

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051087.D
 Acq On : 17 Nov 2021 10:37
 Operator : CG/JU
 Sample : PB140723BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140723BL

Quant Time: Nov 17 11:17:34 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)

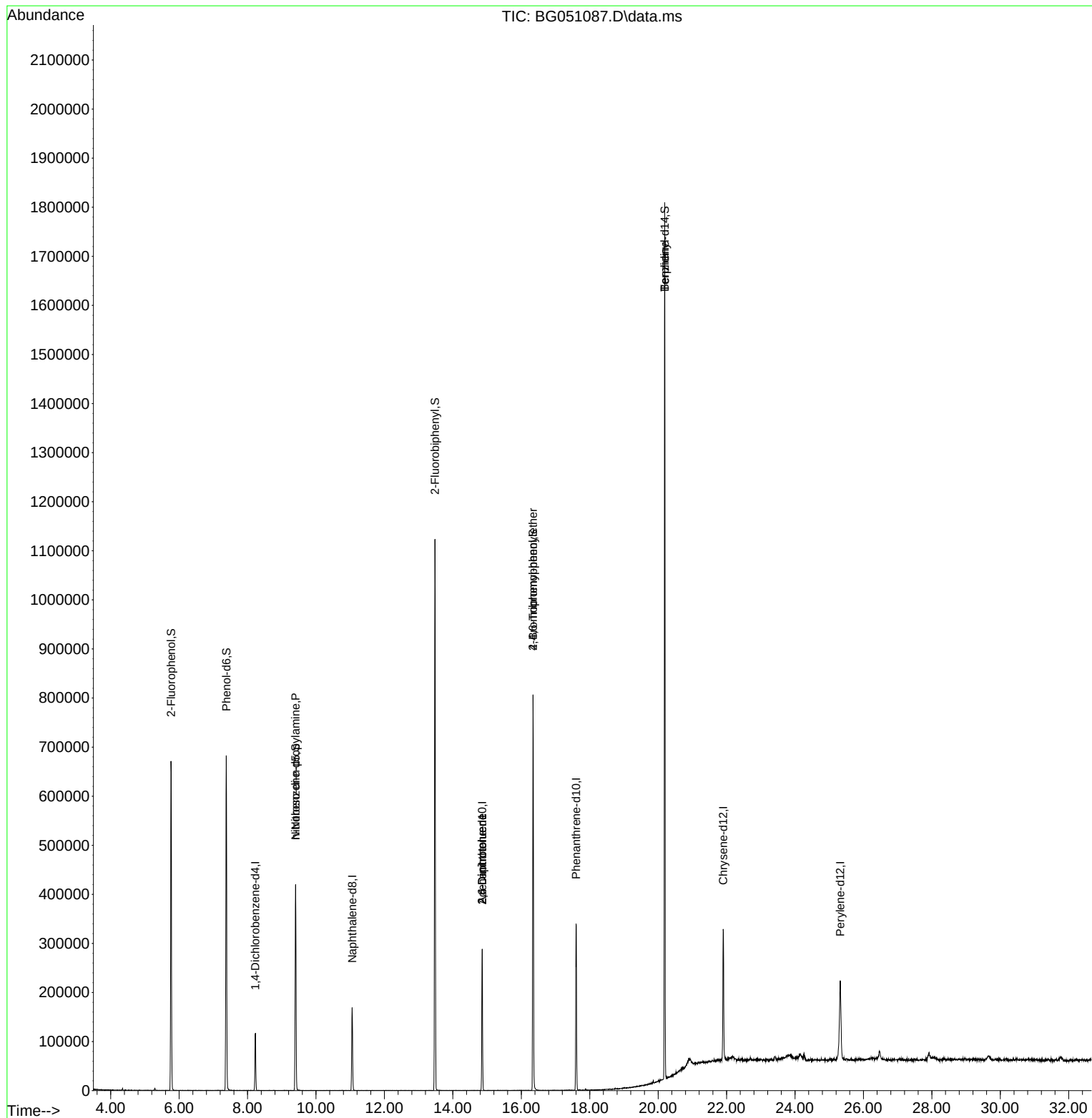
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	33190	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	149021	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	104173	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	221712	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	172661	20.000	ng	# 0.00
86) Perylene-d12	25.322	264	172352	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	302613	136.390	ng	0.00
7) Phenol-d6	7.378	99	400330	127.835	ng	0.00
23) Nitrobenzene-d5	9.405	82	275525	81.844	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	139486	133.801	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	580265	88.011	ng	0.00
79) Terphenyl-d14	20.192	244	813154	86.174	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	39130	16.908	ng	# 68
51) 2,6-Dinitrotoluene	14.858	165	13398	7.942	ng	# 10
57) 2,4-Dinitrotoluene	14.858	165	13398	5.598	ng	# 15
67) 4-Bromophenyl-phenylether	16.344	248	10413	4.484	ng	# 1
77) Benzidine	20.192	184	14634	4.484	ng	# 93

