

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061155.D
 Acq On : 9 May 2024 17:32
 Operator : MA/JU
 Sample : P2390-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-4

Quant Time: May 09 18:15:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

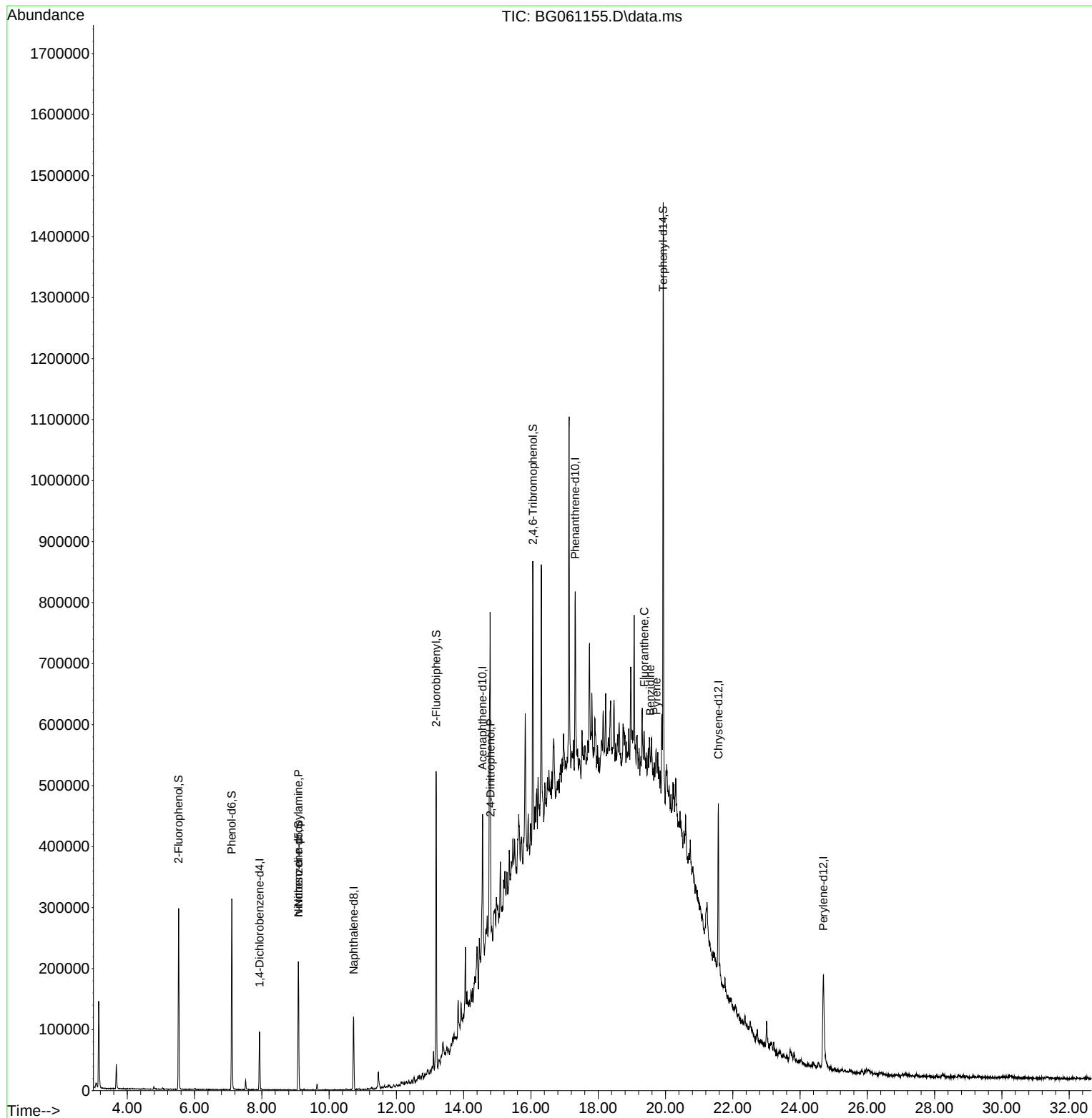
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	25611	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	96022	20.000	ng	#-0.03
39) Acenaphthene-d10	14.563	164	71419	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	158877	20.000	ng	#-0.02
76) Chrysene-d12	21.572	240	168595	20.000	ng	-0.02
86) Perylene-d12	24.692	264	206918	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	104914	83.311	ng	-0.02
7) Phenol-d6	7.107	99	141187	75.788	ng	-0.03
23) Nitrobenzene-d5	9.087	82	106316	54.887	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	102062	71.495	ng	-0.01
45) 2-Fluorobiphenyl	13.182	172	250763	51.920	ng	-0.03
79) Terphenyl-d14	19.933	244	457883	45.169	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.095	77	79	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.087	70	16476	11.818	ng	# 65
54) 2,4-Dinitrophenol	14.804	184	64	2.282	ng	# 40
75) Fluoranthene	19.369	202	23485	2.360	ng	91
77) Benzidine	19.551	184	1945	3.366	ng	# 1
78) Pyrene	19.733	202	25158	2.347	ng	# 91

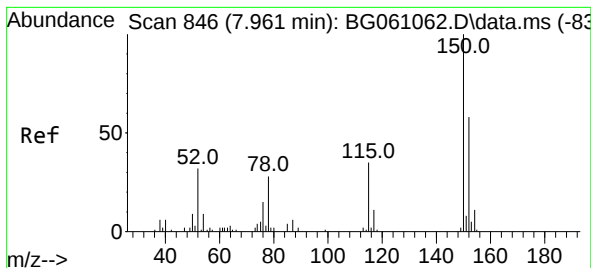
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.935 min Scan# 846

