

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055422.D
 Acq On : 2 Nov 2022 19:50
 Operator : CG/JU
 Sample : N5380-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Nov 03 06:11:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

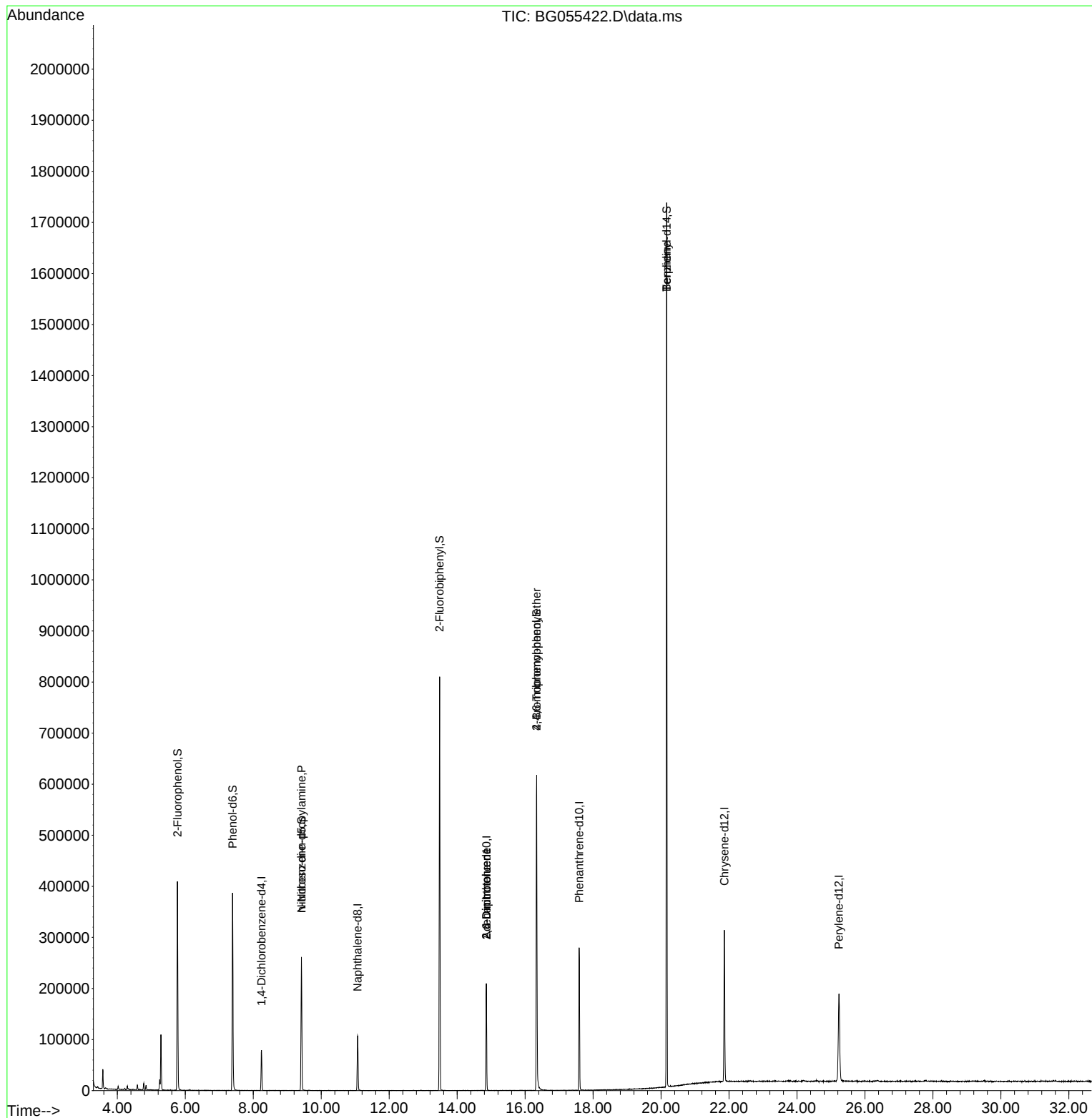
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	24472	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	102319	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	74694	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	187941	20.000	ng	0.00
76) Chrysene-d12	21.861	240	195721	20.000	ng	-0.01
86) Perylene-d12	25.233	264	206210	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	191199	140.309	ng	0.00
7) Phenol-d6	7.390	99	239197	126.578	ng	0.00
23) Nitrobenzene-d5	9.417	82	161983	84.372	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	148587	145.839	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	422180	83.802	ng	0.00
79) Terphenyl-d14	20.163	244	872287	86.664	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.417	70	21314	14.434	ng	# 77
51) 2,6-Dinitrotoluene	14.857	165	9672	7.410	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	9672	5.182	ng	# 25
67) 4-Bromophenyl-phenylether	16.338	248	9083	4.088	ng	# 1
77) Benzdine	20.163	184	12755	3.130	ng	# 91

