

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053314.D
 Acq On : 26 Apr 2022 10:39
 Operator : CG/JU
 Sample : PB144297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144297BL

Quant Time: Apr 27 03:36:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

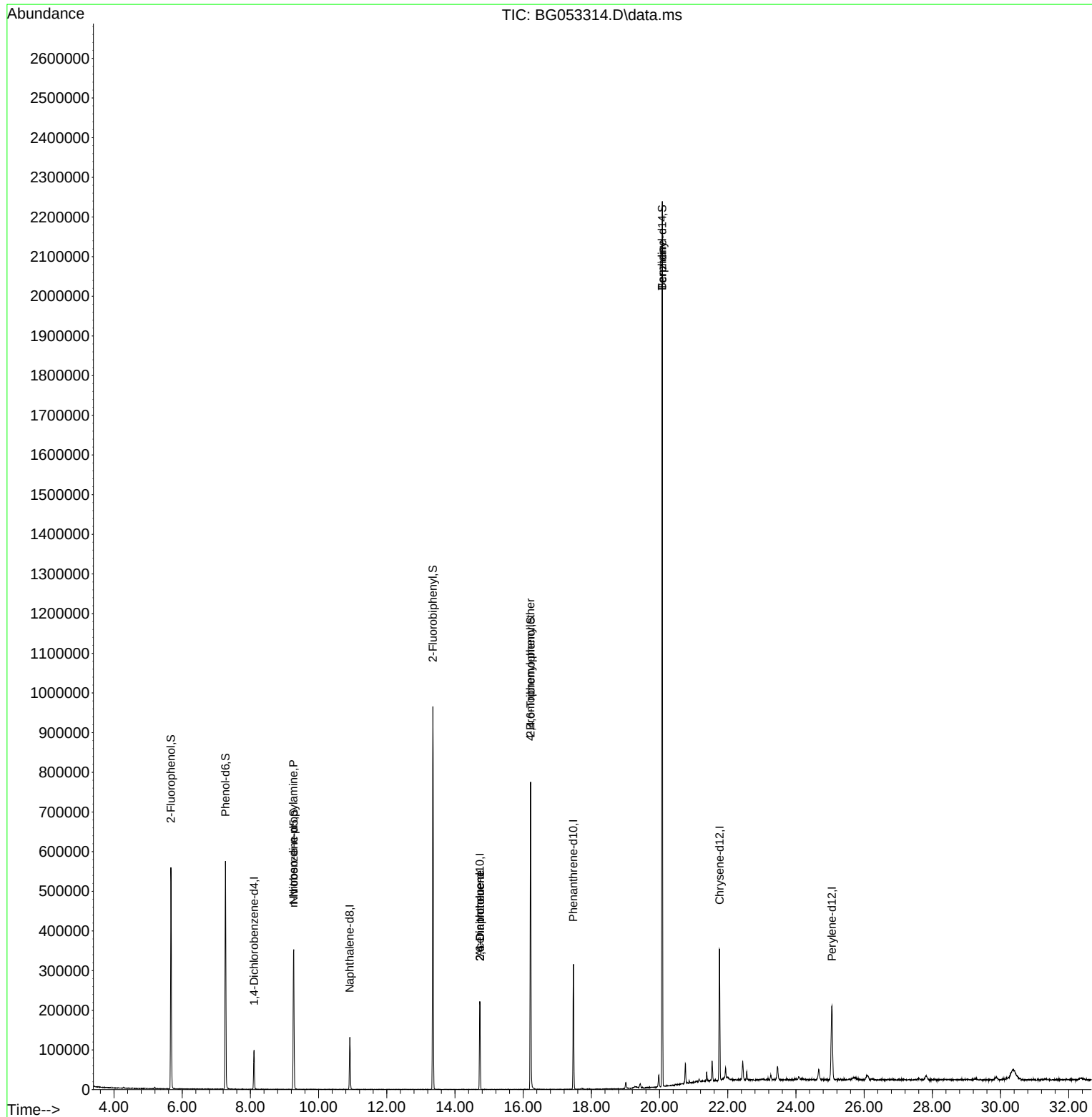
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	27309	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	111894	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	84062	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	212271	20.000	ng	-0.01
76) Chrysene-d12	21.760	240	220627	20.000	ng	0.00
86) Perylene-d12	25.055	264	215512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	228986	143.734	ng	0.00
7) Phenol-d6	7.267	99	326577	132.930	ng	0.00
23) Nitrobenzene-d5	9.271	82	228733	83.001	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	167878	125.526	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	515212	84.512	ng	0.00
79) Terphenyl-d14	20.079	244	1122750	85.947	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.265	70	33079	18.391	ng	# 77
51) 2,6-Dinitrotoluene	14.734	165	10939	7.799	ng	# 24
57) 2,4-Dinitrotoluene	14.734	165	10939	5.478	ng	# 22
67) 4-Bromophenyl-phenylether	16.214	248	10687	3.929	ng	# 1
77) Benzidine	20.079	184	18863	2.997	ng	# 90

