

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059805.D
 Acq On : 21 Nov 2023 23:47
 Operator : MA/JU
 Sample : 05379-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Quant Time: Nov 22 00:34:59 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 17 01:51:38 2023
 Response via : Initial Calibration

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

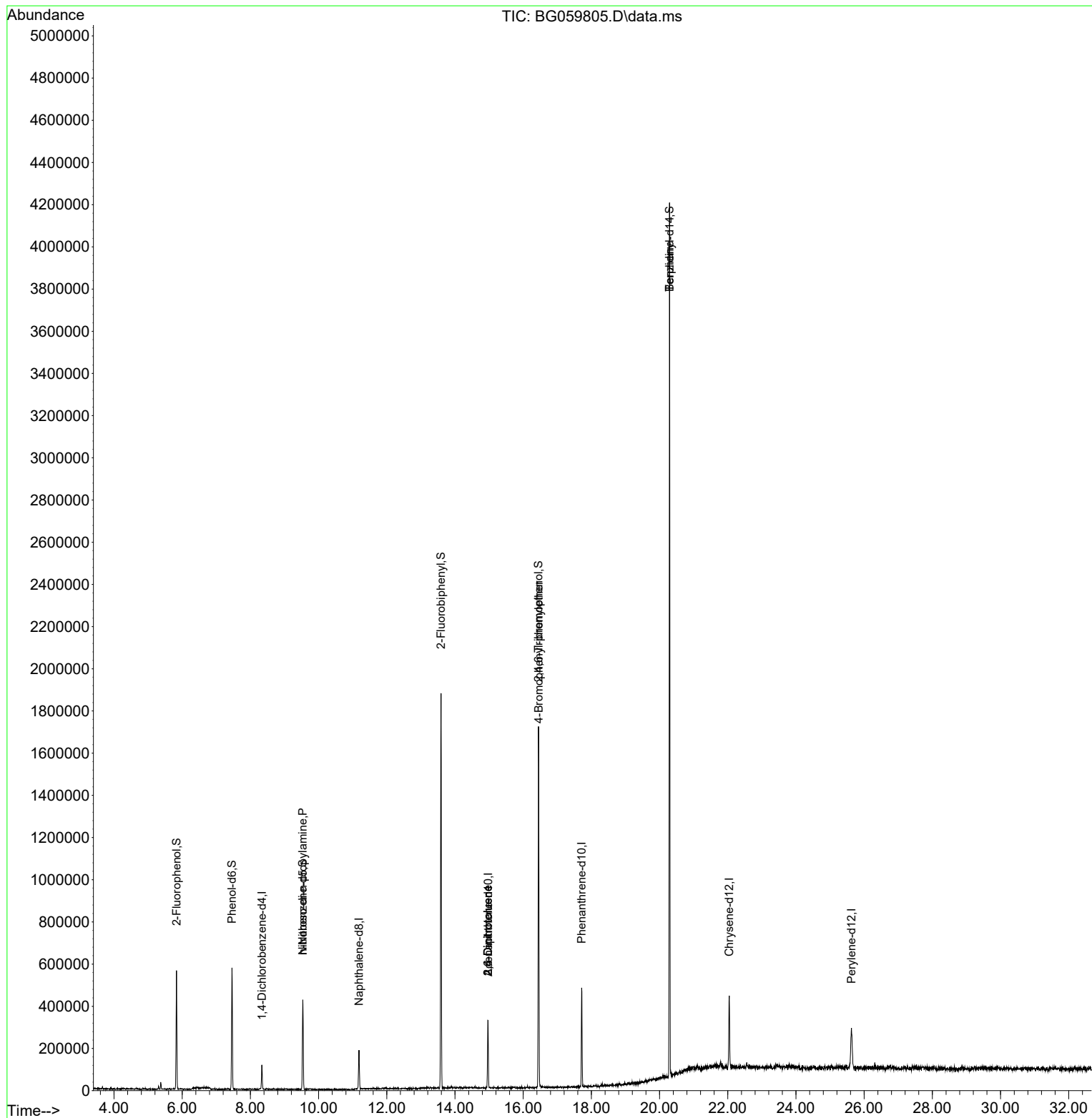
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	23537	20.000	ng	# 0.00
21) Naphthalene-d8	11.186	136	123401	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	106515	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	247194	20.000	ng	0.00
76) Chrysene-d12	22.038	240	196429	20.000	ng	-0.01
86) Perylene-d12	25.628	264	225946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	186169	133.130	ng	0.00
7) Phenol-d6	7.461	99	257333	124.178	ng	0.00
23) Nitrobenzene-d5	9.535	82	265011	82.020	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	238928	197.699	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	815728	103.085	ng	0.00
79) Terphenyl-d14	20.293	244	1643077	123.484	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.535	70	44987	27.567	ng	# 83
51) 2,6-Dinitrotoluene	14.964	165	14203	9.070	ng	# 1
57) 2,4-Dinitrotoluene	14.964	165	14203	5.898	ng	# 1
67) 4-Bromophenyl-phenylether	16.456	248	17089	6.435	ng	# 1
77) Benzidine	20.293	184	51788	11.627	ng	# 89