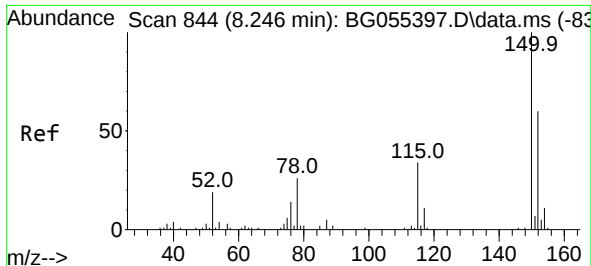
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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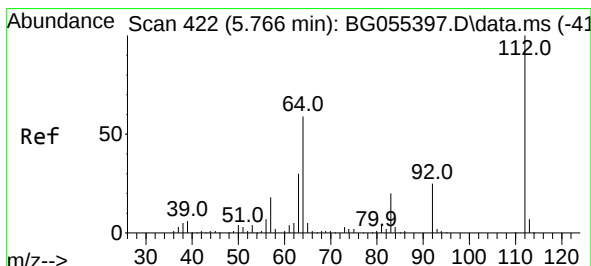
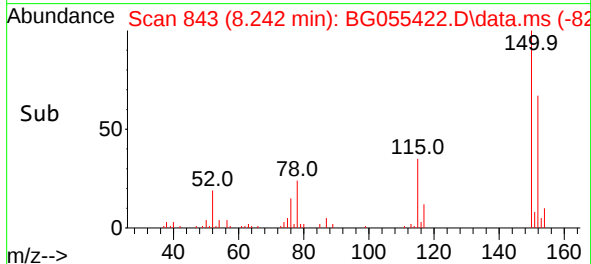
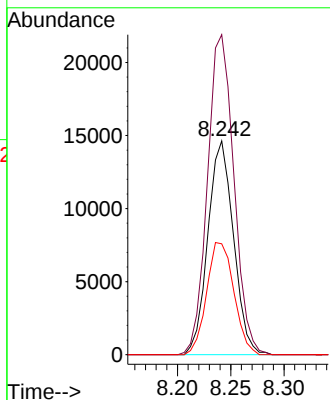
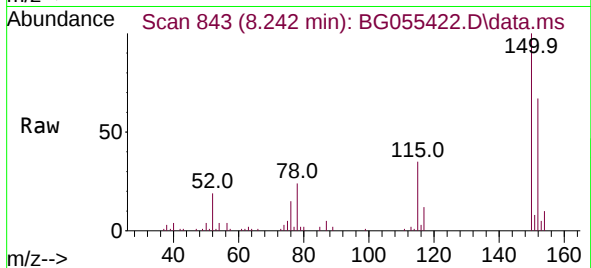




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 844
Delta R.T. -0.004 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

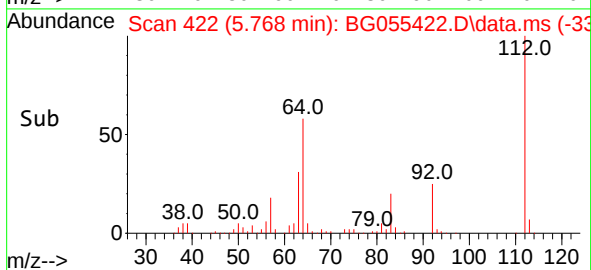
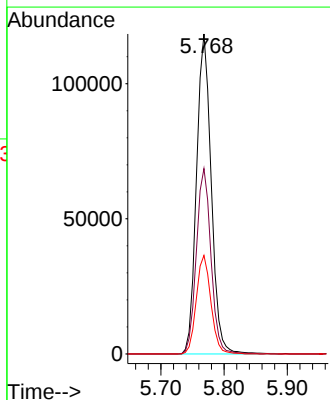
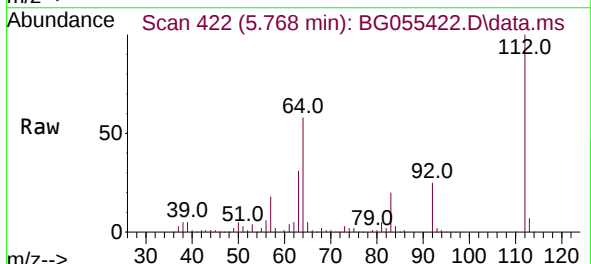
Instrument :
BNA_G
ClientSampleId :
TP-C

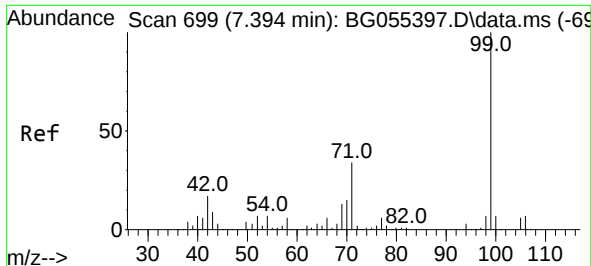
Tgt Ion:152 Resp: 24472
Ion Ratio Lower Upper
152 100
150 149.7 132.8 199.2
115 51.9 45.1 67.7



#5
2-Fluorophenol
Concen: 140.309 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion:112 Resp: 191199
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 30.8 24.3 36.5