Delta R.T. -0.026 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

PE-4

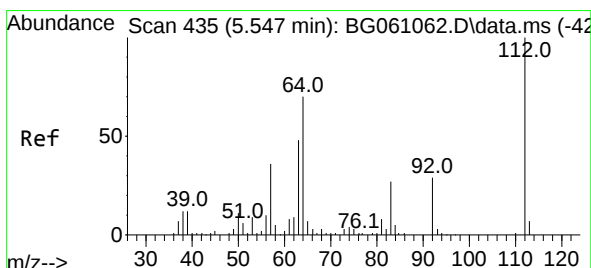
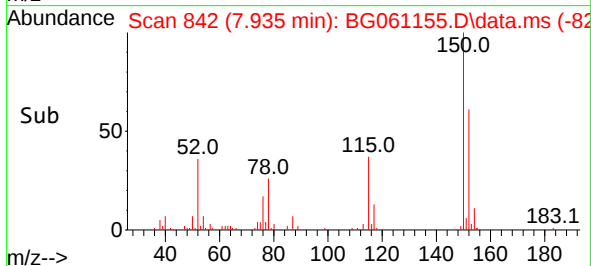
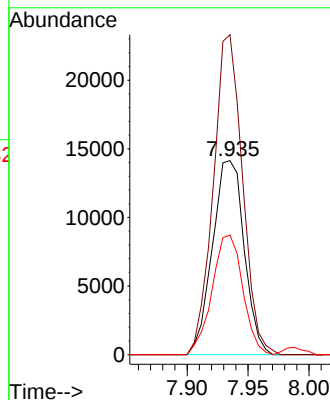
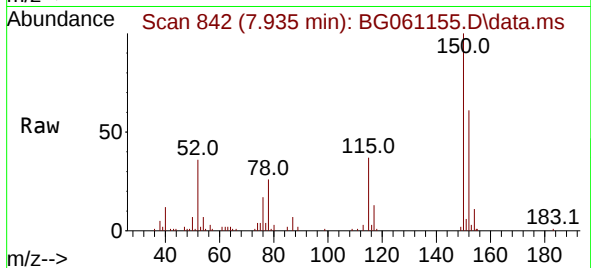
Tgt Ion:152 Resp: 25611

Ion Ratio Lower Upper

152 100

150 164.8 138.3 207.5

115 61.7 48.0 72.0



#5

2-Fluorophenol

Concen: 83.311 ng

RT: 5.526 min Scan# 432

Delta R.T. -0.020 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

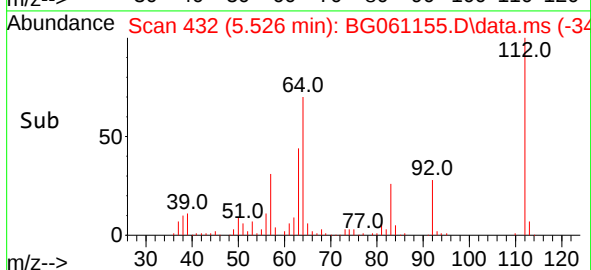
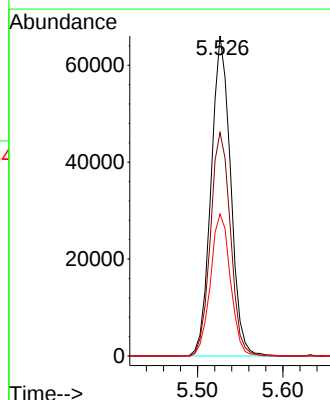
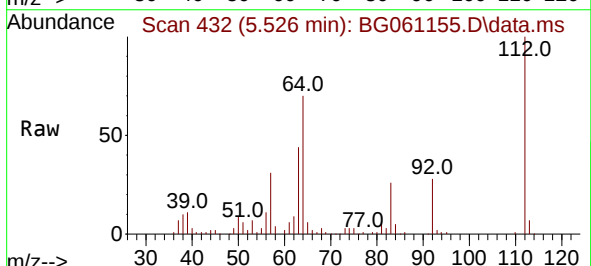
Tgt Ion:112 Resp: 104914

