

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060007.D
 Acq On : 14 Dec 2023 10:46
 Operator : MA/JU
 Sample : PB157565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157714BL

Quant Time: Dec 14 11:20:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

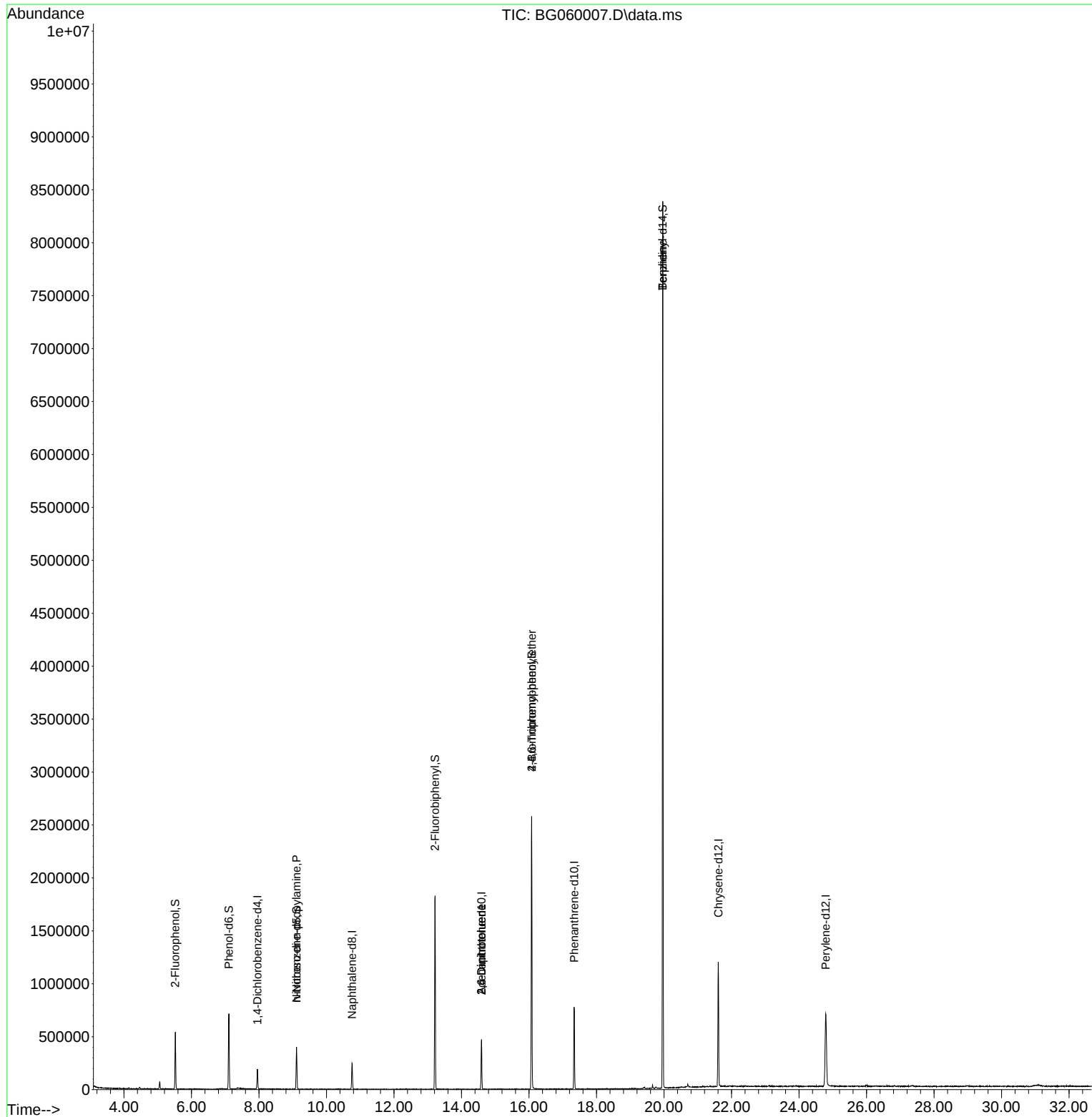
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	49009	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	186465	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	162262	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	554936	20.000	ng	0.00
76) Chrysene-d12	21.607	240	767518	20.000	ng	0.00
86) Perylene-d12	24.792	264	892987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	191360	66.841	ng	0.00
7) Phenol-d6	7.106	99	350250	86.972	ng	0.00
23) Nitrobenzene-d5	9.110	82	223246	54.365	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	639187	169.032	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1010183	76.195	ng	0.00
79) Terphenyl-d14	19.962	244	4313724	102.611	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.110	70	30157	11.607	ng	# 78
51) 2,6-Dinitrotoluene	14.592	165	22888	8.773	ng	# 25
57) 2,4-Dinitrotoluene	14.592	165	22888	6.241	ng	# 28
67) 4-Bromophenyl-phenylether	16.078	248	37030	4.729	ng	# 1
69) Atrazine	16.777	200	559	Below Cal		# 34
77) Benzidine	19.962	184	71386	7.241	ng	# 90

