

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059898.D
 Acq On : 27 Nov 2023 12:08
 Operator : MA/JU
 Sample : PB157087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157087BL

Quant Time: Nov 27 13:15:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

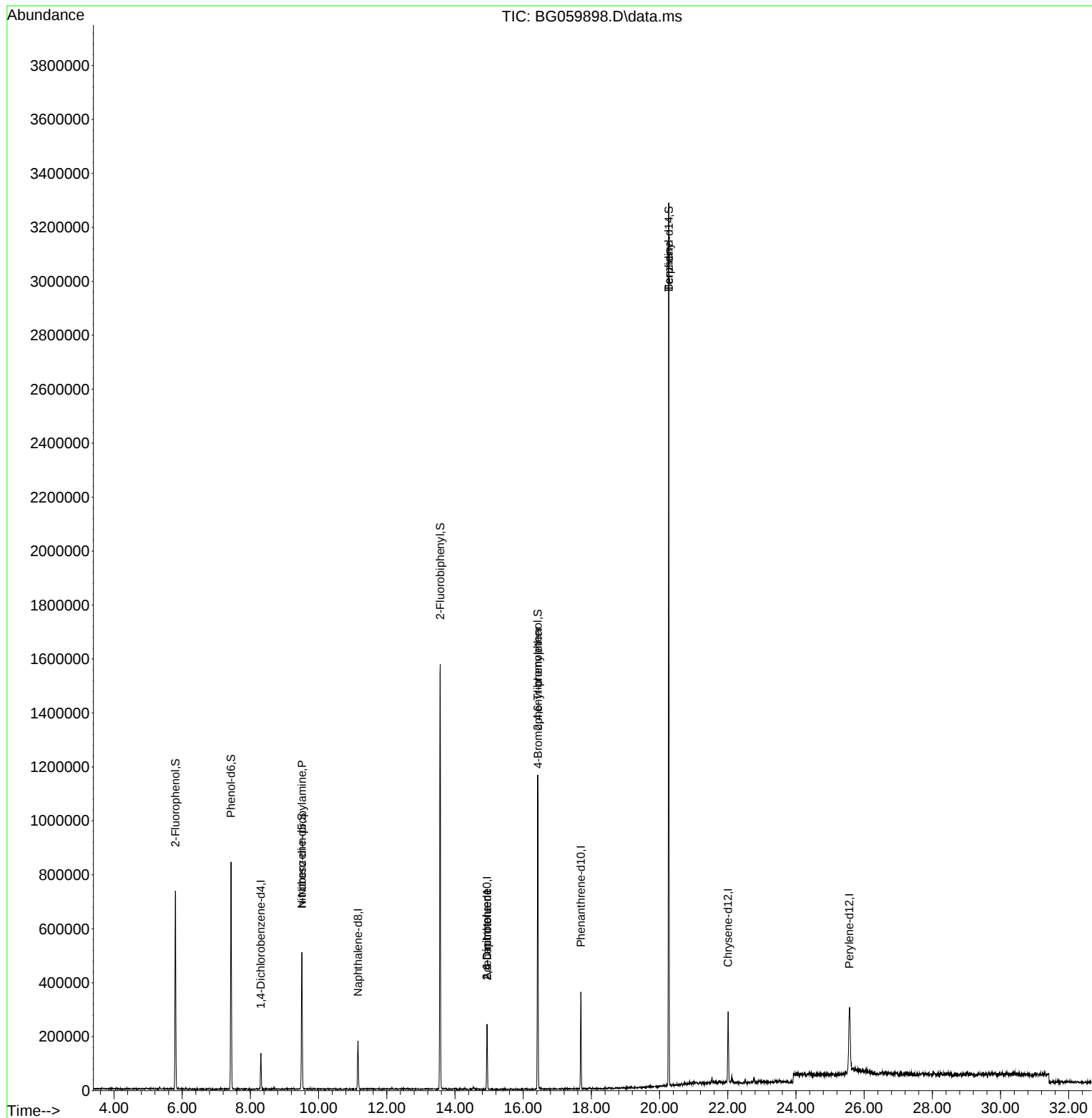
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	28227	20.000	ng	0.00
21) Naphthalene-d8	11.156	136	127188	20.000	ng	#-0.01
39) Acenaphthene-d10	14.940	164	77621	20.000	ng	#-0.01
64) Phenanthrene-d10	17.690	188	192149	20.000	ng	#-0.02
76) Chrysene-d12	22.008	240	160486	20.000	ng	#-0.03
86) Perylene-d12	25.563	264	282034	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	265552	158.345	ng	0.00
7) Phenol-d6	7.431	99	358653	144.314	ng	-0.01
23) Nitrobenzene-d5	9.505	82	330566	99.262	ng	-0.02
42) 2,4,6-Tribromophenol	16.426	330	160642	182.401	ng	-0.01
45) 2-Fluorobiphenyl	13.565	172	710362	123.186	ng	-0.01
79) Terphenyl-d14	20.269	244	1282154	117.940	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.511	70	56143	28.687	ng	# 67
51) 2,6-Dinitrotoluene	14.940	165	11388	9.980	ng	# 2
57) 2,4-Dinitrotoluene	14.940	165	11388	6.489	ng	# 5
67) 4-Bromophenyl-phenylether	16.432	248	10629	5.149	ng	# 1
77) Benzidine	20.269	184	39207	10.774	ng	# 89

