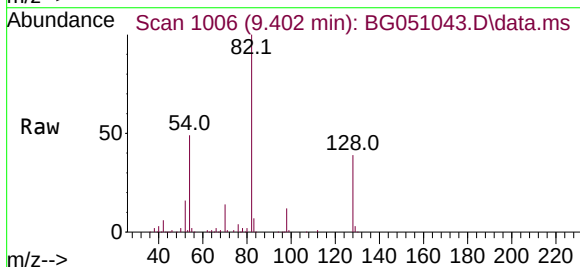
Instrument :
BNA_G
ClientSampleId :
PB140760BL

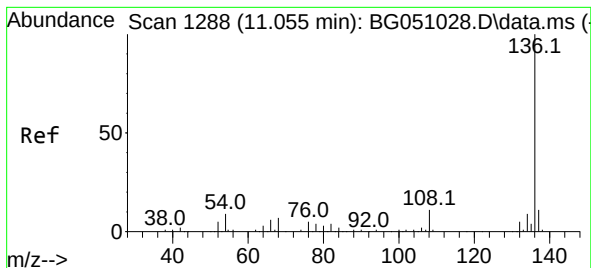
Tgt Ion: 99 Resp: 431258
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 37.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.558 ng
RT: 9.402 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

Tgt Ion: 70 Resp: 39672
Ion Ratio Lower Upper
70 100
42 42.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.059 min Scan# 11059

Delta R.T. 0.004 min

Lab File: BG051043.D

Acq: 15 Nov 2021 15:51

Instrument :

BNA_G

ClientSampleId :

PB140760BL

Tgt Ion:136 Resp: 155488

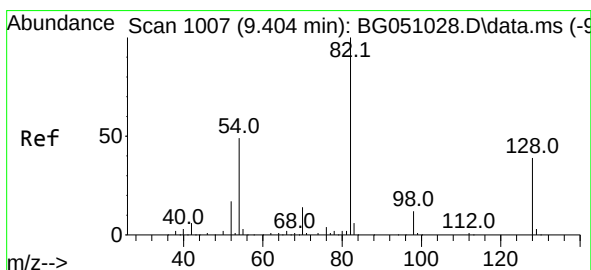
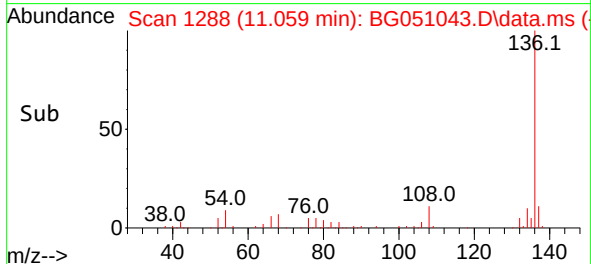
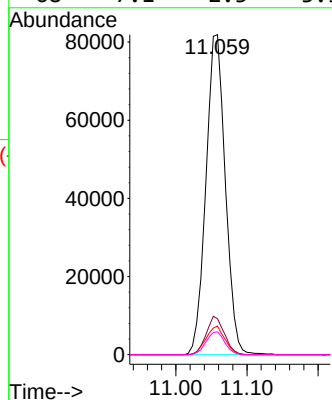
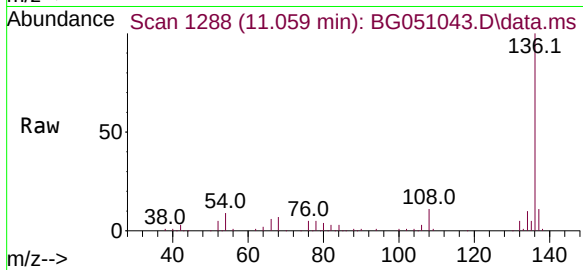
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.2