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

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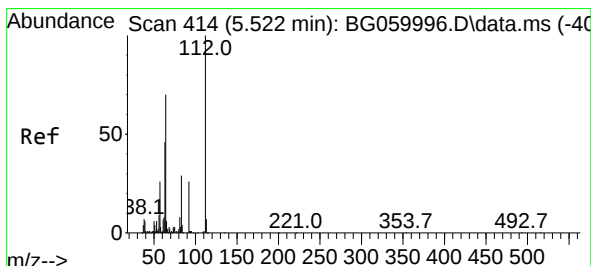
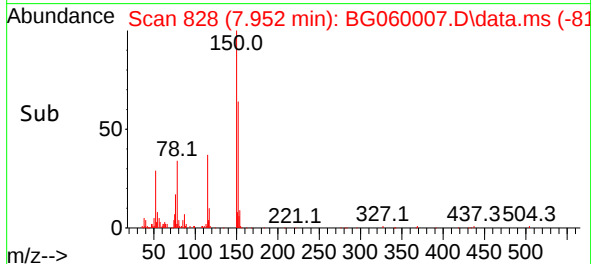
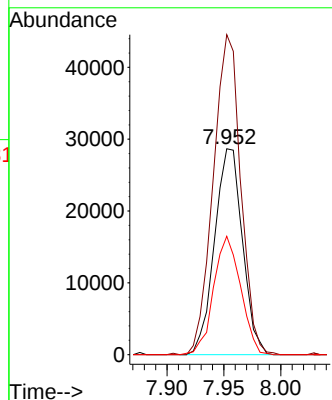
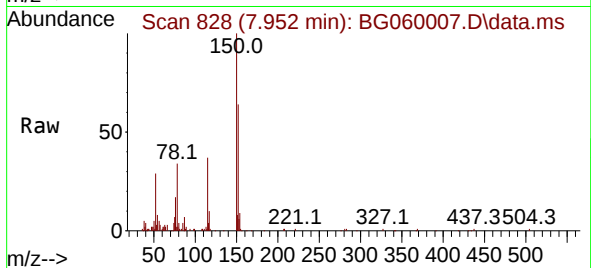




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

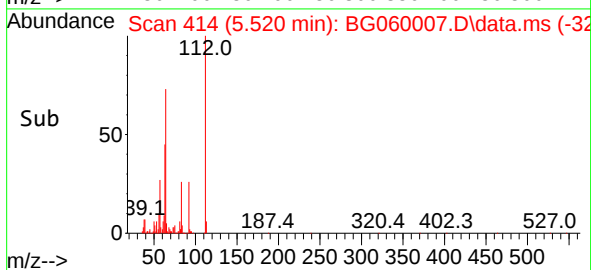
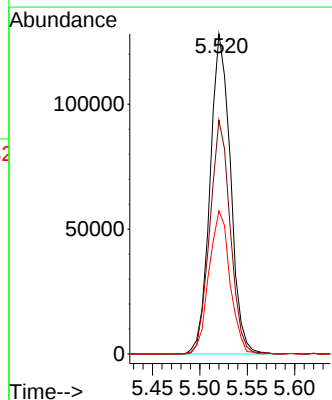
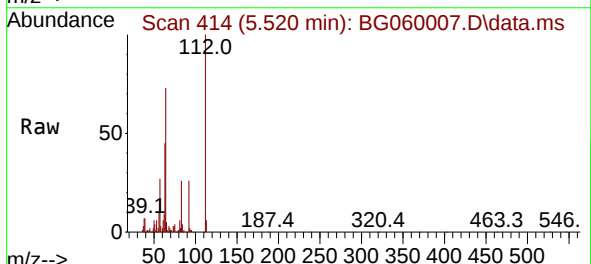
Instrument :
BNA_G
ClientSampleId :
PB157714BL

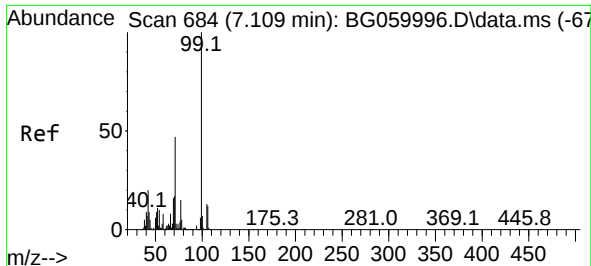
Tgt Ion:152 Resp: 49009
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 57.5 45.7 68.5



#5
2-Fluorophenol
Concen: 66.841 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:112 Resp: 191360
Ion Ratio Lower Upper
112 100
64 73.0 55.9 83.9
63 44.7 36.5 54.7

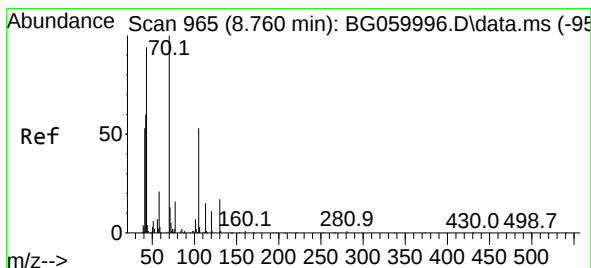
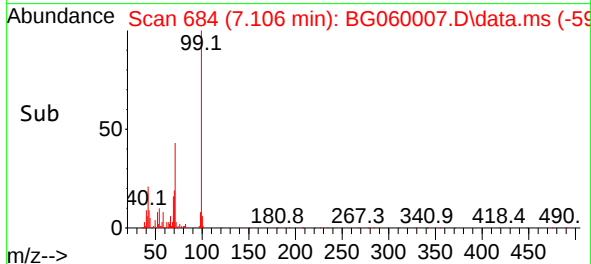
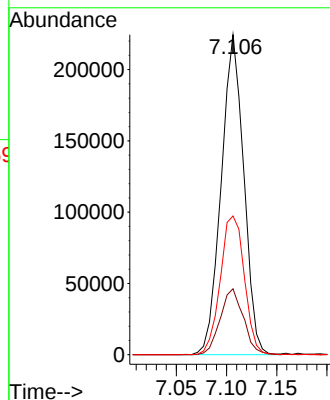
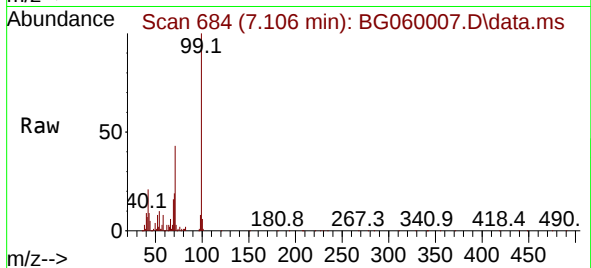




