

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059731.D
 Acq On : 17 Nov 2023 14:27
 Operator : MA/JU
 Sample : 05388-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 17 15:03:52 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)

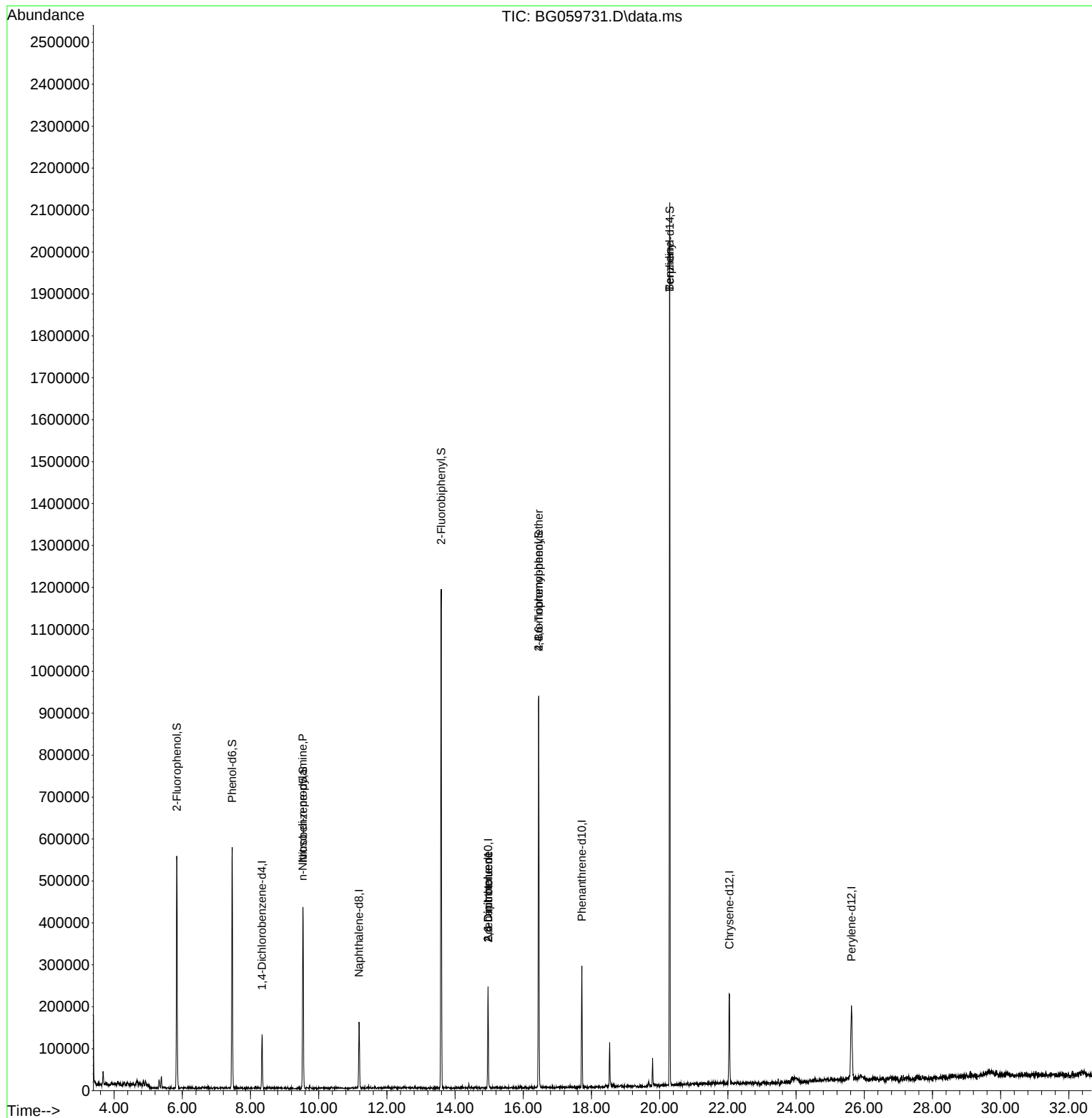
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	26862	20.000	ng	# 0.00
21) Naphthalene-d8	11.184	136	109757	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	70668	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	154368	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	122970	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	209762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	204917	128.398	ng	0.00
7) Phenol-d6	7.465	99	251868	106.496	ng	0.00
23) Nitrobenzene-d5	9.539	82	269294	93.706	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	116624	145.450	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	509757	97.096	ng	0.00
79) Terphenyl-d14	20.297	244	862445	103.536	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.533	70	45747	24.563	ng	# 86
51) 2,6-Dinitrotoluene	14.968	165	10011	9.636	ng	# 1
57) 2,4-Dinitrotoluene	14.968	165	10011	6.266	ng	# 3
67) 4-Bromophenyl-phenylether	16.454	248	7403	4.464	ng	# 1
77) Benzidine	20.291	184	25377	9.101	ng	# 87