Ion Ratio Lower Upper

112 100

64 69.8 55.7 83.5

63 44.3 38.1 57.1

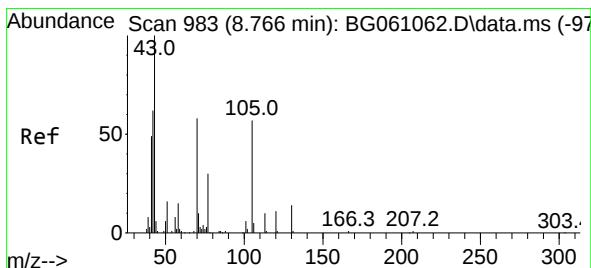
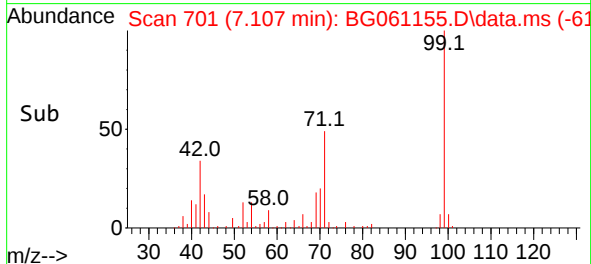
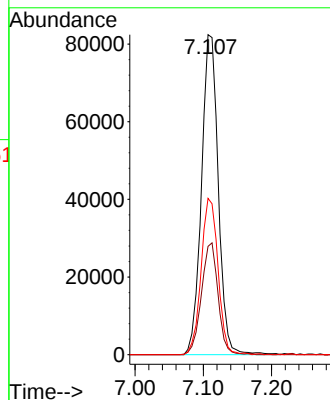
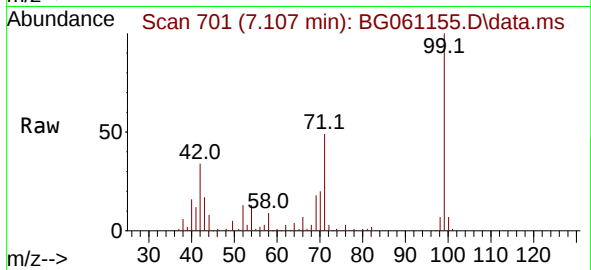




#7
Phenol-d6
Concen: 75.788 ng
RT: 7.107 min Scan# 70
Delta R.T. -0.026 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

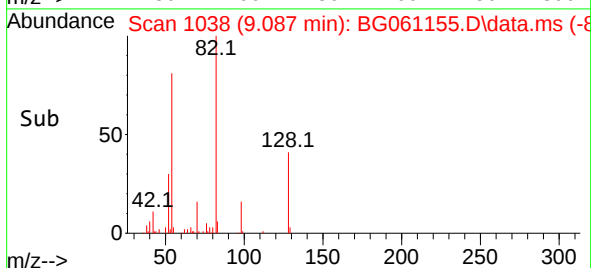
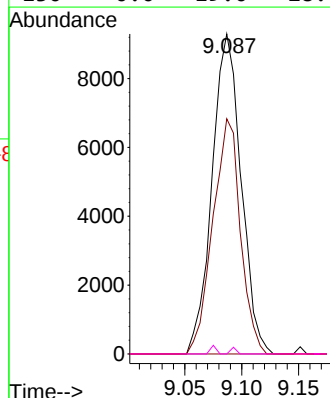
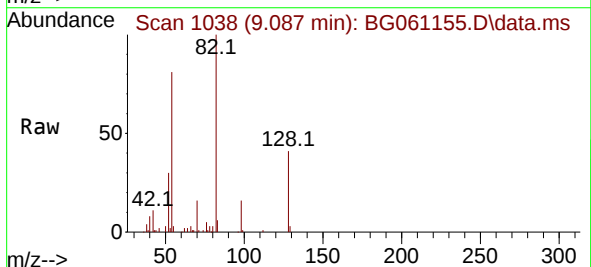
Instrument :
BNA_G
ClientSampleId :
PE-4

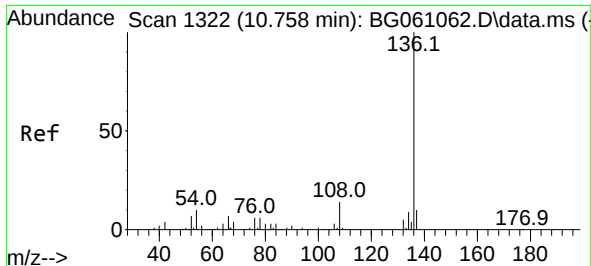
Tgt Ion: 99 Resp: 141187
Ion Ratio Lower Upper
99 100
42 33.8 29.2 43.8
71 48.8 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.818 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.320 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

Tgt Ion: 70 Resp: 16476
Ion Ratio Lower Upper
70 100
42 73.5 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#

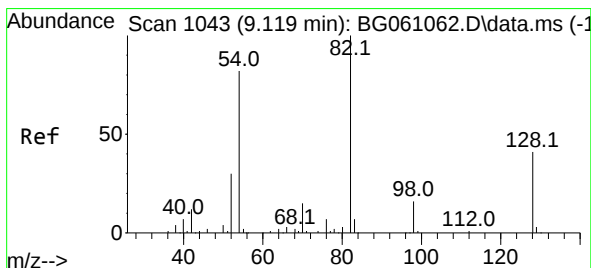
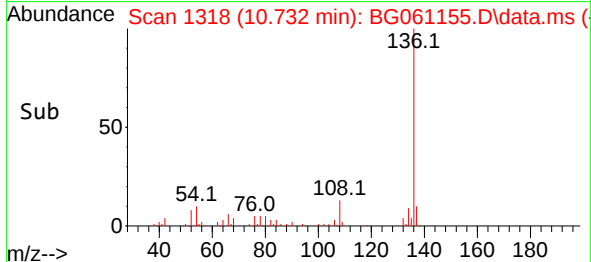
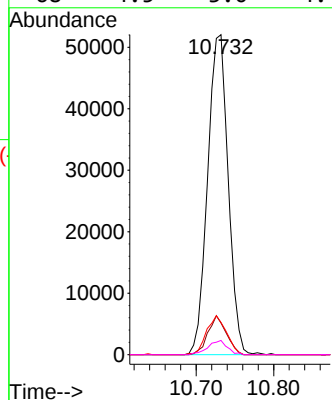
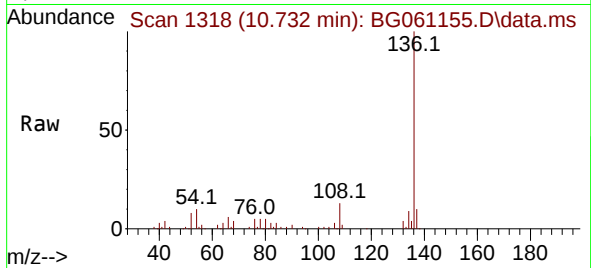




