

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059721.D
 Acq On : 16 Nov 2023 16:48
 Operator : MA/JU
 Sample : PB157140BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BL

Quant Time: Nov 17 02:32:14 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)

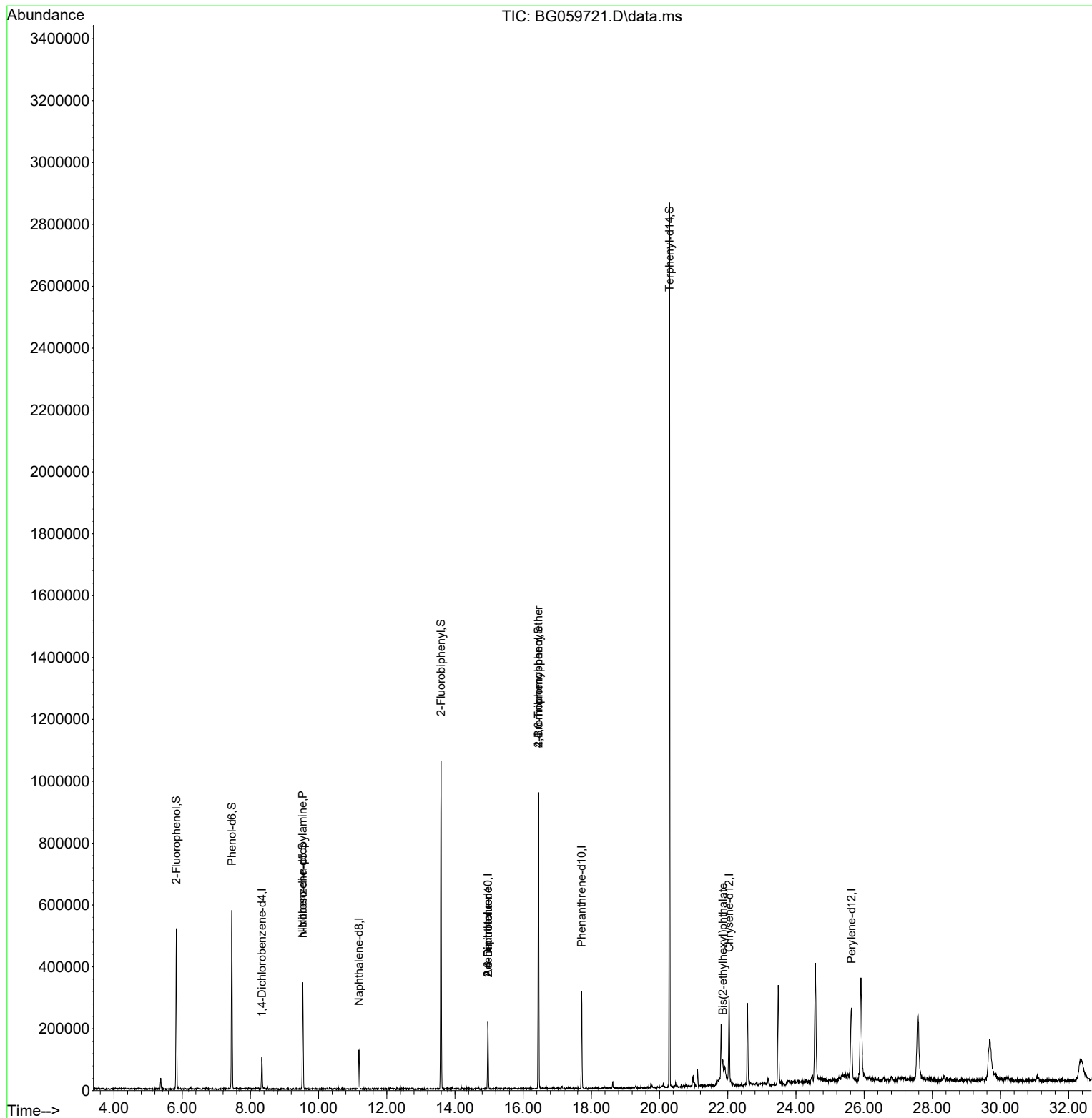
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	22726	20.000	ng	# 0.00
21) Naphthalene-d8	11.188	136	90476	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	62315	20.000	ng	# 0.00
64) Phenanthrene-d10	17.715	188	169603	20.000	ng	0.00
76) Chrysene-d12	22.040	240	161761	20.000	ng	-0.01
86) Perylene-d12	25.630	264	282765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	181085	134.116	ng	0.00
7) Phenol-d6	7.457	99	255682	127.784	ng	0.00
23) Nitrobenzene-d5	9.537	82	219563	92.683	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	125102	176.937	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	460094	99.383	ng	0.00
79) Terphenyl-d14	20.295	244	1135131	103.593	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.537	70	33315	21.143	ng	# 85
51) 2,6-Dinitrotoluene	14.966	165	8802	9.608	ng	# 1
57) 2,4-Dinitrotoluene	14.966	165	8802	6.248	ng	# 1
67) 4-Bromophenyl-phenylether	16.452	248	7542	4.139	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.858	149	16687	2.645	ng	# 86

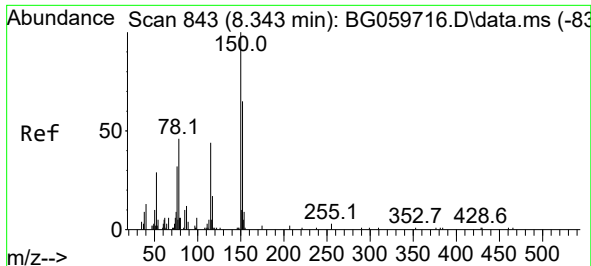
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
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ALS Vial : 11 Sample Multiplier: 1

