

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
 Data File : BG052380.D
 Acq On : 14 Feb 2022 12:49
 Operator : CG/JU
 Sample : PB142454BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142454BL

Quant Time: Feb 14 14:13:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

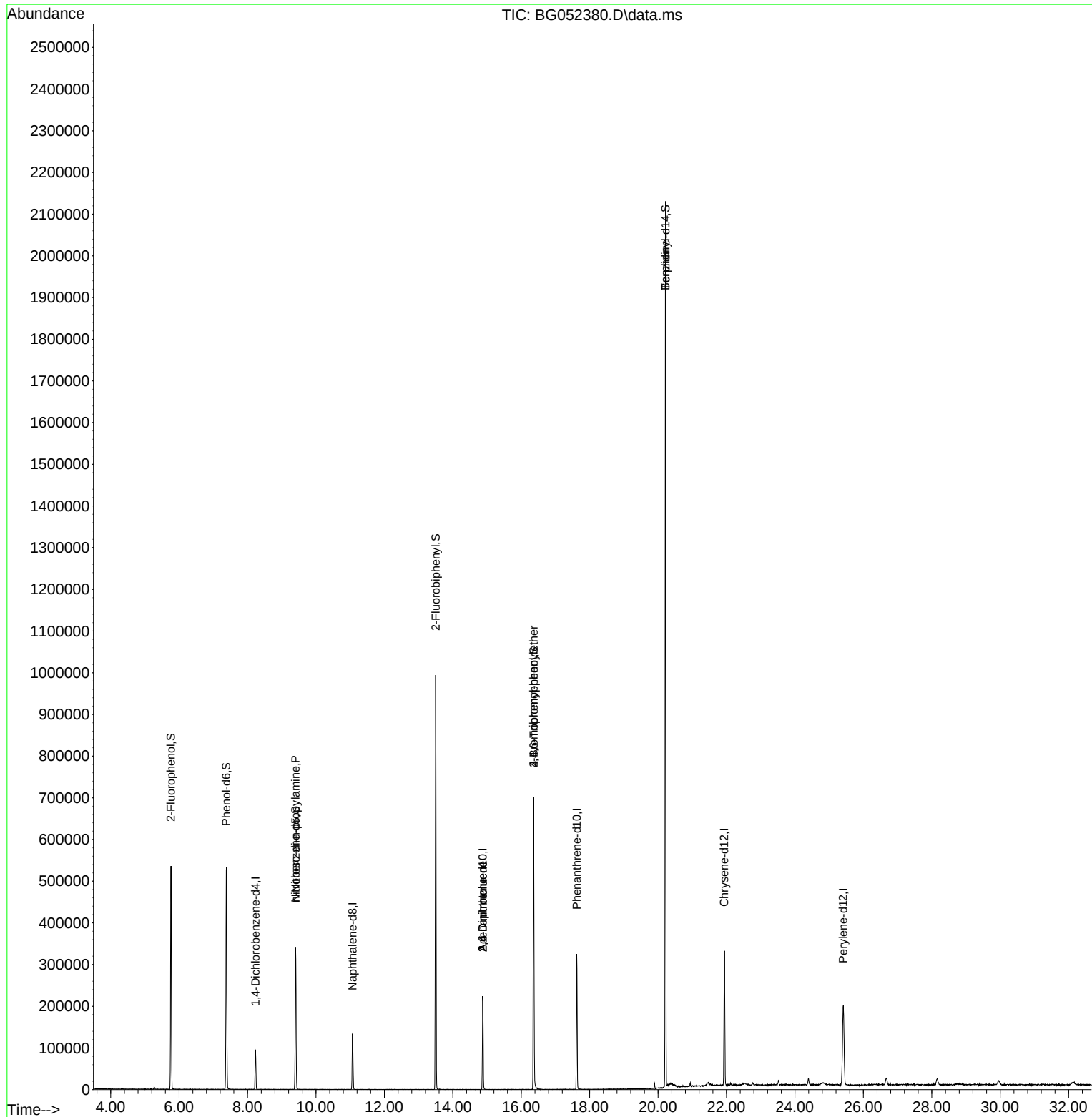
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27631	20.000	ng	0.01
21) Naphthalene-d8	11.073	136	115662	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	82425	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	210764	20.000	ng	0.00
76) Chrysene-d12	21.934	240	227479	20.000	ng	0.00
86) Perylene-d12	25.406	264	222994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	225837	142.450	ng	0.01
7) Phenol-d6	7.378	99	311965	127.533	ng	0.00
23) Nitrobenzene-d5	9.404	82	217069	81.566	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	152702	128.953	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	512676	86.428	ng	0.00
79) Terphenyl-d14	20.219	244	1081421	83.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.404	70	29467	15.979	ng	Qvalue # 75
51) 2,6-Dinitrotoluene	14.873	165	11187	8.210	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	11187	5.769	ng	# 15
67) 4-Bromophenyl-phenylether	16.366	248	9296	3.627	ng	# 1
77) Benzidine	20.219	184	14860	3.057	ng	96

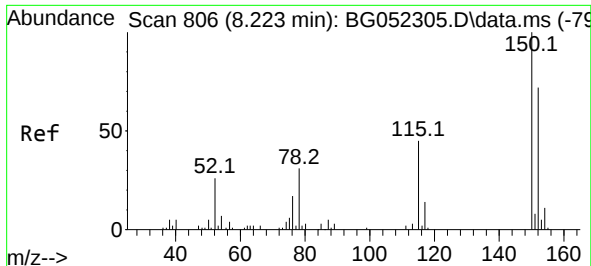
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