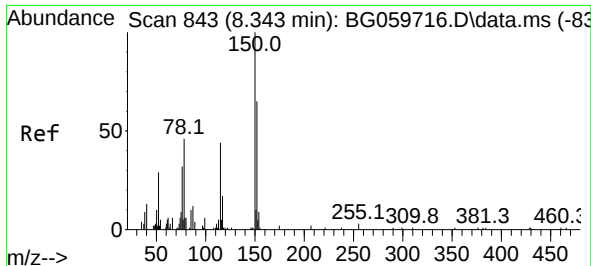
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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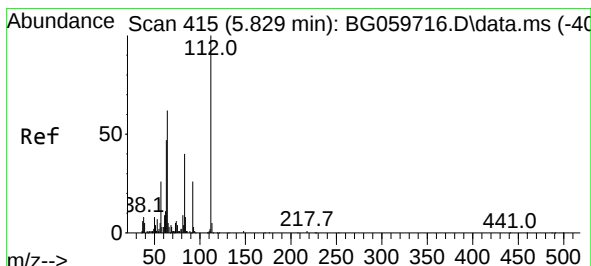
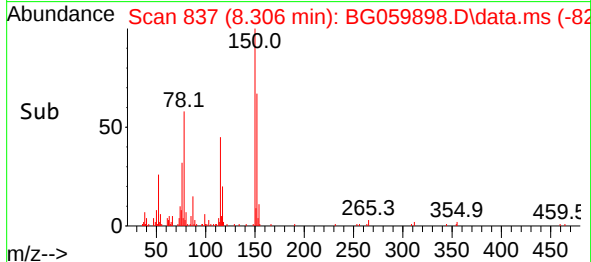
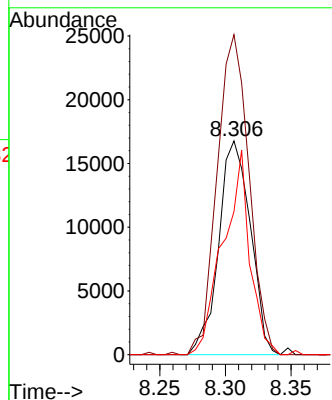
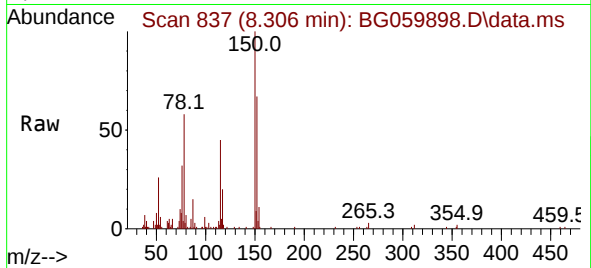




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

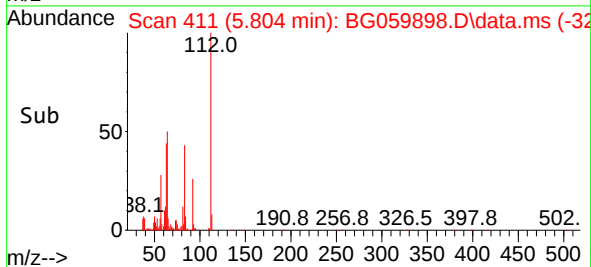
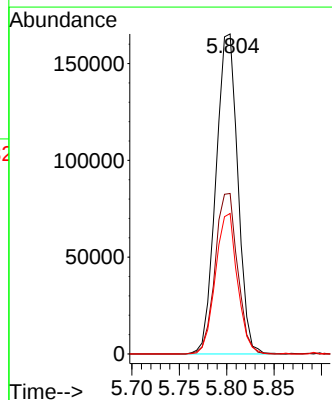
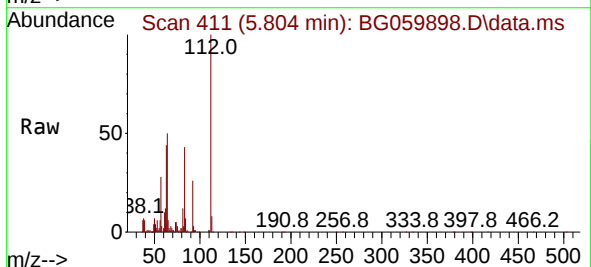
Instrument :
BNA_G
ClientSampleId :
PB157087BL

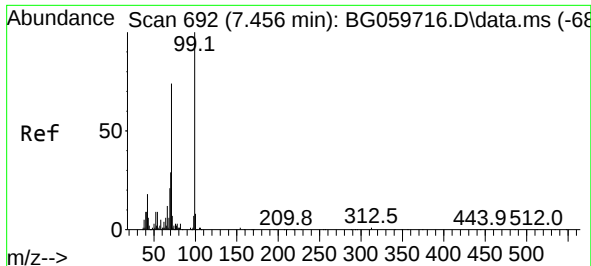
Tgt Ion:152 Resp: 28227
Ion Ratio Lower Upper
152 100
150 149.6 122.2 183.4
115 66.9 54.2 81.4



#5
2-Fluorophenol
Concen: 158.345 ng
RT: 5.804 min Scan# 411
Delta R.T. -0.008 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:112 Resp: 265552
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 43.9 37.4 56.2