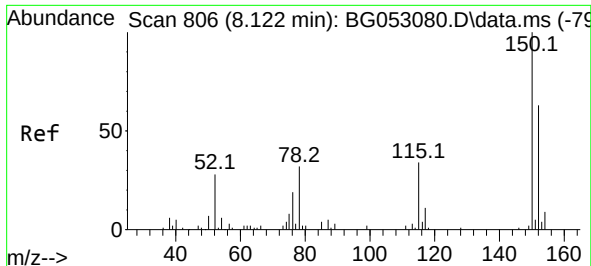
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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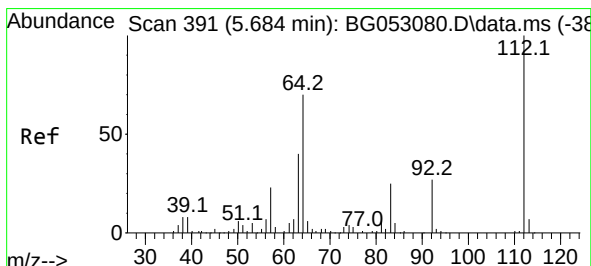
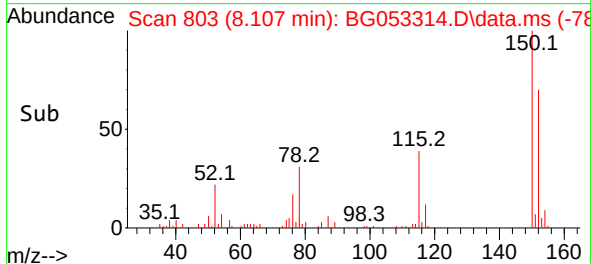
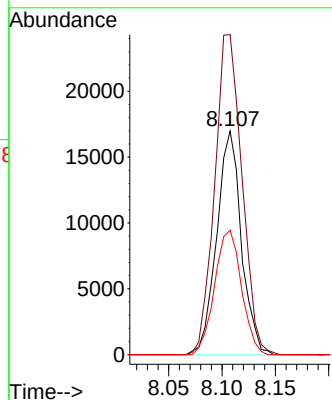
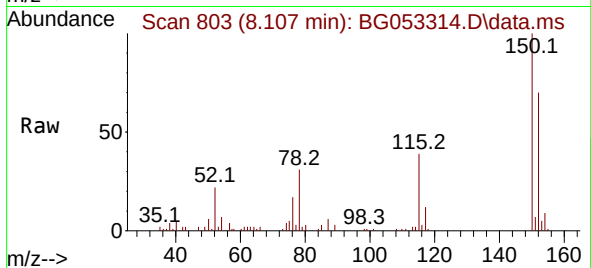




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

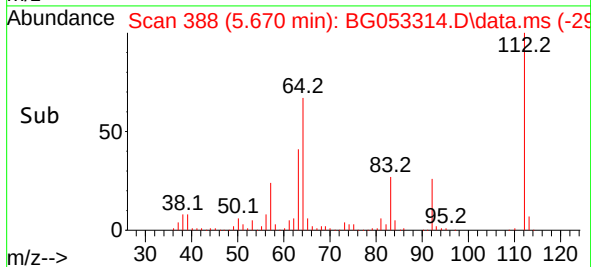
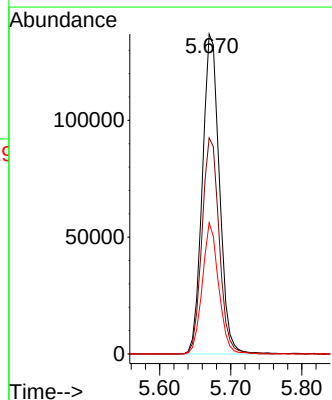
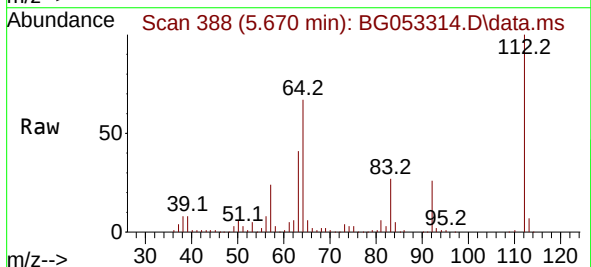
Instrument :
BNA_G
ClientSampleId :
PB144297BL

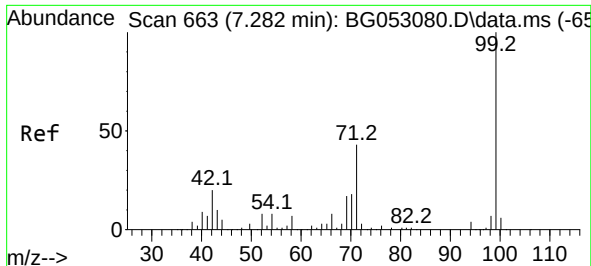
Tgt Ion:152 Resp: 27309
Ion Ratio Lower Upper
152 100
150 143.1 114.6 172.0
115 55.6 45.9 68.9



#5
2-Fluorophenol
Concen: 143.734 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:112 Resp: 228986
Ion Ratio Lower Upper
112 100
64 67.5 48.0 72.0
63 41.0 26.5 39.7#

