

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055128.D
 Acq On : 11 Oct 2022 15:51
 Operator : CG/JU
 Sample : N5066-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C11(10-11)

Quant Time: Oct 12 06:19:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

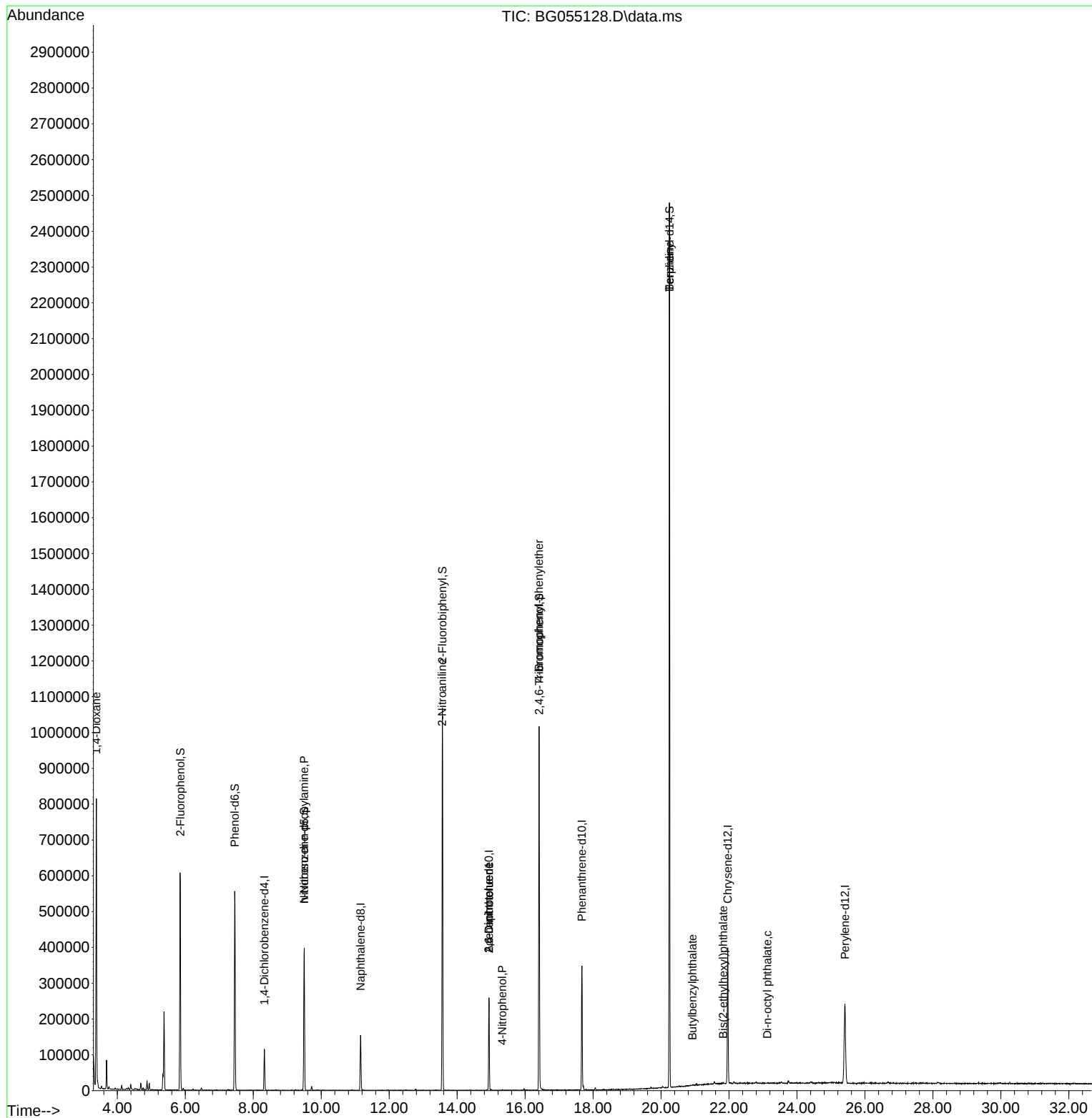
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	33211	20.000	ng	-0.01
21) Naphthalene-d8	11.156	136	128741	20.000	ng	-0.01
39) Acenaphthene-d10	14.933	164	92602	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	238721	20.000	ng	0.00
76) Chrysene-d12	21.960	240	246777	20.000	ng	0.00
86) Perylene-d12	25.409	264	255986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	255730	171.031	ng	0.00
7) Phenol-d6	7.454	99	305784	136.491	ng	0.00
23) Nitrobenzene-d5	9.499	82	232832	108.067	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	212913	216.836	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	550798	92.856	ng	0.00
79) Terphenyl-d14	20.245	244	1191736	97.607	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	6968	8.236	ng	# 1
19) n-Nitroso-di-n-propyla...	9.499	70	33397	15.389	ng	# 74
48) 2-Nitroaniline	13.559	65	950	4.686	ng	# 1
51) 2,6-Dinitrotoluene	14.933	165	11678	11.912	ng	# 15
56) 4-Nitrophenol	15.327	139	463	5.294	ng	# 1
57) 2,4-Dinitrotoluene	14.933	165	11678	9.750	ng	# 16
67) 4-Bromophenyl-phenylether	16.408	248	13102	5.190	ng	# 1
77) Benzidine	20.245	184	18706	4.400	ng	# 94
80) Butylbenzylphthalate	20.921	149	133	4.862	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.825	149	1294	4.255	ng	# 96
85) Di-n-octyl phthalate	23.124	149	650	4.387	ng	# 36

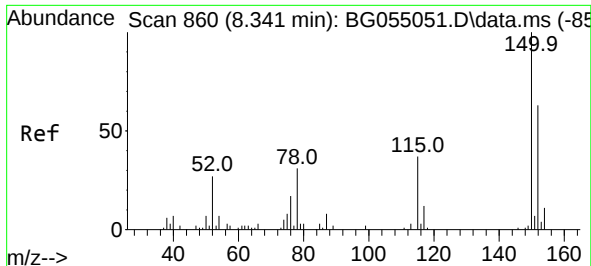
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
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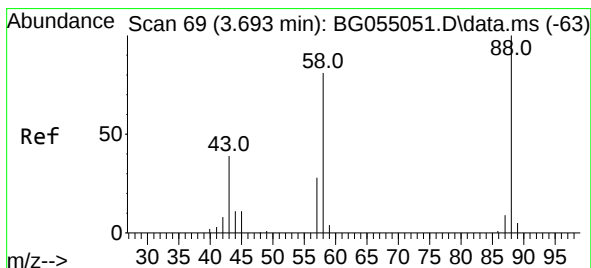
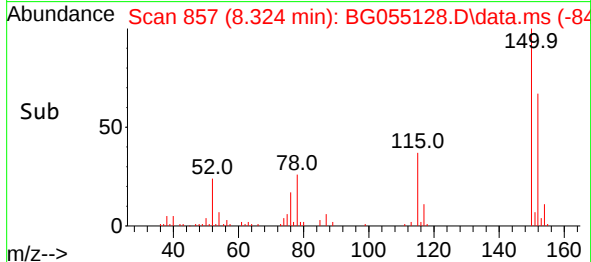
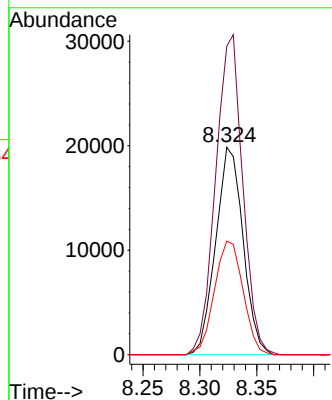
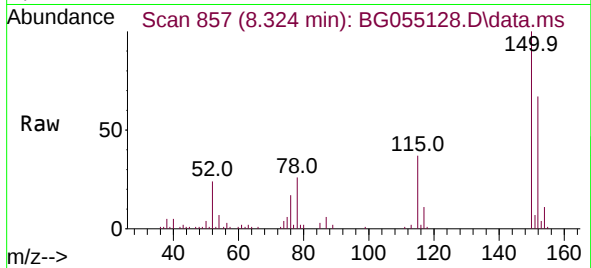