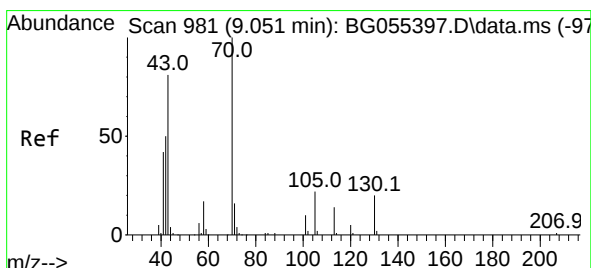
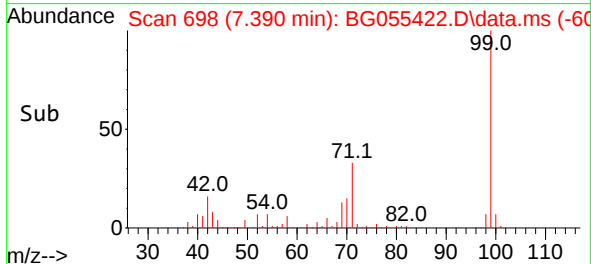
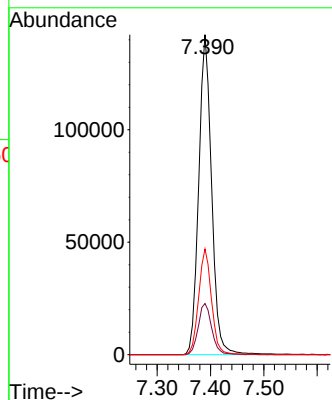
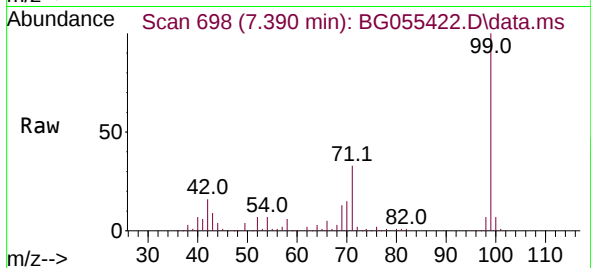




#7
Phenol-d6
Concen: 126.578 ng
RT: 7.390 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

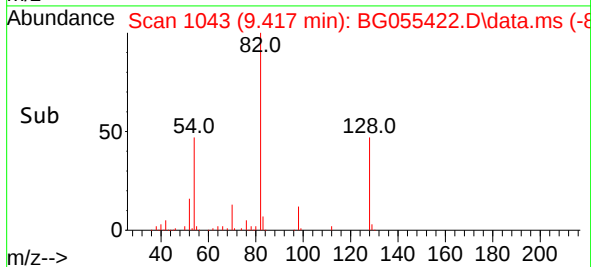
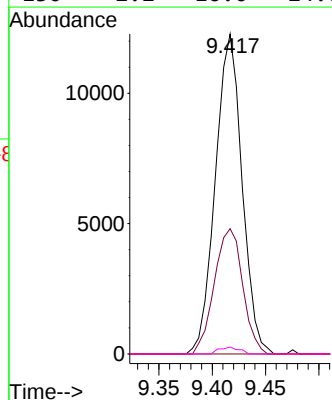
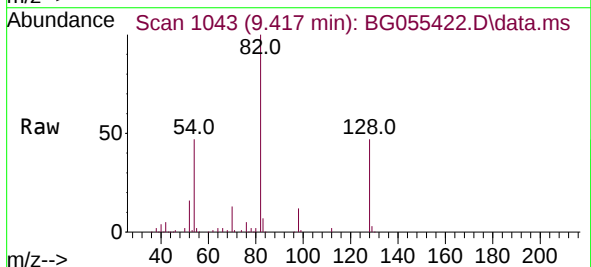
Instrument :
BNA_G
ClientSampleId :
TP-C

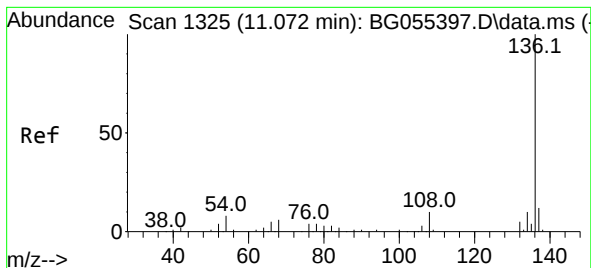
Tgt Ion: 99 Resp: 239197
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 33.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.434 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.366 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion: 70 Resp: 21314
Ion Ratio Lower Upper
70 100
42 39.2 40.6 61.0#
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.068 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055422.D

Acq: 2 Nov 2022 19:50

Instrument :

BNA_G

ClientSampleId :

TP-C

Tgt Ion:136 Resp: 102319

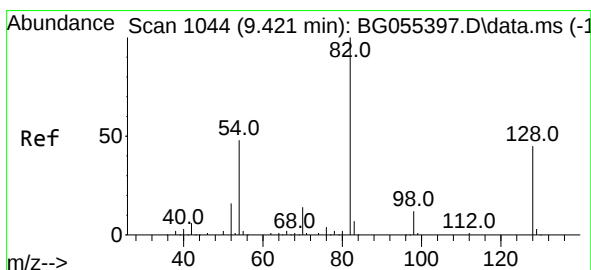
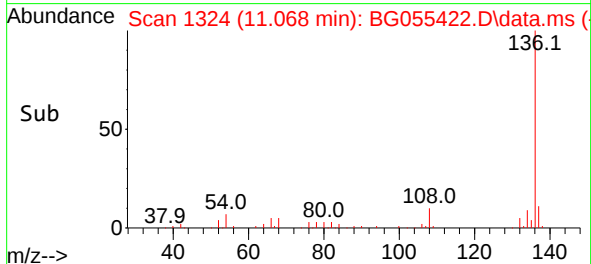
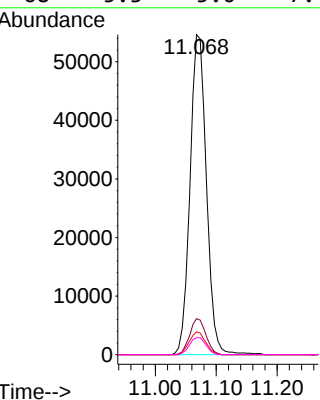
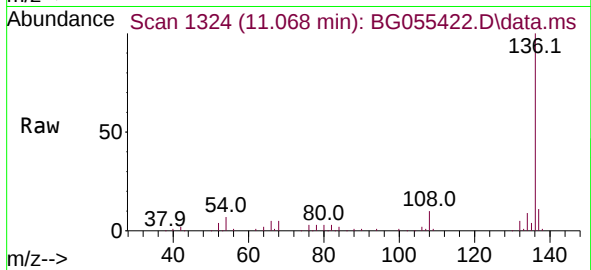
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.2

