

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052360.D
 Acq On : 10 Feb 2022 18:56
 Operator : CG/JU
 Sample : N1455-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Feb 11 02:07:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

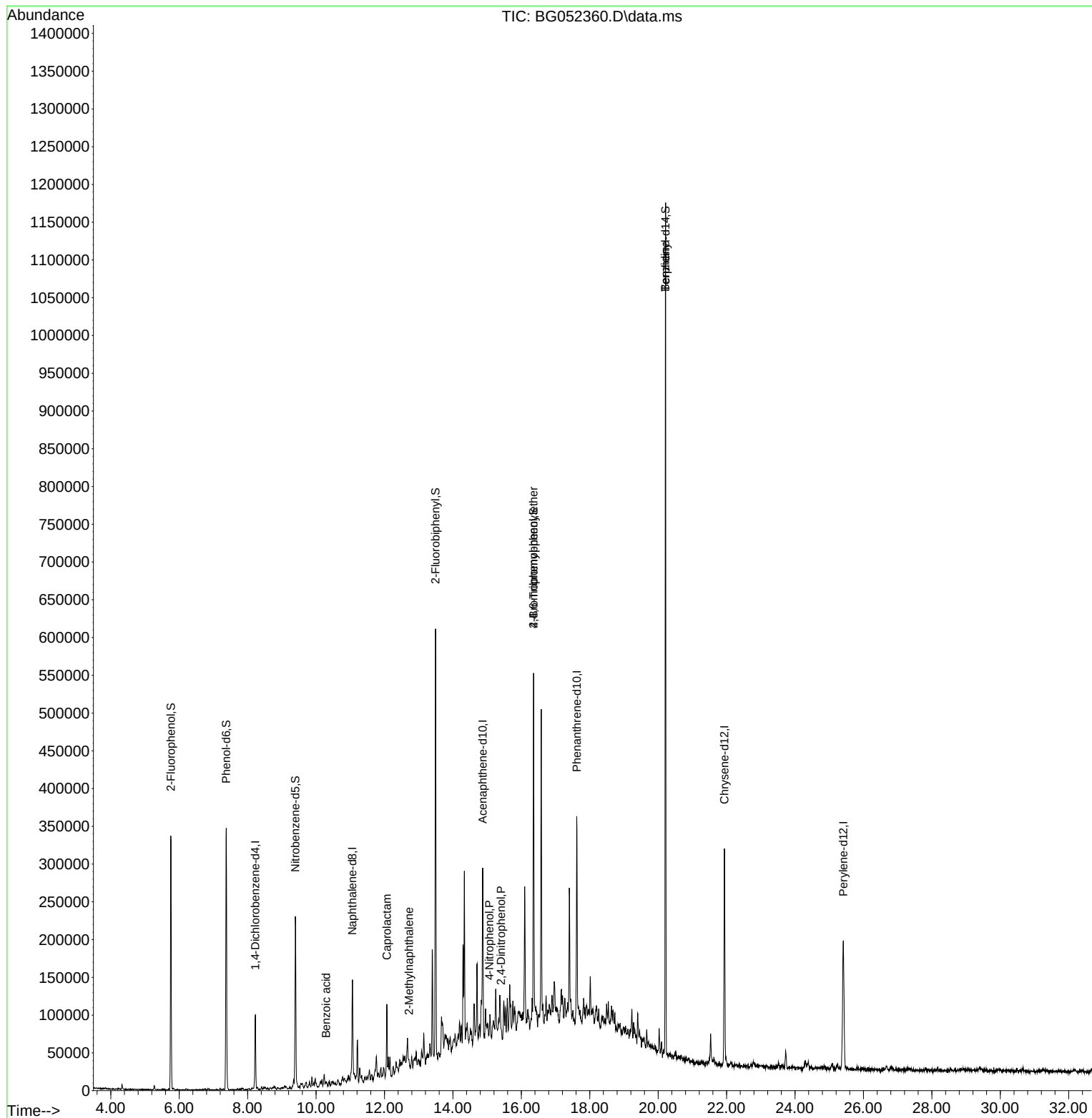
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	27788	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	111008	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	70532	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	162696	20.000	ng	0.00
76) Chrysene-d12	21.939	240	187920	20.000	ng	0.00
86) Perylene-d12	25.410	264	195747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	142904	89.629	ng	0.00
7) Phenol-d6	7.376	99	201334	81.841	ng	0.00
23) Nitrobenzene-d5	9.397	82	143053	56.007	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	91439	90.238	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	296513	58.415	ng	0.00
79) Terphenyl-d14	20.218	244	566454	53.229	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.376	77	574	Below Cal	#	8
32) Benzoic acid	10.290	122	55	6.026 ng	#	1
35) Caprolactam	12.070	113	3058	4.604 ng	#	25
37) 2-Methylnaphthalene	12.716	142	9135	2.113 ng		97
54) 2,4-Dinitrophenol	15.412	184	527	5.587 ng	#	79
56) 4-Nitrophenol	15.072	139	1992	2.189 ng	#	21
67) 4-Bromophenyl-phenylether	16.358	248	6020	3.043 ng	#	1
77) Benzidine	20.212	184	8746	2.178 ng	#	93

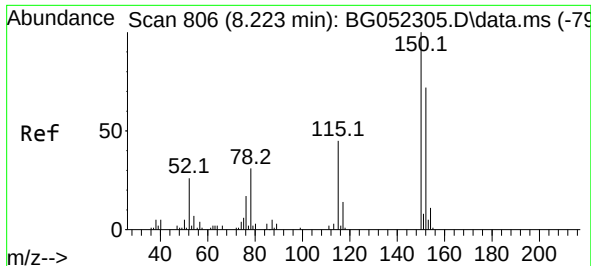
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
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Quant Time: Feb 11 02:07:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