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 8
 Delta R.T. -0.014 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

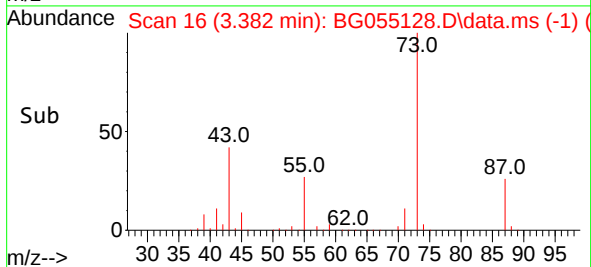
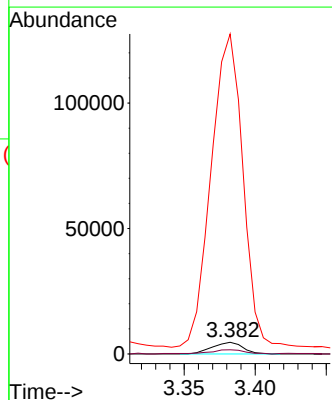
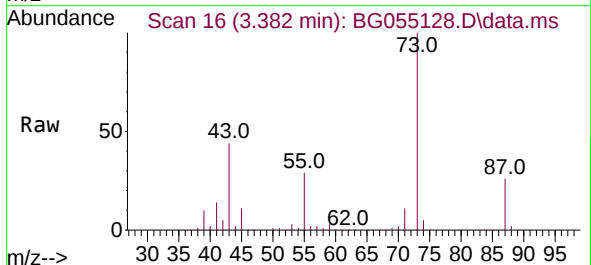
Instrument :
 BNA_G
 ClientSampleId :
 C11(10-11)

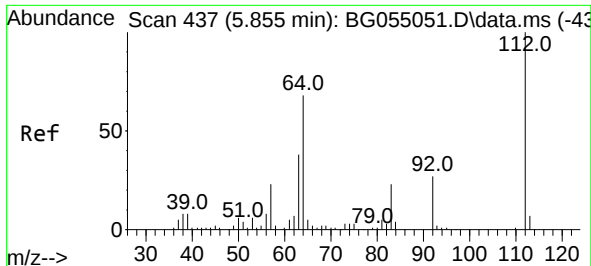
Tgt Ion:152 Resp: 33211
 Ion Ratio Lower Upper
 152 100
 150 148.7 128.0 192.0
 115 54.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 8.236 ng
 RT: 3.382 min Scan# 16
 Delta R.T. -0.302 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

Tgt Ion: 88 Resp: 6968
 Ion Ratio Lower Upper
 88 100
 58 42.6 62.6 94.0#
 43 2872.8 29.0 43.6#

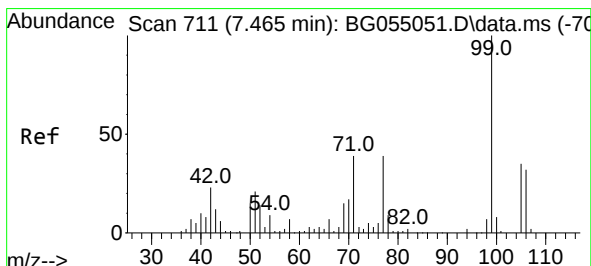
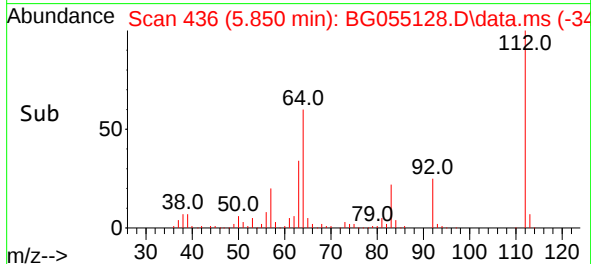
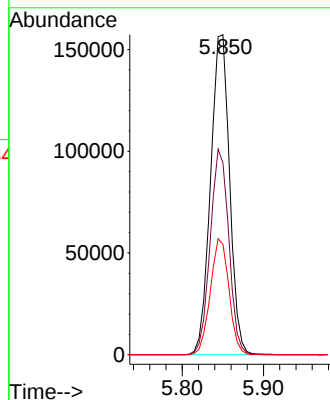
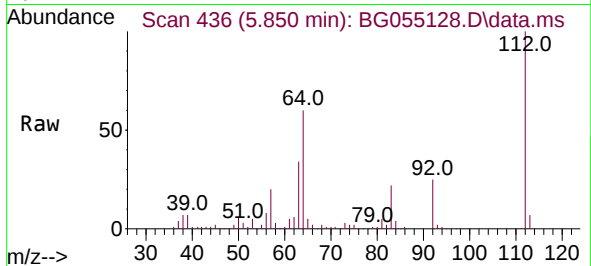




#5
2-Fluorophenol
Concen: 171.031 ng
RT: 5.850 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

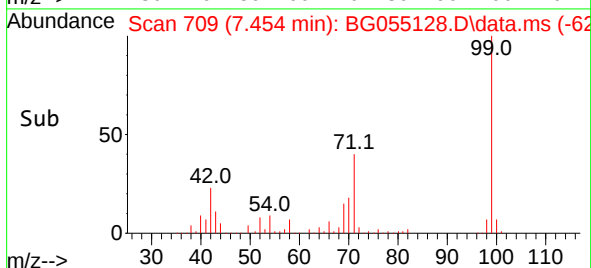
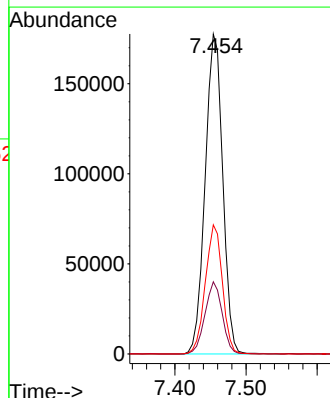
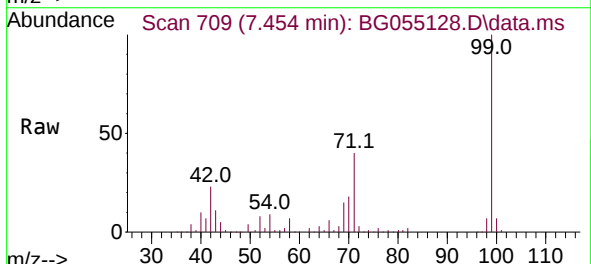
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

