

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059874.D
 Acq On : 25 Nov 2023 1:47
 Operator : MA/JU
 Sample : 05408-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 712-PLAINFIELD-AVE

Quant Time: Nov 25 03:47:56 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 24 15:11:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

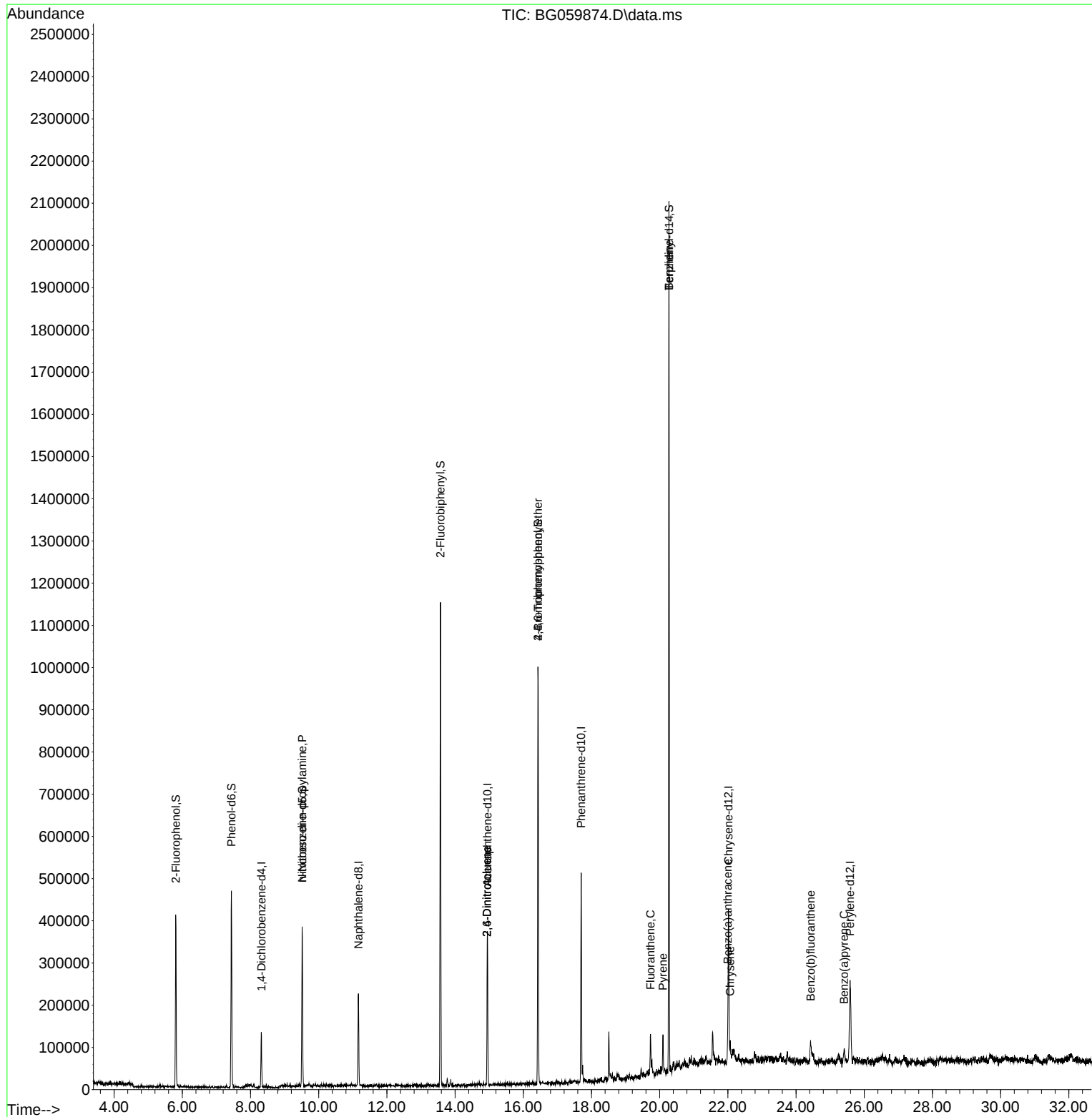
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	26117	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	154822	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	118356	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	269250	20.000	ng	# 0.00
76) Chrysene-d12	22.018	240	208201	20.000	ng	#-0.02
86) Perylene-d12	25.585	264	230557	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	133271	85.888	ng	0.00
7) Phenol-d6	7.441	99	211207	91.851	ng	0.00
23) Nitrobenzene-d5	9.515	82	232225	57.286	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	140684	104.762	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	495244	56.323	ng	0.00
79) Terphenyl-d14	20.273	244	812347	57.599	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.515	70	38271	21.135	ng	# 75
51) 2,6-Dinitrotoluene	14.938	165	15162	8.714	ng	# 1
57) 2,4-Dinitrotoluene	14.938	165	15162	5.666	ng	# 3
67) 4-Bromophenyl-phenylether	16.437	248	8784	3.037	ng	# 1
75) Fluoranthene	19.733	202	61231	3.730	ng	99
77) Benzidine	20.273	184	25419	5.384	ng	96
78) Pyrene	20.097	202	53037	3.744	ng	98
81) Benzo(a)anthracene	22.001	228	30416	2.135	ng	# 87
83) Chrysene	22.071	228	31691	2.427	ng	# 85
88) Benzo(b)fluoranthene	24.433	252	40547	3.209	ng	# 98
90) Benzo(a)pyrene	25.409	252	33183	2.460	ng	# 87

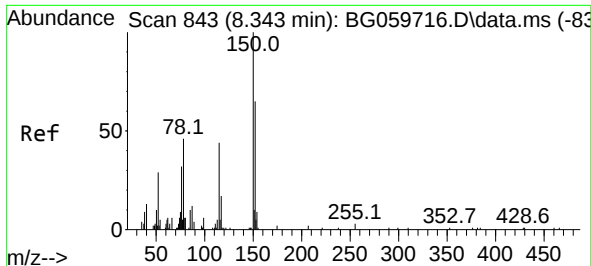
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
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Quant Time: Nov 25 03:47:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