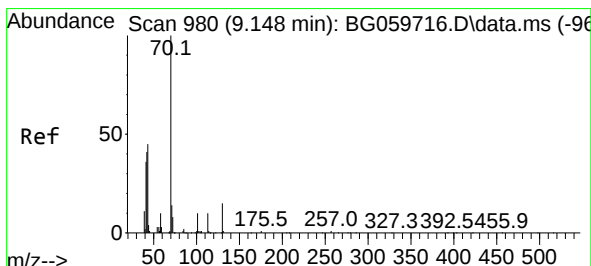
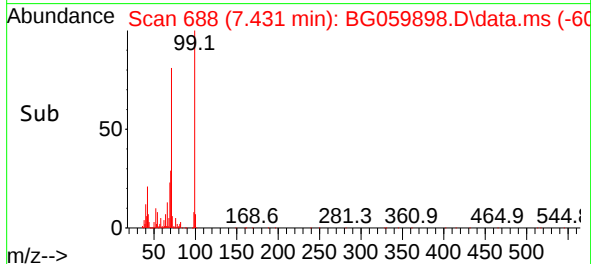
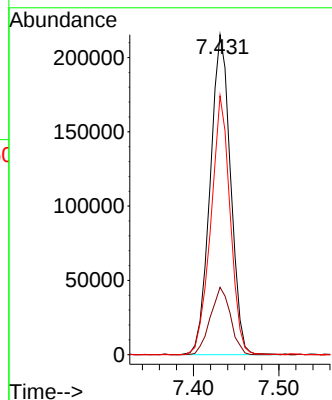
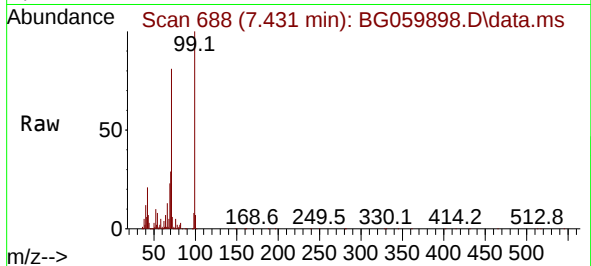




#7
Phenol-d6
Concen: 144.314 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

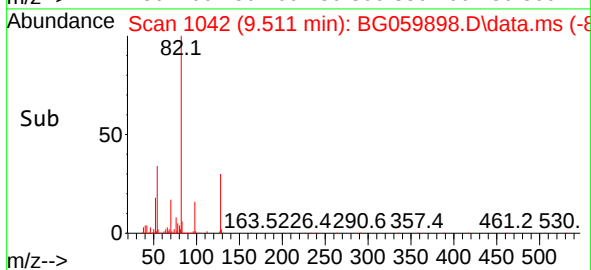
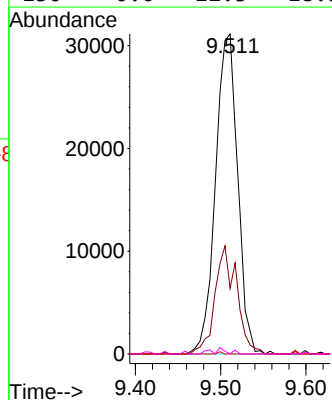
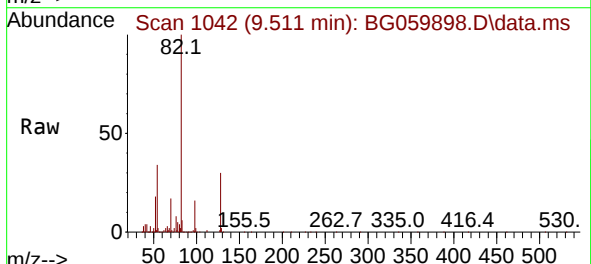
Instrument :
BNA_G
ClientSampleId :
PB157087BL

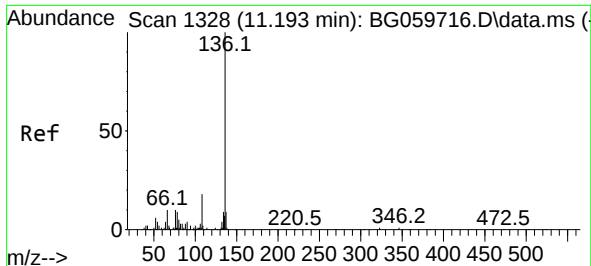
Tgt Ion: 99 Resp: 358653
Ion Ratio Lower Upper
99 100
42 21.0 14.3 21.5
71 80.9 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 28.687 ng
RT: 9.511 min Scan# 1042
Delta R.T. 0.380 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion: 70 Resp: 56143
Ion Ratio Lower Upper
70 100
42 20.5 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

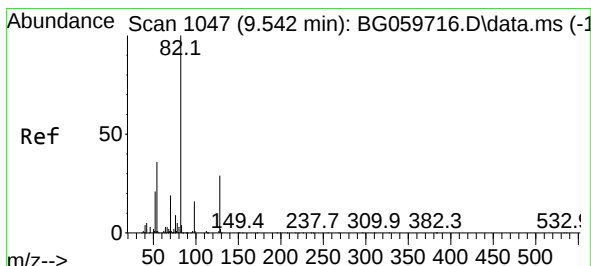
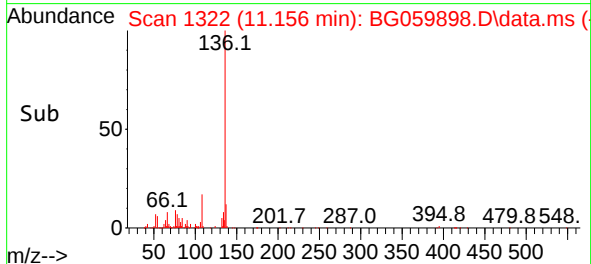
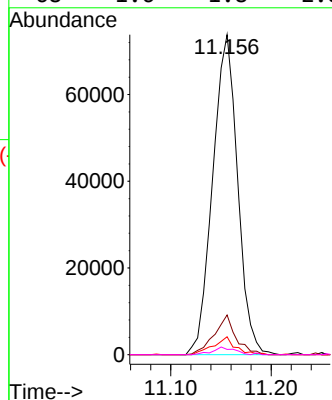
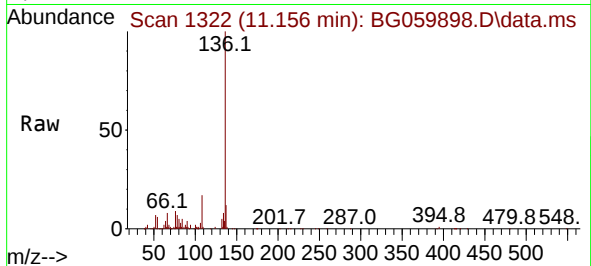