54 8.9 5.5 8.3#

68 7.1 2.3 3.5#



#23

Nitrobenzene-d5

Concen: 83.019 ng

RT: 9.402 min Scan# 1006

Delta R.T. -0.002 min

Lab File: BG051043.D

Acq: 15 Nov 2021 15:51

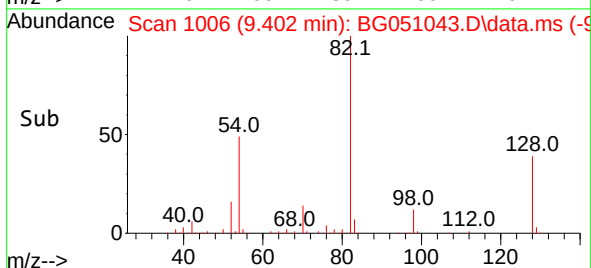
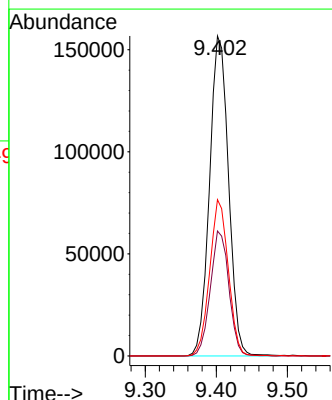
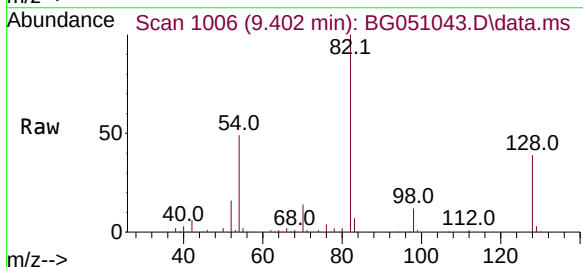
Tgt Ion: 82 Resp: 291608

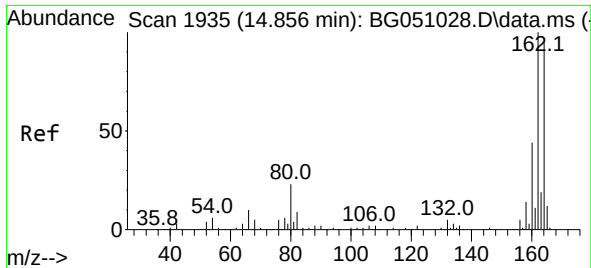
Ion Ratio Lower Upper

82 100

128 39.1 29.8 44.6

54 48.8 45.8 68.8

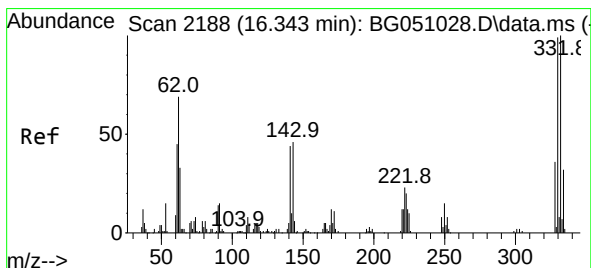
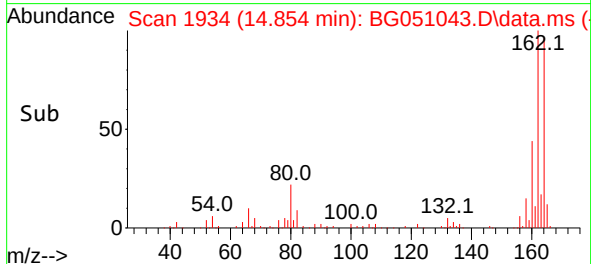
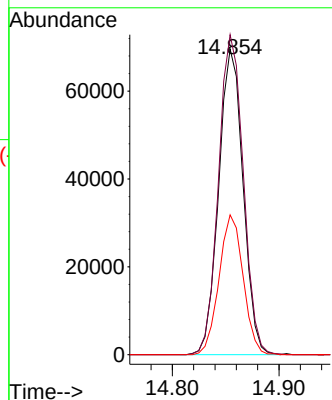
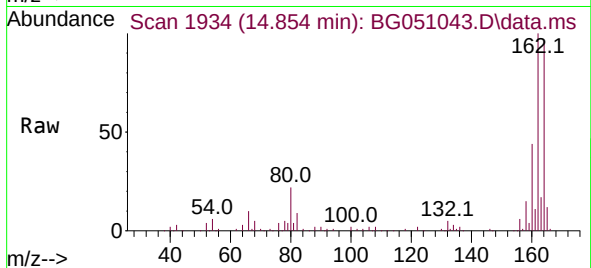