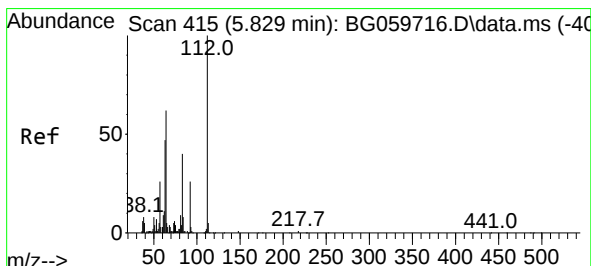
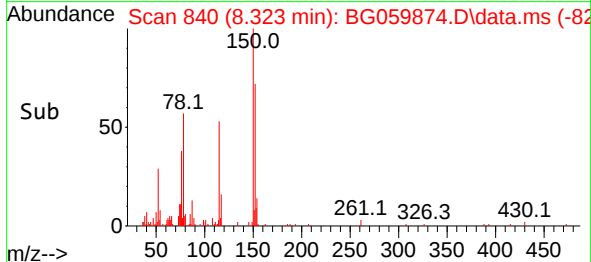
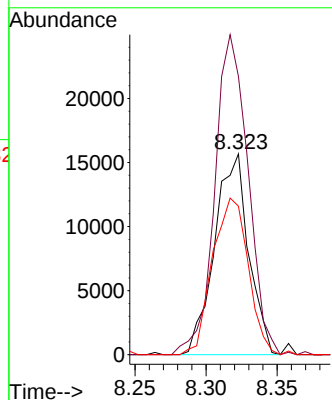
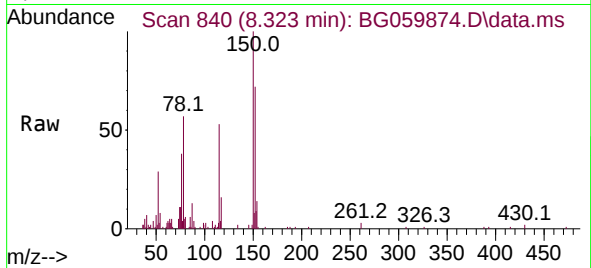




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 843
Delta R.T. 0.008 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

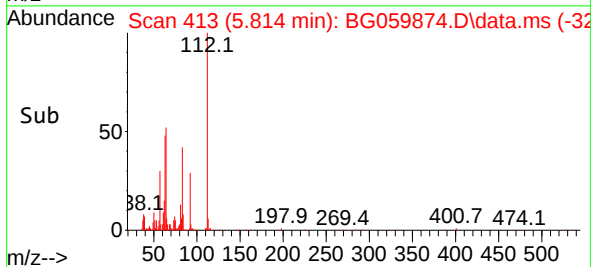
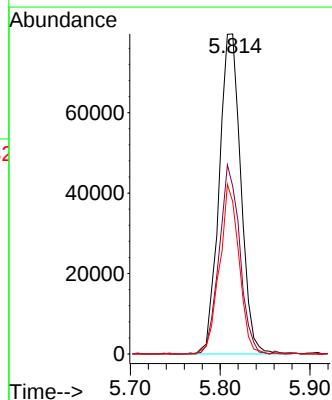
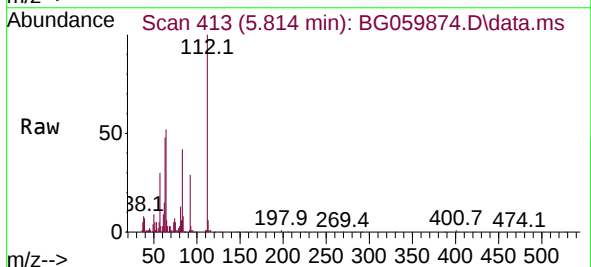
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

Tgt Ion:152 Resp: 26117
Ion Ratio Lower Upper
152 100
150 138.5 122.2 183.4
115 74.0 54.2 81.4



#5
2-Fluorophenol
Concen: 85.888 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:112 Resp: 133271
Ion Ratio Lower Upper
112 100
64 52.4 49.5 74.3
63 47.6 37.4 56.2

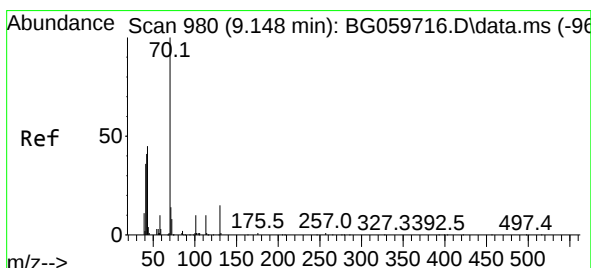
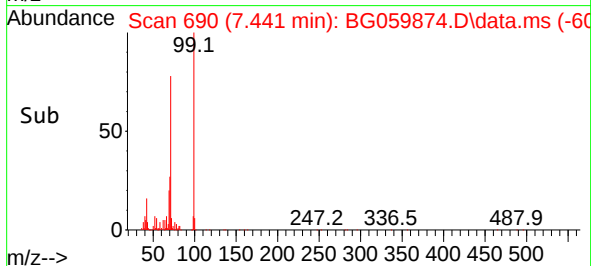
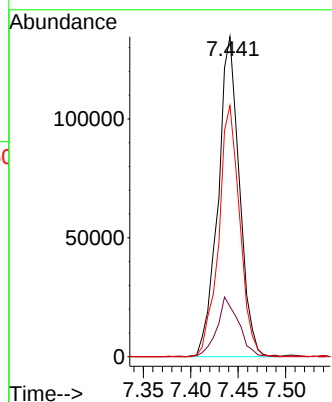
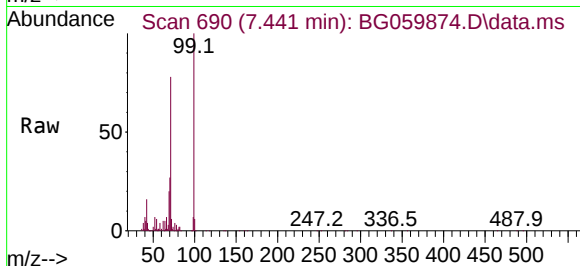




#7
Phenol-d6
Concen: 91.851 ng
RT: 7.441 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

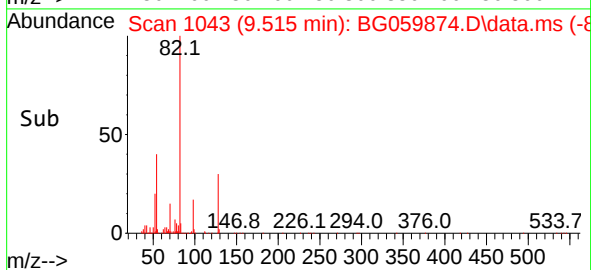
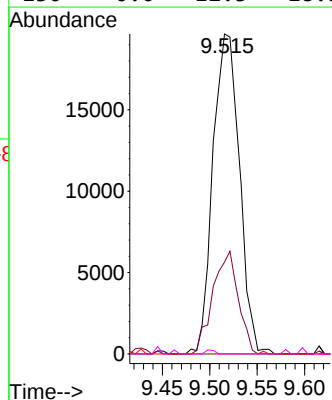
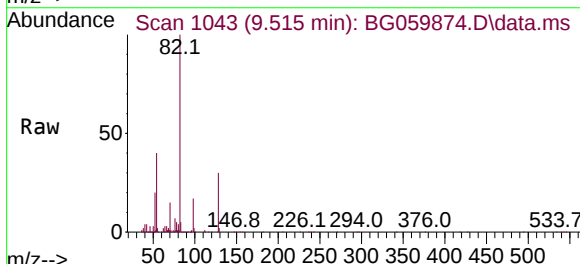
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

