

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051061.D
 Acq On : 16 Nov 2021 10:32
 Operator : CG/JU
 Sample : PB140766BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140766BL

Quant Time: Nov 16 11:45:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

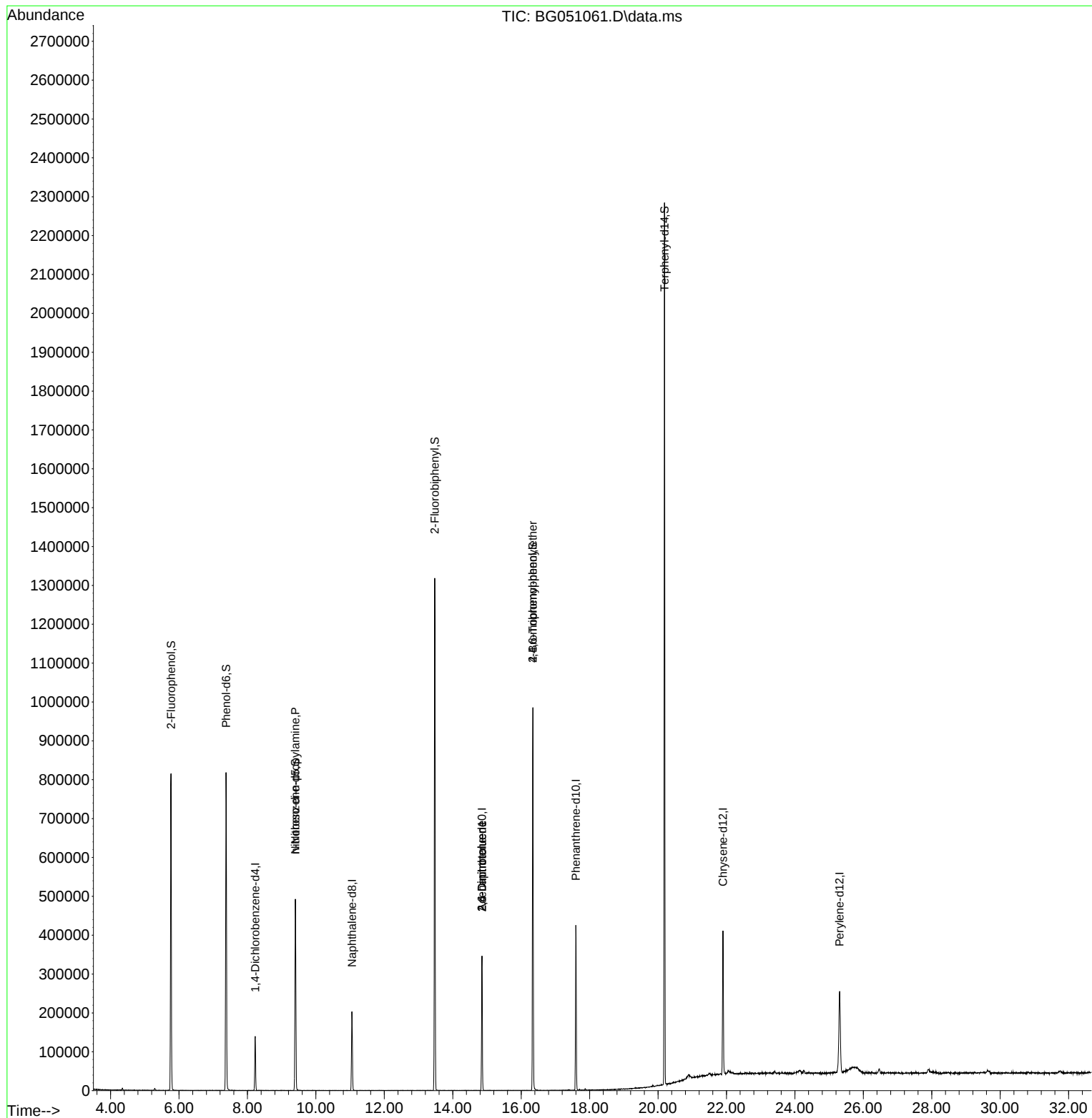
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	39222	20.000	ng	# 0.00
21) Naphthalene-d8	11.053	136	177212	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	122496	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	268474	20.000	ng	# 0.00
76) Chrysene-d12	21.899	240	225680	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	219359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	360036	137.316	ng	0.00
7) Phenol-d6	7.374	99	478021	129.168	ng	0.00
23) Nitrobenzene-d5	9.402	82	328872	82.150	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	158870	129.600	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	664657	85.732	ng	0.00
79) Terphenyl-d14	20.189	244	1010273	81.912	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.402	70	44675	16.336	ng	# 69
51) 2,6-Dinitrotoluene	14.854	165	16107	8.120	ng	# 10
57) 2,4-Dinitrotoluene	14.854	165	16107	5.723	ng	# 15
67) 4-Bromophenyl-phenylether	16.340	248	12347	4.391	ng	# 1