54 7.2 6.1 9.1

68 5.3 5.0 7.4



#23

Nitrobenzene-d5

Concen: 84.372 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.004 min

Lab File: BG055422.D

Acq: 2 Nov 2022 19:50

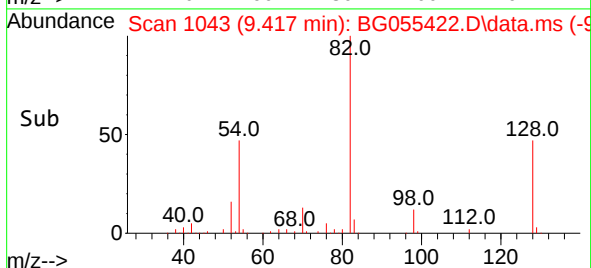
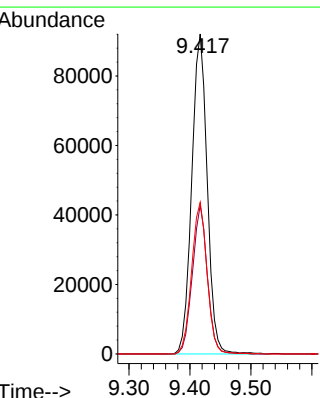
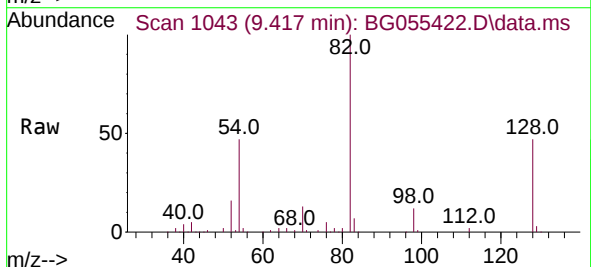
Tgt Ion: 82 Resp: 161983

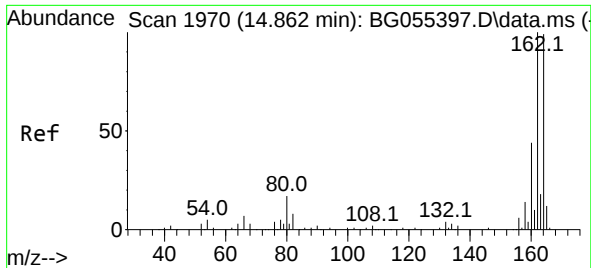
Ion Ratio Lower Upper

82 100

128 46.5 35.8 53.8

54 47.4 38.1 57.1

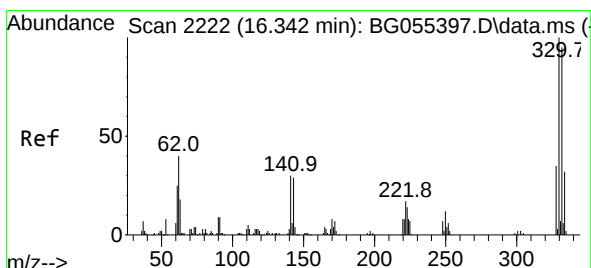
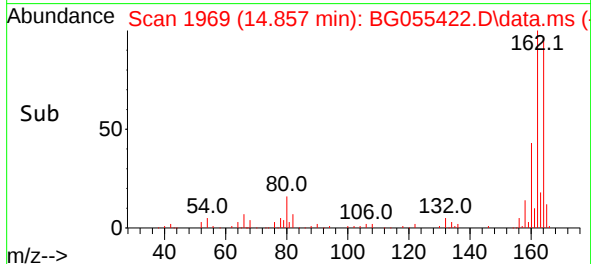
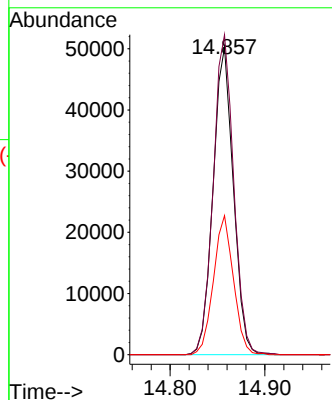
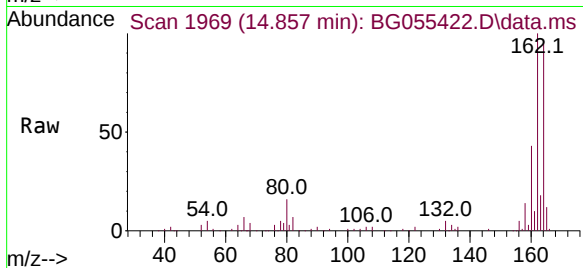