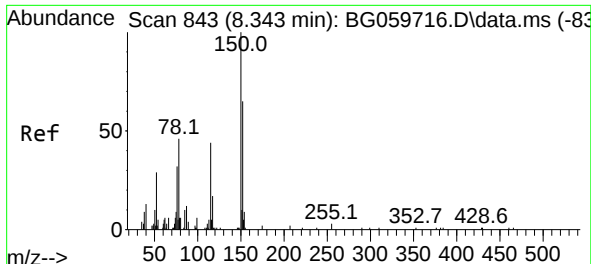
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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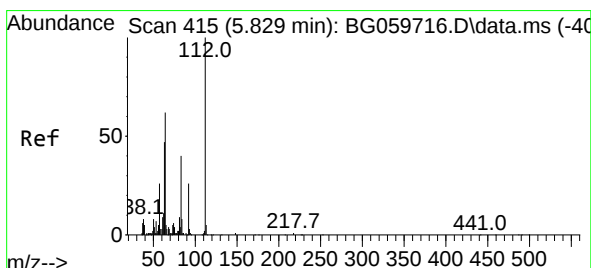
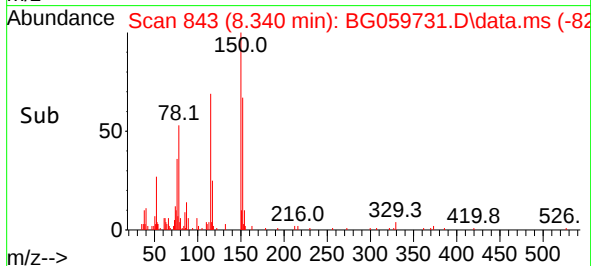
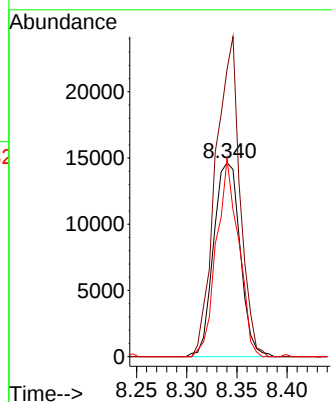
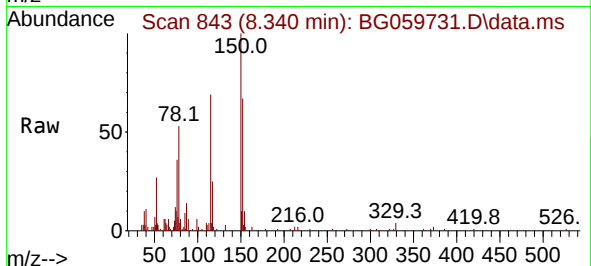




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

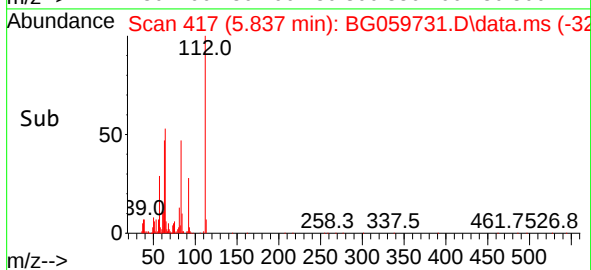
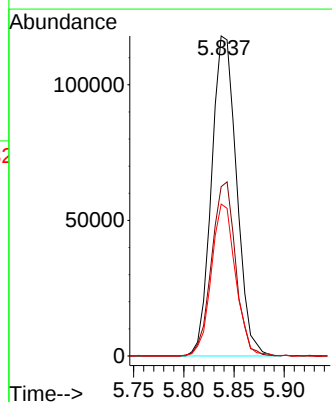
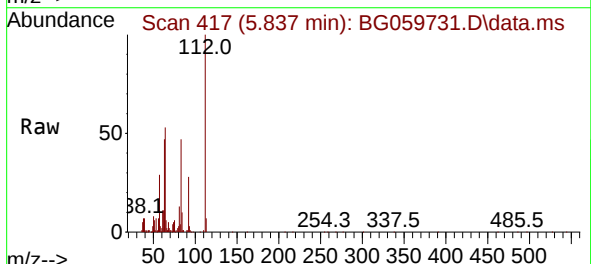
Instrument :
BNA_G
ClientSampleId :

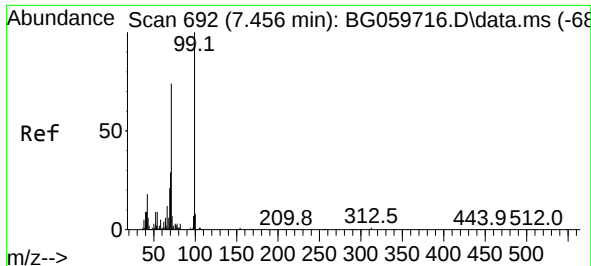
Tgt Ion:152 Resp: 26862
Ion Ratio Lower Upper
152 100
150 148.3 122.2 183.4
115 102.2 54.2 81.4#



#5
2-Fluorophenol
Concen: 128.398 ng
RT: 5.837 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion:112 Resp: 204917
Ion Ratio Lower Upper
112 100
64 52.9 49.5 74.3
63 47.5 37.4 56.2