#7
Phenol-d6
Concen: 86.972 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

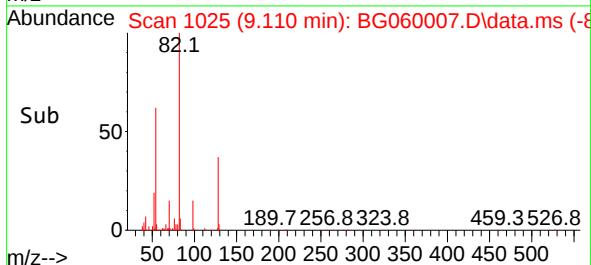
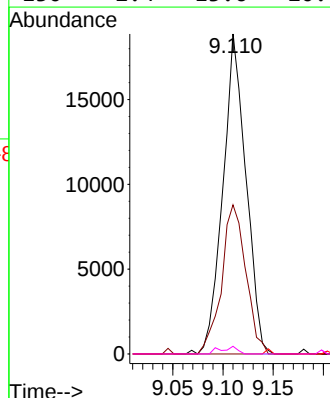
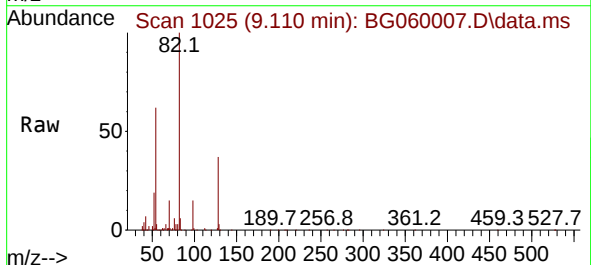
Instrument :
BNA_G
ClientSampleId :
PB157714BL

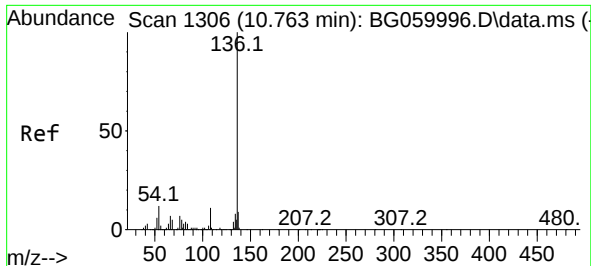
Tgt Ion: 99 Resp: 350250
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 43.4 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.607 ng
RT: 9.110 min Scan# 1025
Delta R.T. 0.350 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion: 70 Resp: 30157
Ion Ratio Lower Upper
70 100
42 46.6 48.6 73.0#
101 0.0 5.7 8.5#
130 2.4 13.6 20.4#

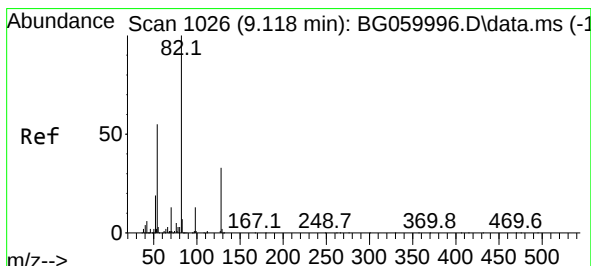
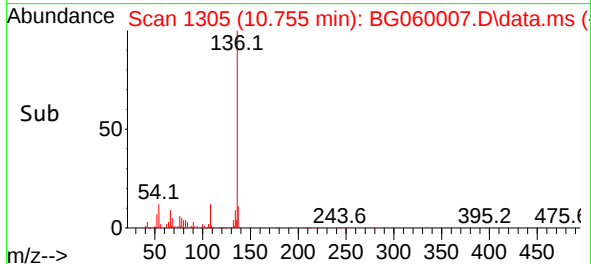
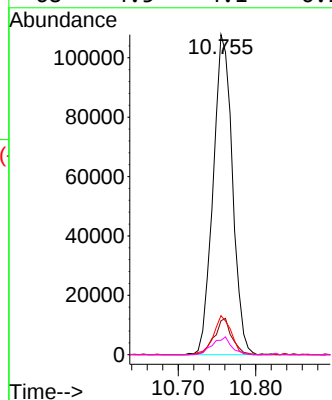
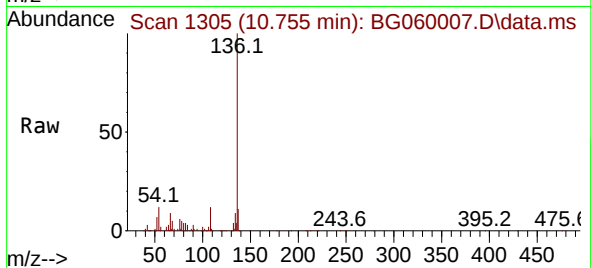