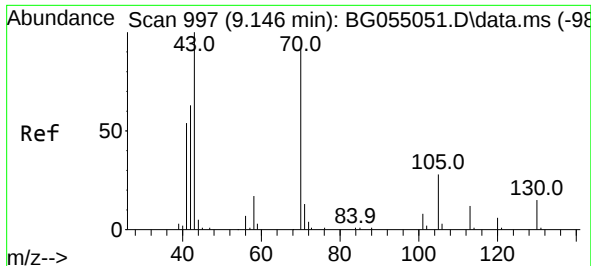
Tgt Ion:112 Resp: 255730
Ion Ratio Lower Upper
112 100
64 60.0 54.5 81.7
63 34.5 30.5 45.7



#7
Phenol-d6
Concen: 136.491 ng
RT: 7.454 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion: 99 Resp: 305784
Ion Ratio Lower Upper
99 100
42 22.6 18.6 28.0
71 40.3 31.2 46.8





#19

n-Nitroso-di-n-propylamine

Concen: 15.389 ng

RT: 9.499 min Scan# 1057

Delta R.T. 0.362 min

Lab File: BG055128.D

Acq: 11 Oct 2022 15:51

Instrument :

BNA_G

ClientSampleId :

C11(10-11)

Tgt Ion: 70 Resp: 33397

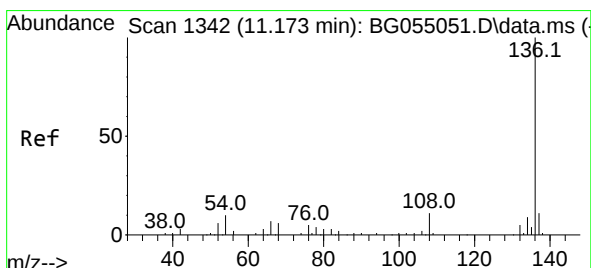
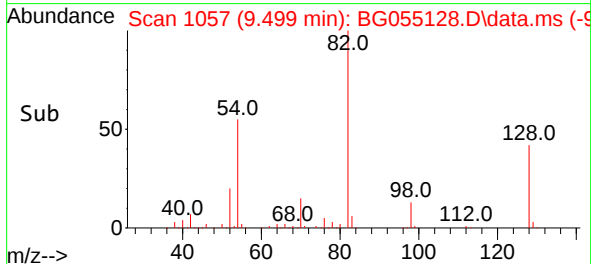
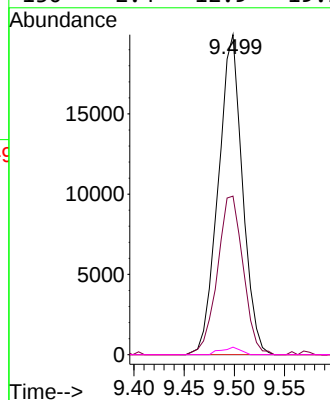
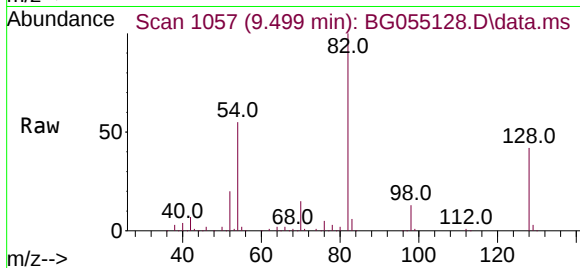
Ion Ratio Lower Upper

70 100

42 49.6 55.8 83.6#

101 0.0 7.1 10.7#

130 2.4 12.9 19.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.156 min Scan# 1339

Delta R.T. -0.014 min

Lab File: BG055128.D

Acq: 11 Oct 2022 15:51

Tgt Ion:136 Resp: 128741

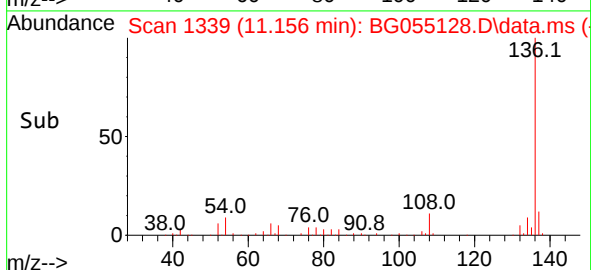
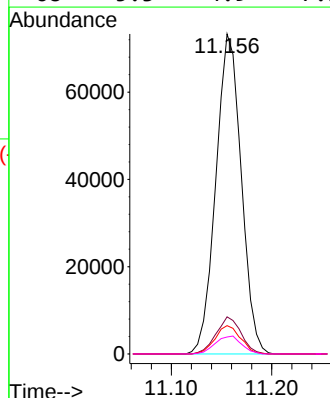
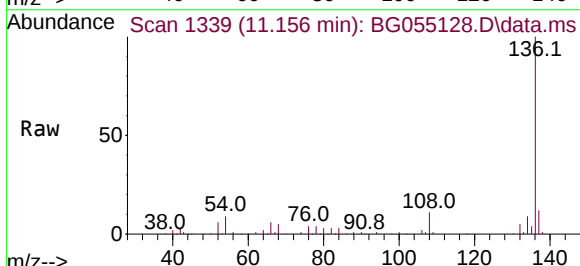
Ion Ratio Lower Upper