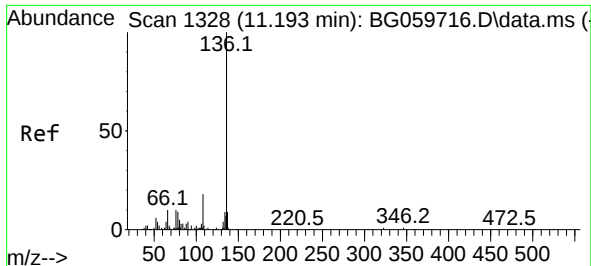
Tgt Ion: 99 Resp: 211207
Ion Ratio Lower Upper
99 100
42 15.6 14.3 21.5
71 78.5 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.135 ng
RT: 9.515 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion: 70 Resp: 38271
Ion Ratio Lower Upper
70 100
42 28.7 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

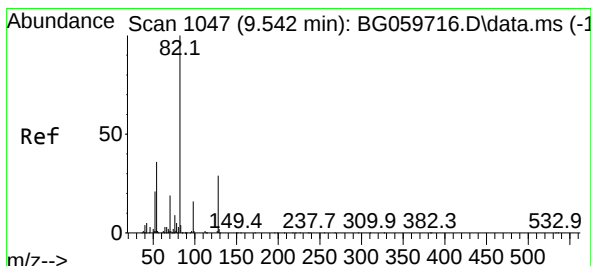
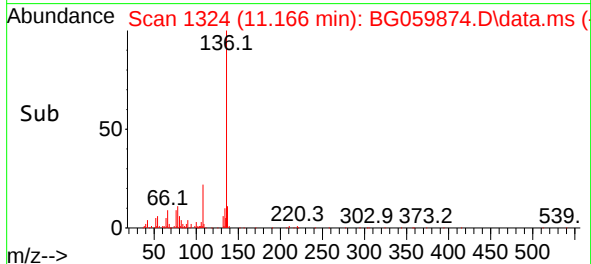
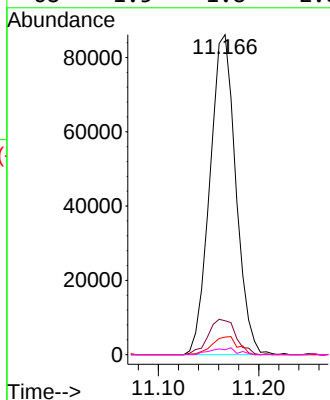
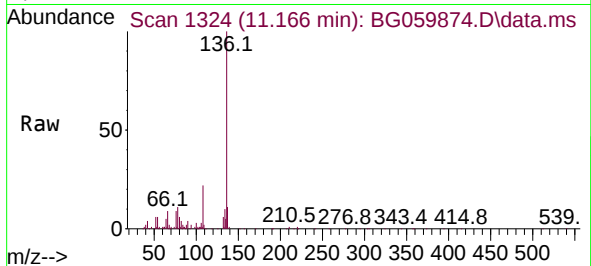




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

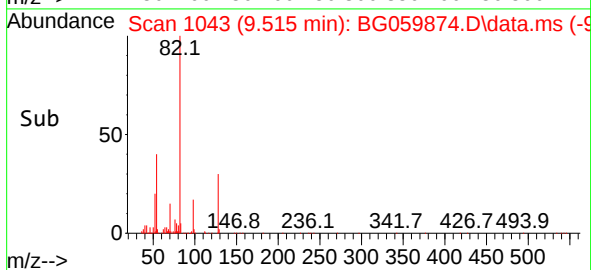
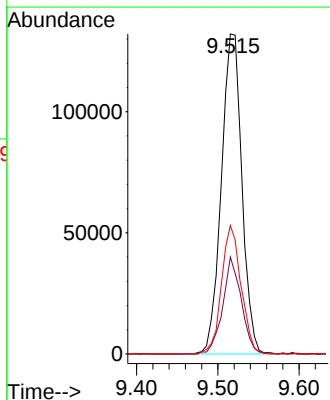
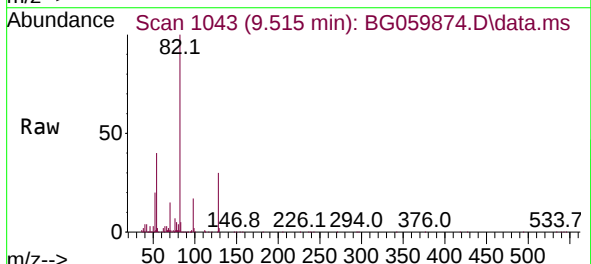
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

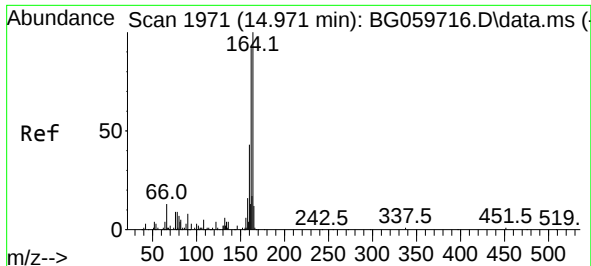
Tgt Ion:136 Resp: 154822
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.0
54 5.5 3.1 4.7#
68 1.5 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 57.286 ng
RT: 9.515 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion: 82 Resp: 232225
Ion Ratio Lower Upper
82 100
128 30.3 23.0 34.6
54 40.1 28.7 43.1

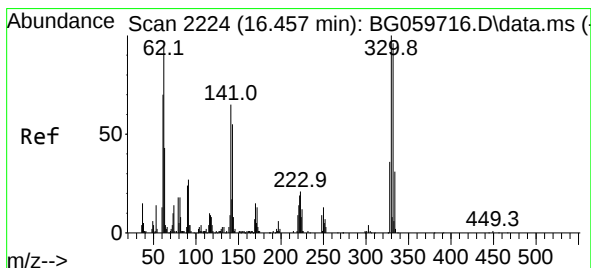
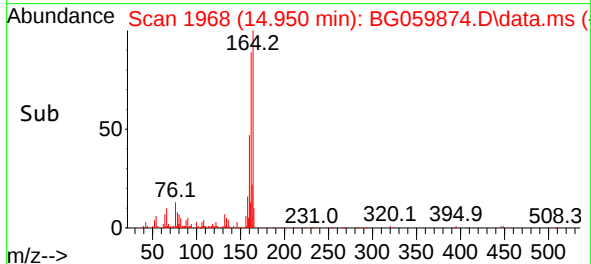
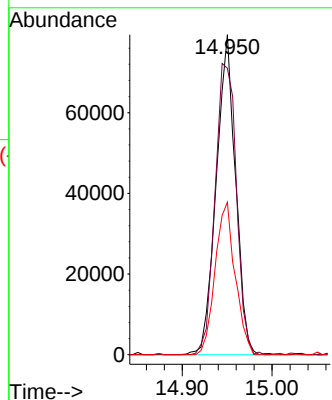
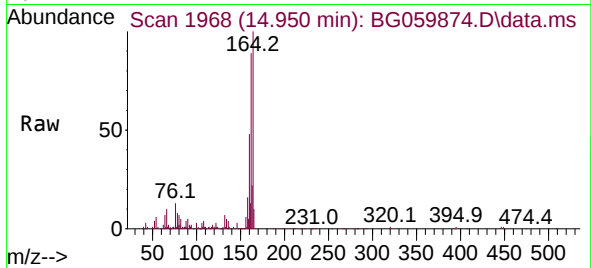