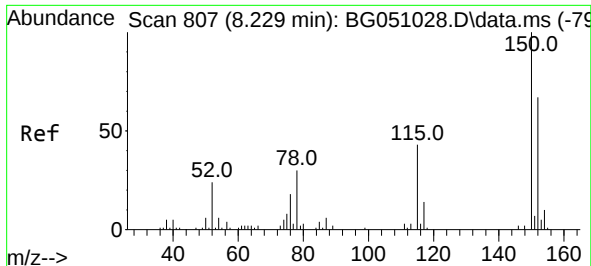
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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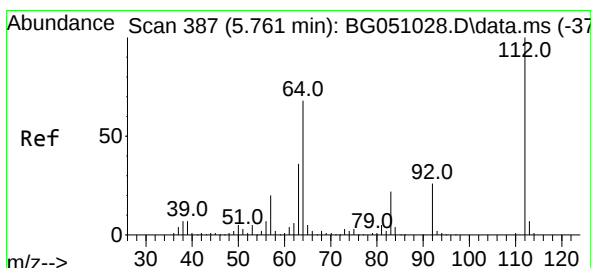
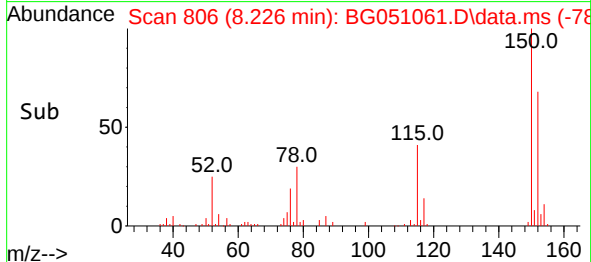
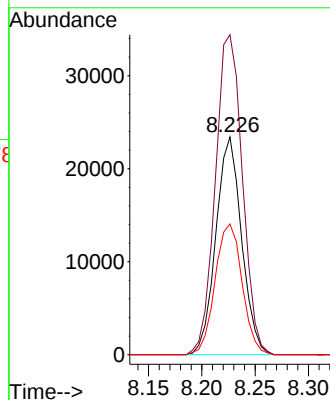
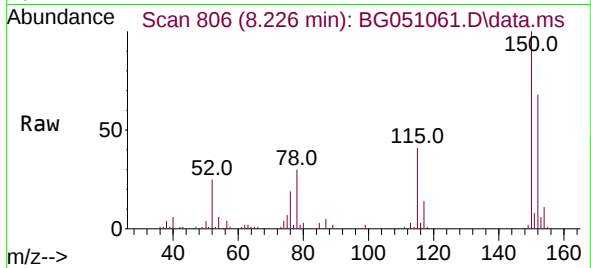




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.226 min Scan# 807
 Delta R.T. -0.003 min
 Lab File: BG051061.D
 Acq: 16 Nov 2021 10:32

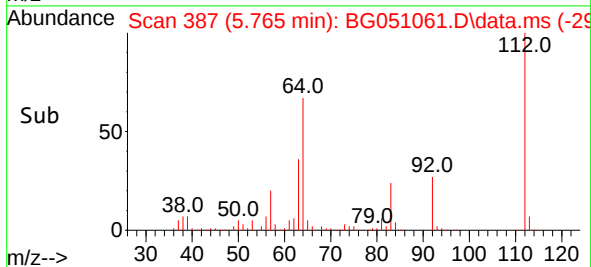
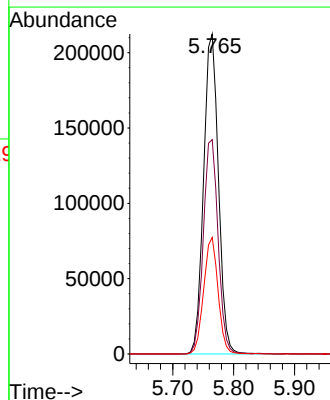
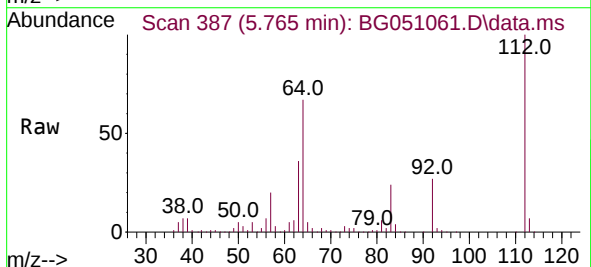
Instrument :
 BNA_G
 ClientSampleId :
 PB140766BL

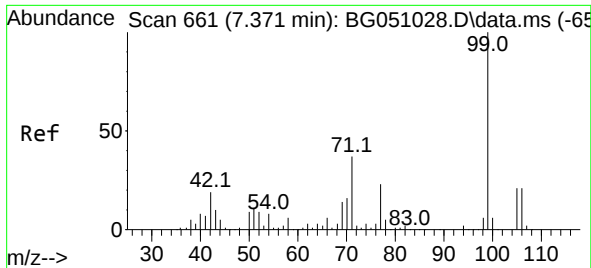
Tgt Ion:152 Resp: 39222
 Ion Ratio Lower Upper
 152 100
 150 147.0 119.4 179.0
 115 60.1 60.2 90.4#