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

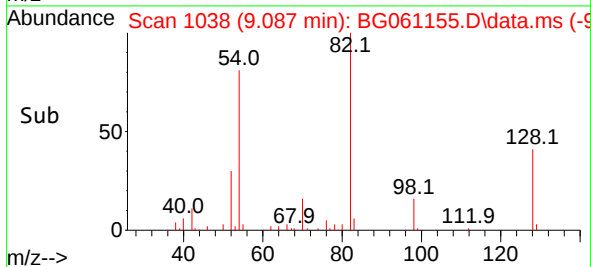
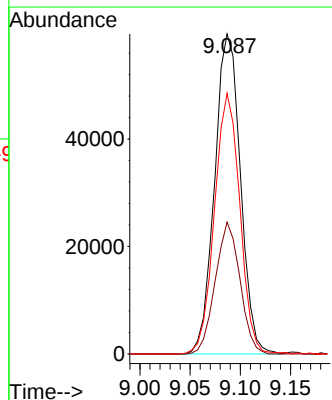
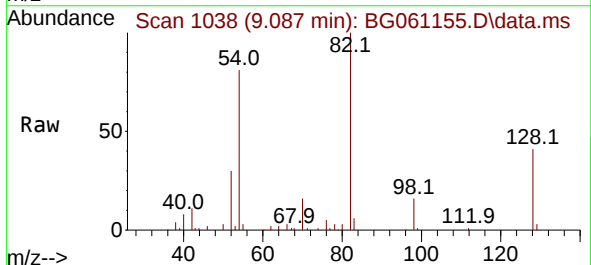
Instrument :
BNA_G
ClientSampleId :
PE-4

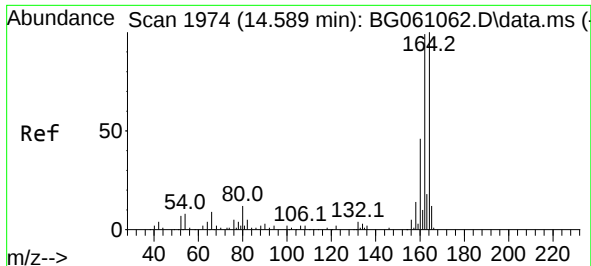
Tgt Ion:	136	Resp:	96022
Ion Ratio	Lower	Upper	
136	100		
137	9.9	7.8	11.6
54	10.0	8.1	12.1
68	4.5	3.0	4.4



#23
Nitrobenzene-d5
Concen: 54.887 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

Tgt Ion:	82	Resp:	106316
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.7	49.1
54	81.4	65.6	98.4

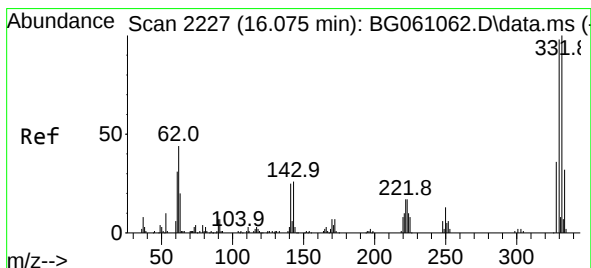
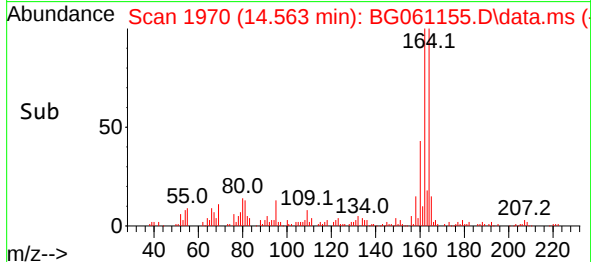
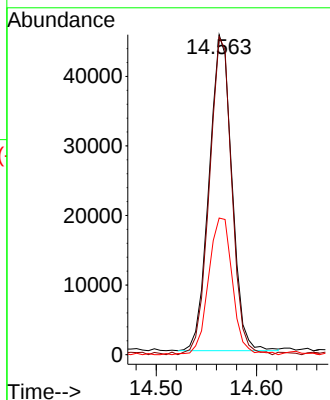
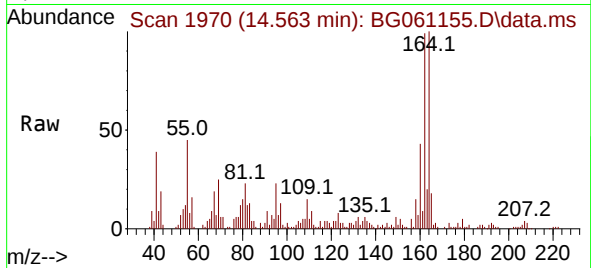