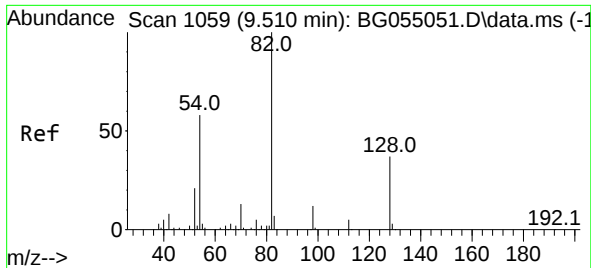
136 100

137 11.6 8.7 13.1

54 8.9 8.2 12.4

68 5.3 4.9 7.3

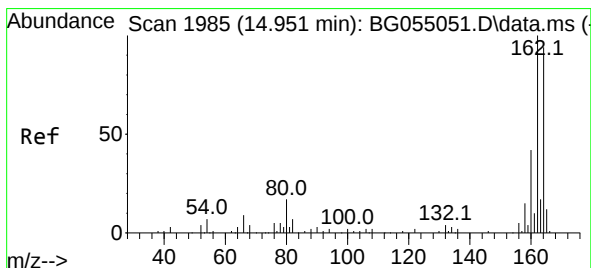
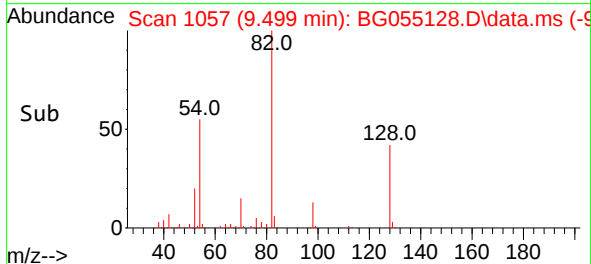
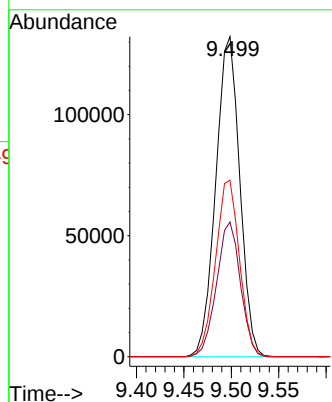
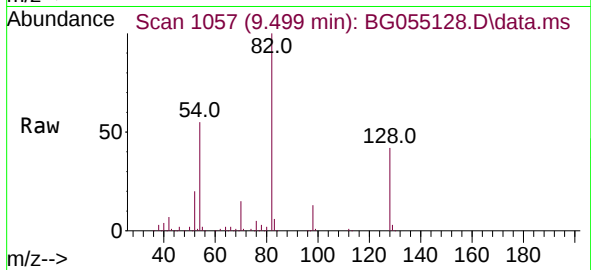




#23
Nitrobenzene-d5
Concen: 108.067 ng
RT: 9.499 min Scan# 1057
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

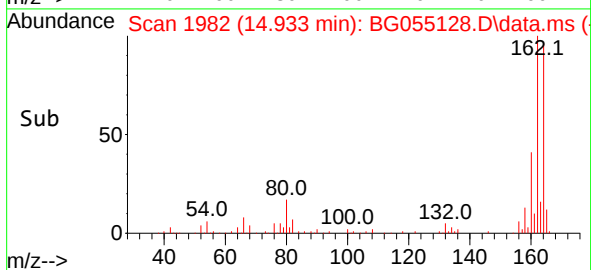
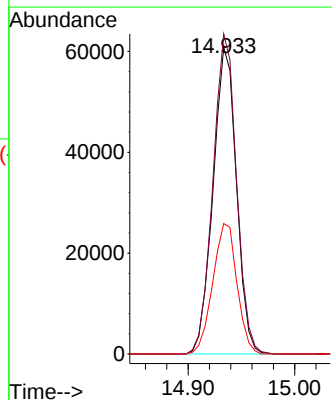
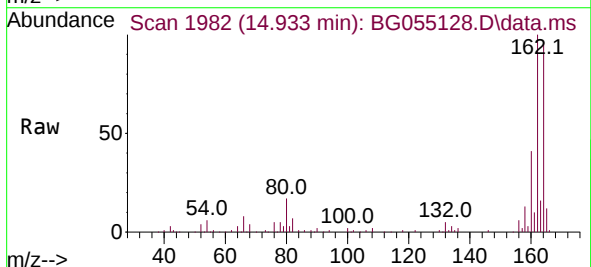
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

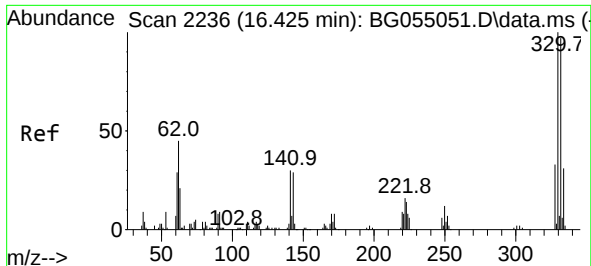
Tgt Ion: 82 Resp: 232832
Ion Ratio Lower Upper
82 100
128 42.1 29.5 44.3
54 55.1 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

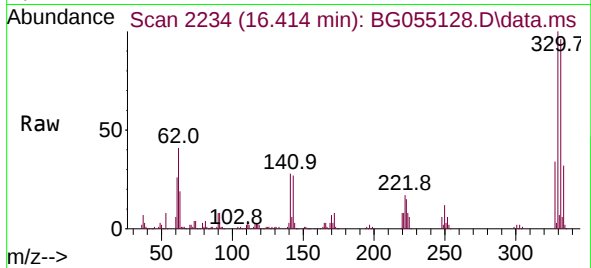
Tgt Ion:164 Resp: 92602
Ion Ratio Lower Upper
164 100
162 104.3 85.5 128.3
160 42.5 35.5 53.3



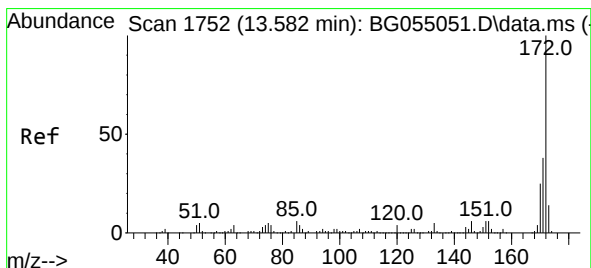
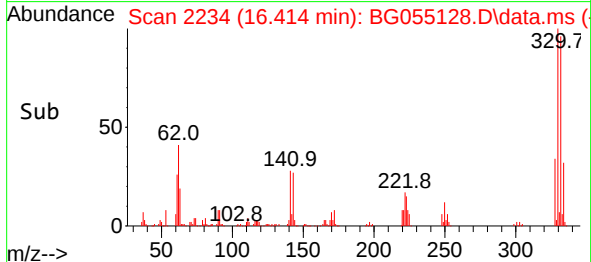
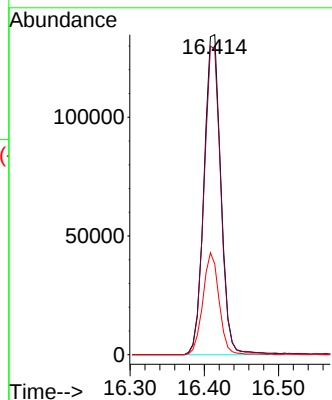


#42
2,4,6-Tribromophenol
Concen: 216.836 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

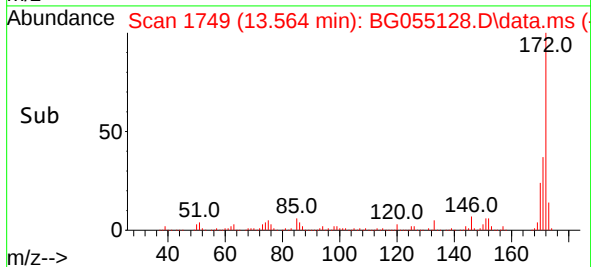
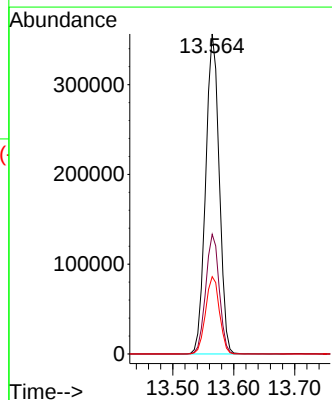
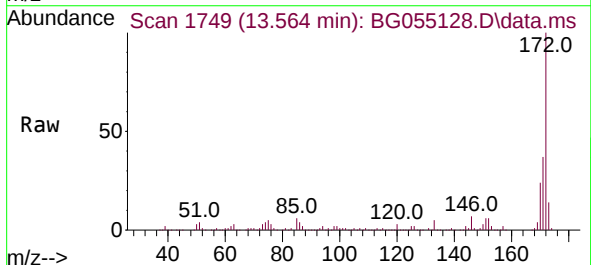