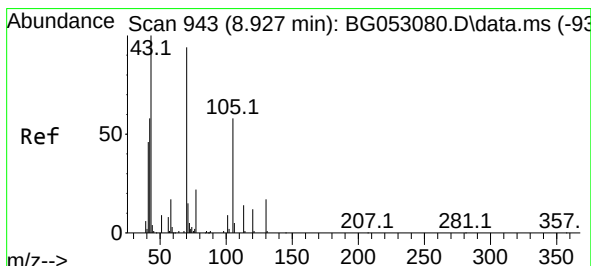
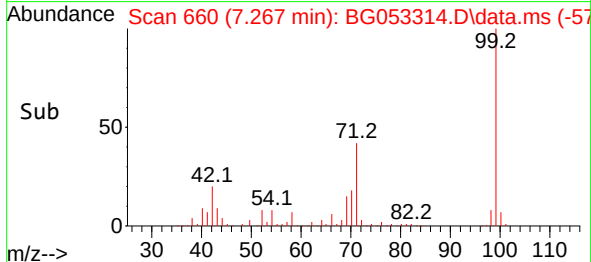
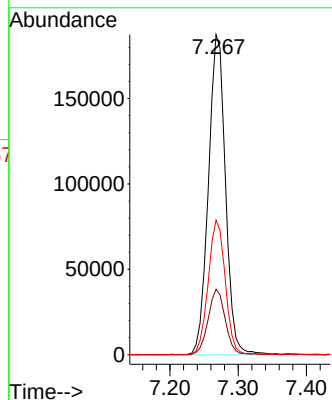
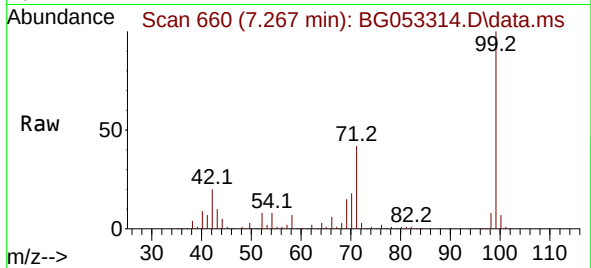




#7
Phenol-d6
Concen: 132.930 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

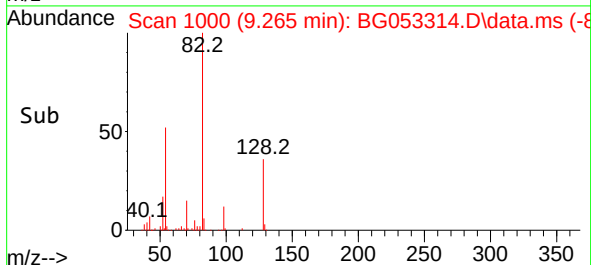
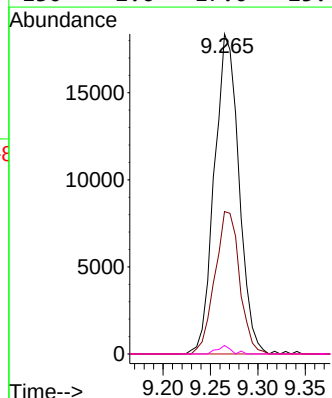
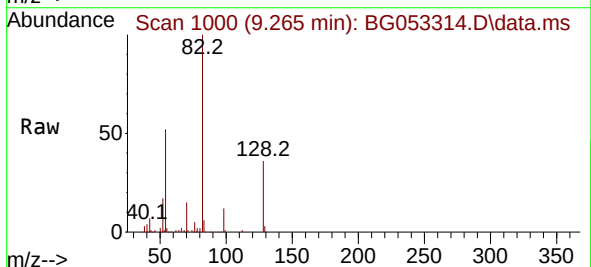
Instrument :
BNA_G
ClientSampleId :
PB144297BL

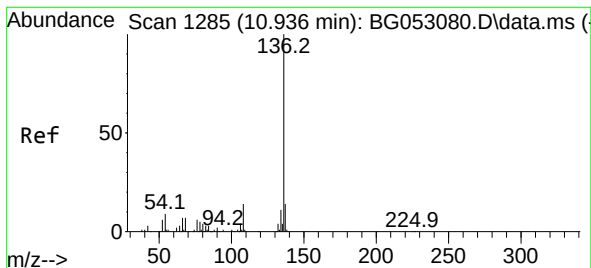
Tgt Ion: 99 Resp: 326577
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.391 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.352 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion: 70 Resp: 33079
Ion Ratio Lower Upper
70 100
42 44.5 46.0 69.0#
101 0.0 6.2 9.4#
130 2.6 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.915 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

Instrument :

BNA_G

ClientSampleId :