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

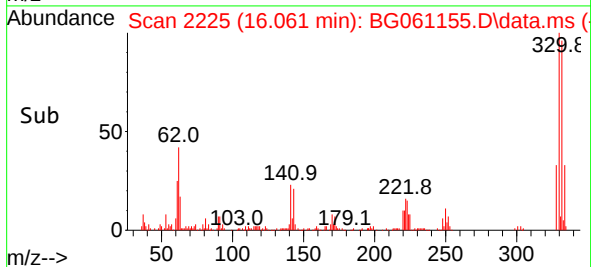
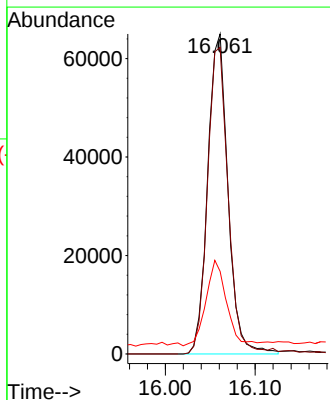
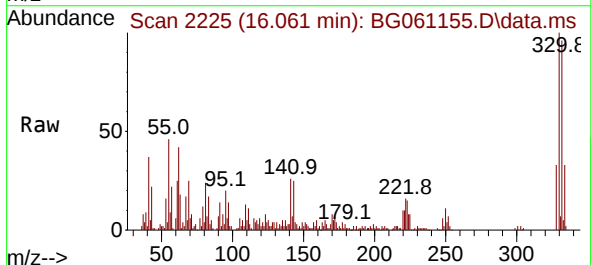
Instrument :
BNA_G
ClientSampleId :
PE-4

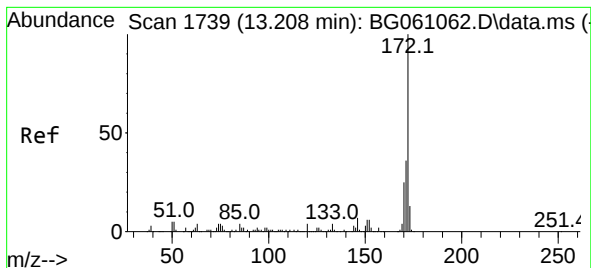
Tgt Ion:164 Resp: 71419
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 42.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 71.495 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.014 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

Tgt Ion:330 Resp: 102062
Ion Ratio Lower Upper
330 100
332 98.0 78.6 117.8
141 27.3 20.5 30.7





#45

2-Fluorobiphenyl

Concen: 51.920 ng

RT: 13.182 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

PE-4

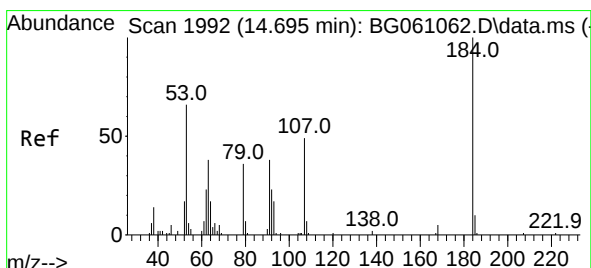
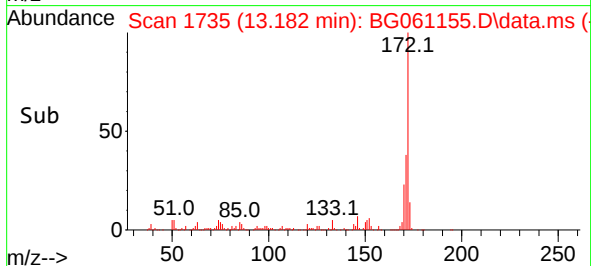
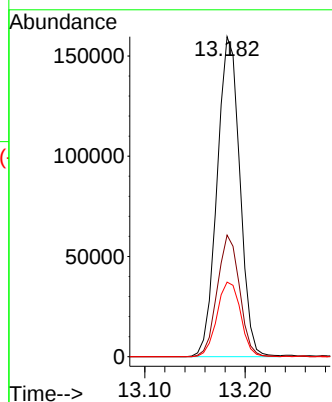
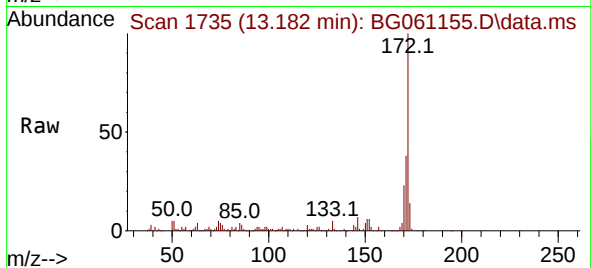
Tgt Ion:172 Resp: 250763