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

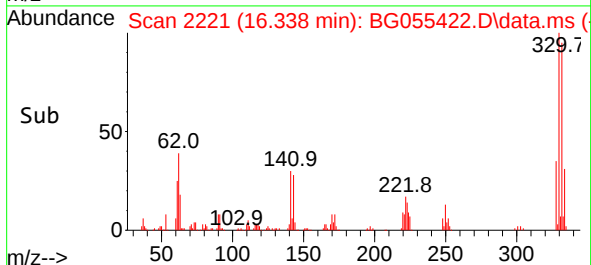
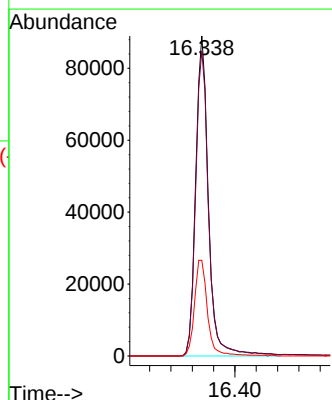
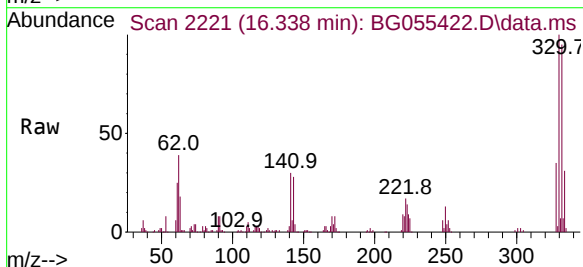
Instrument :
BNA_G
ClientSampleId :
TP-C

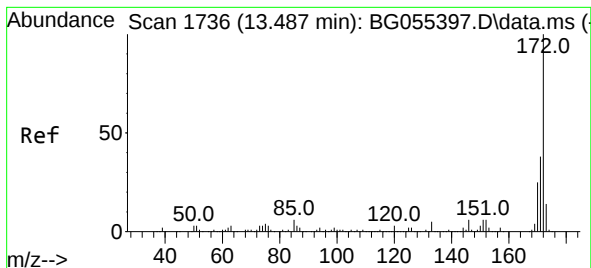
Tgt Ion:164 Resp: 74694
Ion Ratio Lower Upper
164 100
162 104.1 81.1 121.7
160 45.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 145.839 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion:330 Resp: 148587
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 30.5 24.2 36.2

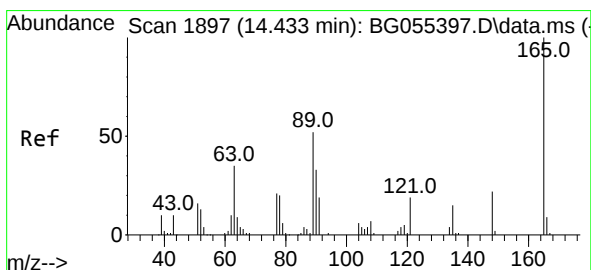
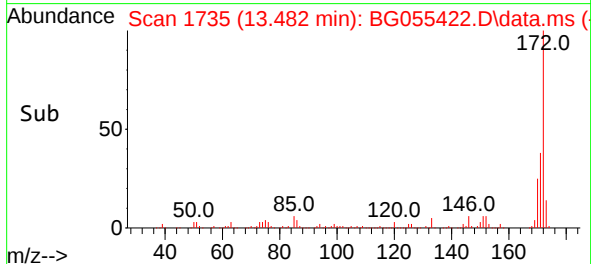
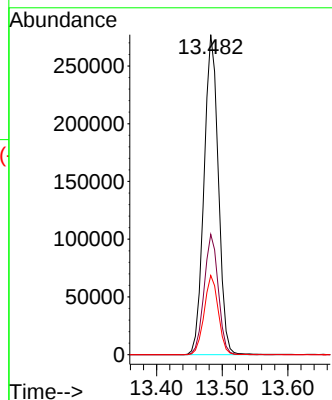
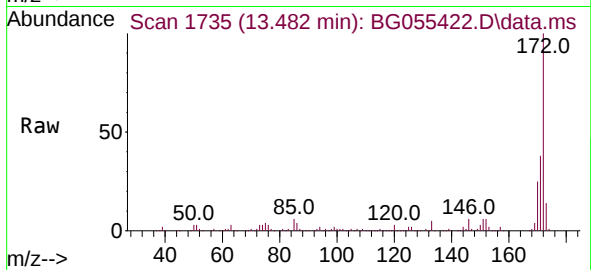




#45
2-Fluorobiphenyl
Concen: 83.802 ng
RT: 13.482 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

