

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059903.D
 Acq On : 27 Nov 2023 15:34
 Operator : MA/JU
 Sample : 05425-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)

Quant Time: Nov 27 23:11:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

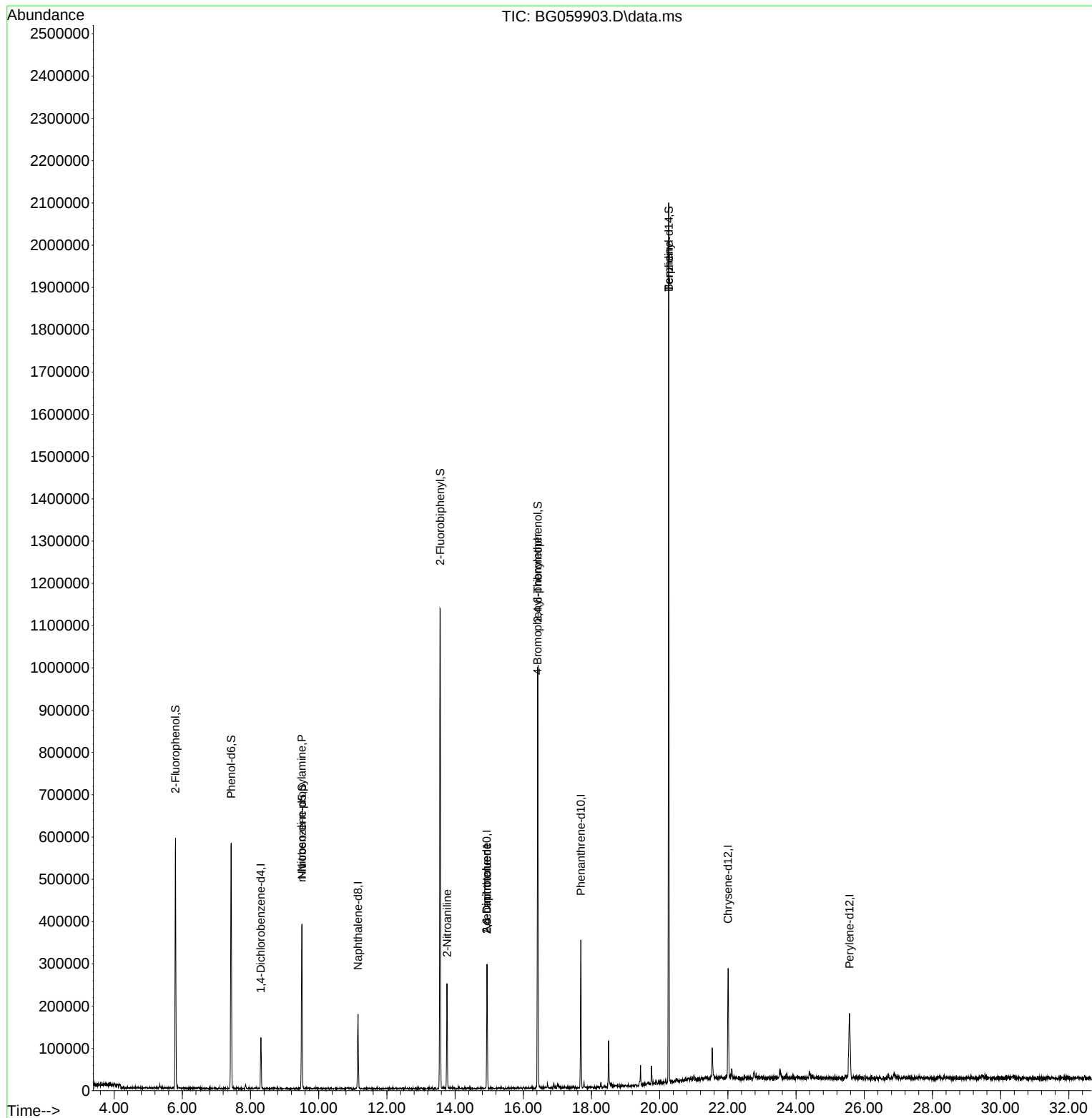
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	25198	20.000	ng	0.00
21) Naphthalene-d8	11.155	136	118067	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	87395	20.000	ng	#-0.01
64) Phenanthrene-d10	17.688	188	193257	20.000	ng	0.00
76) Chrysene-d12	22.007	240	152814	20.000	ng	#-0.01
86) Perylene-d12	25.567	264	174679	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	205106	137.004	ng	0.00
7) Phenol-d6	7.436	99	282209	127.205	ng	0.00
23) Nitrobenzene-d5	9.510	82	236774	76.591	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	136914	138.073	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	501509	77.242	ng	0.00
79) Terphenyl-d14	20.268	244	837032	80.861	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	37744	21.604	ng	# 87
48) 2-Nitroaniline	13.769	65	7116	4.228	ng	# 15
51) 2,6-Dinitrotoluene	14.933	165	11023	8.579	ng	# 7
57) 2,4-Dinitrotoluene	14.933	165	11023	5.579	ng	# 10
67) 4-Bromophenyl-phenylether	16.419	248	9532	4.591	ng	# 1
77) Benzidine	20.268	184	24417	7.046	ng	# 91

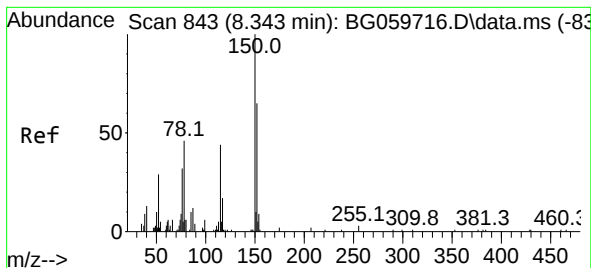
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059903.D
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O-5(5-10)

