

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058610.D
 Acq On : 4 Aug 2023 14:07
 Operator : MA/JU
 Sample : 03887-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MCLEAN-TP9

Quant Time: Aug 04 14:42:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

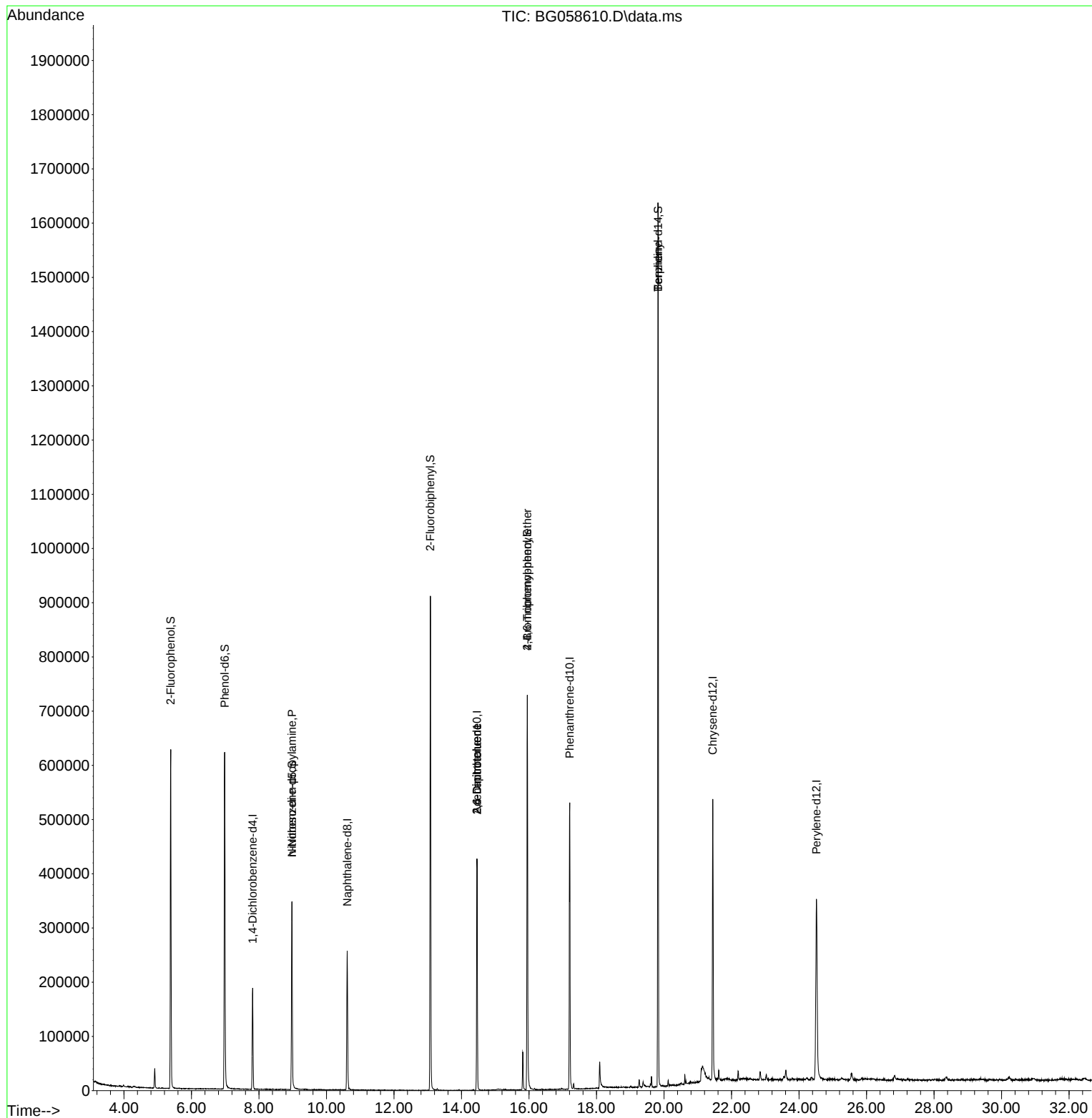
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	53265	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	226160	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	157072	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	353383	20.000	ng	0.00
76) Chrysene-d12	21.443	240	312184	20.000	ng	0.00
86) Perylene-d12	24.516	264	382563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	269048	77.204	ng	0.00
7) Phenol-d6	6.983	99	384365	79.264	ng	0.00
23) Nitrobenzene-d5	8.975	82	222110	48.246	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	172513	67.008	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	530404	50.605	ng	0.00
79) Terphenyl-d14	19.827	244	900041	54.216	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.975	70	27579	8.805	ng	# 81
51) 2,6-Dinitrotoluene	14.457	165	20174	7.794	ng	# 25
57) 2,4-Dinitrotoluene	14.457	165	20174	5.622	ng	# 25
67) 4-Bromophenyl-phenylether	15.949	248	10368	2.587	ng	# 1
77) Benzidine	19.821	184	10535	2.225	ng	# 91

