

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059790.D
 Acq On : 21 Nov 2023 13:29
 Operator : MA/JU
 Sample : 05379-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Nov 21 14:16:52 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)

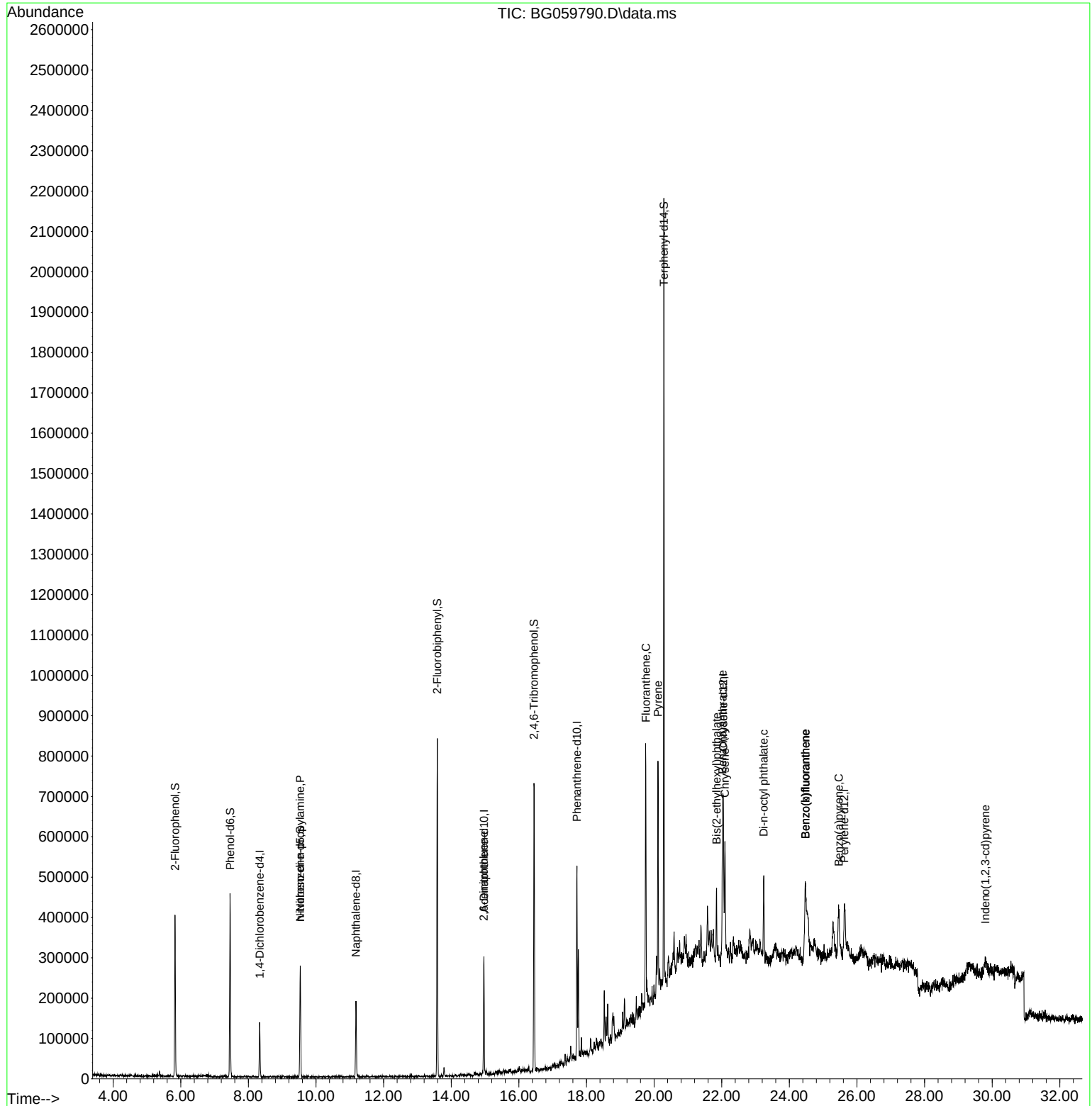
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	25574	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	124920	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	88890	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	253442	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	184212	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	181214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	138717	91.296	ng	0.00
7) Phenol-d6	7.465	99	194890	86.555	ng	0.00
23) Nitrobenzene-d5	9.533	82	169325	51.768	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	102089	101.222	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	352441	53.370	ng	0.00
79) Terphenyl-d14	20.291	244	723427	57.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.533	70	29897	16.861	ng	# 76
51) 2,6-Dinitrotoluene	14.962	165	11109	8.501	ng	# 1
75) Fluoranthene	19.756	202	377676	24.441	ng	97
78) Pyrene	20.115	202	324209	25.867	ng	98
81) Benzo(a)anthracene	22.024	228	203763	16.166	ng	99
83) Chrysene	22.095	228	183170	15.853	ng	98
84) Bis(2-ethylhexyl)phtha...	21.848	149	70628	9.831	ng	# 97
85) Di-n-octyl phthalate	23.241	149	55771	4.032	ng	# 51
87) Indeno(1,2,3-cd)pyrene	29.798	276	71785	5.235	ng	# 90
88) Benzo(b)fluoranthene	24.480	252	364791	36.728	ng	# 98
89) Benzo(k)fluoranthene	24.480	252	364791	37.151	ng	98
90) Benzo(a)pyrene	25.461	252	156729	14.786	ng	94

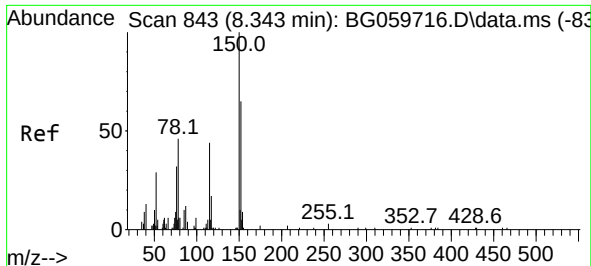
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
Data File : BG059790.D
Acq On : 21 Nov 2023 13:29
Operator : MA/JU
Sample : 05379-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-4

Quant Time: Nov 21 14:16:52 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

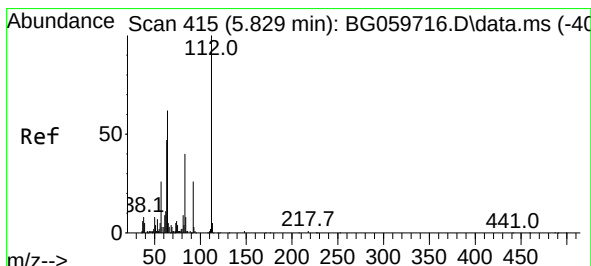
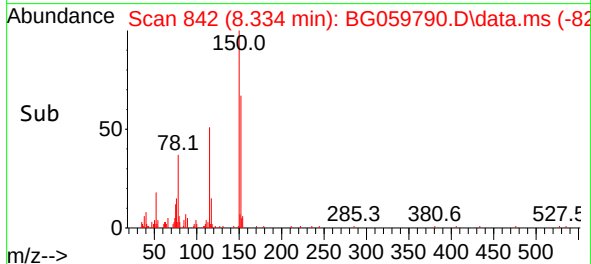
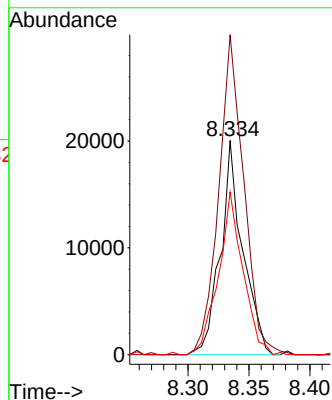
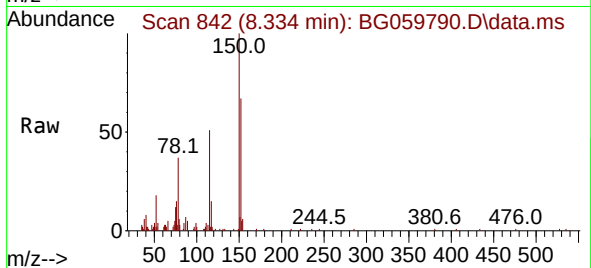