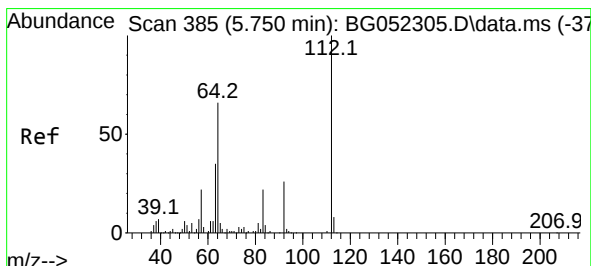
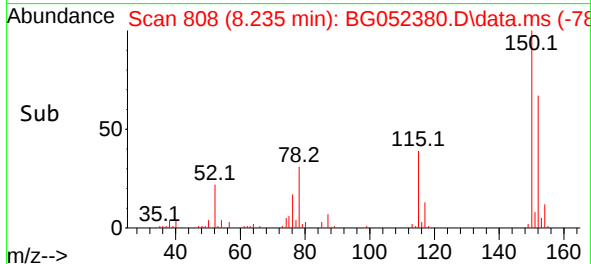
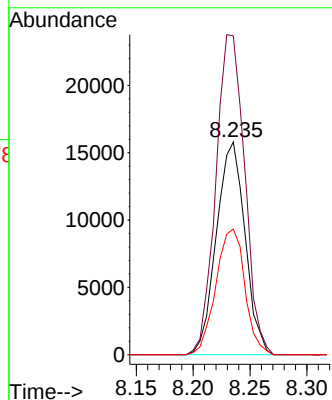
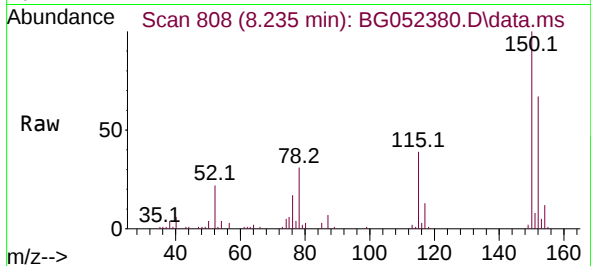




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 806
Delta R.T. 0.012 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

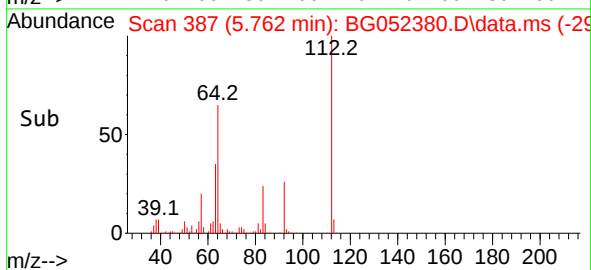
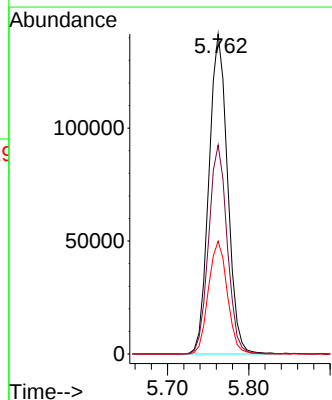
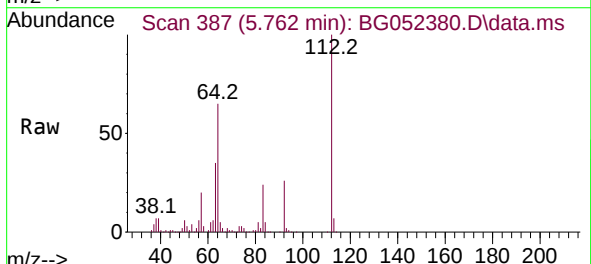
Instrument :
BNA_G
ClientSampleId :
PB142454BL

Tgt Ion:152 Resp: 27631
Ion Ratio Lower Upper
152 100
150 150.0 117.8 176.8
115 59.1 50.2 75.2



#5
2-Fluorophenol
Concen: 142.450 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.012 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Tgt Ion:112 Resp: 225837
Ion Ratio Lower Upper
112 100
64 65.3 60.4 90.6
63 35.3 33.3 49.9