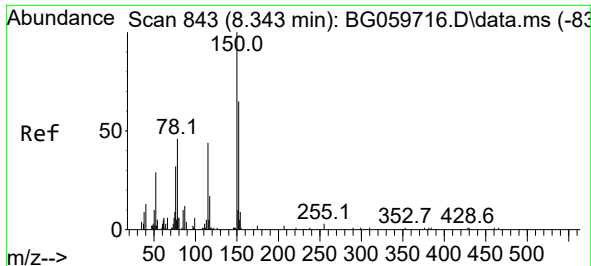
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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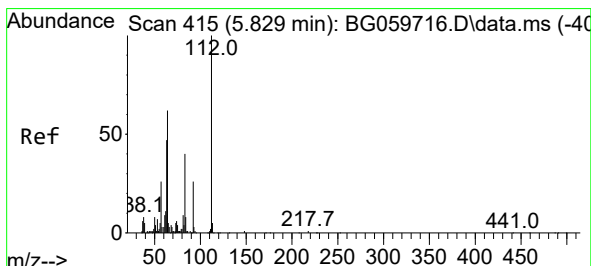
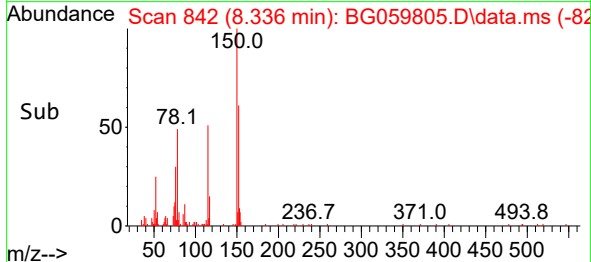
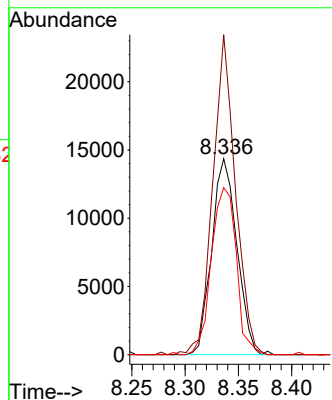
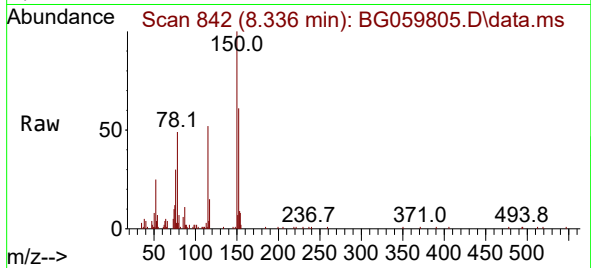




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

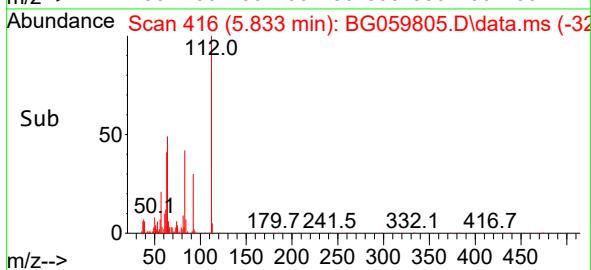
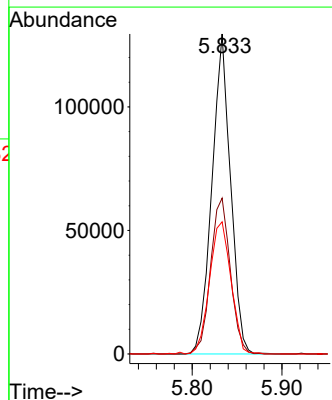
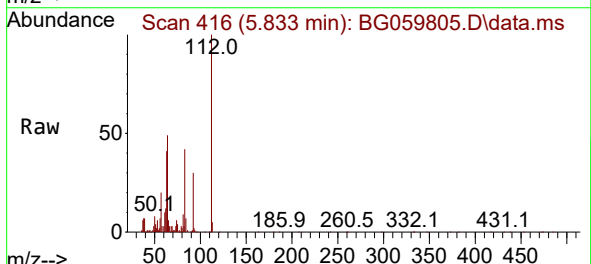
Instrument :
BNA_G
ClientSampleId :
WC-9

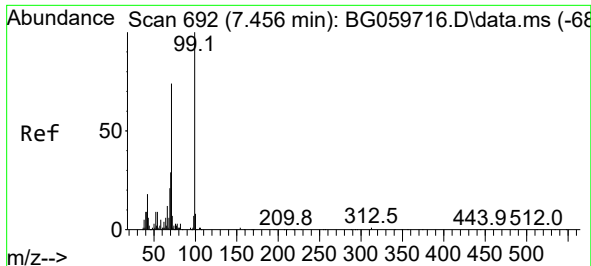
Tgt Ion:152 Resp: 23537
Ion Ratio Lower Upper
152 100
150 163.2 122.2 183.4
115 85.2 54.2 81.4#



#5
2-Fluorophenol
Concen: 133.130 ng
RT: 5.833 min Scan# 416
Delta R.T. 0.005 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion:112 Resp: 186169
Ion Ratio Lower Upper
112 100
64 48.7 49.5 74.3#
63 41.3 37.4 56.2

