

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059742.D
 Acq On : 17 Nov 2023 22:57
 Operator : MA/JU
 Sample : 05311-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:23:27 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)

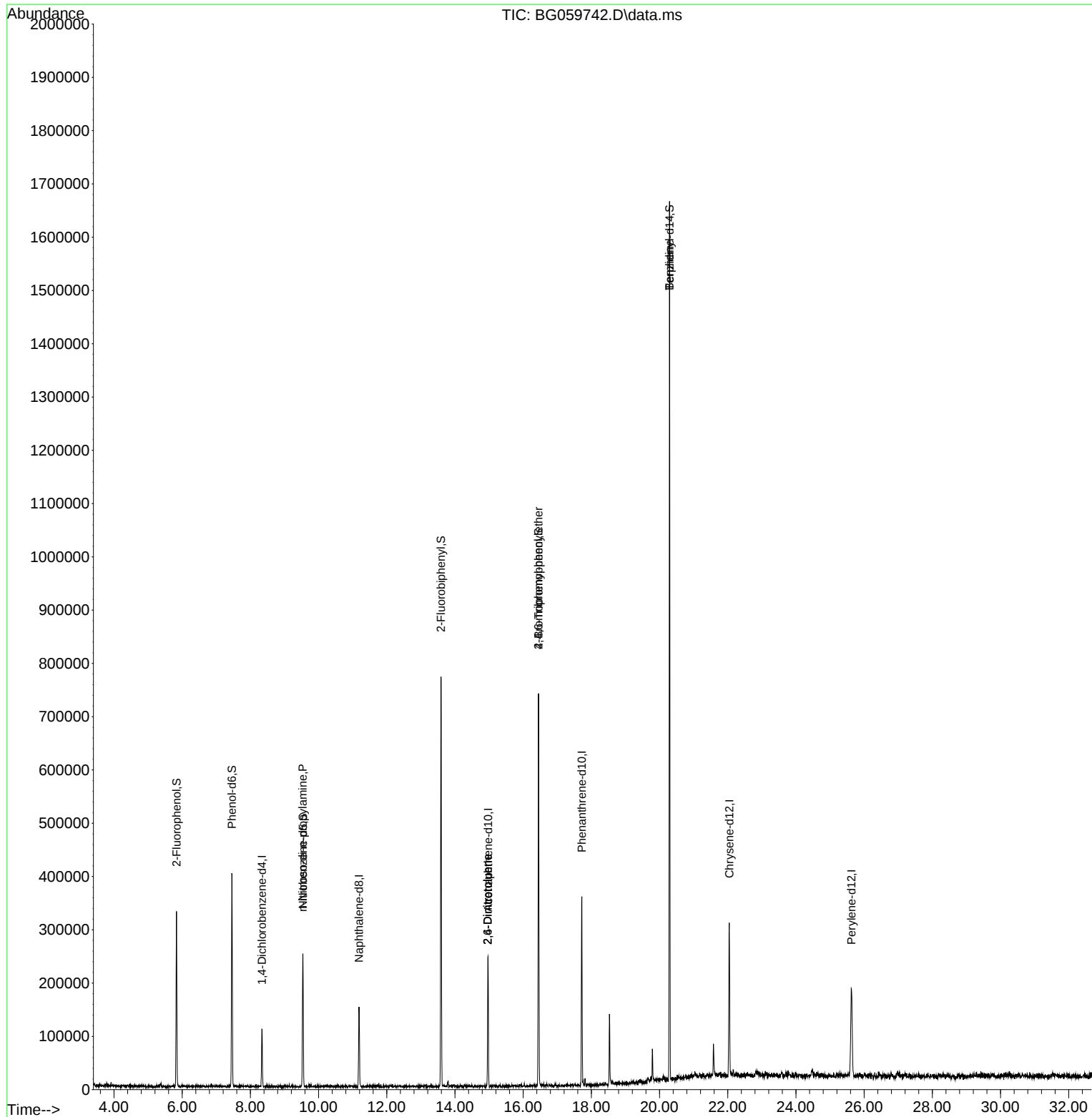
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	21275	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	103957	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	74162	20.000	ng	# 0.00
64) Phenanthrene-d10	17.720	188	187635	20.000	ng	0.00
76) Chrysene-d12	22.044	240	162160	20.000	ng	0.00
86) Perylene-d12	25.628	264	197501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	112103	88.689	ng	0.00
7) Phenol-d6	7.455	99	173780	92.775	ng	0.00
23) Nitrobenzene-d5	9.541	82	153211	56.287	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	94076	111.801	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	321816	58.410	ng	0.00
79) Terphenyl-d14	20.293	244	646111	58.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.535	70	24637	16.702	ng	# 85
51) 2,6-Dinitrotoluene	14.958	165	12119	11.116	ng	# 1
57) 2,4-Dinitrotoluene	14.958	165	12119	7.228	ng	# 4
67) 4-Bromophenyl-phenylether	16.451	248	7573	3.757	ng	# 1
77) Benzidine	20.293	184	19685	5.353	ng	# 88

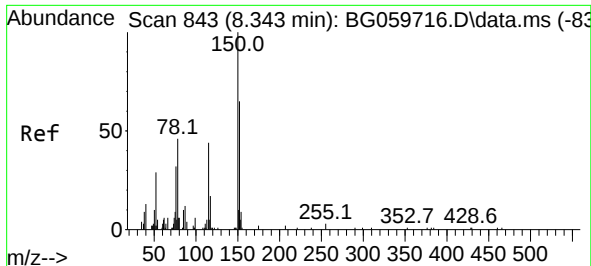
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