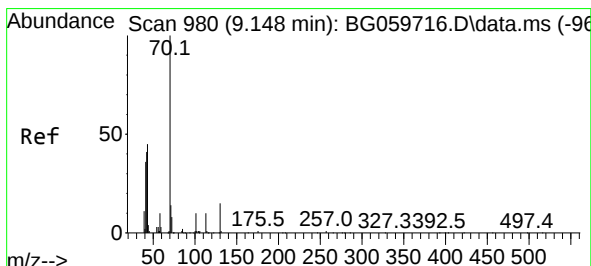
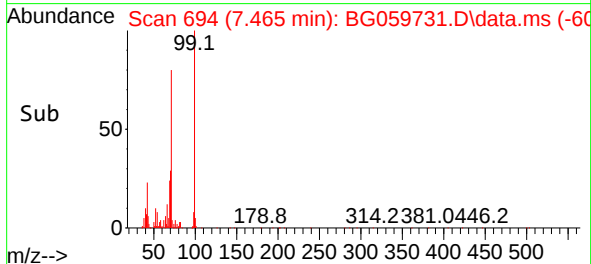
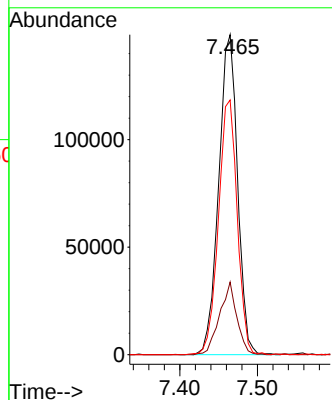
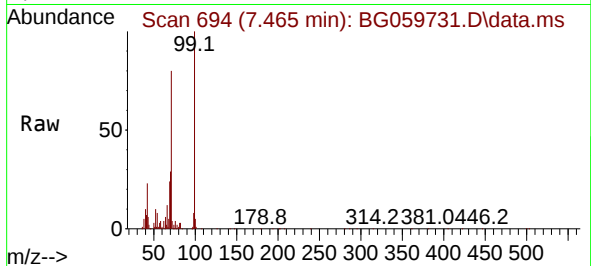




#7
Phenol-d6
Concen: 106.496 ng
RT: 7.465 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

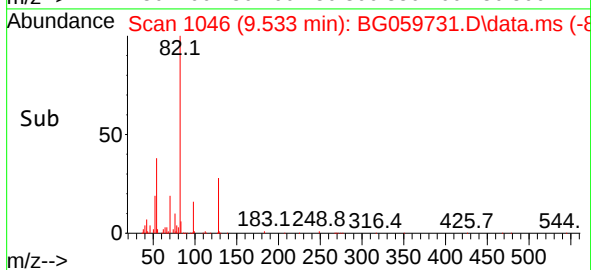
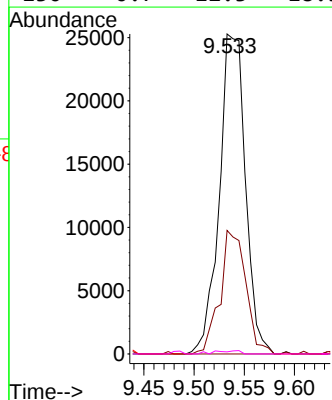
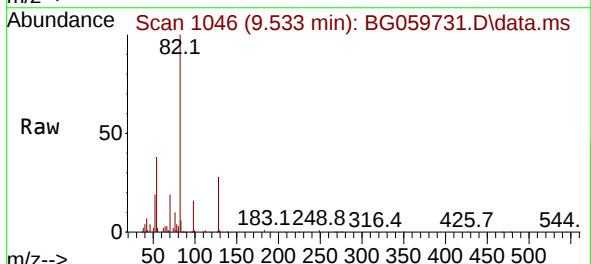
Instrument :
BNA_G
ClientSampleId :

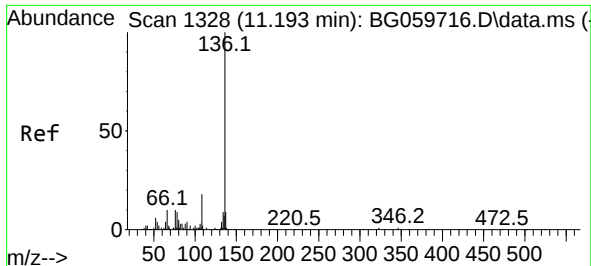
Tgt Ion: 99 Resp: 251868
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 79.6 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.563 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion: 70 Resp: 45747
Ion Ratio Lower Upper
70 100
42 38.6 32.8 49.2
101 0.0 7.7 11.5#
130 0.7 12.3 18.5#

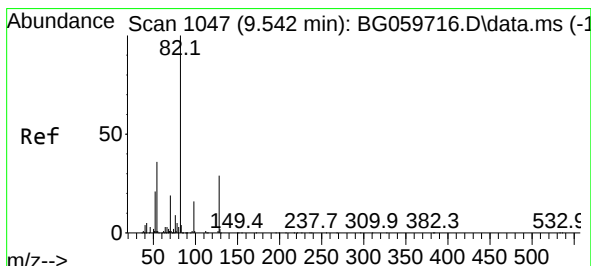
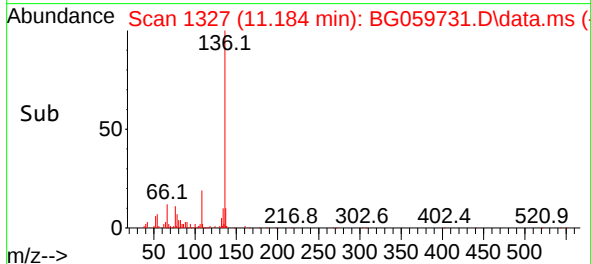
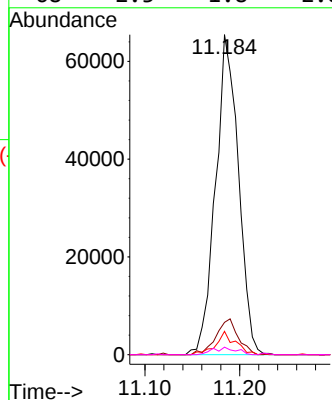
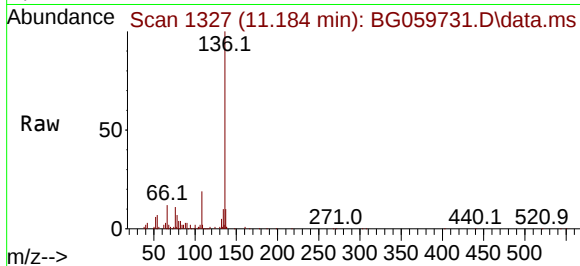