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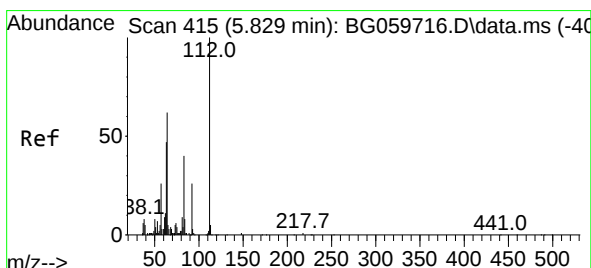
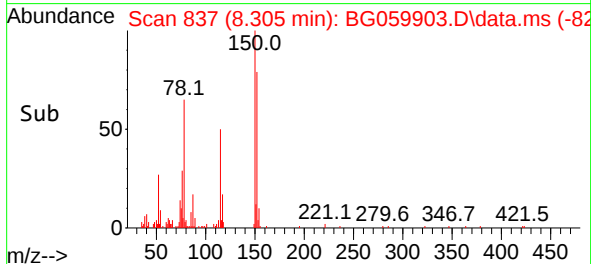
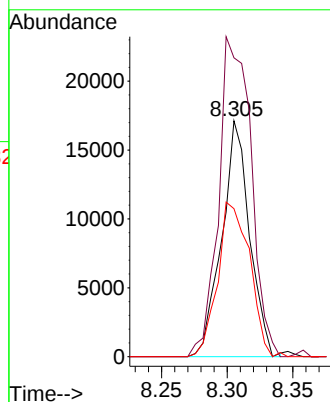
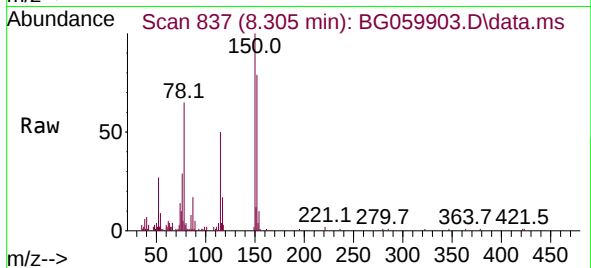




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

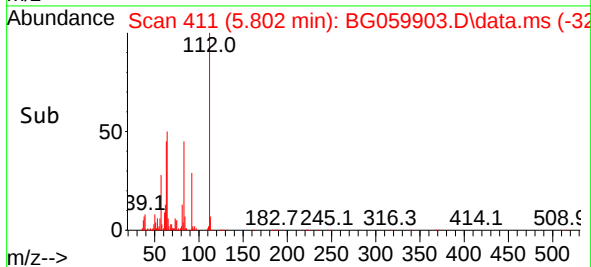
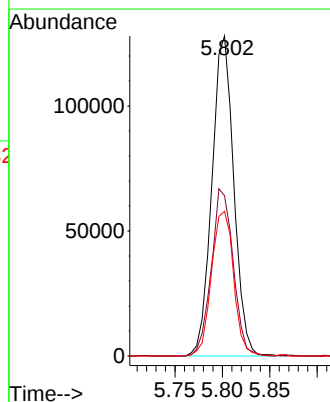
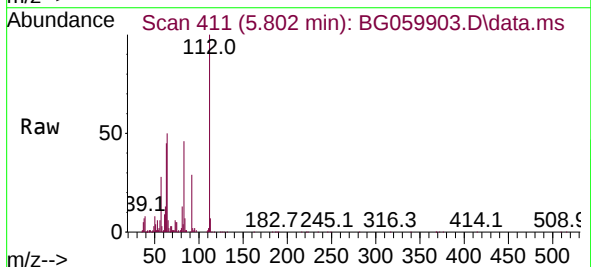
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

Tgt Ion:152 Resp: 25198
Ion Ratio Lower Upper
152 100
150 126.7 122.2 183.4
115 62.7 54.2 81.4



#5
2-Fluorophenol
Concen: 137.004 ng
RT: 5.802 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:112 Resp: 205106
Ion Ratio Lower Upper
112 100
64 50.1 49.5 74.3
63 45.2 37.4 56.2

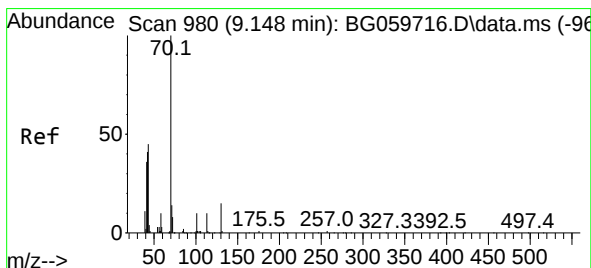
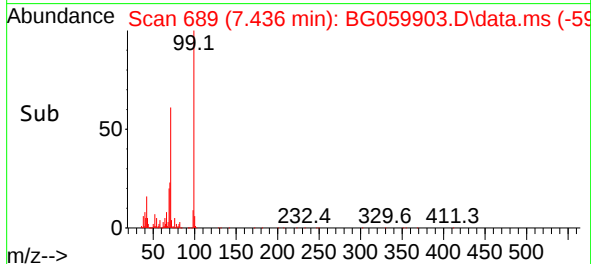
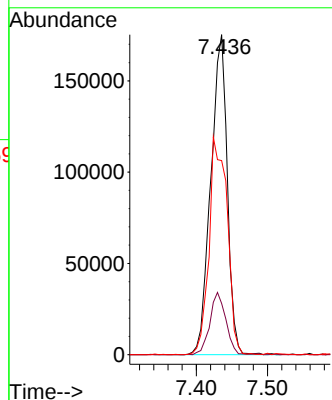
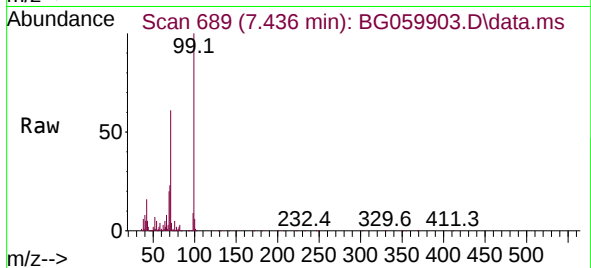




