

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059730.D
 Acq On : 17 Nov 2023 13:47
 Operator : MA/JU
 Sample : 05388-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 17 14:23:27 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)

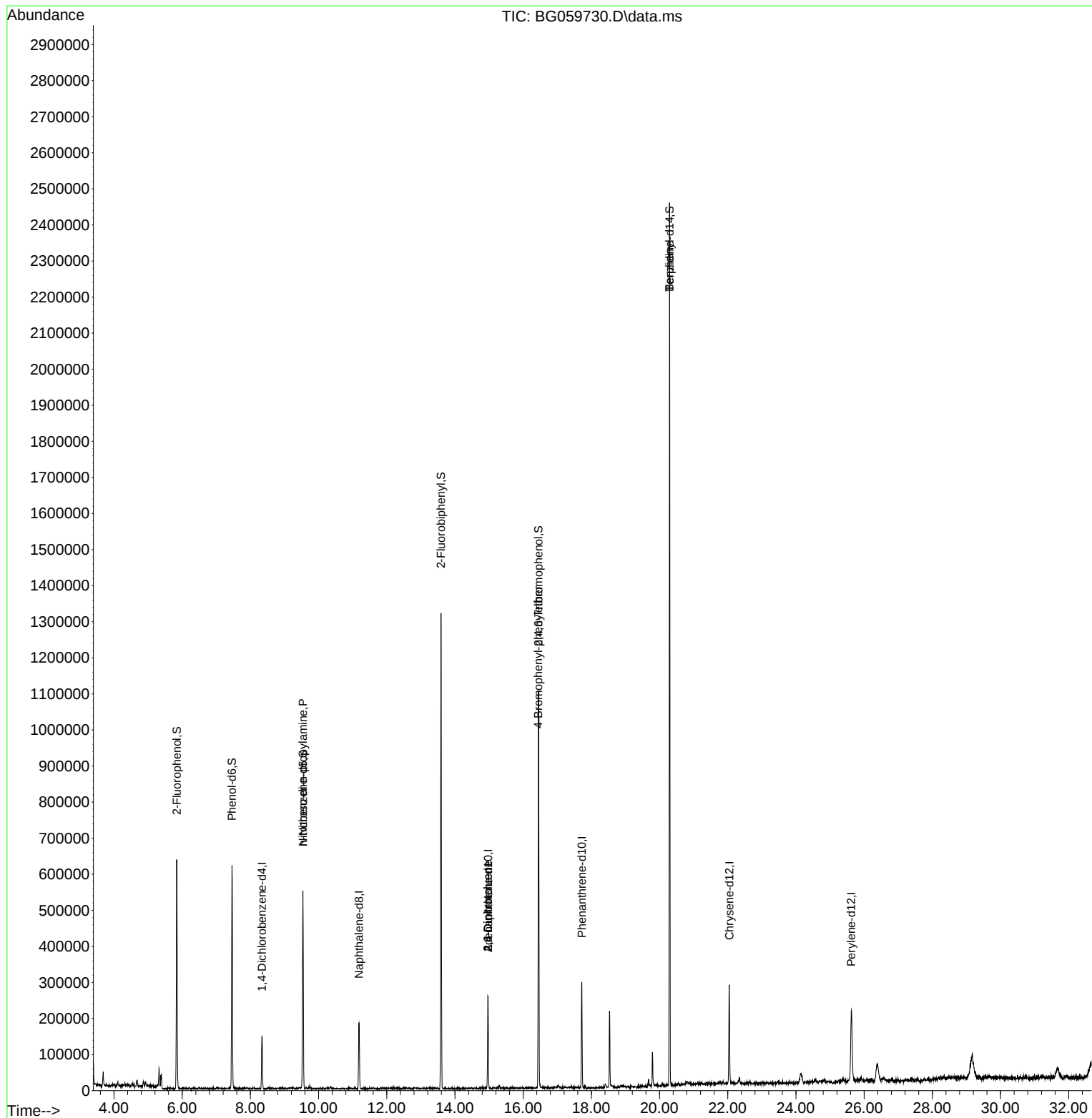
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	31322	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	132412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	86556	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	167287	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	157440	20.000	ng	0.00
86) Perylene-d12	25.622	264	231234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	233897	125.688	ng	0.01
7) Phenol-d6	7.461	99	287280	104.173	ng	0.00
23) Nitrobenzene-d5	9.541	82	340112	98.100	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	135403	137.873	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	541065	84.142	ng	0.00
79) Terphenyl-d14	20.293	244	940701	88.205	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.541	70	52927	24.372	ng	# 84
51) 2,6-Dinitrotoluene	14.964	165	10796	8.484	ng	# 2
57) 2,4-Dinitrotoluene	14.964	165	10796	5.517	ng	# 5
67) 4-Bromophenyl-phenylether	16.445	248	10243	5.700	ng	# 1
77) Benzidine	20.293	184	27781	7.782	ng	# 89

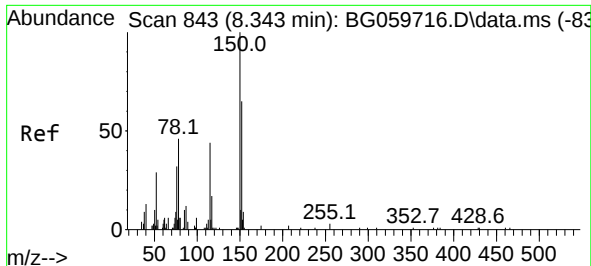
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059730.D
Acq On : 17 Nov 2023 13:47
Operator : MA/JU
Sample : 05388-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