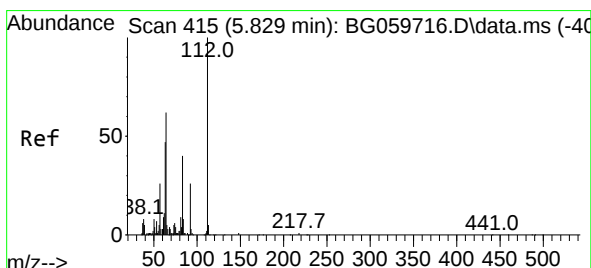
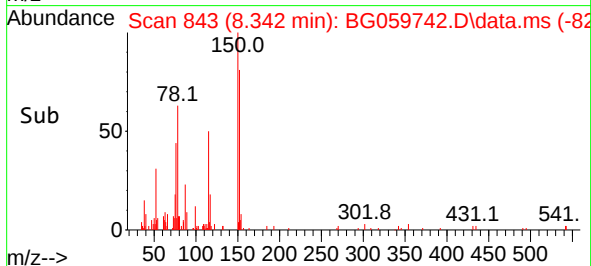
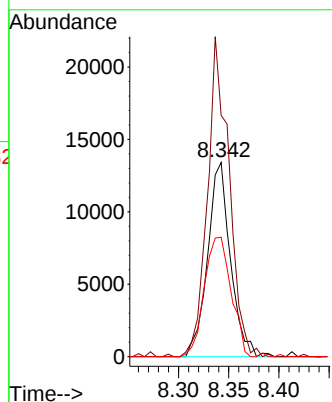
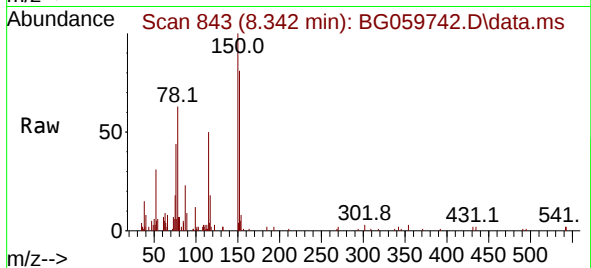




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

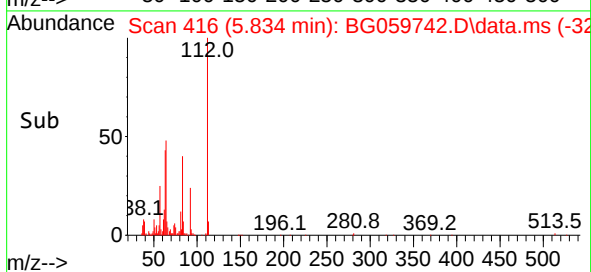
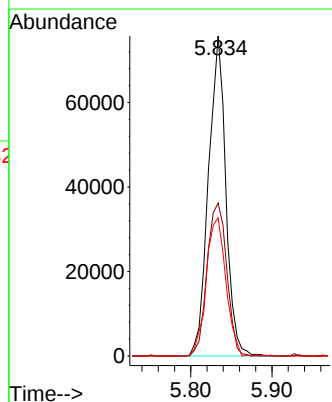
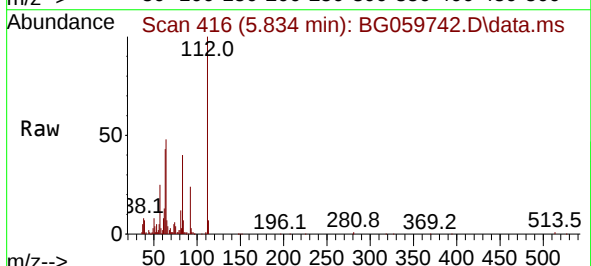
Instrument :
BNA_G
ClientSampleId :

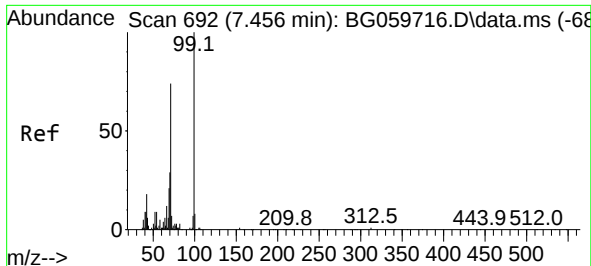
Tgt Ion:152 Resp: 21275
Ion Ratio Lower Upper
152 100
150 124.2 122.2 183.4
115 61.5 54.2 81.4



#5
2-Fluorophenol
Concen: 88.689 ng
RT: 5.834 min Scan# 416
Delta R.T. 0.005 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

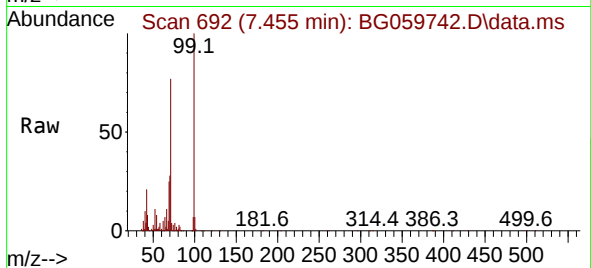
Tgt Ion:112 Resp: 112103
Ion Ratio Lower Upper
112 100
64 47.7 49.5 74.3#
63 43.2 37.4 56.2