#7
Phenol-d6
Concen: 127.205 ng
RT: 7.436 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

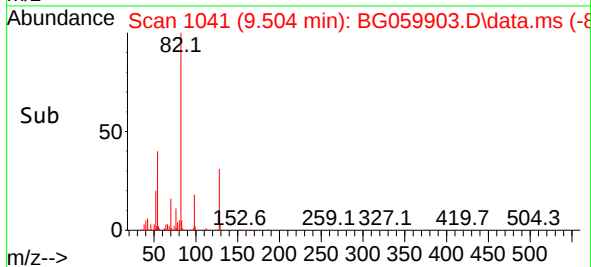
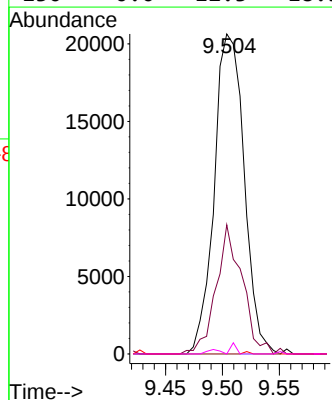
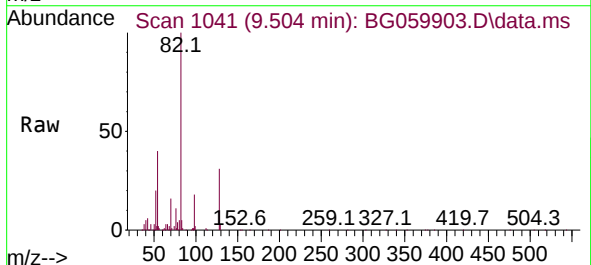
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

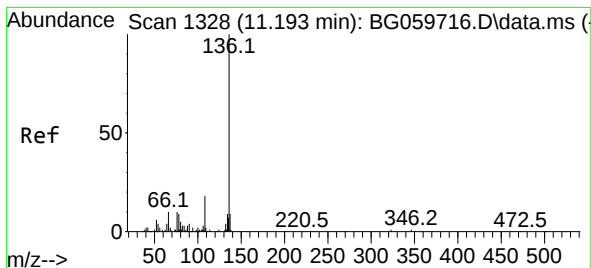
Tgt Ion: 99 Resp: 282209
Ion Ratio Lower Upper
99 100
42 16.0 14.3 21.5
71 60.7 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.604 ng
RT: 9.504 min Scan# 1041
Delta R.T. 0.394 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion: 70 Resp: 37744
Ion Ratio Lower Upper
70 100
42 40.3 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

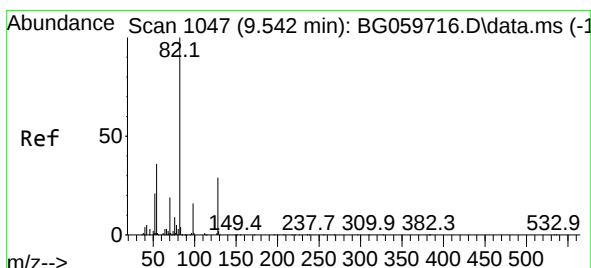
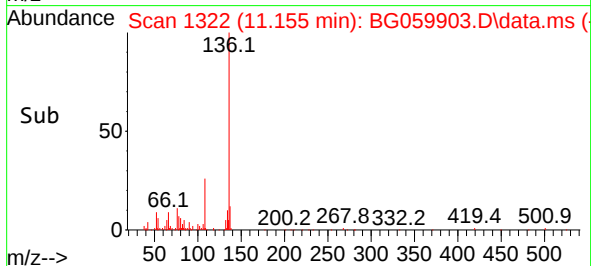
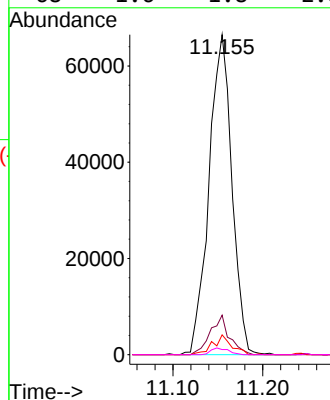
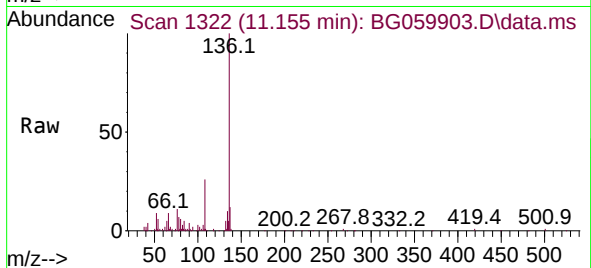




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.155 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