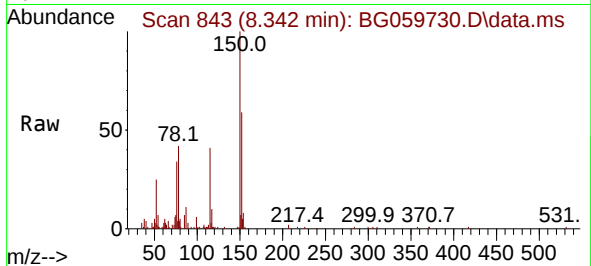
Quant Time: Nov 17 14:23:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration



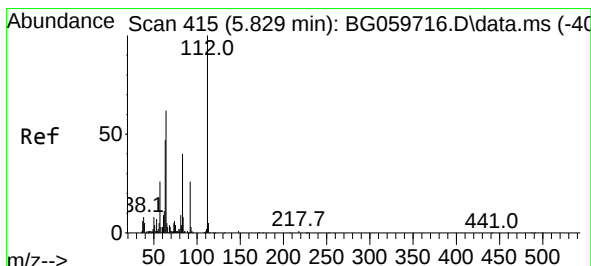
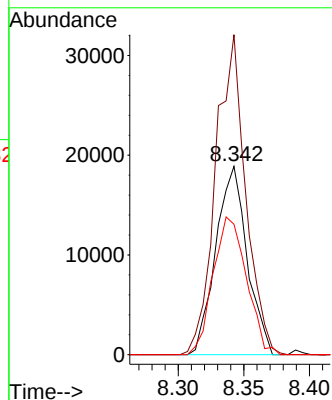
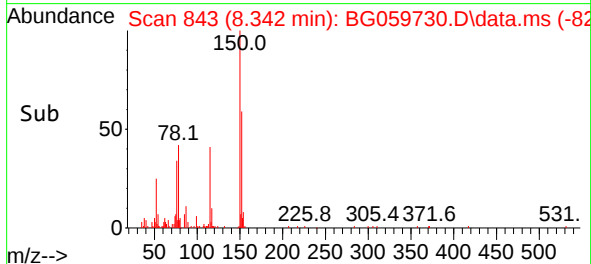


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 843
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

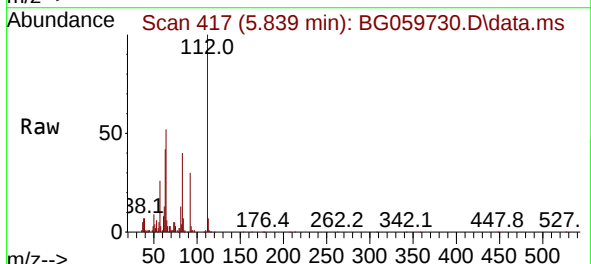
Instrument :
BNA_G
ClientSampleId :



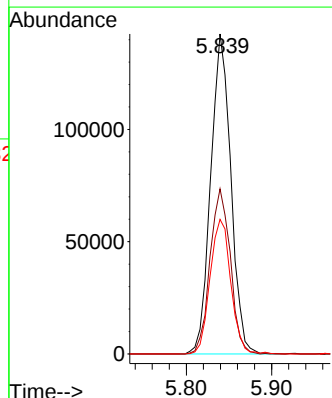
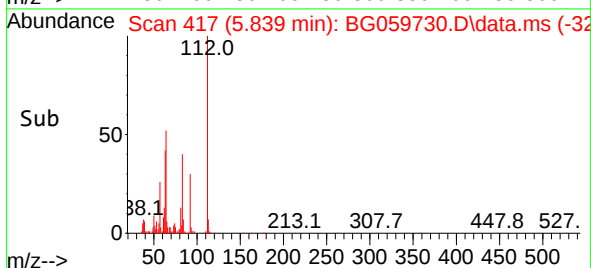
Tgt Ion:152 Resp: 31322
Ion Ratio Lower Upper
152 100
150 169.9 122.2 183.4
115 69.2 54.2 81.4

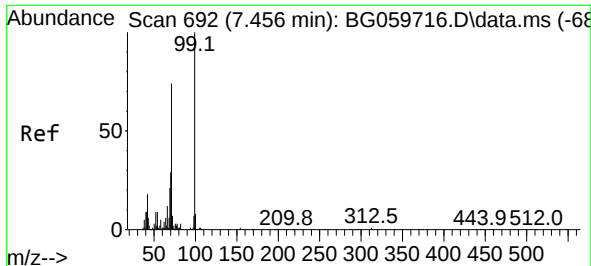


#5
2-Fluorophenol
Concen: 125.688 ng
RT: 5.839 min Scan# 417
Delta R.T. 0.011 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47



Tgt Ion:112 Resp: 233897
Ion Ratio Lower Upper
112 100
64 51.6 49.5 74.3
63 42.1 37.4 56.2