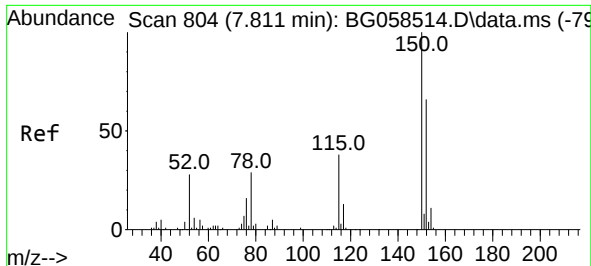
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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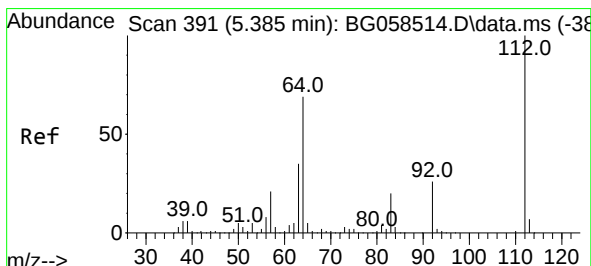
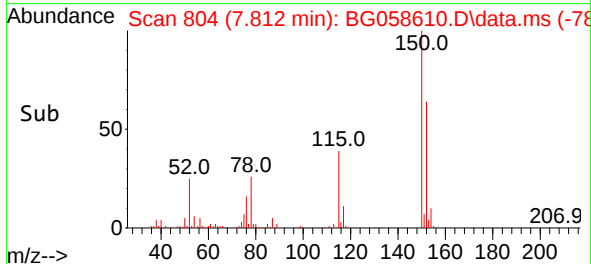
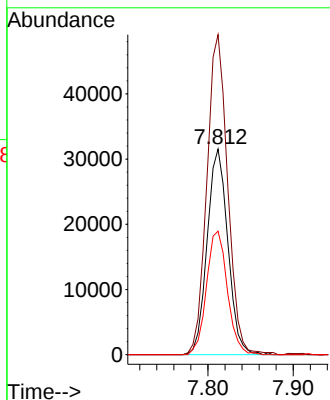
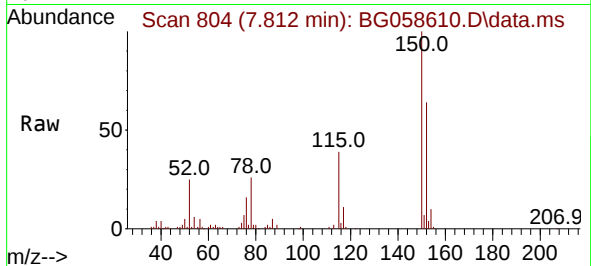




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

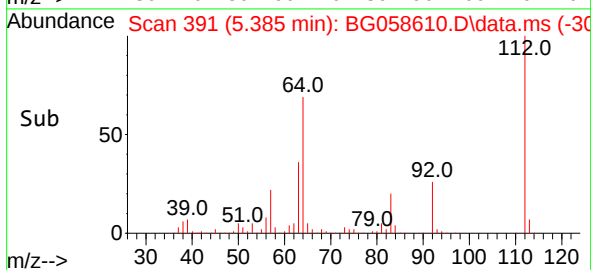
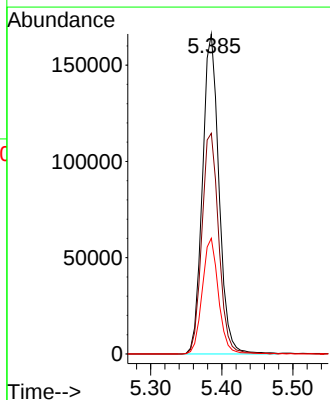
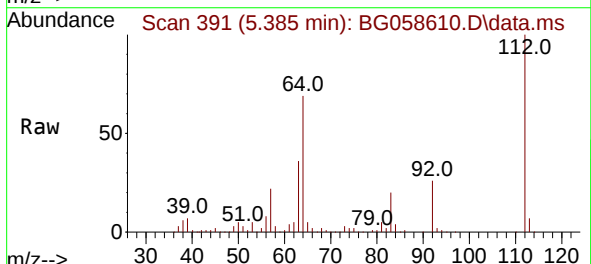
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

Tgt Ion:152 Resp: 53265
Ion Ratio Lower Upper
152 100
150 155.6 120.5 180.7
115 60.1 45.9 68.9



#5
2-Fluorophenol
Concen: 77.204 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

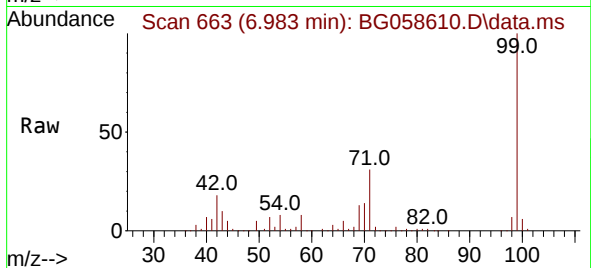
Tgt Ion:112 Resp: 269048
Ion Ratio Lower Upper
112 100
64 68.9 55.3 82.9
63 36.2 28.3 42.5