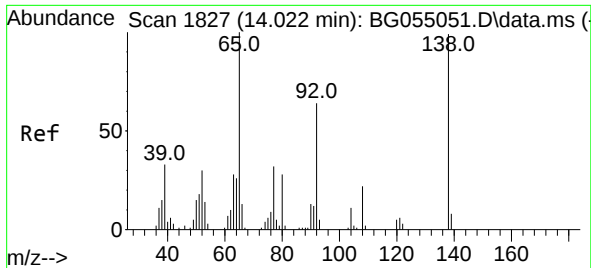
Tgt Ion:330 Resp: 212913
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 30.6 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 92.856 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:172 Resp: 550798
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.1 20.0 30.0

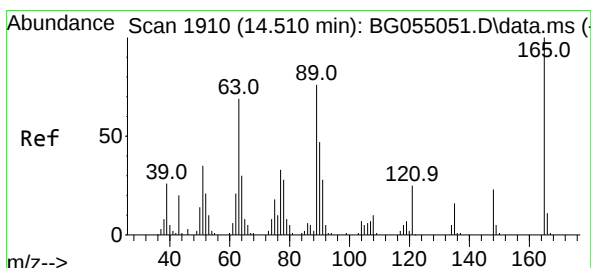
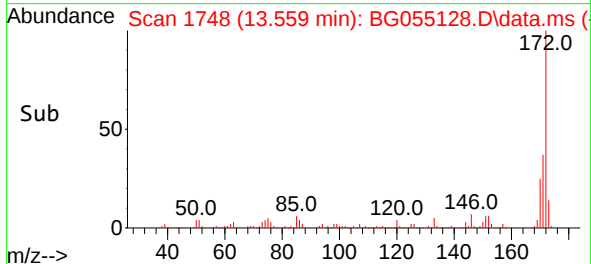
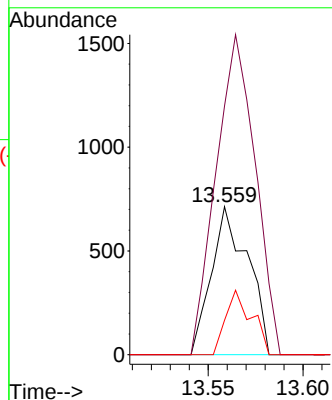
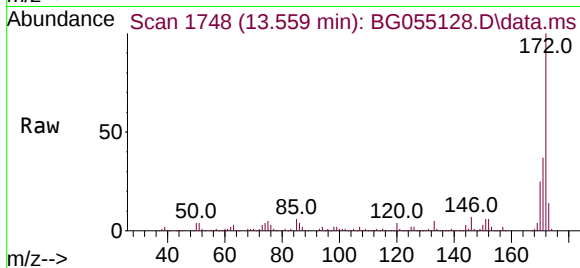




#48
2-Nitroaniline
Concen: 4.686 ng
RT: 13.559 min Scan# 11
Delta R.T. -0.461 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

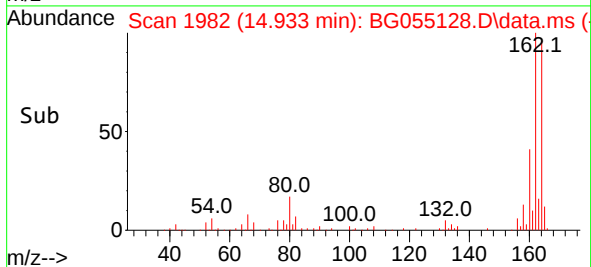
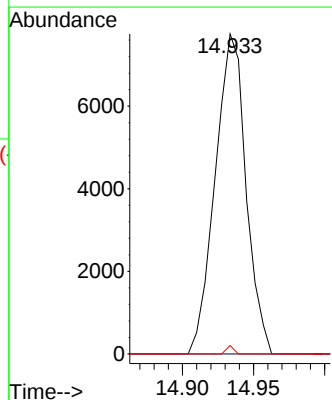
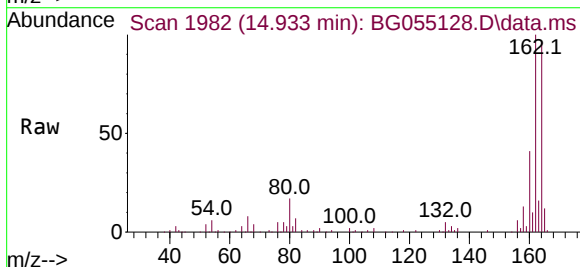
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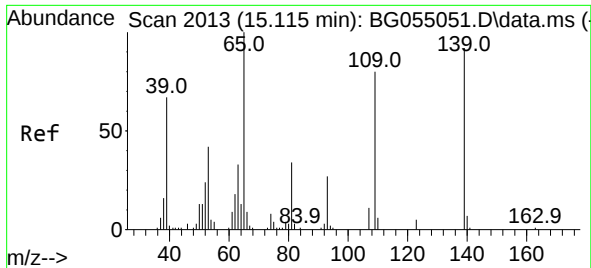
Tgt Ion: 65 Resp: 950
Ion Ratio Lower Upper
65 100
92 168.0 50.9 76.3#
138 23.3 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 11.912 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.426 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:165 Resp: 11678
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.7 60.4 90.6#

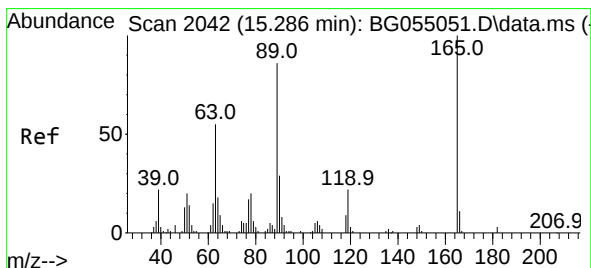
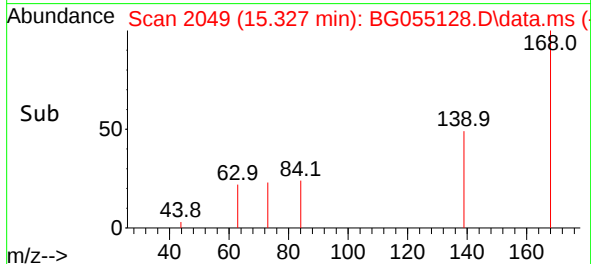
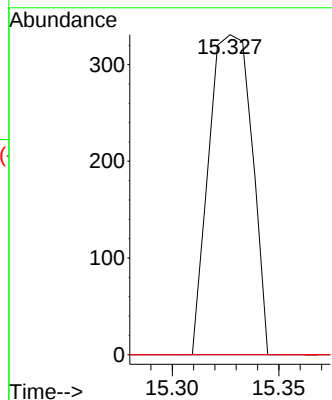
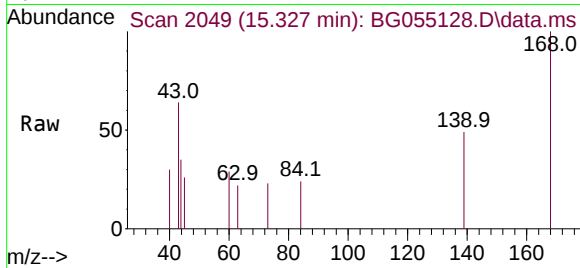