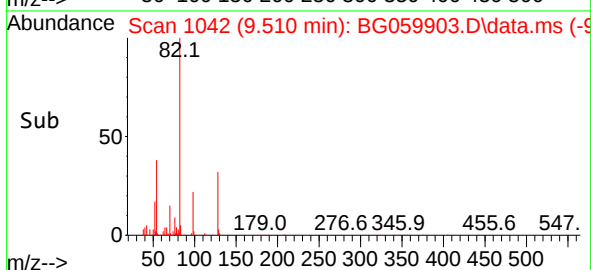
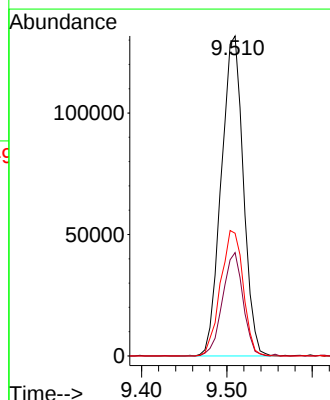
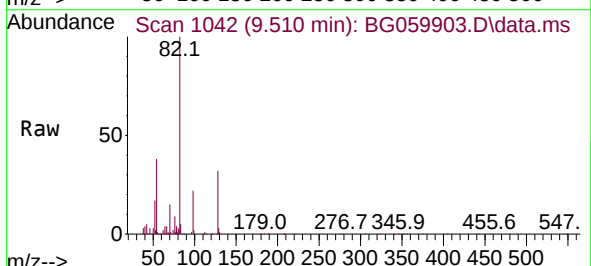
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

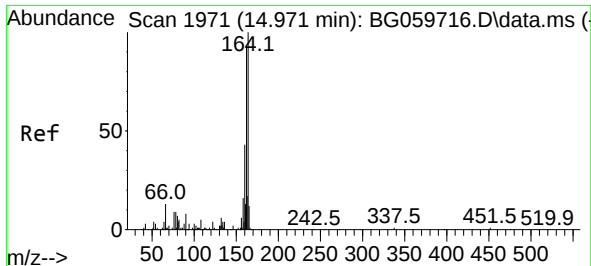
Tgt Ion:136 Resp: 118067
Ion Ratio Lower Upper
136 100
137 12.3 7.4 11.0#
54 6.2 3.1 4.7#
68 1.6 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 76.591 ng
RT: 9.510 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion: 82 Resp: 236774
Ion Ratio Lower Upper
82 100
128 32.3 23.0 34.6
54 38.4 28.7 43.1

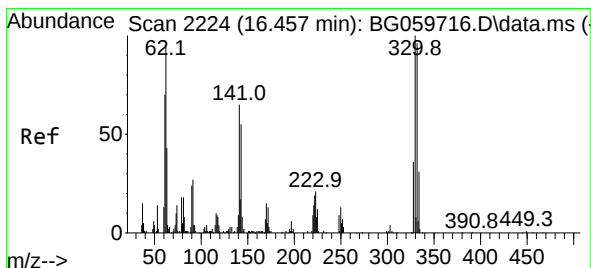
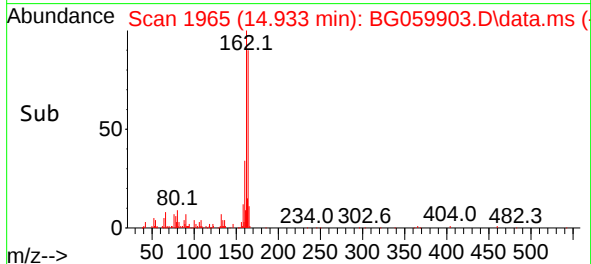
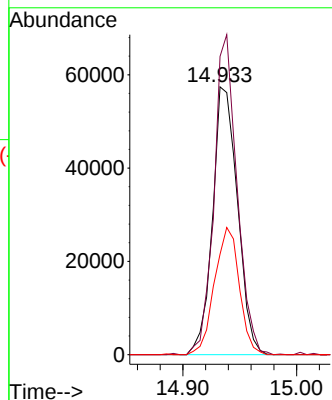
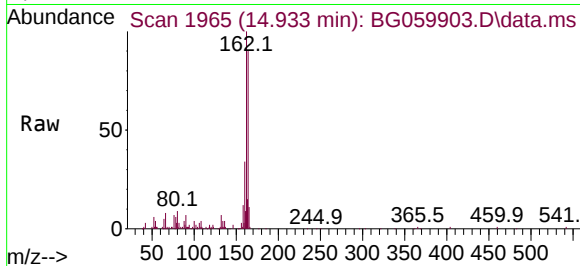




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

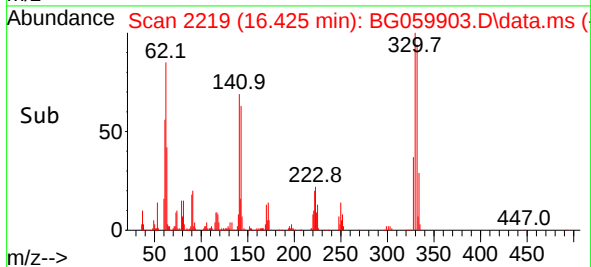
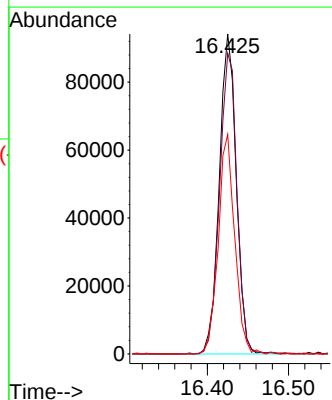
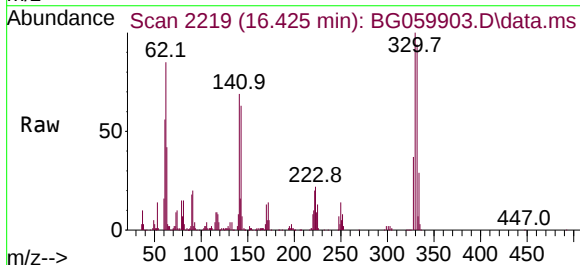
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