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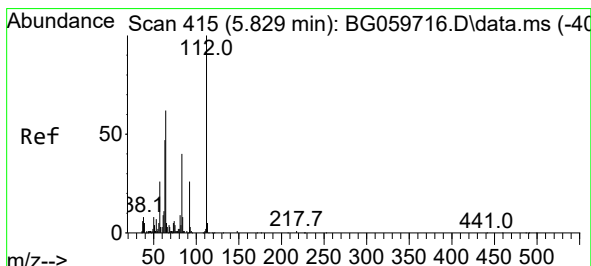
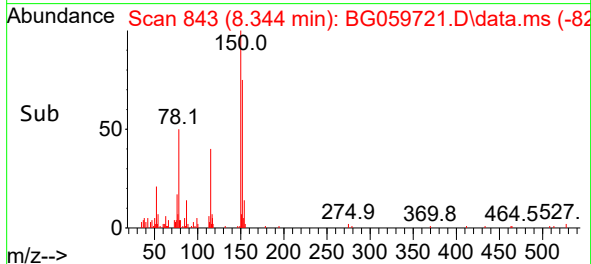
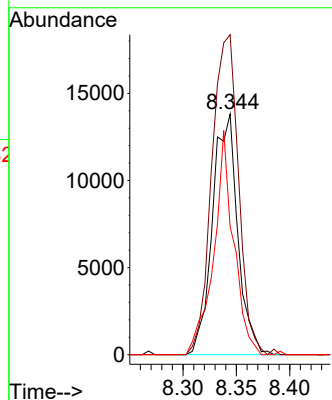
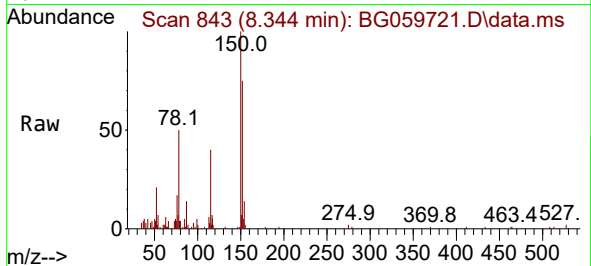




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.344 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

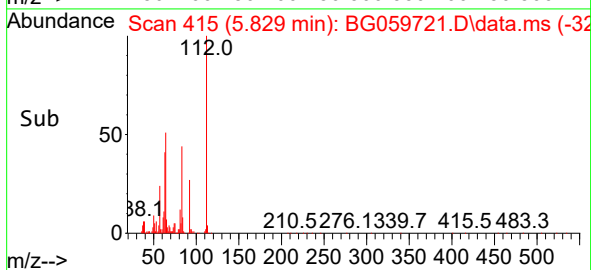
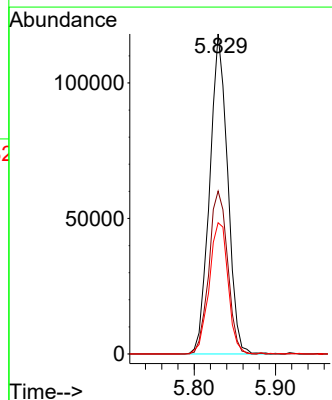
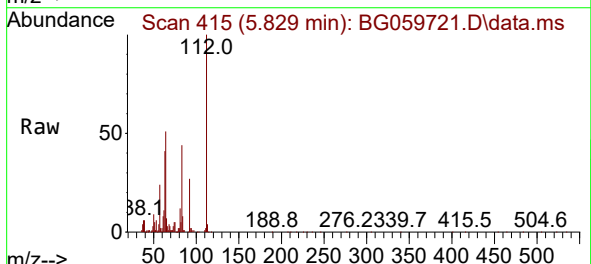
Instrument :
BNA_G
ClientSampleId :
PB157140BL

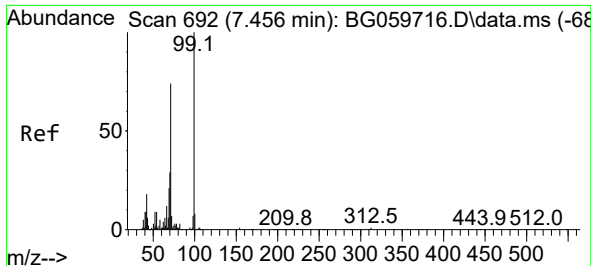
Tgt Ion:152 Resp: 22726
Ion Ratio Lower Upper
152 100
150 133.0 122.2 183.4
115 53.1 54.2 81.4#



#5
2-Fluorophenol
Concen: 134.116 ng
RT: 5.829 min Scan# 415
Delta R.T. 0.001 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:112 Resp: 181085
Ion Ratio Lower Upper
112 100
64 50.9 49.5 74.3
63 41.0 37.4 56.2