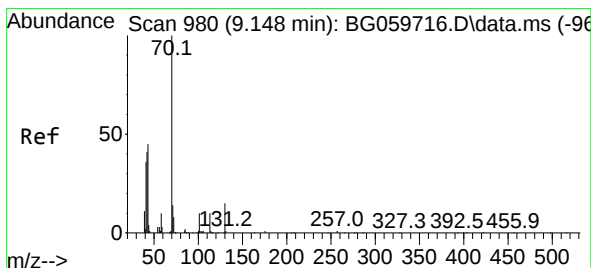
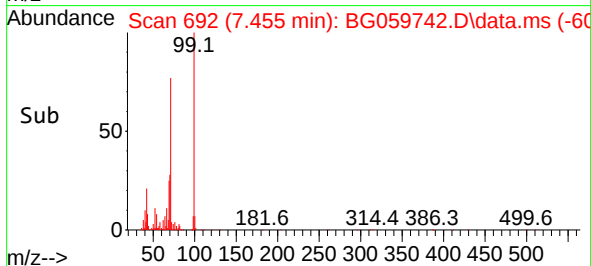
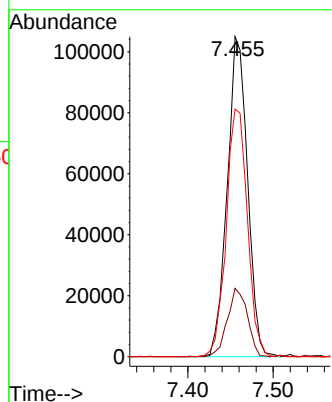


#7
Phenol-d6
Concen: 92.775 ng
RT: 7.455 min Scan# 692
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Instrument :
BNA_G
ClientSampleId :

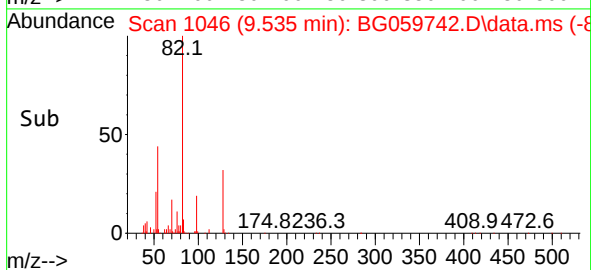
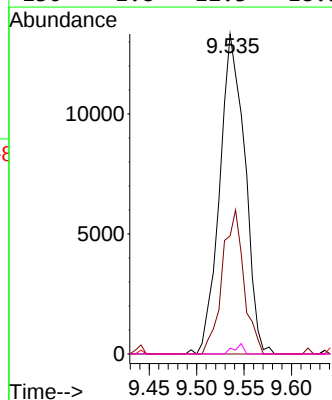
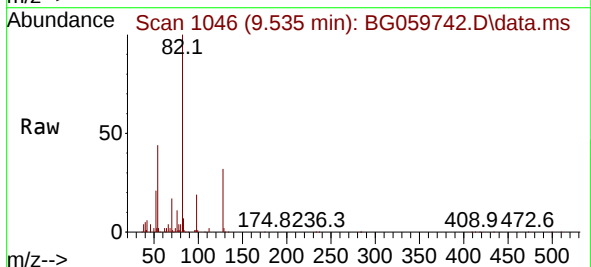


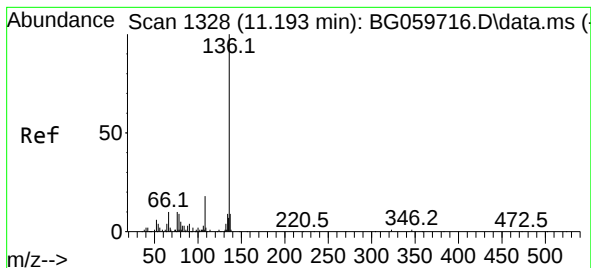
Tgt Ion:	99	Resp:	173780
Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.3	21.5
71	77.4	59.3	88.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.702 ng
RT: 9.535 min Scan# 1046
Delta R.T. 0.387 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Tgt Ion:	70	Resp:	24637
Ion	Ratio	Lower	Upper
70	100		
42	36.9	32.8	49.2
101	0.0	7.7	11.5#
130	1.8	12.3	18.5#

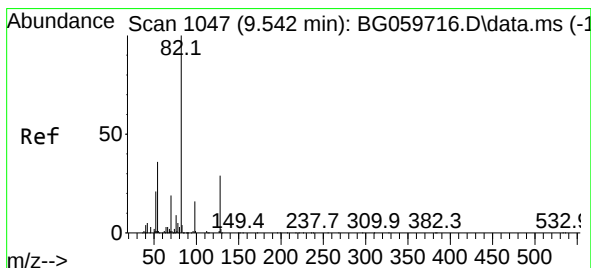
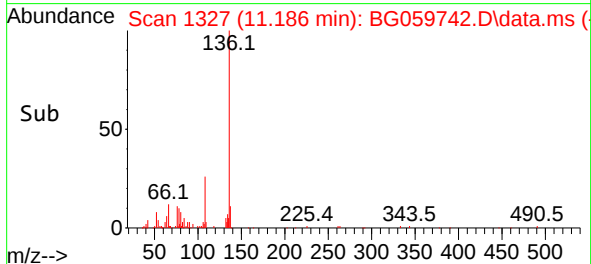
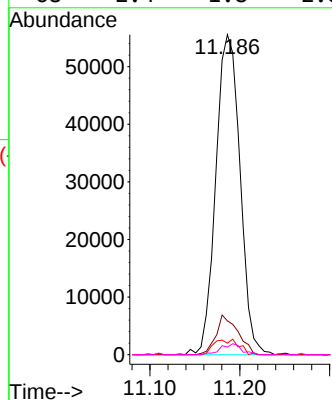
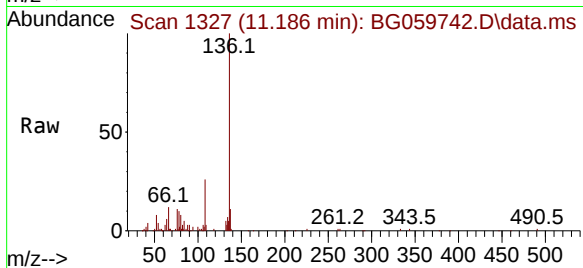