#5
 2-Fluorophenol
 Concen: 137.316 ng
 RT: 5.765 min Scan# 387
 Delta R.T. 0.004 min
 Lab File: BG051061.D
 Acq: 16 Nov 2021 10:32

Tgt Ion:112 Resp: 360036
 Ion Ratio Lower Upper
 112 100
 64 67.0 46.7 70.1
 63 36.4 35.3 52.9

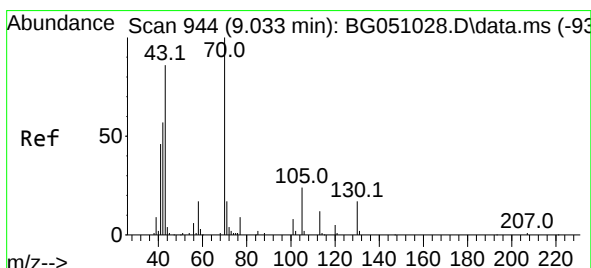
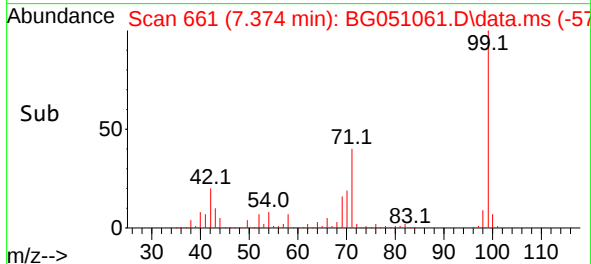
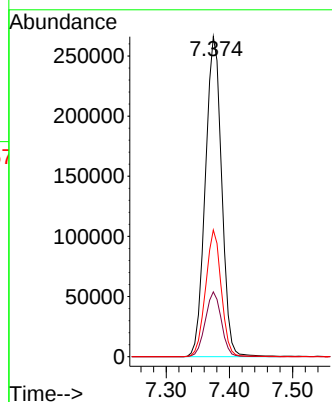
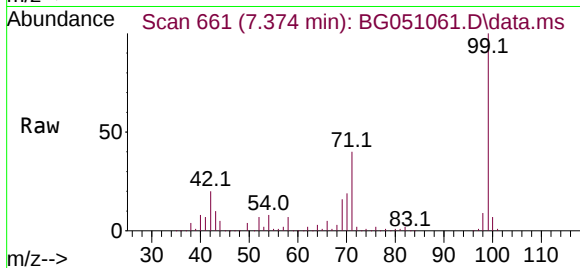




#7
Phenol-d6
Concen: 129.168 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

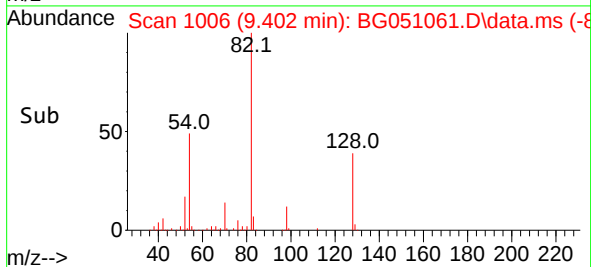
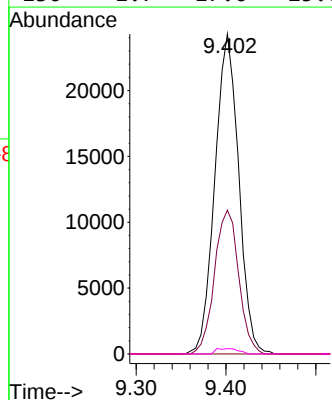
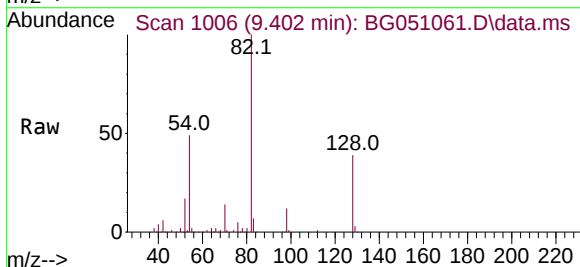
Instrument :
BNA_G
ClientSampleId :
PB140766BL

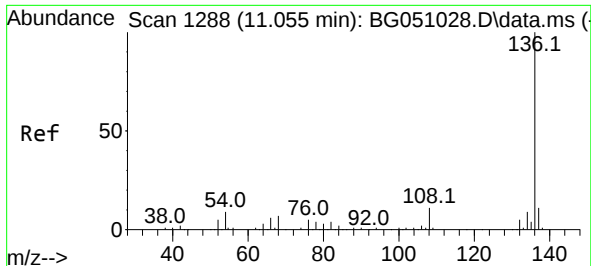
Tgt Ion: 99 Resp: 478021
Ion Ratio Lower Upper
99 100
42 20.3 20.5 30.7#
71 39.6 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.336 ng
RT: 9.402 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

Tgt Ion: 70 Resp: 44675
Ion Ratio Lower Upper
70 100
42 45.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