#56
4-Nitrophenol
Concen: 5.294 ng
RT: 15.327 min Scan# 2013
Delta R.T. 0.215 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

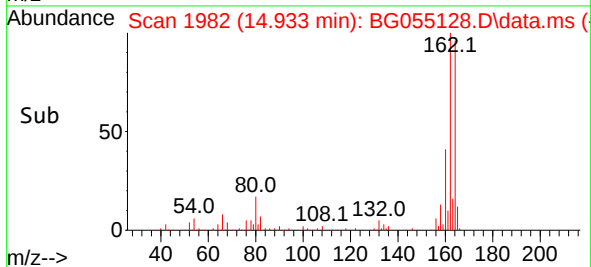
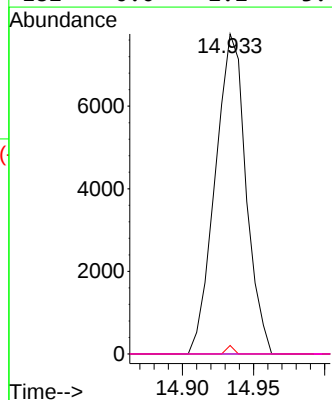
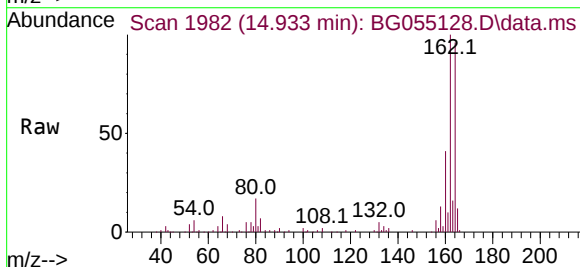
Instrument :
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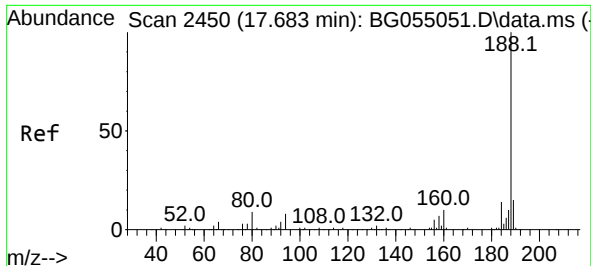
Tgt Ion:139 Resp: 463
Ion Ratio Lower Upper
139 100
109 0.0 66.6 106.6#
65 0.0 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 9.750 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.349 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:165 Resp: 11678
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.7 69.0 103.6#
182 0.0 2.2 3.4#

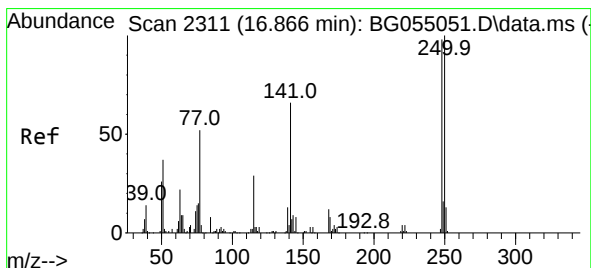
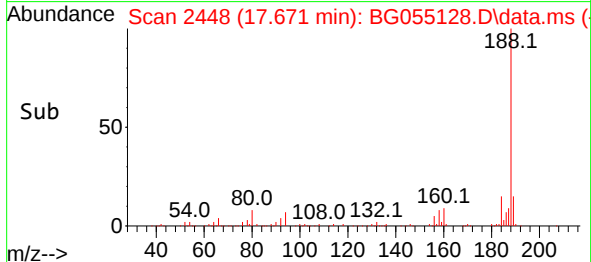
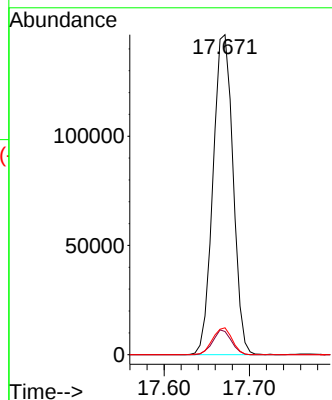
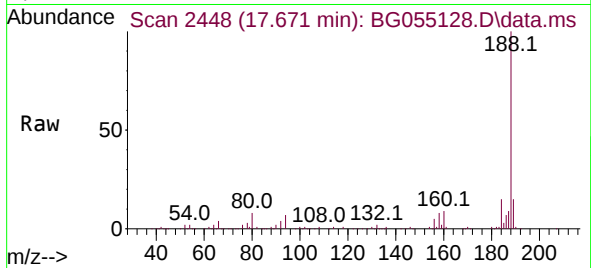




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

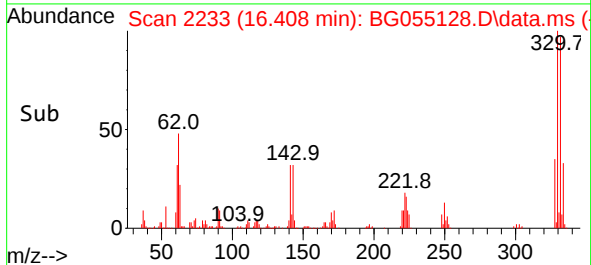
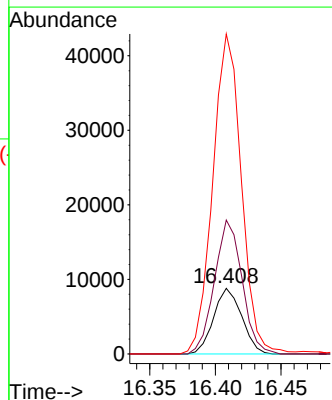
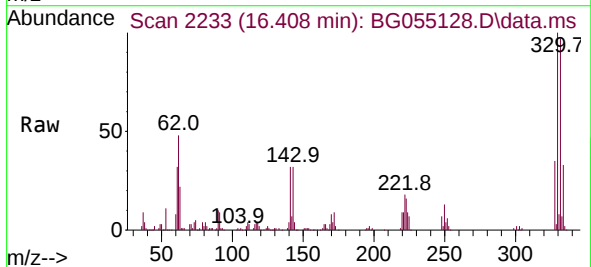
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

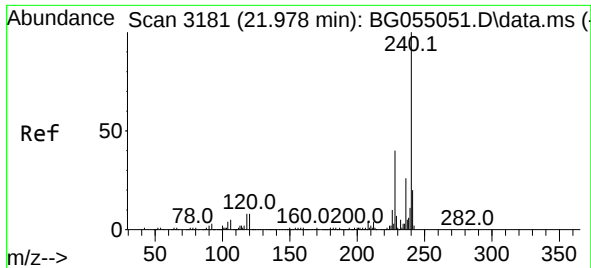
Tgt Ion:188 Resp: 238721
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.190 ng
RT: 16.408 min Scan# 2233
Delta R.T. -0.449 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:248 Resp: 13102
Ion Ratio Lower Upper
248 100
250 204.1 81.7 122.5#
141 487.4 53.7 80.5#