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

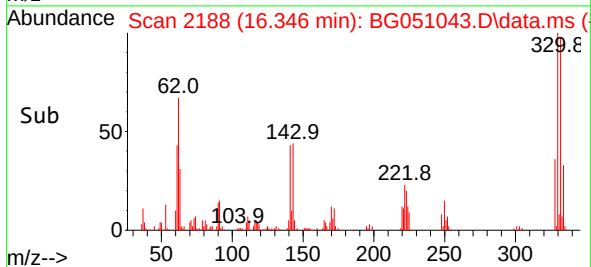
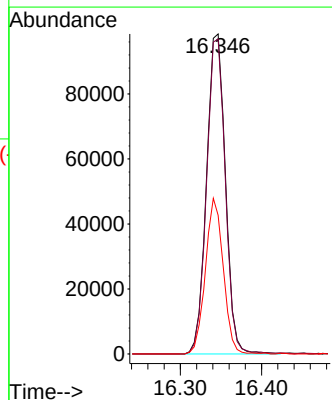
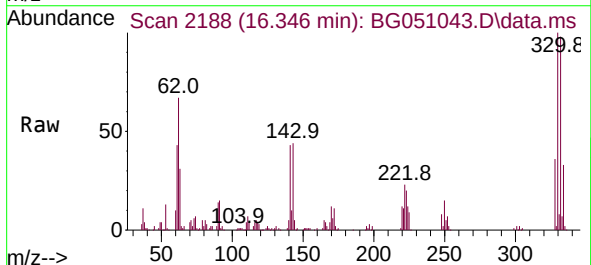
Instrument :
BNA_G
ClientSampleId :
PB140760BL

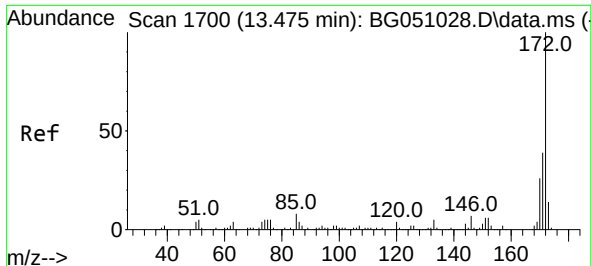
Tgt Ion:164 Resp: 110430
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 45.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 143.591 ng
RT: 16.346 min Scan# 2188
Delta R.T. 0.003 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

Tgt Ion:330 Resp: 158683
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 46.1 35.6 53.4

