

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059760.D
 Acq On : 18 Nov 2023 11:51
 Operator : MA/JU
 Sample : 05346-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:41:55 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)

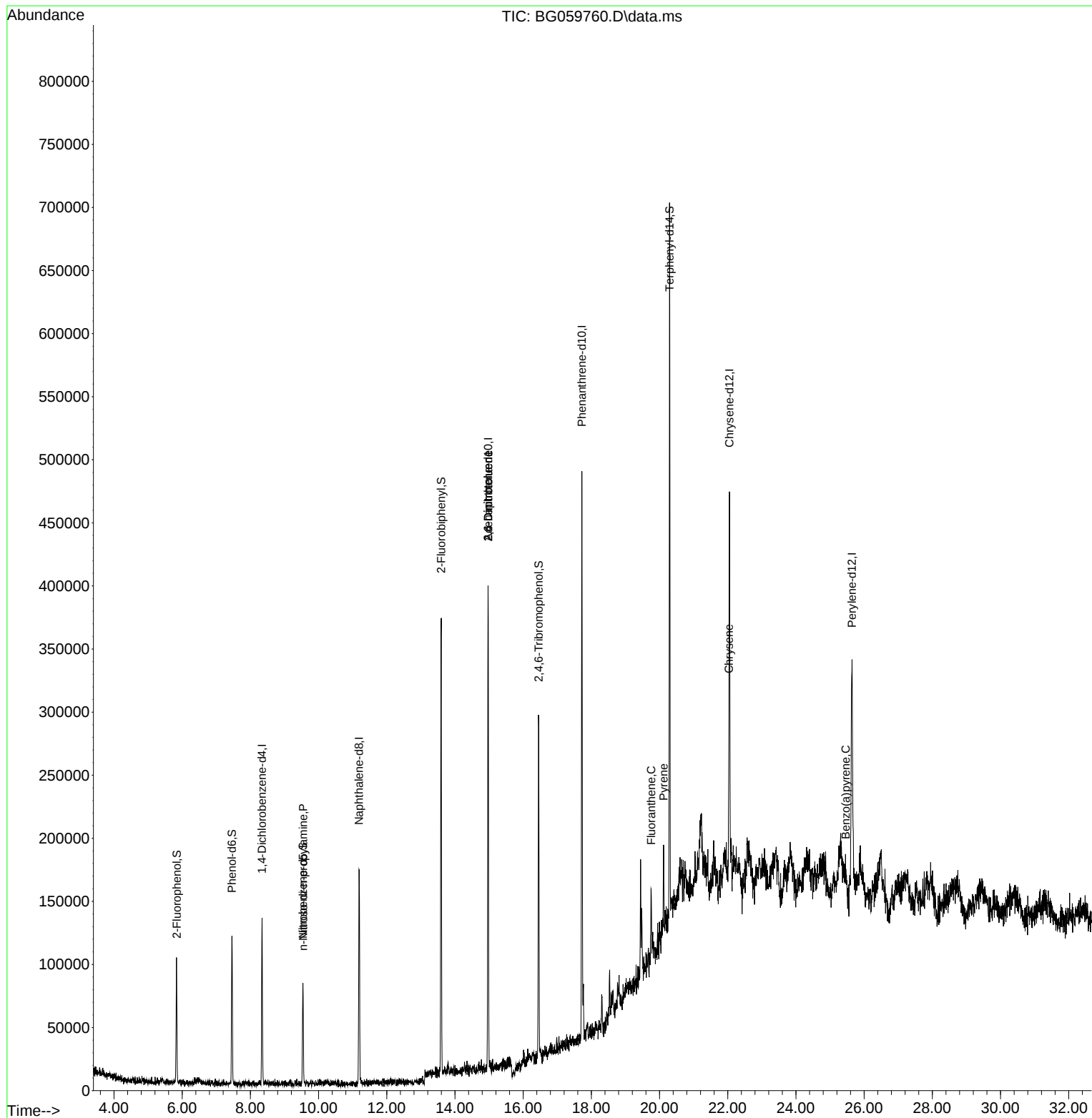
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	25822	20.000	ng	# 0.00
21) Naphthalene-d8	11.186	136	122799	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	112717	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	237293	20.000	ng	# 0.00
76) Chrysene-d12	22.050	240	182716	20.000	ng	# 0.00
86) Perylene-d12	25.640	264	221889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.840	112	34769	22.663	ng	0.01
7) Phenol-d6	7.455	99	53426	23.500	ng	0.00
23) Nitrobenzene-d5	9.541	82	50461	15.694	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	36872	28.831	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	146310	17.472	ng	0.00
79) Terphenyl-d14	20.293	244	217237	17.552	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.547	70	8002	4.470	ng	# 83
51) 2,6-Dinitrotoluene	14.970	165	17208	10.385	ng	# 1
57) 2,4-Dinitrotoluene	14.970	165	17208	6.753	ng	# 3
75) Fluoranthene	19.753	202	32321	2.234	ng	84
78) Pyrene	20.117	202	36827	2.962	ng	# 83
83) Chrysene	22.032	228	23094	2.015	ng	94
90) Benzo(a)pyrene	25.458	252	26648	2.053	ng	# 89