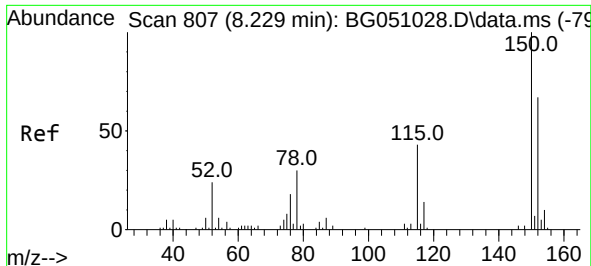
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 15 03:55:35 2021
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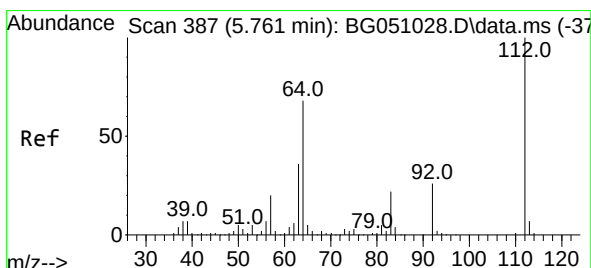
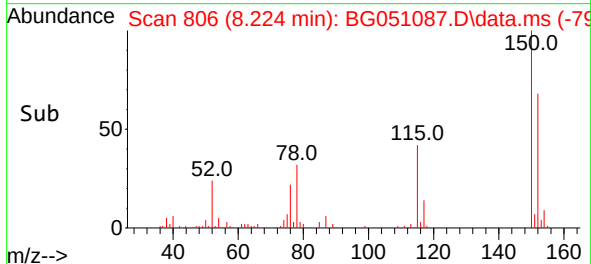
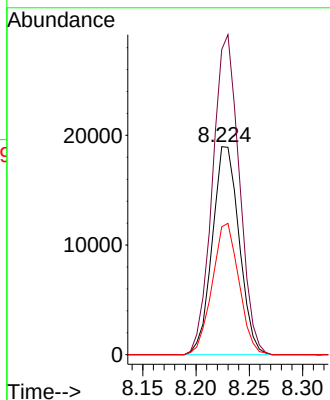
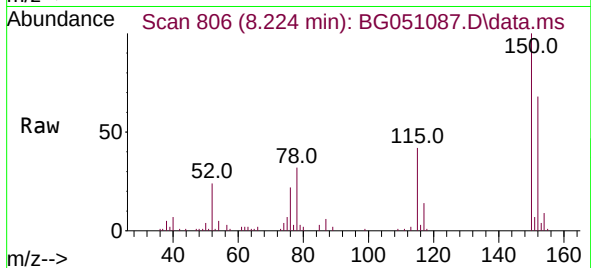




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

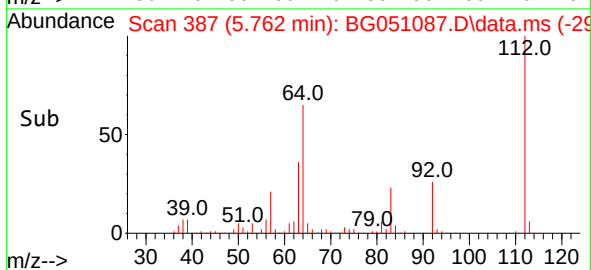
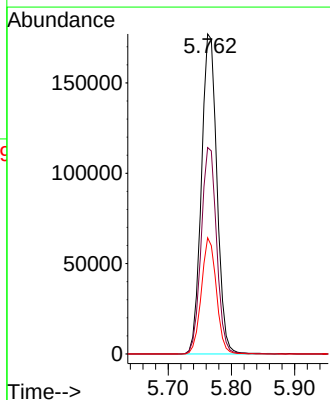
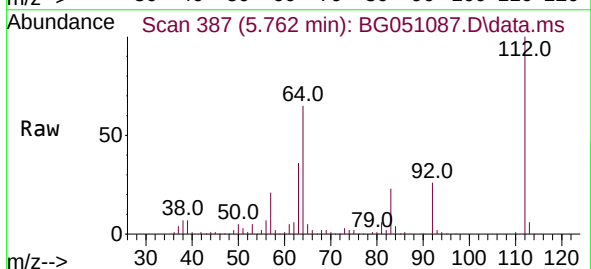
Instrument :
BNA_G
ClientSampleId :
PB140723BL

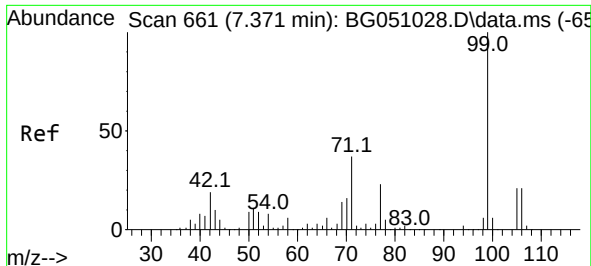
Tgt Ion:152 Resp: 33190
Ion Ratio Lower Upper
152 100
150 146.7 119.4 179.0
115 61.5 60.2 90.4



#5
2-Fluorophenol
Concen: 136.390 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion:112 Resp: 302613
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 36.3 35.3 52.9