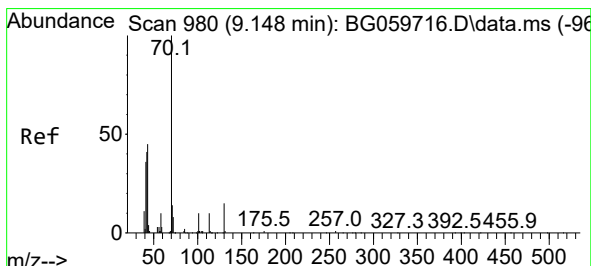
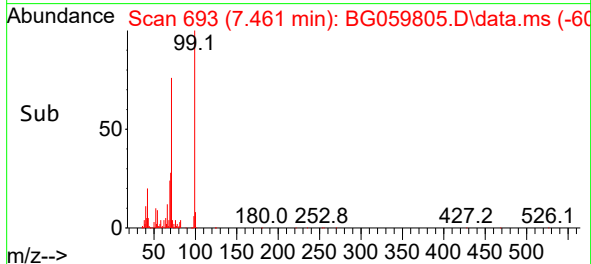
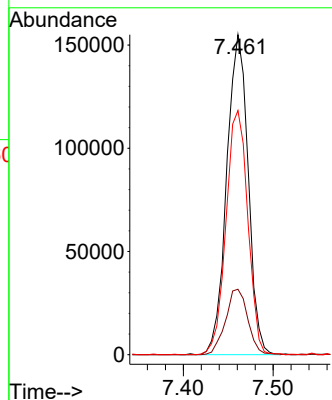
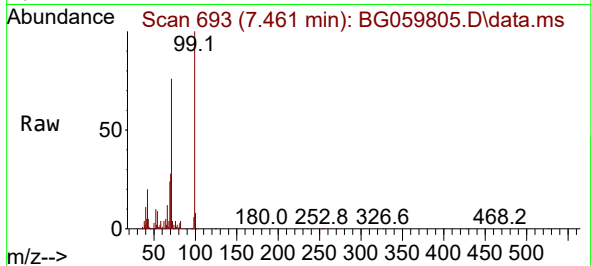




#7
Phenol-d6
Concen: 124.178 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

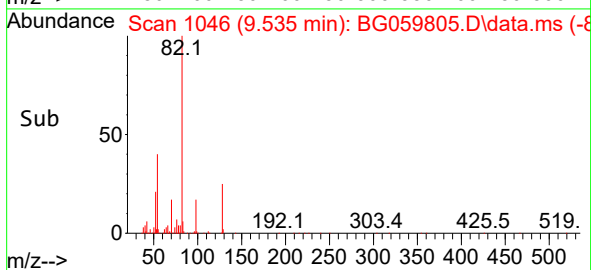
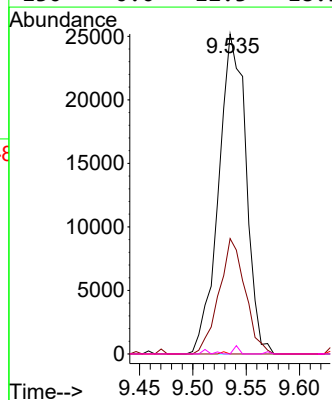
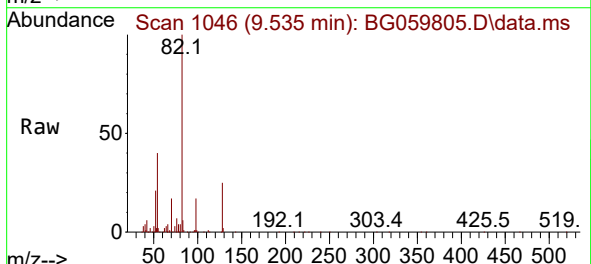
Instrument :
BNA_G
ClientSampleId :
WC-9

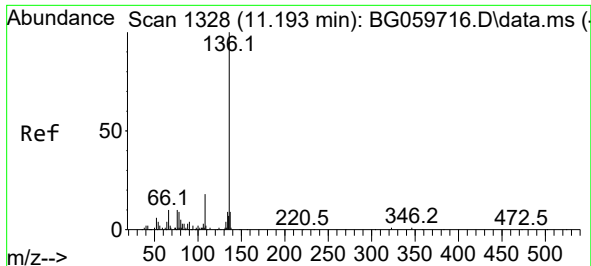
Tgt Ion: 99 Resp: 257333
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 76.3 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 27.567 ng
RT: 9.535 min Scan# 1046
Delta R.T. 0.387 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion: 70 Resp: 44987
Ion Ratio Lower Upper
70 100
42 36.0 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

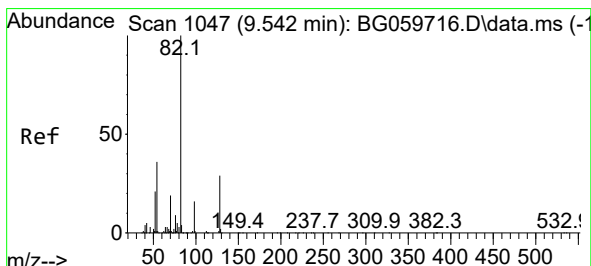
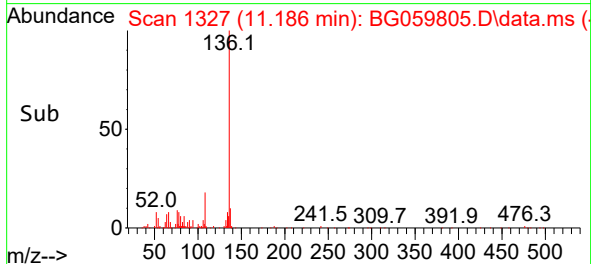
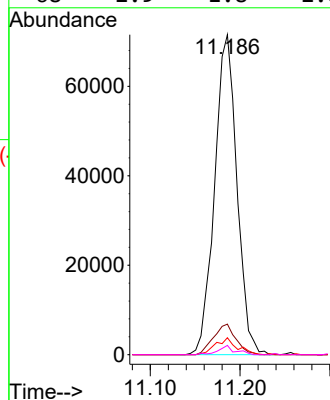
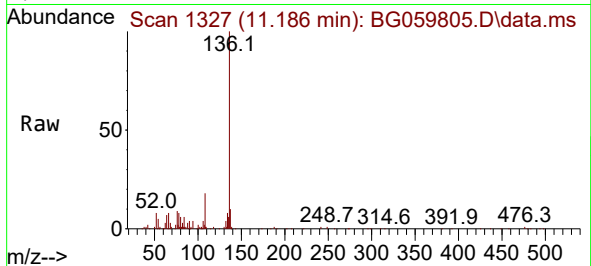