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

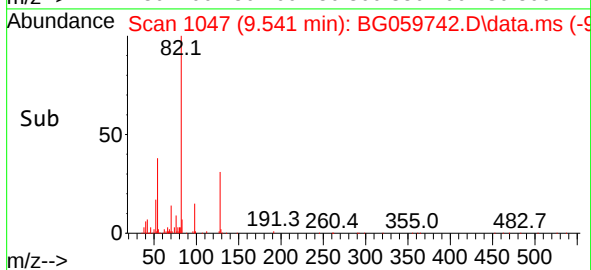
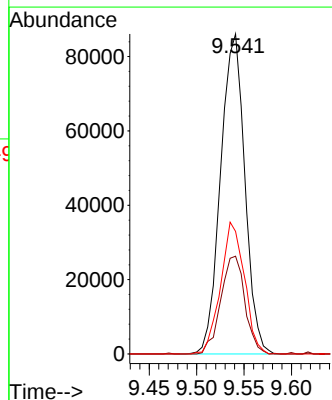
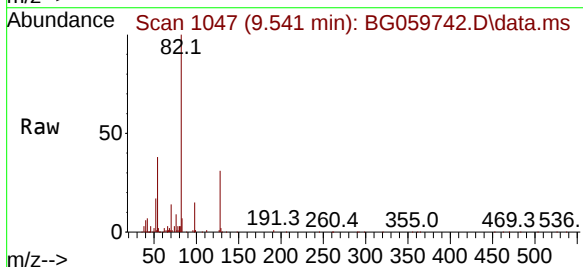
Instrument :
BNA_G
ClientSampleId :

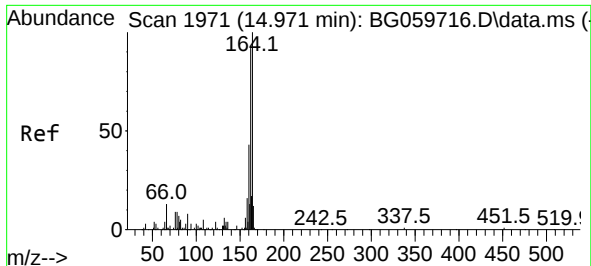
Tgt Ion:	136	Resp:	103957
Ion Ratio	Lower	Upper	
136	100		
137	10.6	7.4	11.0
54	3.6	3.1	4.7
68	2.4	1.8	2.8



#23
Nitrobenzene-d5
Concen: 56.287 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Tgt Ion:	82	Resp:	153211
Ion Ratio	Lower	Upper	
82	100		
128	30.5	23.0	34.6
54	38.3	28.7	43.1

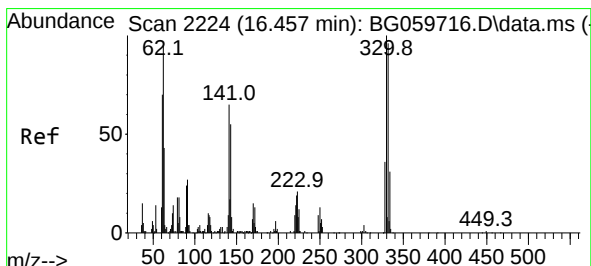
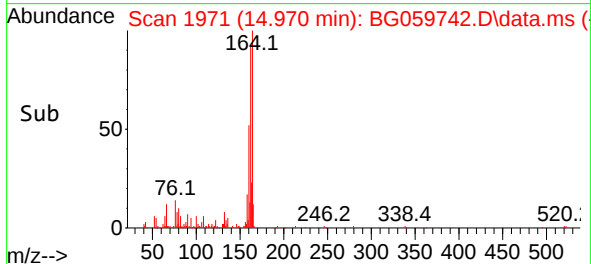
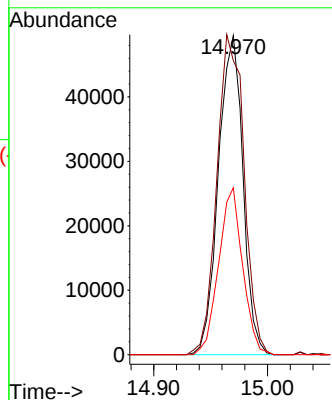
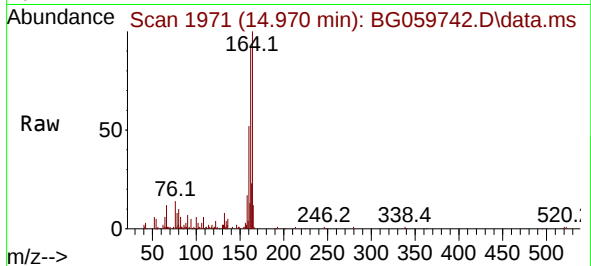