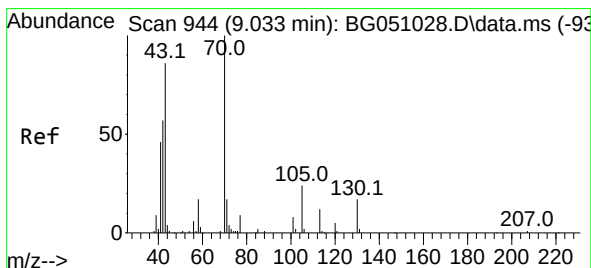
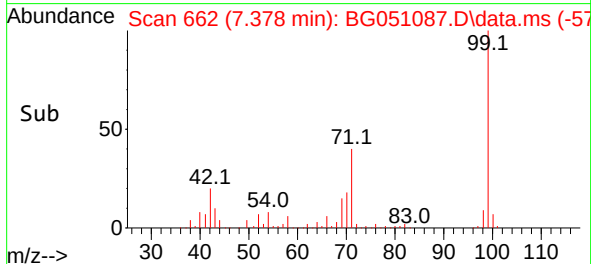
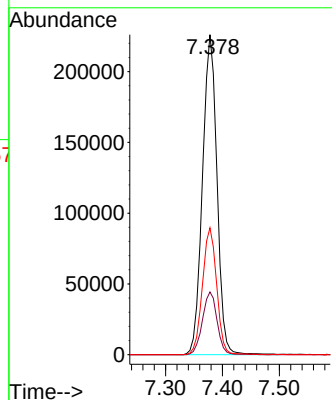
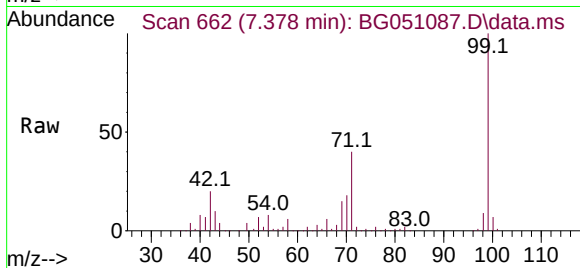




#7
Phenol-d6
Concen: 127.835 ng
RT: 7.378 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

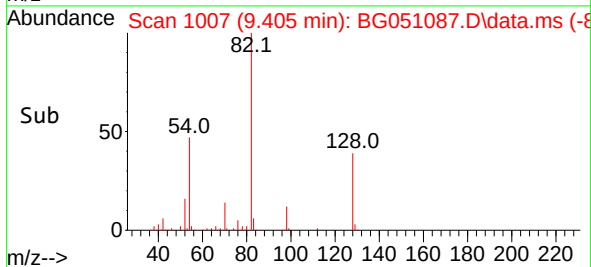
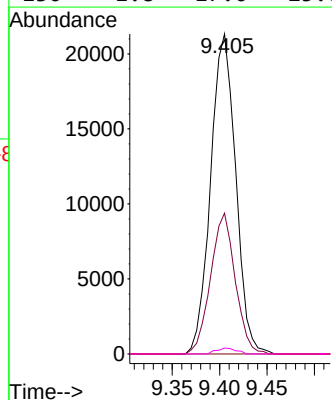
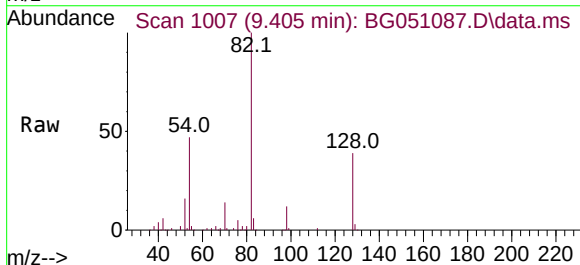
Instrument :
BNA_G
ClientSampleId :
PB140723BL

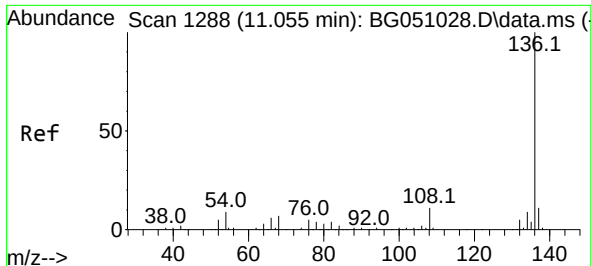
Tgt Ion: 99 Resp: 400330
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 39.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.908 ng
RT: 9.405 min Scan# 1007
Delta R.T. 0.372 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion: 70 Resp: 39130
Ion Ratio Lower Upper
70 100
42 44.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

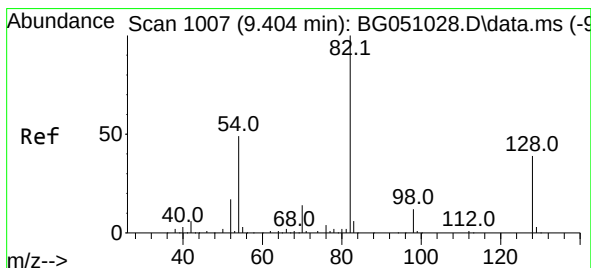
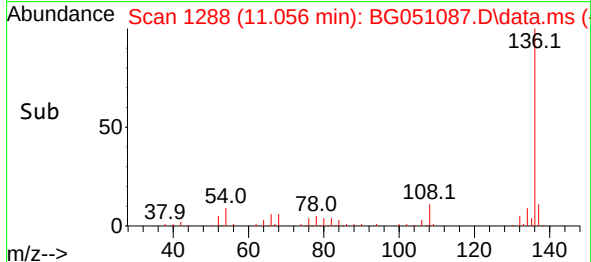
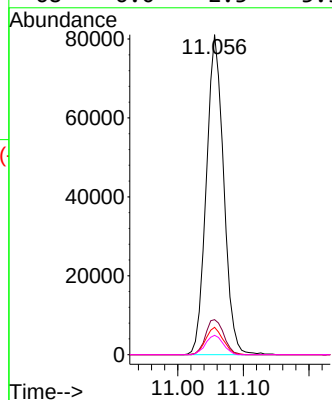
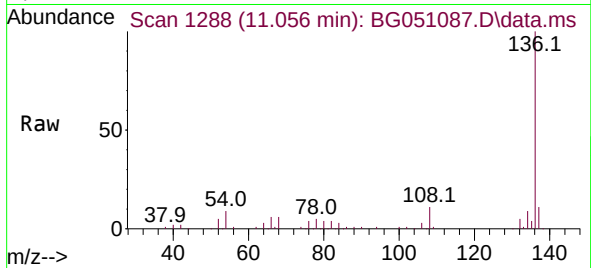