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.156 min Scan# 111
Delta R.T. -0.014 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

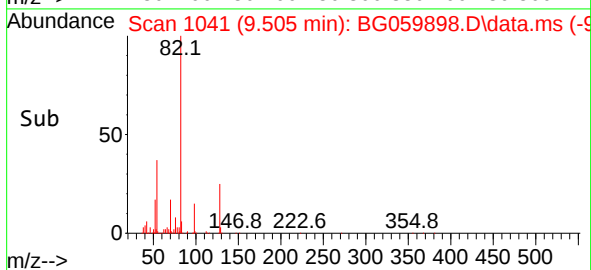
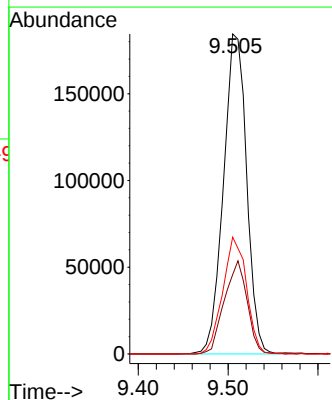
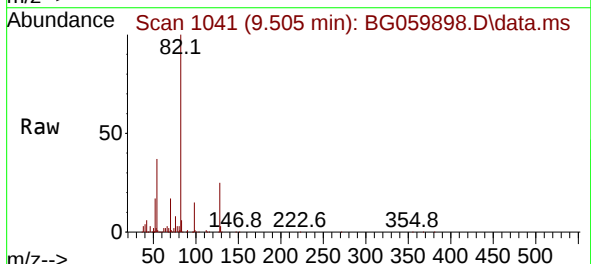
Instrument :
BNA_G
ClientSampleId :
PB157087BL

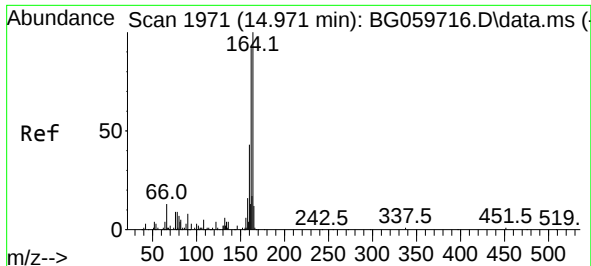
Tgt Ion:136 Resp: 127188
Ion Ratio Lower Upper
136 100
137 12.4 7.4 11.0#
54 5.6 3.1 4.7#
68 1.6 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 99.262 ng
RT: 9.505 min Scan# 1041
Delta R.T. -0.020 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion: 82 Resp: 330566
Ion Ratio Lower Upper
82 100
128 24.8 23.0 34.6
54 36.5 28.7 43.1

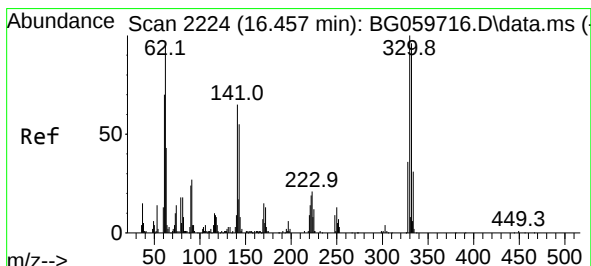
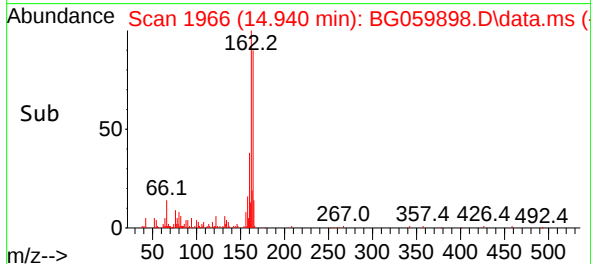
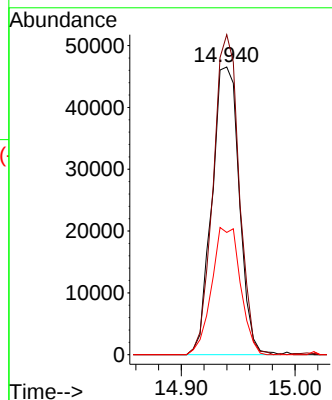
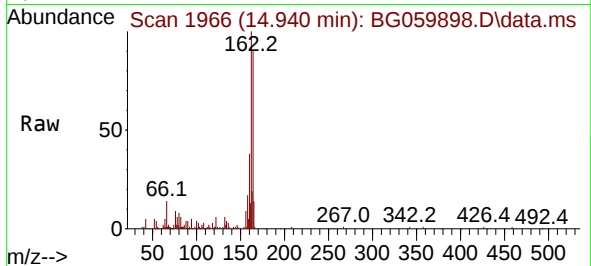