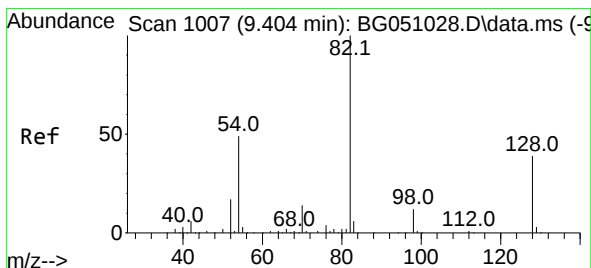
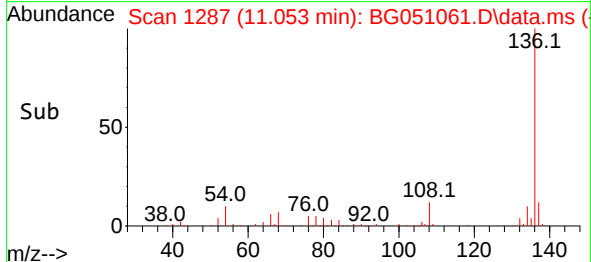
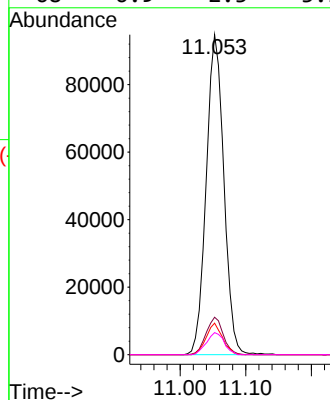
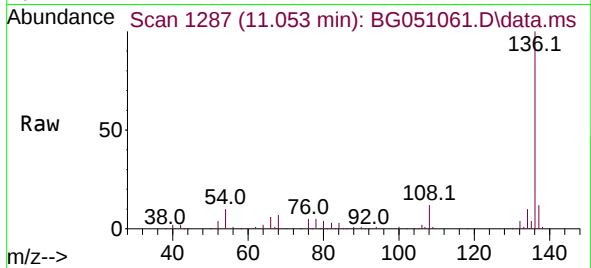




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1106
Delta R.T. -0.002 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

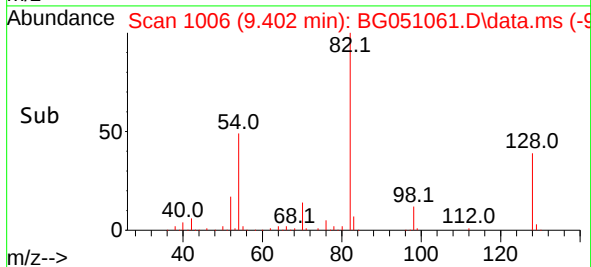
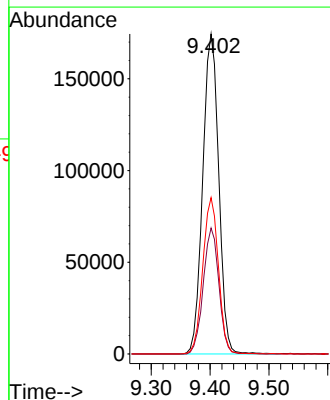
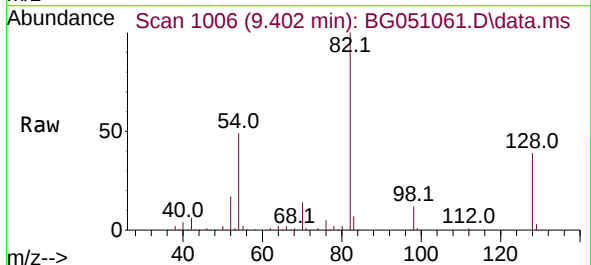
Instrument :
BNA_G
ClientSampleId :
PB140766BL

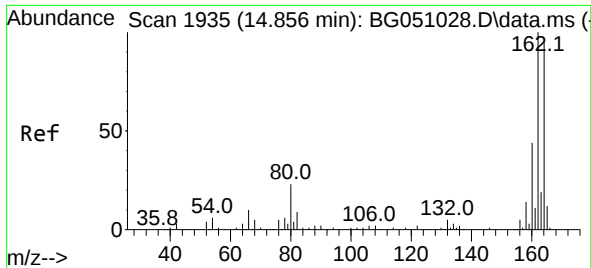
Tgt Ion:136 Resp: 177212
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 9.8 5.5 8.3#
68 6.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.150 ng
RT: 9.402 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

Tgt Ion: 82 Resp: 328872
Ion Ratio Lower Upper
82 100
128 39.4 29.8 44.6
54 48.8 45.8 68.8