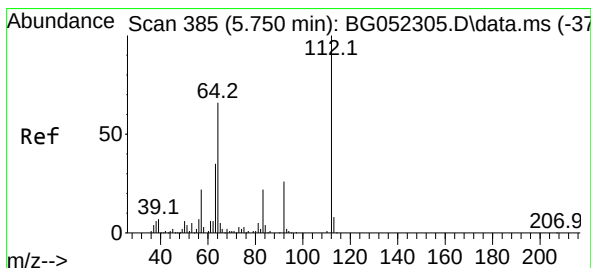
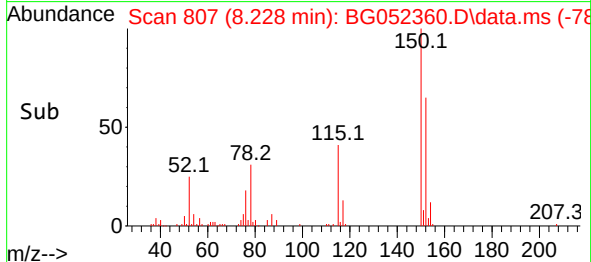
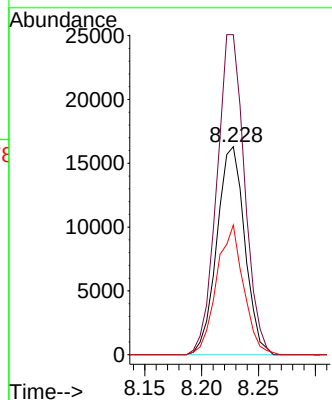
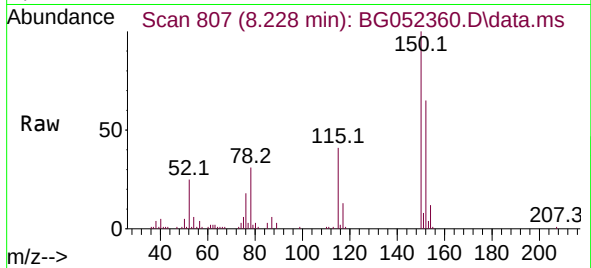




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

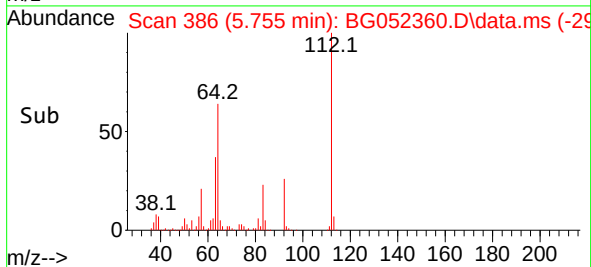
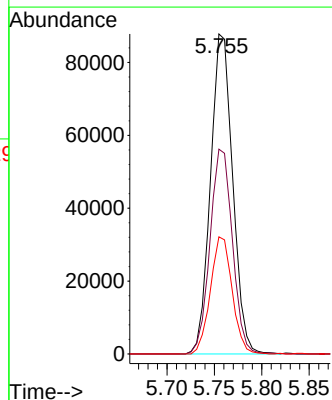
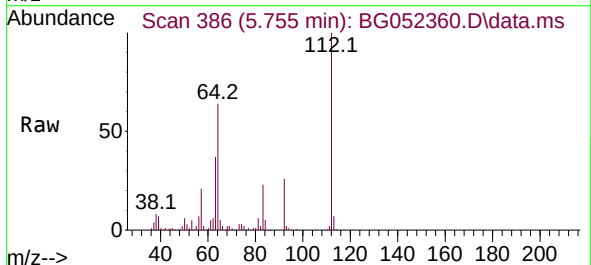
Instrument :
BNA_G
ClientSampleId :
TP-5

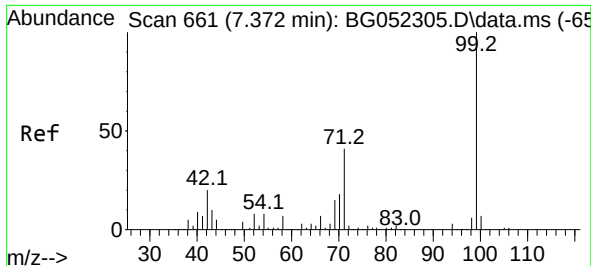
Tgt Ion:152 Resp: 27788
Ion Ratio Lower Upper
152 100
150 153.8 117.8 176.8
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 89.629 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:112 Resp: 142904
Ion Ratio Lower Upper
112 100
64 64.0 60.4 90.6
63 36.6 33.3 49.9

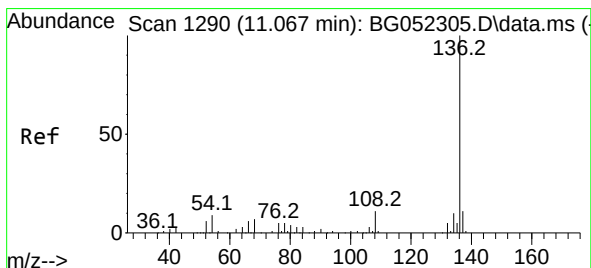
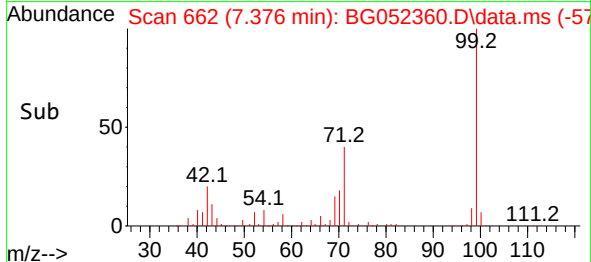
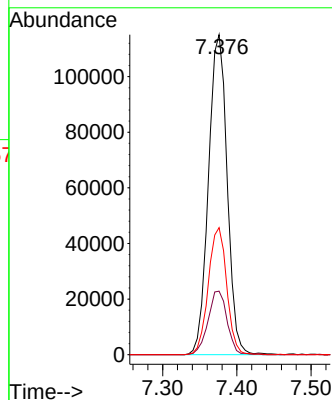
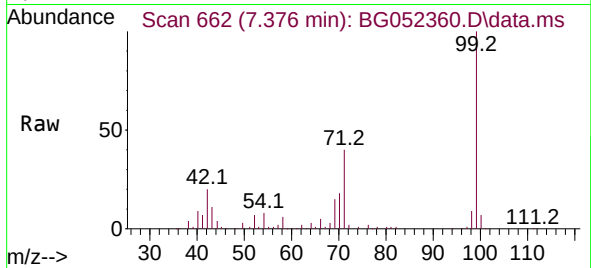