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1971
Delta R.T. -0.014 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

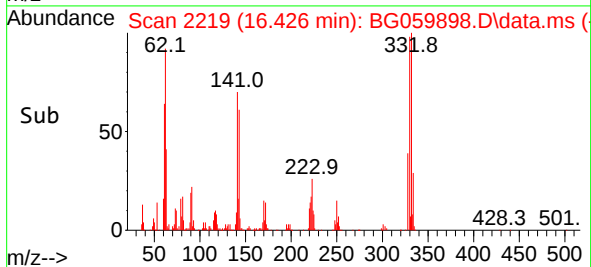
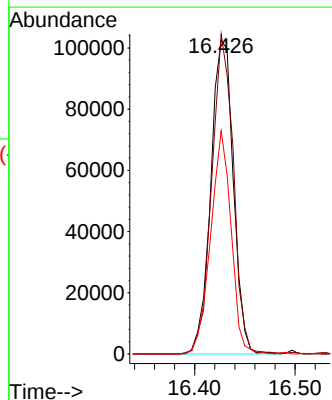
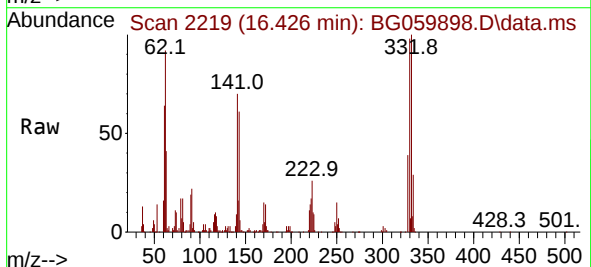
Instrument :
BNA_G
ClientSampleId :
PB157087BL

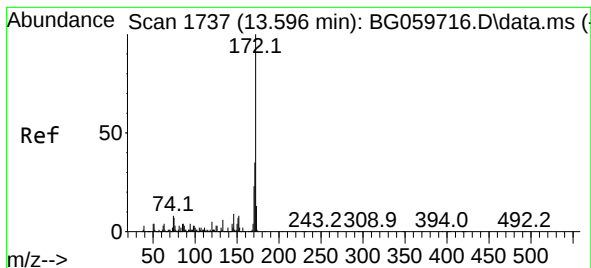
Tgt Ion:164 Resp: 77621
Ion Ratio Lower Upper
164 100
162 111.2 73.3 109.9#
160 42.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 182.401 ng
RT: 16.426 min Scan# 2219
Delta R.T. -0.014 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:330 Resp: 160642
Ion Ratio Lower Upper
330 100
332 96.9 73.3 109.9
141 64.2 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 123.186 ng

RT: 13.565 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG059898.D

Acq: 27 Nov 2023 12:08

Instrument :

BNA_G

ClientSampleId :

PB157087BL

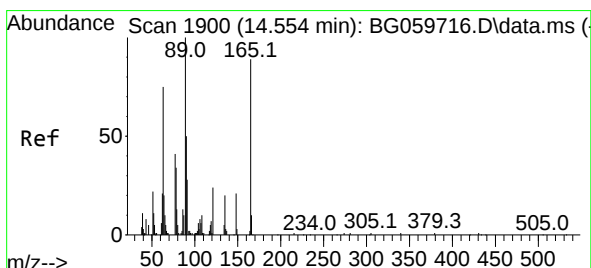
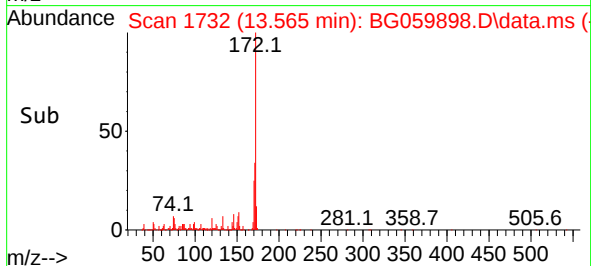
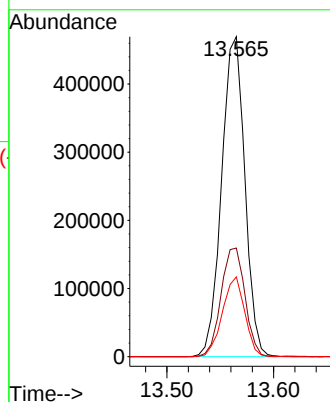
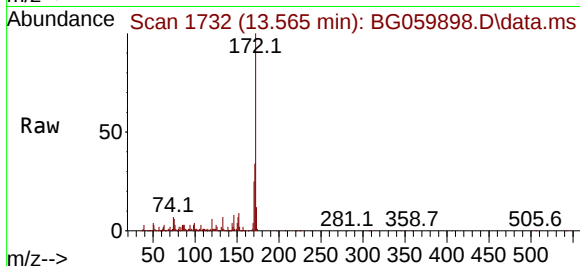
Tgt Ion:172 Resp: 710362