PB144297BL

Tgt Ion:136 Resp: 111894

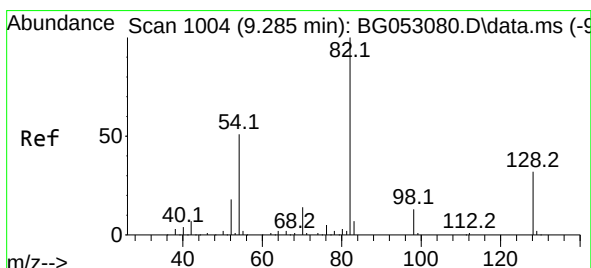
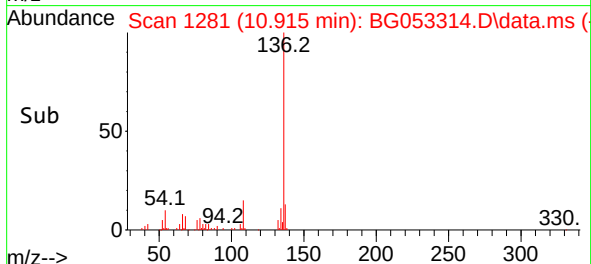
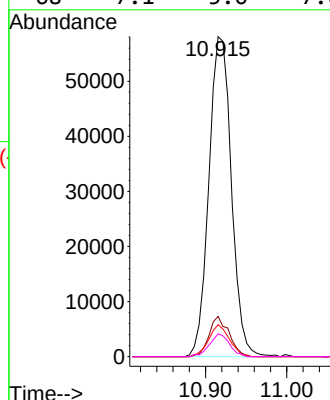
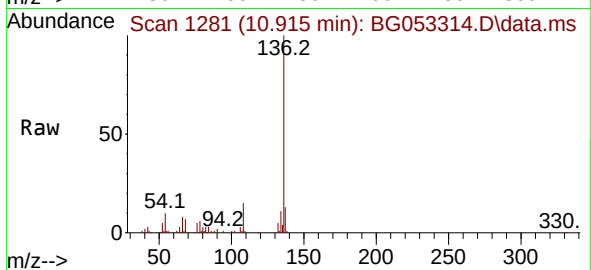
Ion Ratio Lower Upper

136 100

137 12.6 9.4 14.2

54 10.0 6.4 9.6#

68 7.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 83.001 ng

RT: 9.271 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

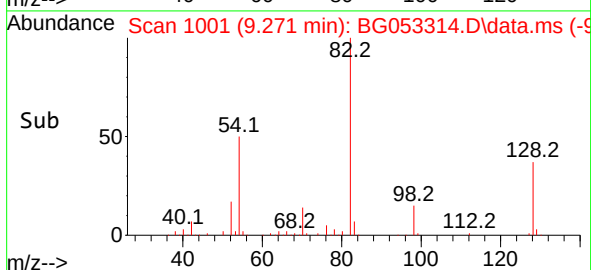
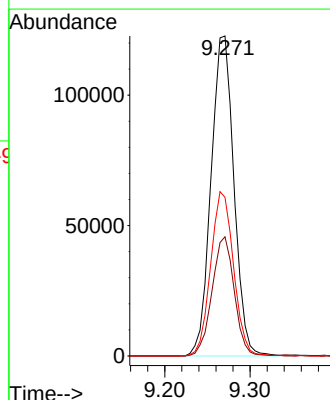
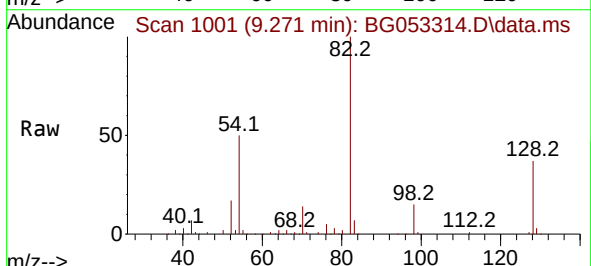
Tgt Ion: 82 Resp: 228733

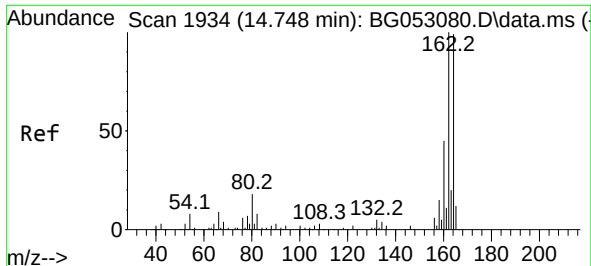
Ion Ratio Lower Upper

82 100

128 37.3 31.3 46.9

54 49.6 37.8 56.8

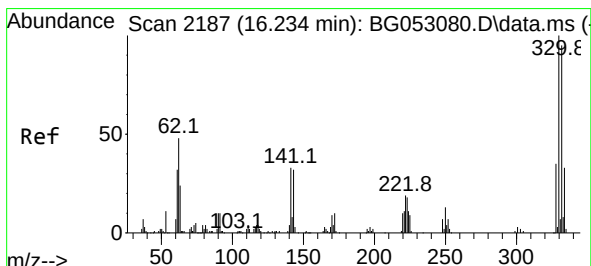
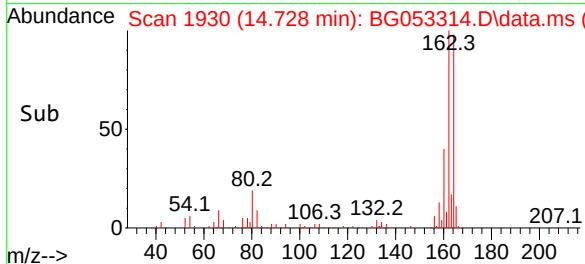
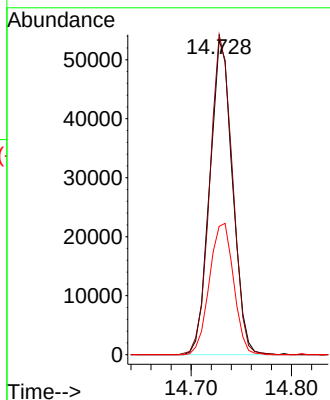
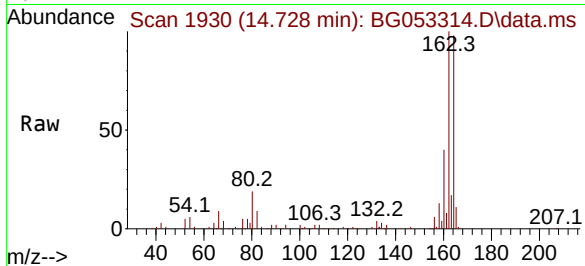