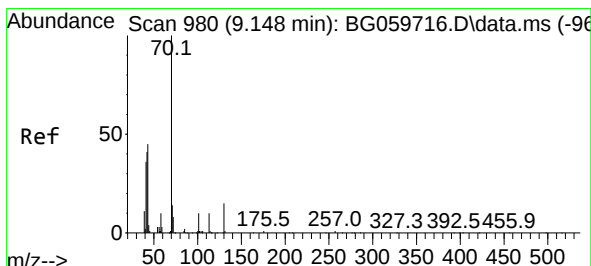
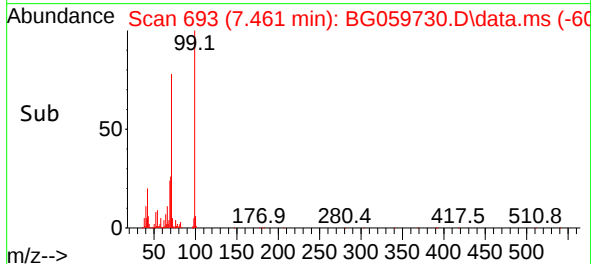
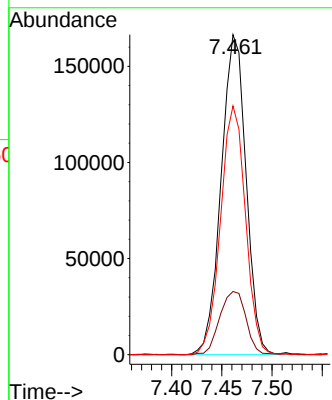
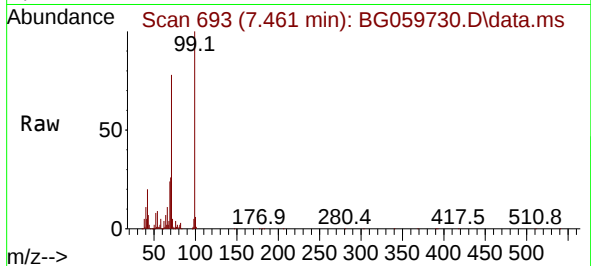




#7
Phenol-d6
Concen: 104.173 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

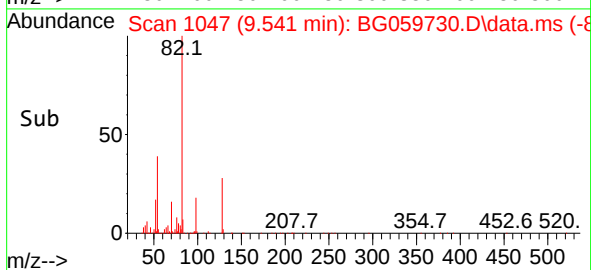
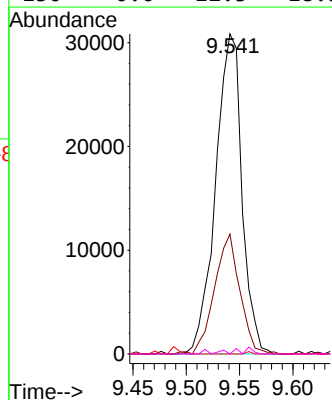
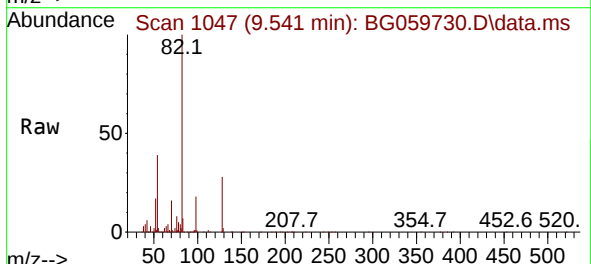
Instrument :
BNA_G
ClientSampleId :

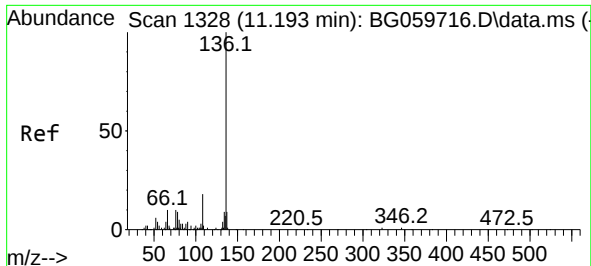
Tgt Ion: 99 Resp: 287280
Ion Ratio Lower Upper
99 100
42 19.8 14.3 21.5
71 77.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.372 ng
RT: 9.541 min Scan# 1047
Delta R.T. 0.393 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion: 70 Resp: 52927
Ion Ratio Lower Upper
70 100
42 37.4 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

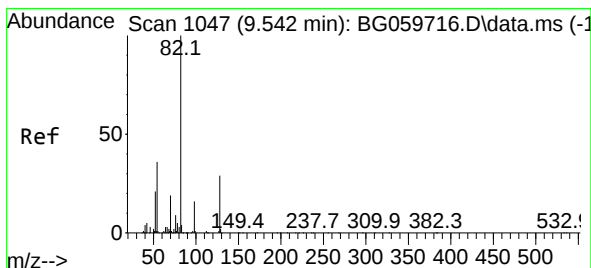
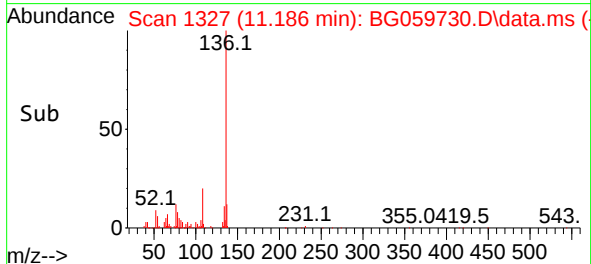
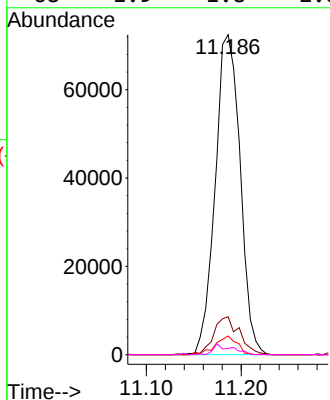
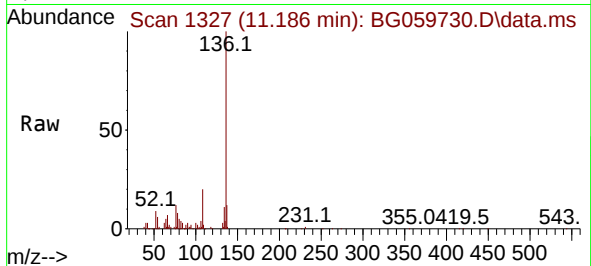