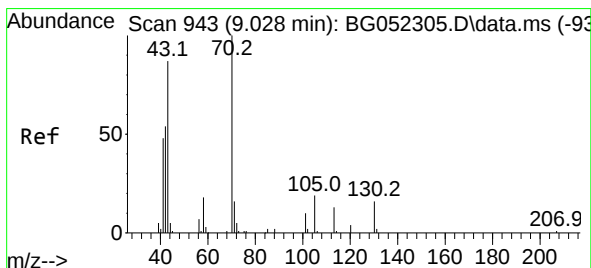
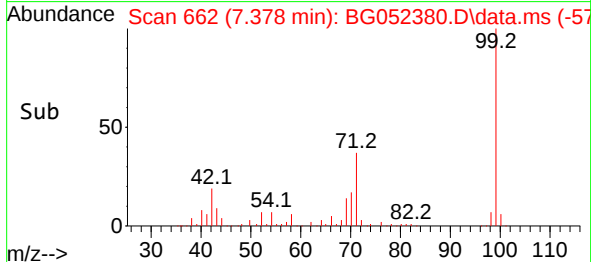
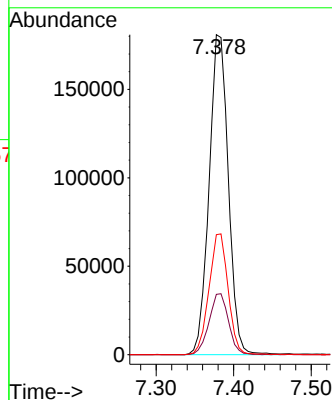
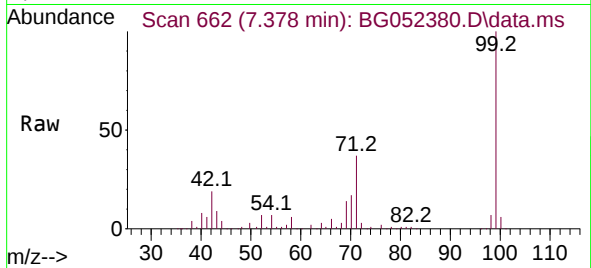




#7
Phenol-d6
Concen: 127.533 ng
RT: 7.378 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

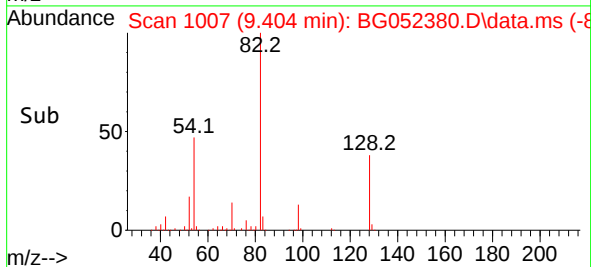
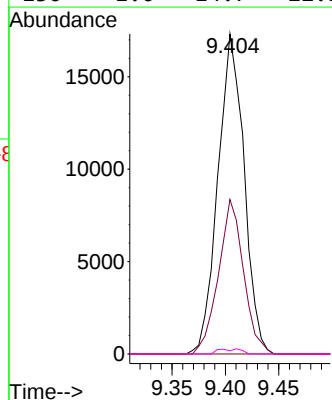
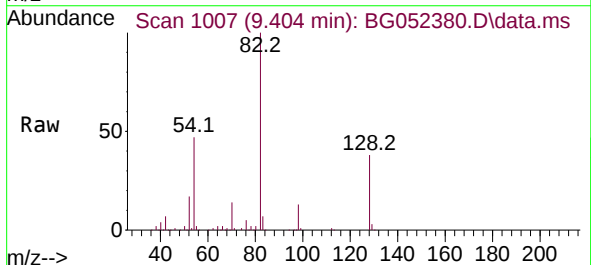
Instrument :
BNA_G
ClientSampleId :
PB142454BL

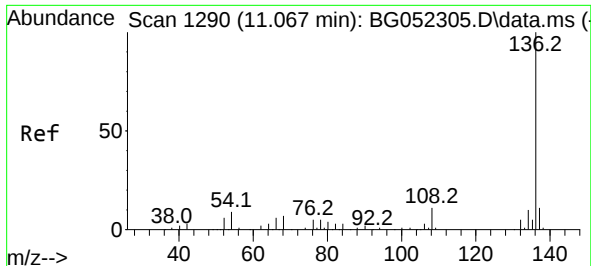
Tgt Ion: 99 Resp: 311965
Ion Ratio Lower Upper
99 100
42 18.9 19.1 28.7#
71 37.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.979 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.376 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

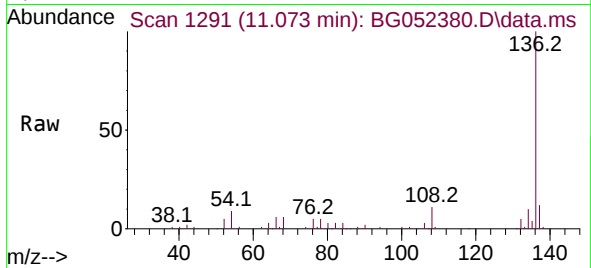
Tgt Ion: 70 Resp: 29467
Ion Ratio Lower Upper
70 100
42 48.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.0 14.7 22.1#





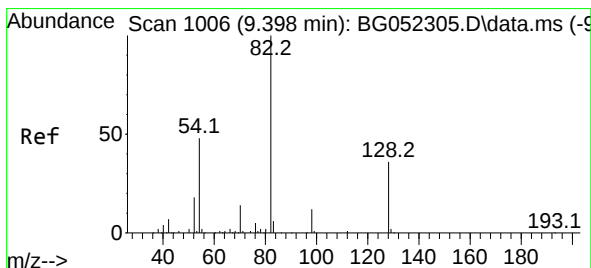
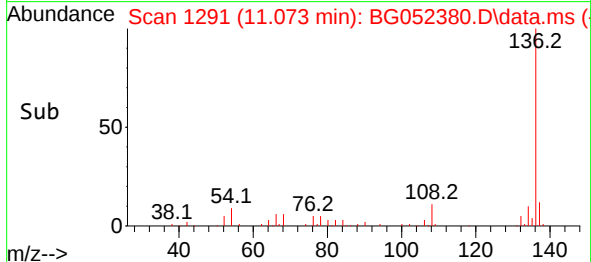
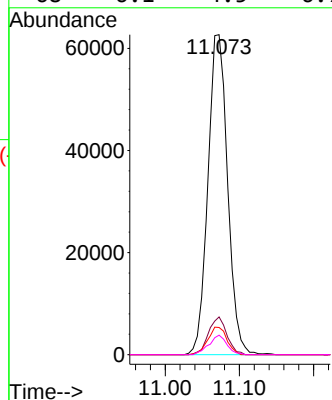
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Instrument :
BNA_G
ClientSampleId :
PB142454BL