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

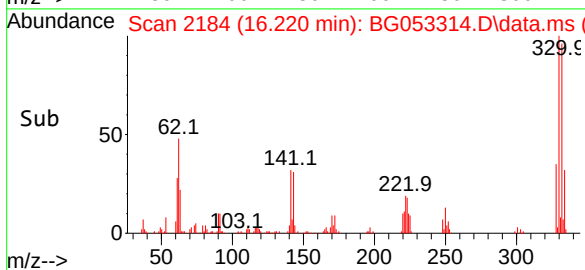
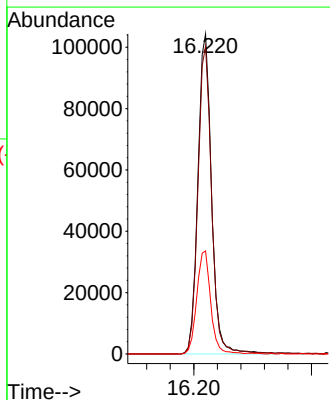
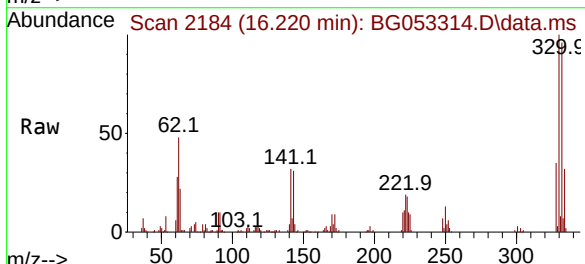
Instrument :
BNA_G
ClientSampleId :
PB144297BL

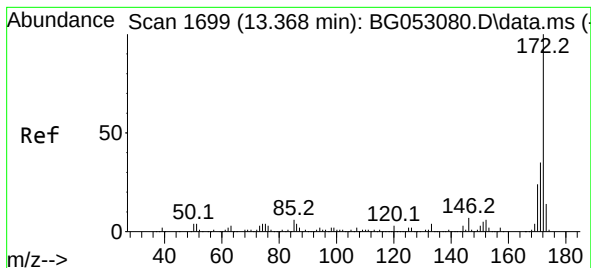
Tgt Ion:164 Resp: 84062
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 40.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 125.526 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:330 Resp: 167878
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 32.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 84.512 ng

RT: 13.353 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

Instrument :

BNA_G

ClientSampleId :

PB144297BL

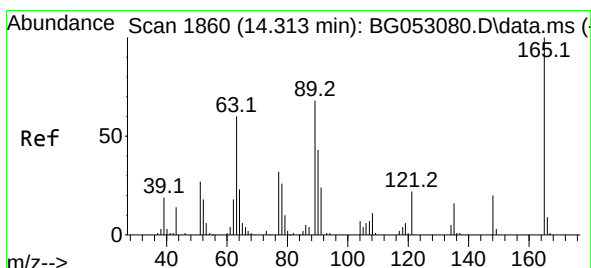
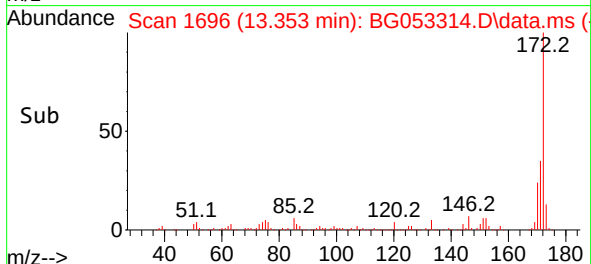
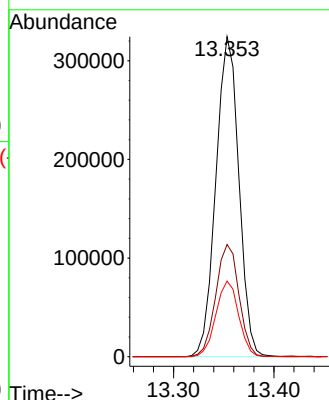
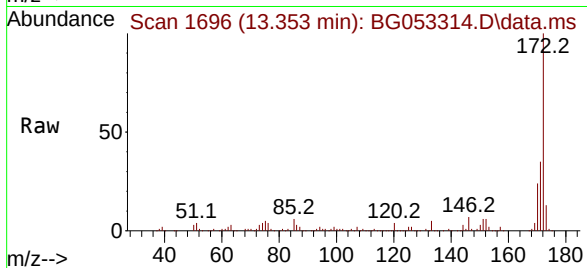
Tgt Ion:172 Resp: 515212