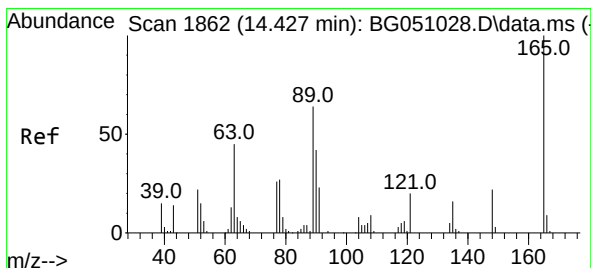
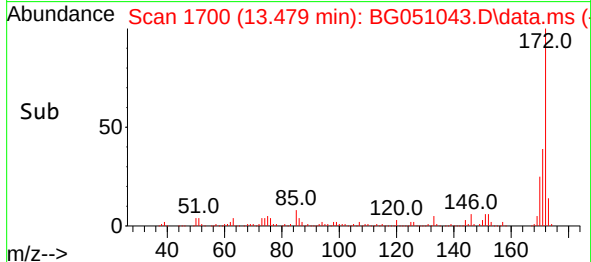
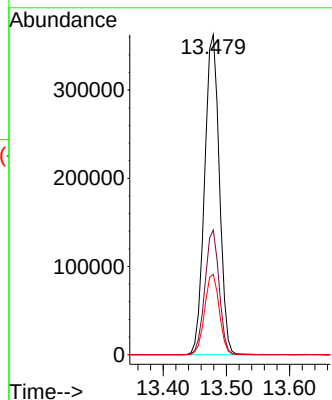
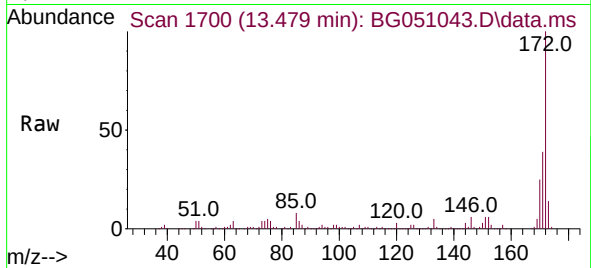




#45
2-Fluorobiphenyl
Concen: 84.471 ng
RT: 13.479 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

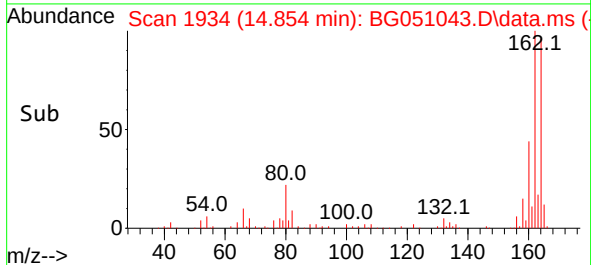
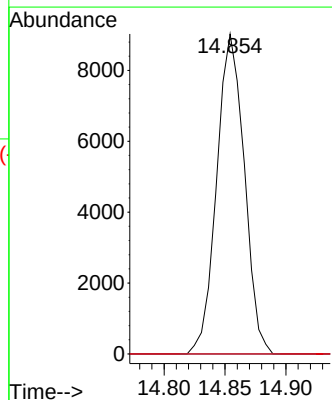
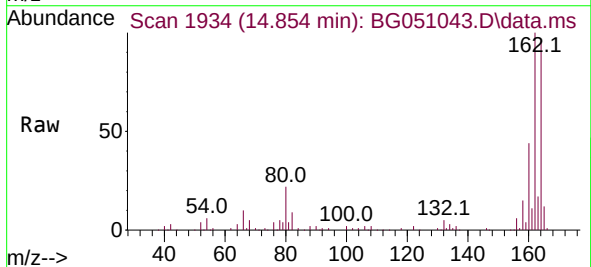
Instrument :
BNA_G
ClientSampleId :
PB140760BL

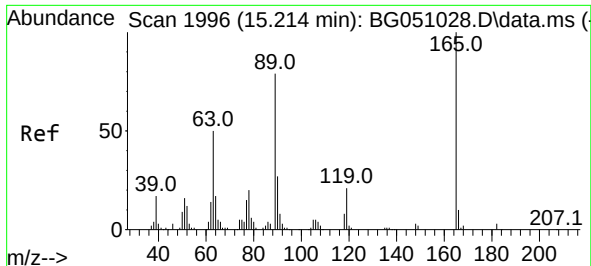
Tgt Ion:172 Resp: 590379
Ion Ratio Lower Upper
172 100
171 38.9 28.6 43.0
170 25.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 14.854 min Scan# 1934
Delta R.T. 0.427 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