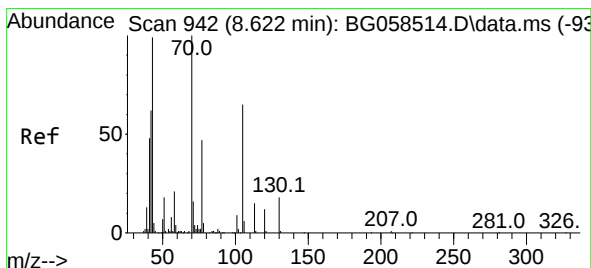
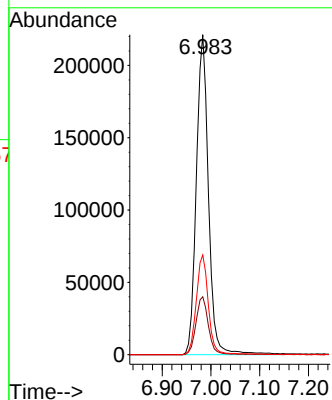
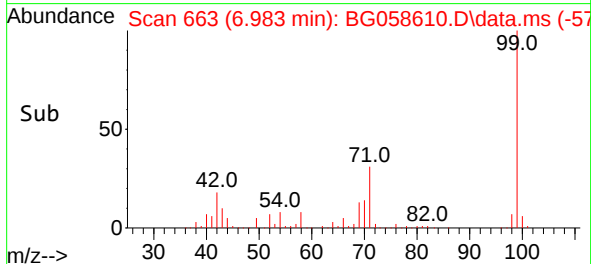


#7
Phenol-d6
Concen: 79.264 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

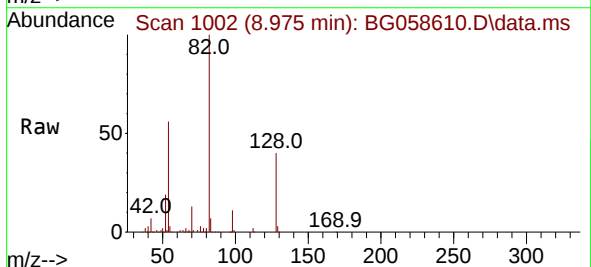
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9



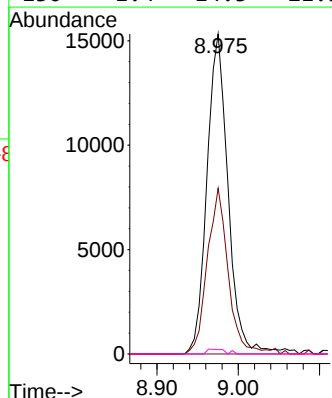
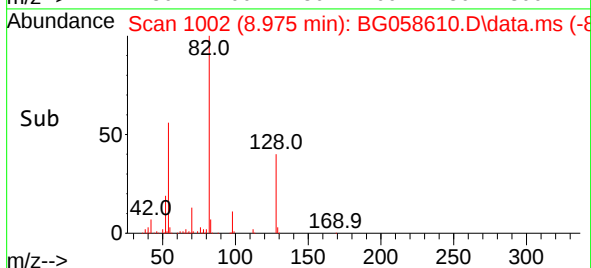
Tgt Ion: 99 Resp: 384365
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 31.2 25.0 37.4

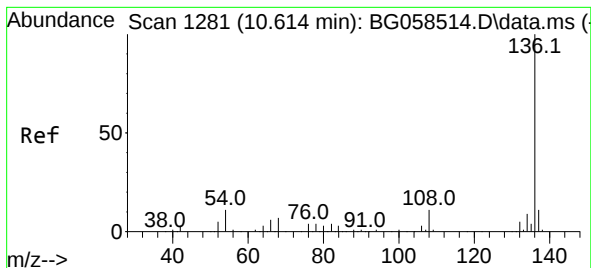


#19
n-Nitroso-di-n-propylamine
Concen: 8.805 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07



Tgt Ion: 70 Resp: 27579
Ion Ratio Lower Upper
70 100
42 51.8 49.7 74.5
101 0.0 7.0 10.4#
130 1.4 14.3 21.5#

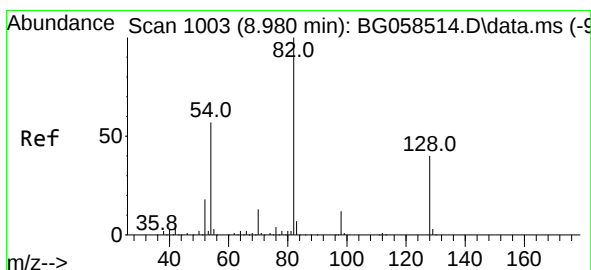
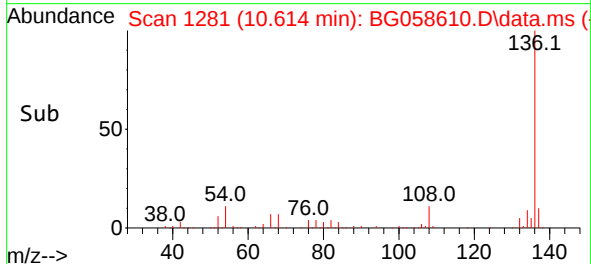
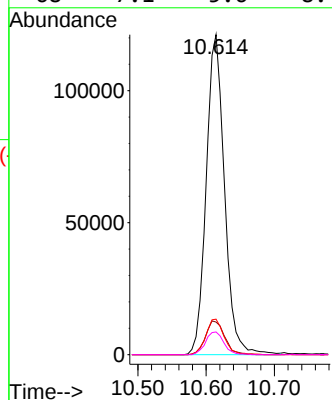
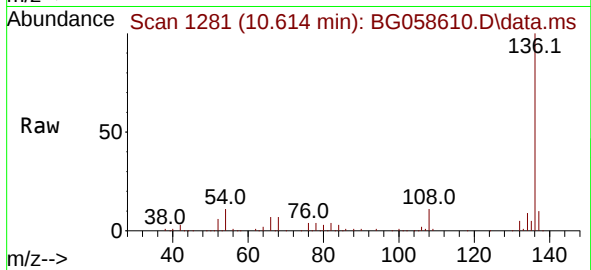