#7
Phenol-d6
Concen: 81.841 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

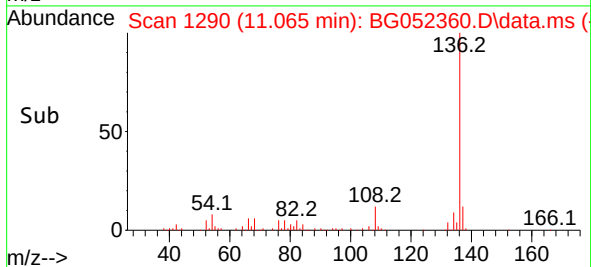
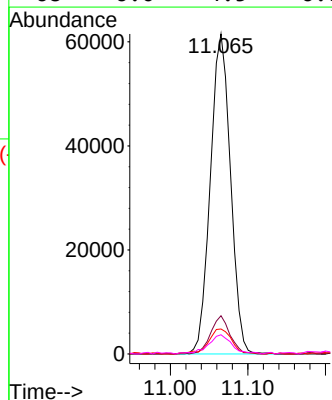
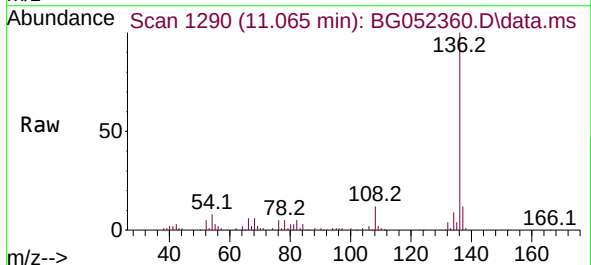
Instrument :
BNA_G
ClientSampleId :
TP-5

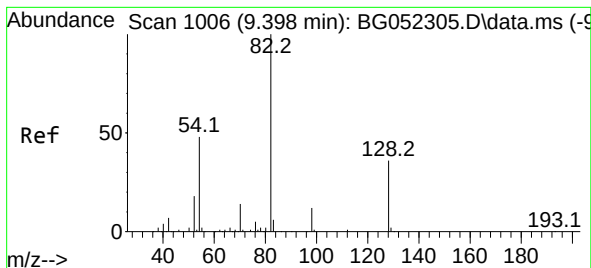
Tgt Ion: 99 Resp: 201334
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.7 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 136 Resp: 111008
Ion Ratio Lower Upper
136 100
137 11.9 9.1 13.7
54 7.8 8.3 12.5#
68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 56.007 ng

RT: 9.397 min Scan# 1006

Delta R.T. -0.001 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5

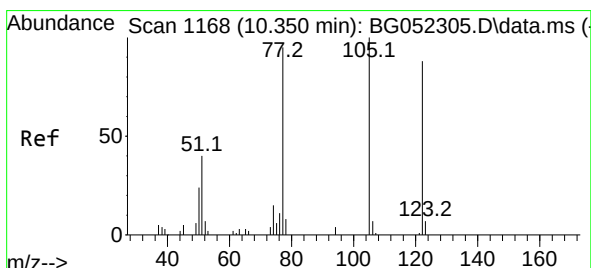
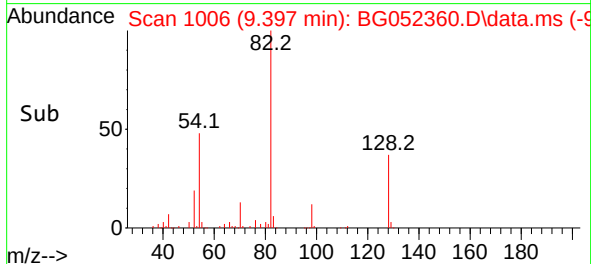
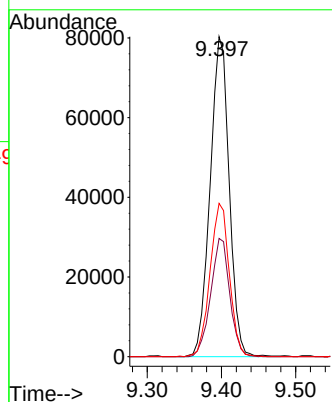
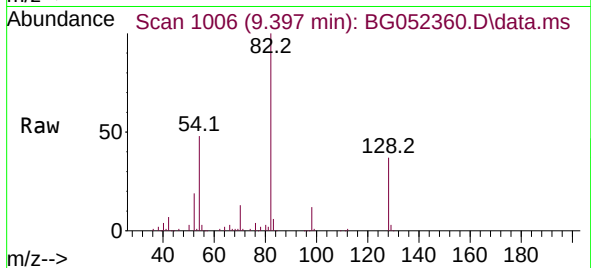
Tgt Ion: 82 Resp: 143053