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

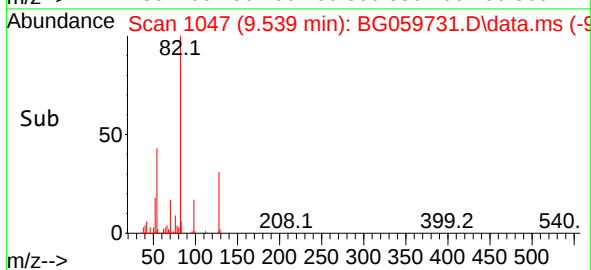
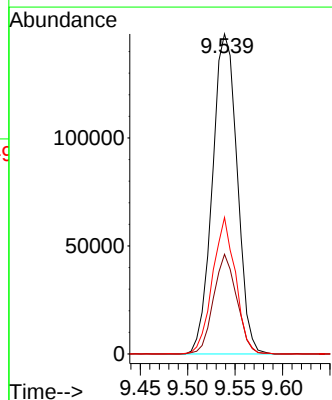
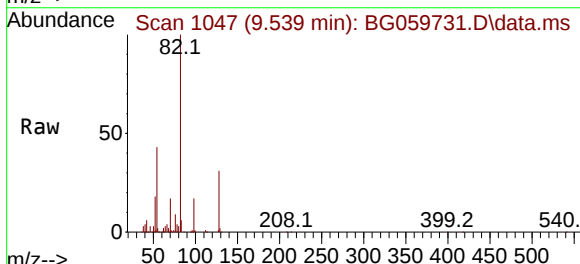
Instrument :
BNA_G
ClientSampleId :

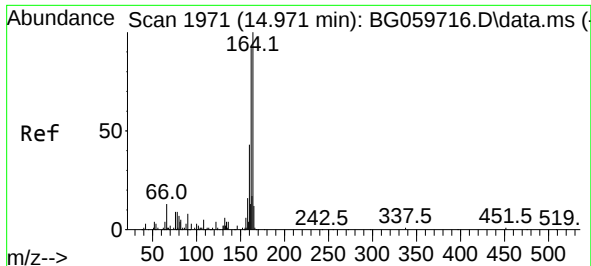
Tgt Ion:136 Resp: 109757
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.0
54 7.3 3.1 4.7#
68 2.3 1.8 2.8



#23
Nitrobenzene-d5
Concen: 93.706 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion: 82 Resp: 269294
Ion Ratio Lower Upper
82 100
128 31.2 23.0 34.6
54 42.7 28.7 43.1

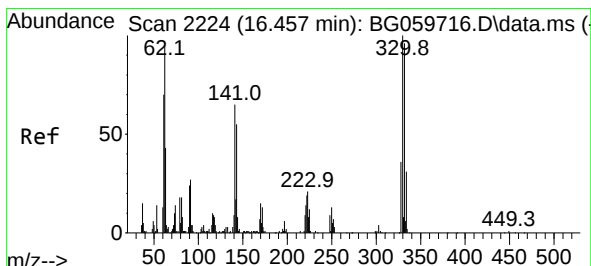
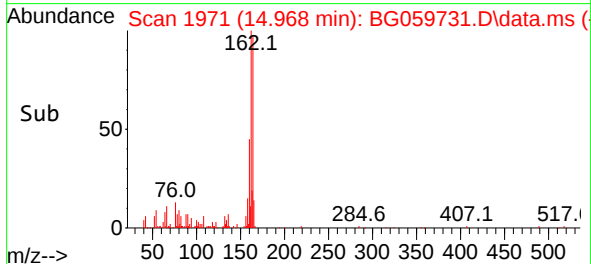
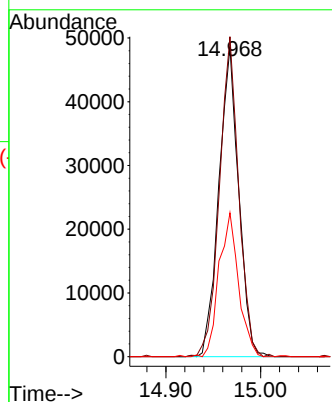
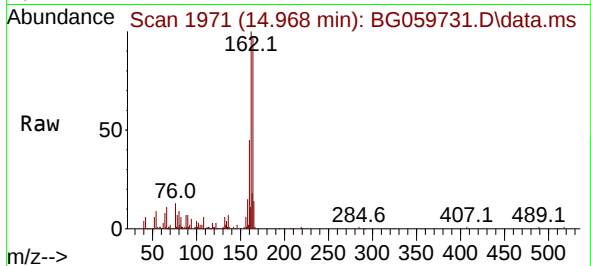