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

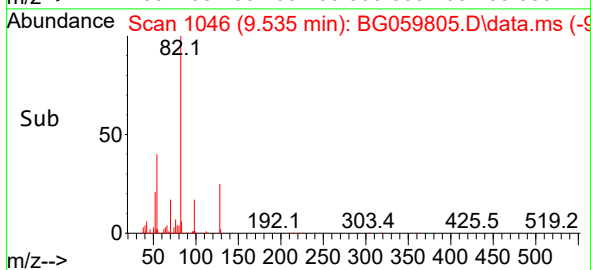
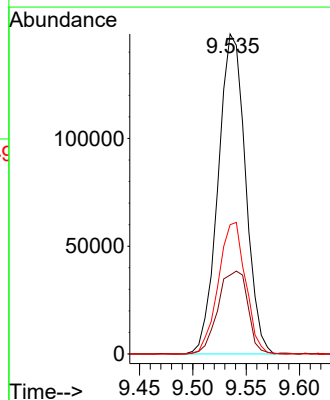
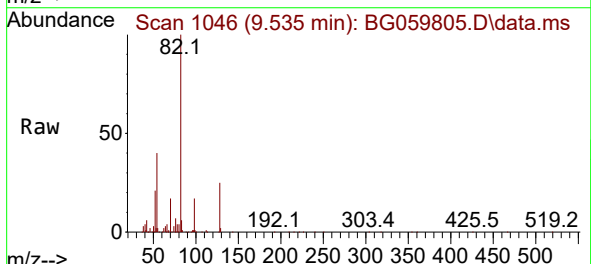
Instrument :
BNA_G
ClientSampleId :
WC-9

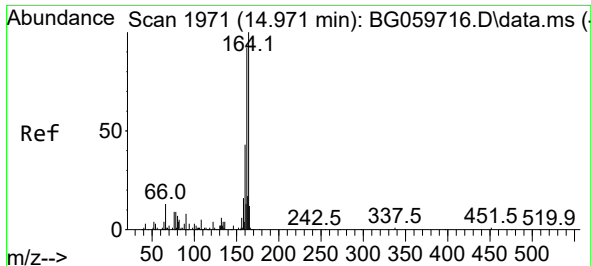
Tgt Ion:136 Resp: 123401
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.0
54 5.3 3.1 4.7#
68 2.9 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 82.020 ng
RT: 9.535 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion: 82 Resp: 265011
Ion Ratio Lower Upper
82 100
128 24.7 23.0 34.6
54 40.4 28.7 43.1

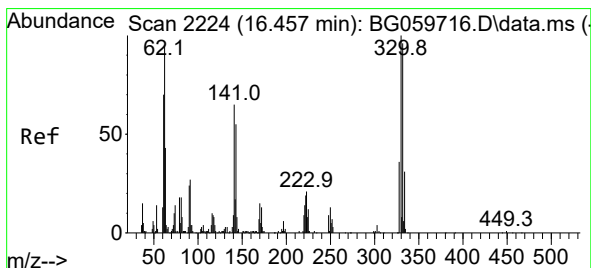
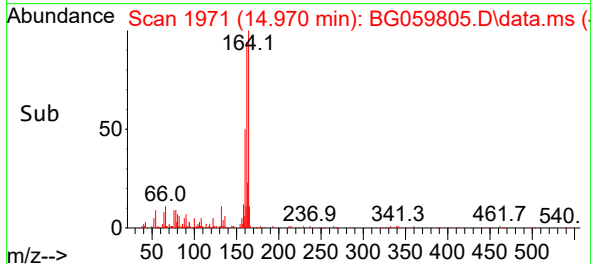
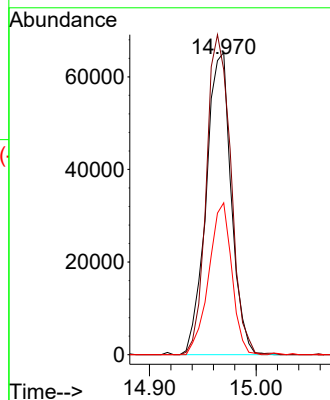
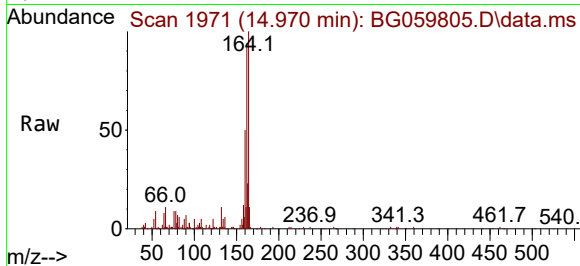