Ion Ratio Lower Upper

82 100

128 37.0 27.0 40.4

54 47.9 41.0 61.6



#32

Benzoic acid

Concen: 6.026 ng

RT: 10.290 min Scan# 1158

Delta R.T. -0.060 min

Lab File: BG052360.D

Acq: 10 Feb 2022 18:56

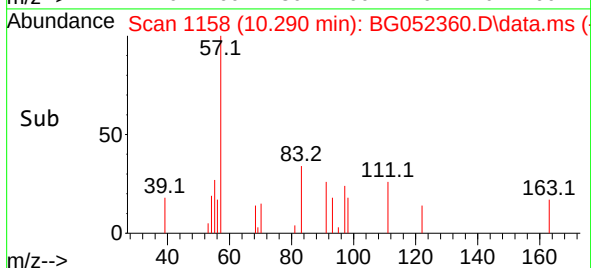
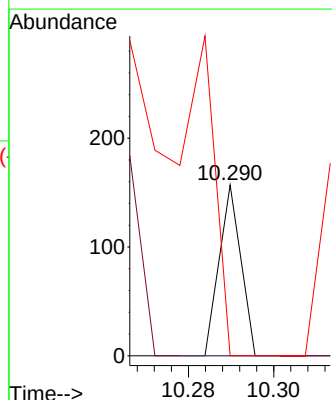
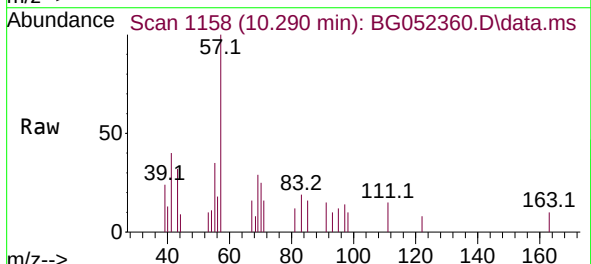
Tgt Ion: 122 Resp: 55

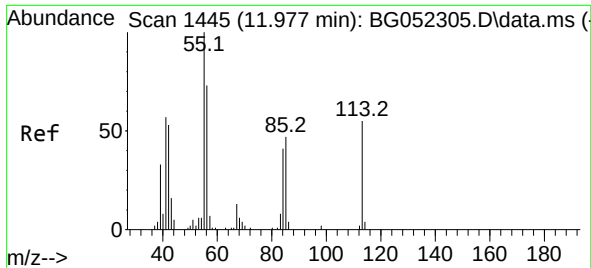
Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#

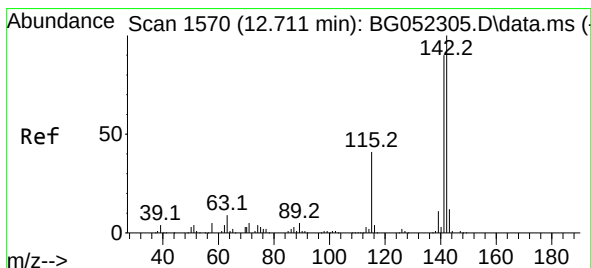
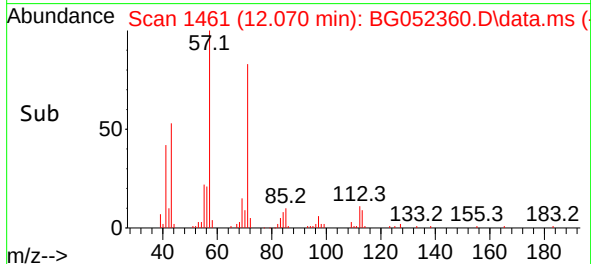
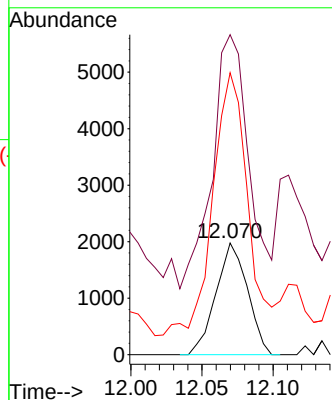
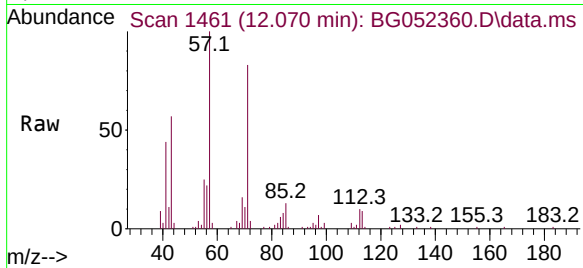




#35
 Caprolactam
 Concen: 4.604 ng
 RT: 12.070 min Scan# 1445
 Delta R.T. 0.093 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

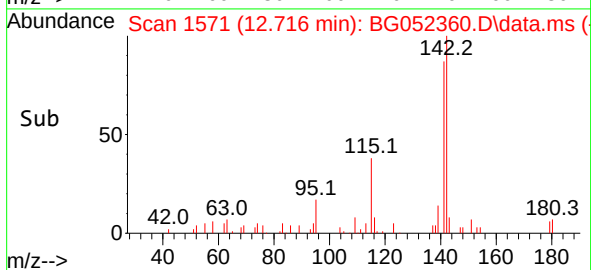
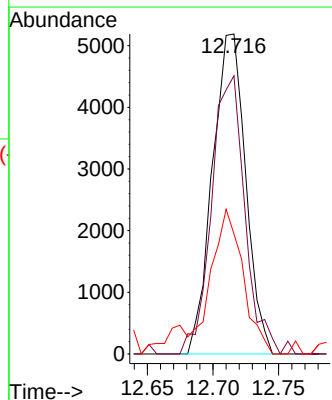
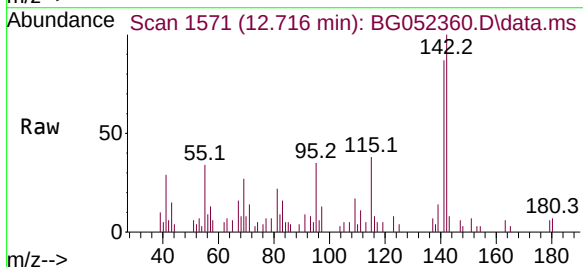
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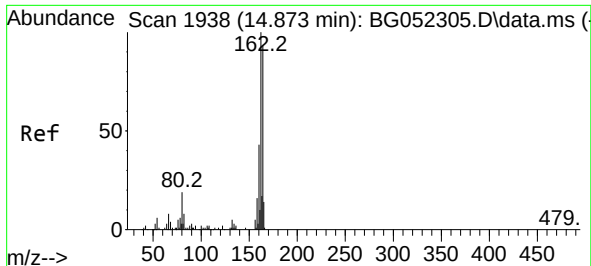
Tgt Ion:113 Resp: 3058
 Ion Ratio Lower Upper
 113 100
 55 286.3 161.4 201.4#
 56 252.2 132.6 172.6#