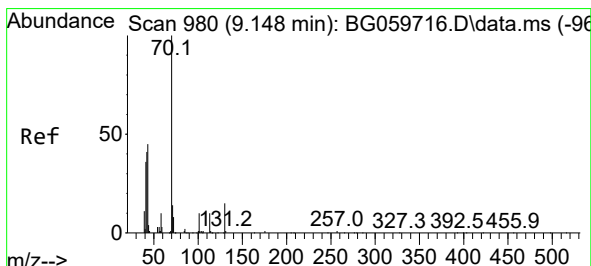
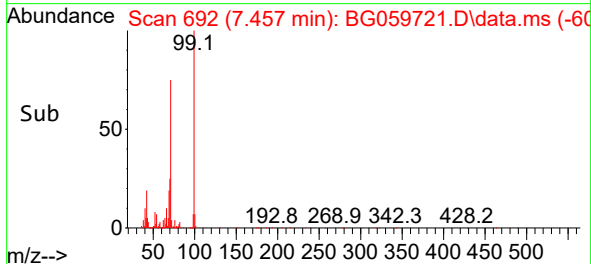
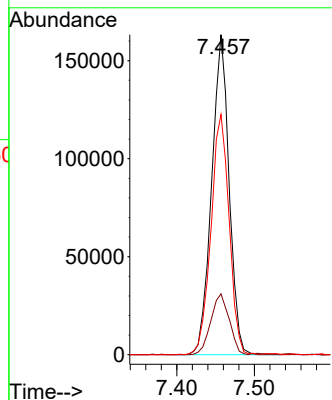
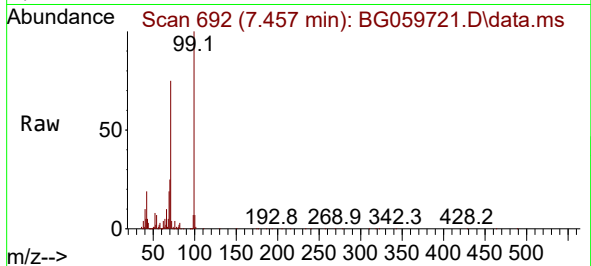




#7
Phenol-d6
Concen: 127.784 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.001 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

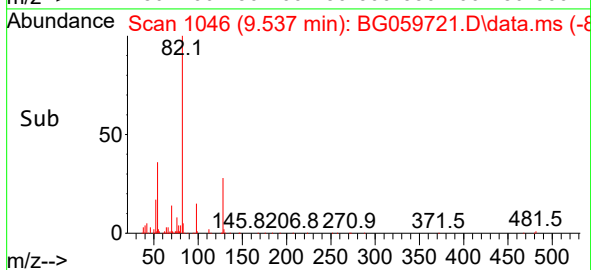
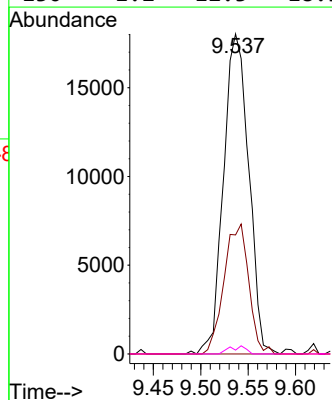
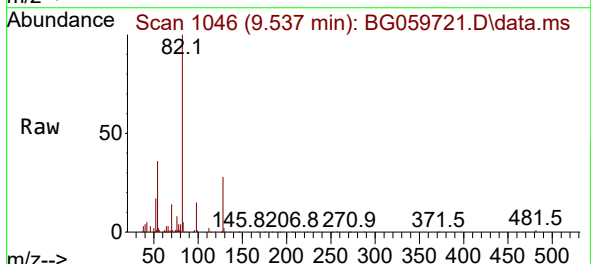
Instrument :
BNA_G
ClientSampleId :
PB157140BL

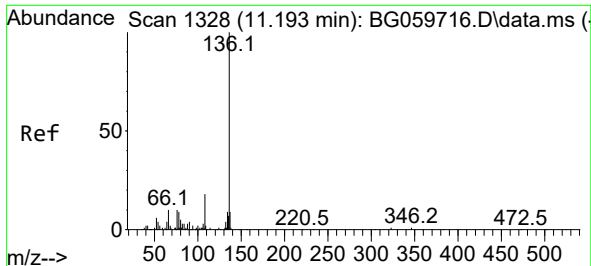
Tgt Ion: 99 Resp: 255682
Ion Ratio Lower Upper
99 100
42 19.0 14.3 21.5
71 75.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.143 ng
RT: 9.537 min Scan# 1046
Delta R.T. 0.388 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion: 70 Resp: 33315
Ion Ratio Lower Upper
70 100
42 37.2 32.8 49.2
101 0.0 7.7 11.5#
130 1.2 12.3 18.5#

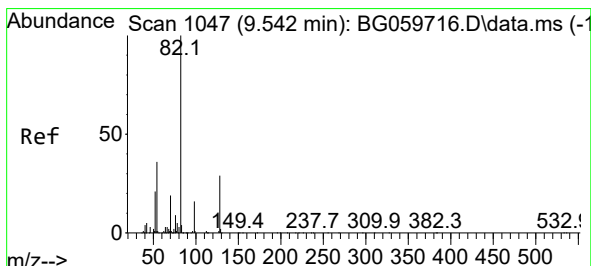
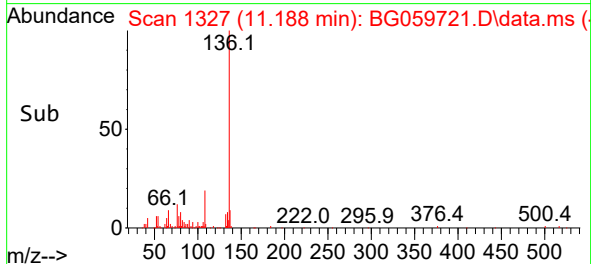
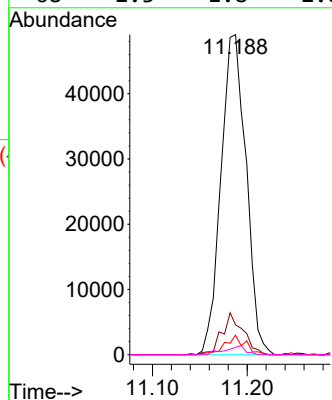
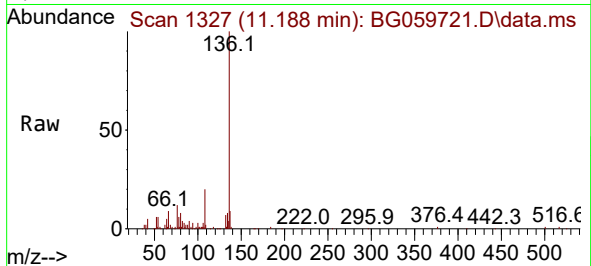