Tgt Ion:136 Resp: 115662

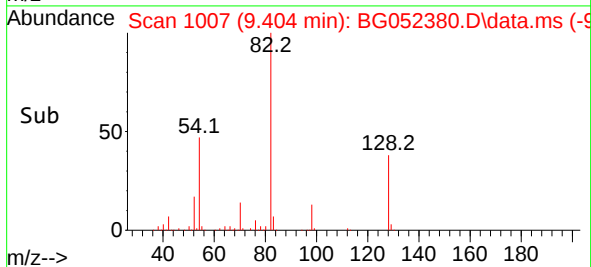
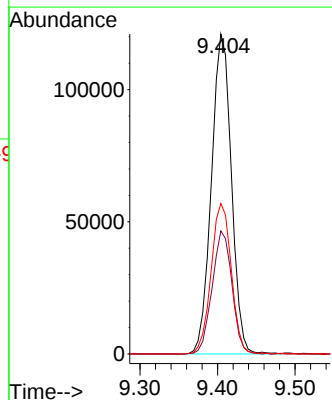
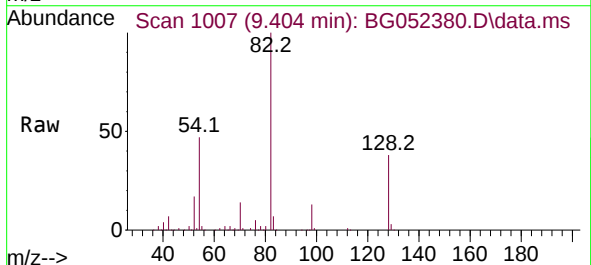
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.5	8.3	12.5
68	6.1	4.5	6.7

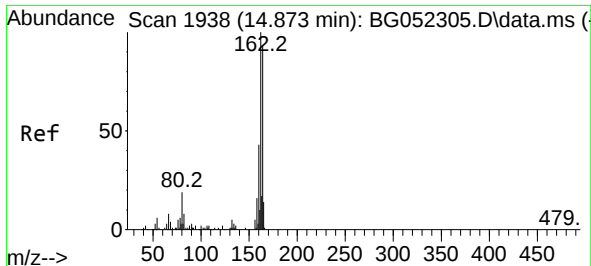


#23
Nitrobenzene-d5
Concen: 81.566 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Tgt Ion: 82 Resp: 217069

Ion	Ratio	Lower	Upper
82	100		
128	38.5	27.0	40.4
54	47.0	41.0	61.6

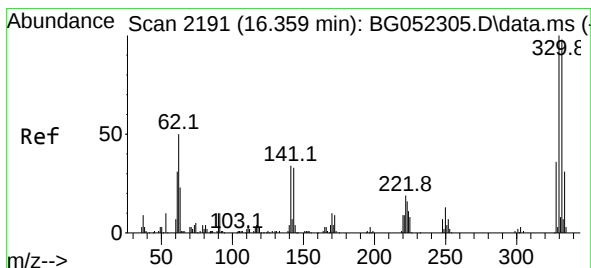
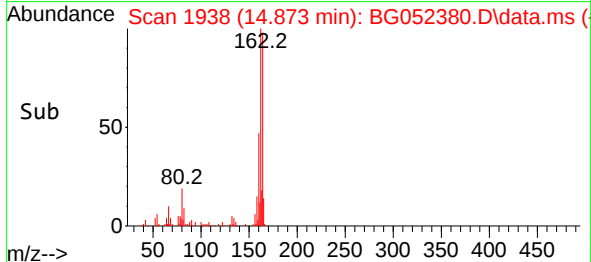
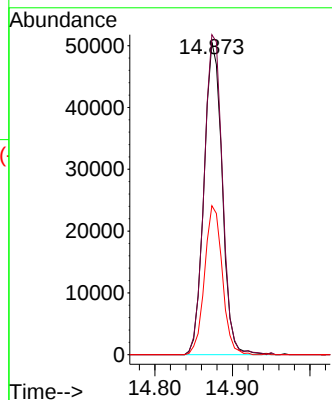
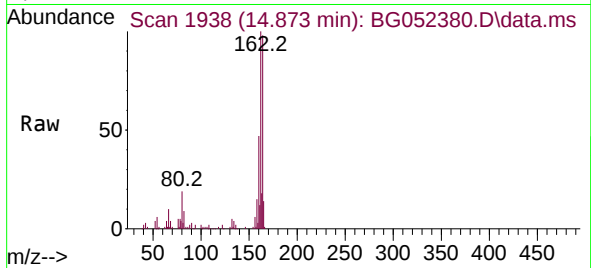