#37
 2-Methylnaphthalene
 Concen: 2.113 ng
 RT: 12.716 min Scan# 1571
 Delta R.T. 0.004 min
 Lab File: BG052360.D
 Acq: 10 Feb 2022 18:56

Tgt Ion:142 Resp: 9135
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.7 107.5
 115 37.5 32.2 48.4

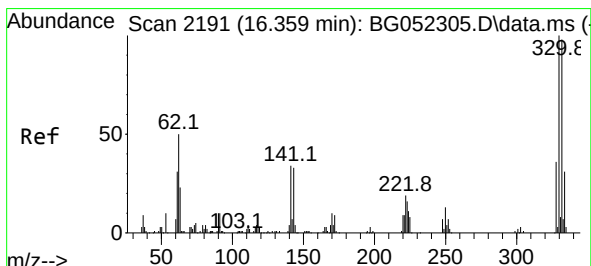
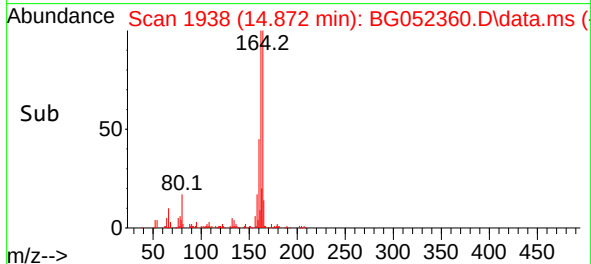
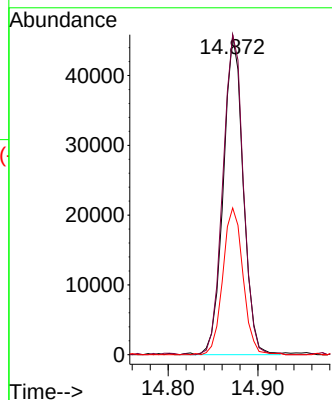
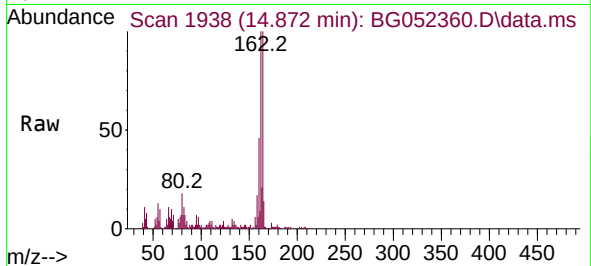




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

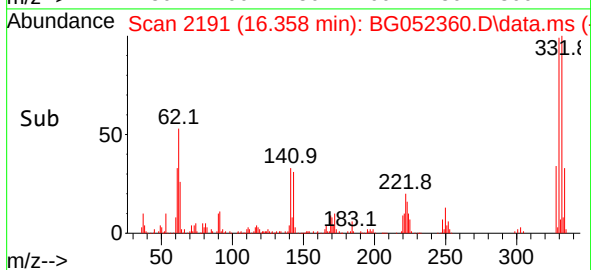
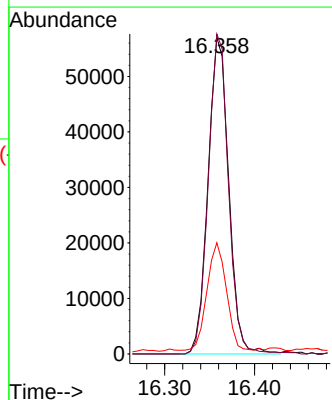
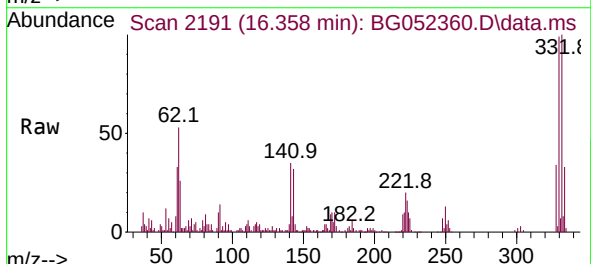
Instrument :
BNA_G
ClientSampleId :
TP-5

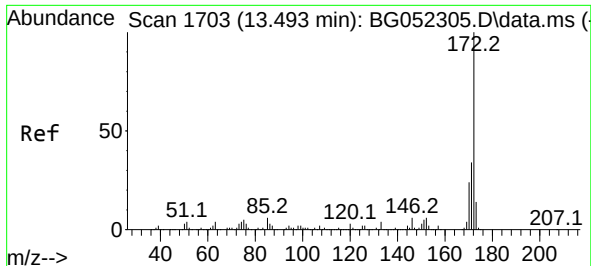
Tgt Ion:164 Resp: 70532
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 46.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 90.238 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:330 Resp: 91439
Ion Ratio Lower Upper
330 100
332 98.3 78.6 117.8
141 31.6 28.8 43.2

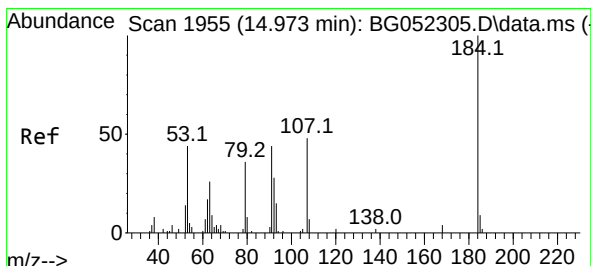
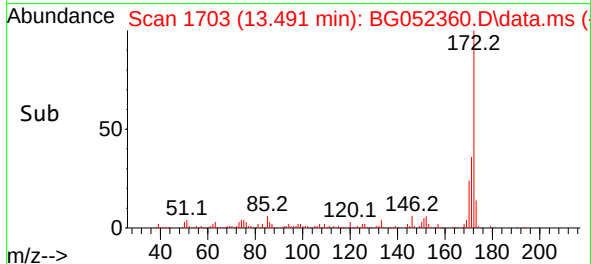
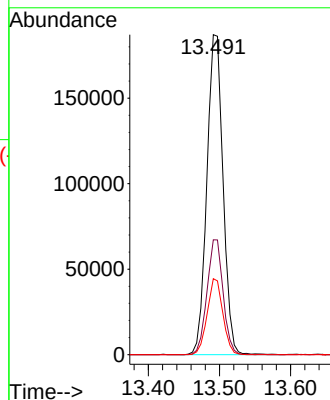
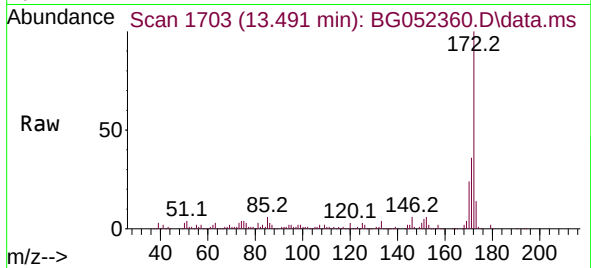