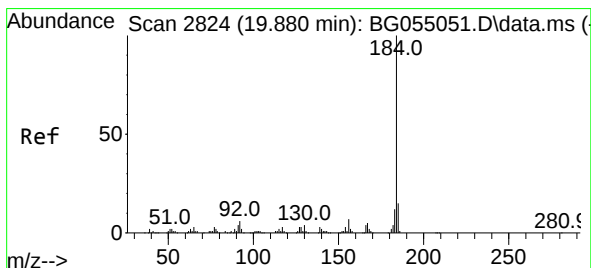
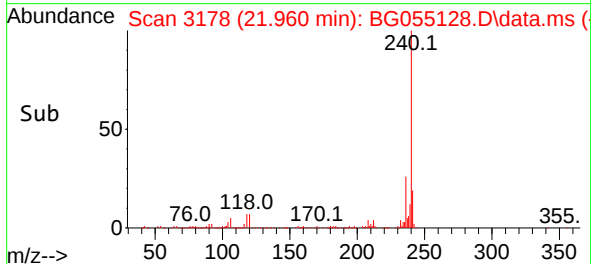
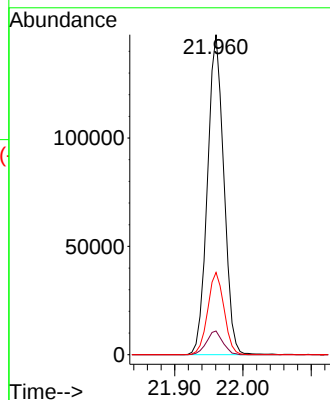
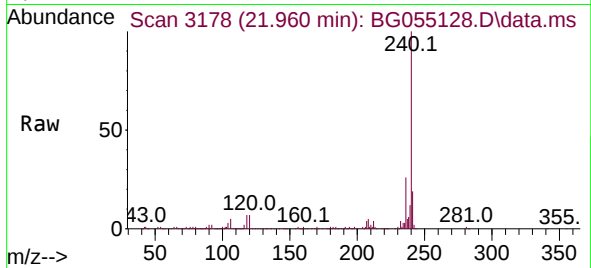




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3181
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

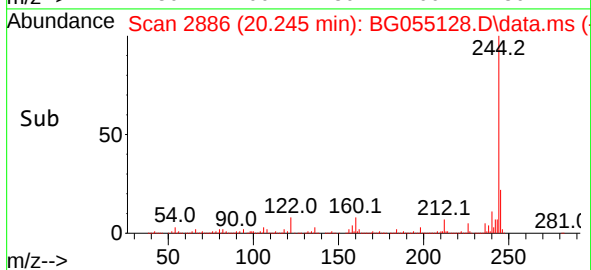
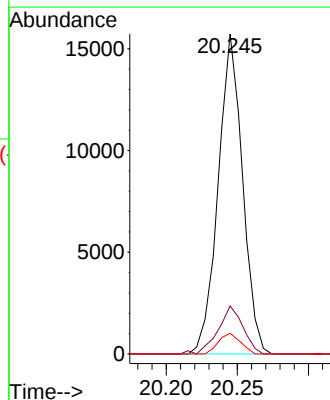
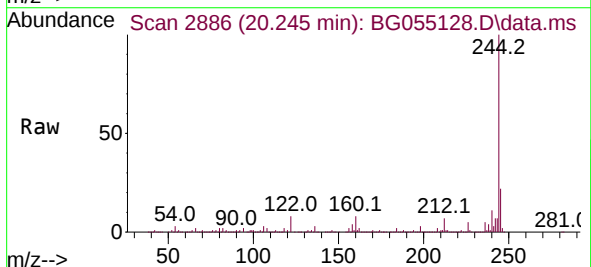
Instrument :
BNA_G
ClientSampleId :
C11(10-11)

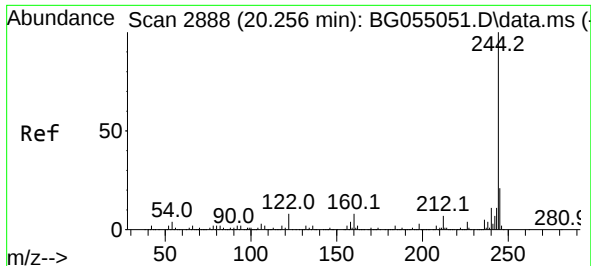
Tgt Ion:240 Resp: 246777
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 25.7 20.6 30.8



#77
Benzidine
Concen: 4.400 ng
RT: 20.245 min Scan# 2886
Delta R.T. 0.374 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Tgt Ion:184 Resp: 18706
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.4
183 6.4 9.4 14.0#

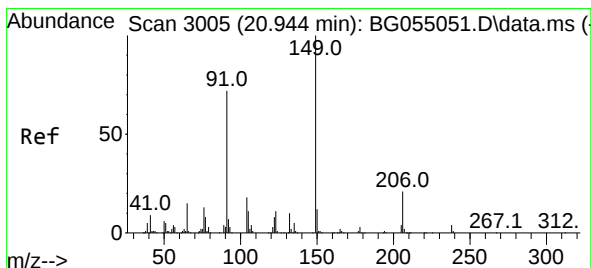
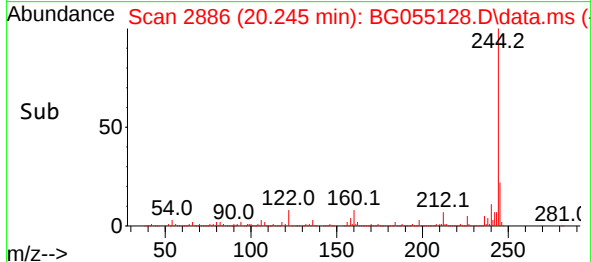
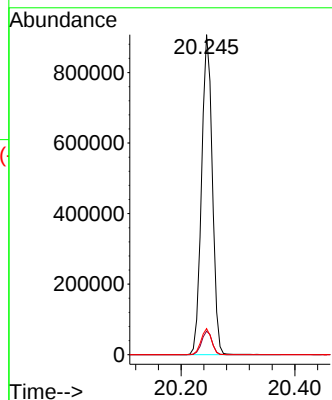
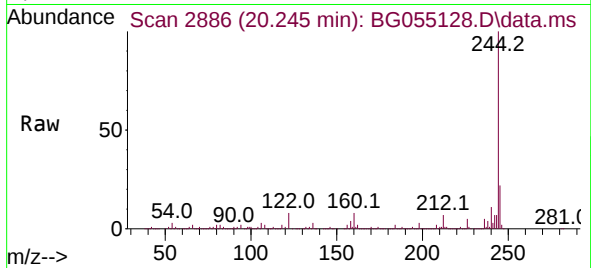




#79
 Terphenyl-d14
 Concen: 97.607 ng
 RT: 20.245 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