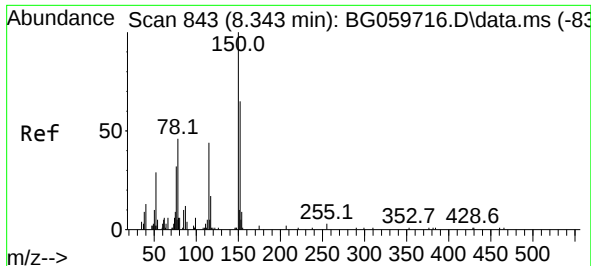
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
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Misc :
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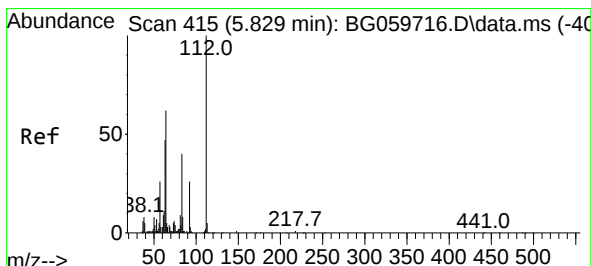
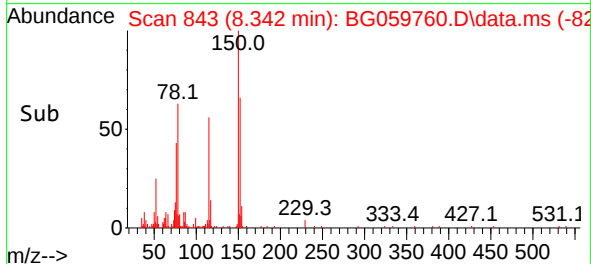
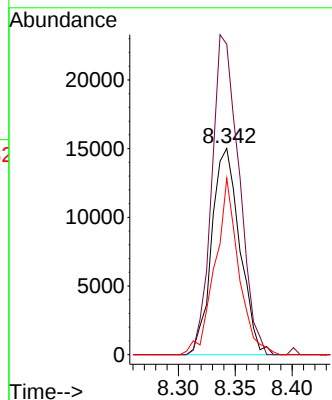
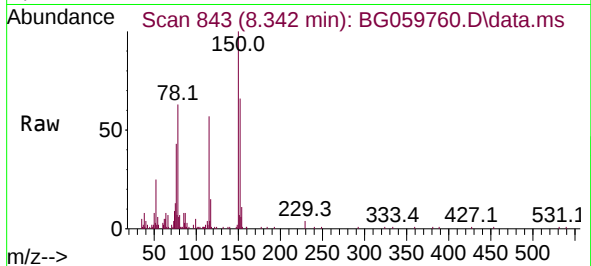




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

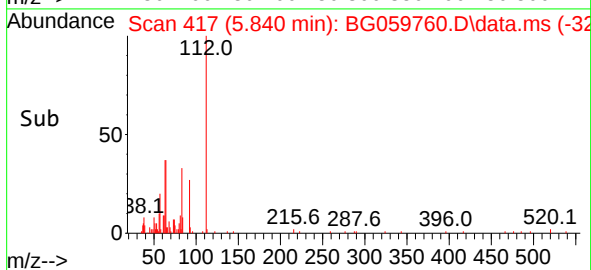
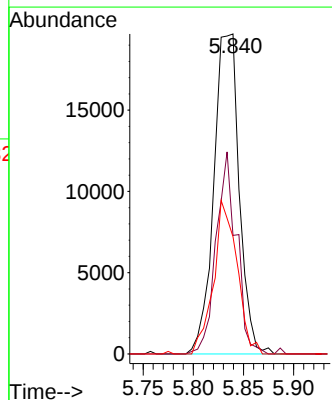
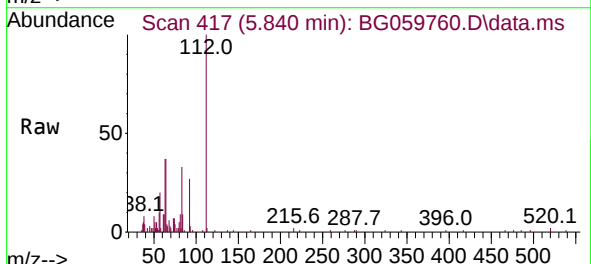
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25822
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.4
115 85.5 54.2 81.4#



#5
2-Fluorophenol
Concen: 22.663 ng
RT: 5.840 min Scan# 417
Delta R.T. 0.011 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:112 Resp: 34769
Ion Ratio Lower Upper
112 100
64 37.0 49.5 74.3#
63 36.6 37.4 56.2#

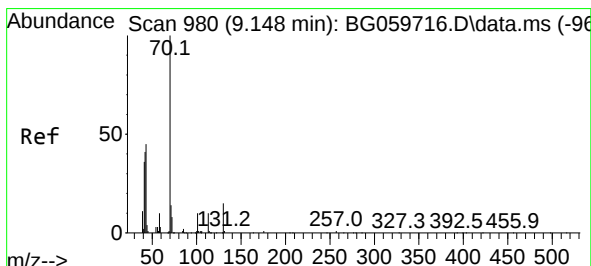
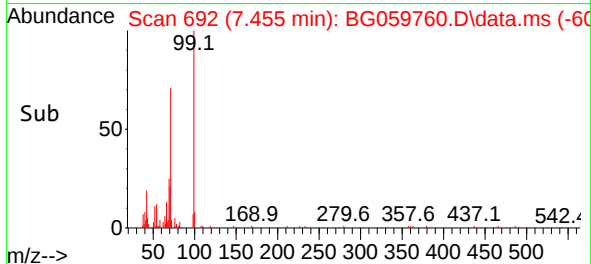
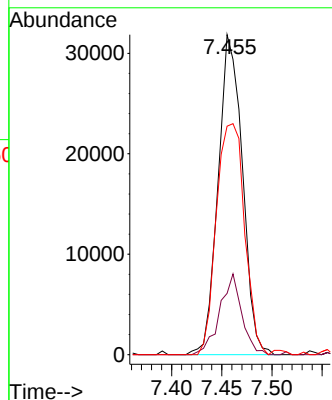
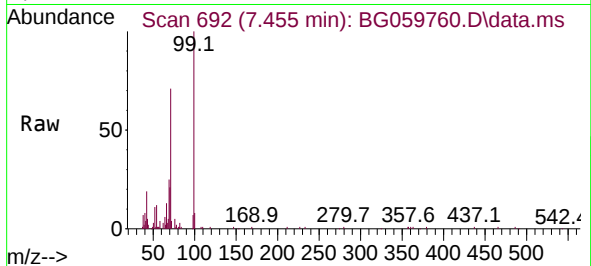




#7
Phenol-d6
Concen: 23.500 ng
RT: 7.455 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