#45
2-Fluorobiphenyl
Concen: 58.415 ng
RT: 13.491 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

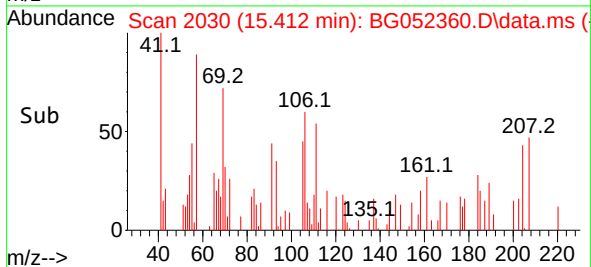
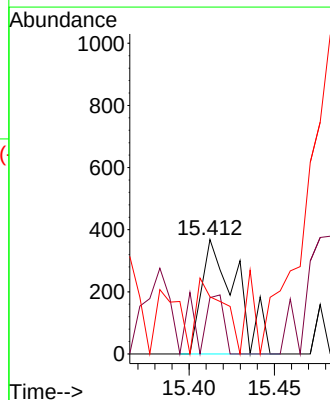
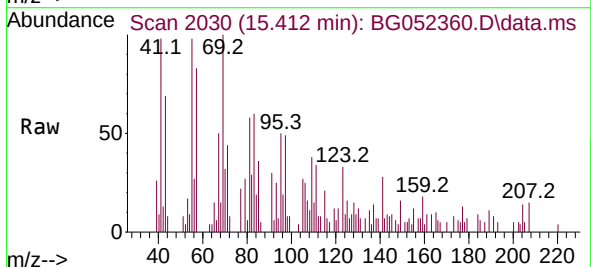
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ClientSampleId :
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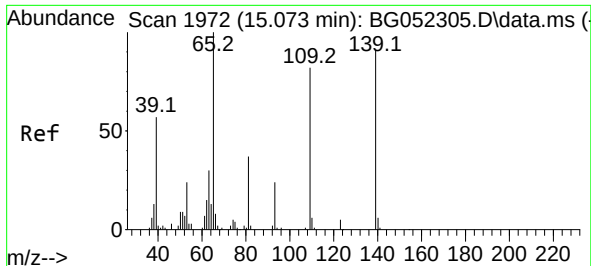
Tgt Ion:172 Resp: 296513
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.8 18.3 27.5



#54
2,4-Dinitrophenol
Concen: 5.587 ng
RT: 15.412 min Scan# 2030
Delta R.T. 0.439 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:184 Resp: 527
Ion Ratio Lower Upper
184 100
63 49.2 56.0 84.0#
154 50.0 50.2 75.2#

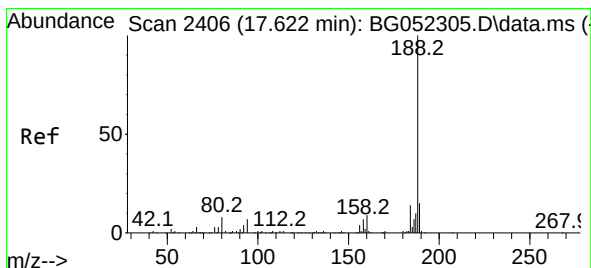
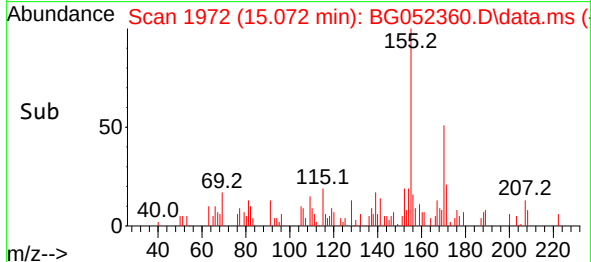
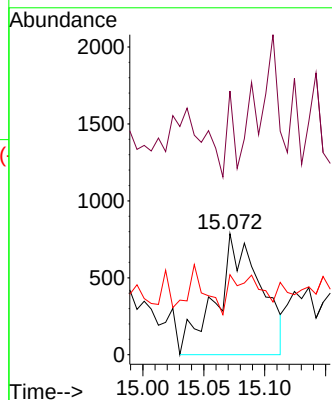
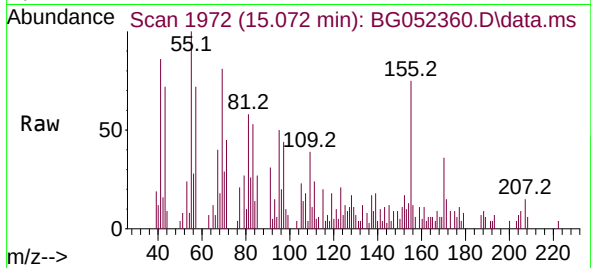




#56
4-Nitrophenol
Concen: 2.189 ng
RT: 15.072 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