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

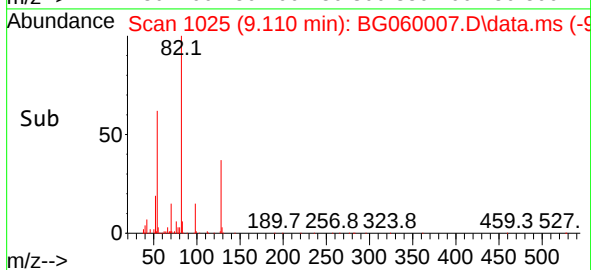
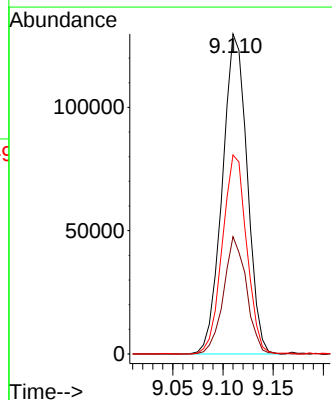
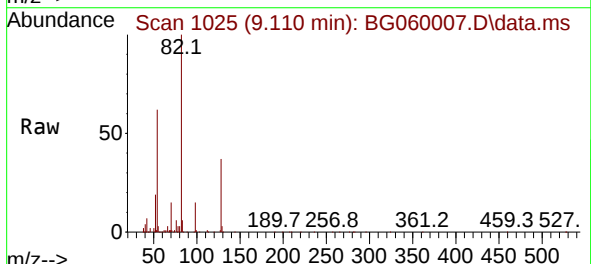
Instrument :
BNA_G
ClientSampleId :
PB157714BL

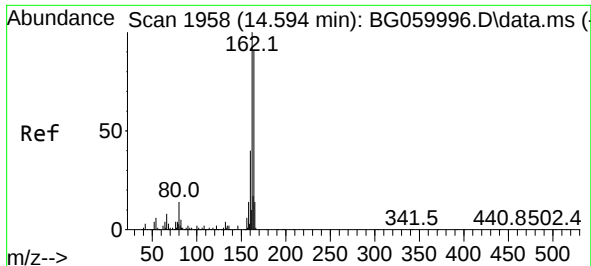
Tgt Ion:	136	Resp:	186465
Ion Ratio	Lower	Upper	
136	100		
137	10.6	7.3	10.9
54	12.2	9.6	14.4
68	4.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 54.365 ng
RT: 9.110 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:	82	Resp:	223246
Ion Ratio	Lower	Upper	
82	100		
128	36.7	26.3	39.5
54	62.2	44.3	66.5

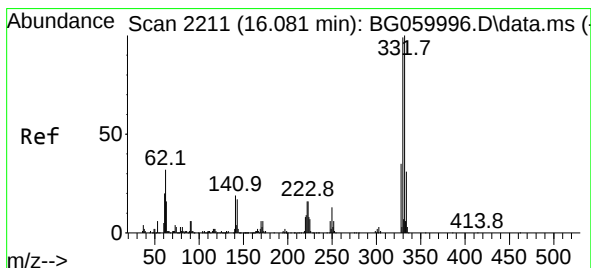
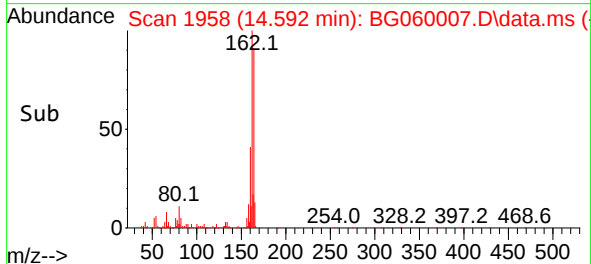
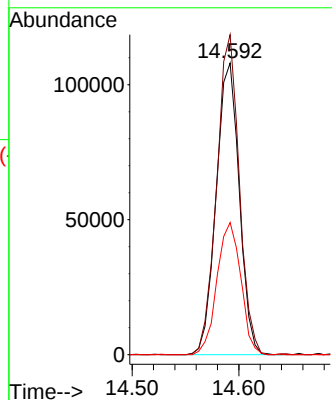
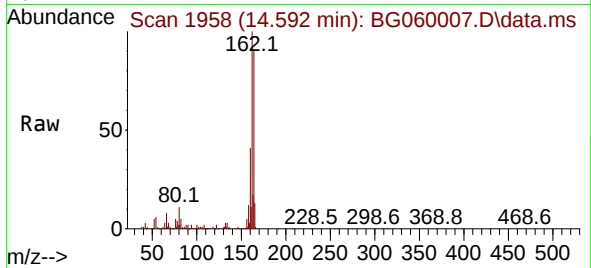