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

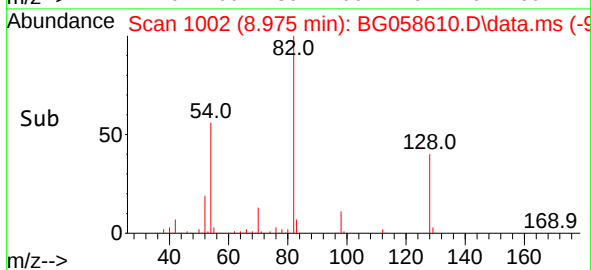
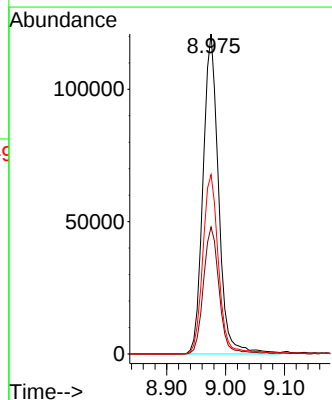
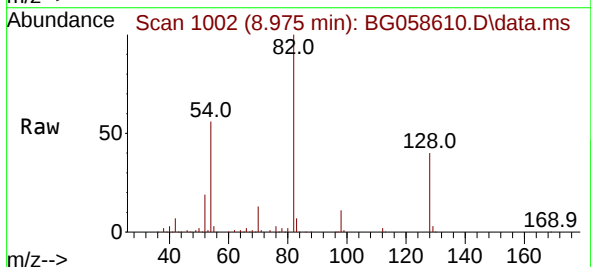
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

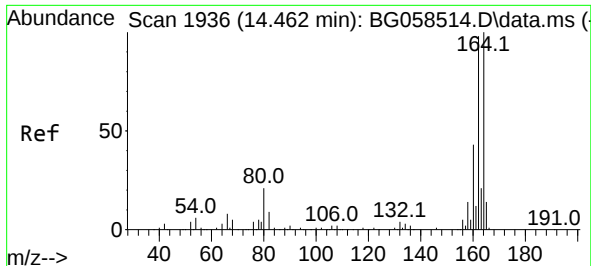
Tgt Ion:	136	Resp:	226160
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	11.1	8.9	13.3
68	7.1	5.6	8.4



#23
Nitrobenzene-d5
Concen: 48.246 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion:	82	Resp:	222110
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.2
54	56.0	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058610.D

Acq: 4 Aug 2023 14:07

Instrument :

BNA_G

ClientSampleId :

MCLEAN-TP9

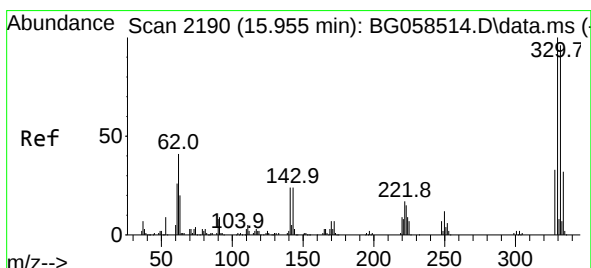
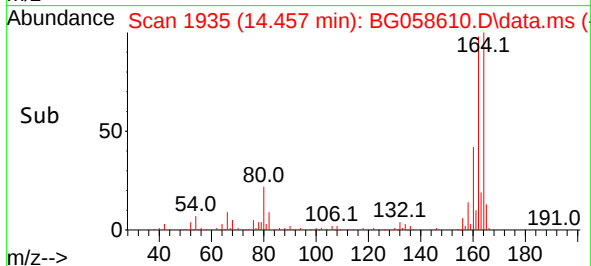
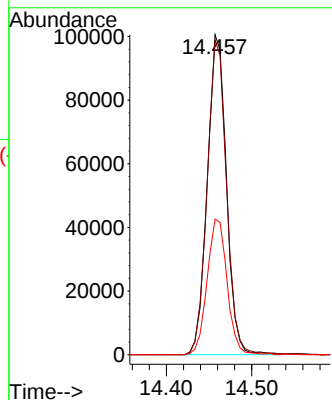
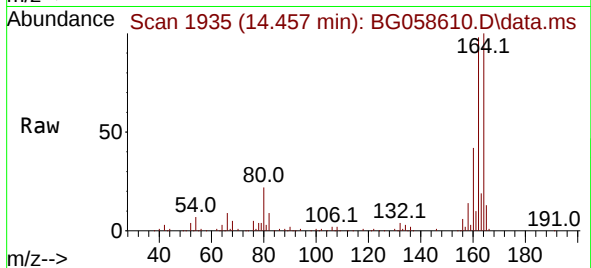
Tgt Ion:164 Resp: 157072