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

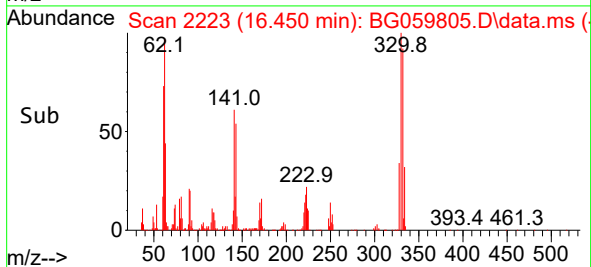
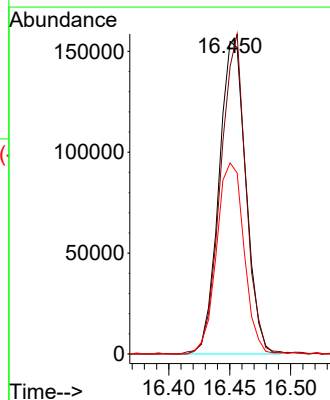
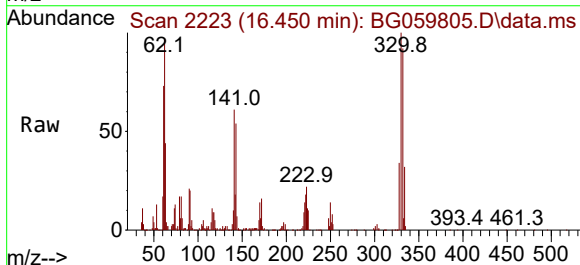
Instrument :
BNA_G
ClientSampleId :
WC-9

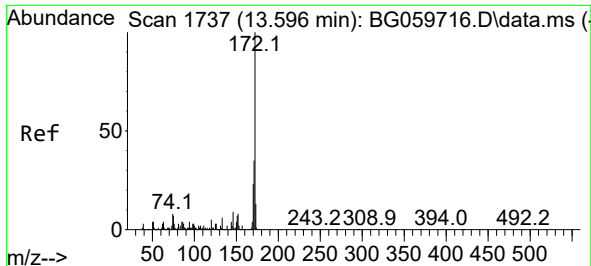
Tgt Ion:164 Resp: 106515
Ion Ratio Lower Upper
164 100
162 94.3 73.3 109.9
160 50.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 197.699 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion:330 Resp: 238928
Ion Ratio Lower Upper
330 100
332 95.9 73.3 109.9
141 62.3 52.1 78.1

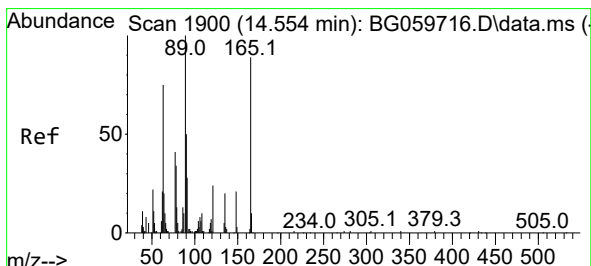
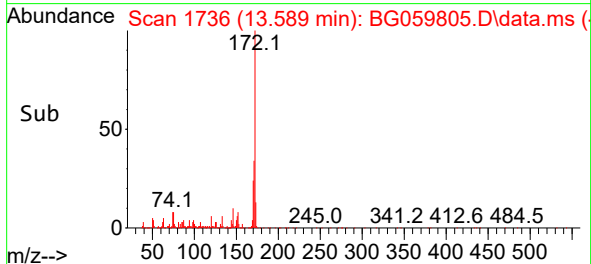
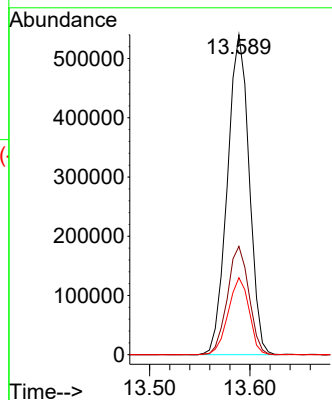
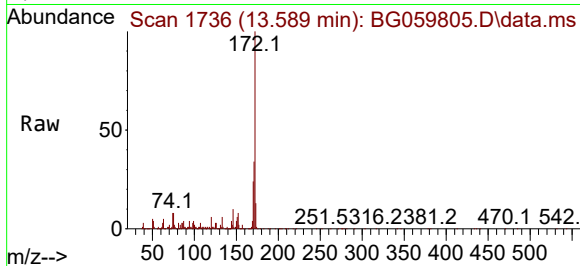




#45
2-Fluorobiphenyl
Concen: 103.085 ng
RT: 13.589 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