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

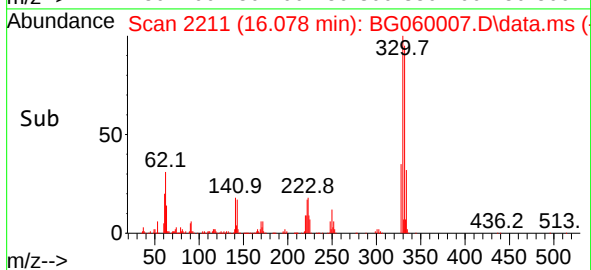
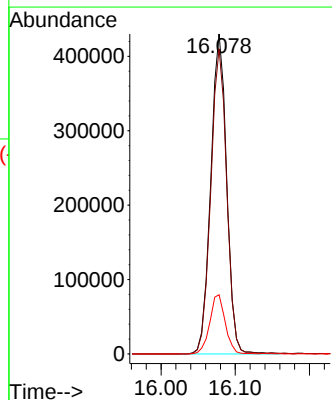
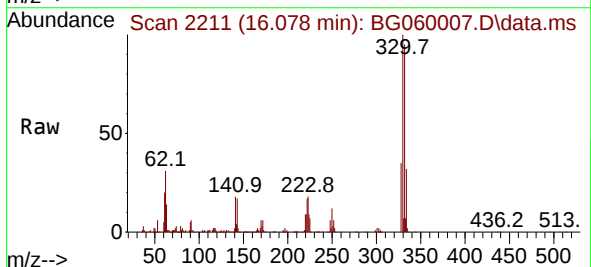
Instrument :
BNA_G
ClientSampleId :
PB157714BL

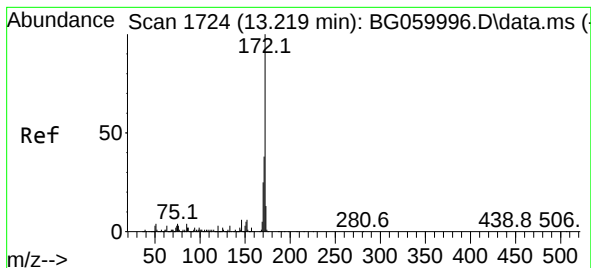
Tgt Ion:164 Resp: 162262
Ion Ratio Lower Upper
164 100
162 109.7 88.1 132.1
160 45.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 169.032 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:330 Resp: 639187
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 18.1 14.3 21.5

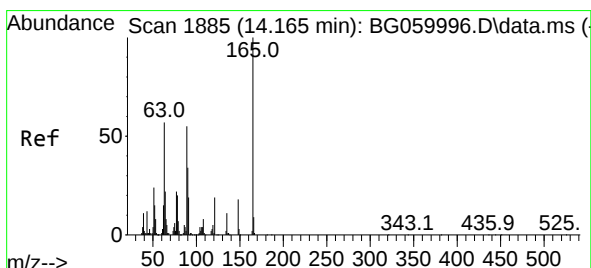
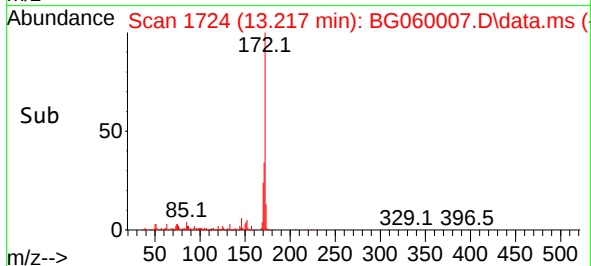
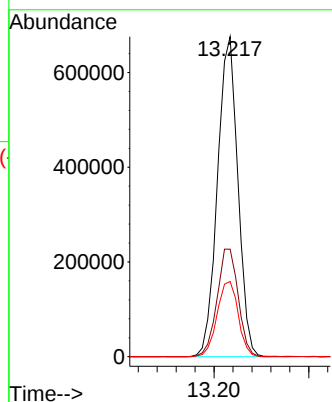
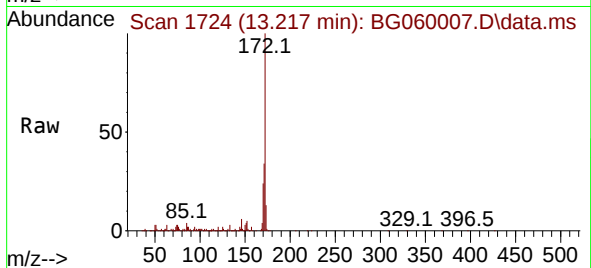




#45
2-Fluorobiphenyl
Concen: 76.195 ng
RT: 13.217 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

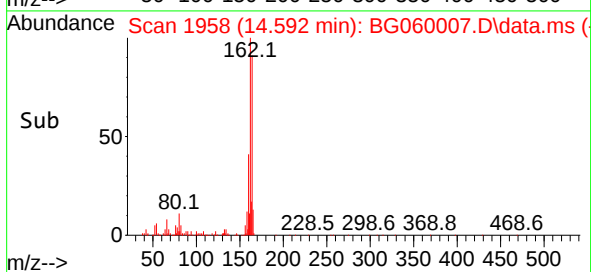
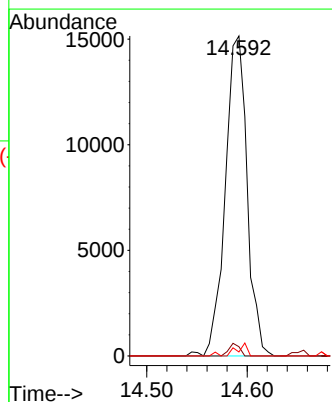
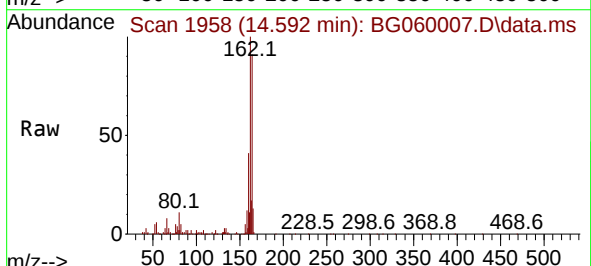
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ClientSampleId :
PB157714BL