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11186
Delta R.T. -0.007 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

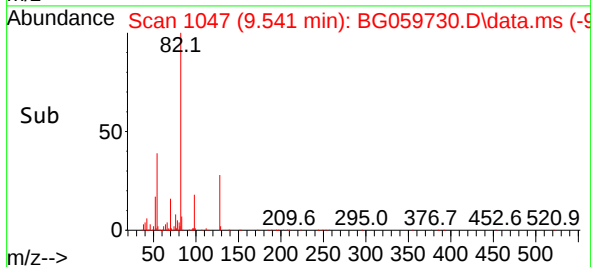
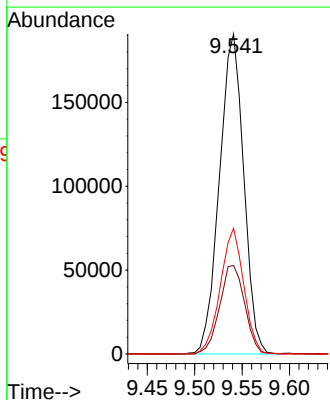
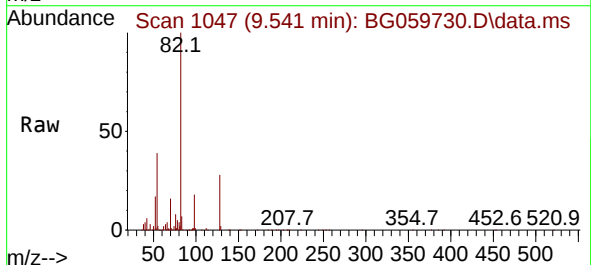
Instrument :
BNA_G
ClientSampleId :

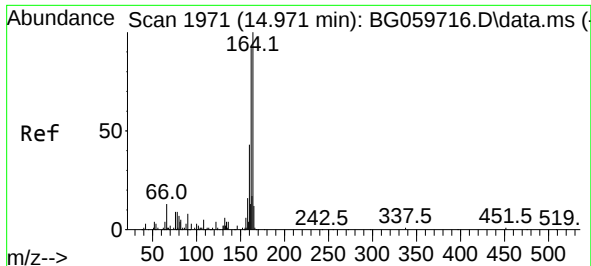
Tgt Ion:136 Resp: 132412
Ion Ratio Lower Upper
136 100
137 11.9 7.4 11.0#
54 5.9 3.1 4.7#
68 1.9 1.8 2.8



#23
Nitrobenzene-d5
Concen: 98.100 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion: 82 Resp: 340112
Ion Ratio Lower Upper
82 100
128 27.7 23.0 34.6
54 39.3 28.7 43.1

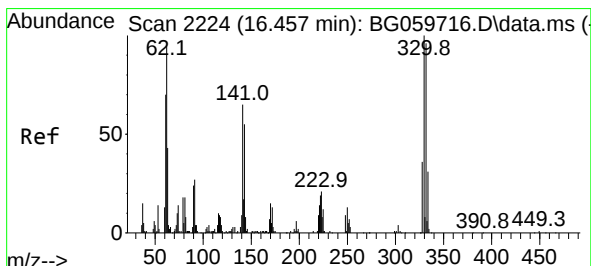
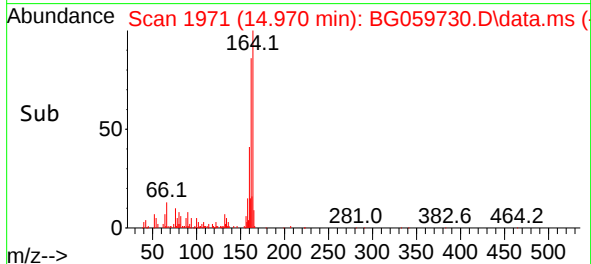
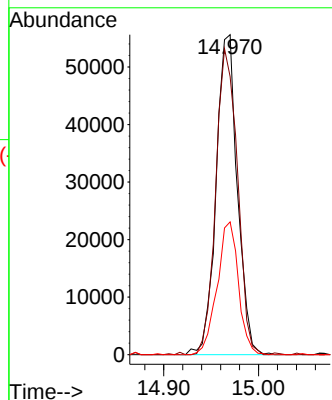
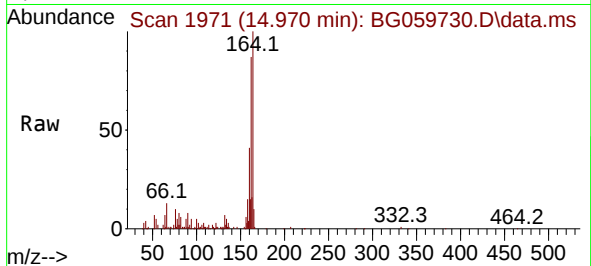