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.799 ng

RT: 14.734 min Scan# 1931

Delta R.T. 0.429 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

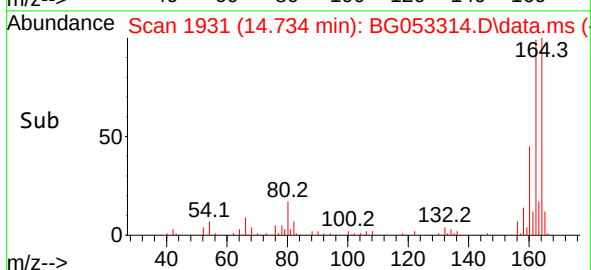
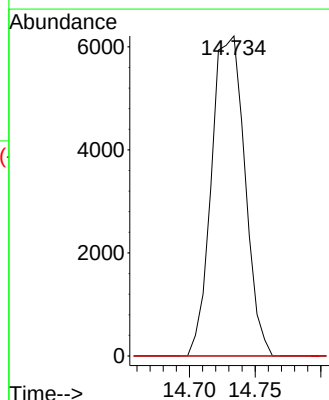
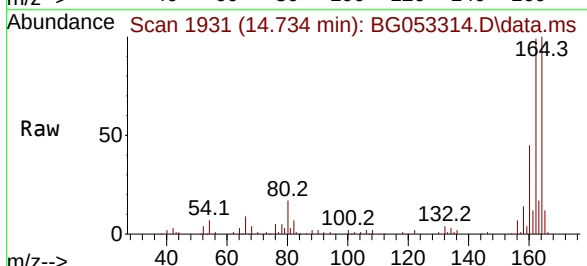
Tgt Ion:165 Resp: 10939

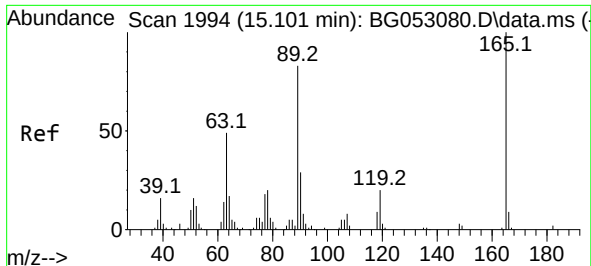
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.478 ng

RT: 14.734 min Scan# 1994

Delta R.T. -0.358 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

Instrument :

BNA_G

ClientSampleId :

PB144297BL

Tgt Ion:165 Resp: 10939

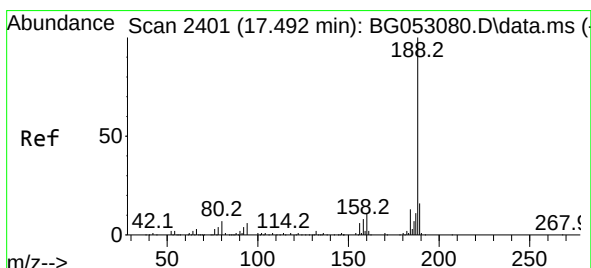
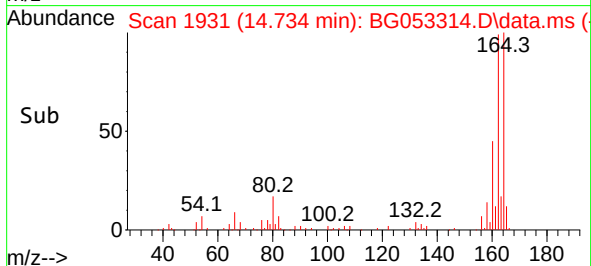
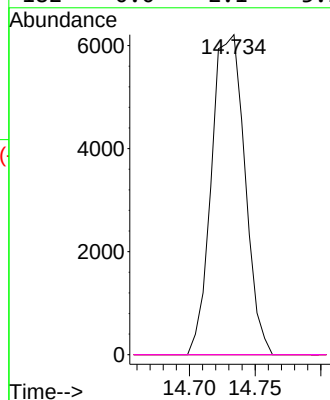
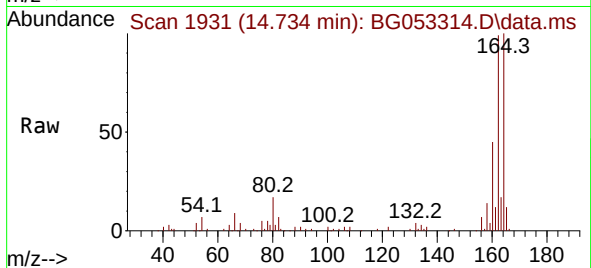
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.471 min Scan# 2397

Delta R.T. -0.012 min

Lab File: BG053314.D

Acq: 26 Apr 2022 10:39

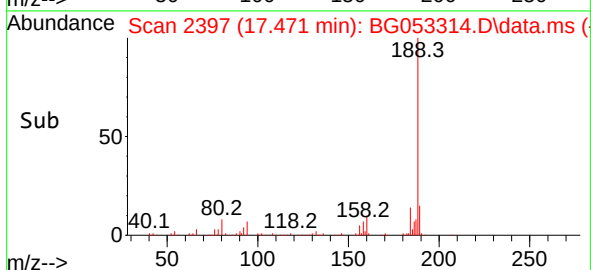
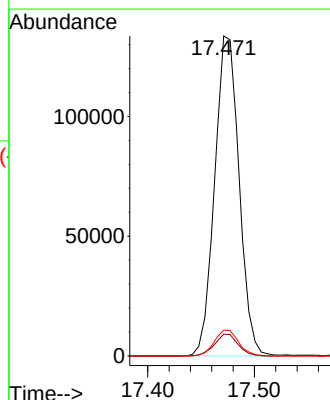
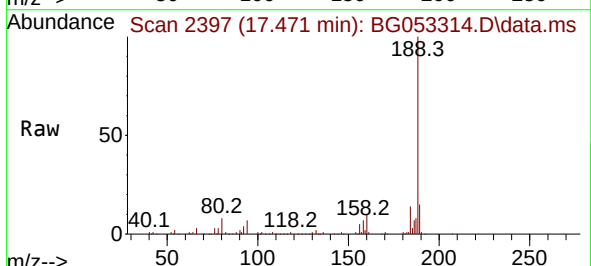
Tgt Ion:188 Resp: 212271