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

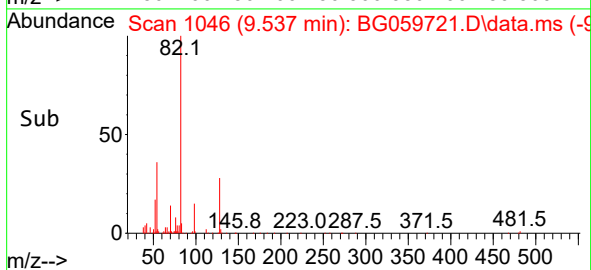
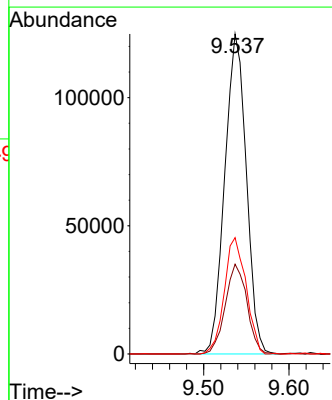
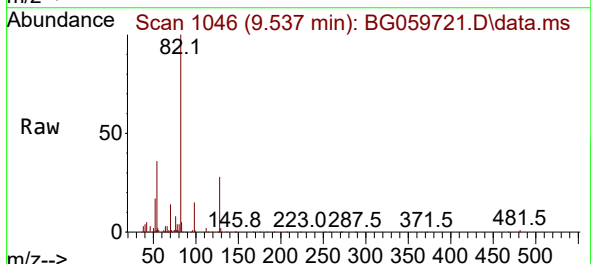
Instrument :
BNA_G
ClientSampleId :
PB157140BL

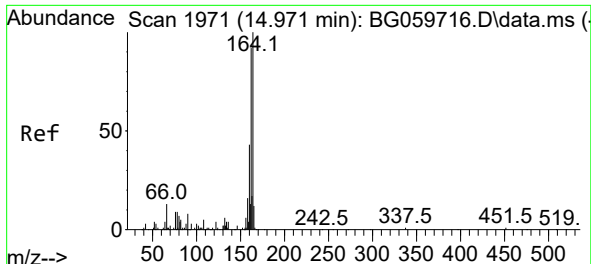
Tgt Ion:	136	Resp:	90476
Ion Ratio	Lower	Upper	
136	100		
137	9.3	7.4	11.0
54	6.1	3.1	4.7#
68	2.3	1.8	2.8



#23
Nitrobenzene-d5
Concen: 92.683 ng
RT: 9.537 min Scan# 1046
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:	82	Resp:	219563
Ion Ratio	Lower	Upper	
82	100		
128	28.1	23.0	34.6
54	36.3	28.7	43.1

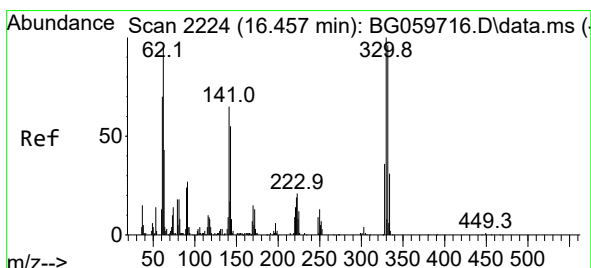
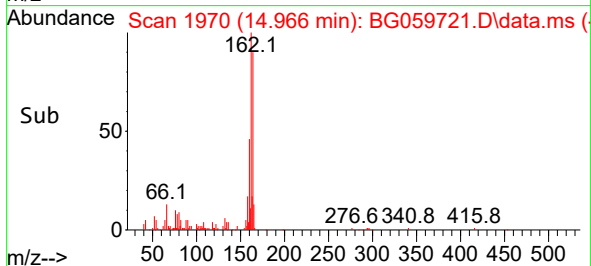
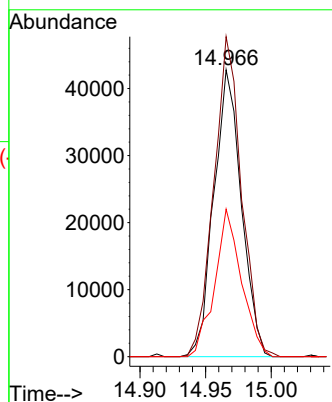
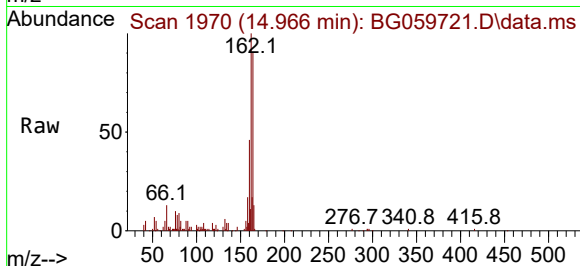