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

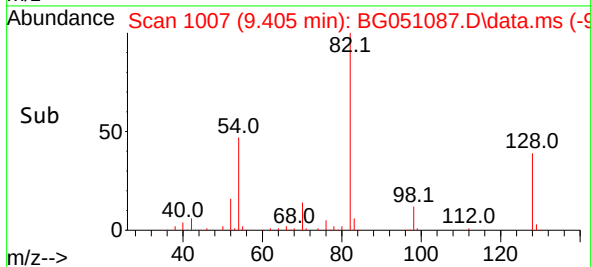
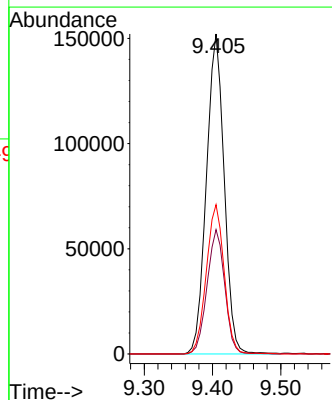
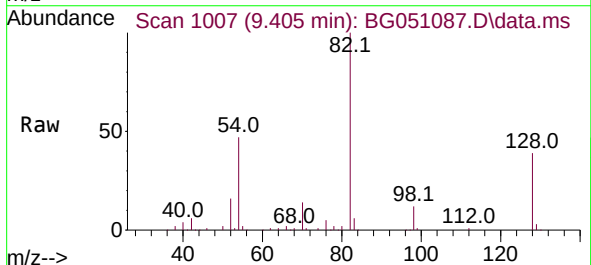
Instrument :
BNA_G
ClientSampleId :
PB140723BL

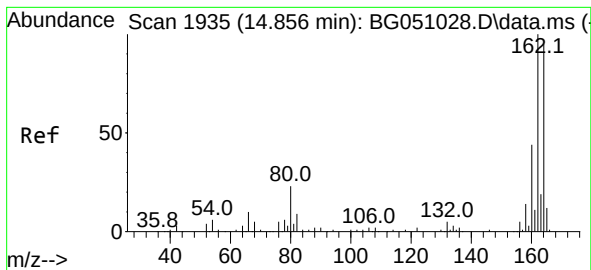
Tgt Ion:	136	Resp:	149021
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	8.6	5.5	8.3#
68	6.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 81.844 ng
RT: 9.405 min Scan# 1007
Delta R.T. 0.001 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion:	82	Resp:	275525
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.8	44.6
54	46.6	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.858 min Scan# 1935

Delta R.T. 0.002 min

Lab File: BG051087.D

Acq: 17 Nov 2021 10:37

Instrument :

BNA_G

ClientSampleId :

PB140723BL

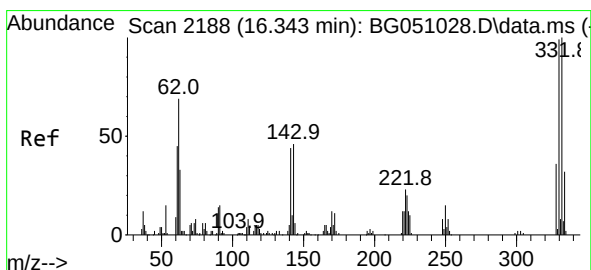
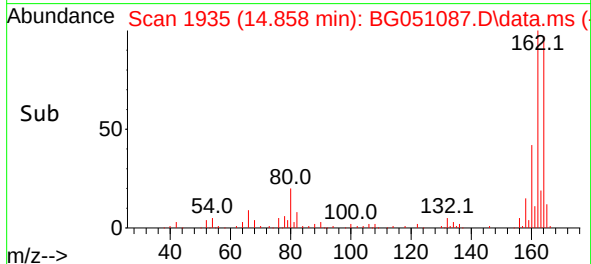
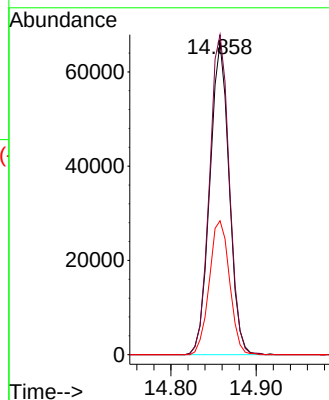
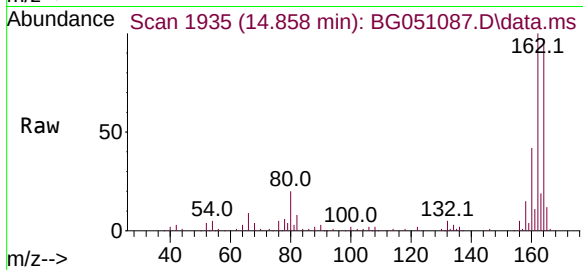
Tgt Ion:164 Resp: 104173