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

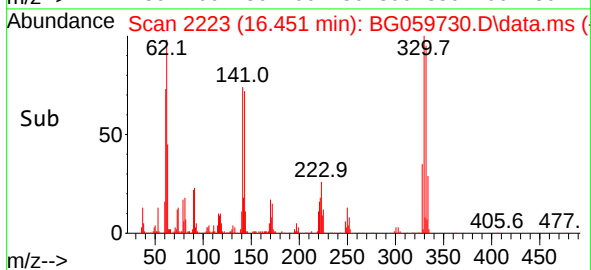
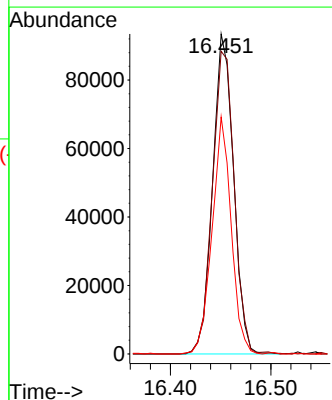
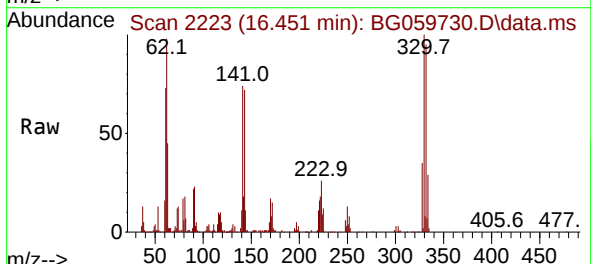
Instrument :
BNA_G
ClientSampleId :

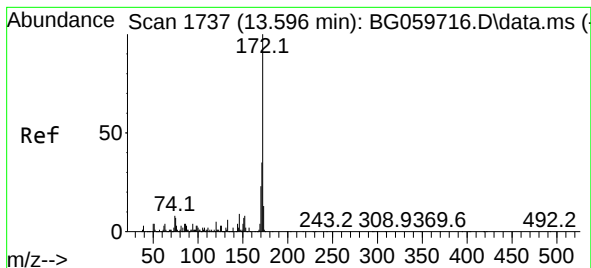
Tgt Ion:164 Resp: 86556
Ion Ratio Lower Upper
164 100
162 86.9 73.3 109.9
160 41.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 137.873 ng
RT: 16.451 min Scan# 2223
Delta R.T. -0.007 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:330 Resp: 135403
Ion Ratio Lower Upper
330 100
332 99.1 73.3 109.9
141 67.9 52.1 78.1

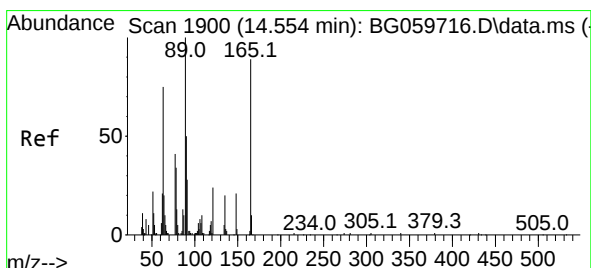
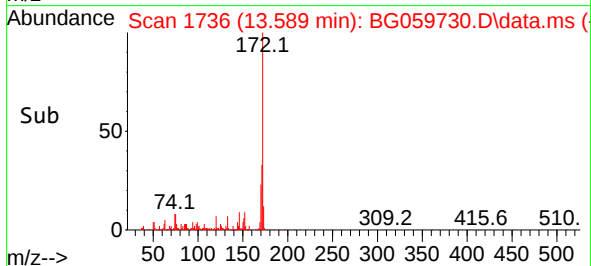
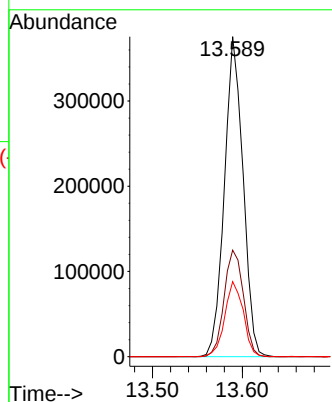
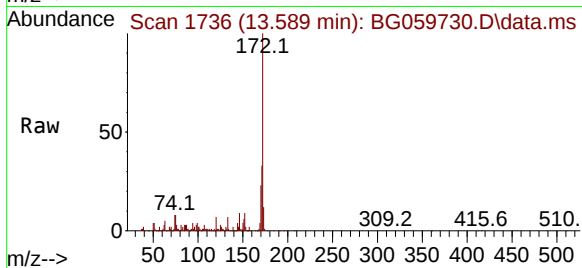




#45
2-Fluorobiphenyl
Concen: 84.142 ng
RT: 13.589 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