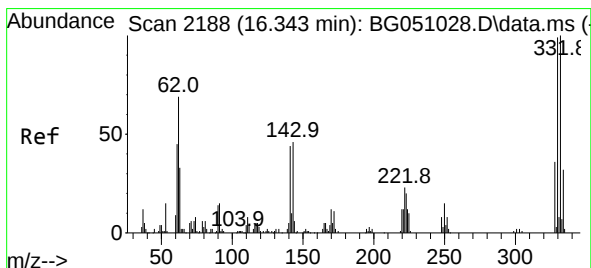
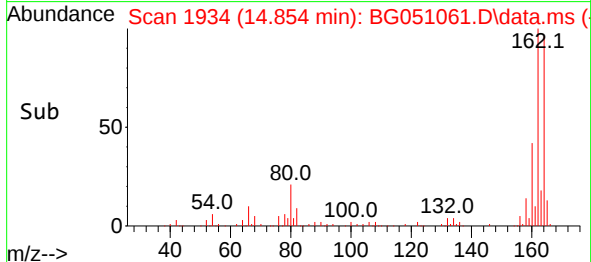
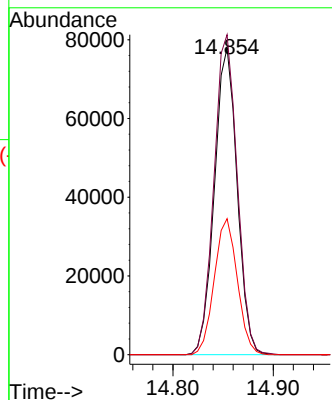
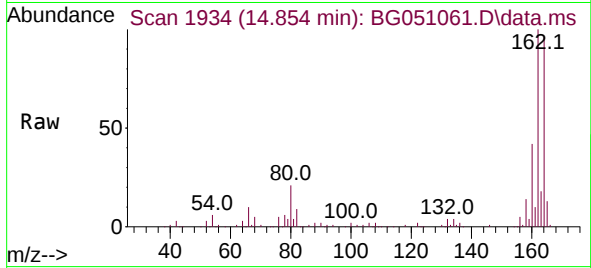




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

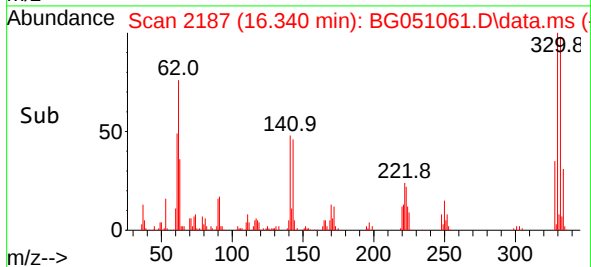
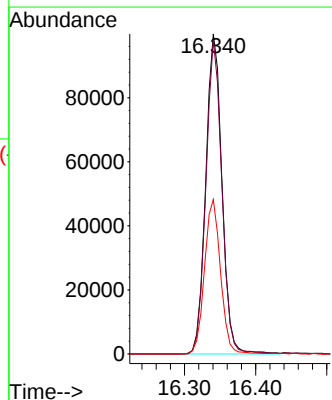
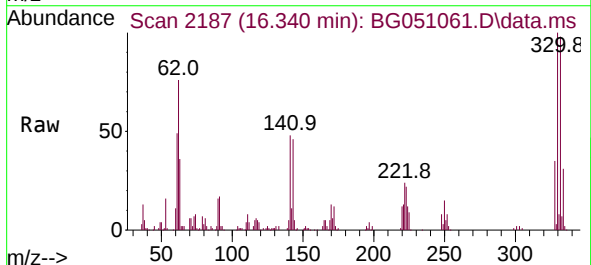
Instrument :
BNA_G
ClientSampleId :
PB140766BL

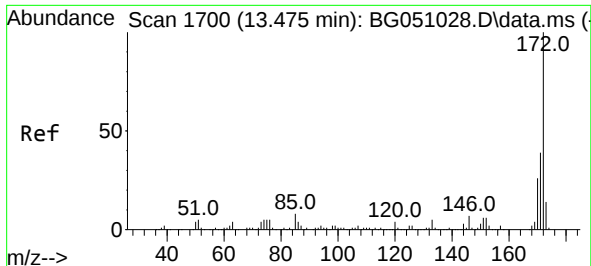
Tgt Ion:164 Resp: 122496
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 129.600 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

Tgt Ion:330 Resp: 158870
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 47.6 35.6 53.4

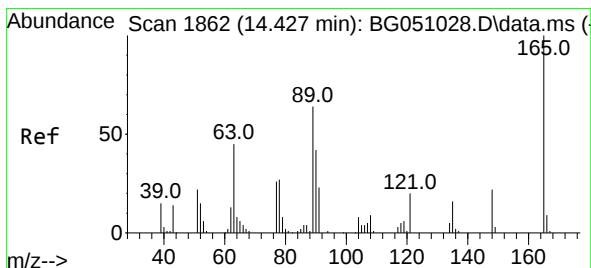
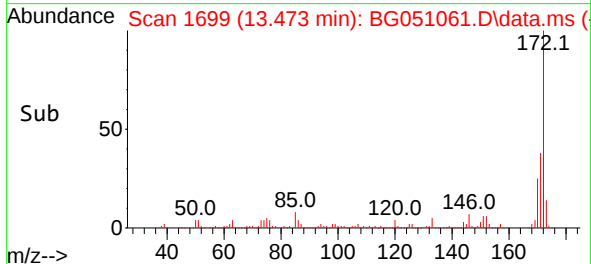
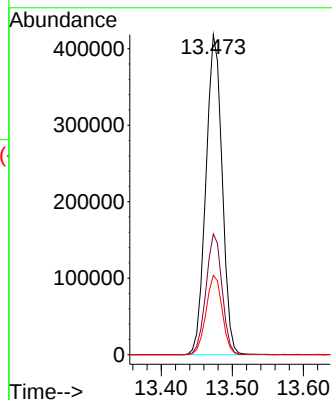
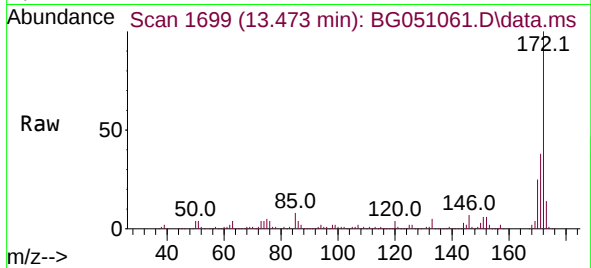