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

160 42.9 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 133.801 ng

RT: 16.344 min Scan# 2188

Delta R.T. 0.001 min

Lab File: BG051087.D

Acq: 17 Nov 2021 10:37

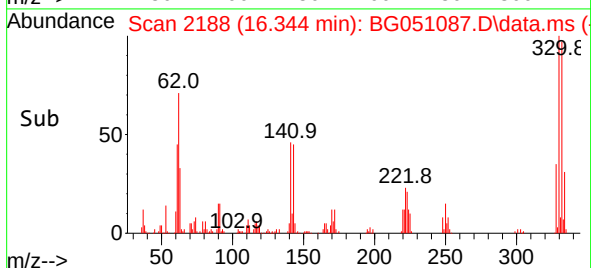
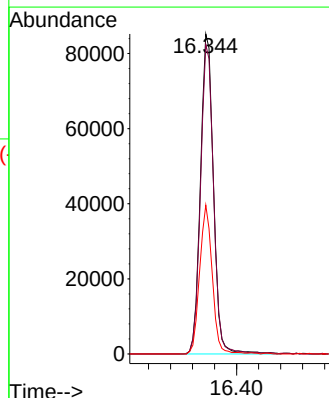
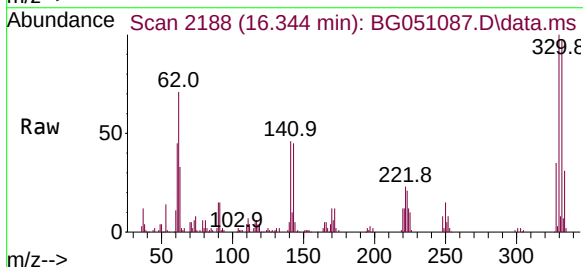
Tgt Ion:330 Resp: 139486

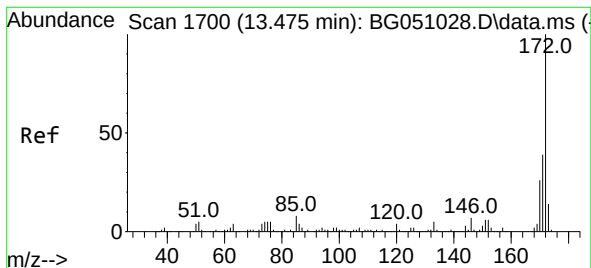
Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 44.9 35.6 53.4

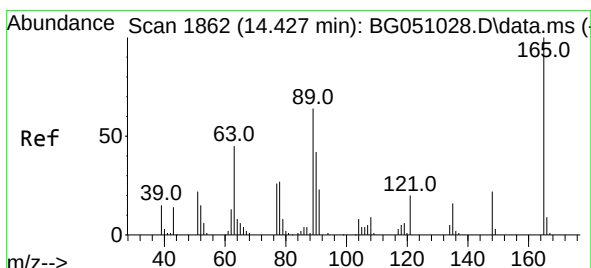
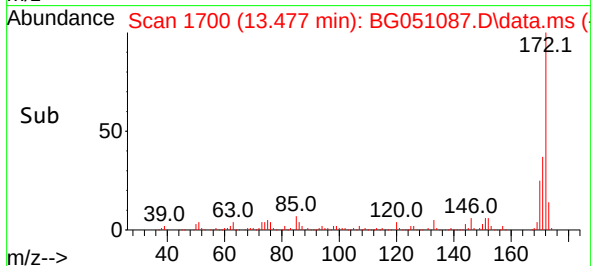
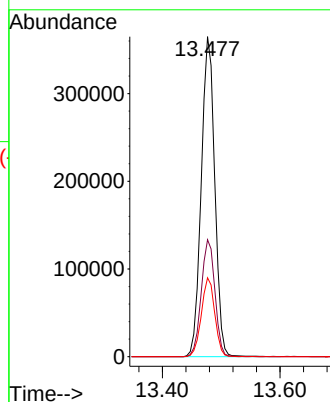
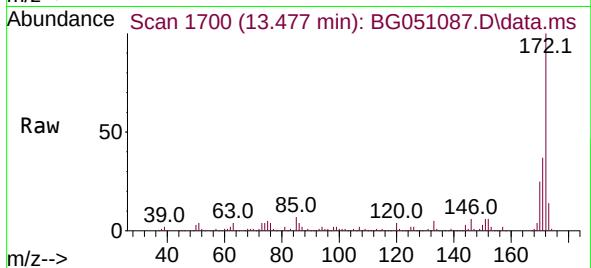




#45
2-Fluorobiphenyl
Concen: 88.011 ng
RT: 13.477 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