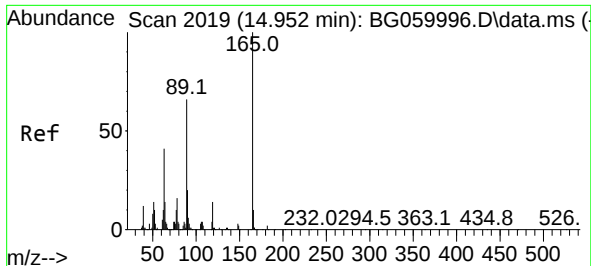
Tgt Ion:172 Resp: 1010183
Ion Ratio Lower Upper
172 100
171 33.6 30.1 45.1
170 23.5 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.773 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.427 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:165 Resp: 22888
Ion Ratio Lower Upper
165 100
63 2.9 48.2 72.2#
89 1.2 44.4 66.6#

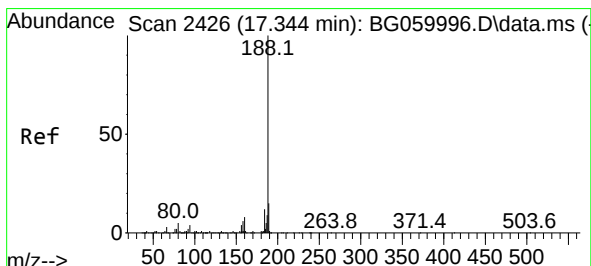
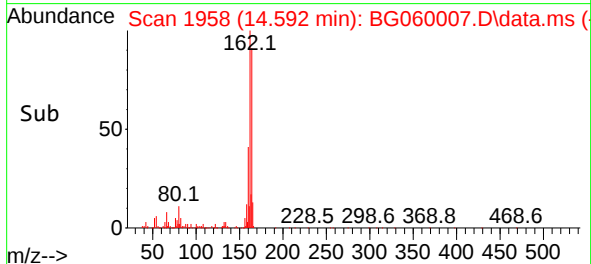
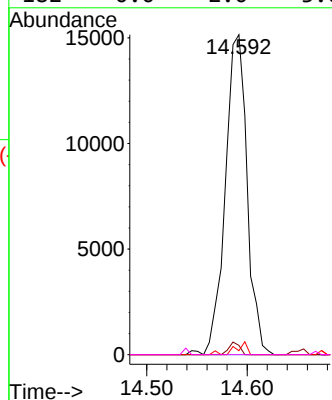
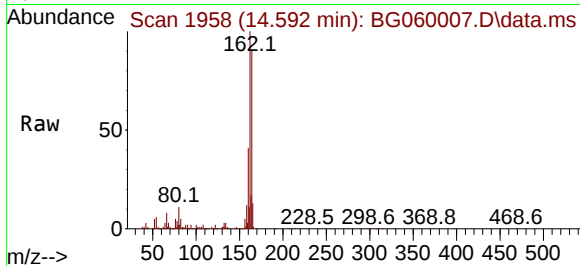




#57
2,4-Dinitrotoluene
Concen: 6.241 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.361 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

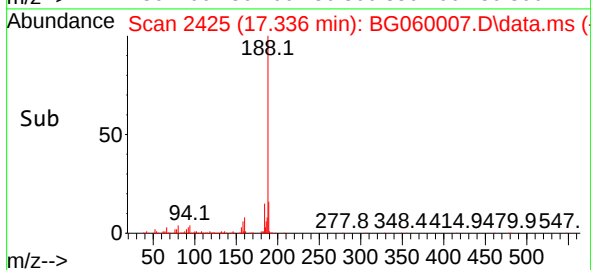
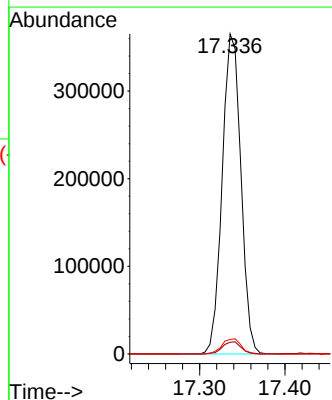
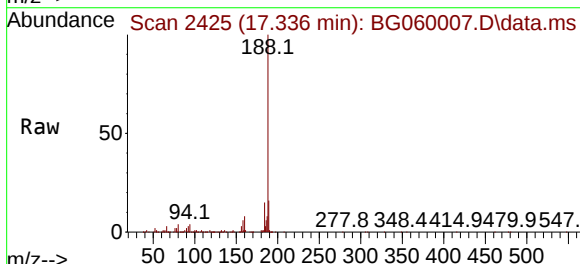
Instrument :
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ClientSampleId :
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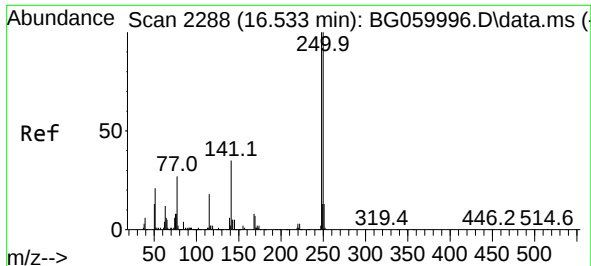
Tgt Ion:165 Resp: 22888
Ion Ratio Lower Upper
165 100
63 2.9 32.8 49.2#
89 1.2 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.008 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:188 Resp: 554936
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 4.5 4.0 6.0