Ion Ratio Lower Upper

172 100

171 33.9 27.7 41.5

170 25.0 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.980 ng

RT: 14.940 min Scan# 1966

Delta R.T. 0.397 min

Lab File: BG059898.D

Acq: 27 Nov 2023 12:08

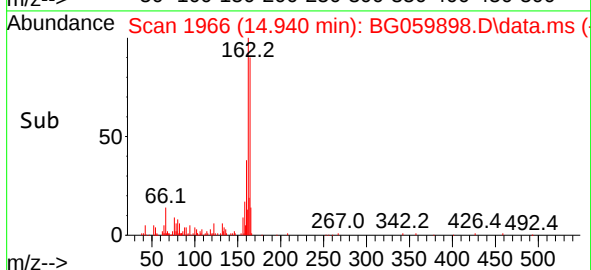
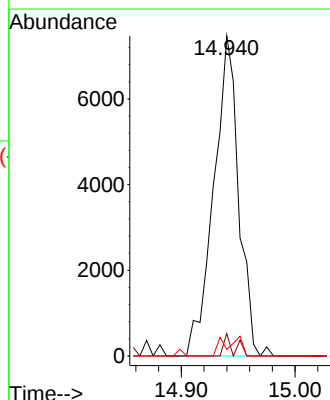
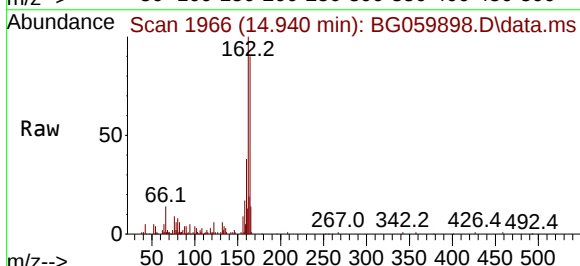
Tgt Ion:165 Resp: 11388

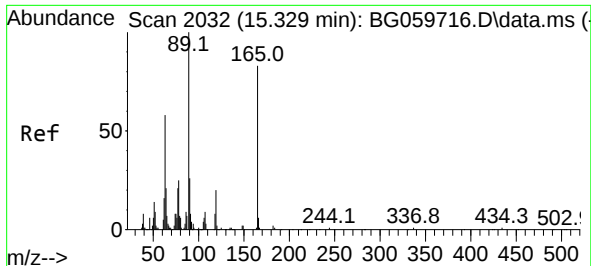
Ion Ratio Lower Upper

165 100

63 7.0 75.3 112.9#

89 2.1 90.9 136.3#

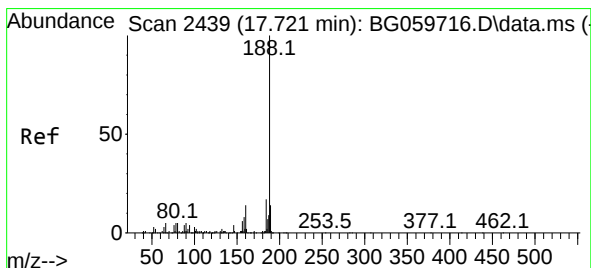
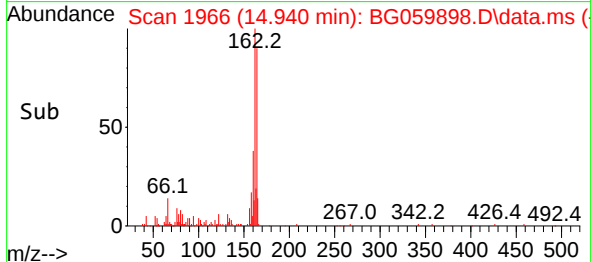
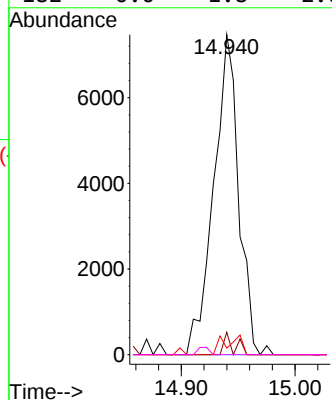
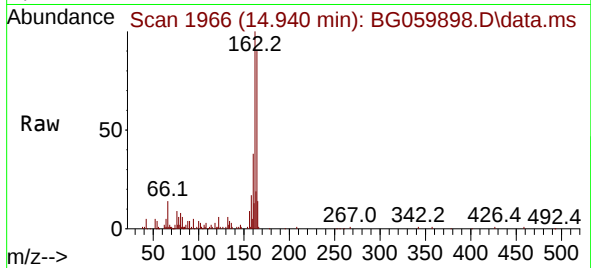




#57
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 14.940 min Scan# 1966
Delta R.T. -0.384 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

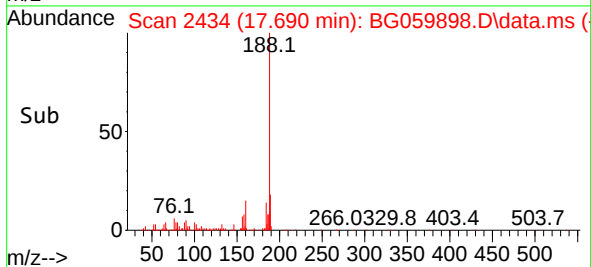
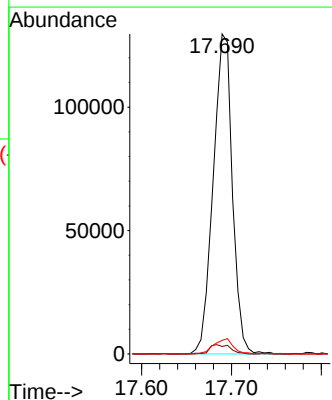
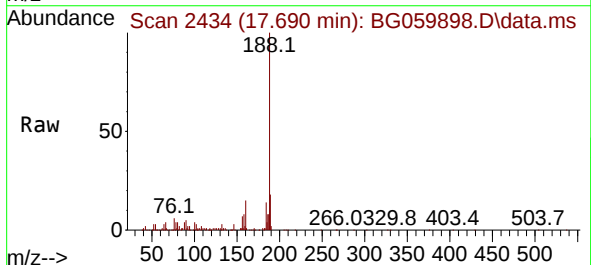
Instrument :
BNA_G
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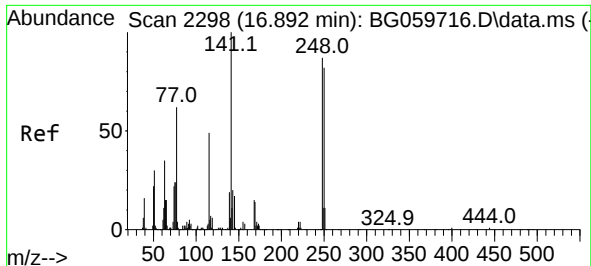
Tgt Ion:165 Resp: 11388
Ion Ratio Lower Upper
165 100
63 7.0 55.8 83.8#
89 2.1 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.690 min Scan# 2434
Delta R.T. -0.020 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:188 Resp: 192149
Ion Ratio Lower Upper
188 100
94 2.4 3.0 4.4#
80 4.2 4.2 6.4