#45
2-Fluorobiphenyl
Concen: 85.732 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

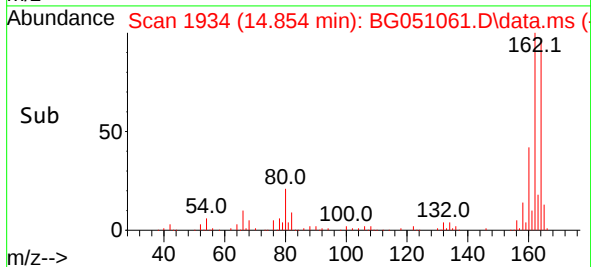
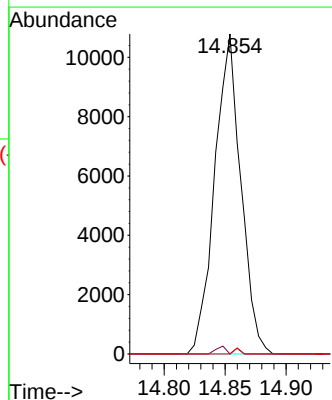
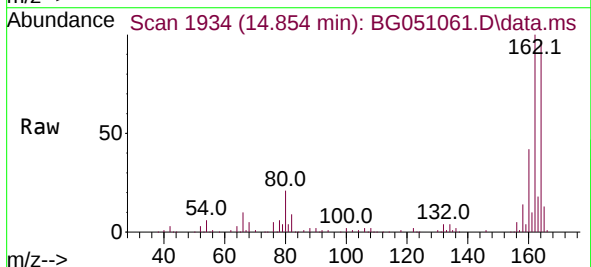
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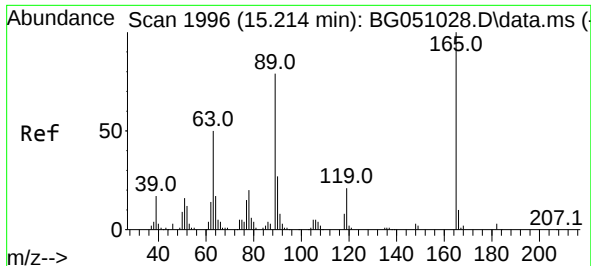
Tgt Ion:172 Resp: 664657
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 14.854 min Scan# 1934
Delta R.T. 0.427 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

Tgt Ion:165 Resp: 16107
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.723 ng

RT: 14.854 min Scan# 1996

Delta R.T. -0.360 min

Lab File: BG051061.D

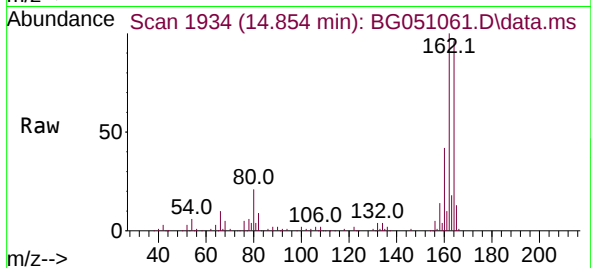
Acq: 16 Nov 2021 10:32

Instrument :

BNA_G

ClientSampleId :

PB140766BL



Tgt Ion:165 Resp: 16107

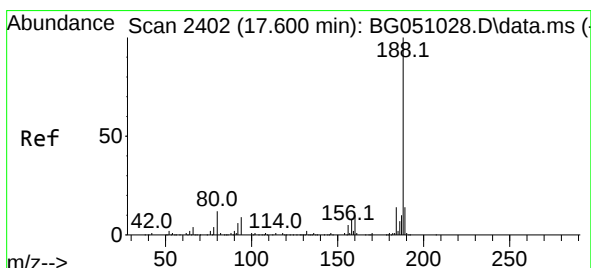
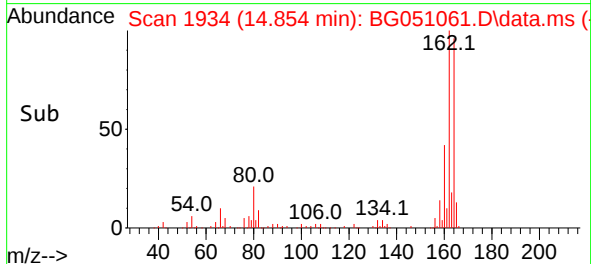
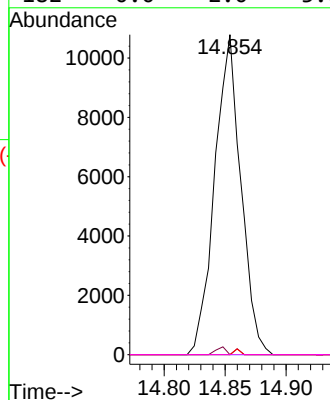
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.598 min Scan# 2401