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

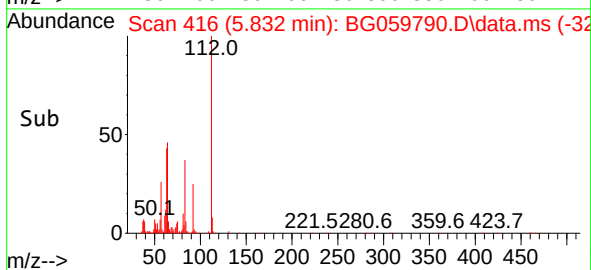
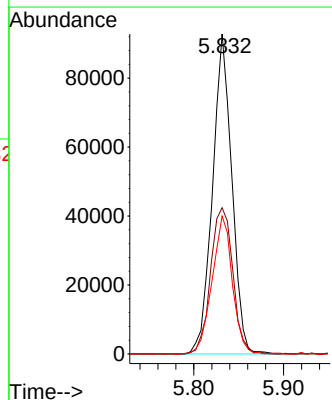
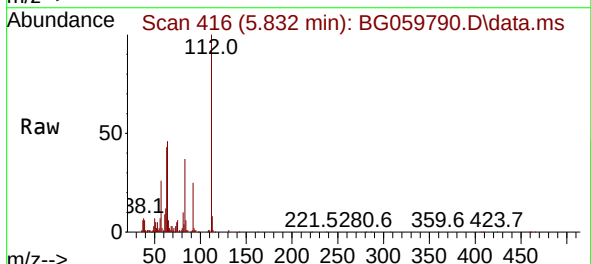
Instrument :
BNA_G
ClientSampleId :
WC-4

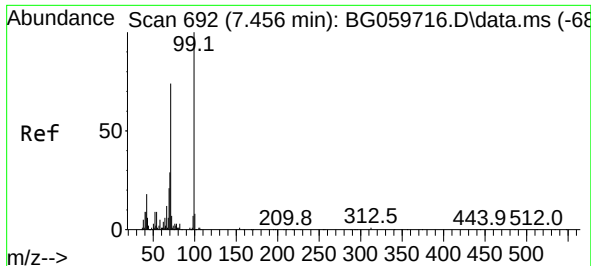
Tgt Ion:152 Resp: 25574
Ion Ratio Lower Upper
152 100
150 149.4 122.2 183.4
115 76.0 54.2 81.4



#5
2-Fluorophenol
Concen: 91.296 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion:112 Resp: 138717
Ion Ratio Lower Upper
112 100
64 45.7 49.5 74.3#
63 43.1 37.4 56.2

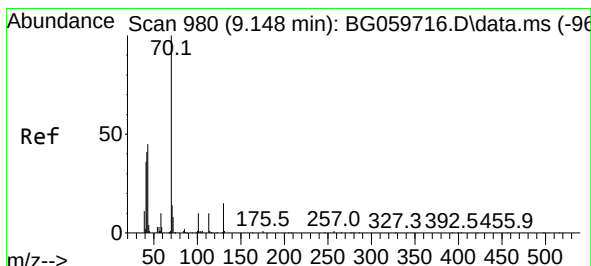
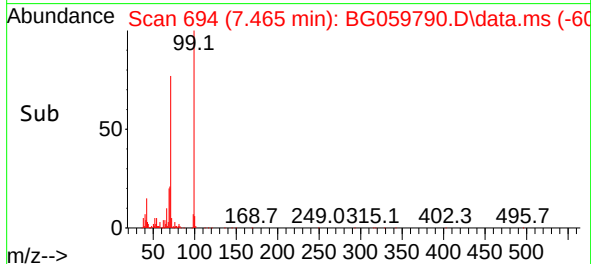
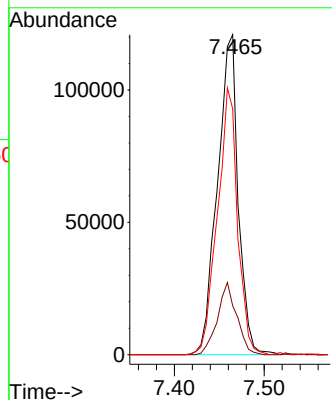
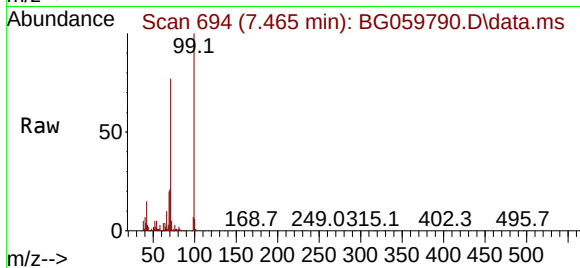




#7
Phenol-d6
Concen: 86.555 ng
RT: 7.465 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

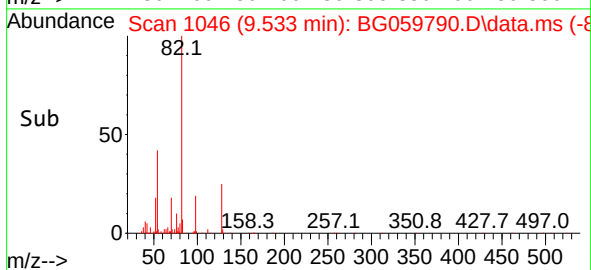
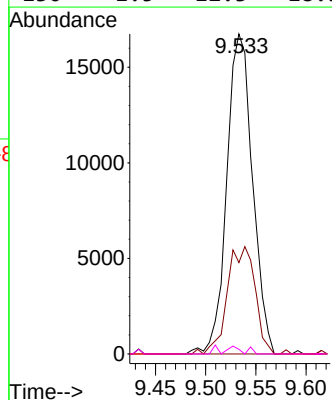
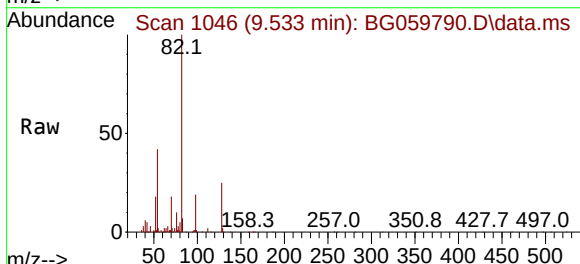
Instrument :
BNA_G
ClientSampleId :
WC-4

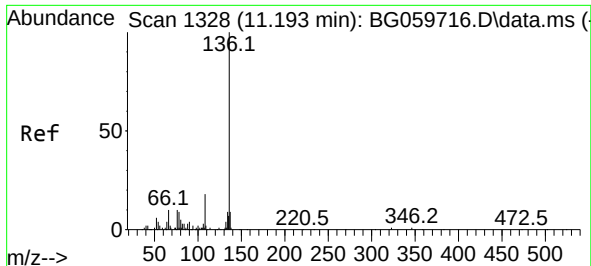
Tgt Ion: 99 Resp: 194890
Ion Ratio Lower Upper
99 100
42 15.3 14.3 21.5
71 76.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.861 ng
RT: 9.533 min Scan# 1046
Delta R.T. 0.385 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion: 70 Resp: 29897
Ion Ratio Lower Upper
70 100
42 28.6 32.8 49.2#
101 0.0 7.7 11.5#
130 1.5 12.3 18.5#