Ion Ratio Lower Upper

164 100

162 98.3 78.3 117.5

160 42.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 67.008 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058610.D

Acq: 4 Aug 2023 14:07

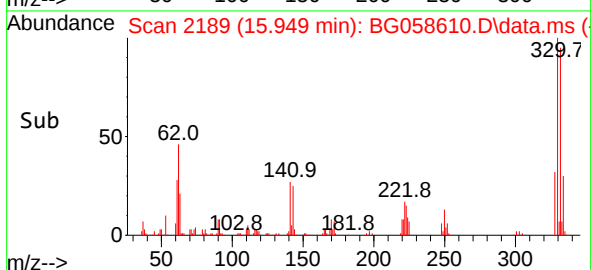
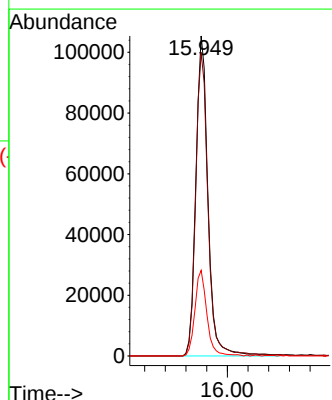
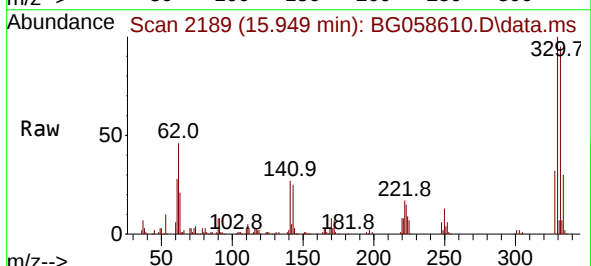
Tgt Ion:330 Resp: 172513

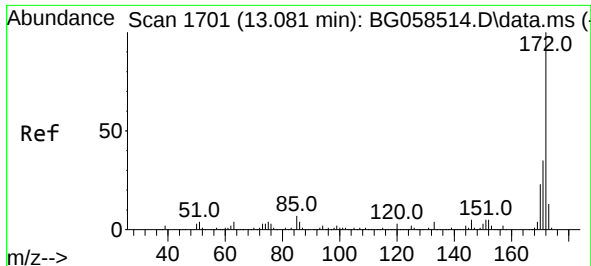
Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 26.2 20.7 31.1

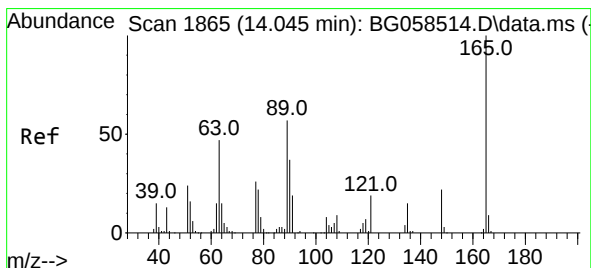
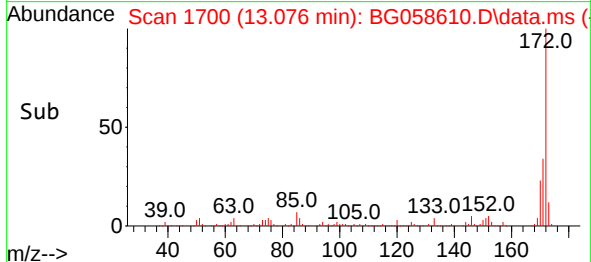
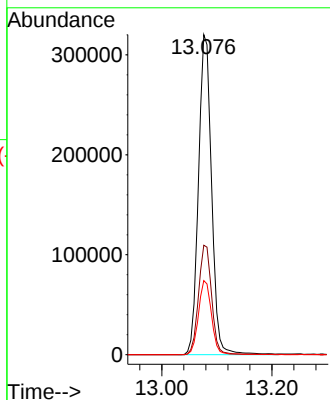
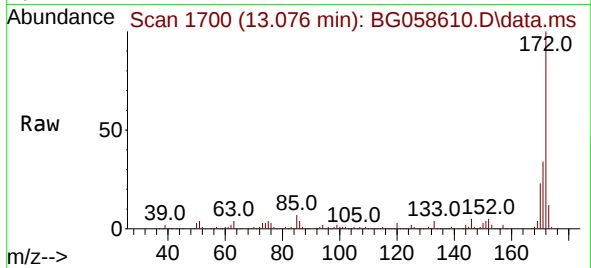




#45
2-Fluorobiphenyl
Concen: 50.605 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