Delta R.T. -0.002 min

Lab File: BG051061.D

Acq: 16 Nov 2021 10:32

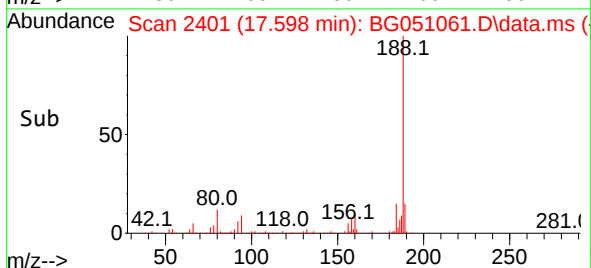
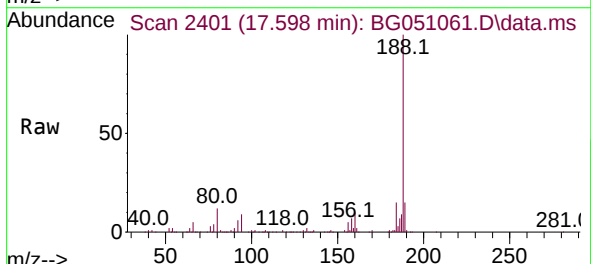
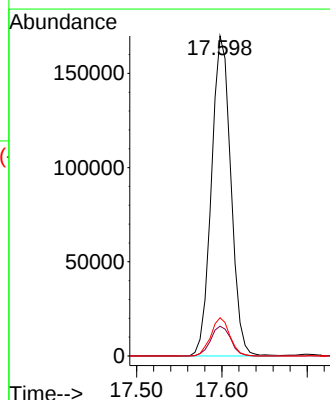
Tgt Ion:188 Resp: 268474

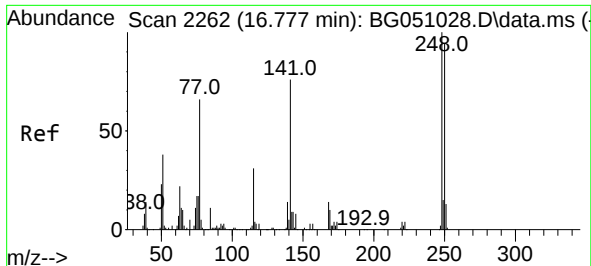
Ion Ratio Lower Upper

188 100

94 9.3 5.4 8.0#

80 12.0 3.7 5.5#

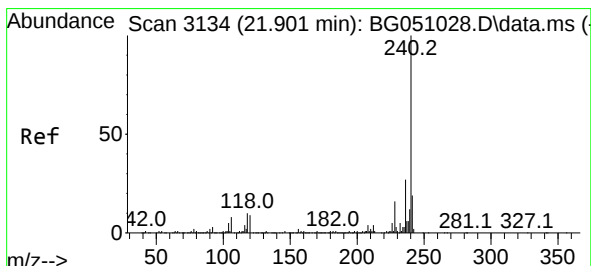
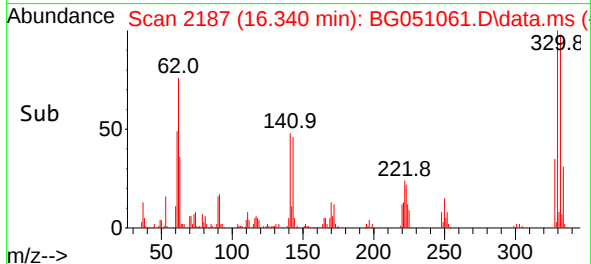
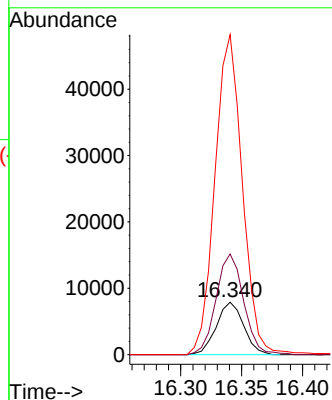
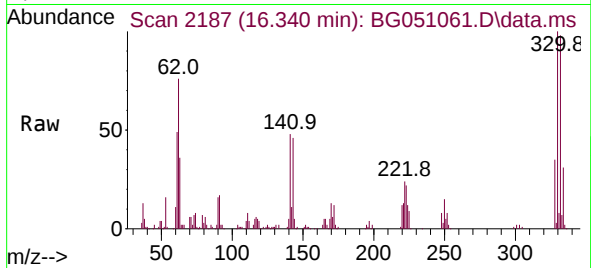