Tgt Ion:165 Resp: 14222
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: 5.605 ng

RT: 14.854 min Scan# 1996

Delta R.T. -0.360 min

Lab File: BG051043.D

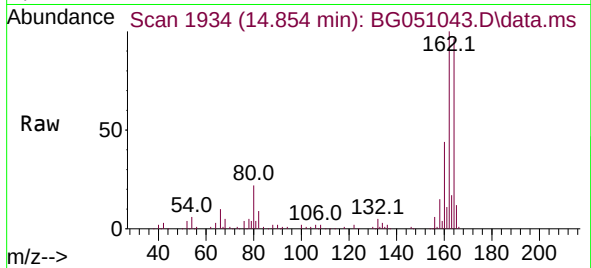
Acq: 15 Nov 2021 15:51

Instrument :

BNA_G

ClientSampleId :

PB140760BL



Tgt Ion:165 Resp: 14222

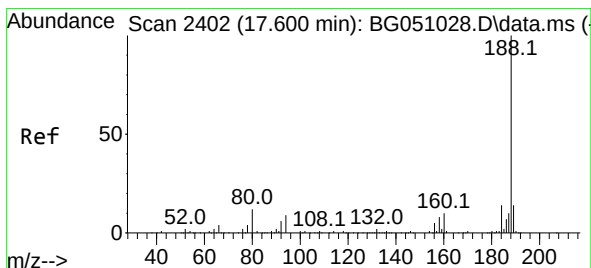
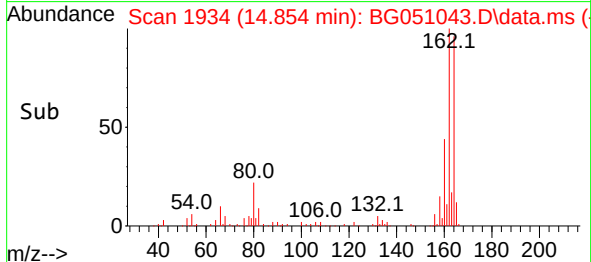
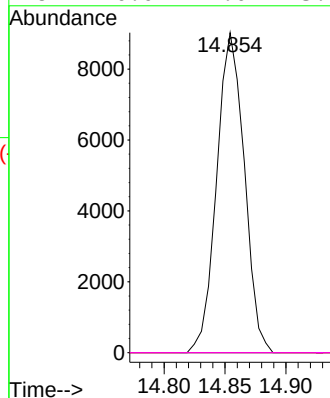
Ion Ratio Lower Upper

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: 17.604 min Scan# 2402

Delta R.T. 0.004 min

Lab File: BG051043.D

Acq: 15 Nov 2021 15:51

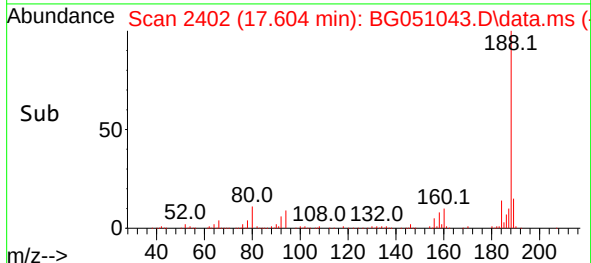
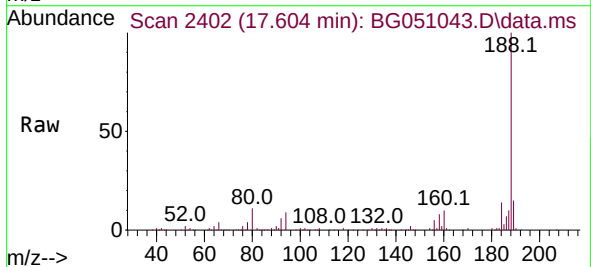
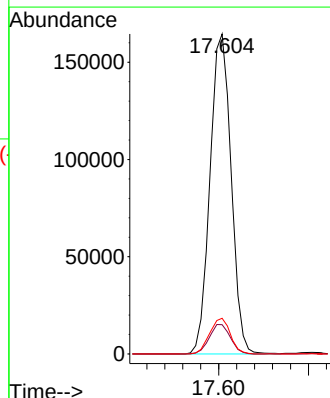
Tgt Ion:188 Resp: 268548