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

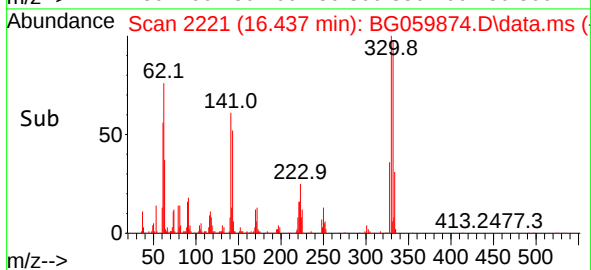
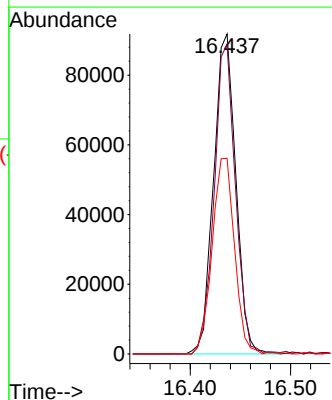
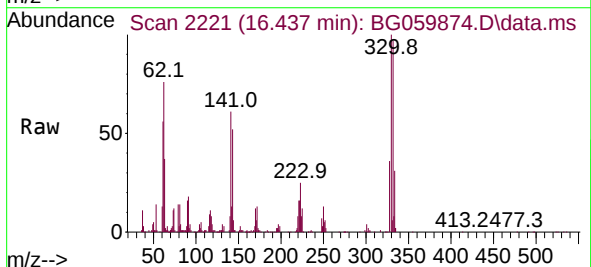
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

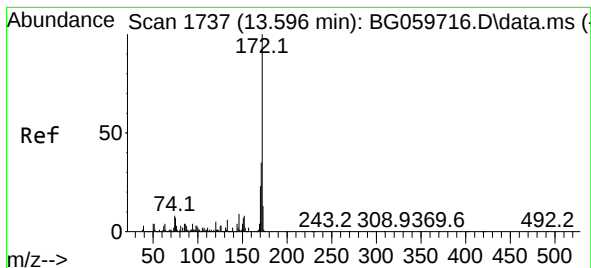
Tgt Ion:164 Resp: 118356
Ion Ratio Lower Upper
164 100
162 89.5 73.3 109.9
160 47.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 104.762 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.004 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:330 Resp: 140684
Ion Ratio Lower Upper
330 100
332 93.3 73.3 109.9
141 61.8 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 56.323 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

Instrument :

BNA_G

ClientSampleId :

712-PLAINFIELD-AVE

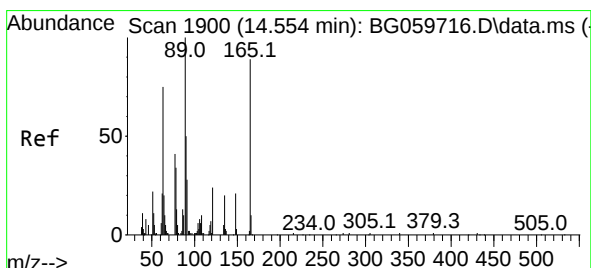
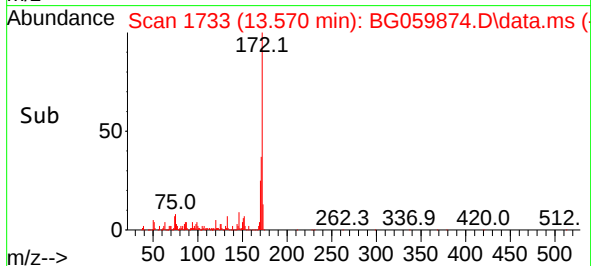
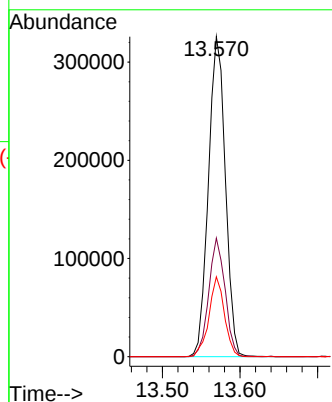
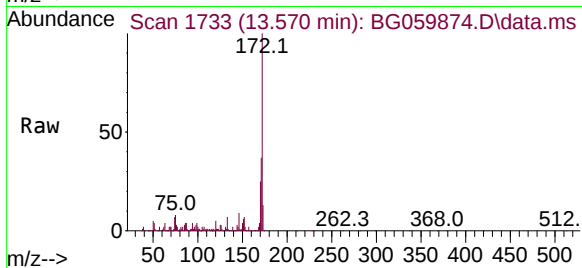
Tgt Ion:172 Resp: 495244

Ion Ratio Lower Upper

172 100

171 37.1 27.7 41.5

170 25.0 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 8.714 ng

RT: 14.938 min Scan# 1966

Delta R.T. 0.396 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

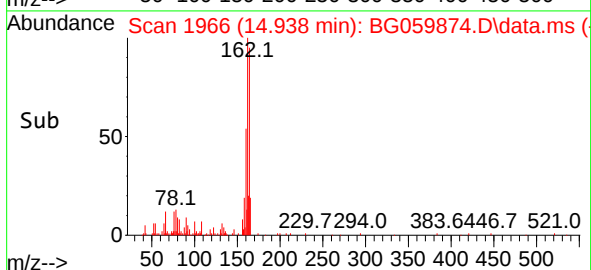
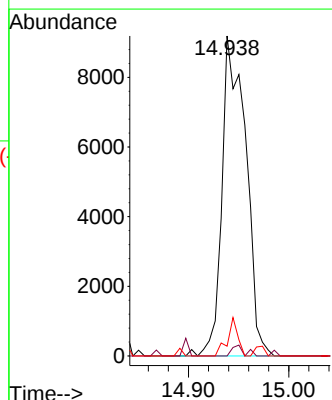
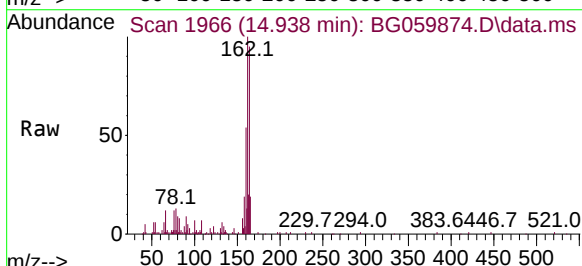
Tgt Ion:165 Resp: 15162

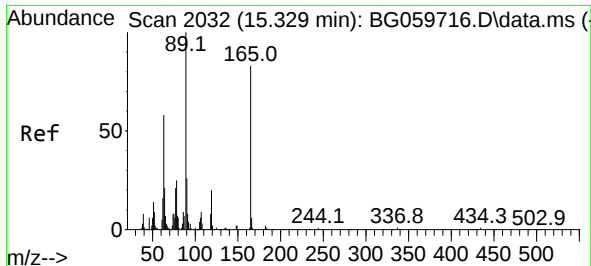
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 3.1 90.9 136.3#