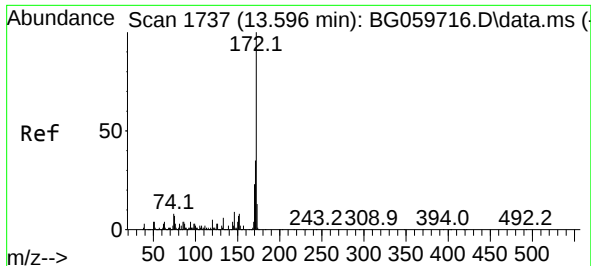
Tgt Ion:164 Resp: 87395
Ion Ratio Lower Upper
164 100
162 111.3 73.3 109.9#
160 37.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 138.073 ng
RT: 16.425 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:330 Resp: 136914
Ion Ratio Lower Upper
330 100
332 96.4 73.3 109.9
141 66.7 52.1 78.1

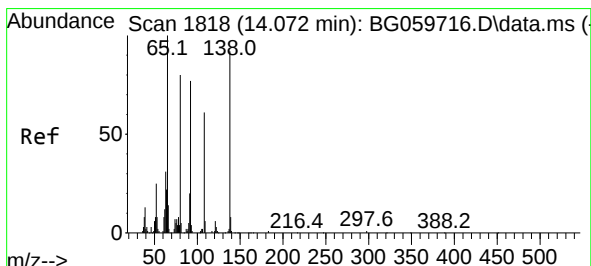
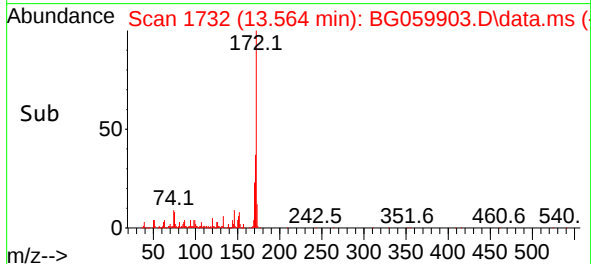
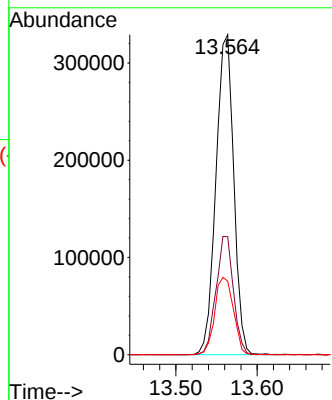
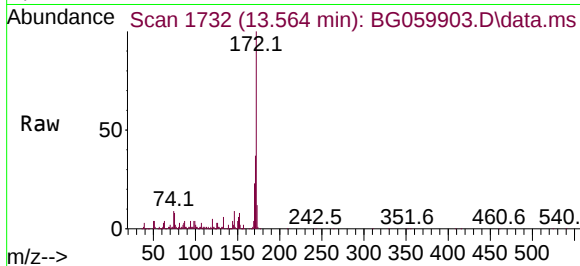




#45
2-Fluorobiphenyl
Concen: 77.242 ng
RT: 13.564 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

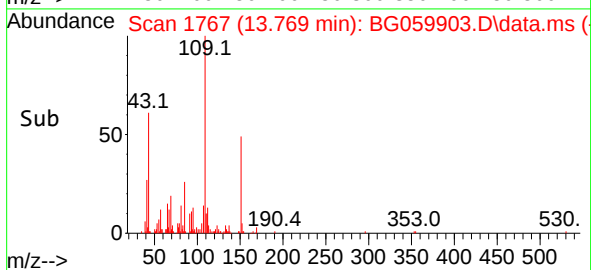
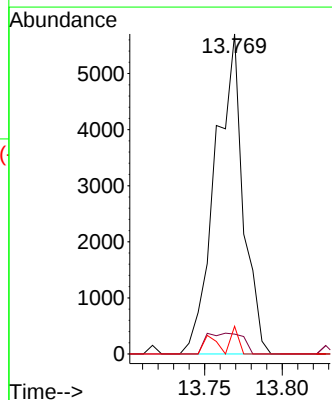
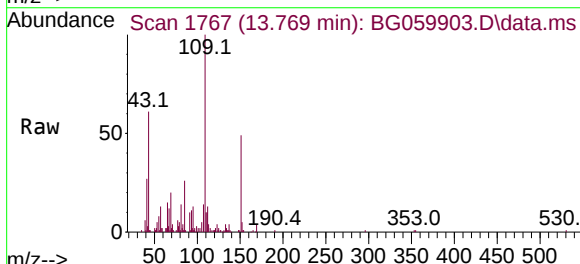
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

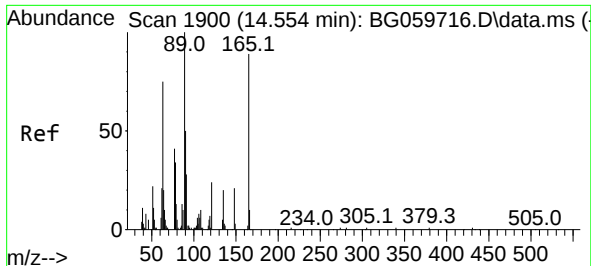
Tgt Ion:172 Resp: 501509
Ion Ratio Lower Upper
172 100
171 36.8 27.7 41.5
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 4.228 ng
RT: 13.769 min Scan# 1767
Delta R.T. -0.282 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion: 65 Resp: 7116
Ion Ratio Lower Upper
65 100
92 6.2 61.2 91.8#
138 8.7 73.8 110.6#