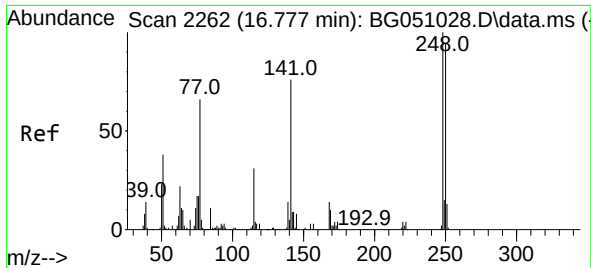
Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

80 11.2 3.7 5.5#

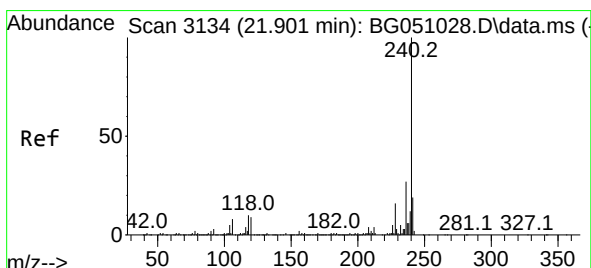
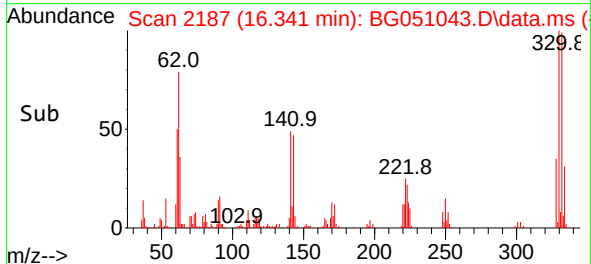
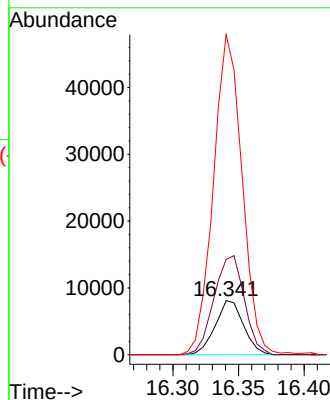
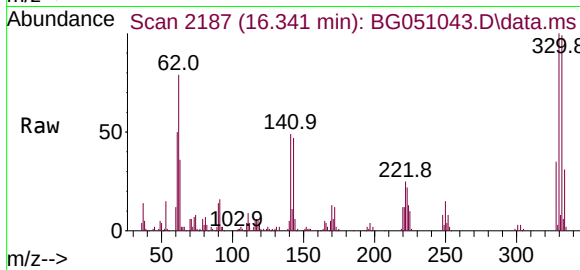




#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.341 min Scan# 211
Delta R.T. -0.437 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