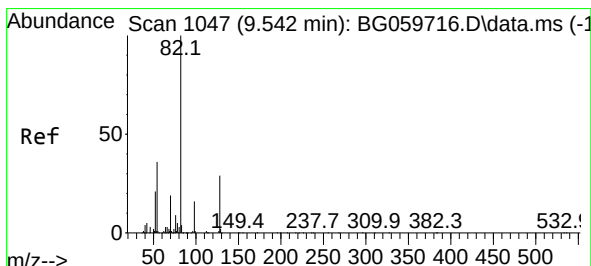
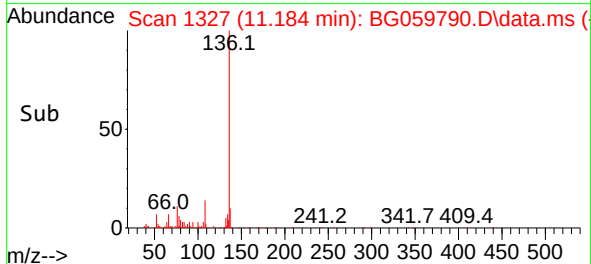
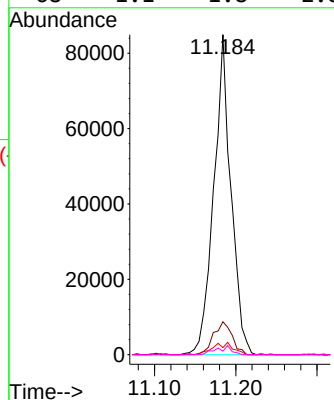
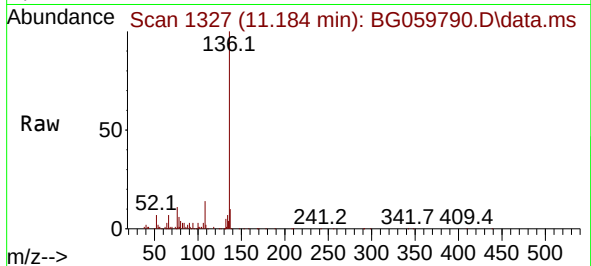




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

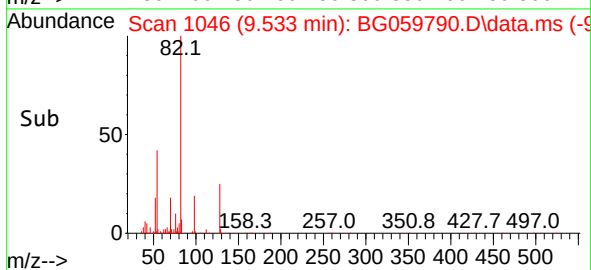
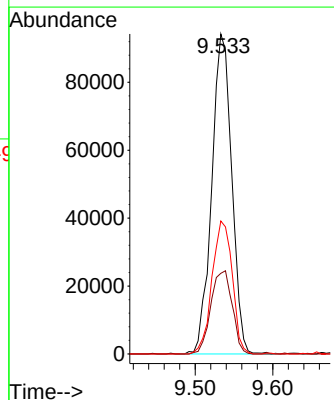
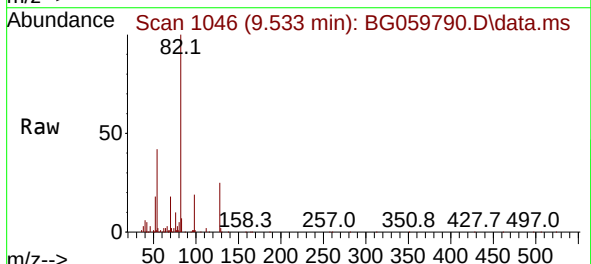
Instrument :
BNA_G
ClientSampleId :
WC-4

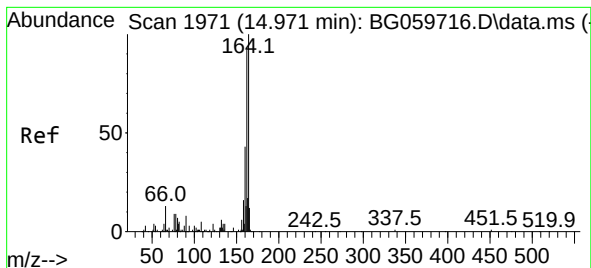
Tgt Ion:136 Resp: 124920
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.0
54 2.2 3.1 4.7#
68 1.1 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 51.768 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion: 82 Resp: 169325
Ion Ratio Lower Upper
82 100
128 25.2 23.0 34.6
54 41.5 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: BG059790.D

Acq: 21 Nov 2023 13:29

Instrument :

BNA_G

ClientSampleId :

WC-4

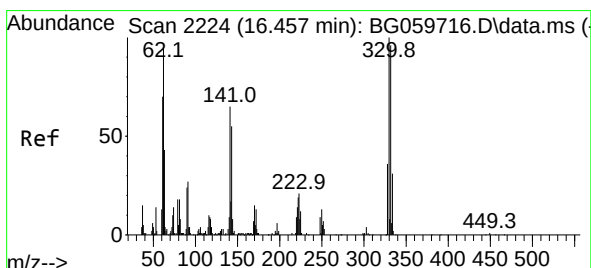
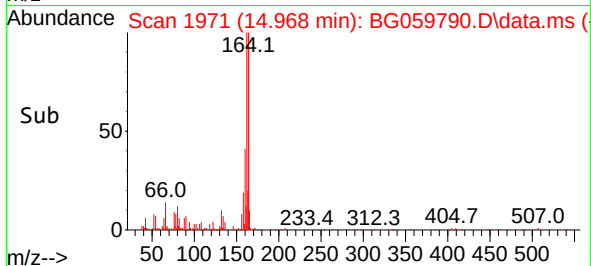
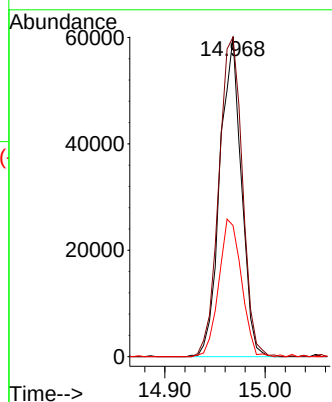
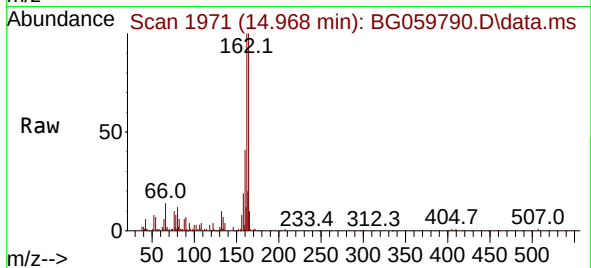
Tgt Ion:164 Resp: 88890