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

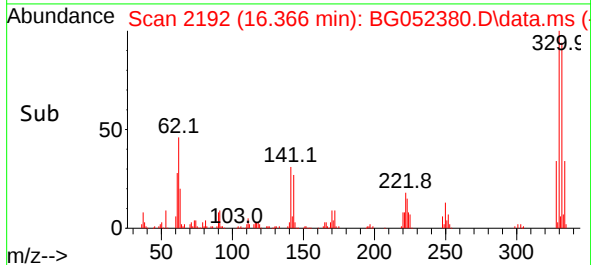
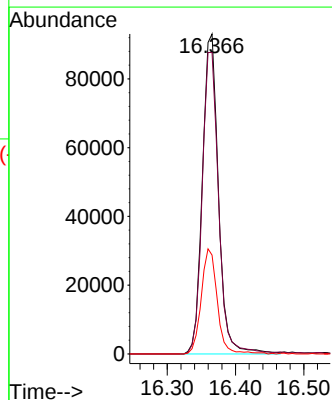
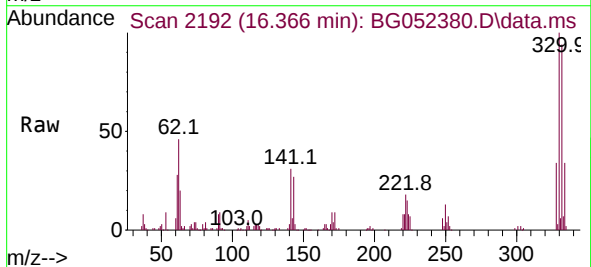
Instrument :
BNA_G
ClientSampleId :
PB142454BL

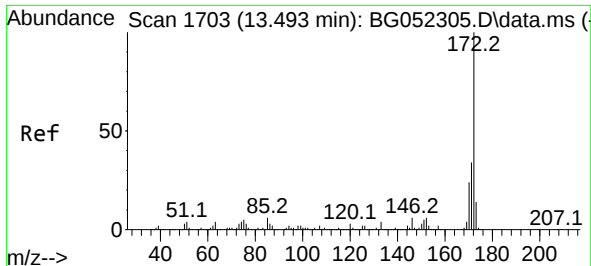
Tgt Ion:164 Resp: 82425
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 47.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 128.953 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Tgt Ion:330 Resp: 152702
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 32.7 28.8 43.2

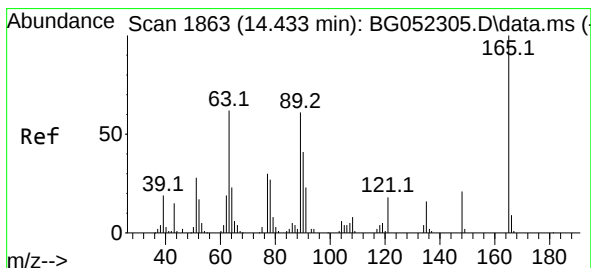
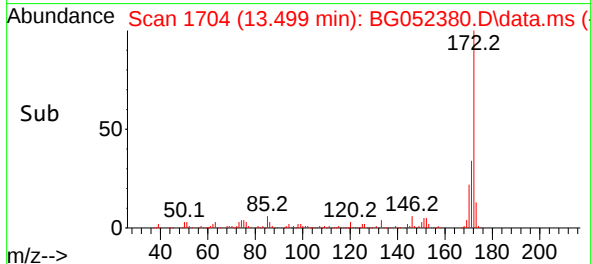
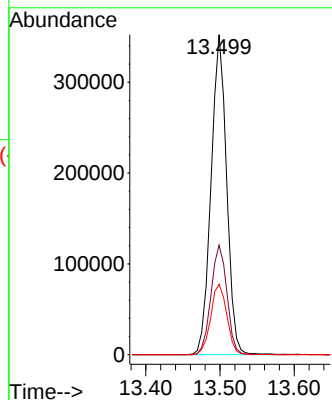
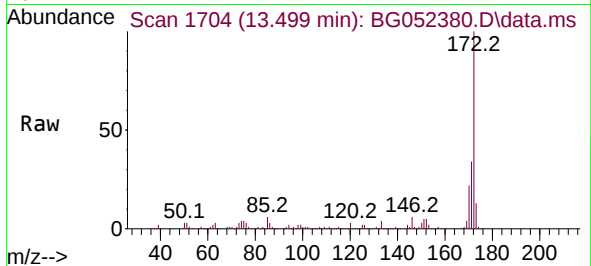




#45
2-Fluorobiphenyl
Concen: 86.428 ng
RT: 13.499 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