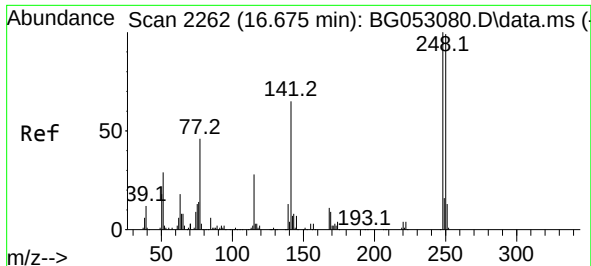
Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.1 7.2 10.8

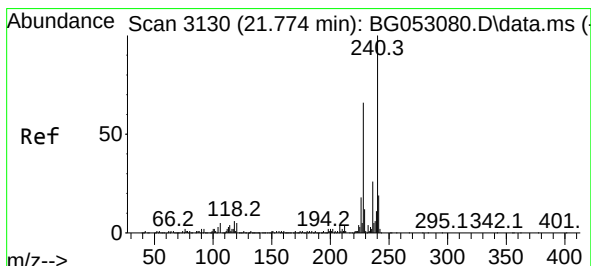
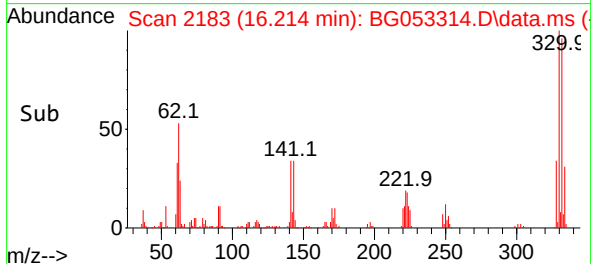
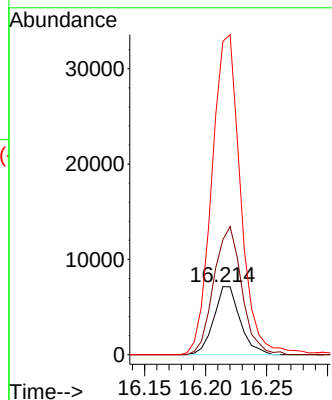
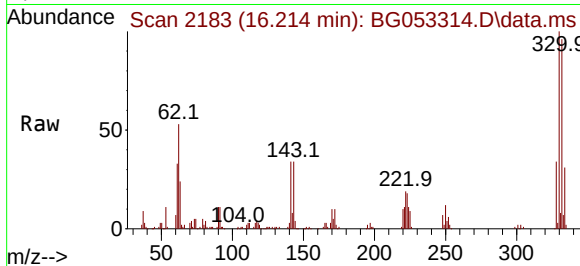




#67
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 16.214 min Scan# 2118
Delta R.T. -0.447 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

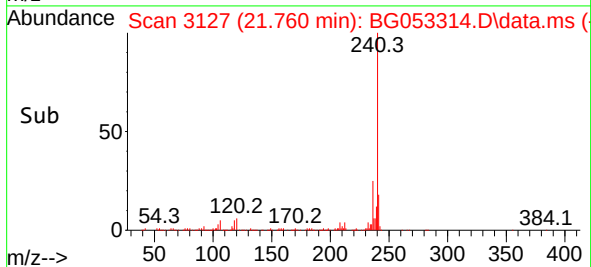
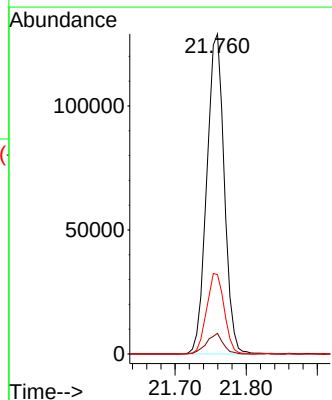
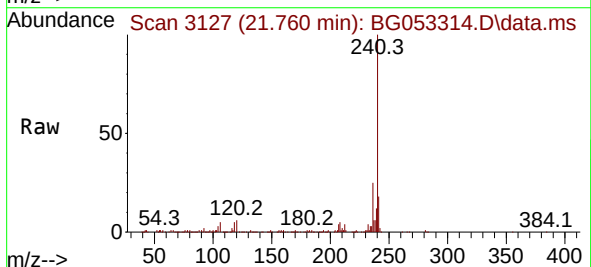
Instrument :
BNA_G
ClientSampleId :
PB144297BL