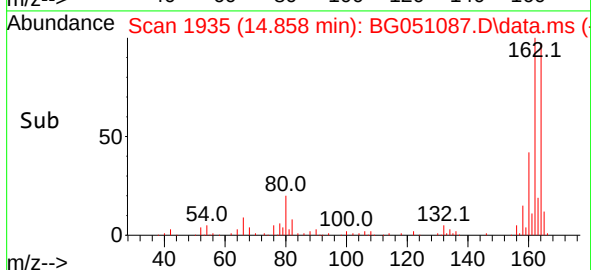
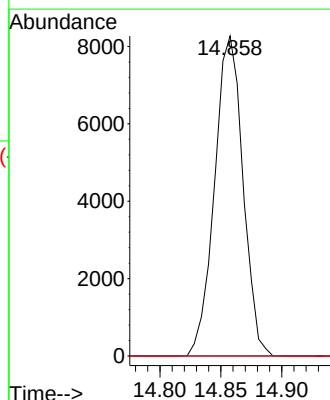
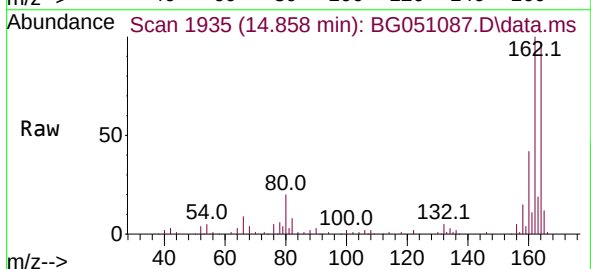
Instrument :
BNA_G
ClientSampleId :
PB140723BL

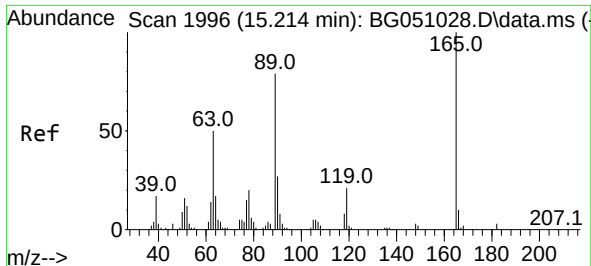
Tgt Ion:172 Resp: 580265
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.942 ng
RT: 14.858 min Scan# 1935
Delta R.T. 0.431 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion:165 Resp: 13398
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: 5.598 ng

RT: 14.858 min Scan# 1935

Delta R.T. -0.357 min

Lab File: BG051087.D

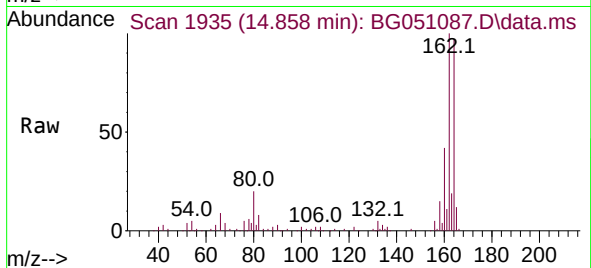
Acq: 17 Nov 2021 10:37

Instrument :

BNA_G

ClientSampleId :

PB140723BL



Tgt Ion:165 Resp: 13398

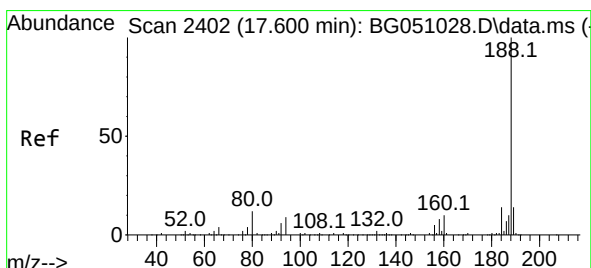
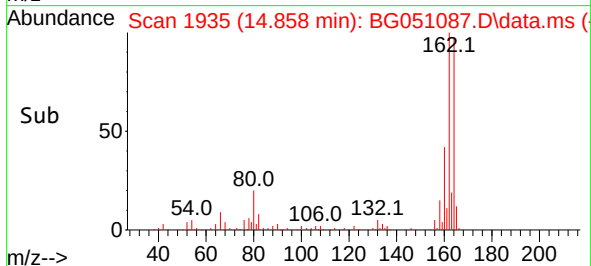
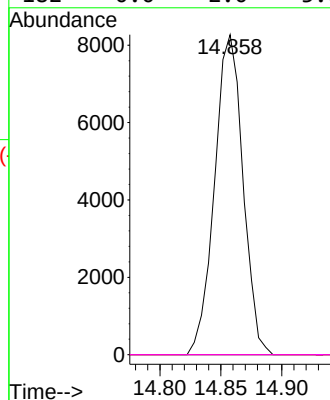
Ion Ratio Lower Upper

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: 17.601 min Scan# 2402

Delta R.T. 0.001 min

Lab File: BG051087.D

Acq: 17 Nov 2021 10:37

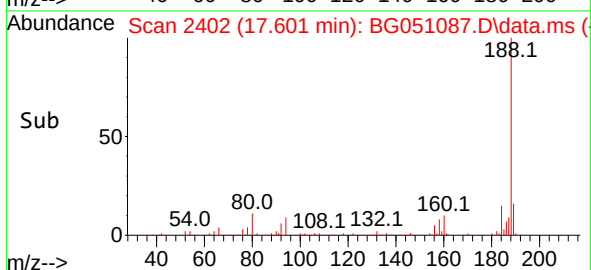
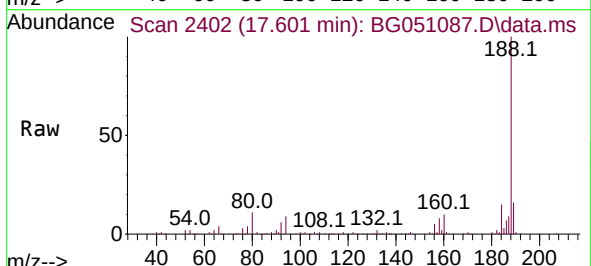
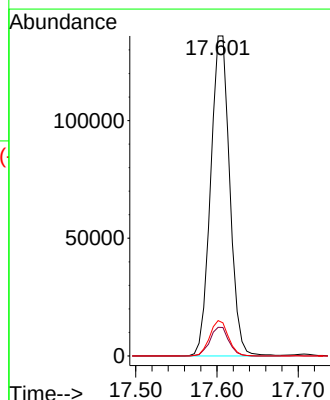
Tgt Ion:188 Resp: 221712