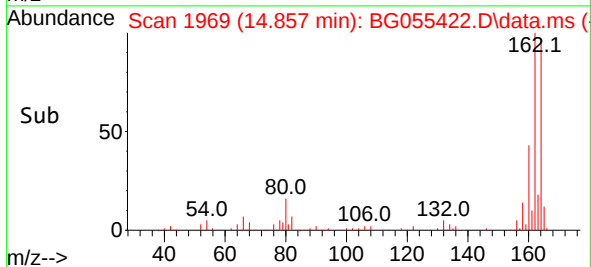
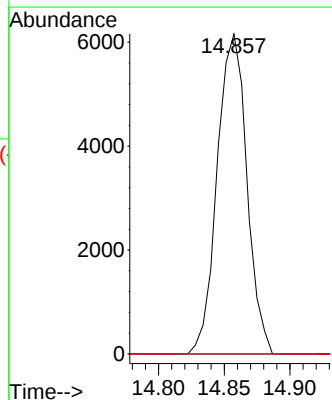
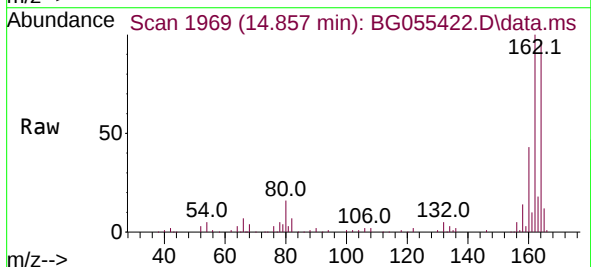
Instrument :
BNA_G
ClientSampleId :
TP-C

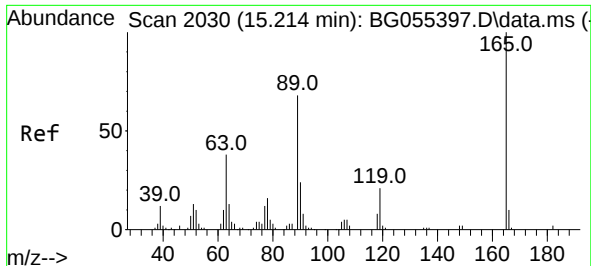
Tgt Ion:172 Resp: 422180
Ion Ratio Lower Upper
172 100
171 37.6 30.2 45.2
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.410 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.424 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion:165 Resp: 9672
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.182 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.357 min

Lab File: BG055422.D

Acq: 2 Nov 2022 19:50

Instrument :

BNA_G

ClientSampleId :

TP-C

Tgt Ion:165 Resp: 9672

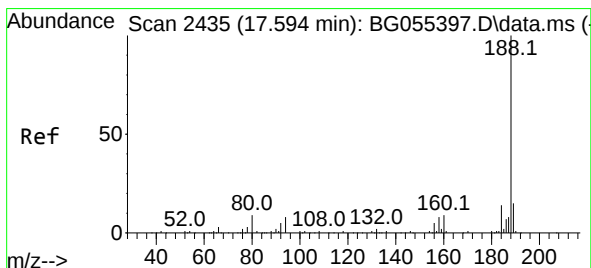
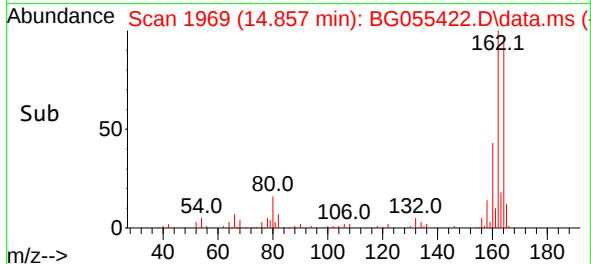
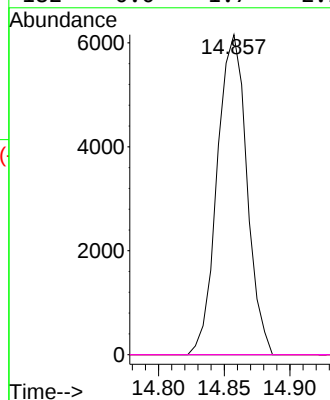
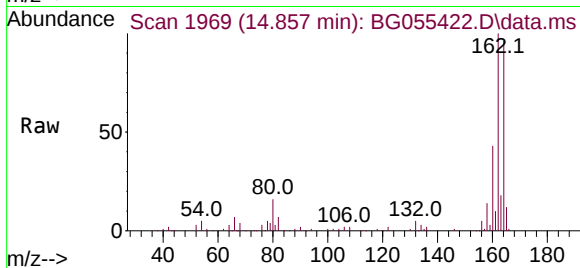
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.589 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BG055422.D

Acq: 2 Nov 2022 19:50

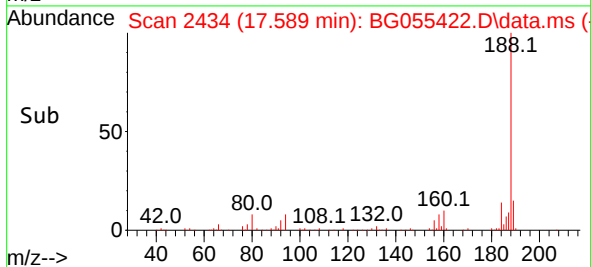
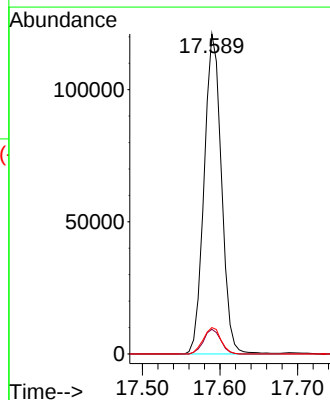
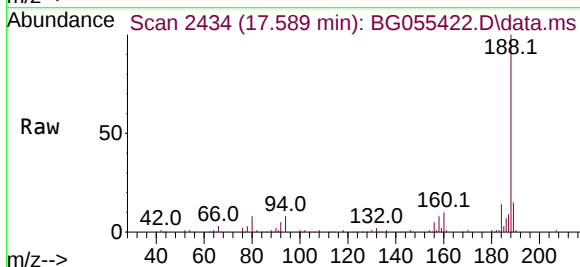
Tgt Ion:188 Resp: 187941