Ion Ratio Lower Upper

164 100

162 99.8 73.3 109.9

160 41.0 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 101.222 ng

RT: 16.448 min Scan# 2223

Delta R.T. -0.009 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

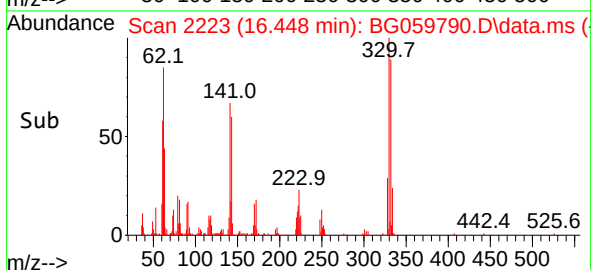
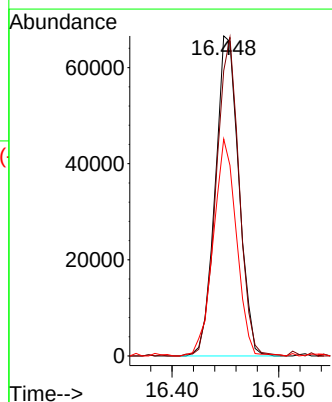
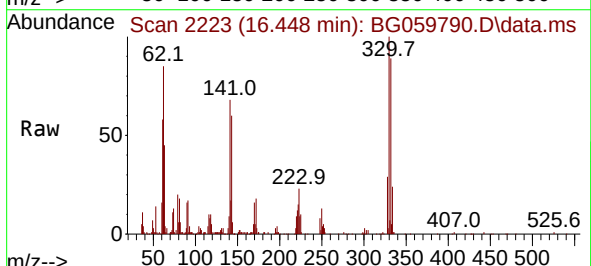
Tgt Ion:330 Resp: 102089

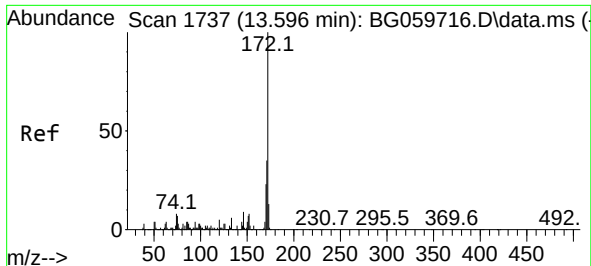
Ion Ratio Lower Upper

330 100

332 96.9 73.3 109.9

141 66.7 52.1 78.1

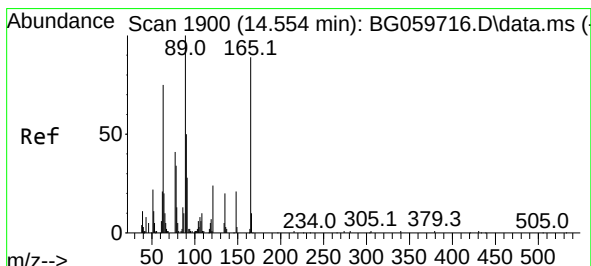
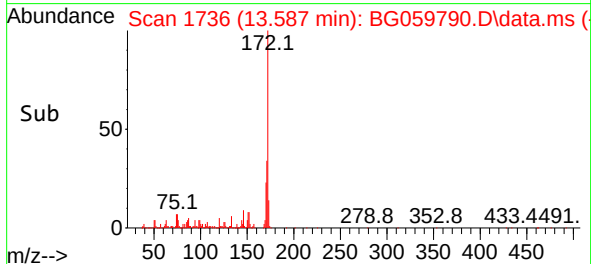
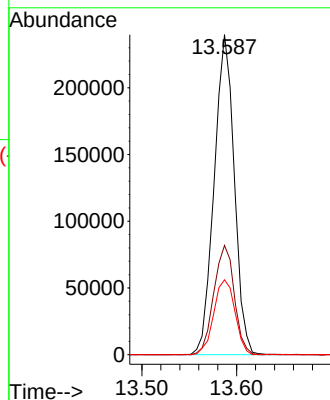
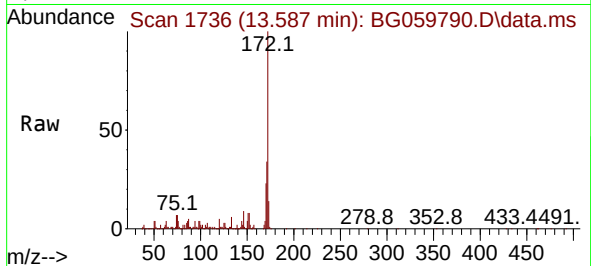




#45
2-Fluorobiphenyl
Concen: 53.370 ng
RT: 13.587 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

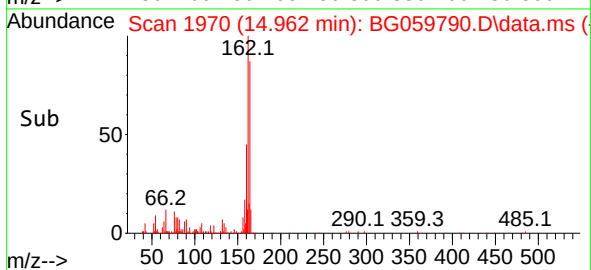
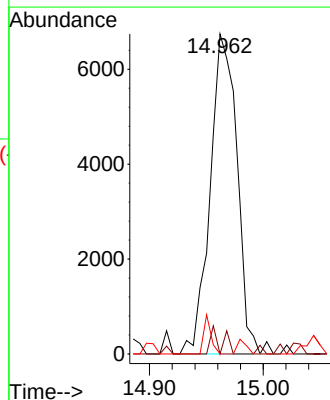
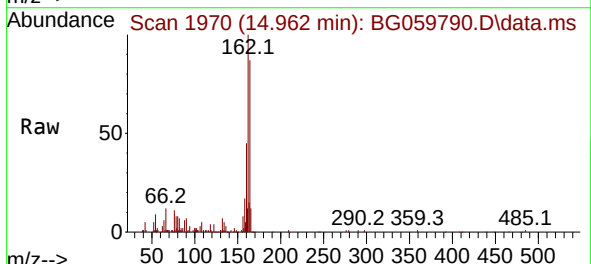
Instrument :
BNA_G
ClientSampleId :
WC-4

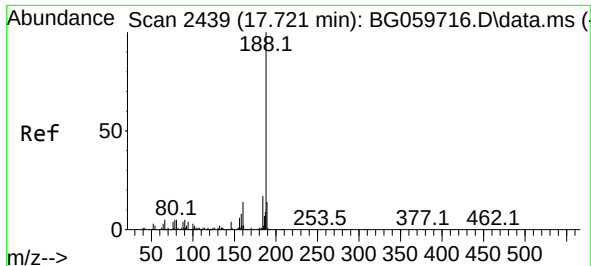
Tgt Ion:172 Resp: 352441
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.4 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.501 ng
RT: 14.962 min Scan# 1970
Delta R.T. 0.408 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion:165 Resp: 11109
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 0.0 90.9 136.3#