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

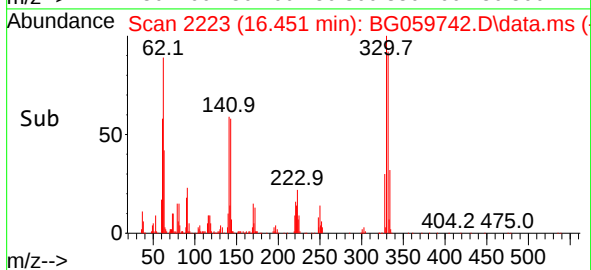
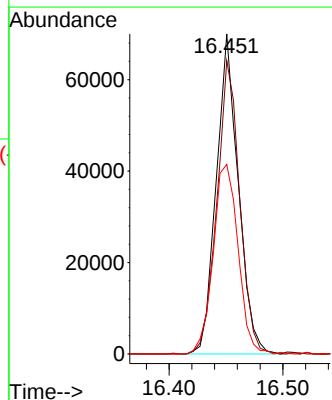
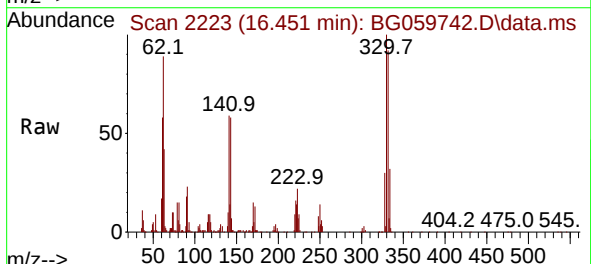
Instrument :
BNA_G
ClientSampleId :

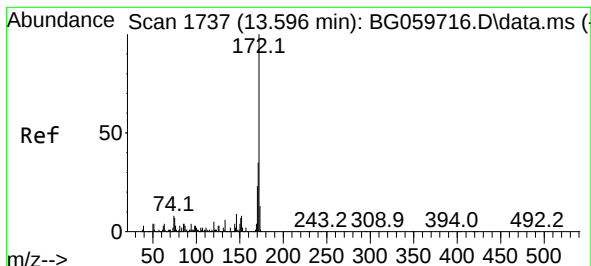
Tgt Ion:164 Resp: 74162
Ion Ratio Lower Upper
164 100
162 92.2 73.3 109.9
160 52.3 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 111.801 ng
RT: 16.451 min Scan# 2223
Delta R.T. -0.007 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Tgt Ion:330 Resp: 94076
Ion Ratio Lower Upper
330 100
332 94.5 73.3 109.9
141 67.0 52.1 78.1

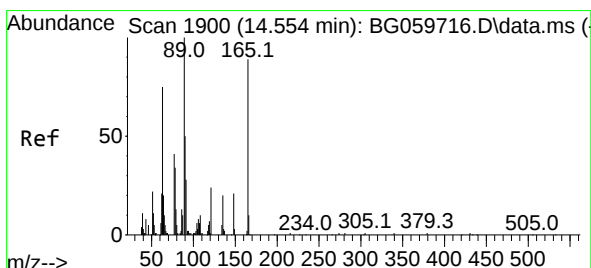
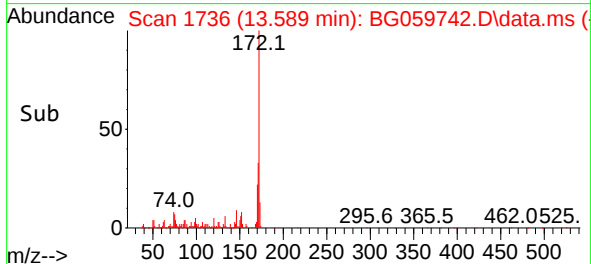
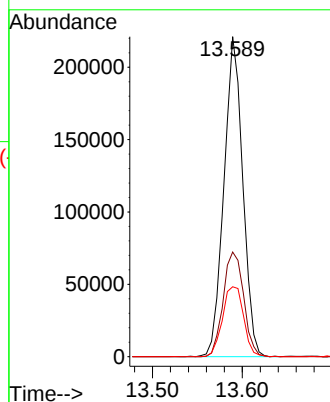
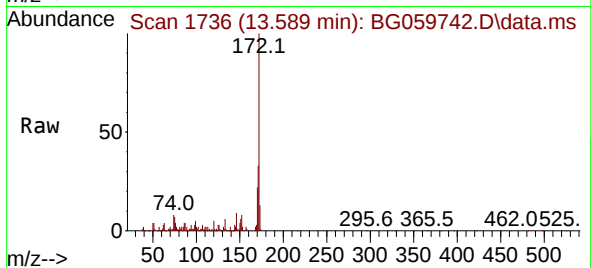




#45
2-Fluorobiphenyl
Concen: 58.410 ng
RT: 13.589 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