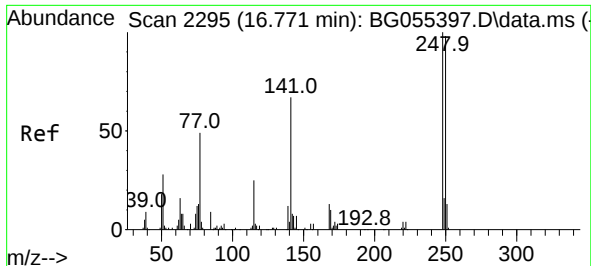
Ion Ratio Lower Upper

188 100

94 7.7 6.5 9.7

80 8.2 7.4 11.0

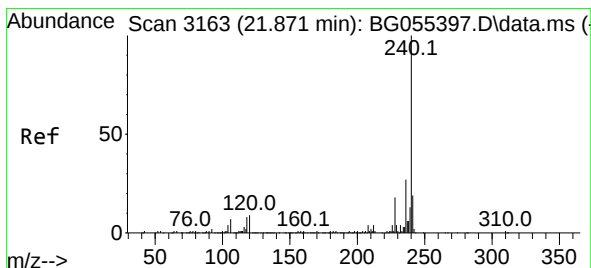
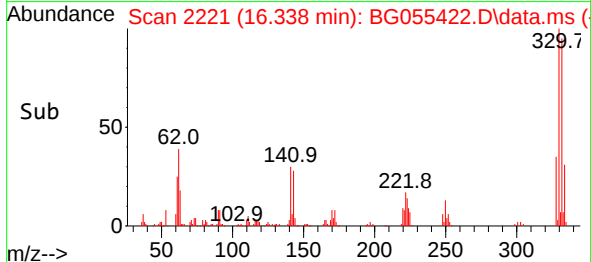
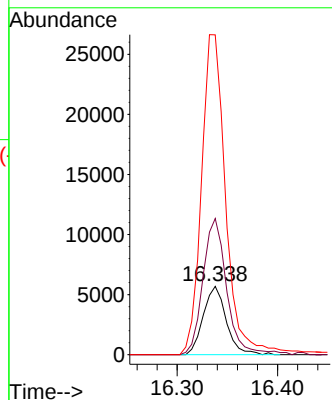
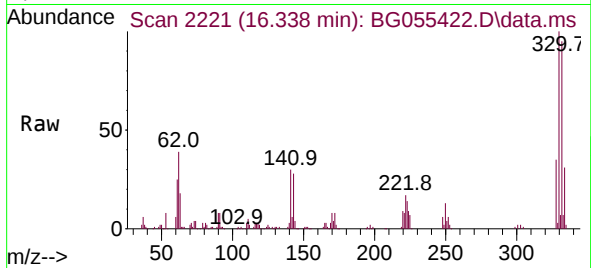




#67
4-Bromophenyl-phenylether
Concen: 4.088 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

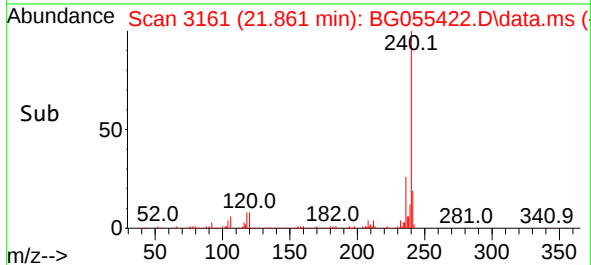
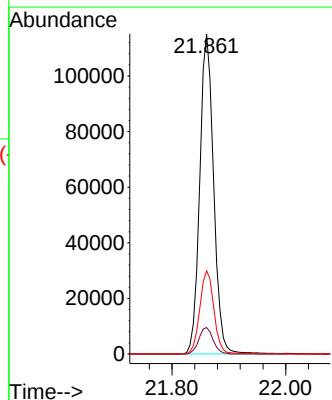
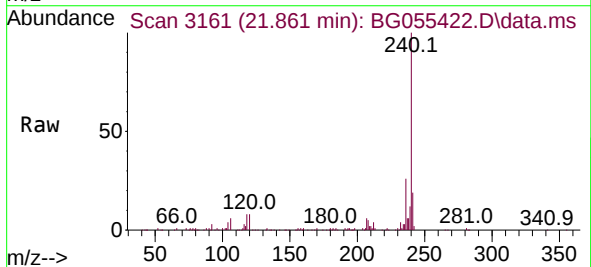
Instrument :
BNA_G
ClientSampleId :
TP-C