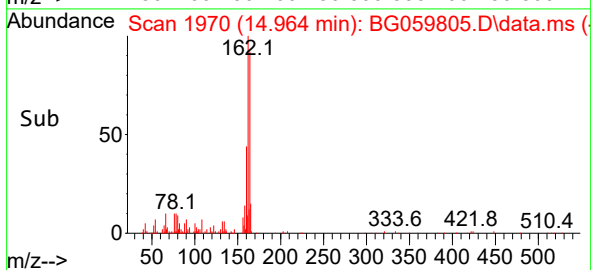
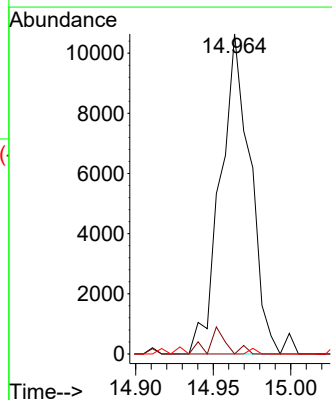
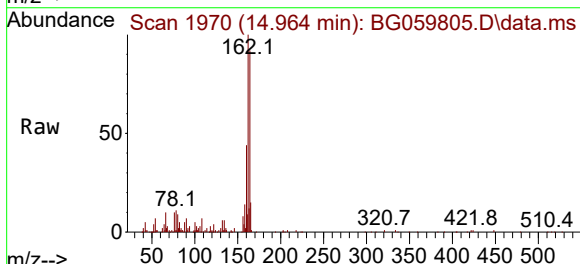
Instrument :
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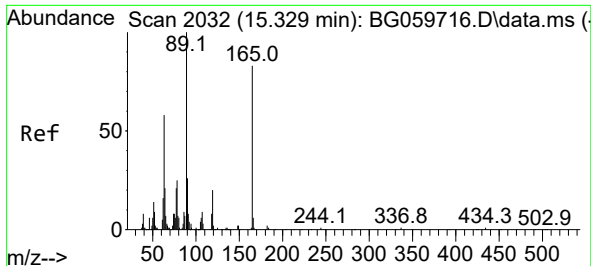
Tgt Ion:172 Resp: 815728
Ion Ratio Lower Upper
172 100
171 33.9 27.7 41.5
170 24.1 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.070 ng
RT: 14.964 min Scan# 1970
Delta R.T. 0.410 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion:165 Resp: 14203
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 0.0 90.9 136.3#

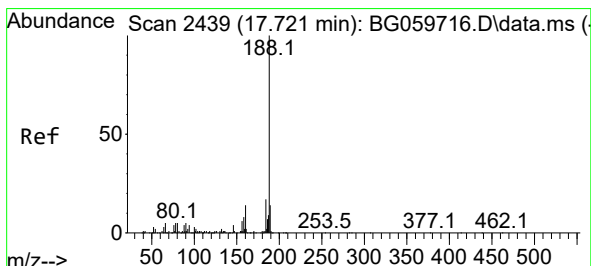
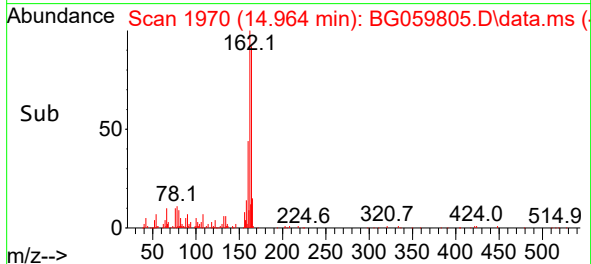
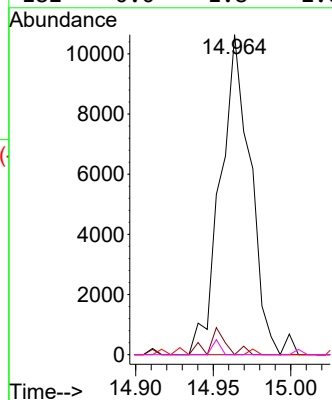
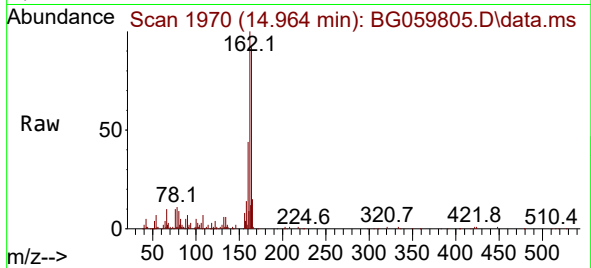




#57
2,4-Dinitrotoluene
Concen: 5.898 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.366 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

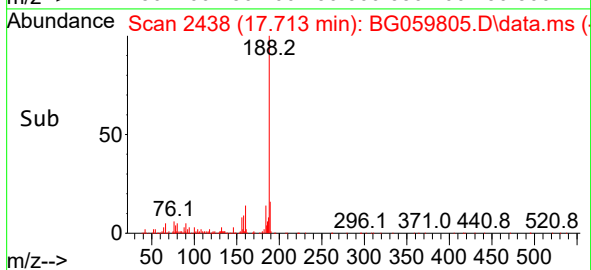
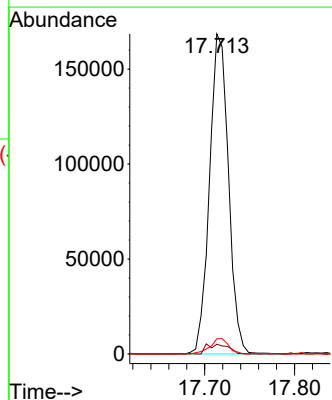
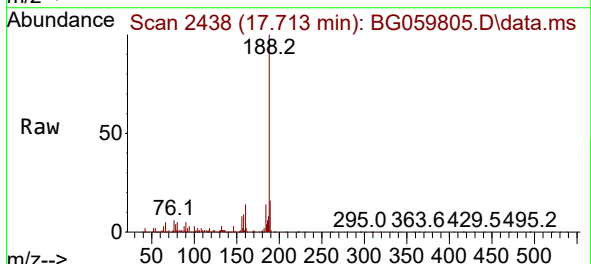
Instrument :
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WC-9