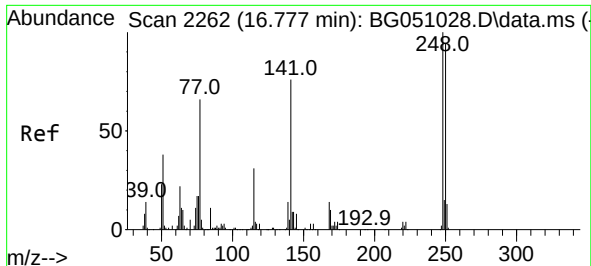
Ion Ratio Lower Upper

188 100

94 8.9 5.4 8.0#

80 11.1 3.7 5.5#

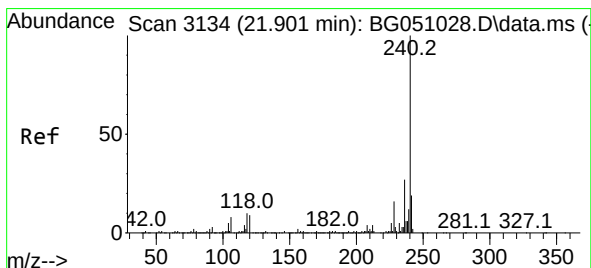
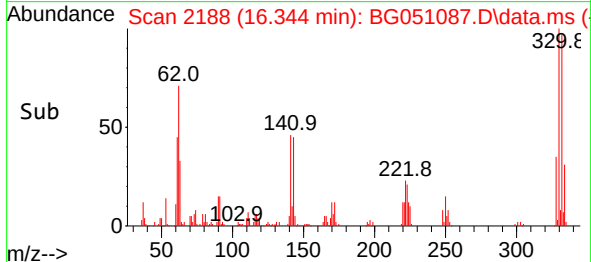
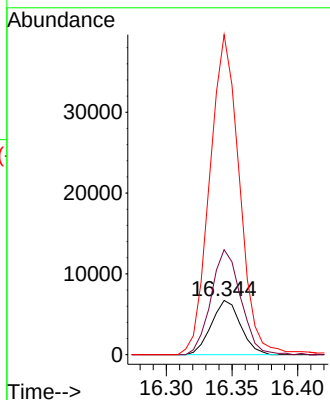
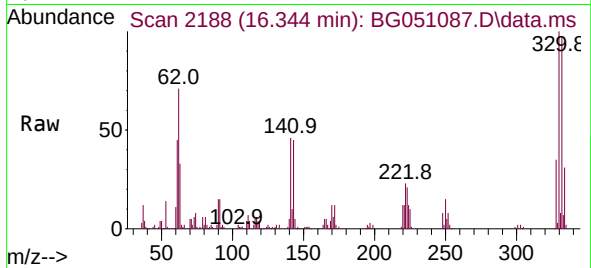




#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 16.344 min Scan# 2188
Delta R.T. -0.433 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

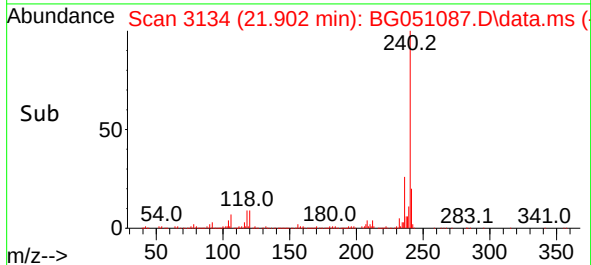
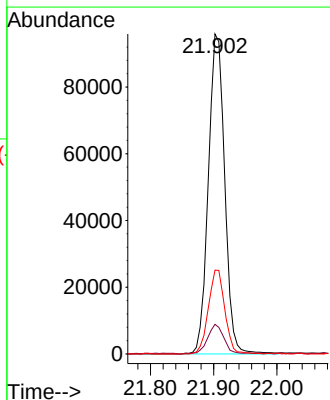
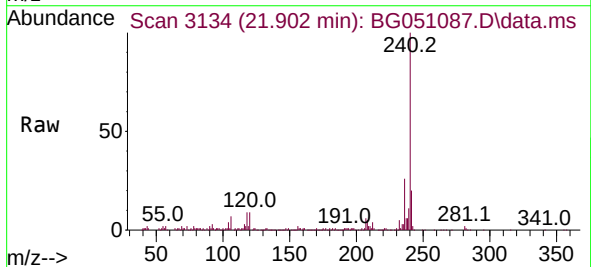
Instrument :
BNA_G
ClientSampleId :
PB140723BL

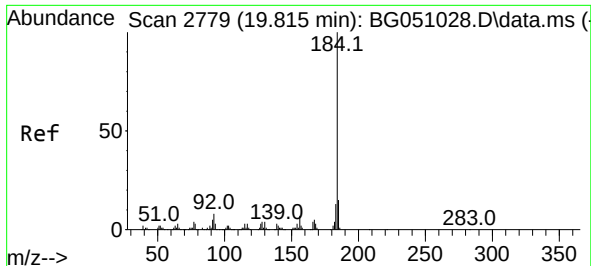
Tgt Ion:248 Resp: 10413
Ion Ratio Lower Upper
248 100
250 193.8 76.1 114.1#
141 590.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.002 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion:240 Resp: 172661
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.2 21.8 32.6