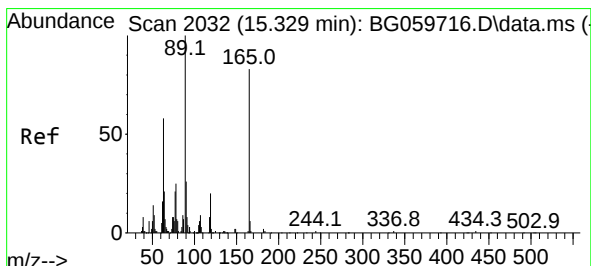
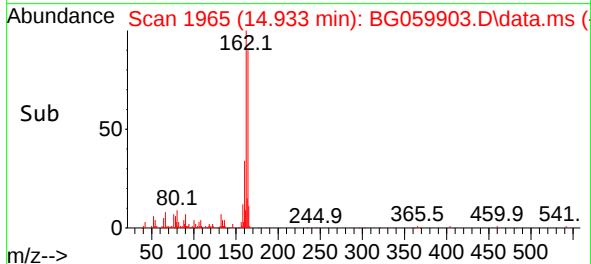
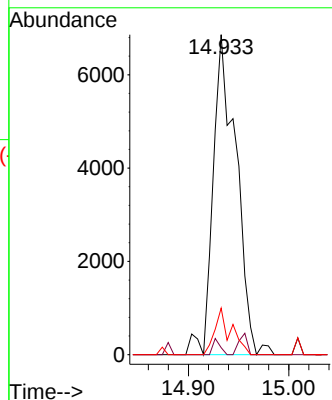
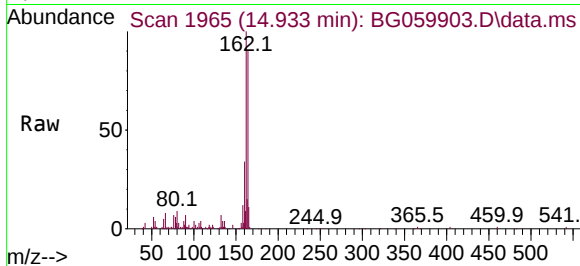




#51
2,6-Dinitrotoluene
Concen: 8.579 ng
RT: 14.933 min Scan# 1965
Delta R.T. 0.405 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

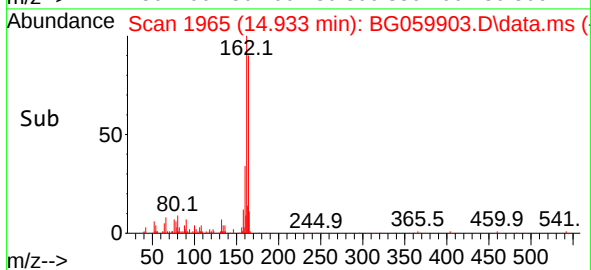
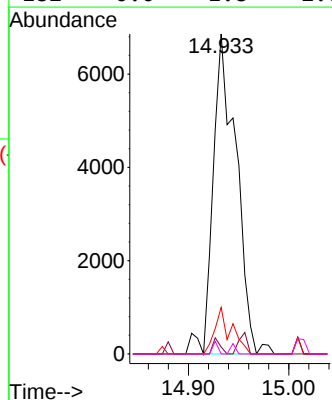
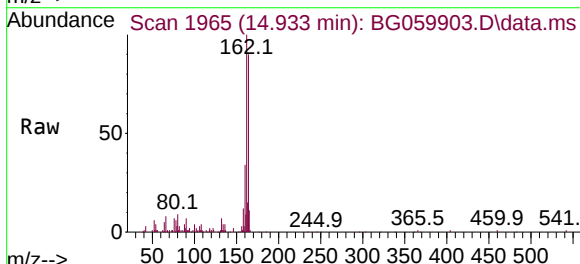
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ClientSampleId :
O-5(5-10)

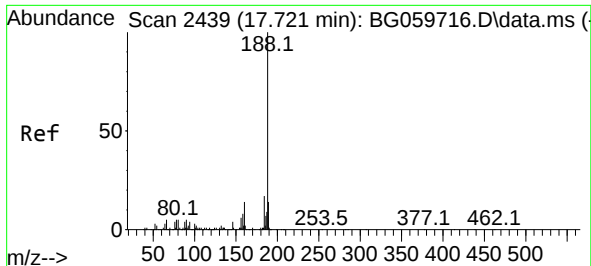
Tgt Ion:165 Resp: 11023
Ion Ratio Lower Upper
165 100
63 2.2 75.3 112.9#
89 14.6 90.9 136.3#



#57
2,4-Dinitrotoluene
Concen: 5.579 ng
RT: 14.933 min Scan# 1965
Delta R.T. -0.376 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:165 Resp: 11023
Ion Ratio Lower Upper
165 100
63 2.2 55.8 83.8#
89 14.6 96.9 145.3#
182 0.0 1.8 2.6#