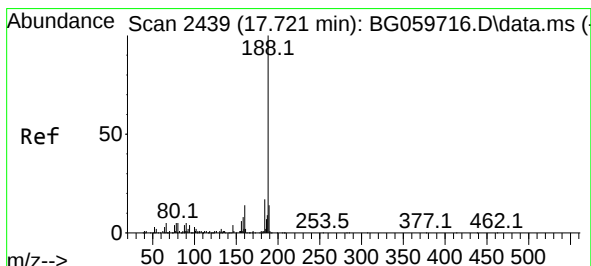
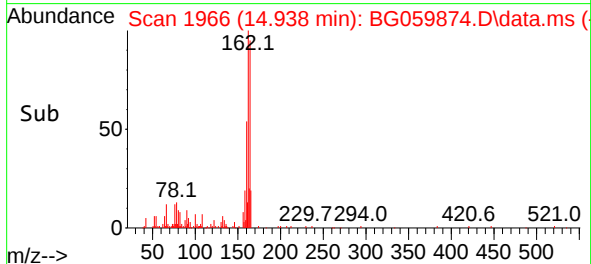
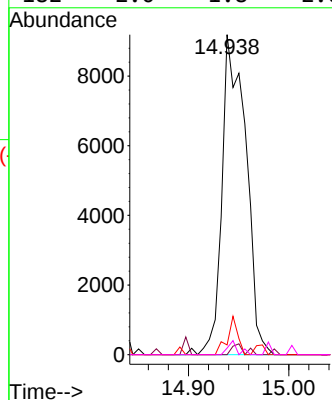
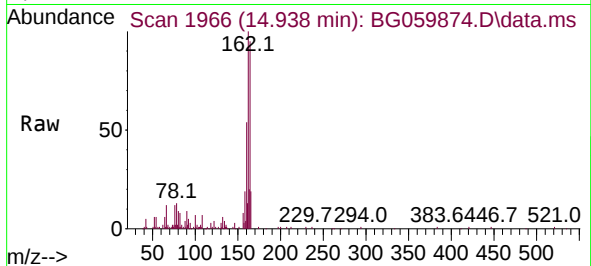




#57
2,4-Dinitrotoluene
Concen: 5.666 ng
RT: 14.938 min Scan# 1966
Delta R.T. -0.386 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

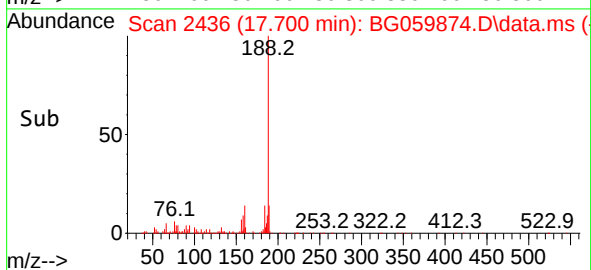
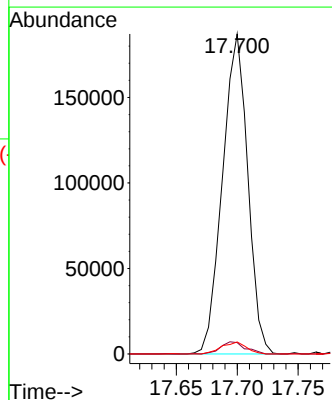
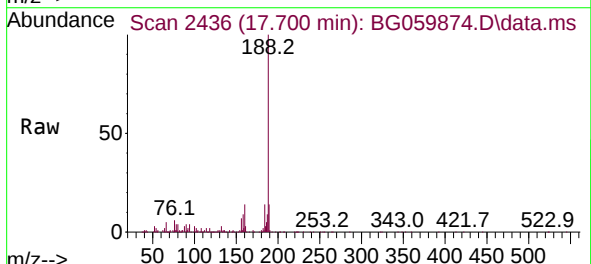
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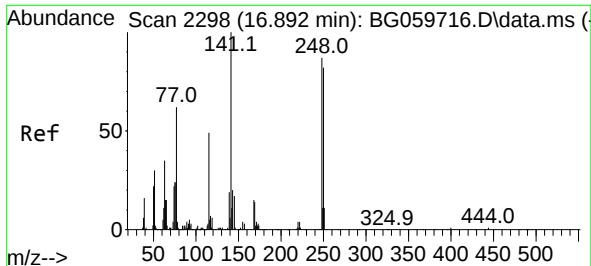
Tgt Ion:165 Resp: 15162
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 3.1 96.9 145.3#
182 2.0 1.8 2.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.700 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:188 Resp: 269250
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.4
80 3.8 4.2 6.4#

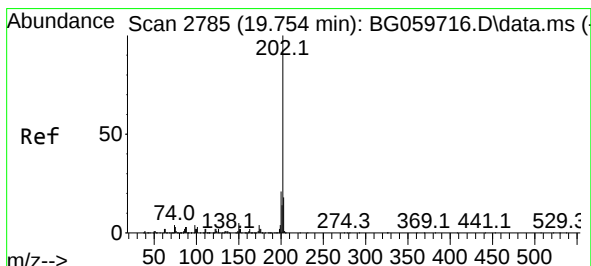
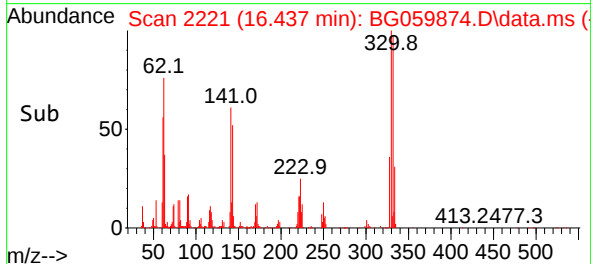
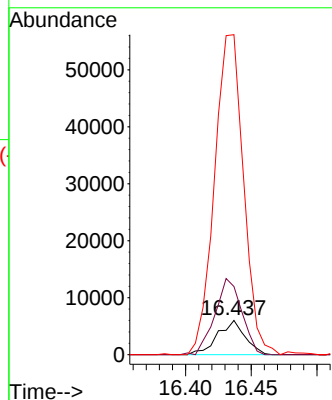
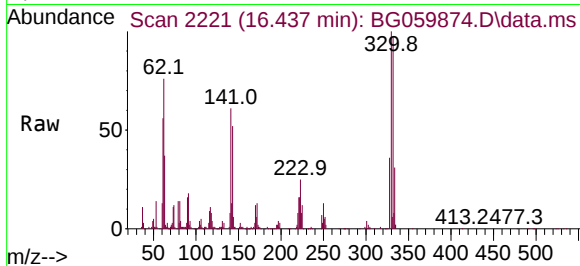




#67
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 16.437 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