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

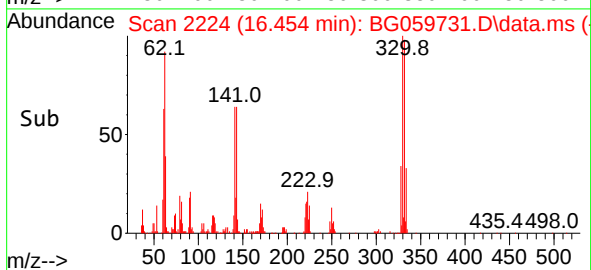
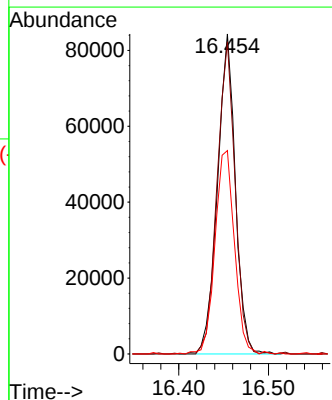
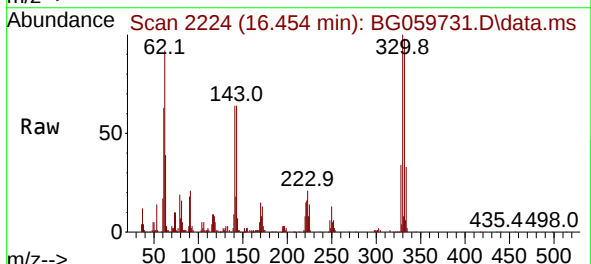
Instrument :
BNA_G
ClientSampleId :

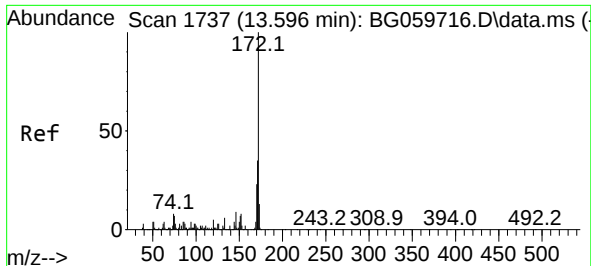
Tgt Ion:164 Resp: 70668
Ion Ratio Lower Upper
164 100
162 103.2 73.3 109.9
160 46.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 145.450 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion:330 Resp: 116624
Ion Ratio Lower Upper
330 100
332 98.1 73.3 109.9
141 69.4 52.1 78.1

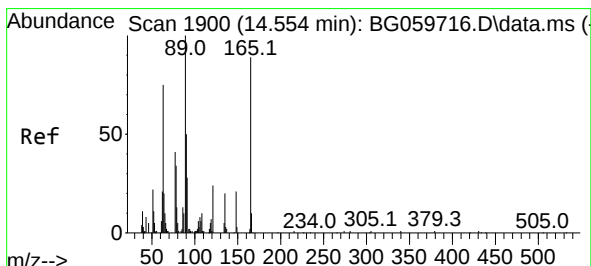
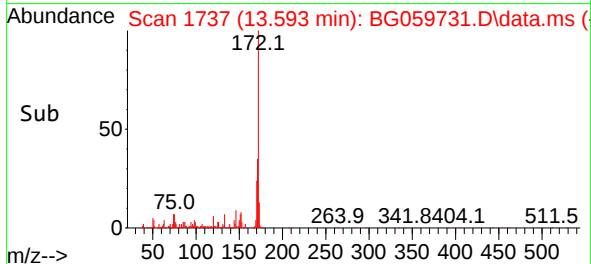
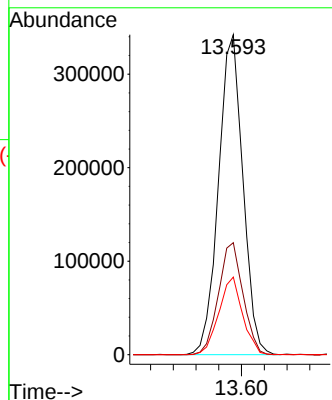
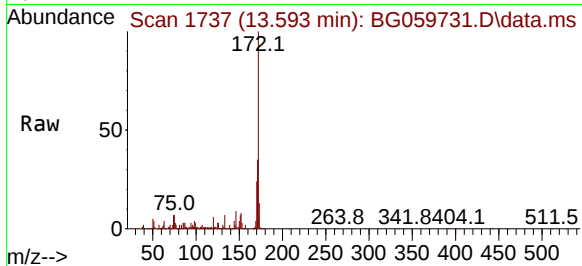




#45
2-Fluorobiphenyl
Concen: 97.096 ng
RT: 13.593 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

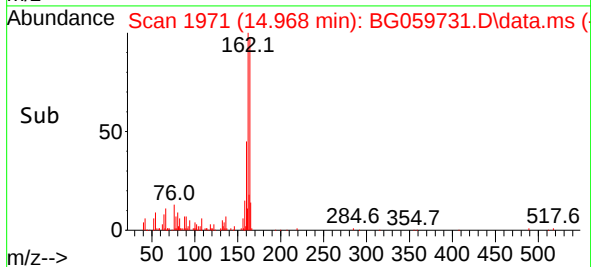
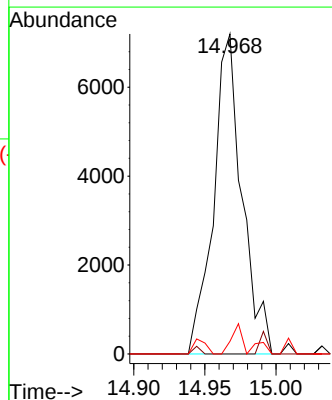
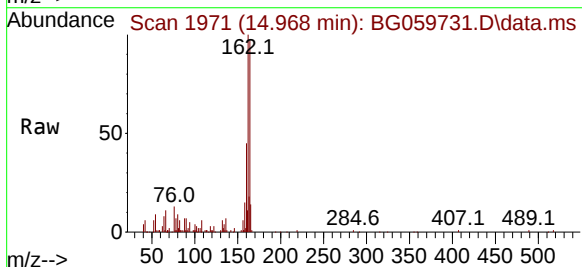
Instrument :
BNA_G
ClientSampleId :