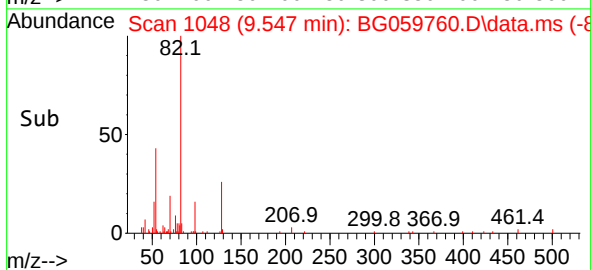
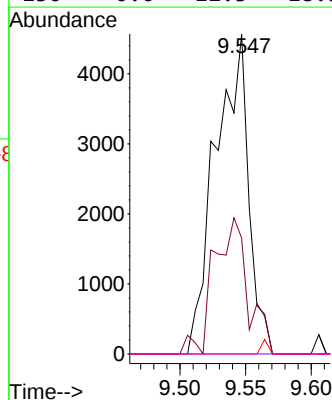
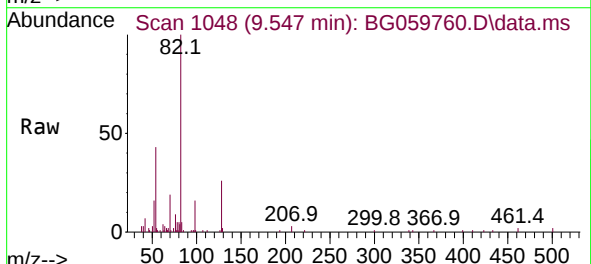
Instrument :
BNA_G
ClientSampleId :

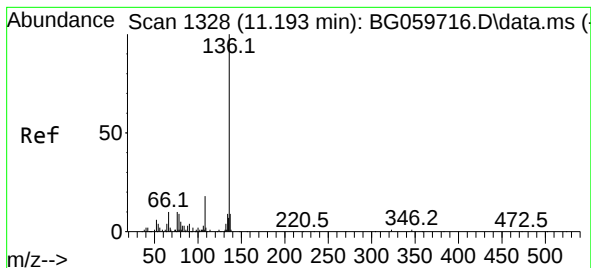
Tgt Ion: 99 Resp: 53426
Ion Ratio Lower Upper
99 100
42 19.2 14.3 21.5
71 71.4 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 4.470 ng
RT: 9.547 min Scan# 1048
Delta R.T. 0.399 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion: 70 Resp: 8002
Ion Ratio Lower Upper
70 100
42 36.2 32.8 49.2
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

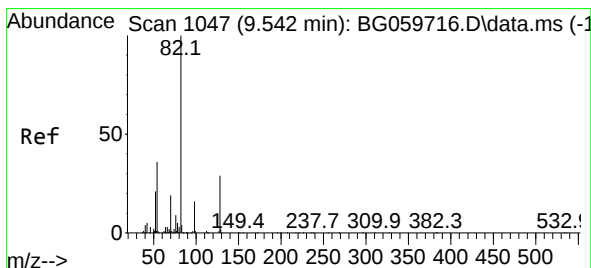
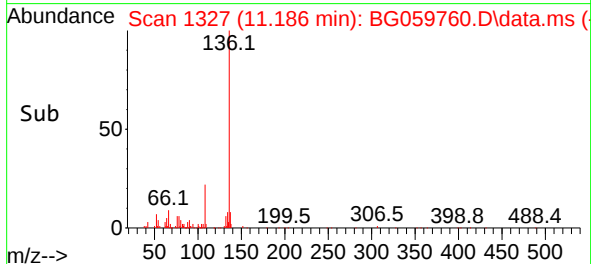
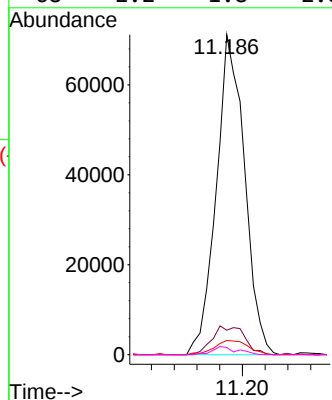
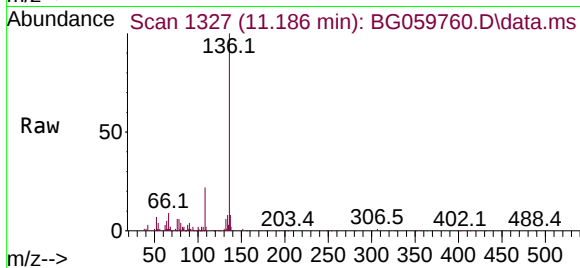




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

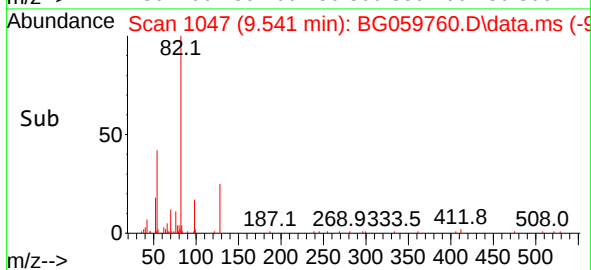
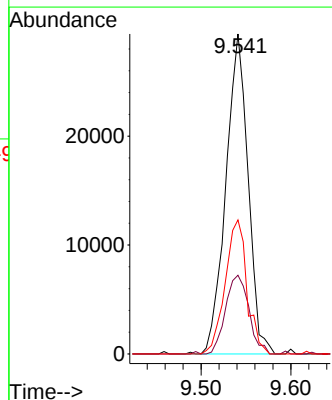
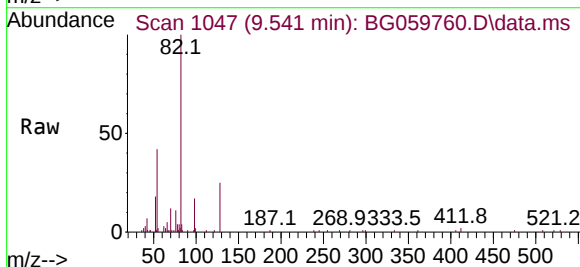
Instrument :
BNA_G
ClientSampleId :