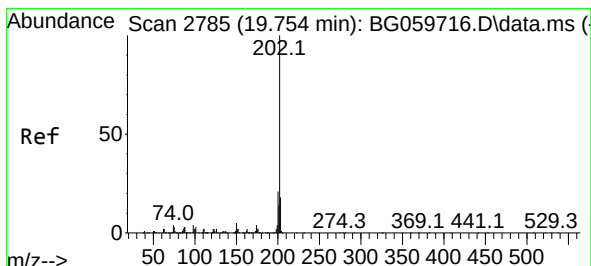
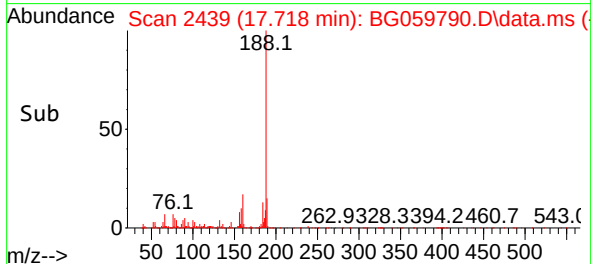
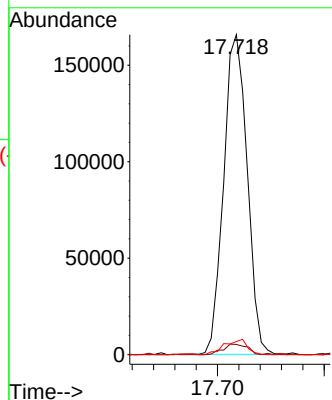
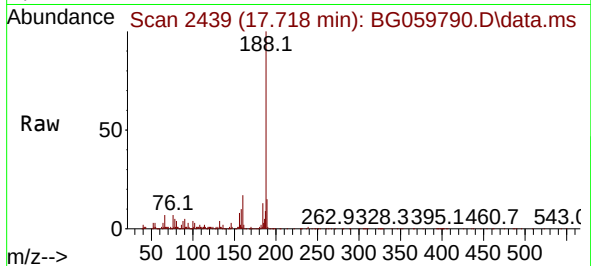




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

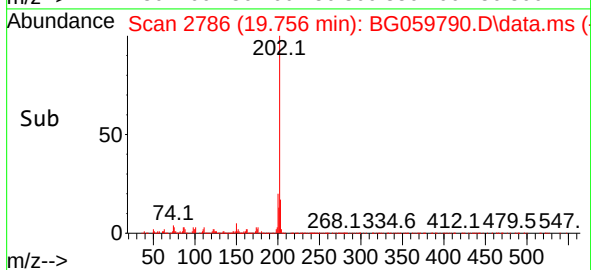
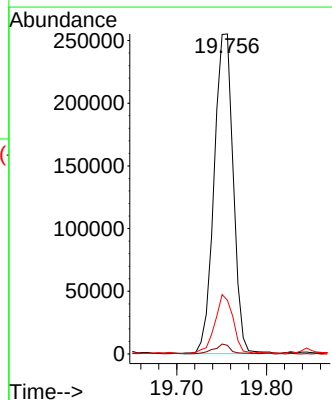
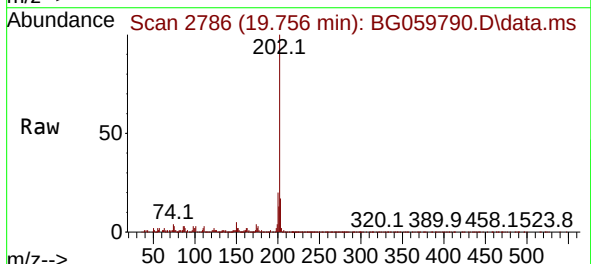
Instrument :
BNA_G
ClientSampleId :
WC-4

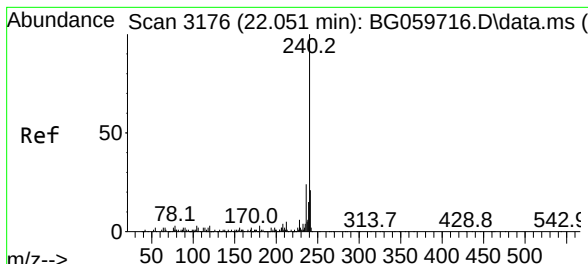
Tgt Ion:188 Resp: 253442
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.4
80 4.1 4.2 6.4#



#75
Fluoranthene
Concen: 24.441 ng
RT: 19.756 min Scan# 2786
Delta R.T. 0.003 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion:202 Resp: 377676
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.7
203 16.8 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.048 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

Instrument :

BNA_G

ClientSampleId :

WC-4

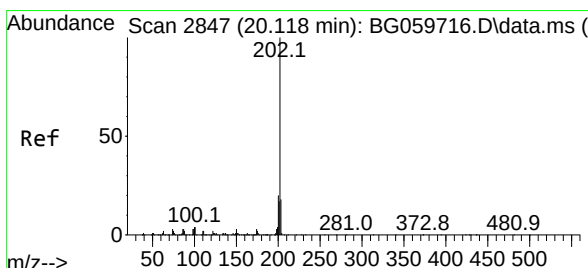
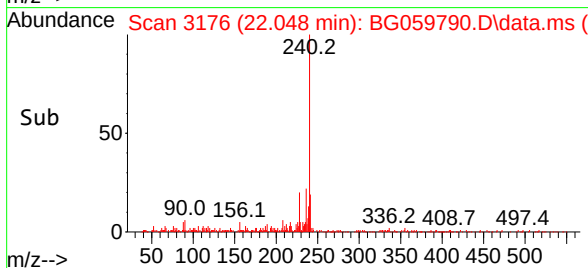
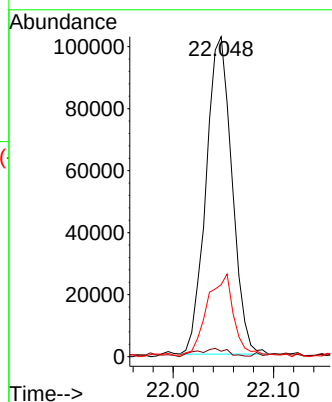
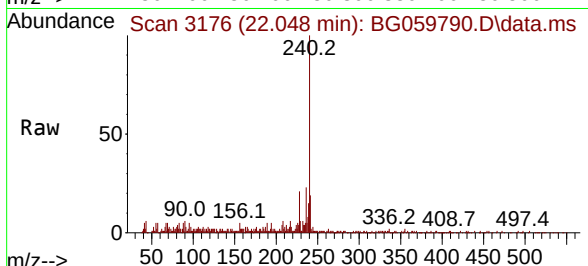
Tgt Ion:240 Resp: 184212

Ion Ratio Lower Upper

240 100

120 1.7 2.2 3.2#

236 22.5 19.4 29.2



#78

Pyrene

Concen: 25.867 ng

RT: 20.115 min Scan# 2847

Delta R.T. -0.003 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

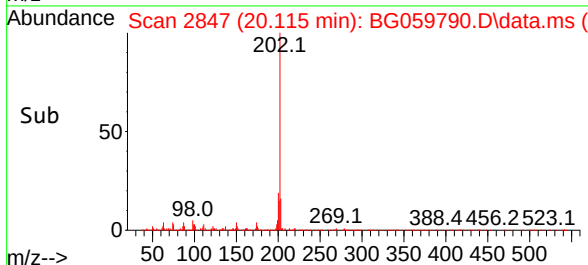
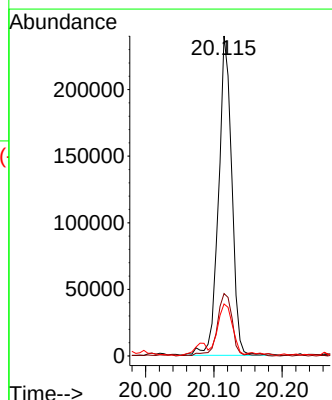
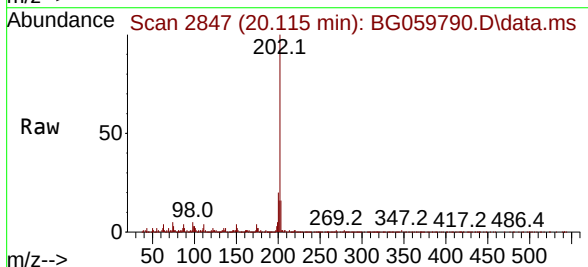
Tgt Ion:202 Resp: 324209