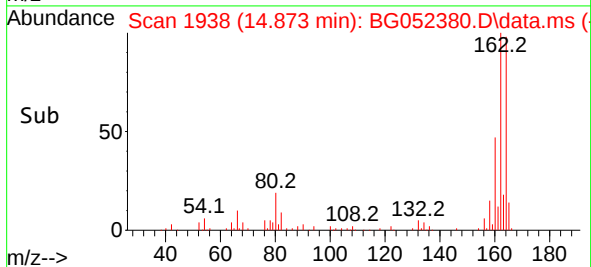
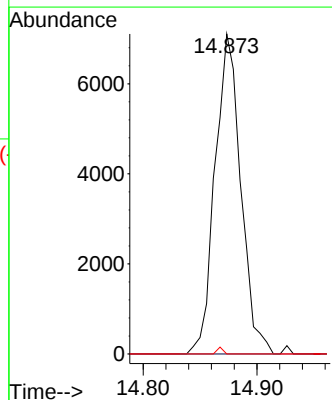
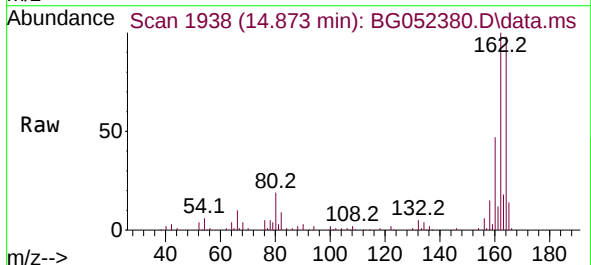
Instrument :
BNA_G
ClientSampleId :
PB142454BL

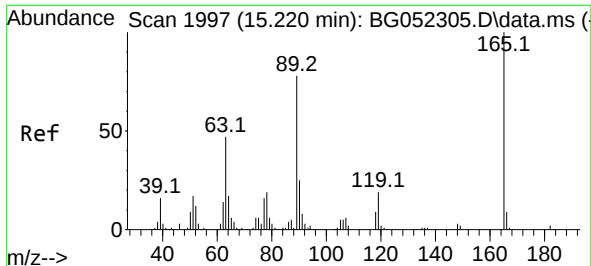
Tgt Ion:172 Resp: 512676
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.0 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.441 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Tgt Ion:165 Resp: 11187
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.769 ng

RT: 14.873 min Scan# 1997

Delta R.T. -0.346 min

Lab File: BG052380.D

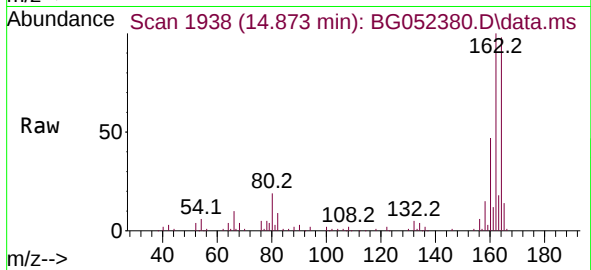
Acq: 14 Feb 2022 12:49

Instrument :

BNA_G

ClientSampleId :

PB142454BL



Tgt Ion:165 Resp: 11187

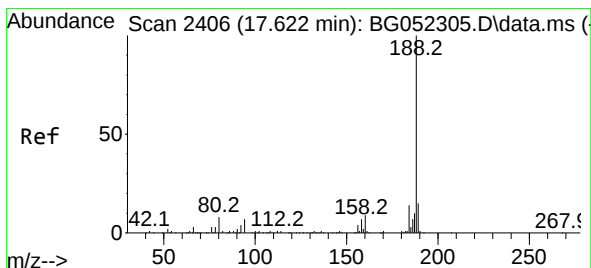
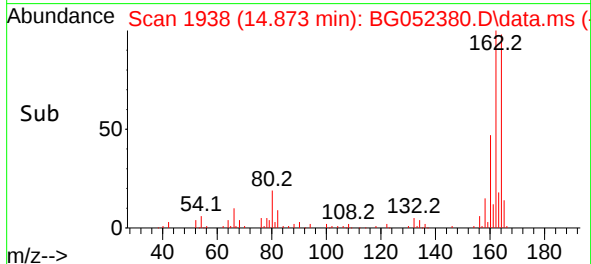
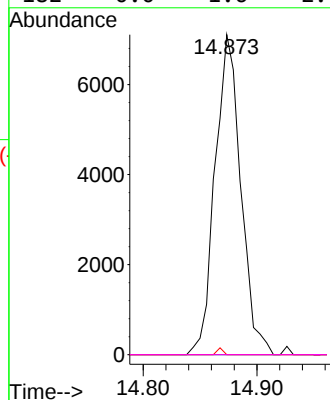
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.623 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BG052380.D

Acq: 14 Feb 2022 12:49

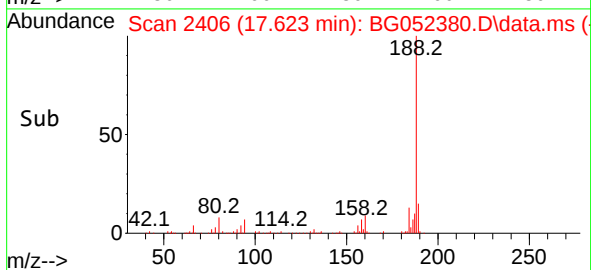
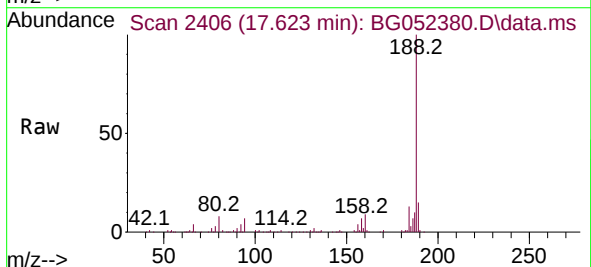
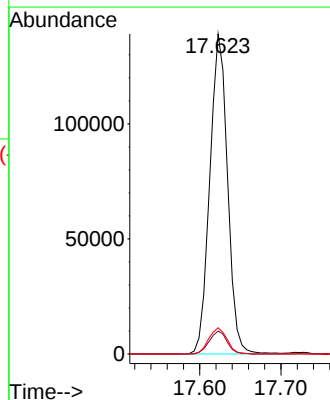
Tgt Ion:188 Resp: 210764