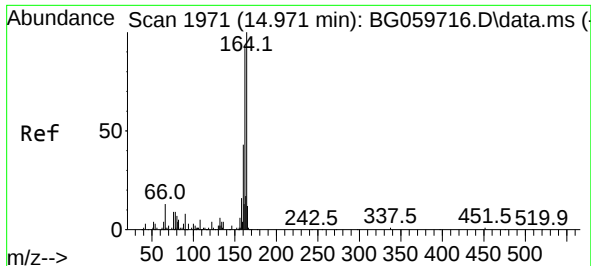
Tgt Ion:	136	Resp:	122799
Ion	Ratio	Lower	Upper
136	100		
137	7.6	7.4	11.0
54	4.5	3.1	4.7
68	2.2	1.8	2.8



#23
Nitrobenzene-d5
Concen: 15.694 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:	82	Resp:	50461
Ion	Ratio	Lower	Upper
82	100		
128	24.6	23.0	34.6
54	41.9	28.7	43.1

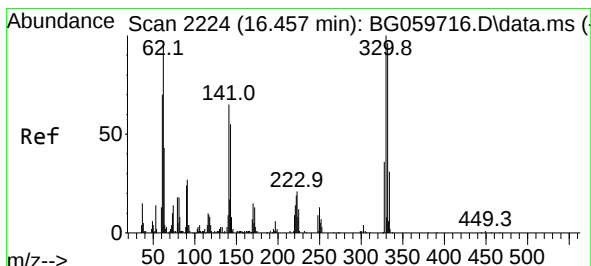
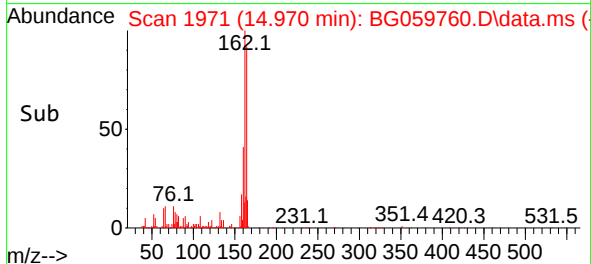
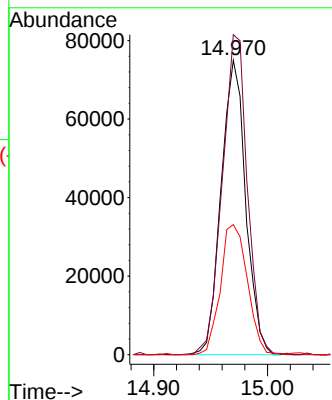
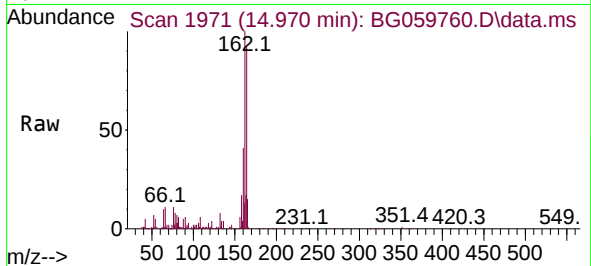




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

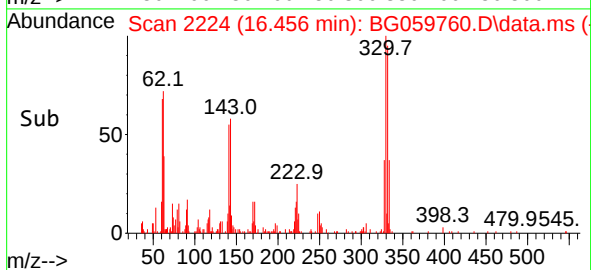
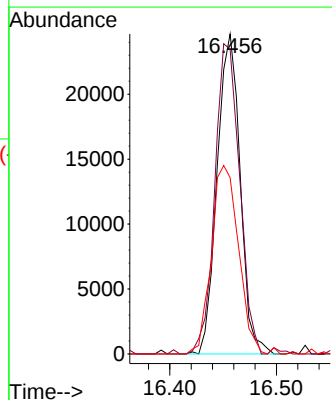
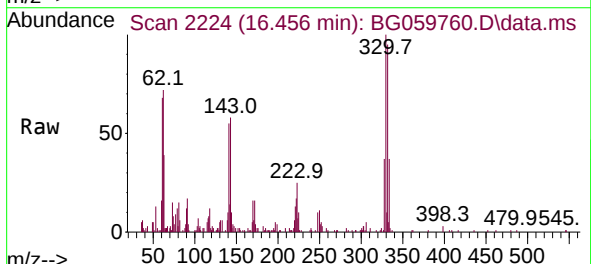
Instrument :
BNA_G
ClientSampleId :

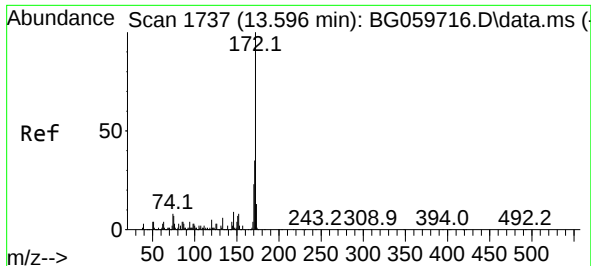
Tgt Ion:164 Resp: 112717
Ion Ratio Lower Upper
164 100
162 108.7 73.3 109.9
160 44.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 28.831 ng
RT: 16.456 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:330 Resp: 36872
Ion Ratio Lower Upper
330 100
332 104.2 73.3 109.9
141 69.0 52.1 78.1