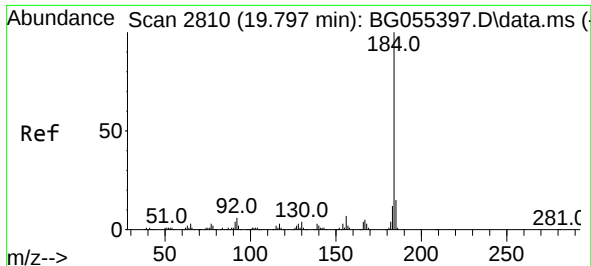
Tgt Ion:248 Resp: 9083
Ion Ratio Lower Upper
248 100
250 199.1 78.3 117.5#
141 467.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.010 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion:240 Resp: 195721
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.0 21.5 32.3

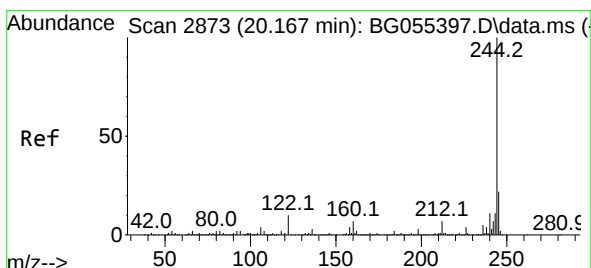
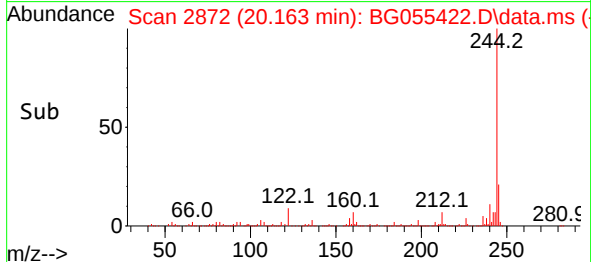
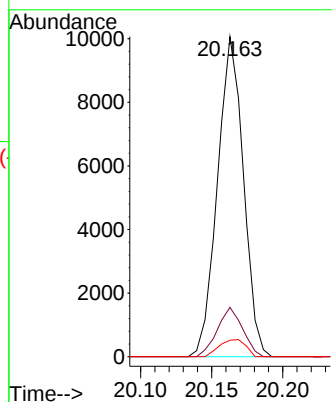
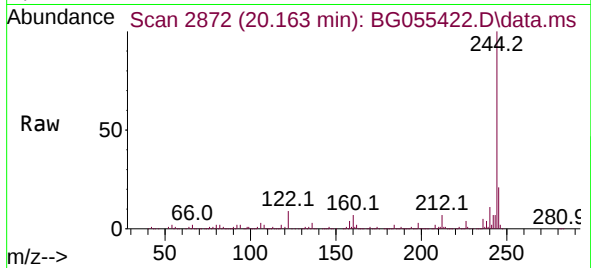




#77
Benzidine
Concen: 3.130 ng
RT: 20.163 min Scan# 2810
Delta R.T. 0.366 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

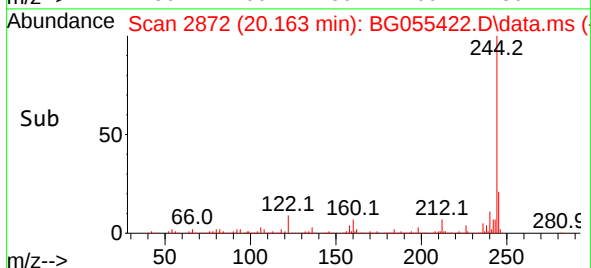
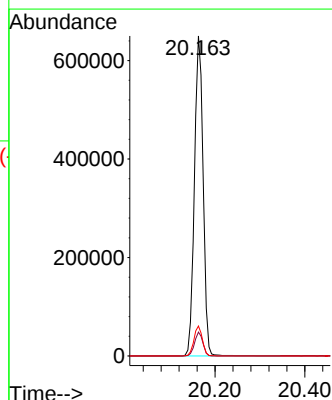
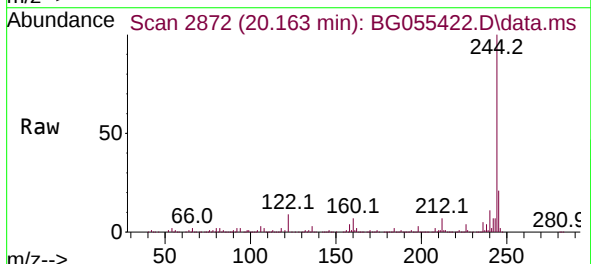
Instrument :
BNA_G
ClientSampleId :
TP-C

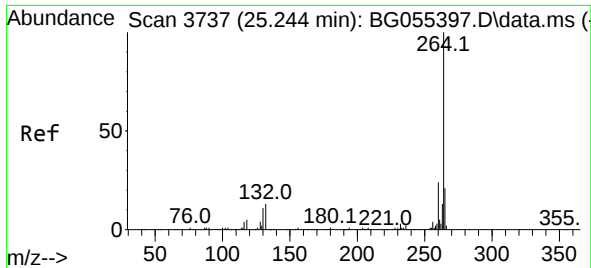
Tgt Ion:184 Resp: 12755
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 5.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 86.664 ng
RT: 20.163 min Scan# 2872
Delta R.T. -0.004 min
Lab File: BG055422.D
Acq: 2 Nov 2022 19:50

Tgt Ion:244 Resp: 872287
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG055422.D
 Acq: 2 Nov 2022 19:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Tgt Ion:264 Resp: 206210
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.1 17.1 25.7