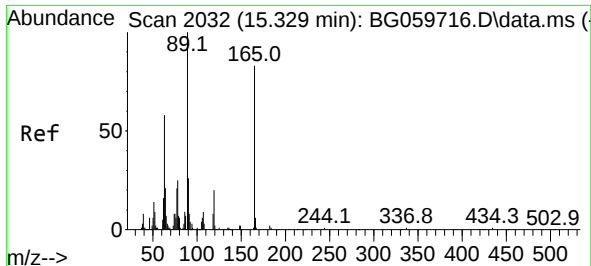
Tgt Ion:172 Resp: 509757
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 24.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.636 ng
RT: 14.968 min Scan# 1971
Delta R.T. 0.414 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

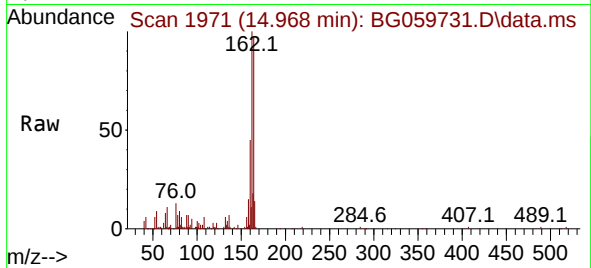
Tgt Ion:165 Resp: 10011
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 4.0 90.9 136.3#



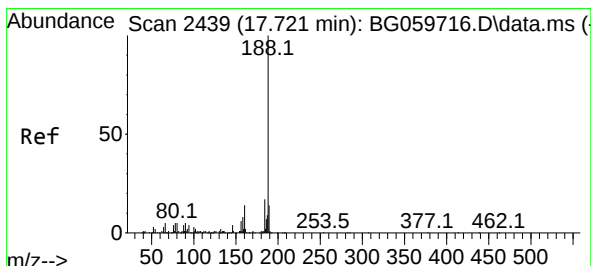
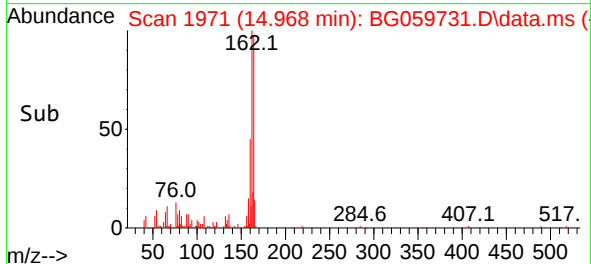
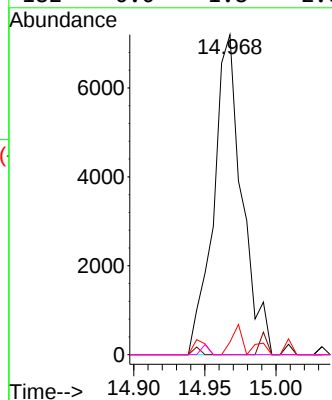


#57
2,4-Dinitrotoluene
Concen: 6.266 ng
RT: 14.968 min Scan# 1971
Delta R.T. -0.362 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Instrument :
BNA_G
ClientSampleId :

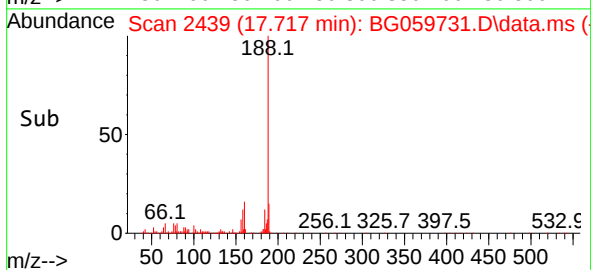
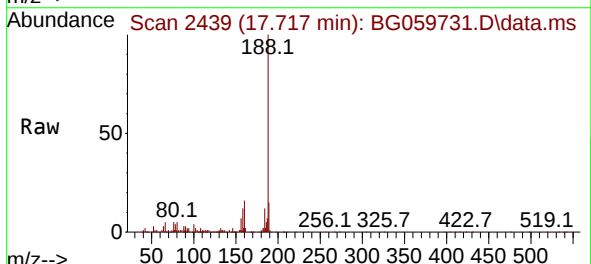
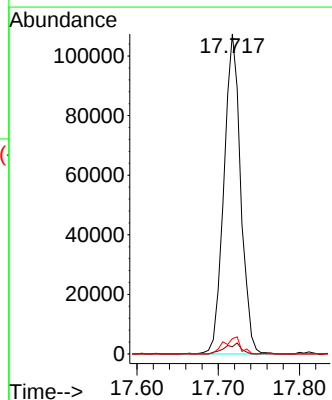