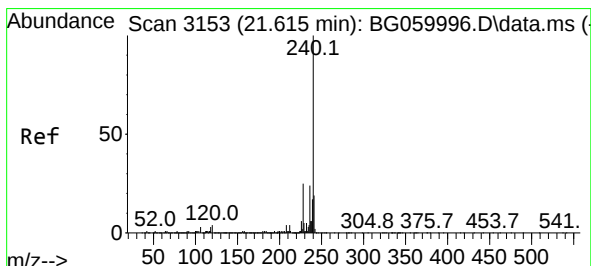
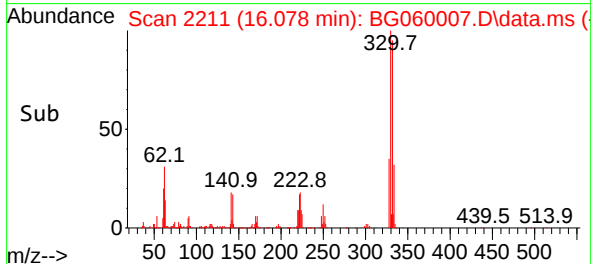
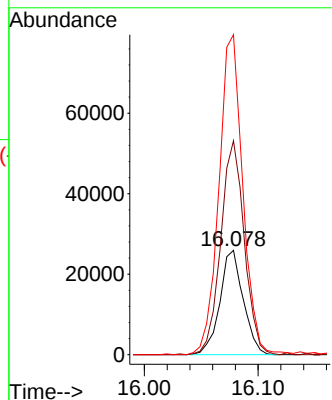
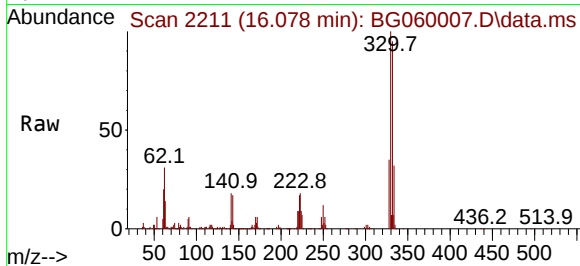




#67
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 16.078 min Scan# 211
Delta R.T. -0.455 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

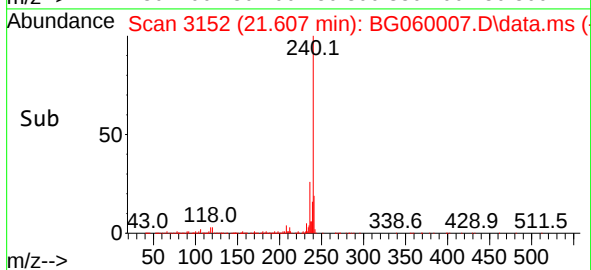
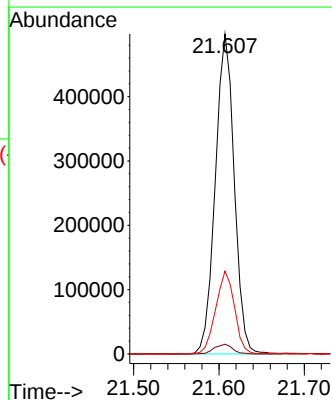
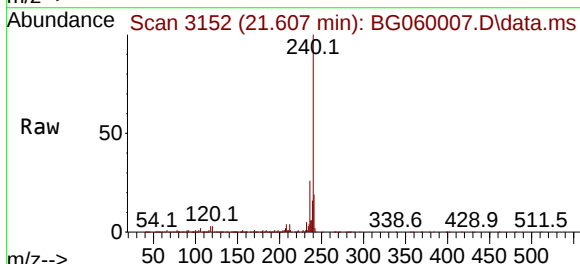
Instrument :
BNA_G
ClientSampleId :
PB157714BL

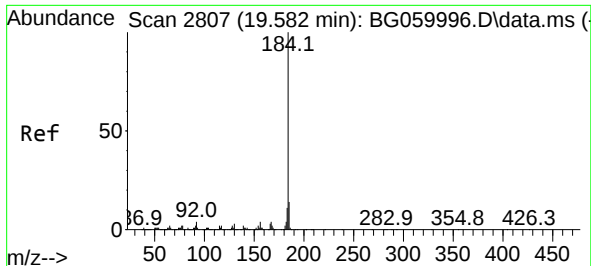
Tgt Ion:248 Resp: 37030
Ion Ratio Lower Upper
248 100
250 205.2 79.9 119.9#
141 306.8 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:240 Resp: 767518
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 25.9 19.4 29.2