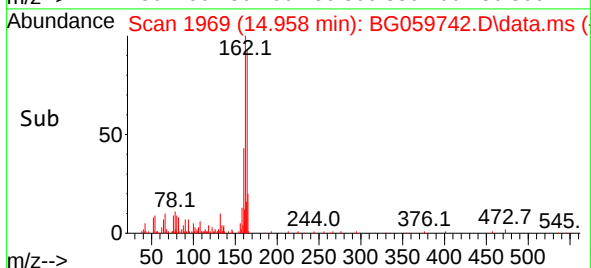
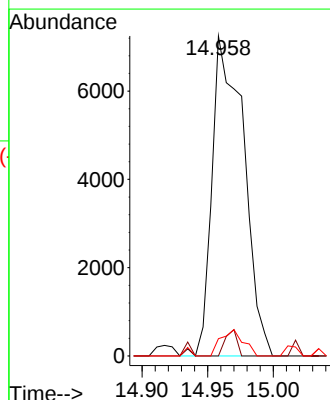
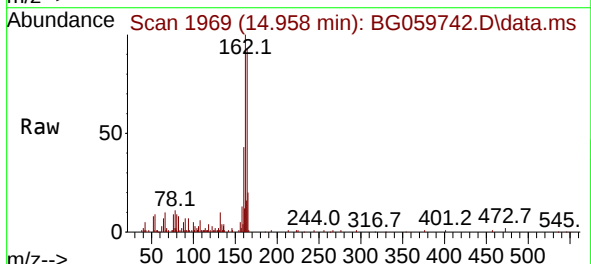
Instrument :
BNA_G
ClientSampleId :

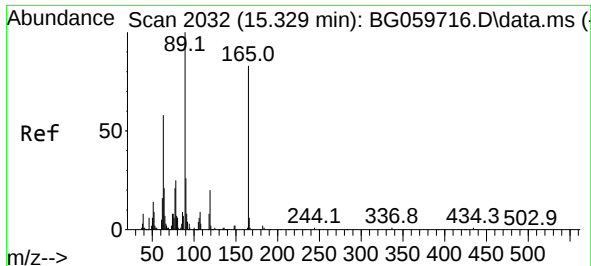
Tgt Ion:172 Resp: 321816
Ion Ratio Lower Upper
172 100
171 32.7 27.7 41.5
170 21.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 11.116 ng
RT: 14.958 min Scan# 1969
Delta R.T. 0.404 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

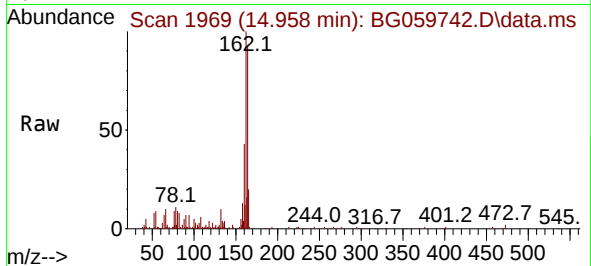
Tgt Ion:165 Resp: 12119
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 5.4 90.9 136.3#



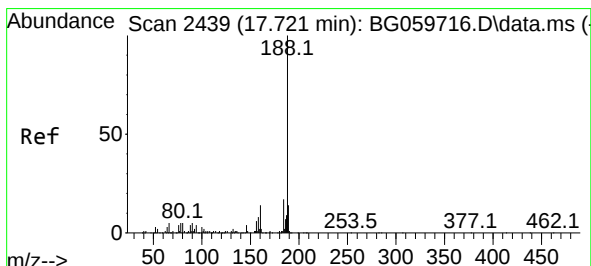
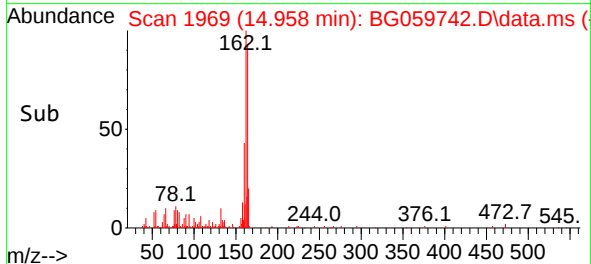
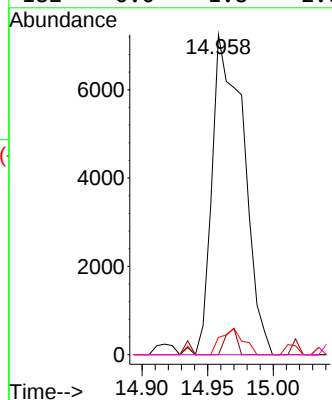


#57
2,4-Dinitrotoluene
Concen: 7.228 ng
RT: 14.958 min Scan# 1969
Delta R.T. -0.371 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Instrument :
BNA_G
ClientSampleId :

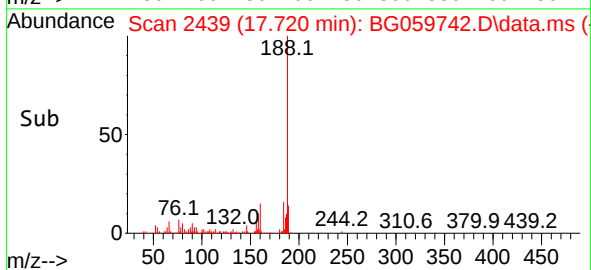
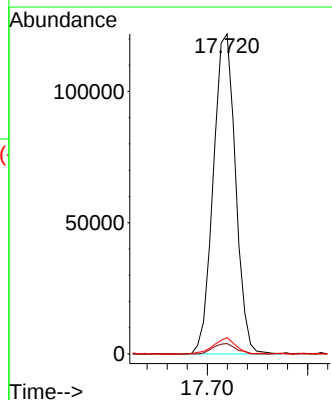
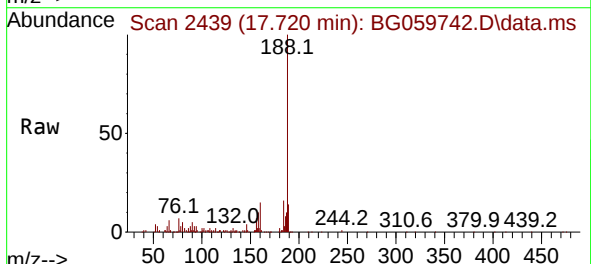