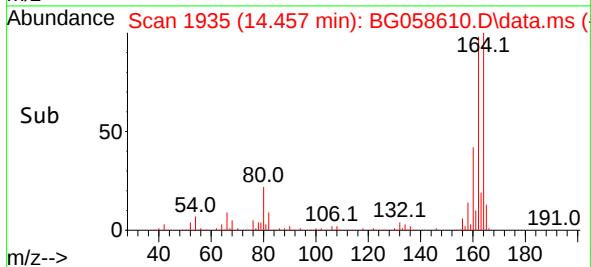
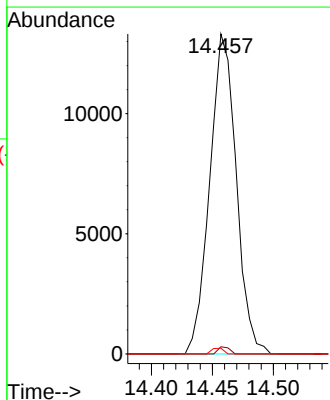
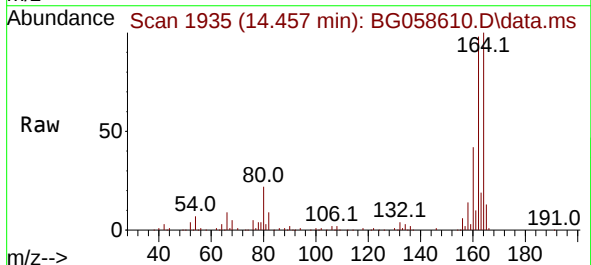
Instrument :
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MCLEAN-TP9

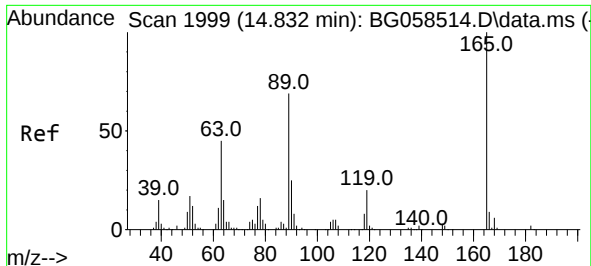
Tgt Ion:172 Resp: 530404
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.794 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion:165 Resp: 20174
Ion Ratio Lower Upper
165 100
63 2.2 46.4 69.6#
89 1.8 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.622 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058610.D

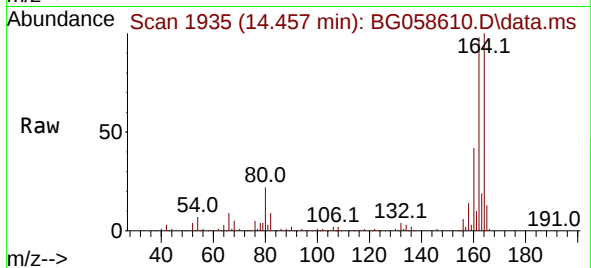
Acq: 4 Aug 2023 14:07

Instrument :

BNA_G

ClientSampleId :

MCLEAN-TP9



Tgt Ion:165 Resp: 20174

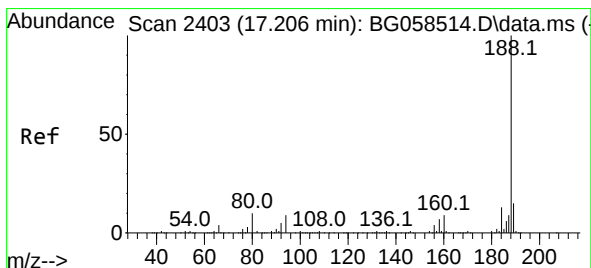
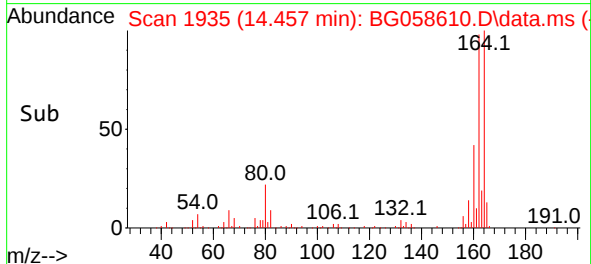
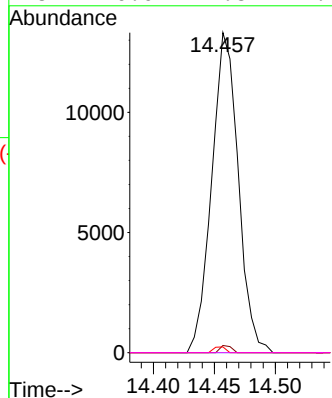
Ion Ratio Lower Upper

165 100

63 2.2 36.6 54.8#

89 1.8 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058610.D

Acq: 4 Aug 2023 14:07

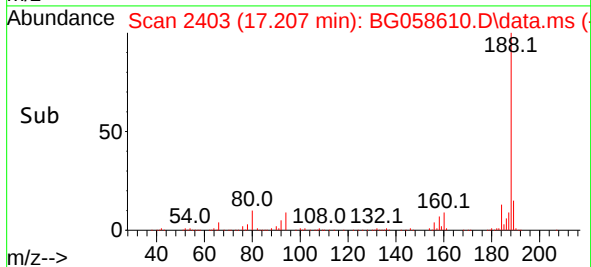
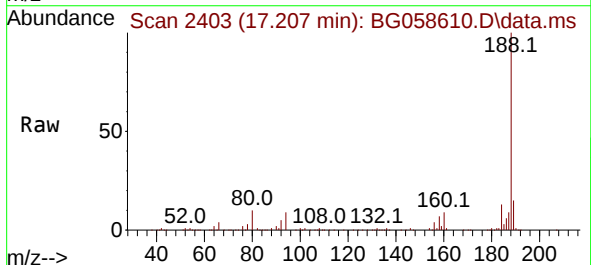
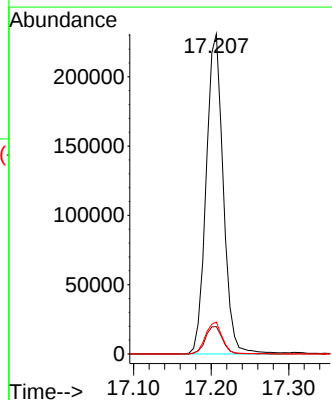
Tgt Ion:188 Resp: 353383