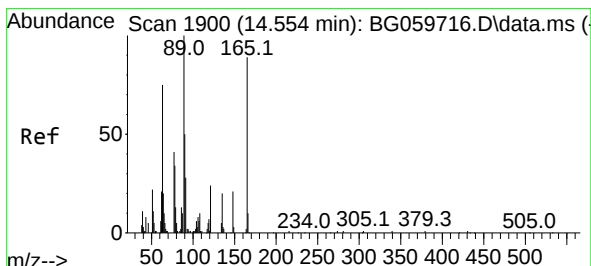
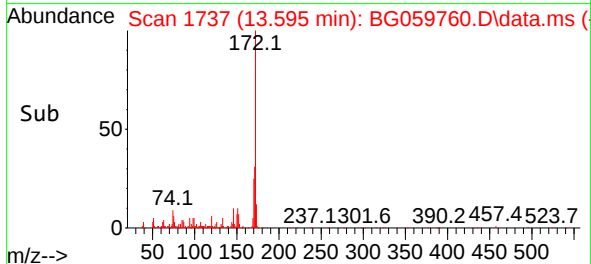
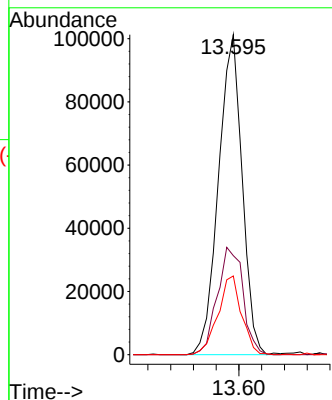
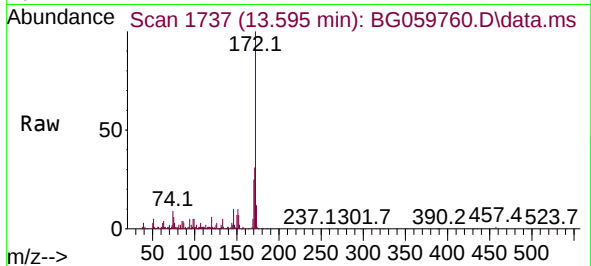




#45
2-Fluorobiphenyl
Concen: 17.472 ng
RT: 13.595 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

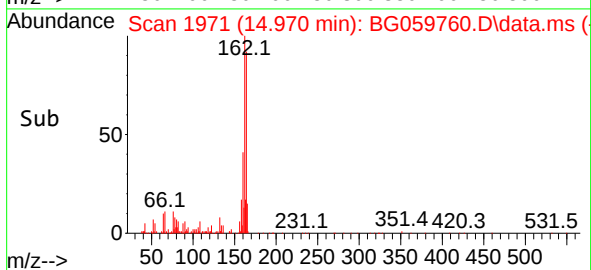
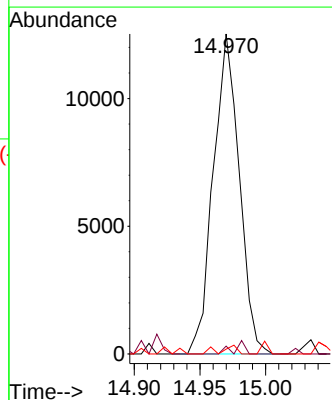
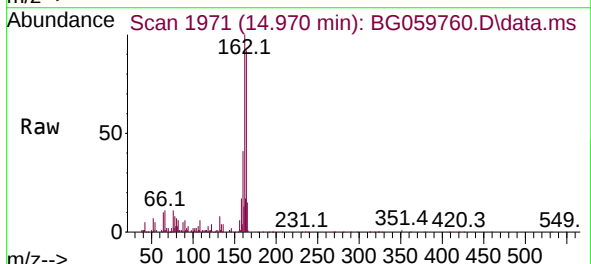
Instrument :
BNA_G
ClientSampleId :

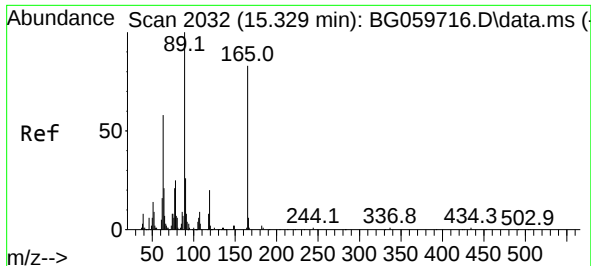
Tgt Ion:172 Resp: 146310
Ion Ratio Lower Upper
172 100
171 30.9 27.7 41.5
170 24.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 10.385 ng
RT: 14.970 min Scan# 1971
Delta R.T. 0.416 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

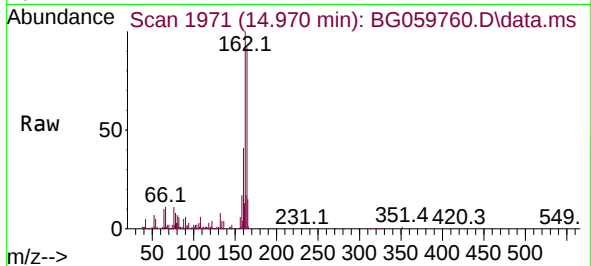
Tgt Ion:165 Resp: 17208
Ion Ratio Lower Upper
165 100
63 2.5 75.3 112.9#
89 1.5 90.9 136.3#



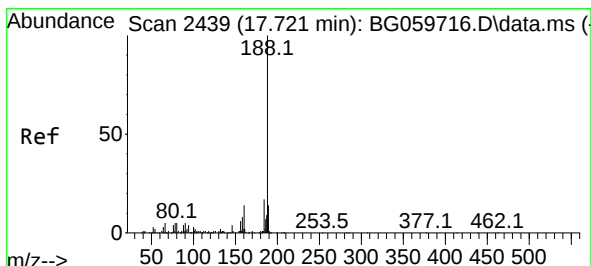
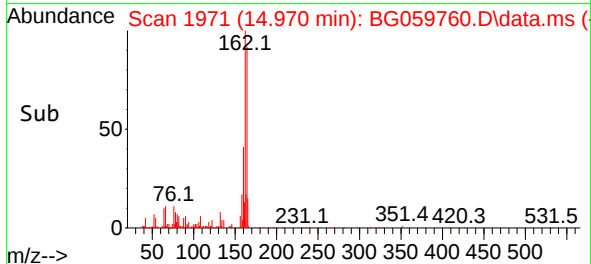
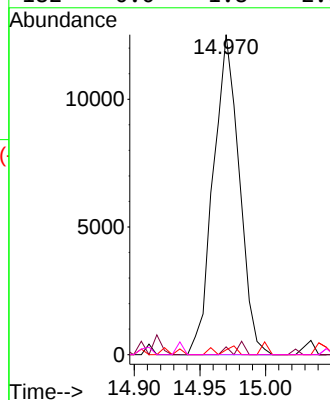