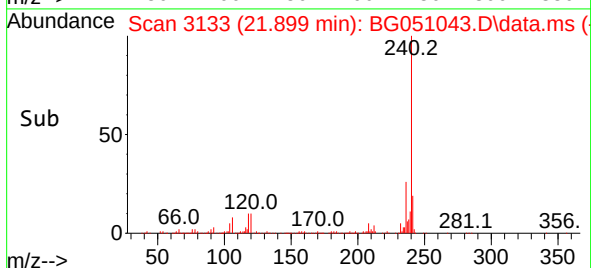
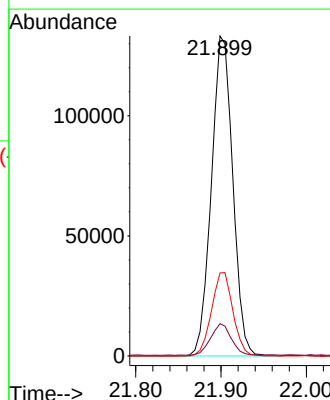
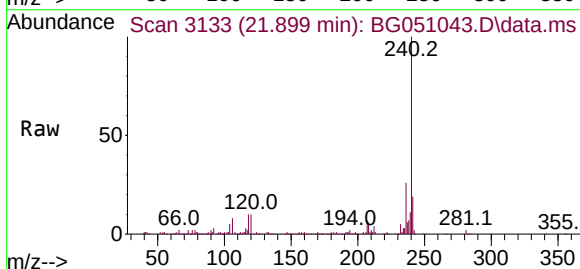
Instrument :
BNA_G
ClientSampleId :
PB140760BL

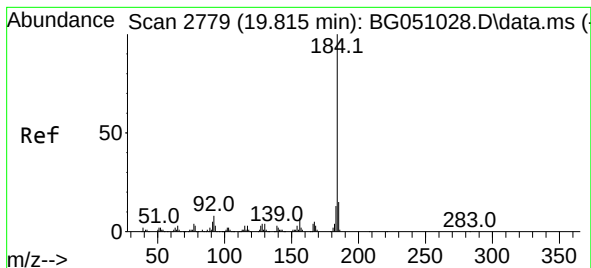
Tgt Ion:248 Resp: 12130
Ion Ratio Lower Upper
248 100
250 175.9 76.1 114.1#
141 591.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.899 min Scan# 3133
Delta R.T. -0.002 min
Lab File: BG051043.D
Acq: 15 Nov 2021 15:51

Tgt Ion:240 Resp: 232066
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 26.0 21.8 32.6





#77

Benzidine

Concen: 4.184 ng

RT: 20.189 min Scan# 2842

Delta R.T. 0.374 min

Lab File: BG051043.D

Acq: 15 Nov 2021 15:51

Instrument :

BNA_G

ClientSampleId :

PB140760BL

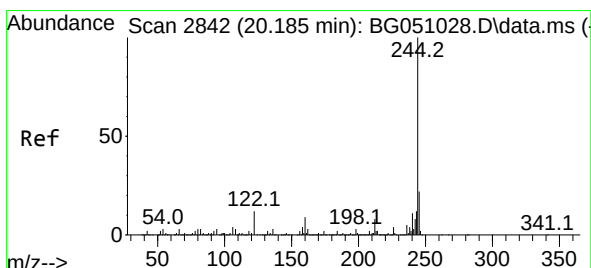
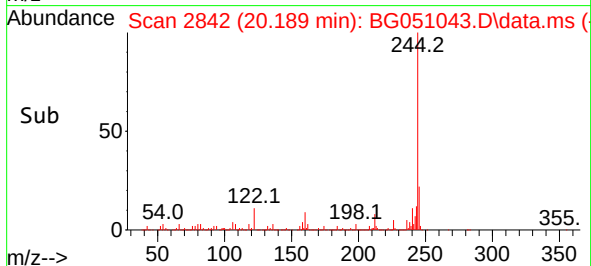
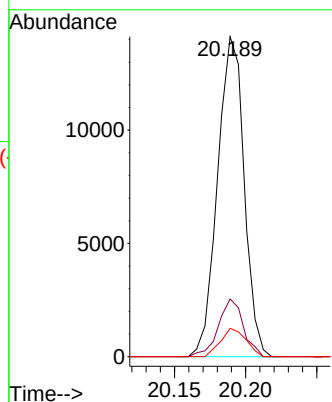
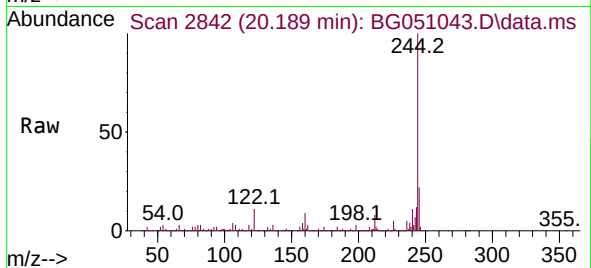
Tgt Ion:184 Resp: 18353