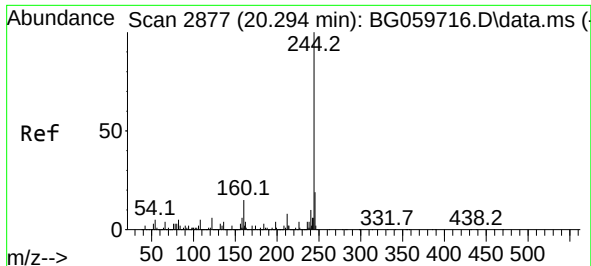
Ion Ratio Lower Upper

202 100

200 19.5 16.2 24.4

203 16.2 14.0 21.0

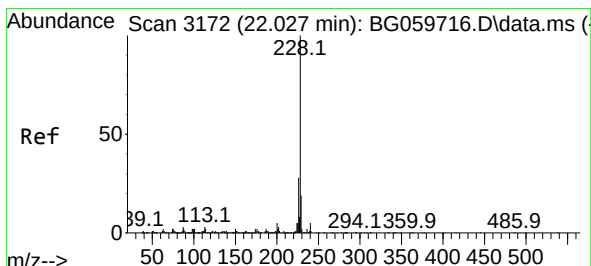
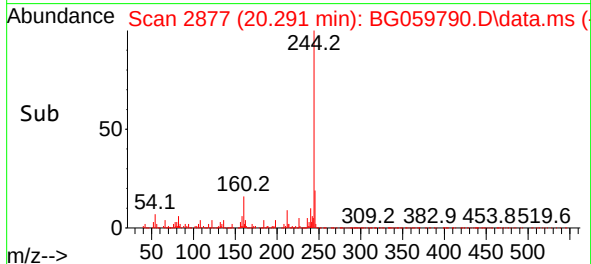
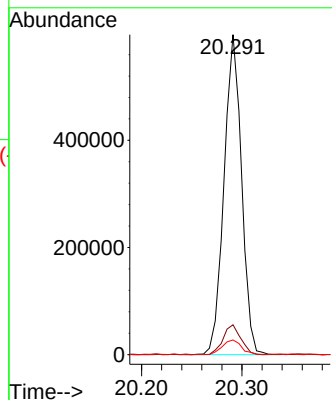
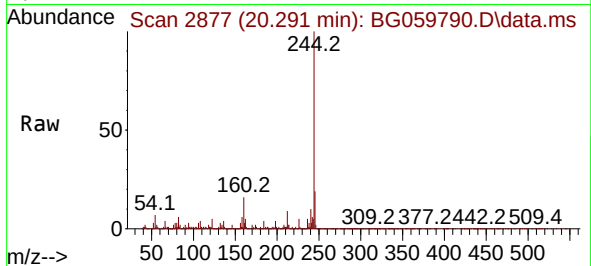




#79
 Terphenyl-d14
 Concen: 57.974 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059790.D
 Acq: 21 Nov 2023 13:29

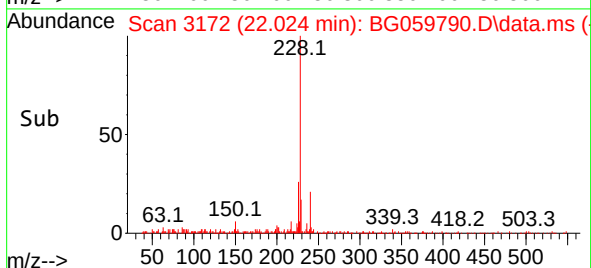
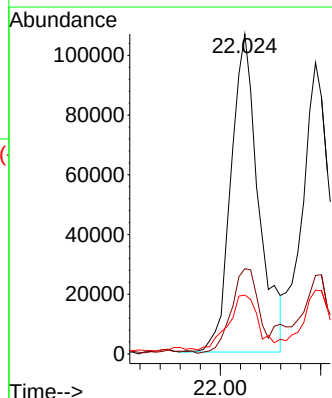
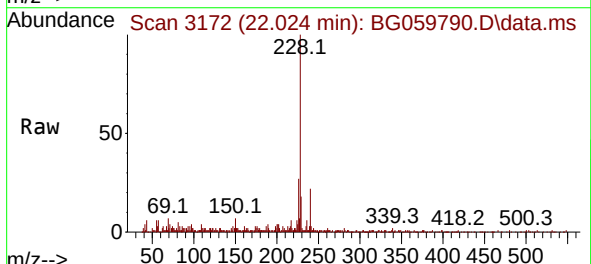
Instrument :
 BNA_G
 ClientSampleId :
 WC-4

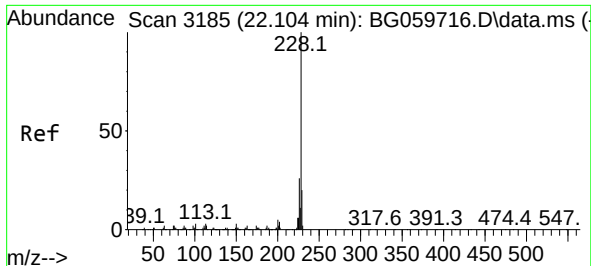
Tgt Ion:244 Resp: 723427
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.6 10.0
 122 4.6 4.4 6.6



#81
 Benzo(a)anthracene
 Concen: 16.166 ng
 RT: 22.024 min Scan# 3172
 Delta R.T. -0.003 min
 Lab File: BG059790.D
 Acq: 21 Nov 2023 13:29

Tgt Ion:228 Resp: 203763
 Ion Ratio Lower Upper
 228 100
 226 26.6 22.1 33.1
 229 18.4 14.9 22.3





#83

Chrysene

Concen: 15.853 ng

RT: 22.095 min Scan# 3184

Delta R.T. -0.009 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

Instrument :

BNA_G

ClientSampleId :

WC-4

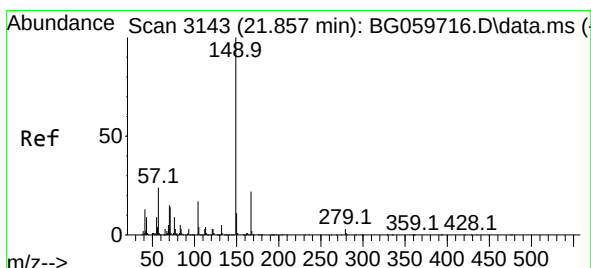
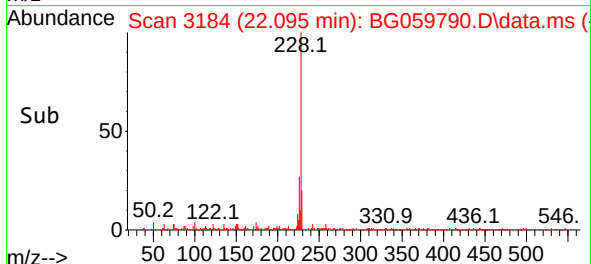
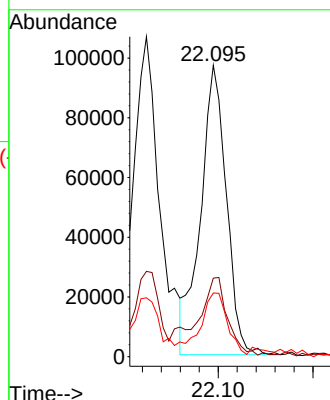
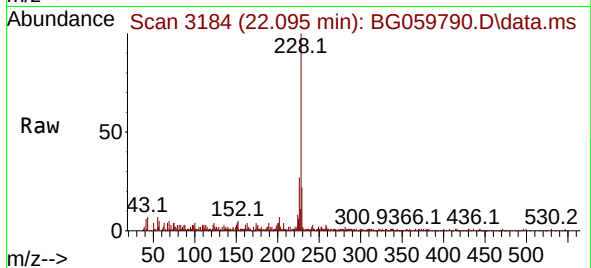
Tgt Ion:228 Resp: 183170