#57
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Instrument :
BNA_G
ClientSampleId :

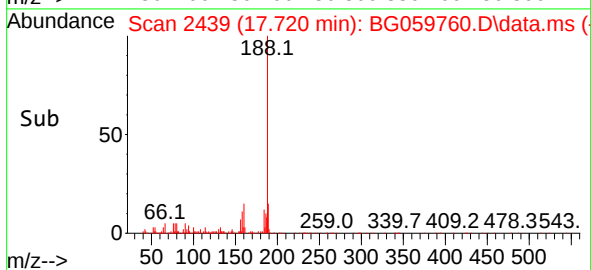
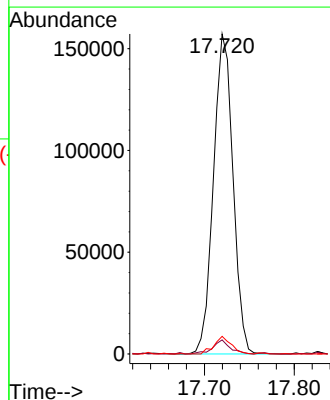
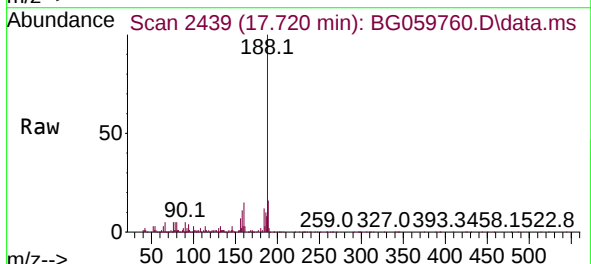


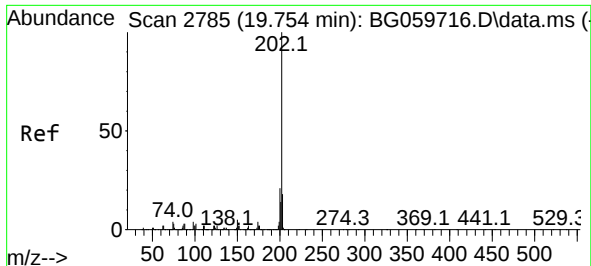
Tgt Ion:165 Resp: 17208
Ion Ratio Lower Upper
165 100
63 2.5 55.8 83.8#
89 1.5 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:188 Resp: 237293
Ion Ratio Lower Upper
188 100
94 5.5 3.0 4.4#
80 5.5 4.2 6.4

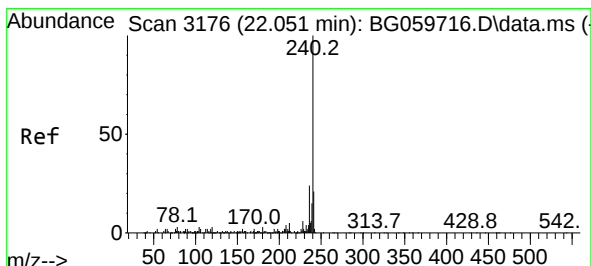
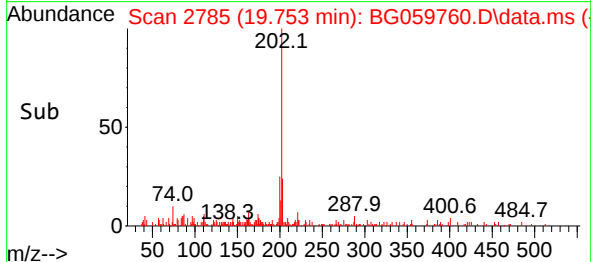
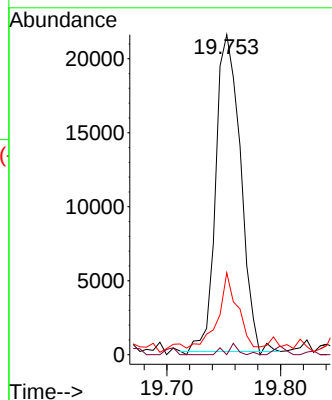
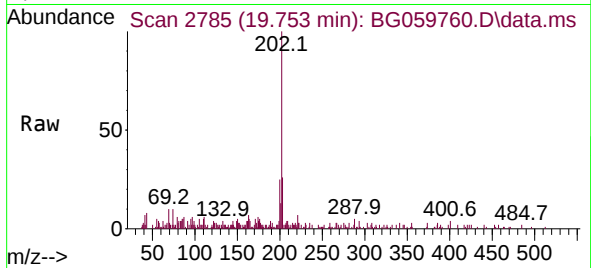




#75
Fluoranthene
Concen: 2.234 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

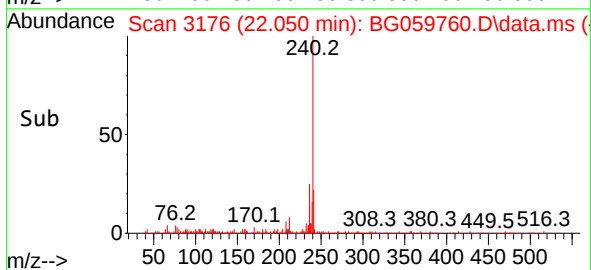
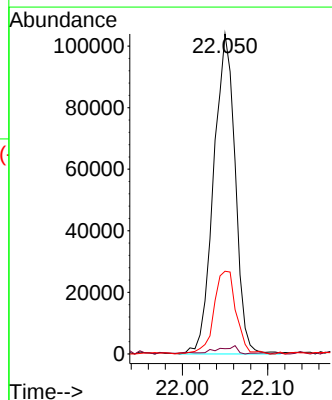
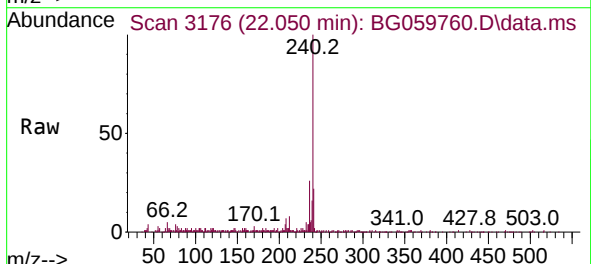
Instrument :
BNA_G
ClientSampleId :