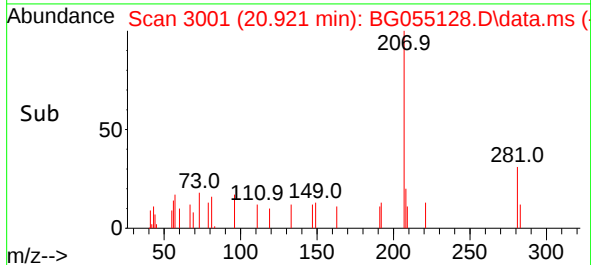
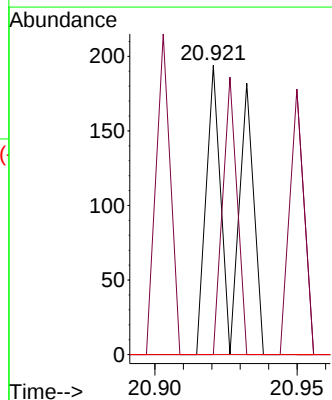
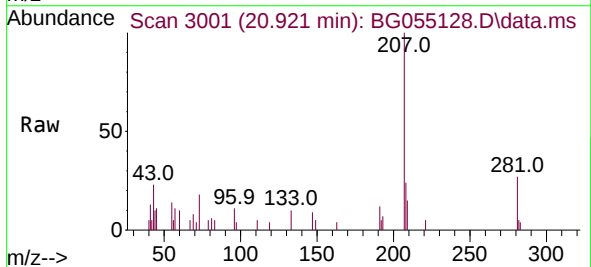
Instrument :
 BNA_G
 ClientSampleId :
 C11(10-11)

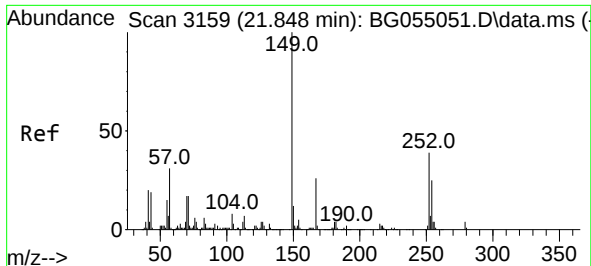
Tgt Ion:244 Resp: 1191736
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.2 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.862 ng
 RT: 20.921 min Scan# 3001
 Delta R.T. -0.014 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

Tgt Ion:149 Resp: 133
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

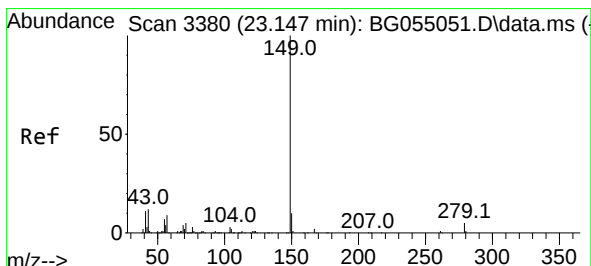
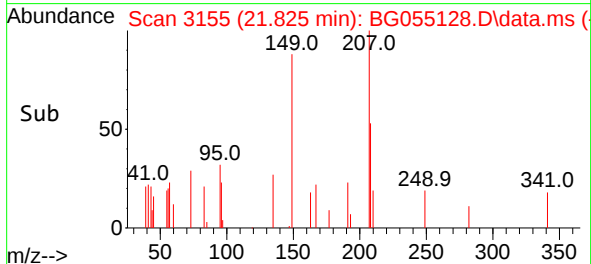
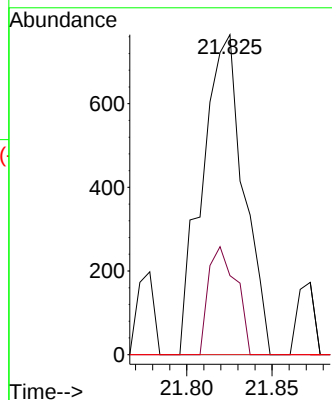
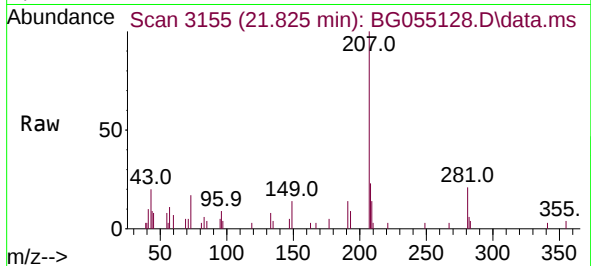




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.255 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. -0.008 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

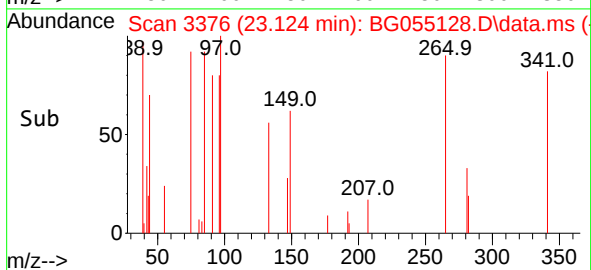
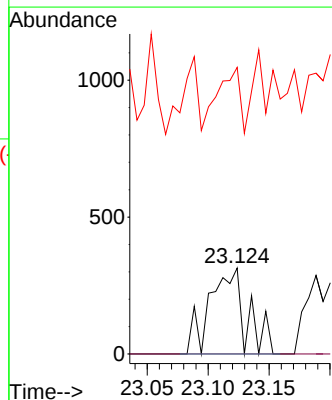
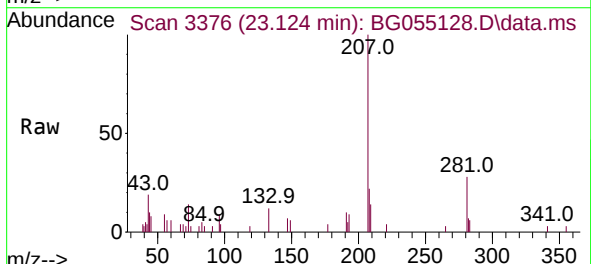
Instrument :
 BNA_G
 ClientSampleId :
 C11(10-11)

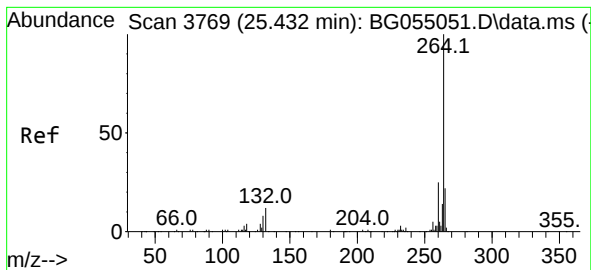
Tgt Ion:149 Resp: 1294
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.387 ng
 RT: 23.124 min Scan# 3376
 Delta R.T. -0.002 min
 Lab File: BG055128.D
 Acq: 11 Oct 2022 15:51

Tgt Ion:149 Resp: 650
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 41.1 10.2 15.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055128.D
Acq: 11 Oct 2022 15:51

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Tgt Ion:264 Resp: 255986

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	20.8	17.8	26.6