#67
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.437 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

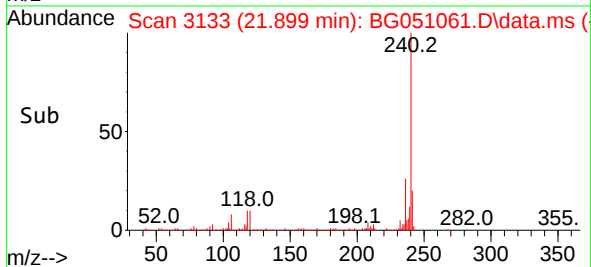
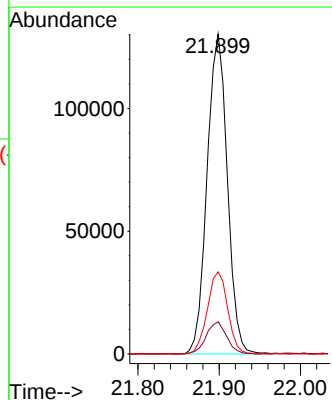
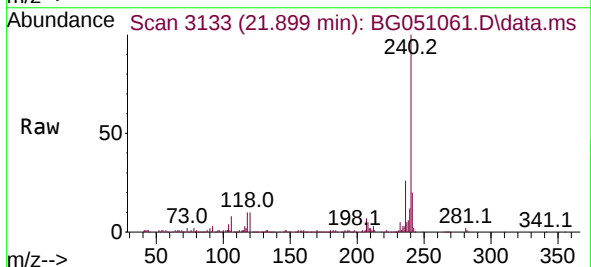
Instrument :
BNA_G
ClientSampleId :
PB140766BL

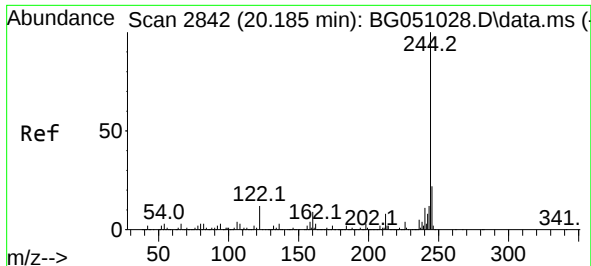
Tgt Ion:248 Resp: 12347
Ion Ratio Lower Upper
248 100
250 191.9 76.1 114.1#
141 609.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.899 min Scan# 3133
Delta R.T. -0.002 min
Lab File: BG051061.D
Acq: 16 Nov 2021 10:32

Tgt Ion:240 Resp: 225680
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 25.6 21.8 32.6

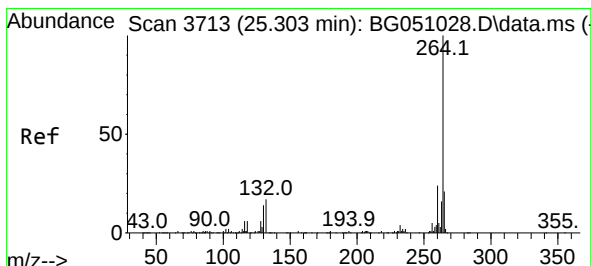
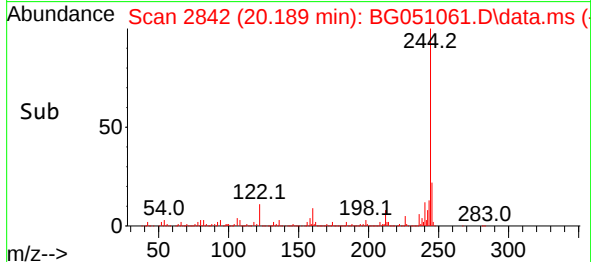
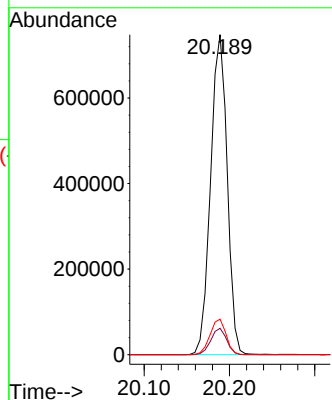
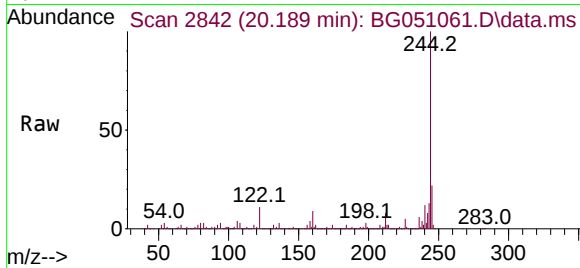




#79
 Terphenyl-d14
 Concen: 81.912 ng
 RT: 20.189 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG051061.D
 Acq: 16 Nov 2021 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB140766BL

Tgt Ion:244 Resp: 1010273
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.306 min Scan# 3713
 Delta R.T. 0.004 min
 Lab File: BG051061.D
 Acq: 16 Nov 2021 10:32

Tgt Ion:264 Resp: 219359
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 16.9 25.3