Ion Ratio Lower Upper

172 100

171 38.0 29.0 43.6

170 23.3 20.2 30.4



#54

2,4-Dinitrophenol

Concen: 2.282 ng

RT: 14.804 min Scan# 2011

Delta R.T. 0.109 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

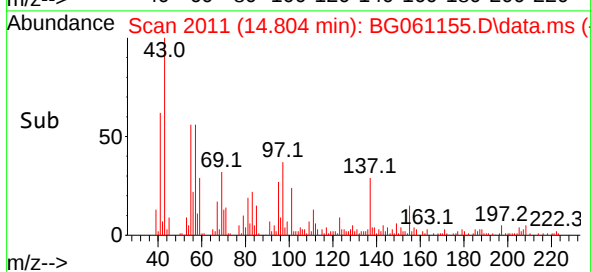
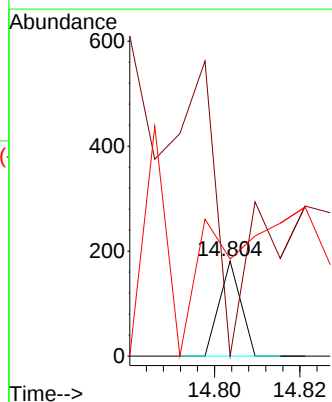
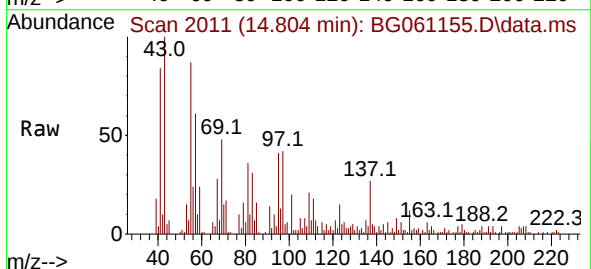
Tgt Ion:184 Resp: 64

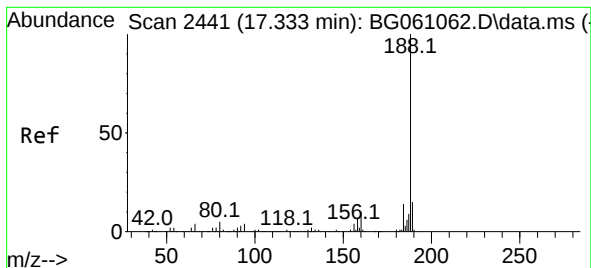
Ion Ratio Lower Upper

184 100

63 0.0 62.6 93.8#

154 102.2 61.4 92.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 24

Delta R.T. -0.020 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

PE-4

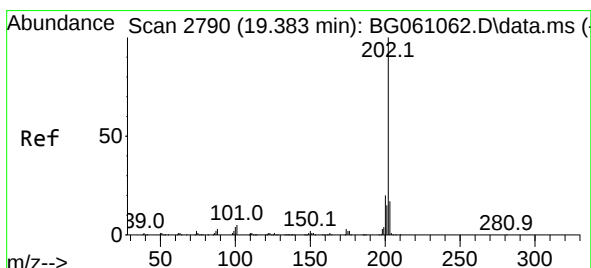
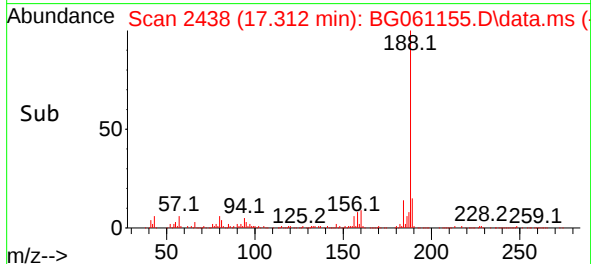
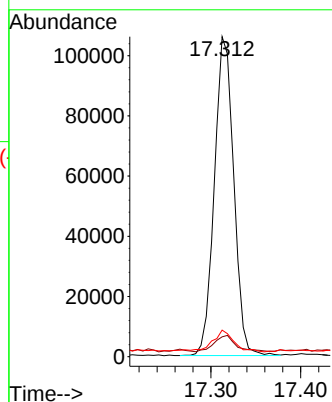
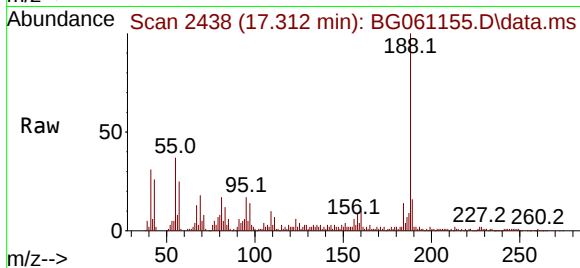
Tgt Ion:188 Resp: 158877

Ion Ratio Lower Upper

188 100

94 6.2 3.6 5.4#

80 8.3 4.2 6.2#



#75

Fluoranthene

Concen: 2.360 ng

RT: 19.369 min Scan# 2788

Delta R.T. -0.014 min

Lab File: BG061155.D

Acq: 9 May 2024 17:32

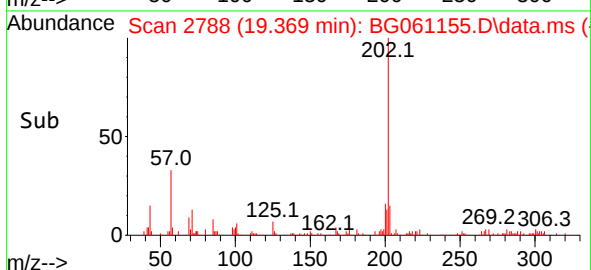
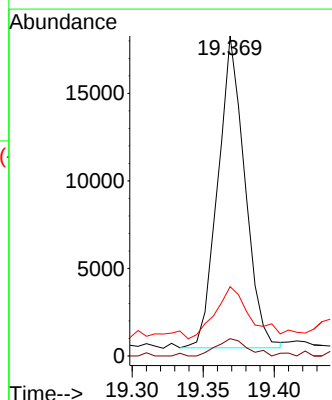
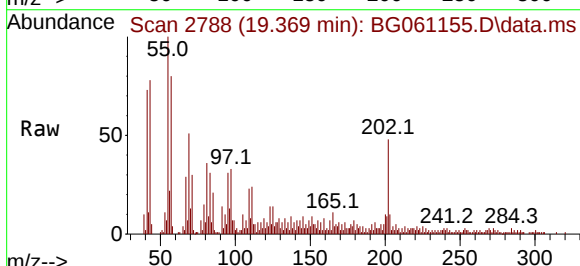
Tgt Ion:202 Resp: 23485