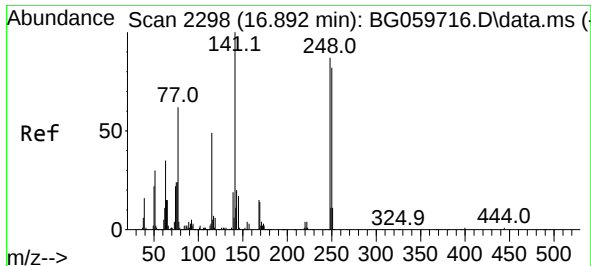
Tgt Ion:165 Resp: 10011
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 4.0 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.717 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

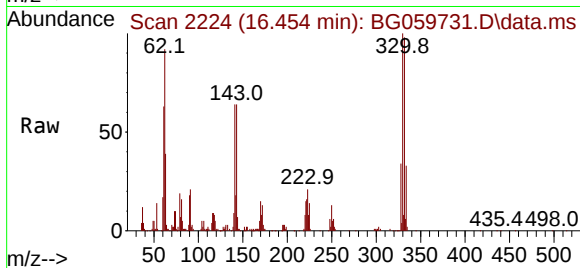
Tgt Ion:188 Resp: 154368
Ion Ratio Lower Upper
188 100
94 2.3 3.0 4.4#
80 5.1 4.2 6.4



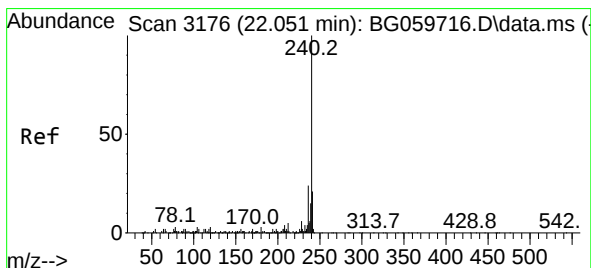
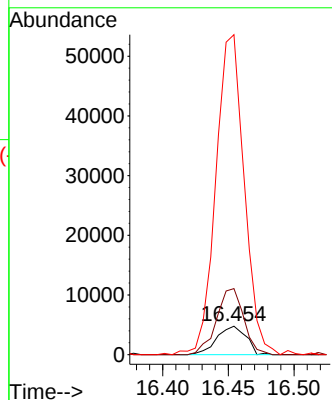
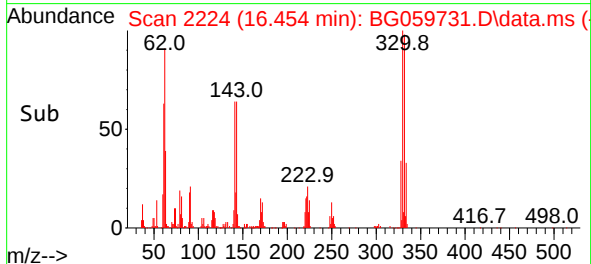


#67
4-Bromophenyl-phenylether
Concen: 4.464 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Instrument :
BNA_G
ClientSampleId :

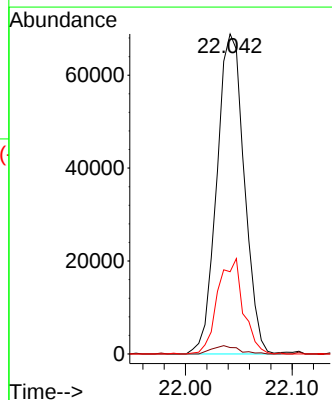
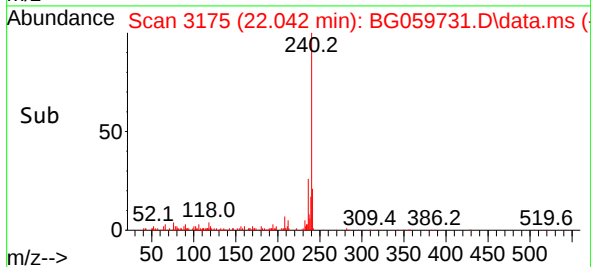
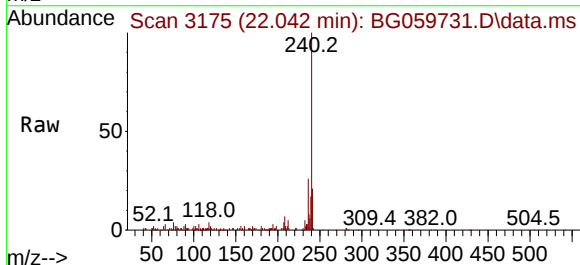


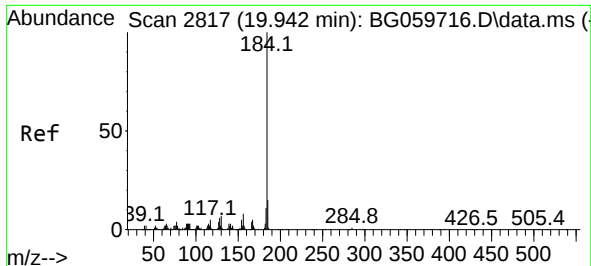
Tgt Ion:248 Resp: 7403
Ion Ratio Lower Upper
248 100
250 232.2 75.2 112.8#
141 1122.9 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion:240 Resp: 122970
Ion Ratio Lower Upper
240 100
120 2.0 2.2 3.2#
236 25.7 19.4 29.2