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

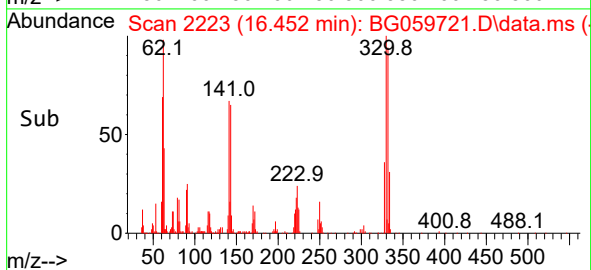
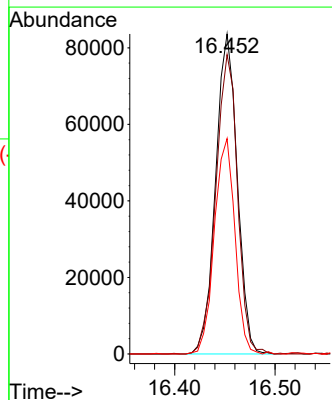
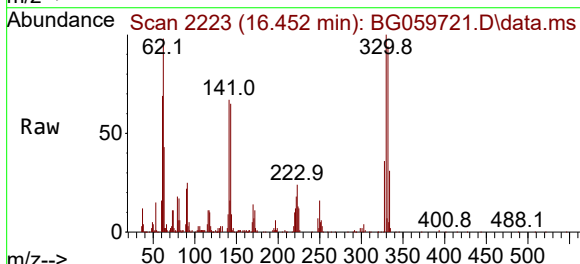
Instrument :
BNA_G
ClientSampleId :
PB157140BL

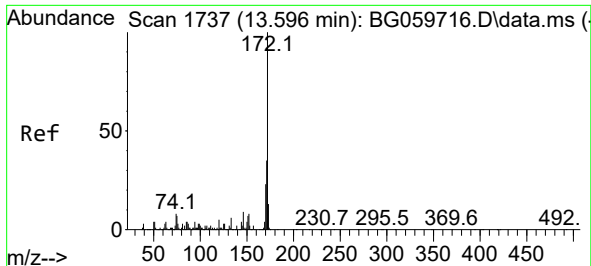
Tgt Ion:164 Resp: 62315
Ion Ratio Lower Upper
164 100
162 111.5 73.3 109.9#
160 51.4 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 176.937 ng
RT: 16.452 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:330 Resp: 125102
Ion Ratio Lower Upper
330 100
332 93.9 73.3 109.9
141 63.8 52.1 78.1

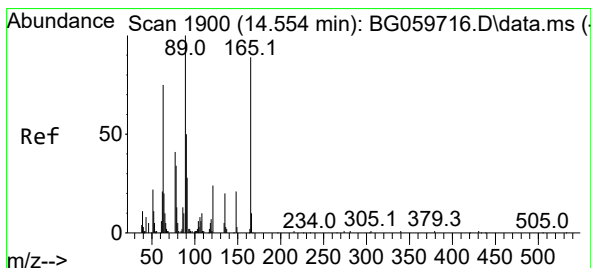
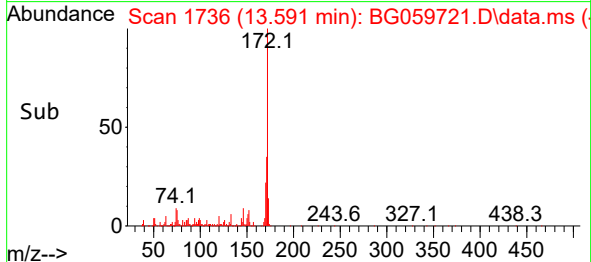
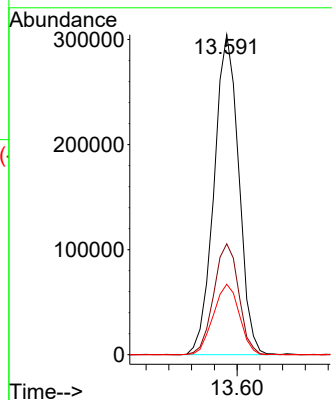
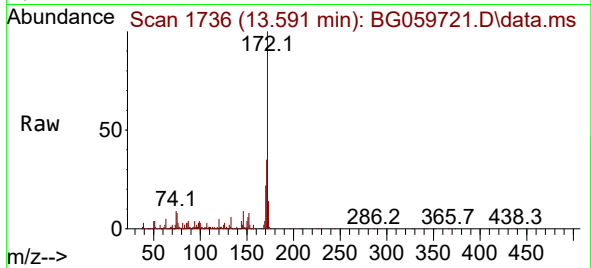




#45
2-Fluorobiphenyl
Concen: 99.383 ng
RT: 13.591 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