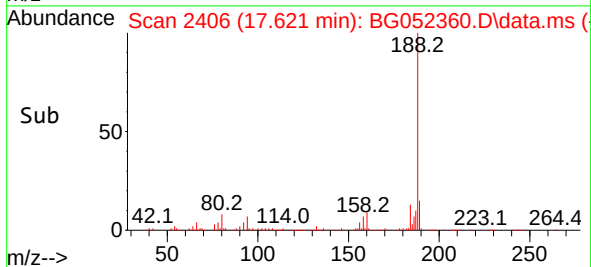
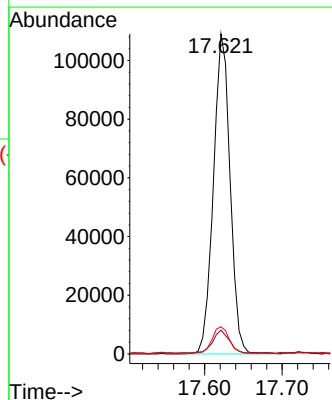
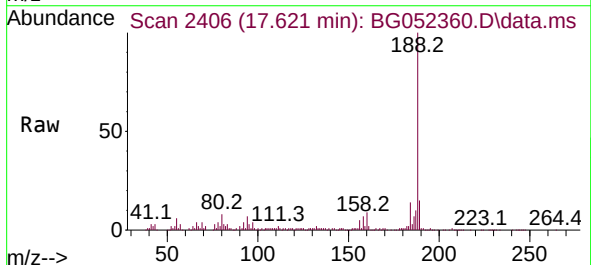
Instrument :
BNA_G
ClientSampleId :
TP-5

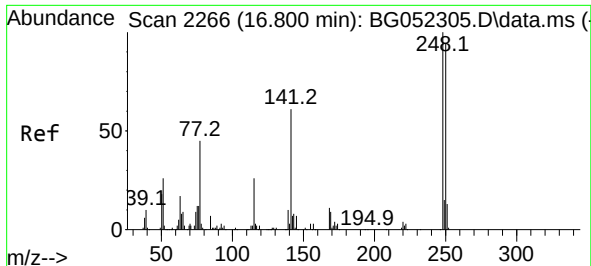
Tgt Ion:139 Resp: 1992
Ion Ratio Lower Upper
139 100
109 218.1 84.9 124.9#
65 66.2 109.9 149.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:188 Resp: 162696
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.5 6.6 10.0

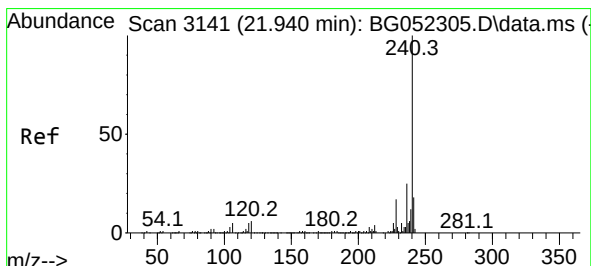
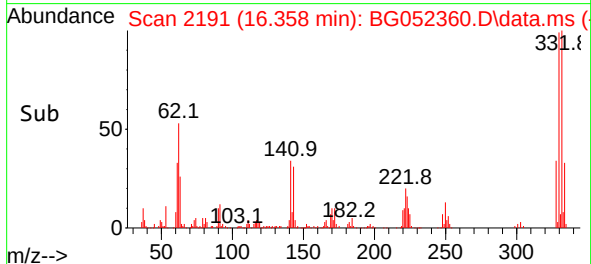
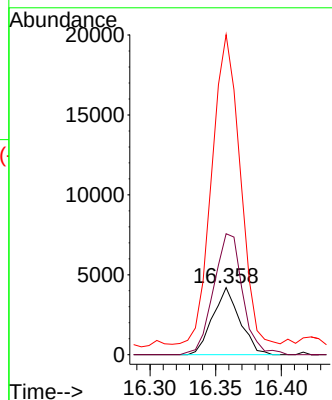
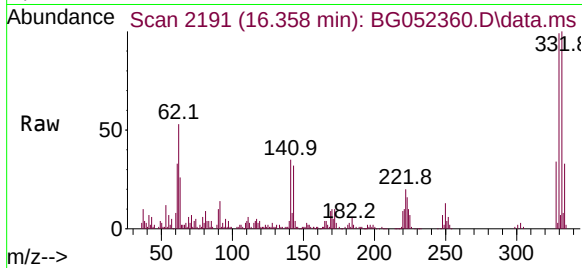




#67
4-Bromophenyl-phenylether
Concen: 3.043 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.442 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

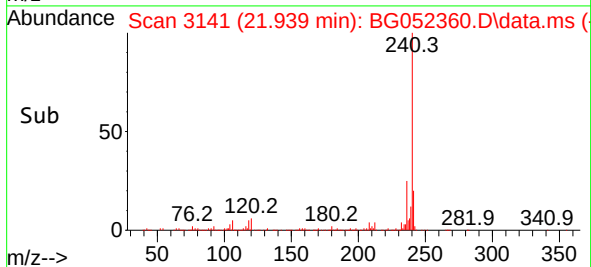
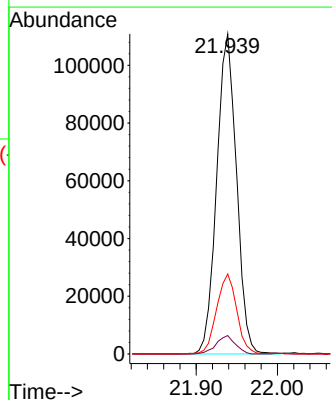
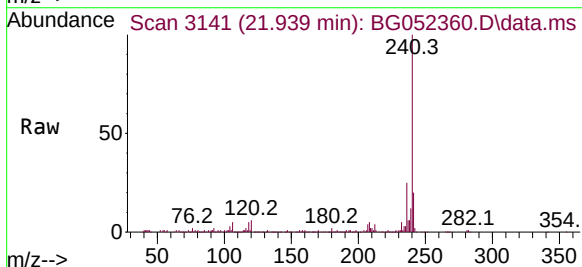
Instrument :
BNA_G
ClientSampleId :
TP-5