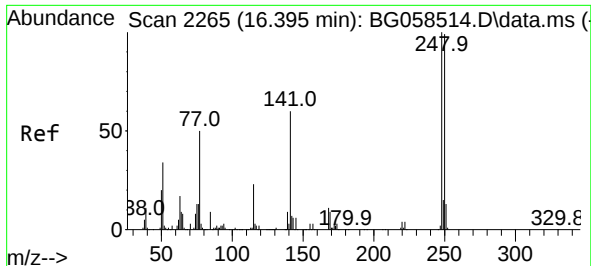
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 10.0 8.1 12.1

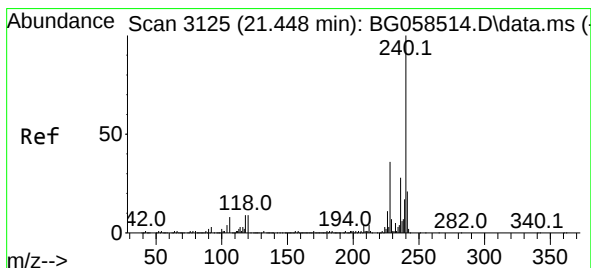
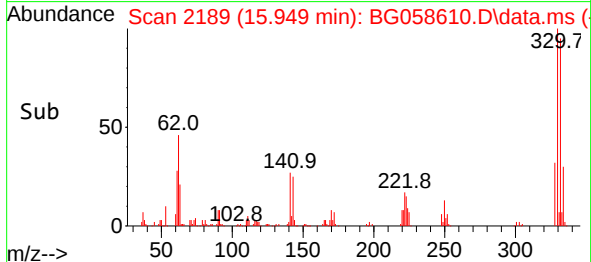
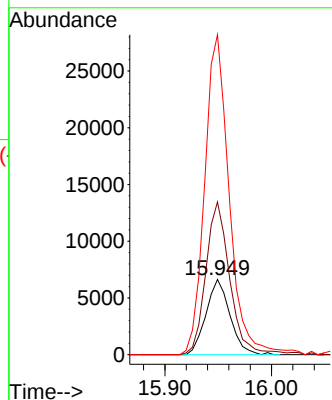
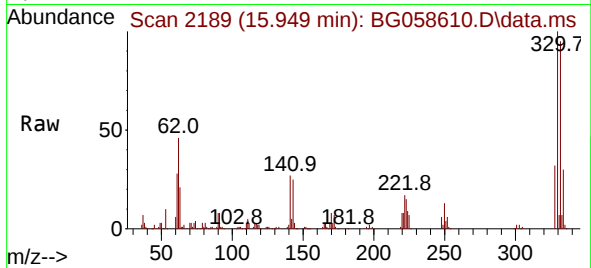




#67
4-Bromophenyl-phenylether
Concen: 2.587 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

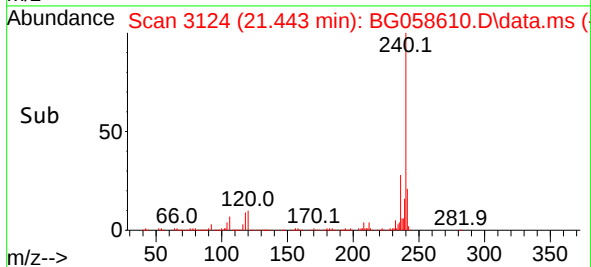
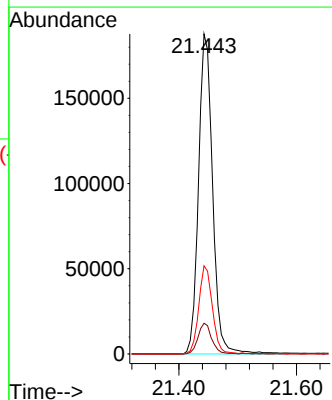
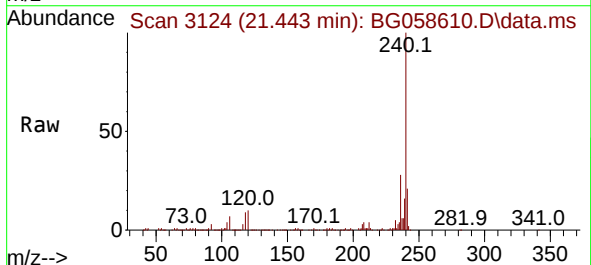
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

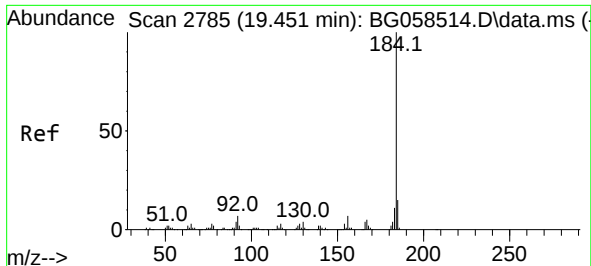
Tgt Ion:248 Resp: 10368
Ion Ratio Lower Upper
248 100
250 203.2 79.5 119.3#
141 425.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion:240 Resp: 312184
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 27.5 22.2 33.4