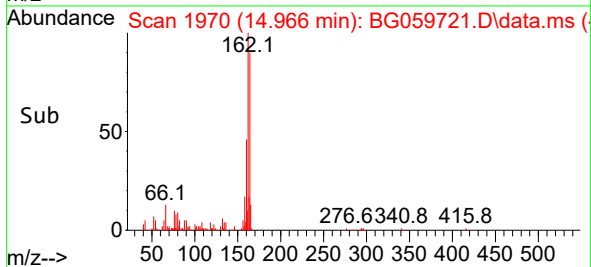
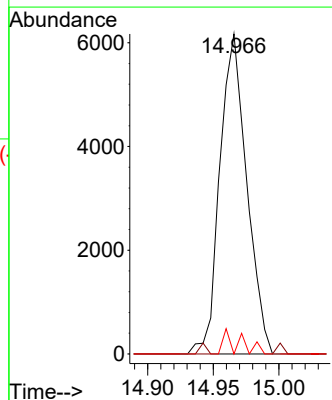
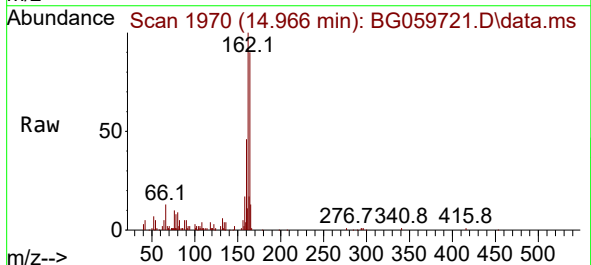
Instrument :
BNA_G
ClientSampleId :
PB157140BL

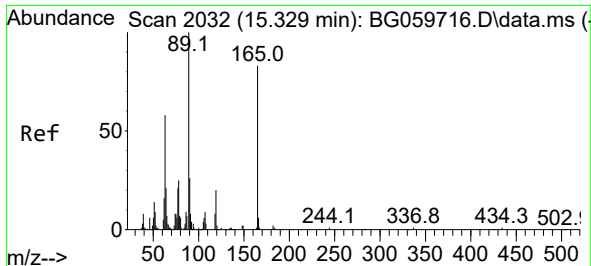
Tgt Ion:172 Resp: 460094
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 22.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.608 ng
RT: 14.966 min Scan# 1970
Delta R.T. 0.412 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:165 Resp: 8802
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: 6.248 ng

RT: 14.966 min Scan# 1970

Delta R.T. -0.364 min

Lab File: BG059721.D

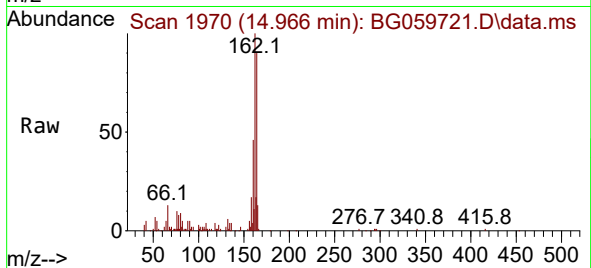
Acq: 16 Nov 2023 16:48

Instrument :

BNA_G

ClientSampleId :

PB157140BL



Tgt Ion:165 Resp: 8802

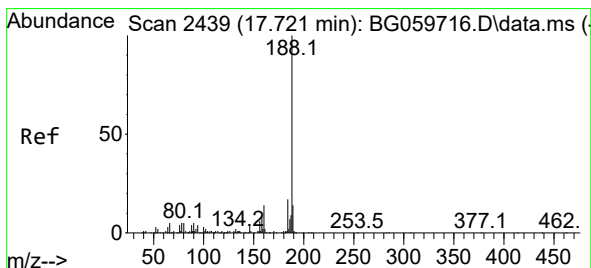
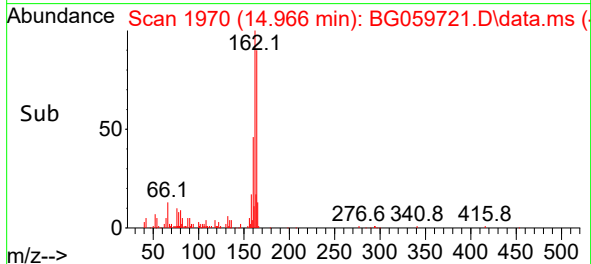
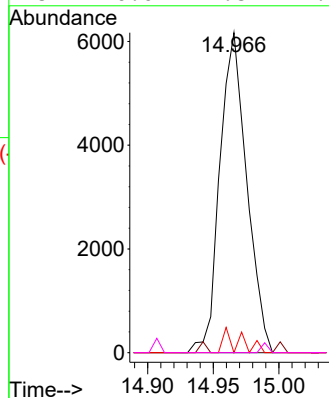
Ion Ratio Lower Upper

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: 17.715 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

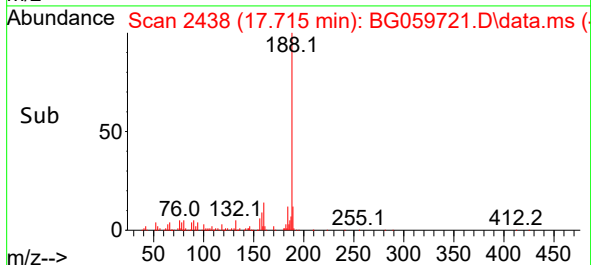
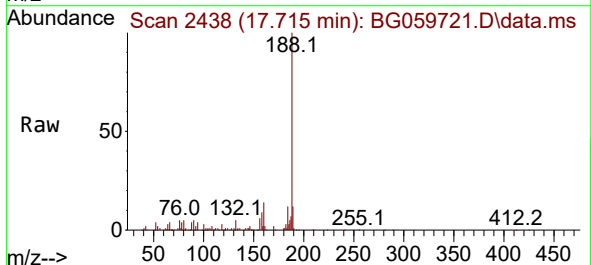
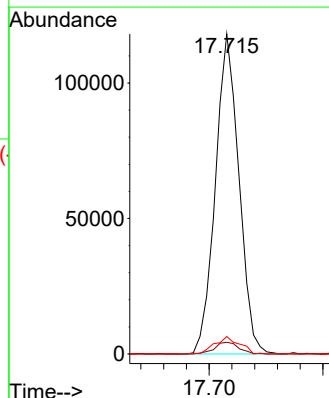
Tgt Ion:188 Resp: 169603