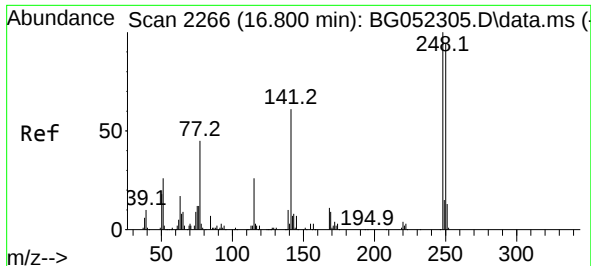
Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

80 8.2 6.6 10.0

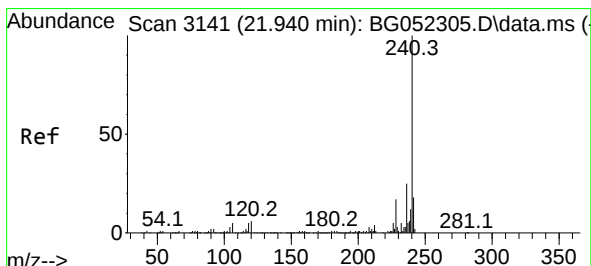
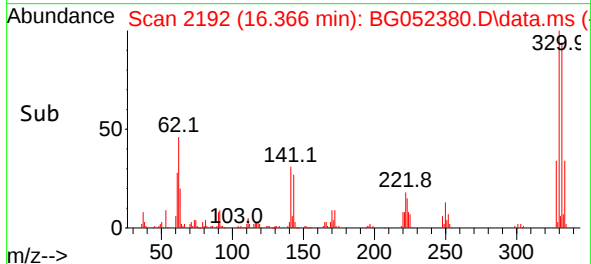
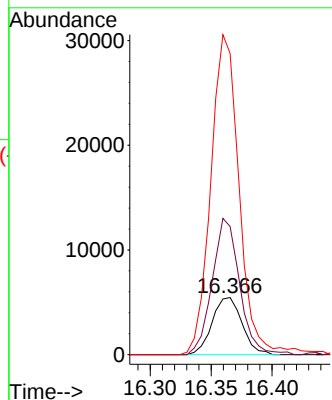
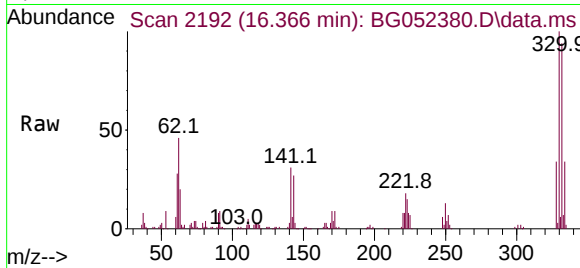




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 16.366 min Scan# 2192
Delta R.T. -0.434 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

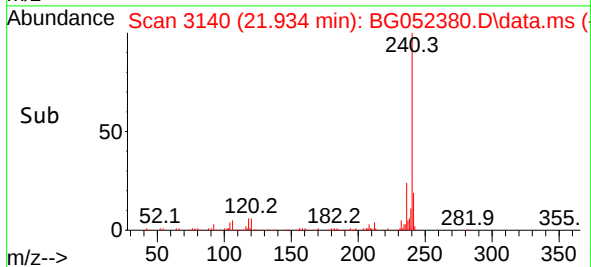
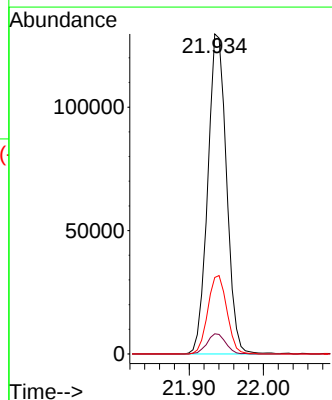
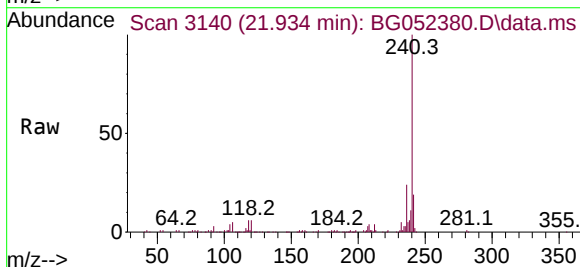
Instrument :
BNA_G
ClientSampleId :
PB142454BL

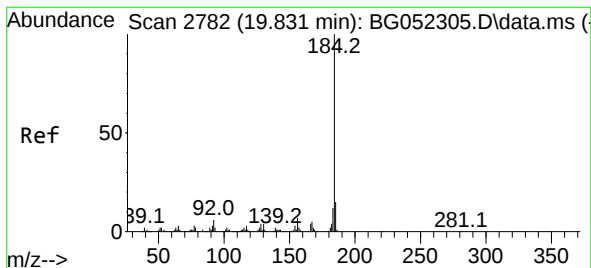
Tgt Ion:248 Resp: 9296
Ion Ratio Lower Upper
248 100
250 224.2 79.6 119.4#
141 527.3 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052380.D
Acq: 14 Feb 2022 12:49