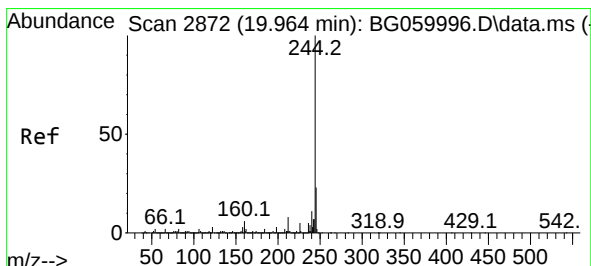
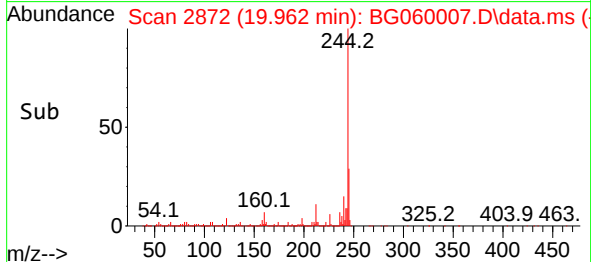
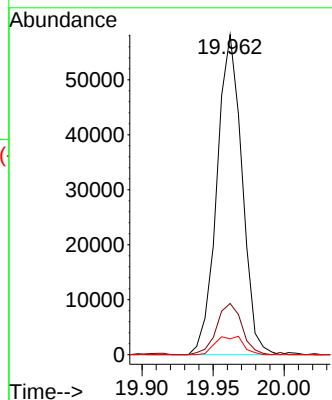
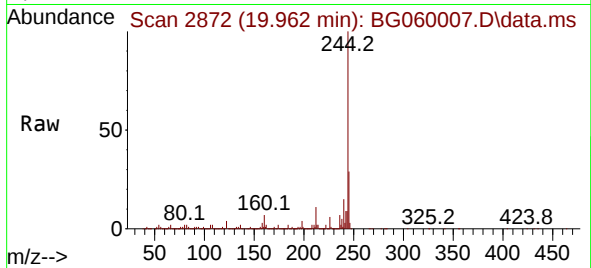




#77
Benzidine
Concen: 7.241 ng
RT: 19.962 min Scan# 2807
Delta R.T. 0.380 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

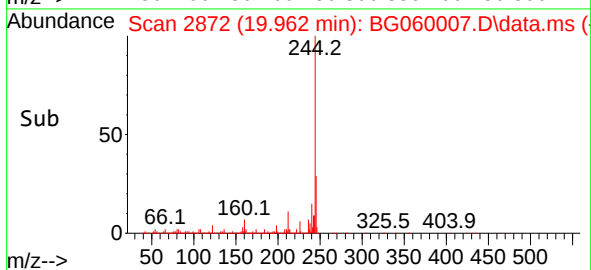
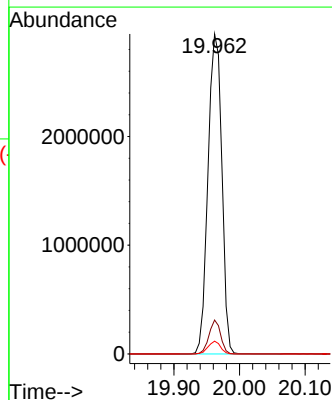
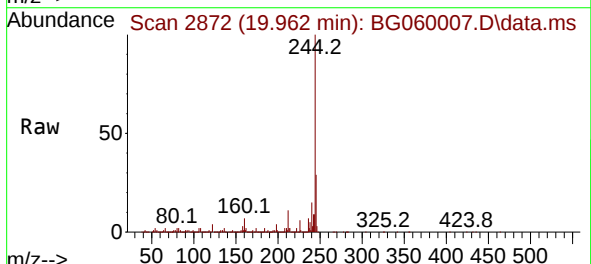
Instrument :
BNA_G
ClientSampleId :
PB157714BL

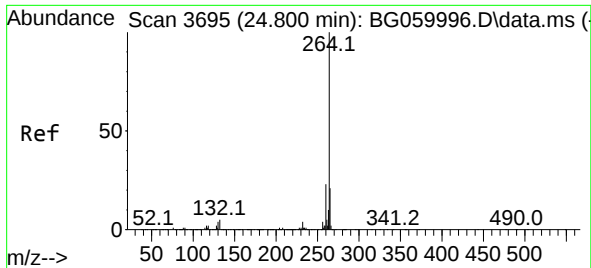
Tgt Ion:184 Resp: 71386
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 5.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 102.611 ng
RT: 19.962 min Scan# 2872
Delta R.T. -0.002 min
Lab File: BG060007.D
Acq: 14 Dec 2023 10:46

Tgt Ion:244 Resp: 4313724
Ion Ratio Lower Upper
244 100
212 10.6 6.8 10.2#
122 4.0 2.6 3.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 30

Delta R.T. -0.008 min

Lab File: BG060007.D

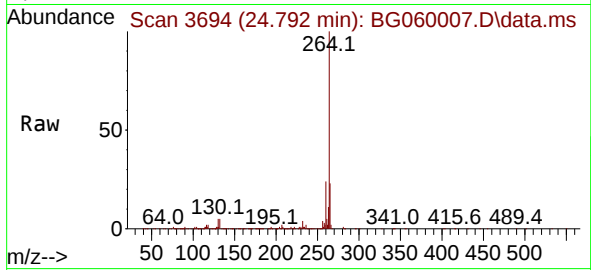
Acq: 14 Dec 2023 10:46

Instrument :

BNA_G

ClientSampleId :

PB157714BL



Tgt Ion:264 Resp: 892987

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 22.8 17.3 25.9