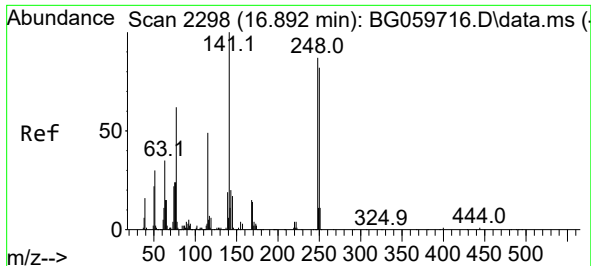
Tgt Ion:165 Resp: 14203
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 0.0 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion:188 Resp: 247194
Ion Ratio Lower Upper
188 100
94 3.1 3.0 4.4
80 4.7 4.2 6.4

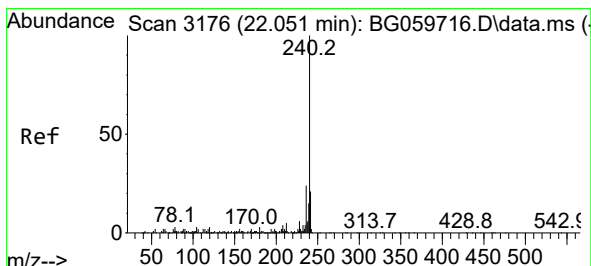
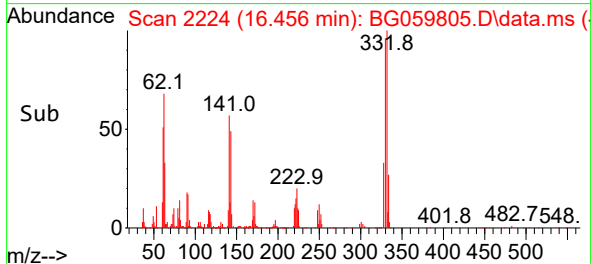
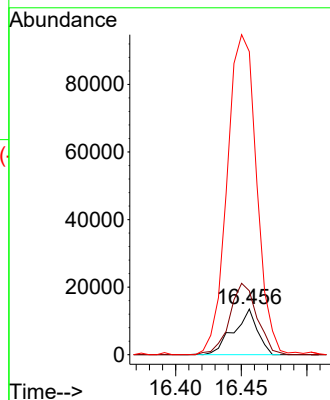
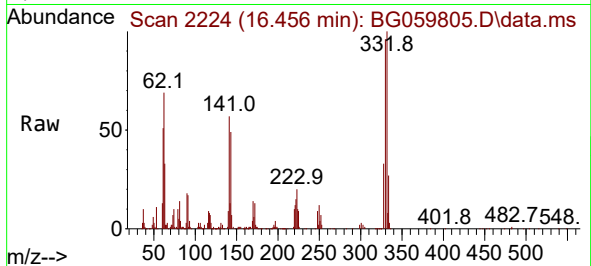




#67
4-Bromophenyl-phenylether
Concen: 6.435 ng
RT: 16.456 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

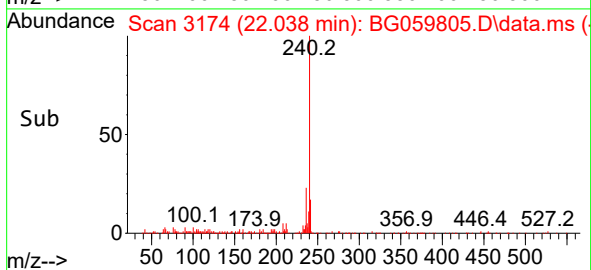
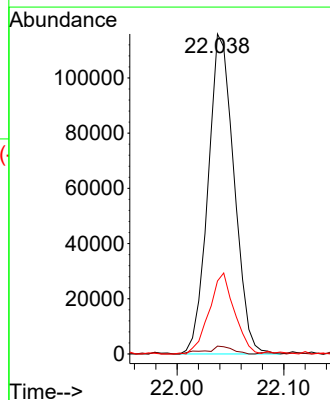
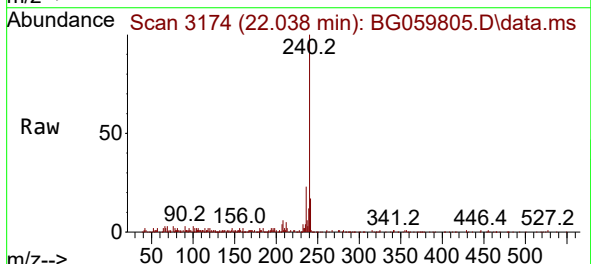
Instrument :
BNA_G
ClientSampleId :
WC-9

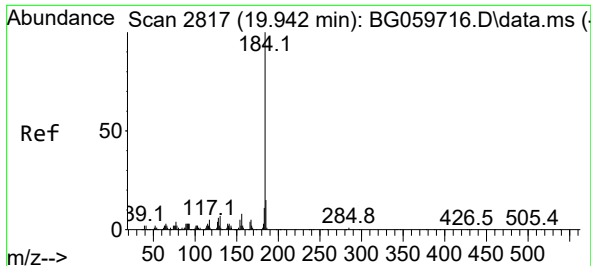
Tgt Ion:248 Resp: 17089
Ion Ratio Lower Upper
248 100
250 140.1 75.2 112.8#
141 664.7 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.038 min Scan# 3174
Delta R.T. -0.013 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Tgt Ion:240 Resp: 196429
Ion Ratio Lower Upper
240 100
120 2.5 2.2 3.2
236 22.8 19.4 29.2