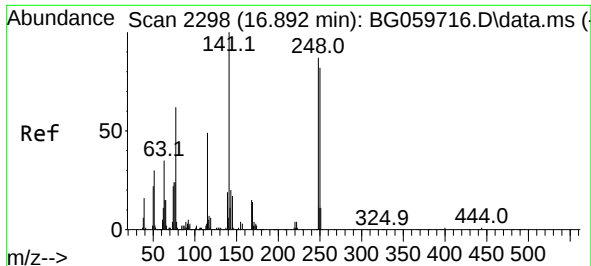
Tgt Ion:165 Resp: 12119
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 5.4 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

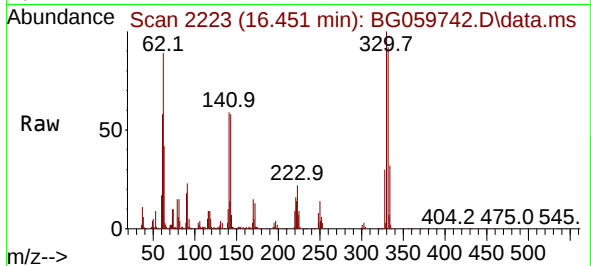
Tgt Ion:188 Resp: 187635
Ion Ratio Lower Upper
188 100
94 3.3 3.0 4.4
80 5.1 4.2 6.4



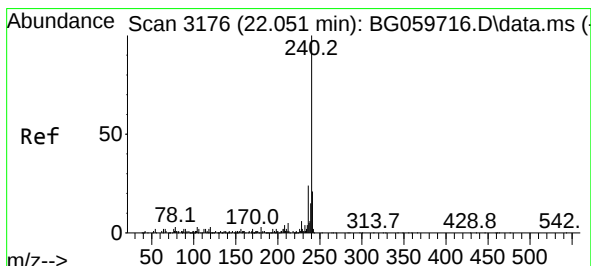
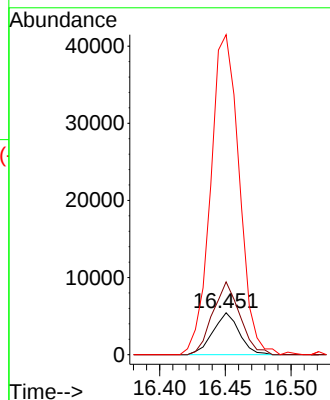
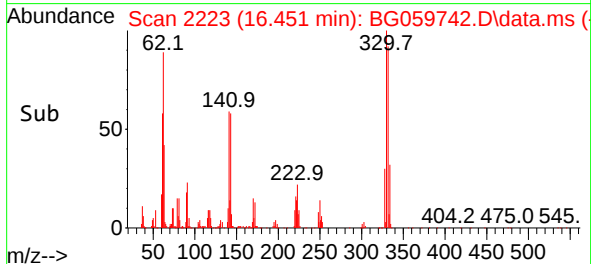


#67
4-Bromophenyl-phenylether
Concen: 3.757 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Instrument :
BNA_G
ClientSampleId :

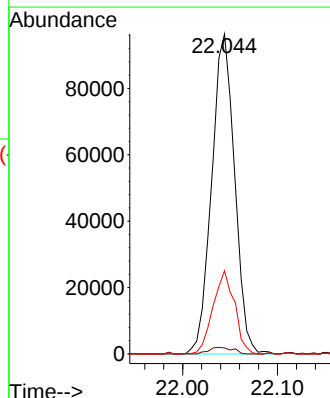
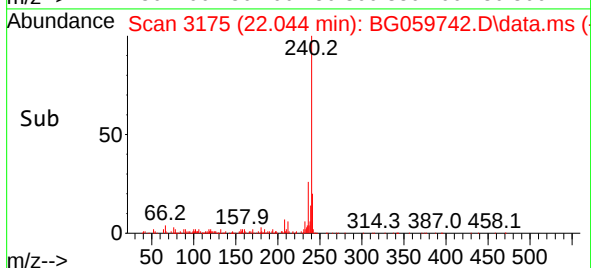
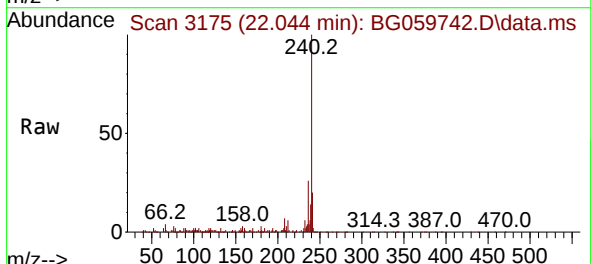