Ion Ratio Lower Upper

228 100

226 27.0 21.1 31.7

229 21.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.831 ng

RT: 21.848 min Scan# 3142

Delta R.T. -0.009 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

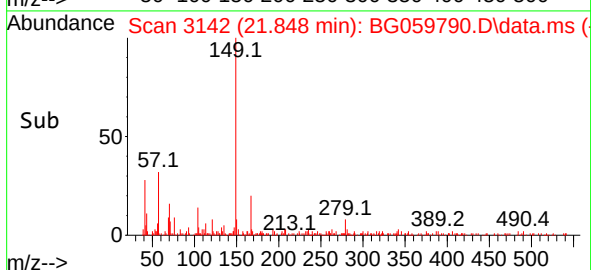
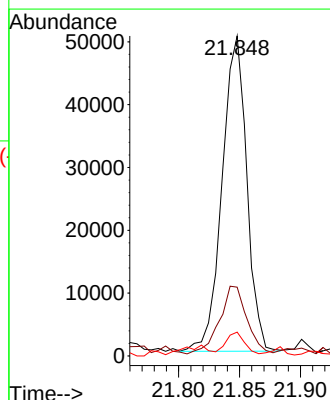
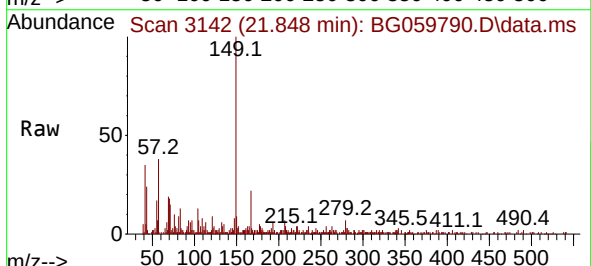
Tgt Ion:149 Resp: 70628

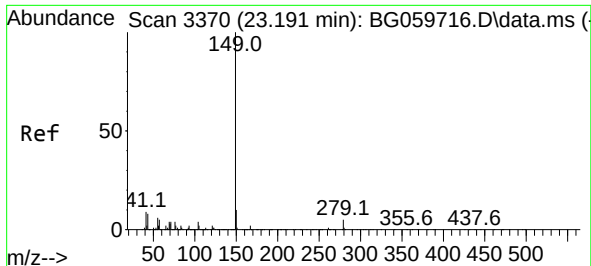
Ion Ratio Lower Upper

149 100

167 21.5 17.6 26.4

279 7.4 2.7 4.1#

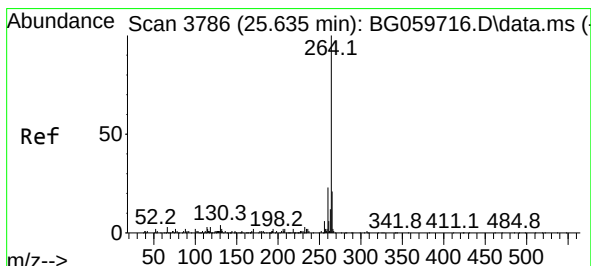
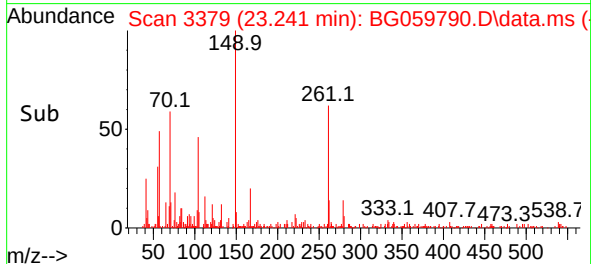
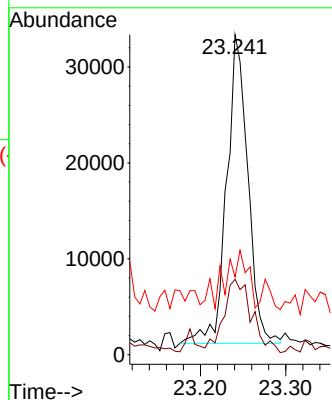
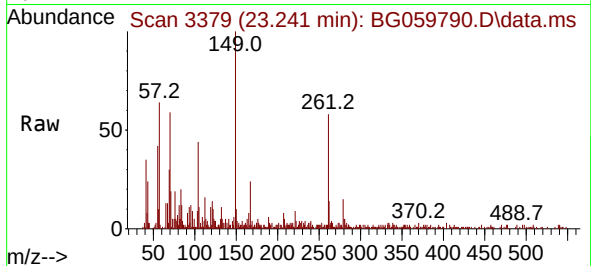




#85
Di-n-octyl phthalate
Concen: 4.032 ng
RT: 23.241 min Scan# 31
Delta R.T. 0.050 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

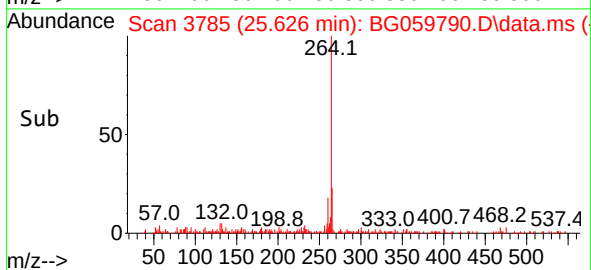
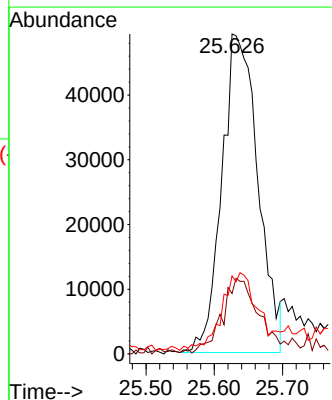
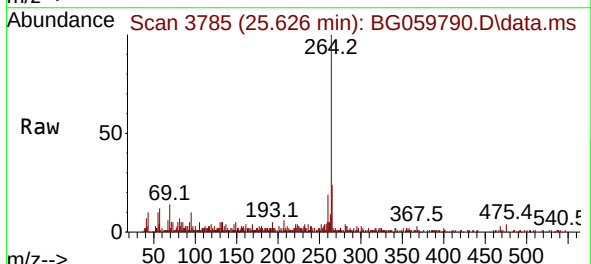
Instrument :
BNA_G
ClientSampleId :
WC-4

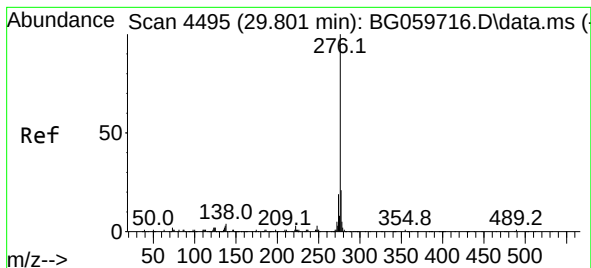
Tgt Ion:149 Resp: 55771
Ion Ratio Lower Upper
149 100
167 31.3 1.2 1.8#
43 23.0 6.3 9.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.626 min Scan# 3785
Delta R.T. -0.009 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion:264 Resp: 181214
Ion Ratio Lower Upper
264 100
260 18.9 18.5 27.7
265 24.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.235 ng