Tgt Ion:240 Resp: 227479
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 23.9 20.8 31.2





#77

Benzidine

Concen: 3.057 ng

RT: 20.219 min Scan# 21

Delta R.T. 0.388 min

Lab File: BG052380.D

Acq: 14 Feb 2022 12:49

Instrument :

BNA_G

ClientSampleId :

PB142454BL

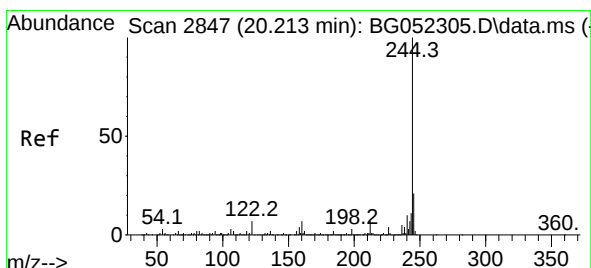
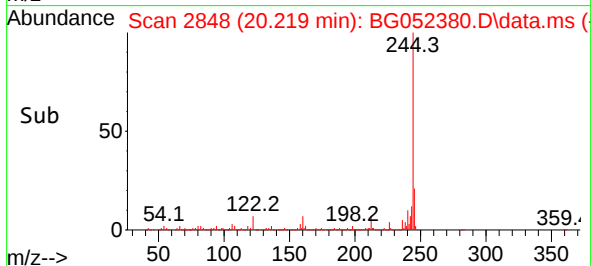
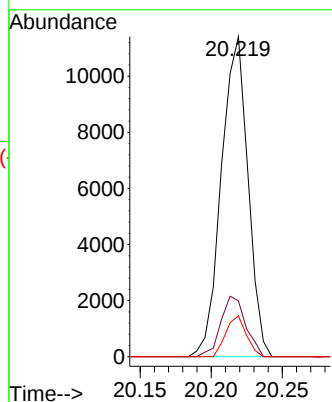
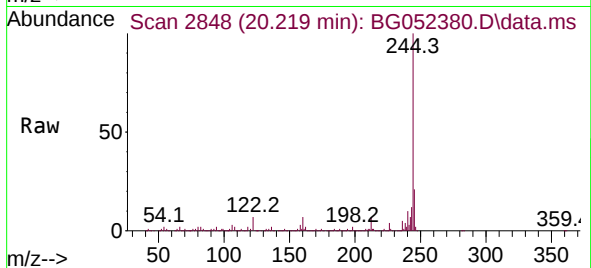
Tgt Ion:184 Resp: 14860

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

183 12.8 9.8 14.6



#79

Terphenyl-d14

Concen: 83.948 ng

RT: 20.219 min Scan# 2848

Delta R.T. 0.006 min

Lab File: BG052380.D

Acq: 14 Feb 2022 12:49

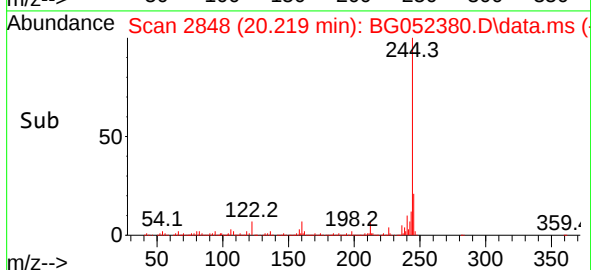
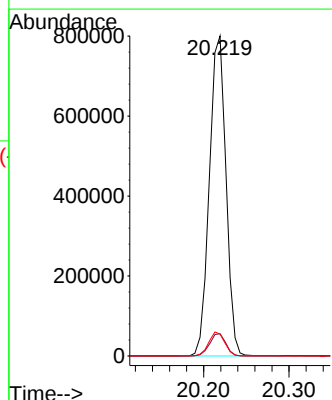
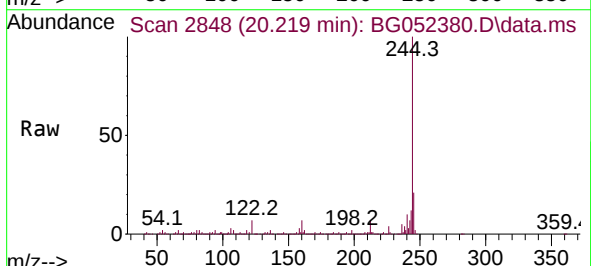
Tgt Ion:244 Resp: 1081421

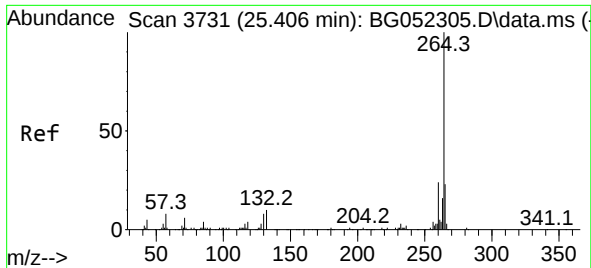
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 6.9 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.406 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG052380.D
 Acq: 14 Feb 2022 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB142454BL

Tgt Ion:264 Resp: 222994
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.4 17.8 26.6