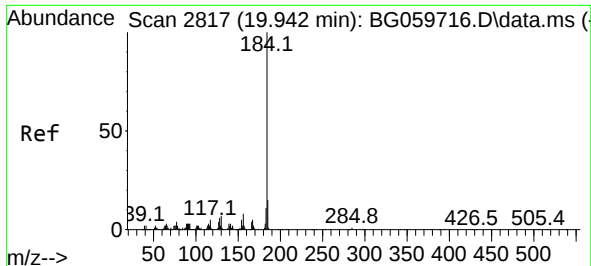
Tgt Ion:248 Resp: 7573
Ion Ratio Lower Upper
248 100
250 122.5 75.2 112.8#
141 537.6 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3175
Delta R.T. -0.007 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Tgt Ion:240 Resp: 162160
Ion Ratio Lower Upper
240 100
120 2.8 2.2 3.2
236 26.0 19.4 29.2

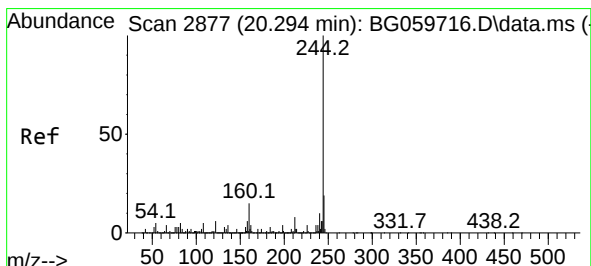
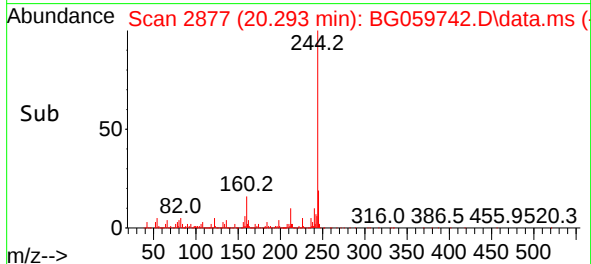
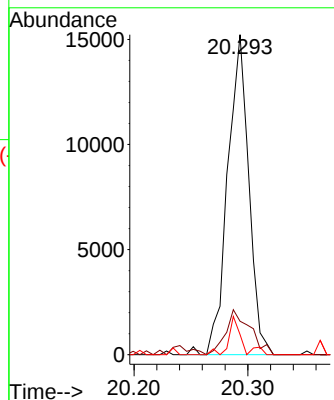
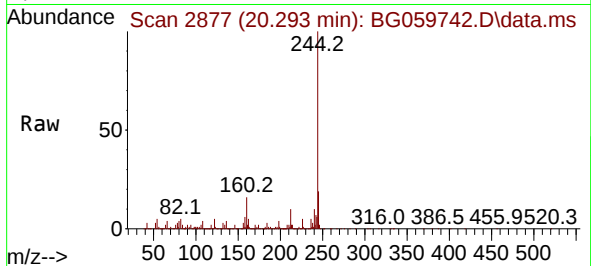




#77
Benzidine
Concen: 5.353 ng
RT: 20.293 min Scan# 2877
Delta R.T. 0.352 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

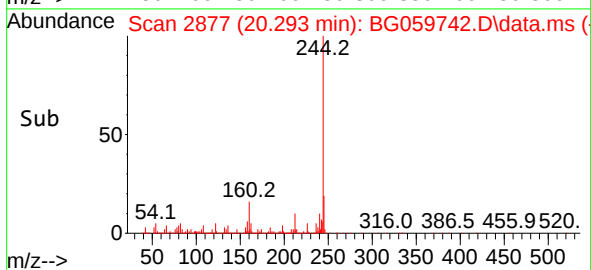
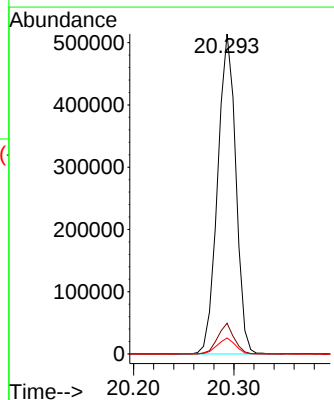
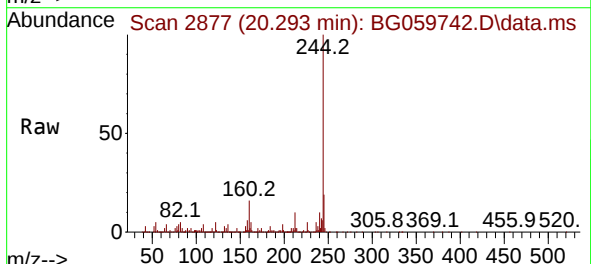
Instrument :
BNA_G
ClientSampleId :

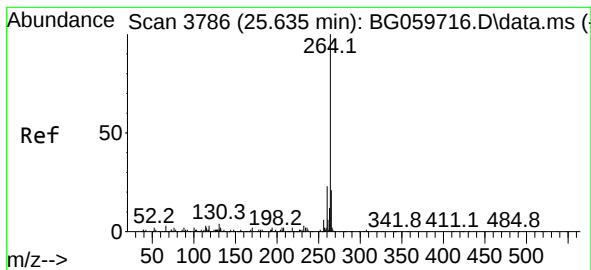
Tgt Ion:184 Resp: 19685
Ion Ratio Lower Upper
184 100
185 10.4 12.2 18.2#
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 58.820 ng
RT: 20.293 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG059742.D
Acq: 17 Nov 2023 22:57

Tgt Ion:244 Resp: 646111
Ion Ratio Lower Upper
244 100
212 9.6 6.6 10.0
122 5.0 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: BG059742.D
 Acq: 17 Nov 2023 22:57

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 197501
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.5 27.7
 265 20.8 17.0 25.6