RT: 29.798 min Scan# 4495

Delta R.T. -0.003 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

Instrument :

BNA_G

ClientSampleId :

WC-4

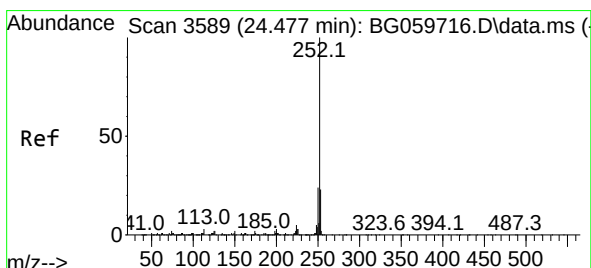
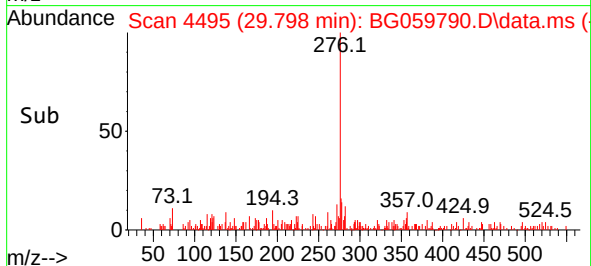
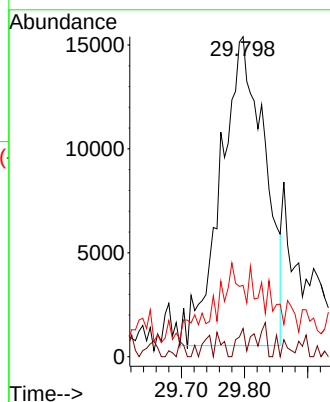
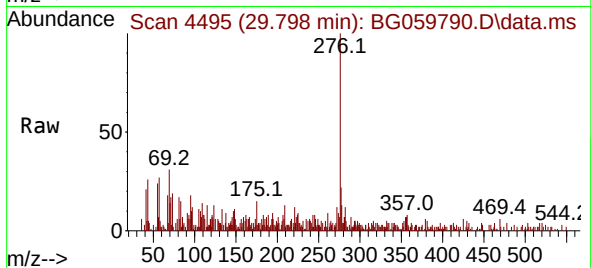
Tgt Ion:276 Resp: 71785

Ion Ratio Lower Upper

276 100

138 1.7 1.8 2.6#

277 7.8 9.8 14.6#



#88

Benzo(b)fluoranthene

Concen: 36.728 ng

RT: 24.480 min Scan# 3590

Delta R.T. 0.003 min

Lab File: BG059790.D

Acq: 21 Nov 2023 13:29

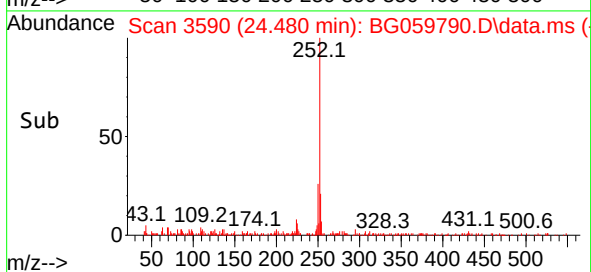
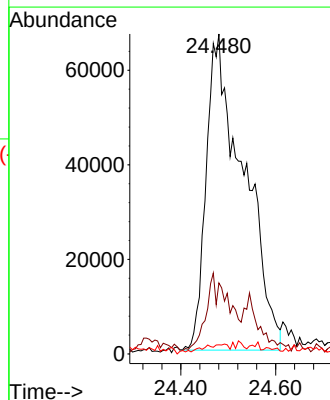
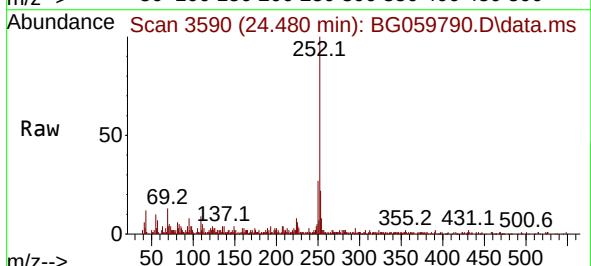
Tgt Ion:252 Resp: 364791

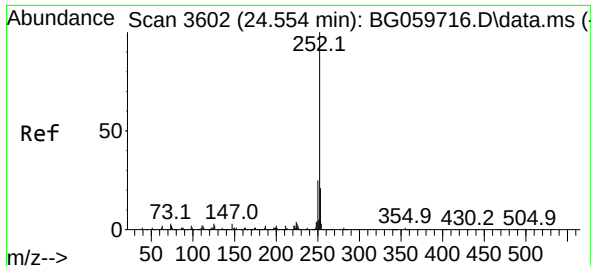
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 2.9 1.4 2.0#

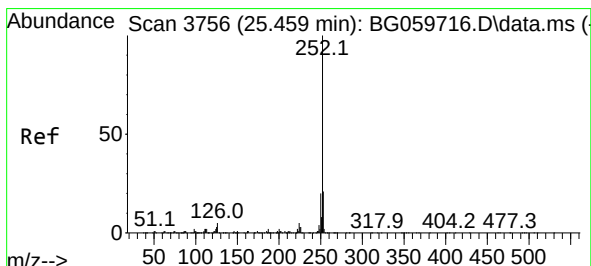
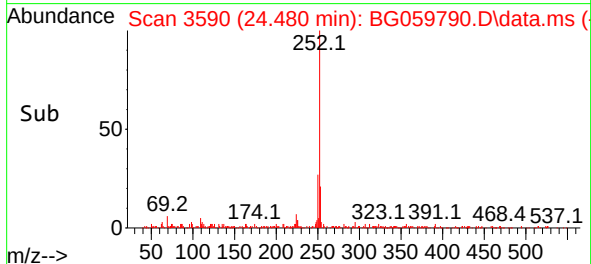
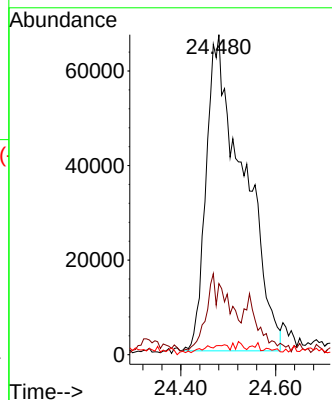
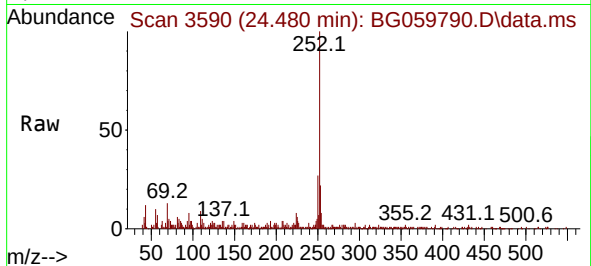




#89
Benzo(k)fluoranthene
Concen: 37.151 ng
RT: 24.480 min Scan# 31
Delta R.T. -0.074 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:252 Resp: 364791
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 2.9 2.2 3.2



#90
Benzo(a)pyrene
Concen: 14.786 ng
RT: 25.461 min Scan# 3757
Delta R.T. 0.003 min
Lab File: BG059790.D
Acq: 21 Nov 2023 13:29

Tgt Ion:252 Resp: 156729
Ion Ratio Lower Upper
252 100
253 17.8 16.8 25.2
125 2.5 2.0 3.0