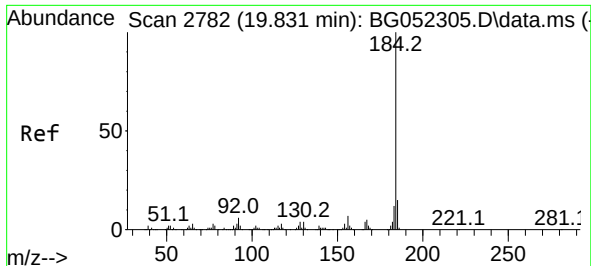
Tgt Ion:248 Resp: 6020
Ion Ratio Lower Upper
248 100
250 180.3 79.6 119.4#
141 477.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:240 Resp: 187920
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 25.0 20.8 31.2

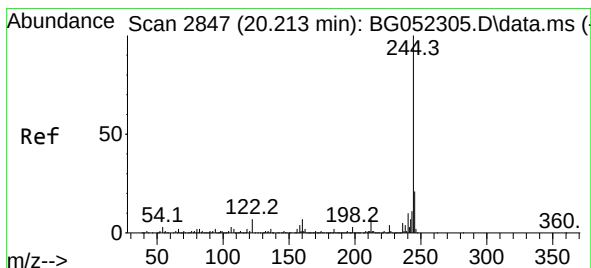
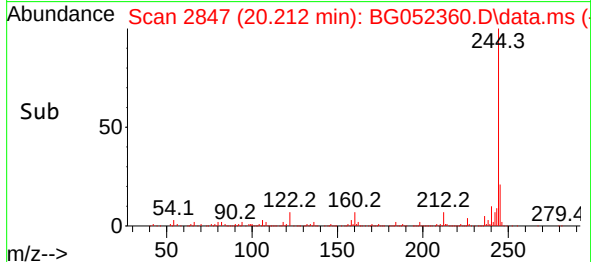
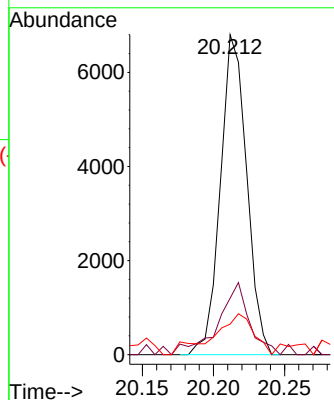
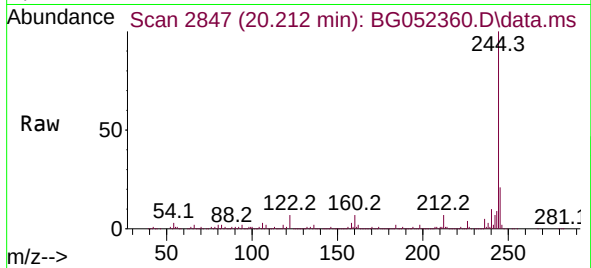




#77
Benzidine
Concen: 2.178 ng
RT: 20.212 min Scan# 21
Delta R.T. 0.380 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

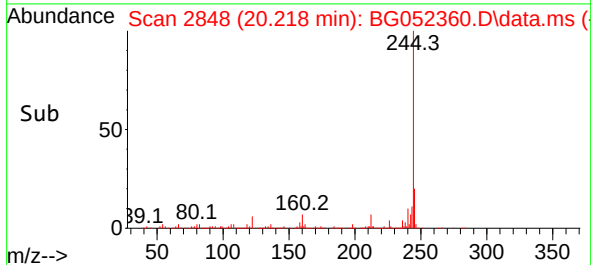
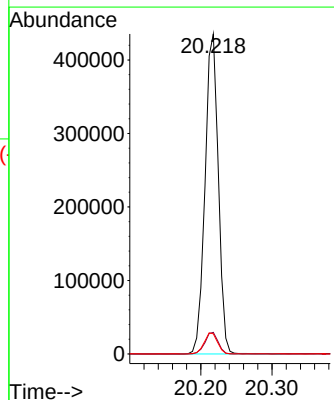
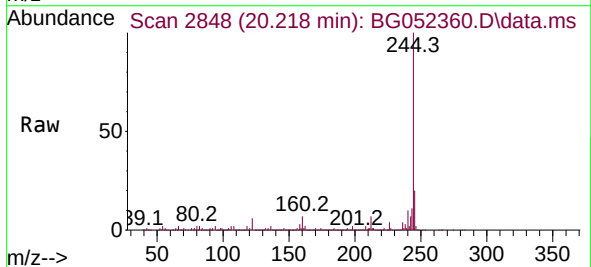
Instrument :
BNA_G
ClientSampleId :
TP-5

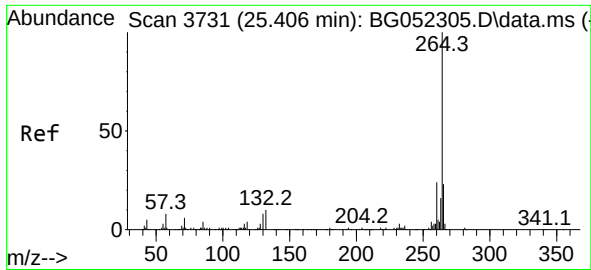
Tgt Ion:184 Resp: 8746
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.8
183 9.6 9.8 14.6#



#79
Terphenyl-d14
Concen: 53.229 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.005 min
Lab File: BG052360.D
Acq: 10 Feb 2022 18:56

Tgt Ion:244 Resp: 566454
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 6.3 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.410 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG052360.D

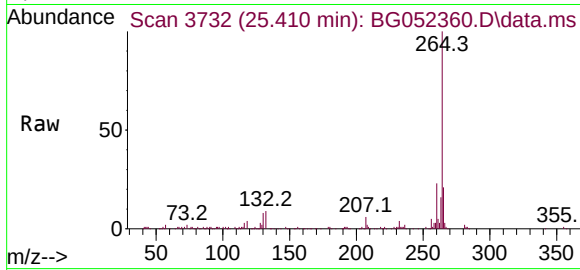
Acq: 10 Feb 2022 18:56

Instrument :

BNA_G

ClientSampleId :

TP-5



Tgt Ion:264 Resp: 195747

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.7 17.8 26.6