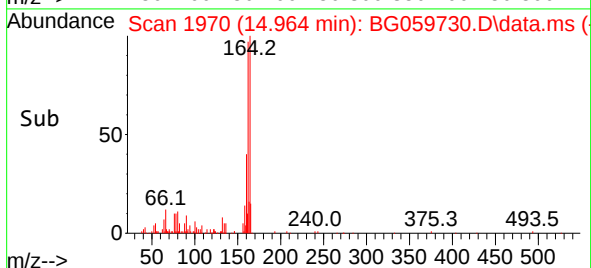
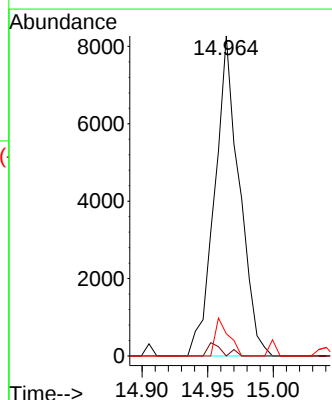
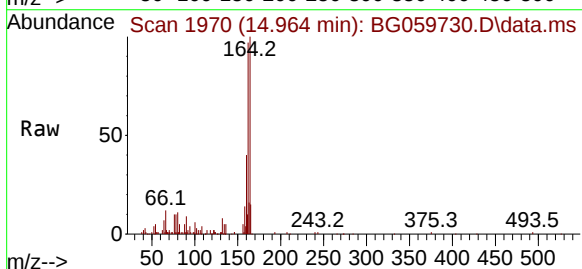
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BNA_G
ClientSampleId :

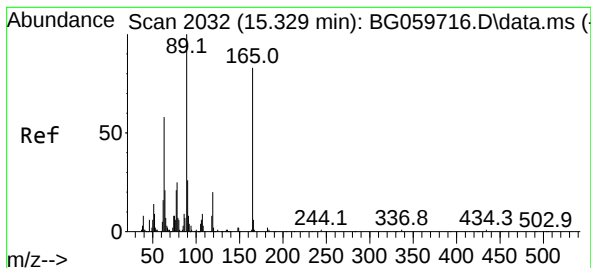
Tgt Ion:172 Resp: 541065
Ion Ratio Lower Upper
172 100
171 33.3 27.7 41.5
170 23.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.484 ng
RT: 14.964 min Scan# 1970
Delta R.T. 0.410 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

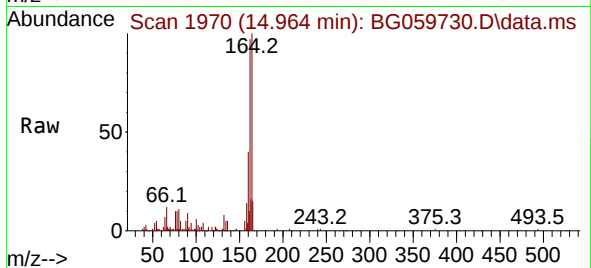
Tgt Ion:165 Resp: 10796
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 7.0 90.9 136.3#



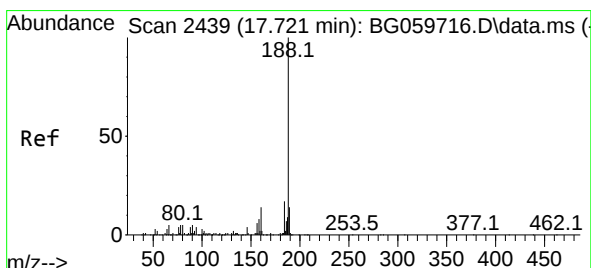
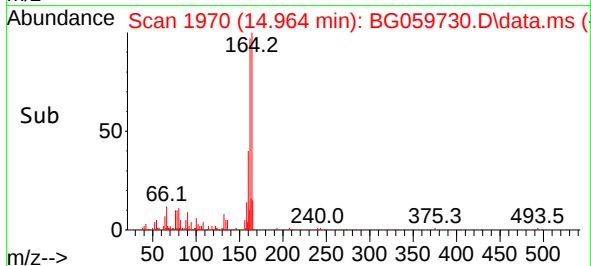
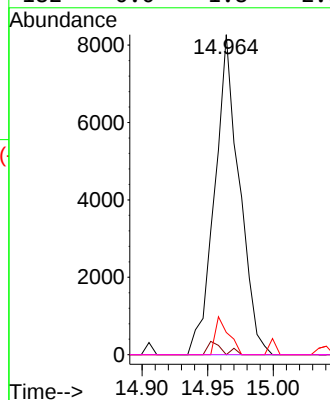


#57
2,4-Dinitrotoluene
Concen: 5.517 ng
RT: 14.964 min Scan# 1970
Delta R.T. -0.365 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Instrument :
BNA_G
ClientSampleId :

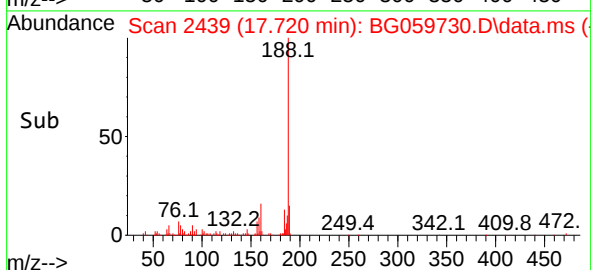
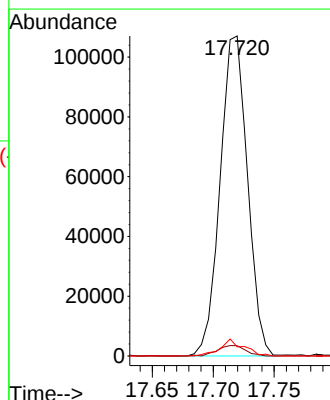
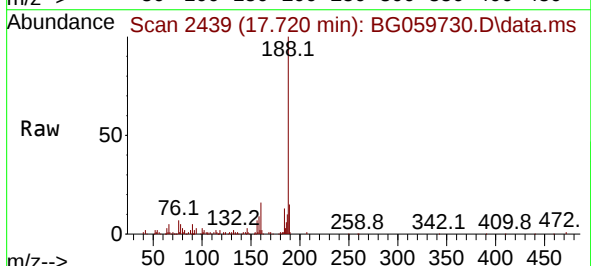