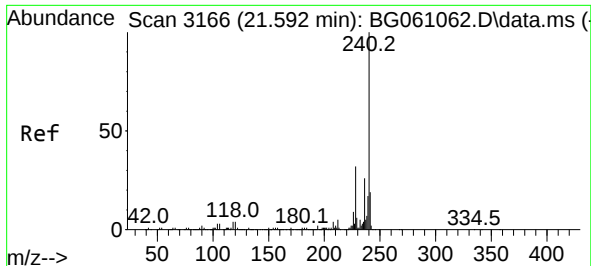
Ion Ratio Lower Upper

202 100

101 5.4 0.0 24.7

203 21.7 0.0 37.1

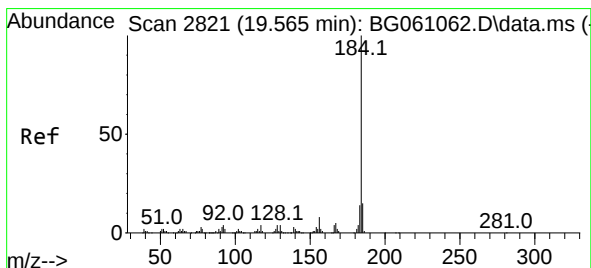
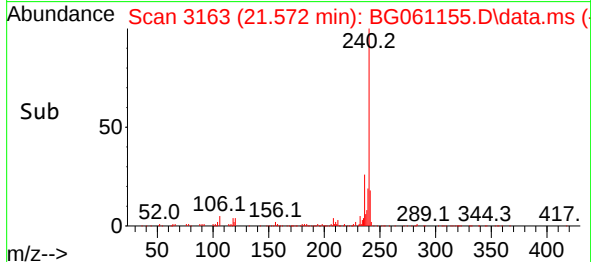
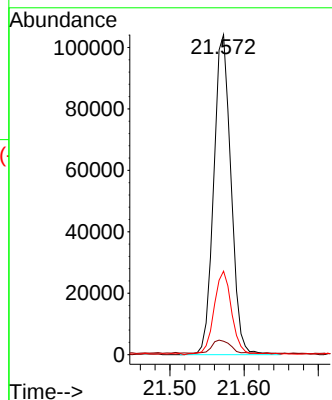
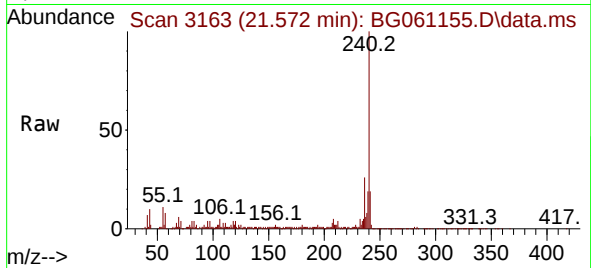




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

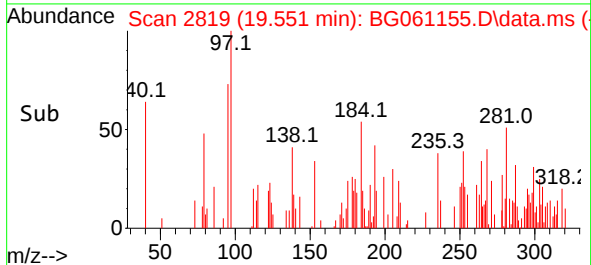
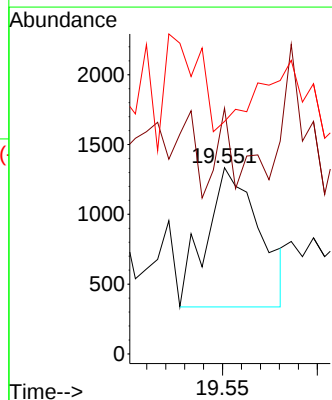
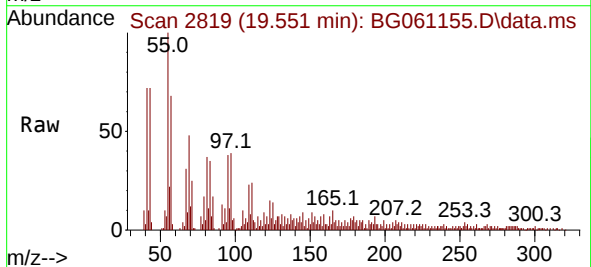
Instrument :
BNA_G
ClientSampleId :
PE-4

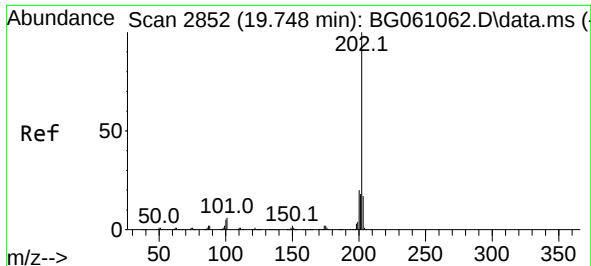
Tgt Ion:240 Resp: 168595
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.1 21.0 31.6