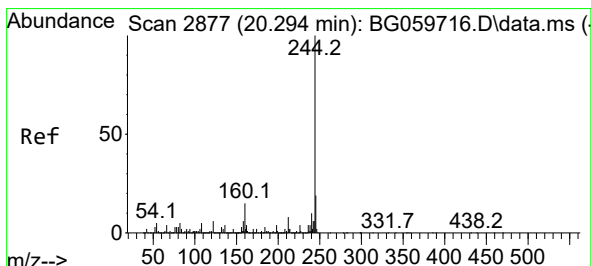
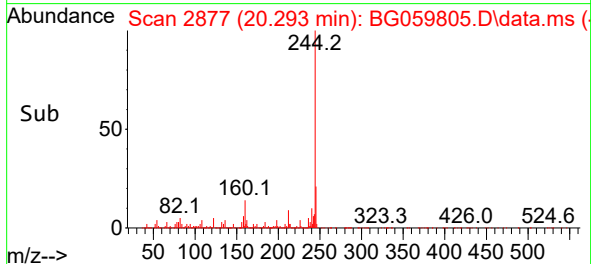
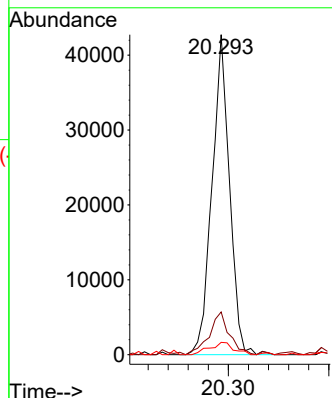
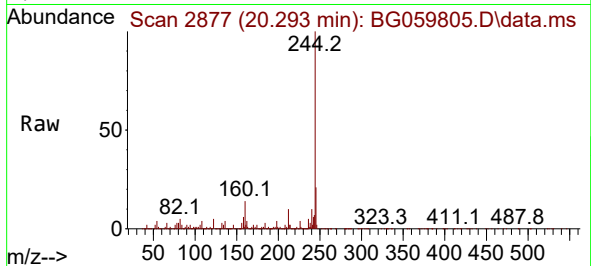




#77
Benzidine
Concen: 11.627 ng
RT: 20.293 min Scan# 2877
Delta R.T. 0.351 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

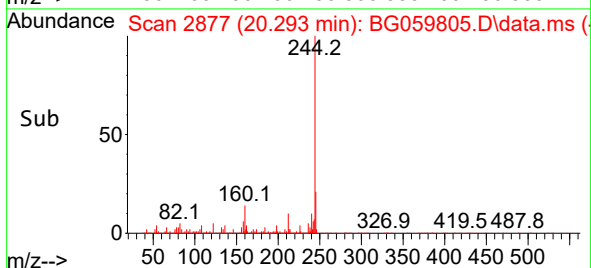
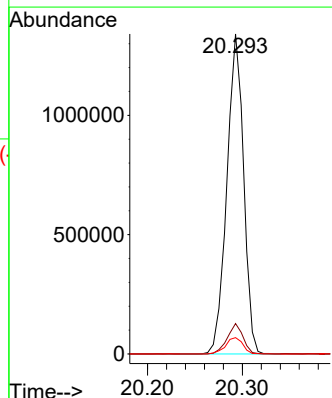
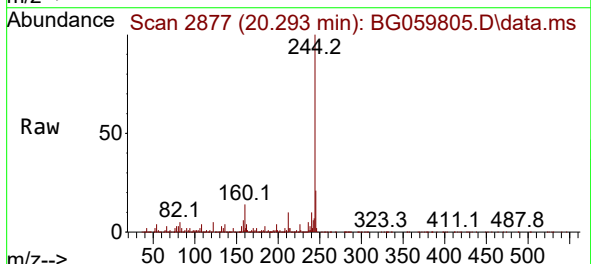
Instrument :
BNA_G
ClientSampleId :
WC-9

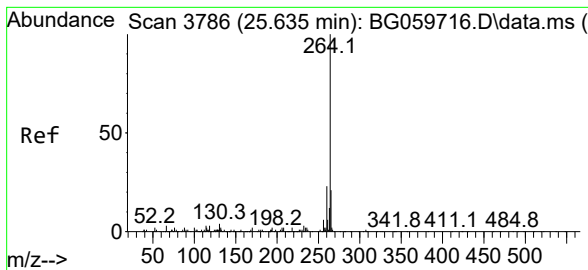
Tgt Ion:184 Resp: 51788
Ion Ratio Lower Upper
184 100
185 13.3 12.2 18.2
183 3.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 123.484 ng
RT: 20.293 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

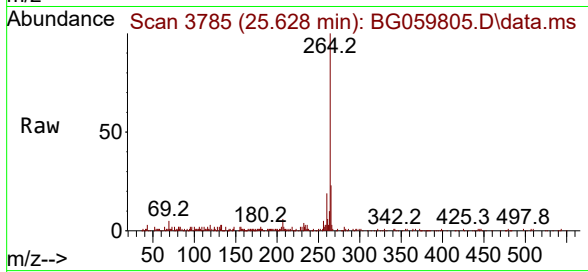
Tgt Ion:244 Resp: 1643077
Ion Ratio Lower Upper
244 100
212 9.5 6.6 10.0
122 5.1 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.628 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG059805.D
Acq: 21 Nov 2023 23:47

Instrument :
BNA_G
ClientSampleId :
WC-9



Tgt Ion:264 Resp: 225946

Ion	Ratio	Lower	Upper
264	100		
260	18.8	18.5	27.7
265	23.2	17.0	25.6