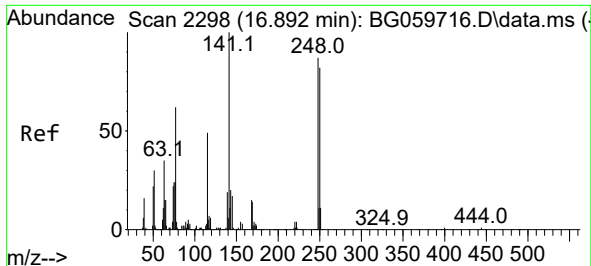
Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.4

80 5.4 4.2 6.4

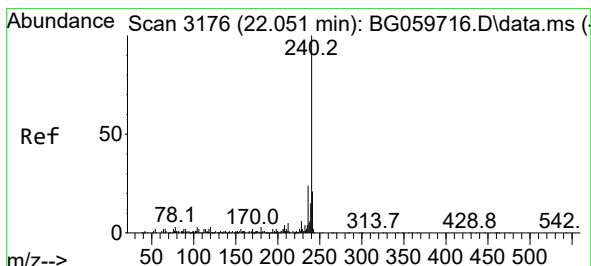
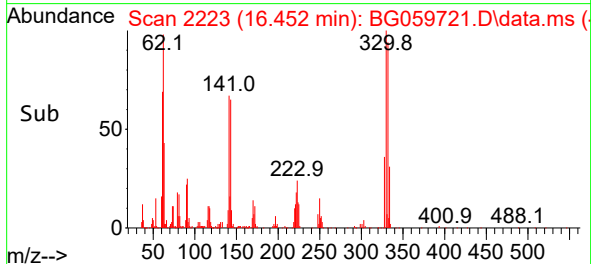
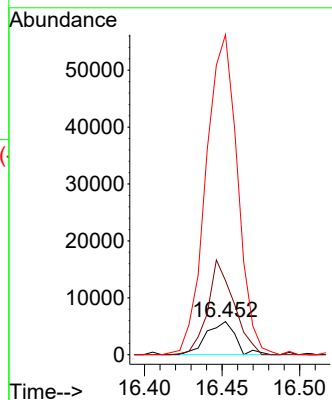
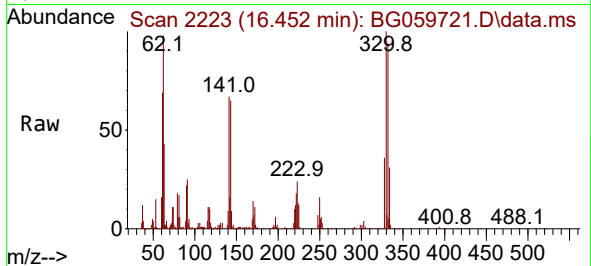




#67
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

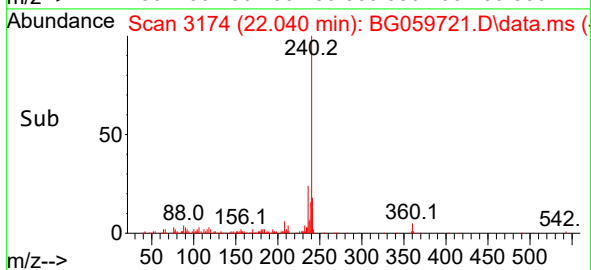
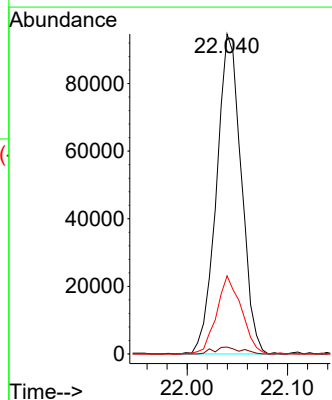
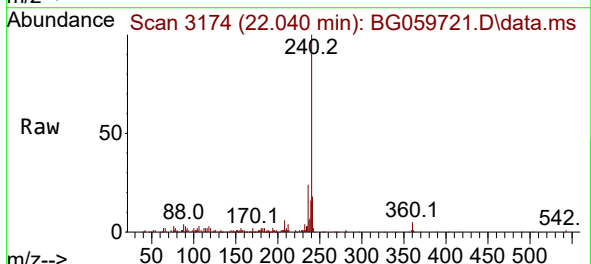
Instrument :
BNA_G
ClientSampleId :
PB157140BL

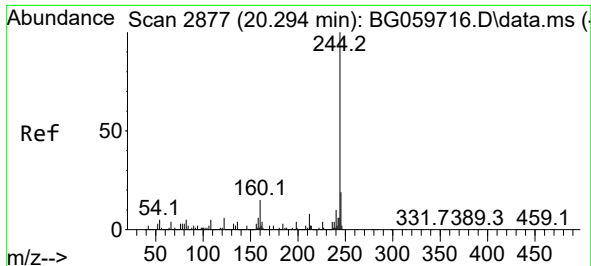
Tgt Ion:248 Resp: 7542
Ion Ratio Lower Upper
248 100
250 223.9 75.2 112.8#
141 967.1 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.040 min Scan# 3174
Delta R.T. -0.011 min
Lab File: BG059721.D
Acq: 16 Nov 2023 16:48