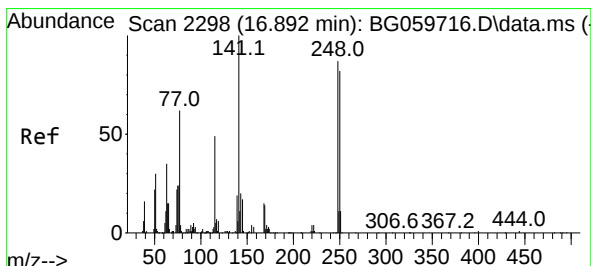
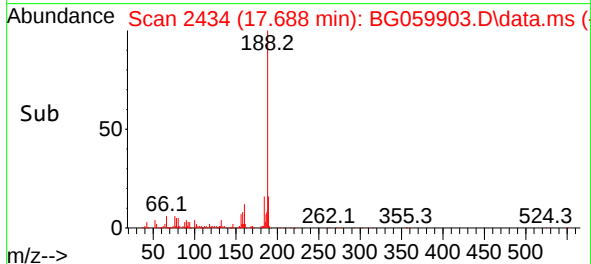
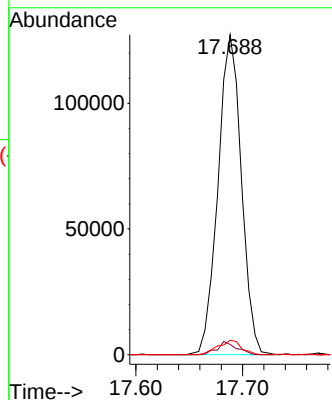
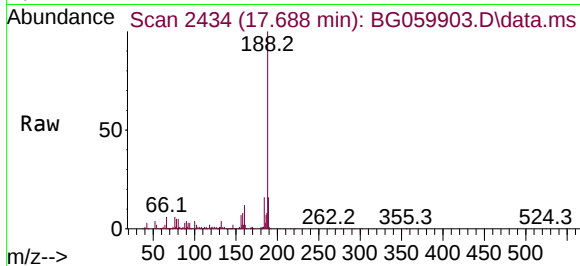




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.688 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

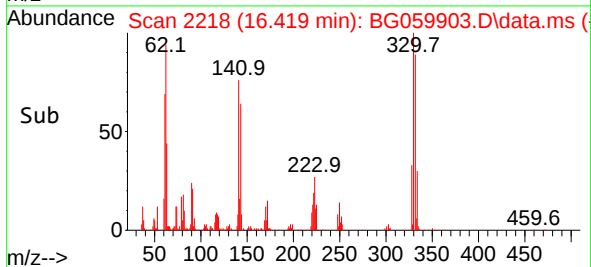
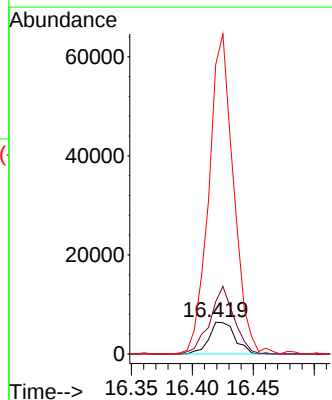
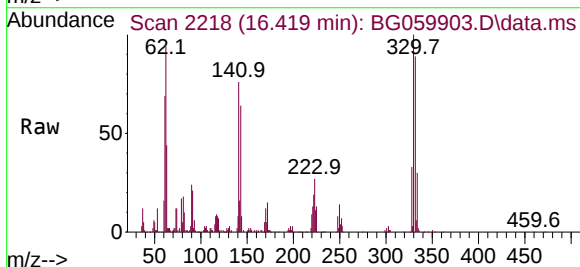
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

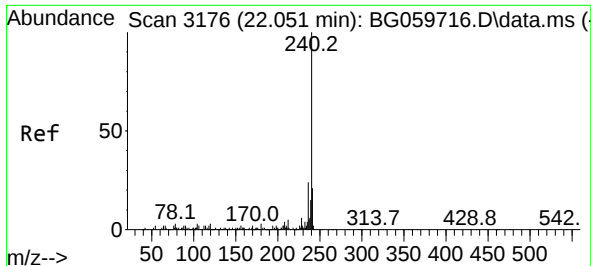
Tgt Ion:188 Resp: 193257
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.4
80 4.5 4.2 6.4



#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.419 min Scan# 2218
Delta R.T. -0.447 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:248 Resp: 9532
Ion Ratio Lower Upper
248 100
250 164.6 75.2 112.8#
141 911.8 91.5 137.3#

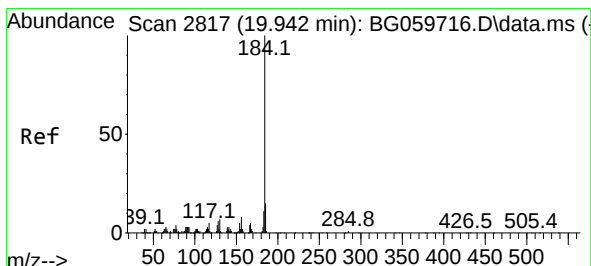
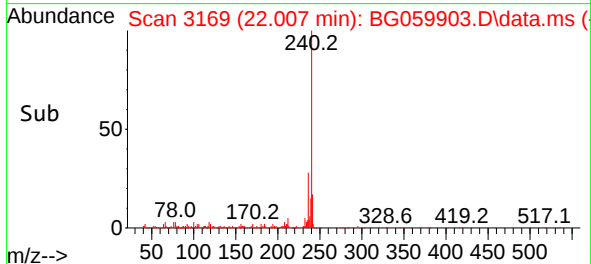
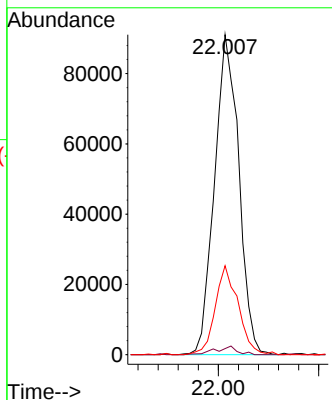
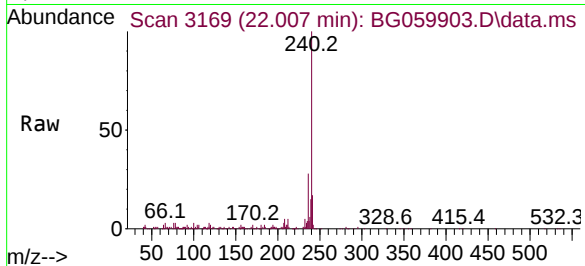