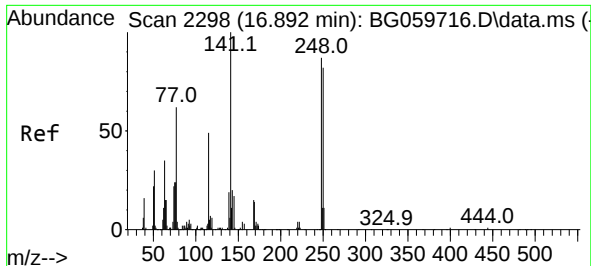
Tgt Ion:165 Resp: 10796
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 7.0 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:188 Resp: 167287
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.4
80 3.5 4.2 6.4#

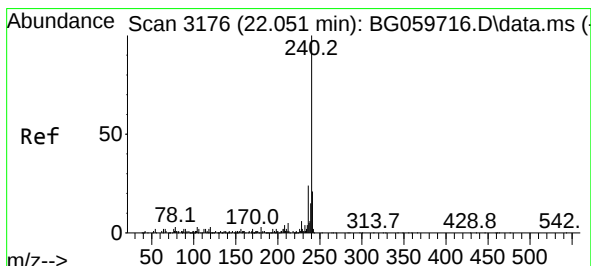
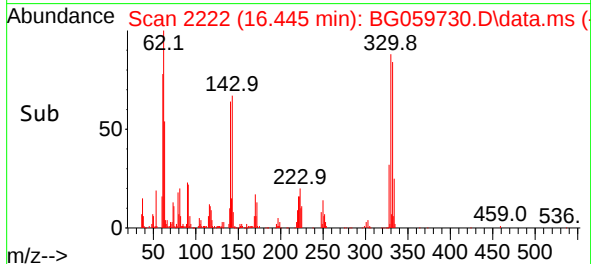
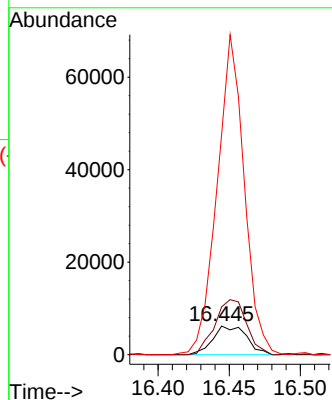
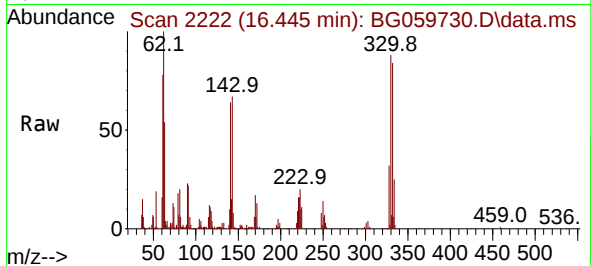




#67
4-Bromophenyl-phenylether
Concen: 5.700 ng
RT: 16.445 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

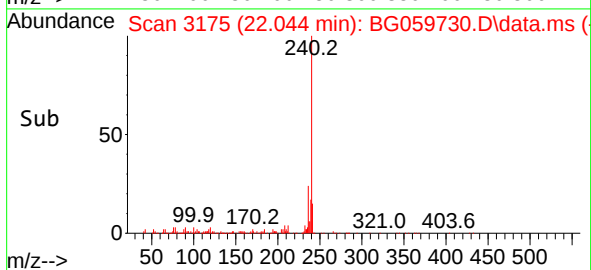
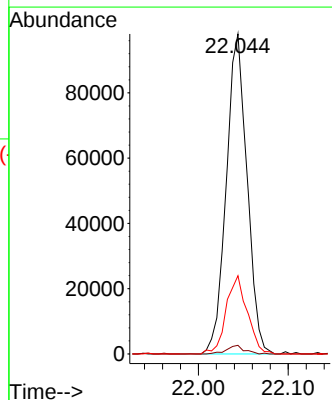
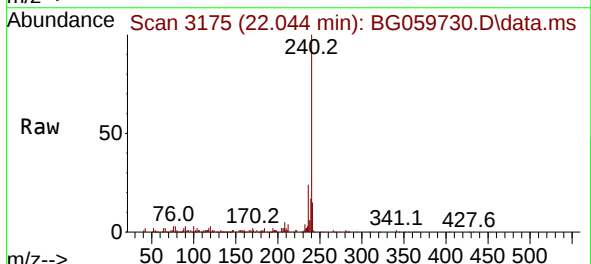
Instrument :
BNA_G
ClientSampleId :

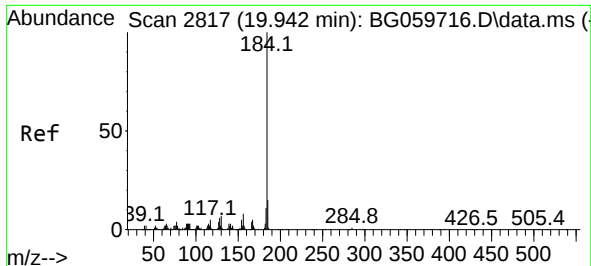
Tgt Ion:248 Resp: 10243
Ion Ratio Lower Upper
248 100
250 166.6 75.2 112.8#
141 768.9 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

Tgt Ion:240 Resp: 157440
Ion Ratio Lower Upper
240 100
120 2.7 2.2 3.2
236 24.4 19.4 29.2