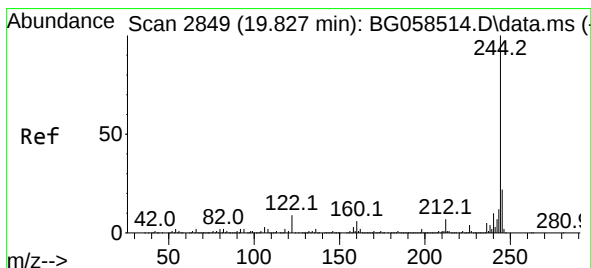
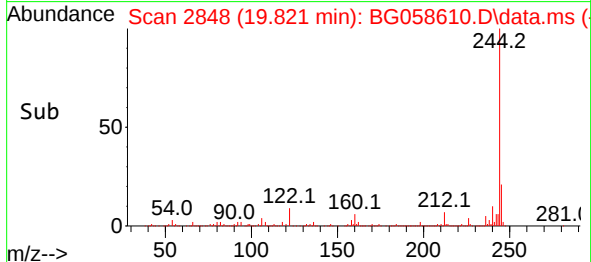
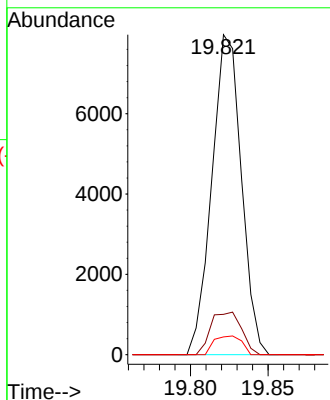
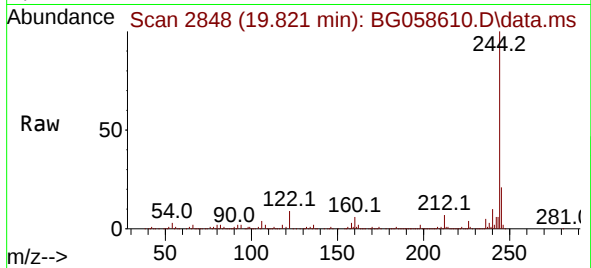




#77
Benzidine
Concen: 2.225 ng
RT: 19.821 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

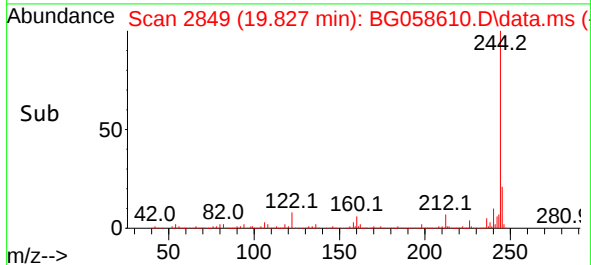
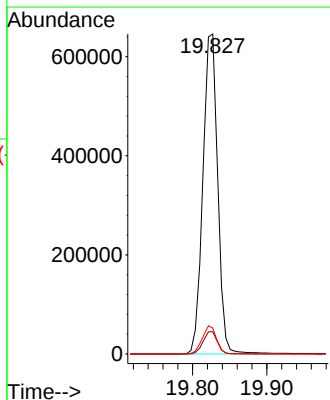
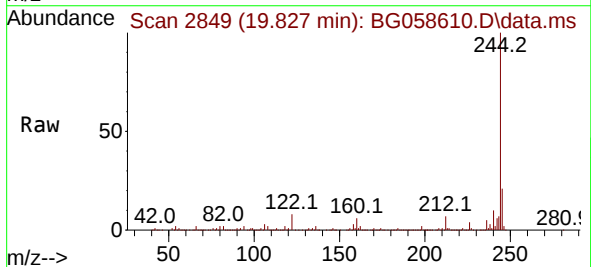
Instrument :
BNA_G
ClientSampleId :
MCLEAN-TP9

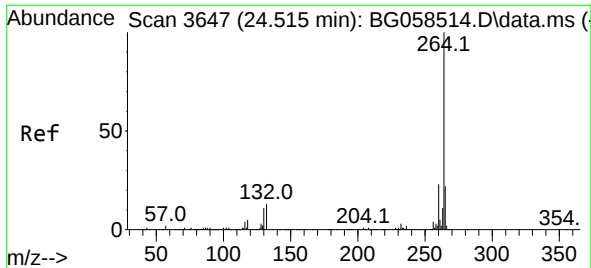
Tgt Ion:184 Resp: 10535
Ion Ratio Lower Upper
184 100
185 12.6 11.9 17.9
183 5.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 54.216 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058610.D
Acq: 4 Aug 2023 14:07

Tgt Ion:244 Resp: 900041
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058610.D
 Acq: 4 Aug 2023 14:07

Instrument :
 BNA_G
 ClientSampleId :
 MCLEAN-TP9

Tgt Ion:264 Resp: 382563
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 22.3 17.9 26.9