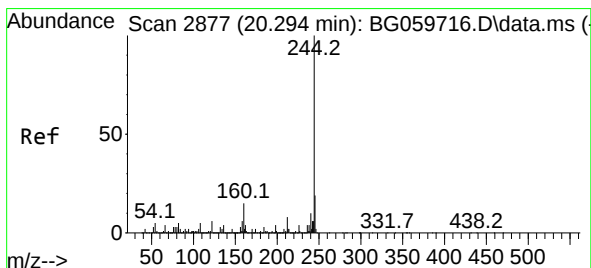
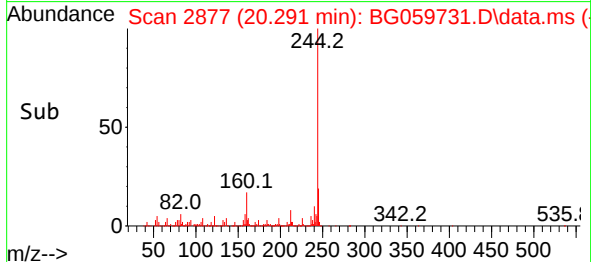
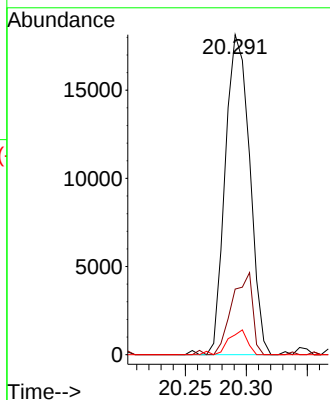
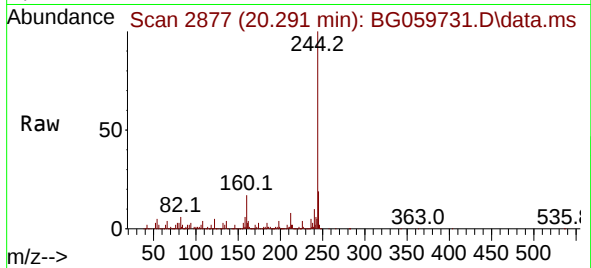




#77
Benzidine
Concen: 9.101 ng
RT: 20.291 min Scan# 21
Delta R.T. 0.349 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

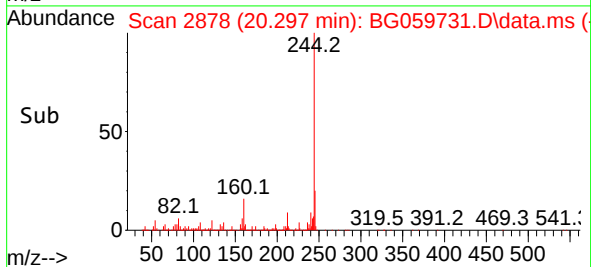
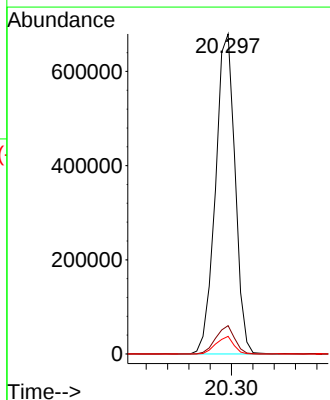
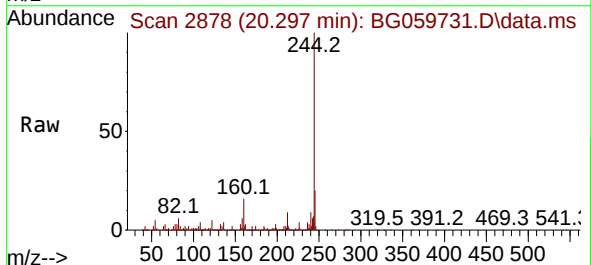
Instrument :
BNA_G
ClientSampleId :

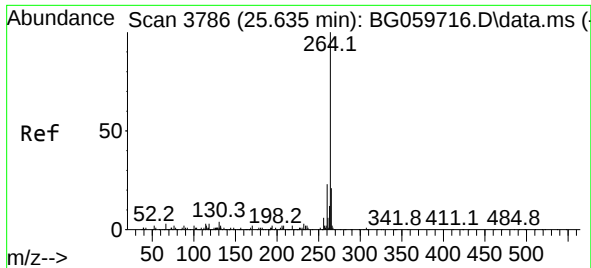
Tgt Ion:184 Resp: 25377
Ion Ratio Lower Upper
184 100
185 20.5 12.2 18.2#
183 6.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 103.536 ng
RT: 20.297 min Scan# 2878
Delta R.T. 0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

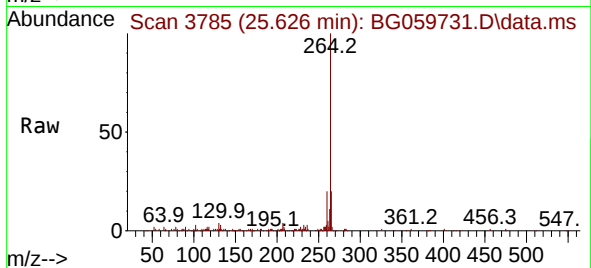
Tgt Ion:244 Resp: 862445
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 5.5 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG059731.D
 Acq: 17 Nov 2023 14:27

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 209762

Ion	Ratio	Lower	Upper
264	100		
260	19.6	18.5	27.7
265	19.8	17.0	25.6