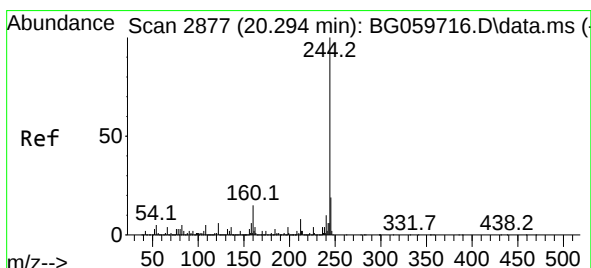
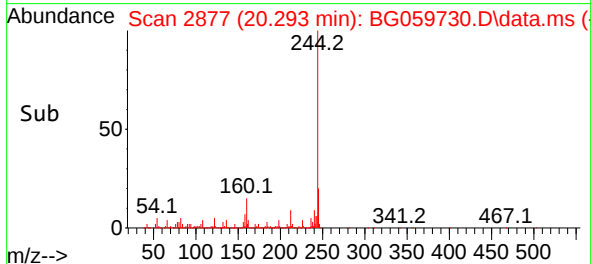
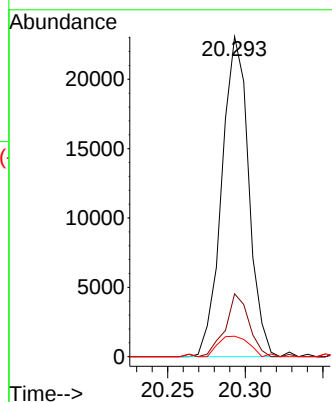
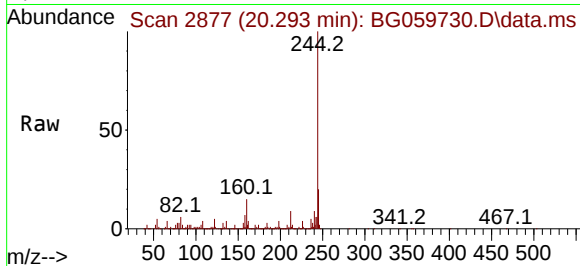




#77
Benzidine
Concen: 7.782 ng
RT: 20.293 min Scan# 2817
Delta R.T. 0.352 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

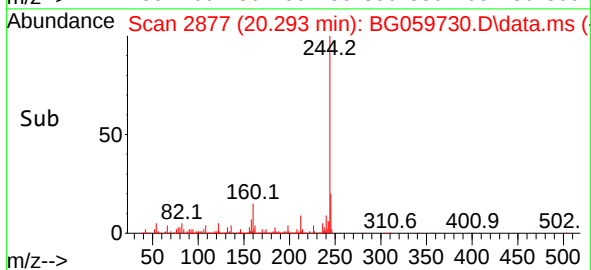
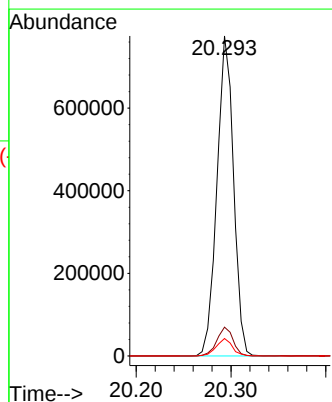
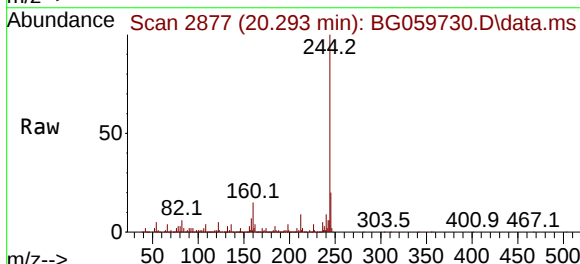
Instrument :
BNA_G
ClientSampleId :

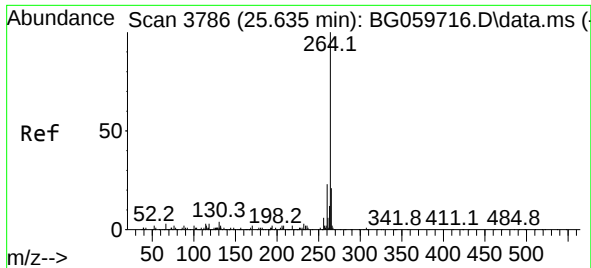
Tgt Ion:184 Resp: 27781
Ion Ratio Lower Upper
184 100
185 19.7 12.2 18.2#
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 88.205 ng
RT: 20.293 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG059730.D
Acq: 17 Nov 2023 13:47

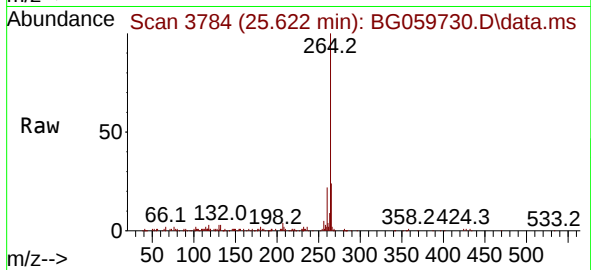
Tgt Ion:244 Resp: 940701
Ion Ratio Lower Upper
244 100
212 9.0 6.6 10.0
122 5.5 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.622 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BG059730.D
 Acq: 17 Nov 2023 13:47

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 231234

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	23.8	17.0	25.6