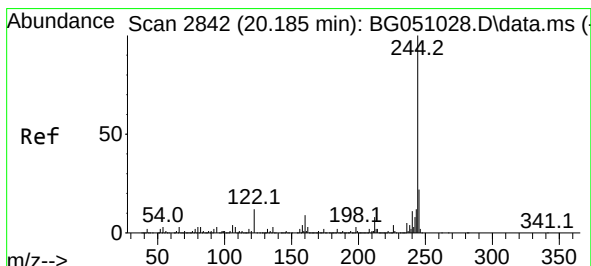
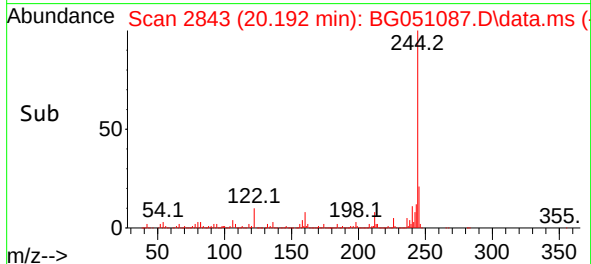
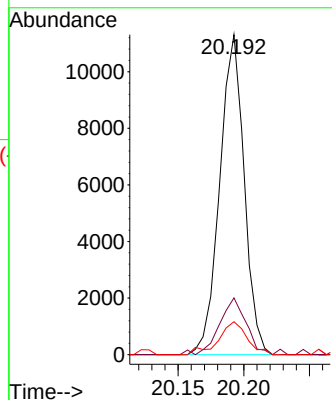
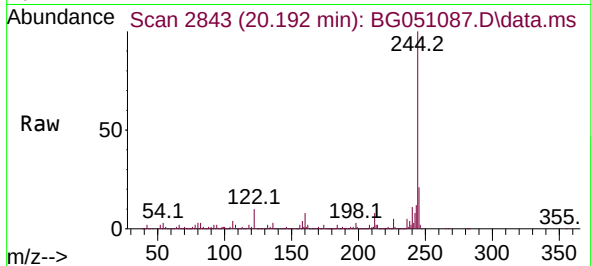




#77
Benzidine
Concen: 4.484 ng
RT: 20.192 min Scan# 2843
Delta R.T. 0.377 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

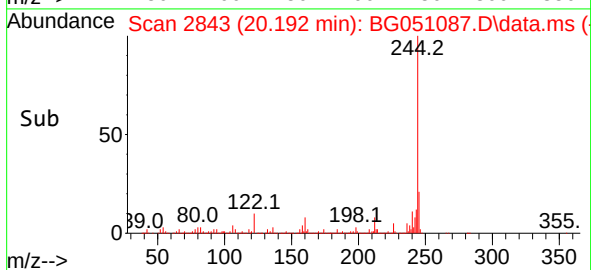
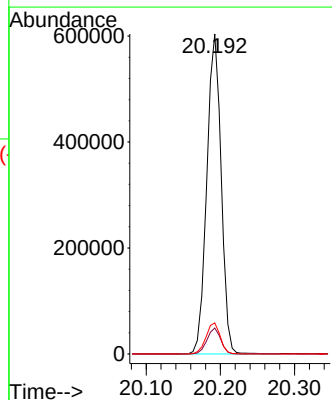
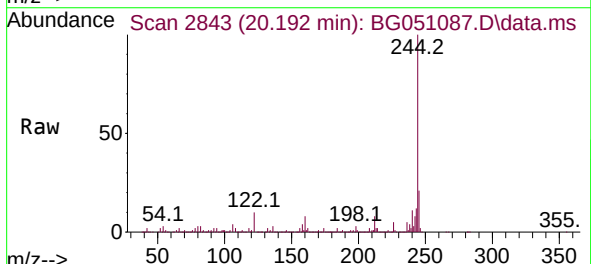
Instrument :
BNA_G
ClientSampleId :
PB140723BL

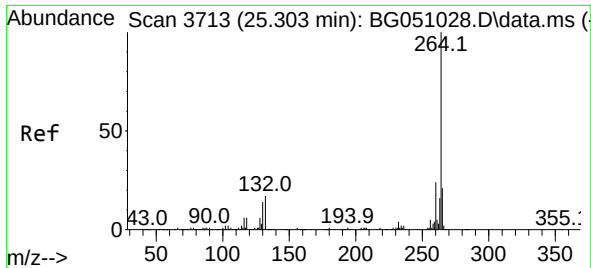
Tgt Ion:184 Resp: 14634
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 10.3 9.4 14.0



#79
Terphenyl-d14
Concen: 86.174 ng
RT: 20.192 min Scan# 2843
Delta R.T. 0.007 min
Lab File: BG051087.D
Acq: 17 Nov 2021 10:37

Tgt Ion:244 Resp: 813154
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 9.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: BG051087.D
 Acq: 17 Nov 2021 10:37

Instrument :
 BNA_G
 ClientSampleId :
 PB140723BL

Tgt Ion:264 Resp: 172352
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.5 16.9 25.3