Ion Ratio Lower Upper

184 100

185 18.1 10.7 16.1#

183 8.8 9.4 14.0#



#79

Terphenyl-d14

Concen: 81.756 ng

RT: 20.189 min Scan# 2842

Delta R.T. 0.004 min

Lab File: BG051043.D

Acq: 15 Nov 2021 15:51

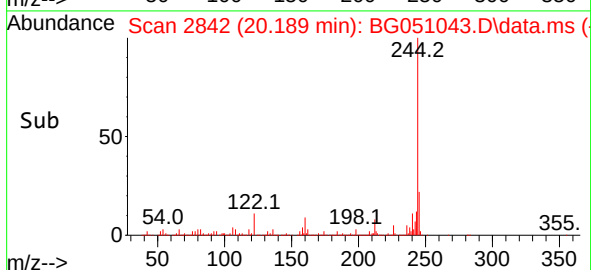
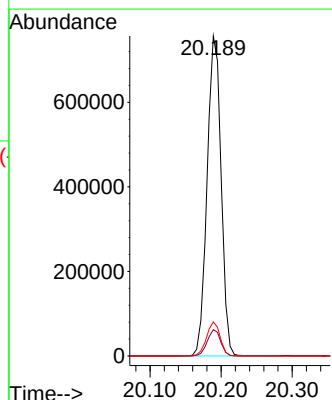
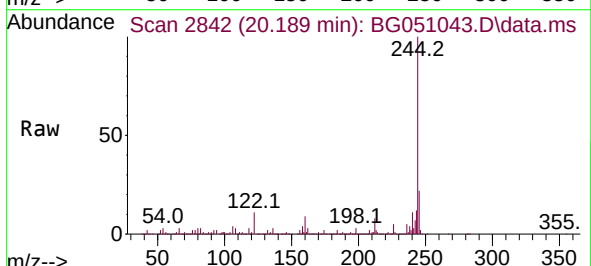
Tgt Ion:244 Resp: 1036890

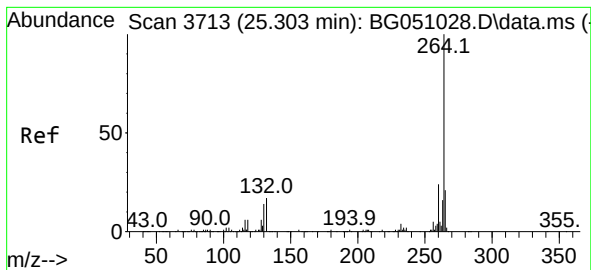
Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

122 10.7 5.0 7.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.312 min Scan# 31

Delta R.T. 0.010 min

Lab File: BG051043.D

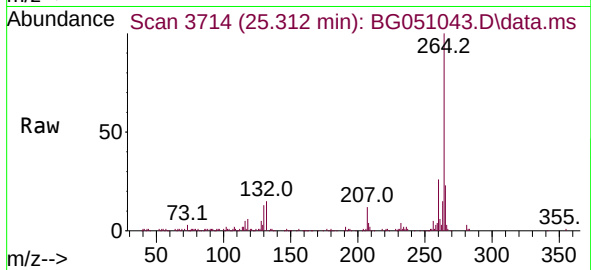
Acq: 15 Nov 2021 15:51

Instrument :

BNA_G

ClientSampleId :

PB140760BL



Tgt Ion:264 Resp: 227511

Ion Ratio Lower Upper

264 100

260 26.4 19.4 29.2

265 22.7 16.9 25.3