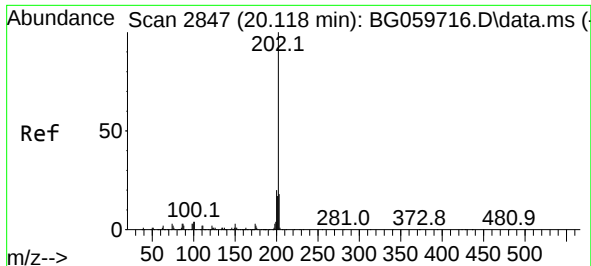
Tgt Ion:202 Resp: 32321
Ion Ratio Lower Upper
202 100
101 0.0 0.0 22.7
203 25.6 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.050 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:240 Resp: 182716
Ion Ratio Lower Upper
240 100
120 1.7 2.2 3.2#
236 25.8 19.4 29.2

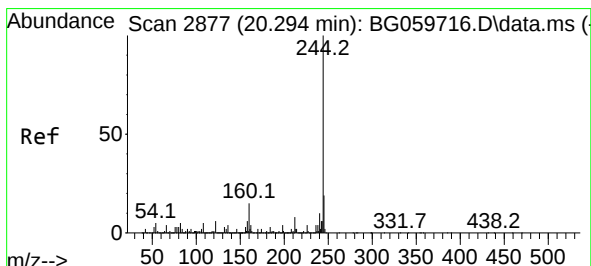
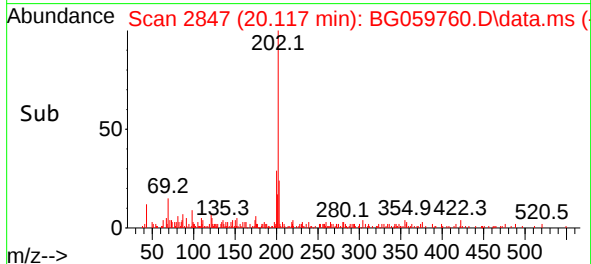
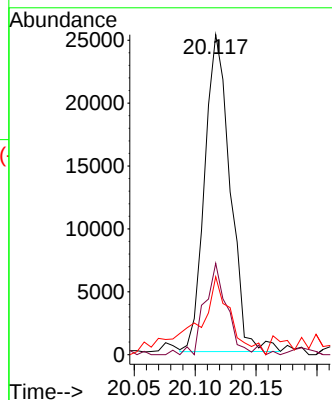
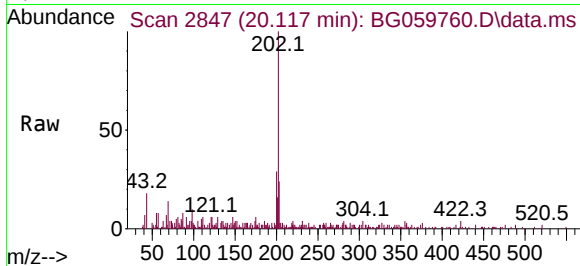




#78
 Pyrene
 Concen: 2.962 ng
 RT: 20.117 min Scan# 2847
 Delta R.T. -0.001 min
 Lab File: BG059760.D
 Acq: 18 Nov 2023 11:51

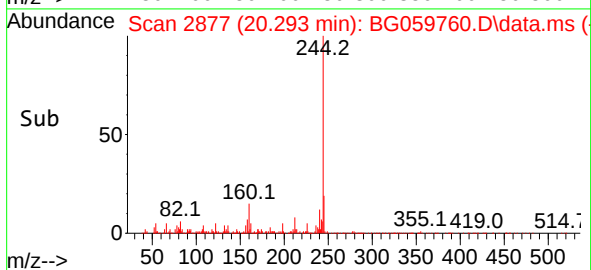
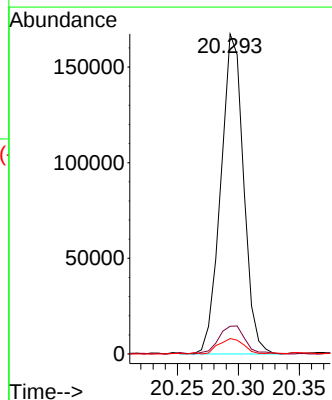
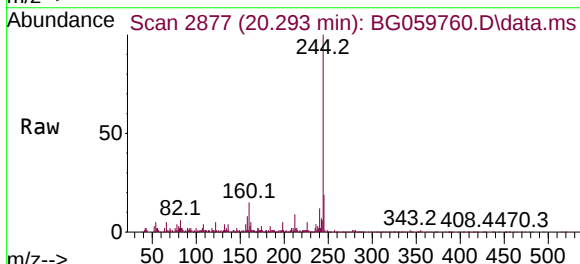
Instrument :
 BNA_G
 ClientSampleId :

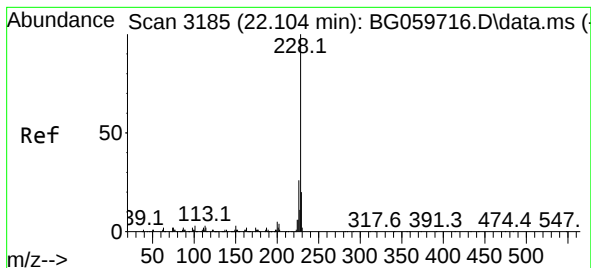
Tgt Ion:202 Resp: 36827
 Ion Ratio Lower Upper
 202 100
 200 28.5 16.2 24.4#
 203 24.4 14.0 21.0#