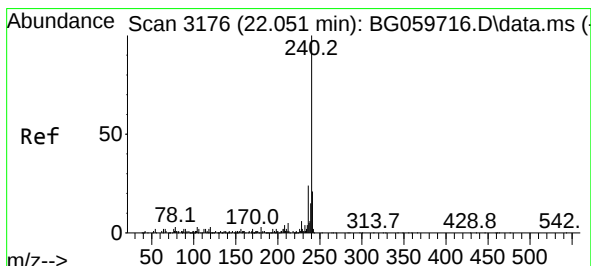
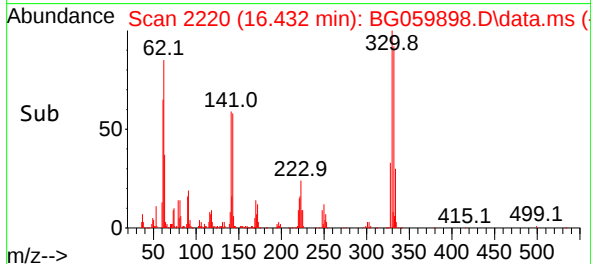
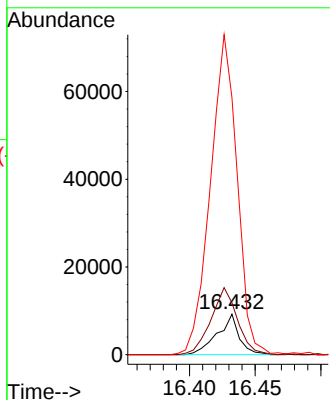
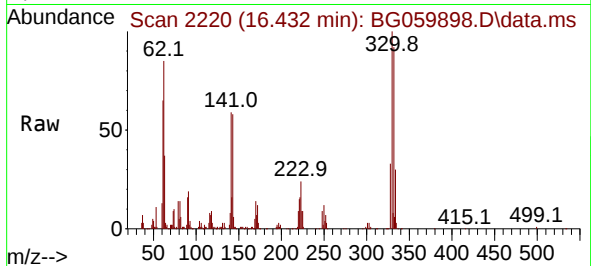




#67
4-Bromophenyl-phenylether
Concen: 5.149 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

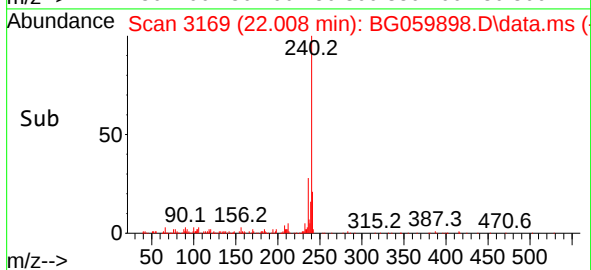
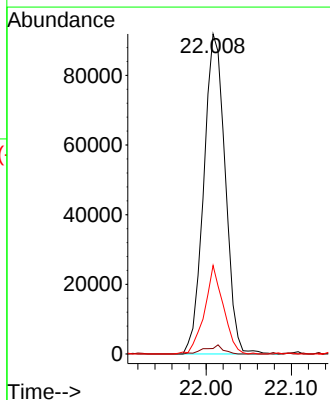
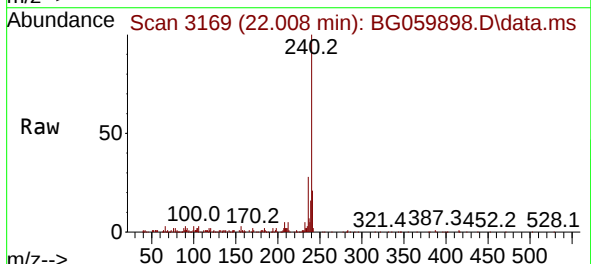
Instrument :
BNA_G
ClientSampleId :
PB157087BL

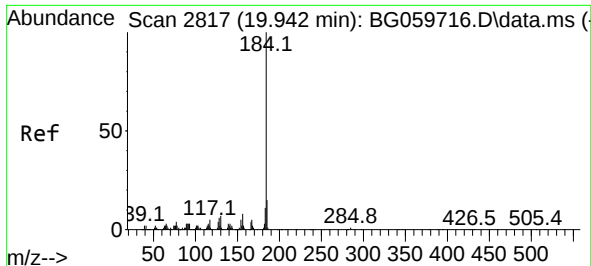
Tgt Ion:248 Resp: 10629
Ion Ratio Lower Upper
248 100
250 128.4 75.2 112.8#
141 635.8 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.008 min Scan# 3169
Delta R.T. -0.026 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:240 Resp: 160486
Ion Ratio Lower Upper
240 100
120 1.7 2.2 3.2#
236 27.7 19.4 29.2