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

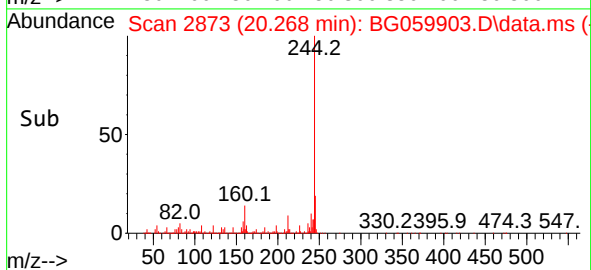
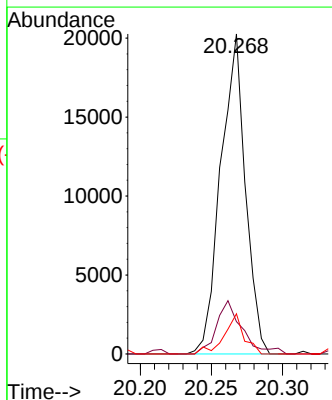
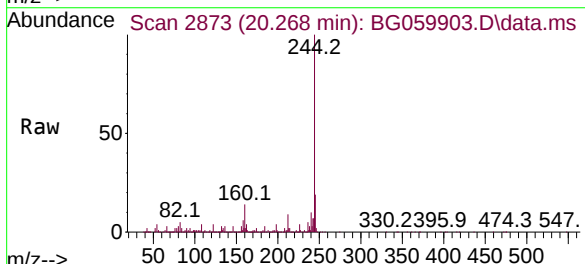
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

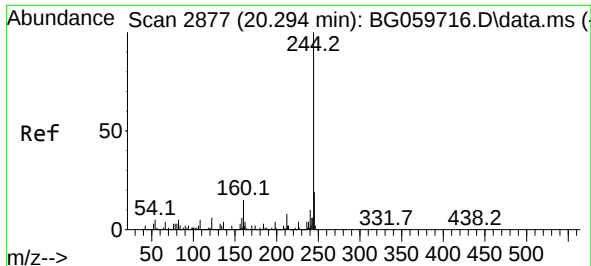
Tgt Ion:240 Resp: 152814
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 27.8 19.4 29.2



#77
Benzidine
Concen: 7.046 ng
RT: 20.268 min Scan# 2873
Delta R.T. 0.353 min
Lab File: BG059903.D
Acq: 27 Nov 2023 15:34

Tgt Ion:184 Resp: 24417
Ion Ratio Lower Upper
184 100
185 10.1 12.2 18.2#
183 12.5 8.8 13.2

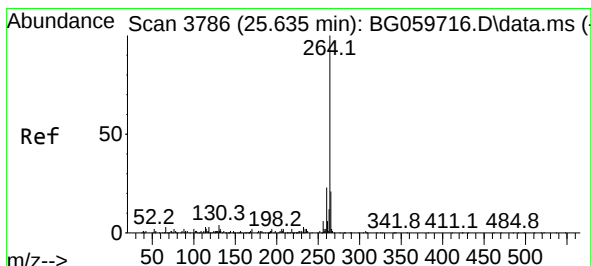
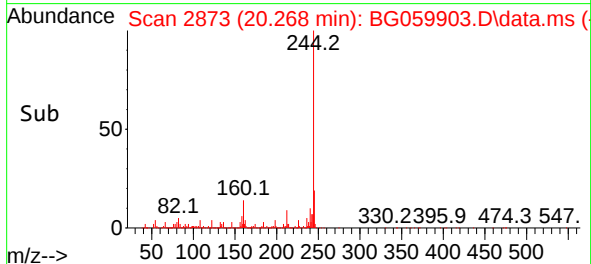
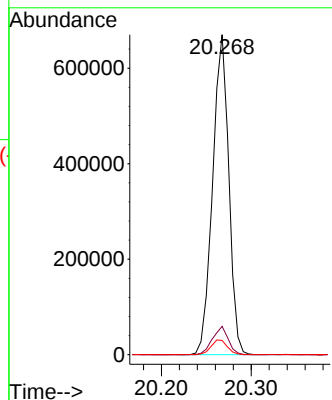
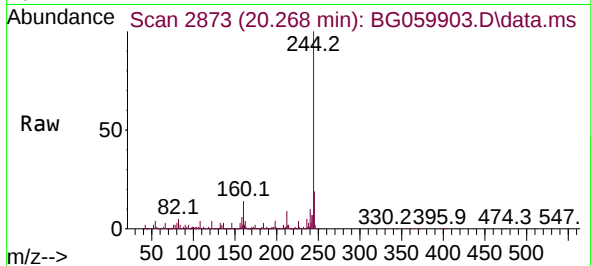




#79
 Terphenyl-d14
 Concen: 80.861 ng
 RT: 20.268 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG059903.D
 Acq: 27 Nov 2023 15:34

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)

Tgt Ion:244 Resp: 837032
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 4.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.567 min Scan# 3775
 Delta R.T. -0.012 min
 Lab File: BG059903.D
 Acq: 27 Nov 2023 15:34

Tgt Ion:264 Resp: 174679
 Ion Ratio Lower Upper
 264 100
 260 33.2 18.5 27.7#
 265 21.3 17.0 25.6