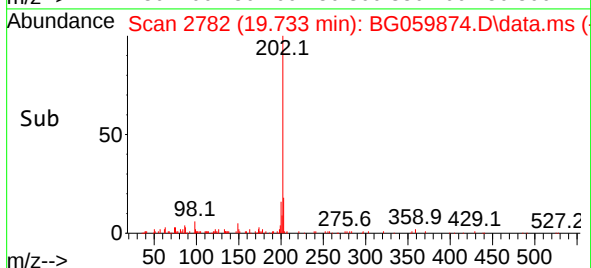
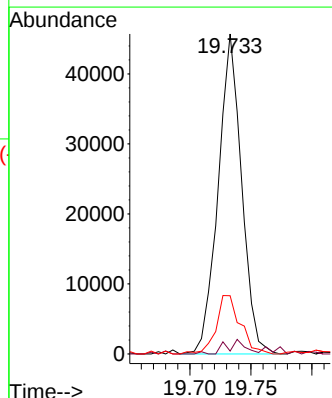
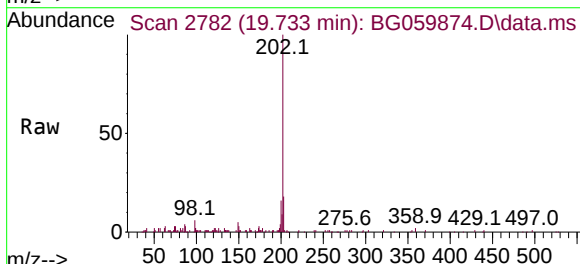
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

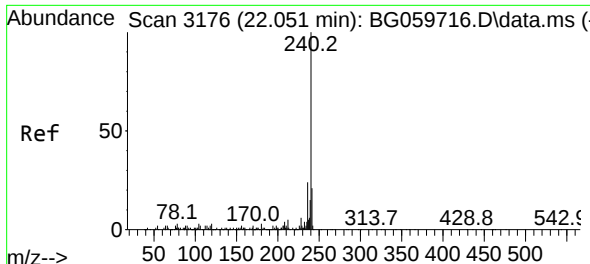
Tgt Ion:248 Resp: 8784
Ion Ratio Lower Upper
248 100
250 198.7 75.2 112.8#
141 933.3 91.5 137.3#



#75
Fluoranthene
Concen: 3.730 ng
RT: 19.733 min Scan# 2782
Delta R.T. -0.010 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:202 Resp: 61231
Ion Ratio Lower Upper
202 100
101 0.9 0.0 22.7
203 18.2 0.0 38.2

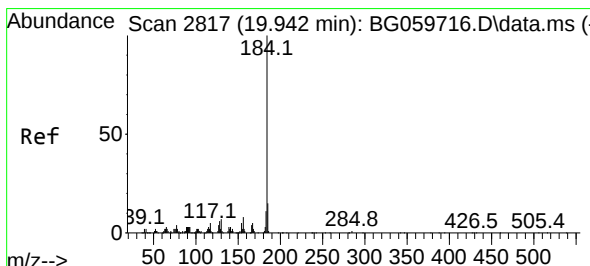
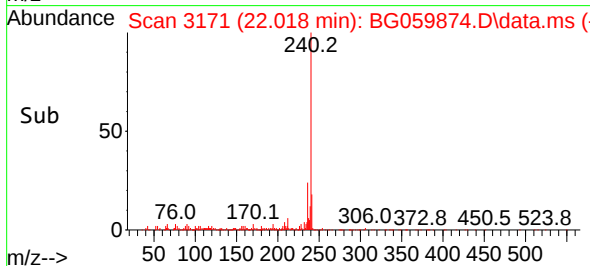
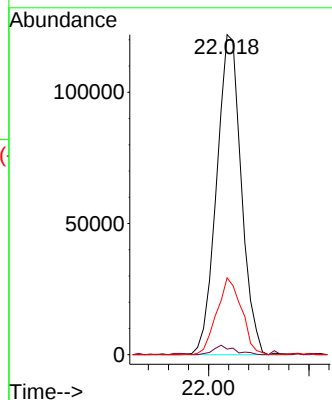
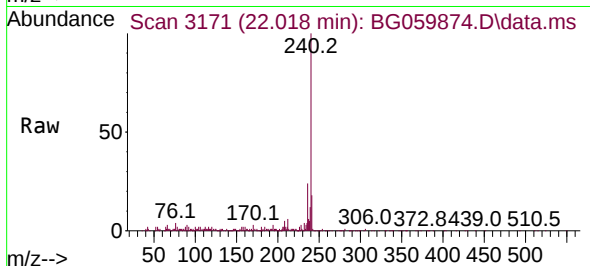




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3176
Delta R.T. -0.015 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

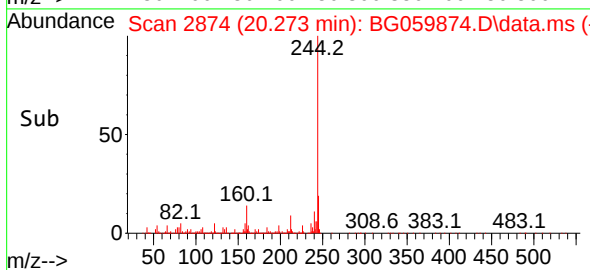
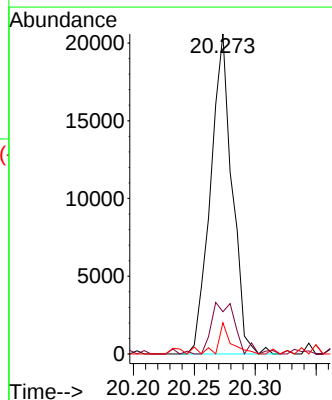
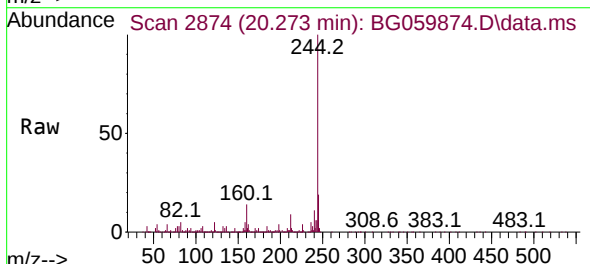
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

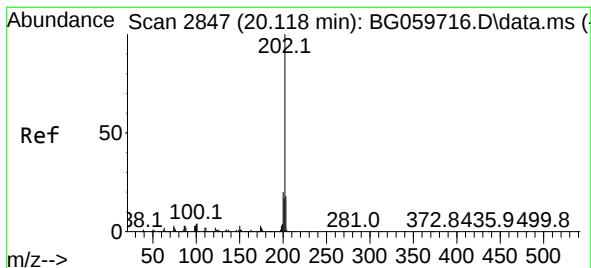
Tgt Ion:240 Resp: 208201
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 24.0 19.4 29.2



#77
Benzidine
Concen: 5.384 ng
RT: 20.273 min Scan# 2874
Delta R.T. 0.343 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:184 Resp: 25419
Ion Ratio Lower Upper
184 100
185 13.2 12.2 18.2
183 9.7 8.8 13.2





#78

Pyrene

Concen: 3.744 ng

RT: 20.097 min Scan# 2

Delta R.T. -0.010 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

Instrument :

BNA_G

ClientSampleId :