Tgt Ion:240 Resp: 161761
Ion Ratio Lower Upper
240 100
120 2.2 2.2 3.2
236 24.4 19.4 29.2





#79

Terphenyl-d14

Concen: 103.593 ng

RT: 20.295 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

Instrument :

BNA_G

ClientSampleId :

PB157140BL

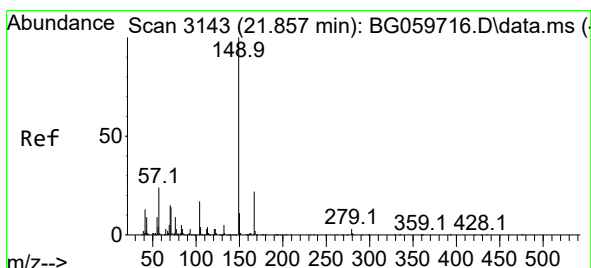
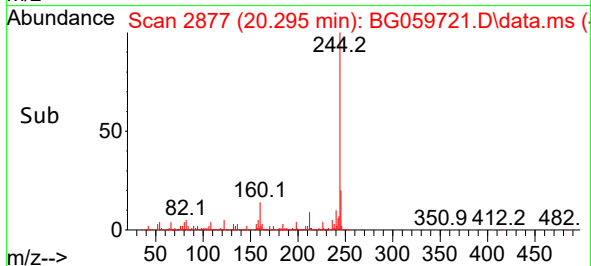
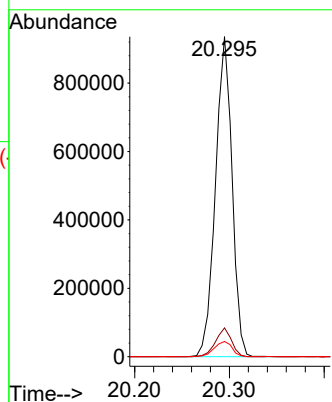
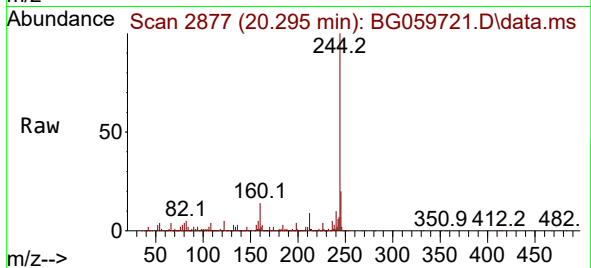
Tgt Ion:244 Resp: 1135131

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

122 4.8 4.4 6.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.645 ng

RT: 21.858 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BG059721.D

Acq: 16 Nov 2023 16:48

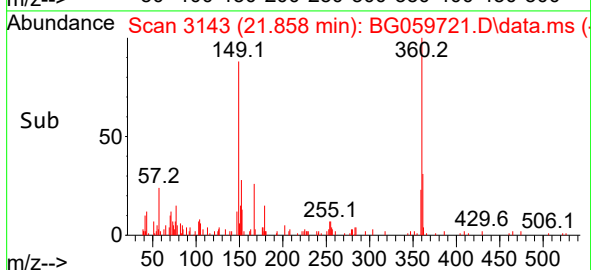
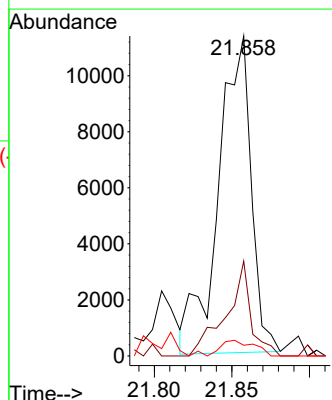
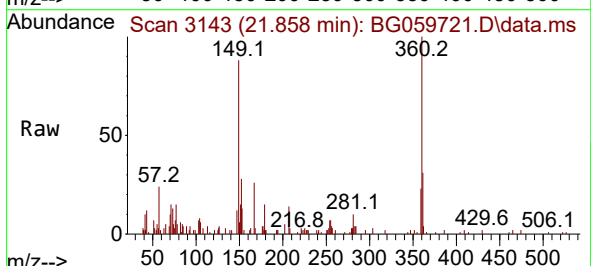
Tgt Ion:149 Resp: 16687

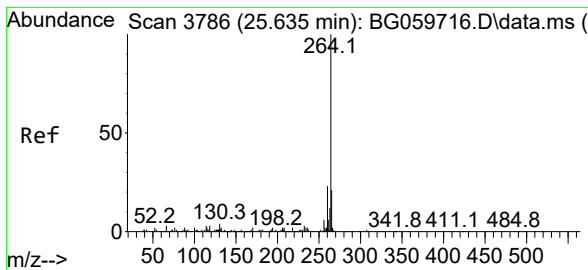
Ion Ratio Lower Upper

149 100

167 29.7 17.6 26.4#

279 3.4 2.7 4.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.630 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG059721.D
 Acq: 16 Nov 2023 16:48

Instrument :
 BNA_G
 ClientSampleId :
 PB157140BL

Tgt Ion:264 Resp: 282765

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.6	17.0	25.6