#79
 Terphenyl-d14
 Concen: 17.552 ng
 RT: 20.293 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG059760.D
 Acq: 18 Nov 2023 11:51

Tgt Ion:244 Resp: 217237
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 4.8 4.4 6.6





#83

Chrysene

Concen: 2.015 ng

RT: 22.032 min Scan# 31

Delta R.T. -0.071 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

Instrument :

BNA_G

ClientSampleId :

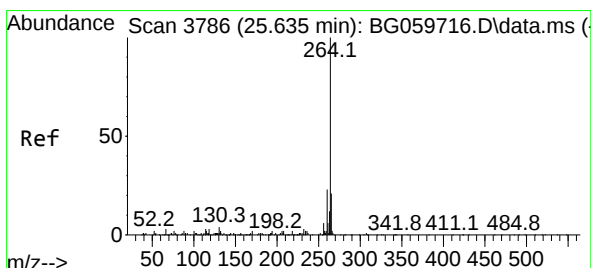
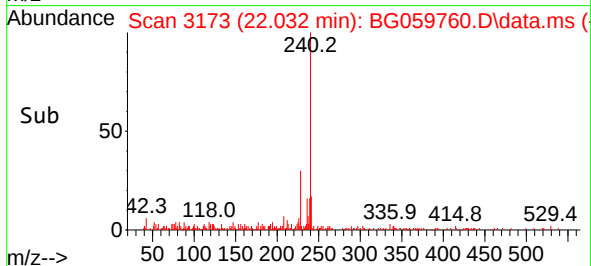
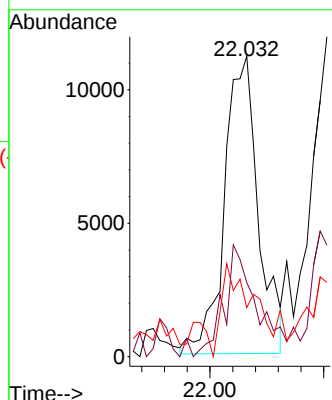
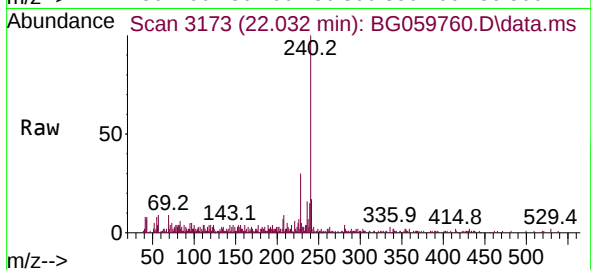
Tgt Ion:228 Resp: 23094

Ion Ratio Lower Upper

228 100

226 24.6 21.1 31.7

229 16.3 16.2 24.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.640 min Scan# 3787

Delta R.T. 0.005 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

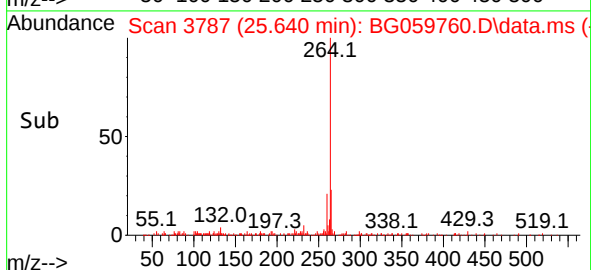
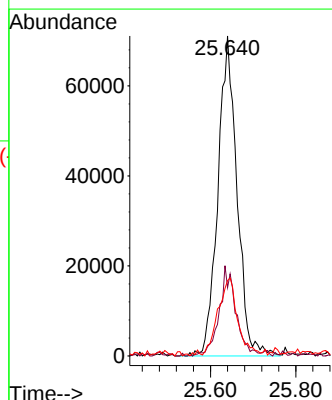
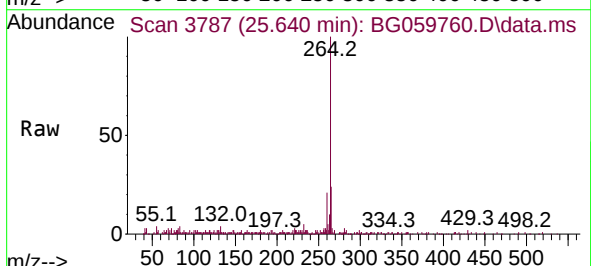
Tgt Ion:264 Resp: 221889

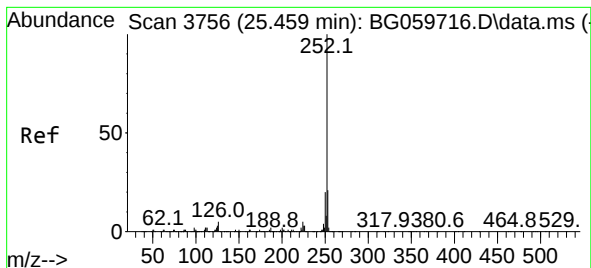
Ion Ratio Lower Upper

264 100

260 21.4 18.5 27.7

265 23.6 17.0 25.6





#90

Benzo(a)pyrene

Concen: 2.053 ng

RT: 25.458 min Scan# 31

Delta R.T. -0.001 min

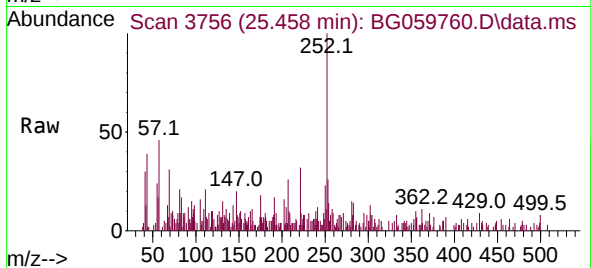
Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:252 Resp: 26648

Ion Ratio Lower Upper

252 100

253 25.6 16.8 25.2#

125 8.2 2.0 3.0#