712-PLAINFIELD-AVE

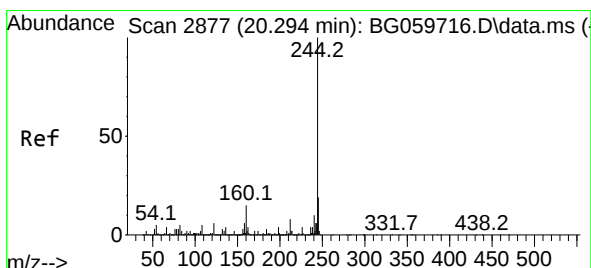
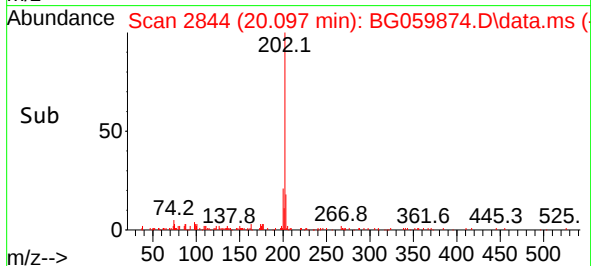
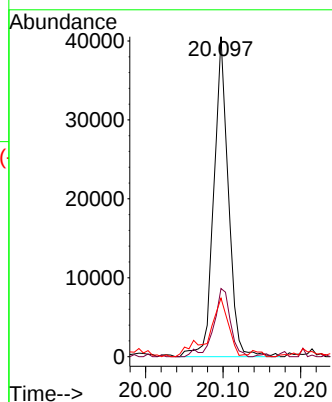
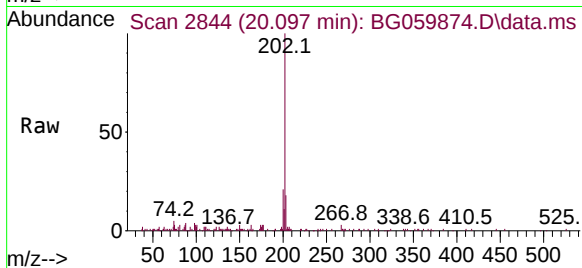
Tgt Ion:202 Resp: 53037

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.4

203 18.3 14.0 21.0



#79

Terphenyl-d14

Concen: 57.599 ng

RT: 20.273 min Scan# 2874

Delta R.T. -0.010 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

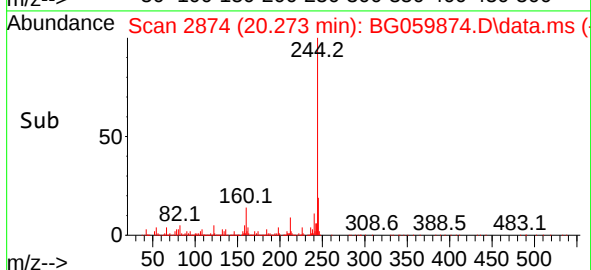
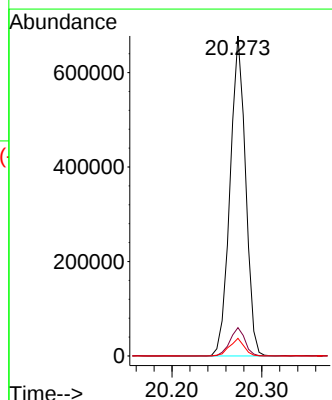
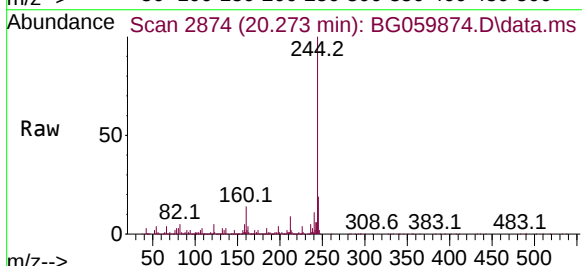
Tgt Ion:244 Resp: 812347

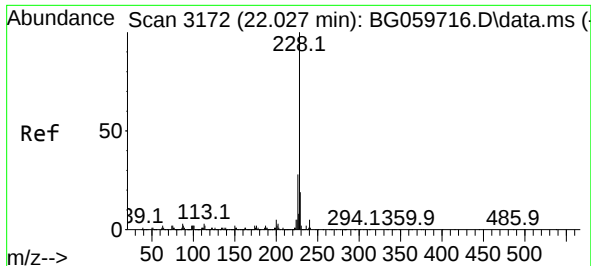
Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 5.5 4.4 6.6

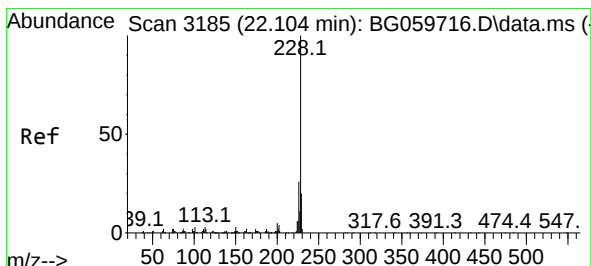
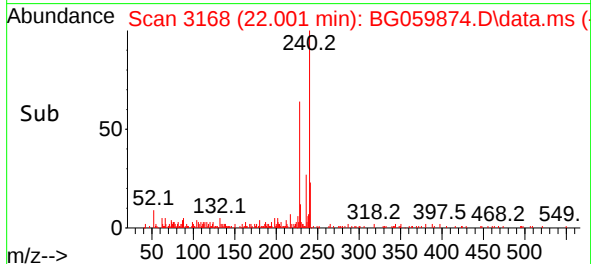
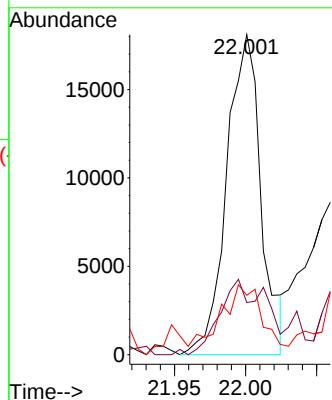
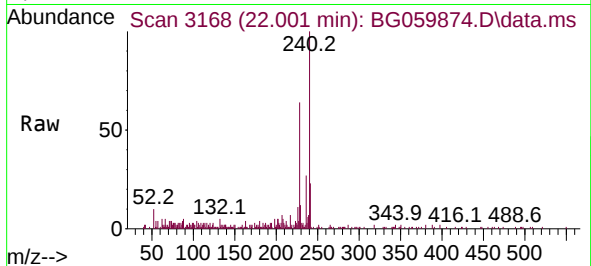




#81
Benzo(a)anthracene
Concen: 2.135 ng
RT: 22.001 min Scan# 3172
Delta R.T. -0.010 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