#77
Benzidine
Concen: 3.366 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.014 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

Tgt Ion:184 Resp: 1945
Ion Ratio Lower Upper
184 100
185 131.9 12.0 18.0#
183 124.8 10.9 16.3#

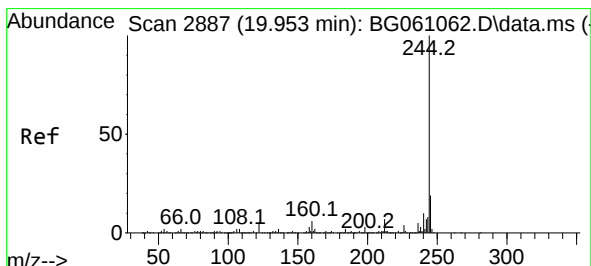
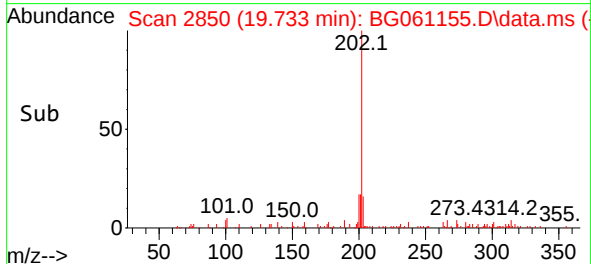
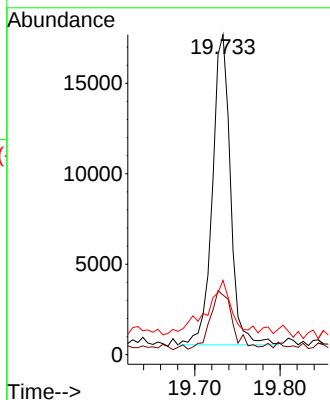
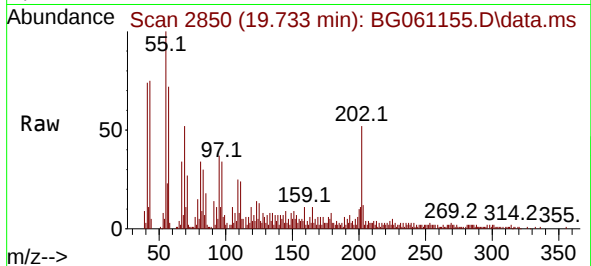




#78
 Pyrene
 Concen: 2.347 ng
 RT: 19.733 min Scan# 2850
 Delta R.T. -0.014 min
 Lab File: BG061155.D
 Acq: 9 May 2024 17:32

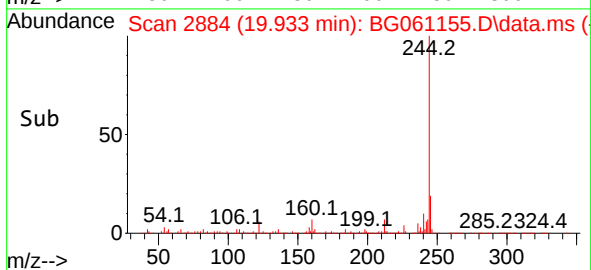
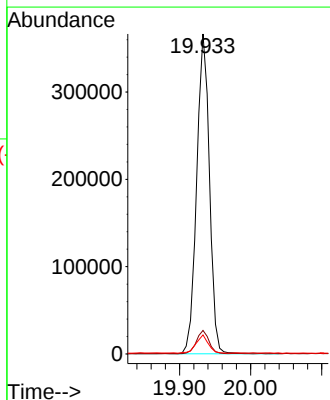
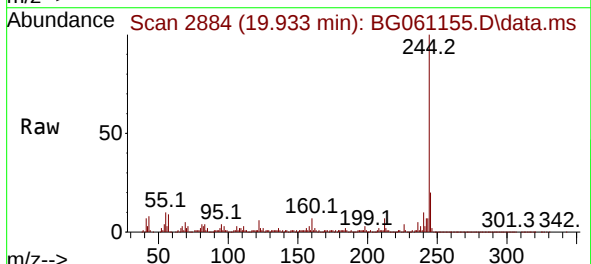
Instrument :
 BNA_G
 ClientSampleId :
 PE-4

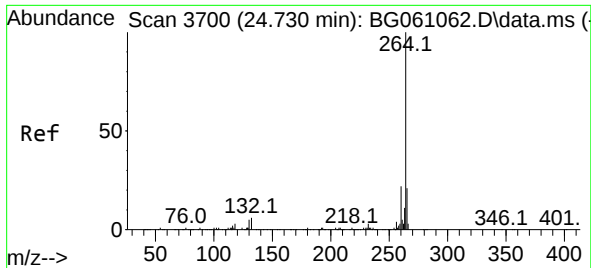
Tgt Ion:202 Resp: 25158
 Ion Ratio Lower Upper
 202 100
 200 18.6 16.2 24.4
 203 23.2 13.3 19.9#



#79
 Terphenyl-d14
 Concen: 45.169 ng
 RT: 19.933 min Scan# 2884
 Delta R.T. -0.020 min
 Lab File: BG061155.D
 Acq: 9 May 2024 17:32

Tgt Ion:244 Resp: 457883
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 6.0 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 30
Delta R.T. -0.038 min
Lab File: BG061155.D
Acq: 9 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
PE-4

Tgt Ion:264 Resp: 206918

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	20.7	16.4	24.6