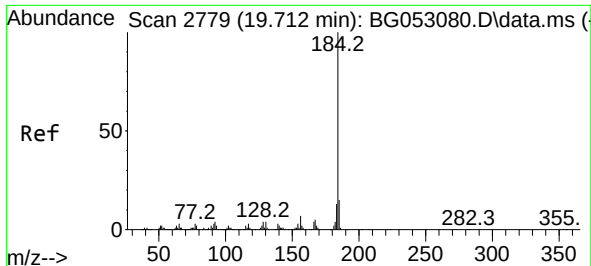
Tgt Ion:248 Resp: 10687
Ion Ratio Lower Upper
248 100
250 169.1 77.9 116.9#
141 460.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:240 Resp: 220627
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.8 19.8 29.6

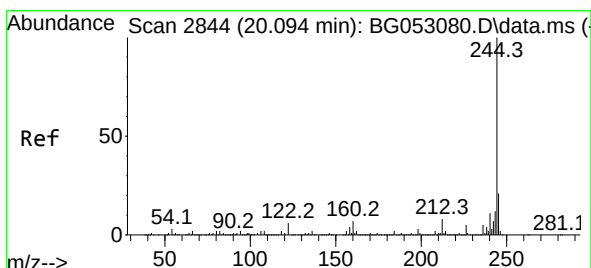
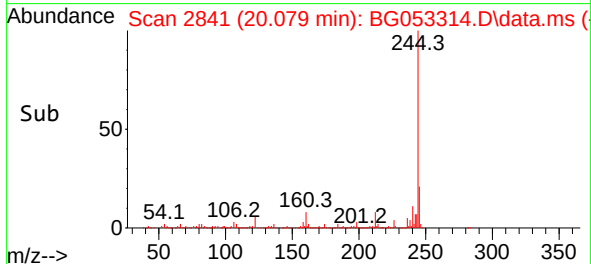
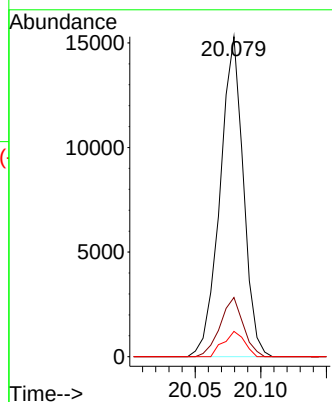
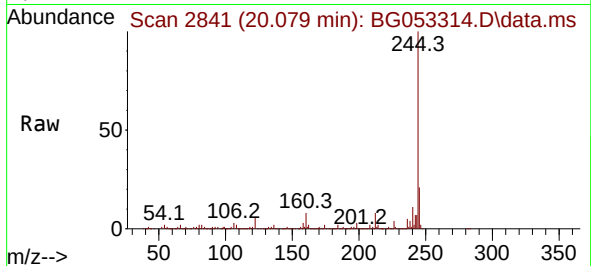




#77
Benzidine
Concen: 2.997 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.376 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

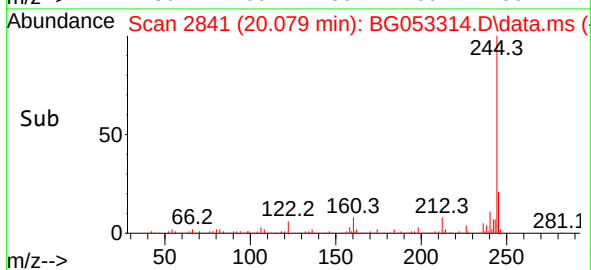
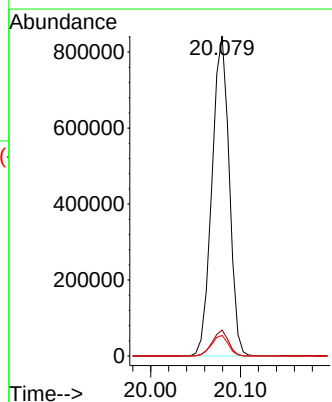
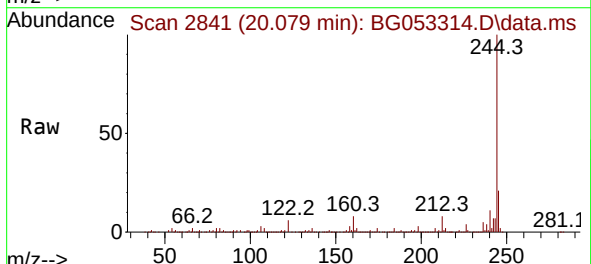
Instrument :
BNA_G
ClientSampleId :
PB144297BL

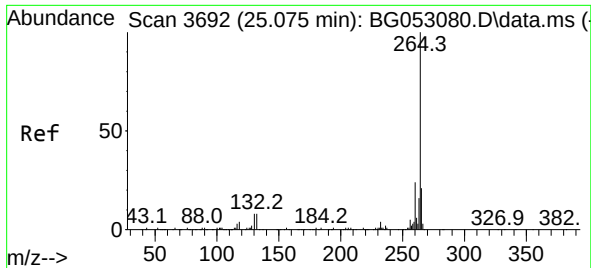
Tgt Ion:184 Resp: 18863
Ion Ratio Lower Upper
184 100
185 18.5 11.5 17.3#
183 7.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.947 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Tgt Ion:244 Resp: 1122750
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.055 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG053314.D
Acq: 26 Apr 2022 10:39

Instrument :
BNA_G
ClientSampleId :
PB144297BL

Tgt Ion:264 Resp: 215512

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	21.1	15.1	22.7