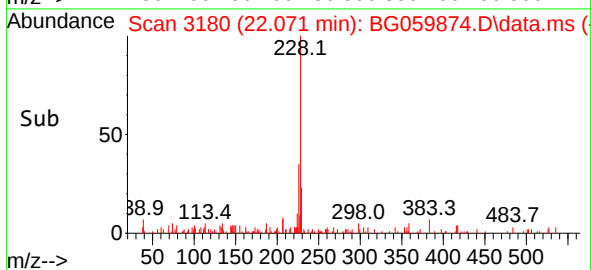
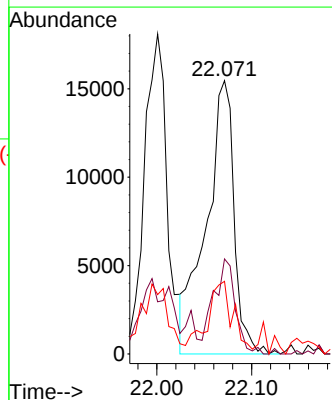
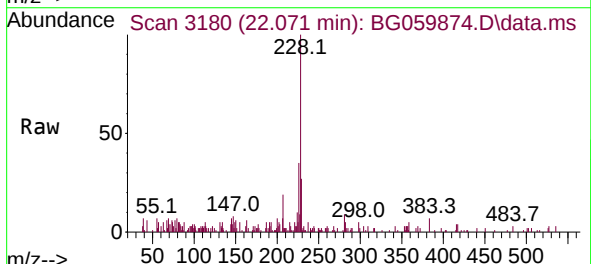
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

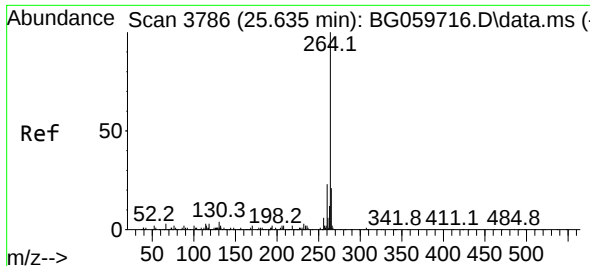
Tgt Ion:228 Resp: 30416
Ion Ratio Lower Upper
228 100
226 16.3 22.1 33.1#
229 18.6 14.9 22.3



#83
Chrysene
Concen: 2.427 ng
RT: 22.071 min Scan# 3180
Delta R.T. -0.015 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:228 Resp: 31691
Ion Ratio Lower Upper
228 100
226 34.8 21.1 31.7#
229 26.6 16.2 24.4#

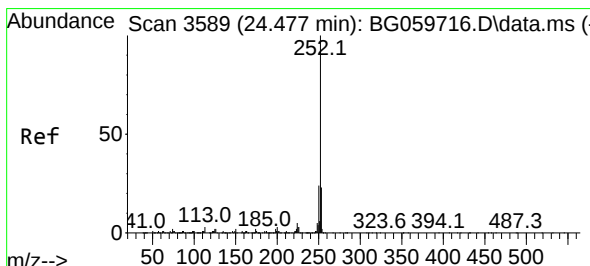
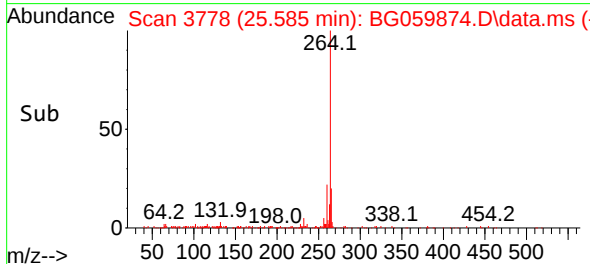
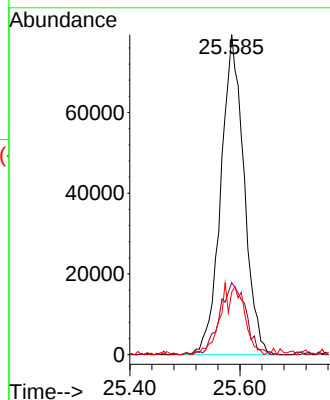
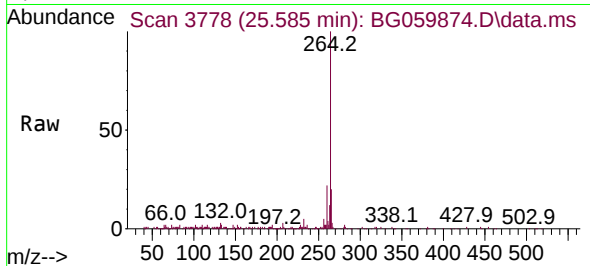




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.585 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

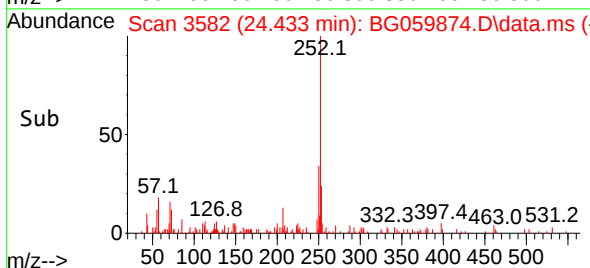
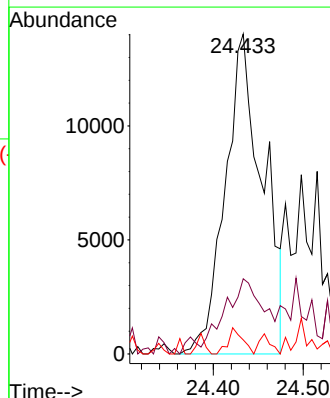
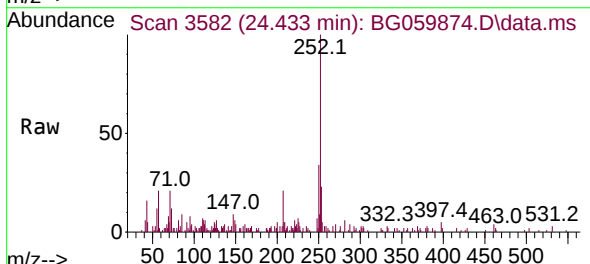
Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

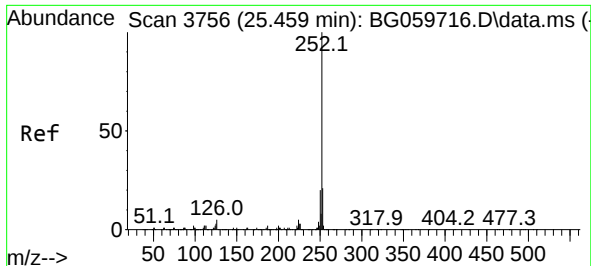
Tgt Ion:264 Resp: 230557
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 19.5 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 3.209 ng
RT: 24.433 min Scan# 3582
Delta R.T. -0.015 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Tgt Ion:252 Resp: 40547
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 6.9 1.4 2.0#





#90
Benzo(a)pyrene
Concen: 2.460 ng
RT: 25.409 min Scan# 31
Delta R.T. -0.033 min
Lab File: BG059874.D
Acq: 25 Nov 2023 1:47

Instrument :
BNA_G
ClientSampleId :
712-PLAINFIELD-AVE

Tgt Ion:252 Resp: 33183
Ion Ratio Lower Upper
252 100
253 26.3 16.8 25.2#
125 11.9 2.0 3.0#