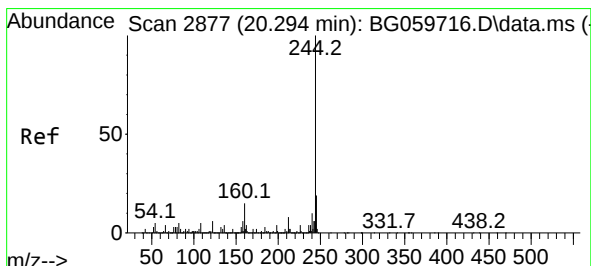
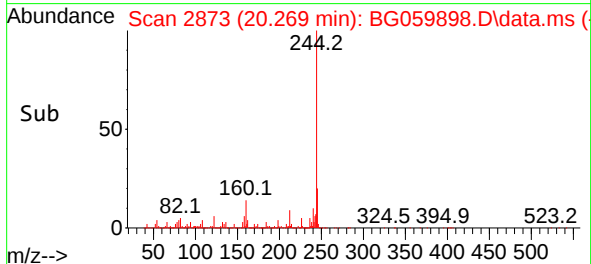
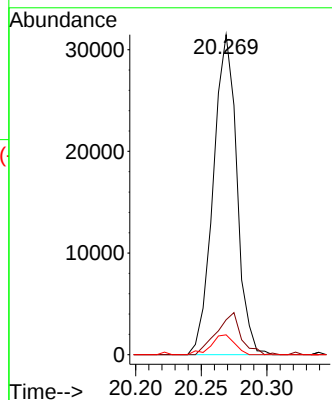
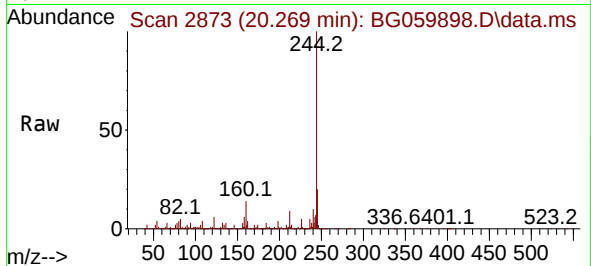




#77
Benzidine
Concen: 10.774 ng
RT: 20.269 min Scan# 2873
Delta R.T. 0.338 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

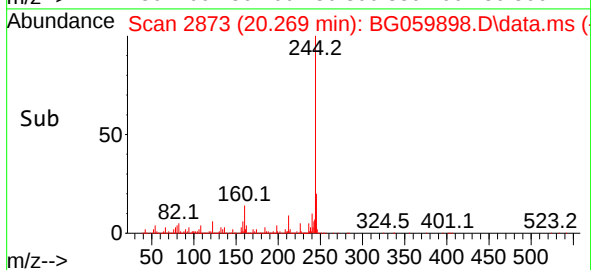
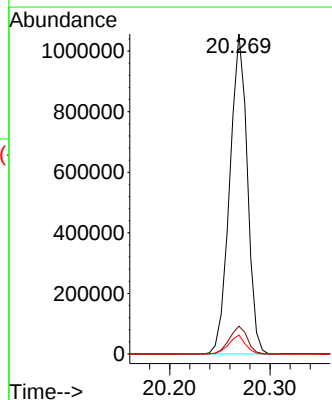
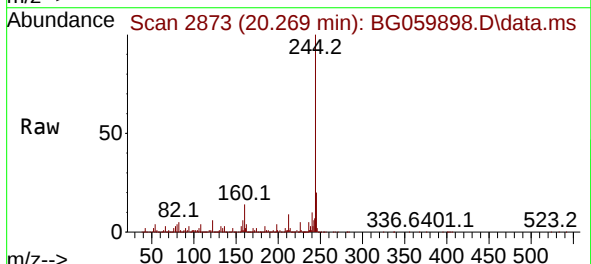
Instrument :
BNA_G
ClientSampleId :
PB157087BL

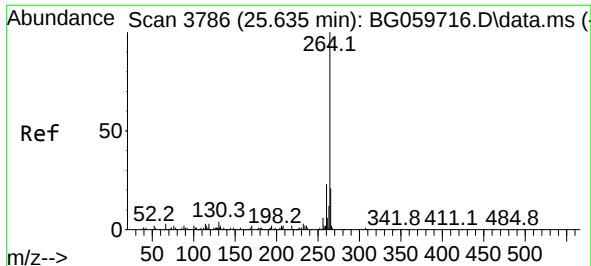
Tgt Ion:184 Resp: 39207
Ion Ratio Lower Upper
184 100
185 10.9 12.2 18.2#
183 6.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 117.940 ng
RT: 20.269 min Scan# 2873
Delta R.T. -0.014 min
Lab File: BG059898.D
Acq: 27 Nov 2023 12:08

Tgt Ion:244 Resp: 1282154
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 5.9 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.563 min Scan# 31
 Delta R.T. -0.049 min
 Lab File: BG059898.D
 Acq: 27 Nov 2023 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB157087BL

Tgt Ion:264 Resp: 282034
 Ion Ratio Lower Upper
 264 100
 260 19.4 18.5 27.7
 265 20.2 17.0 25.6

