

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051069.D
 Acq On : 16 Nov 2021 16:27
 Operator : CG/JU
 Sample : PB140805BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140805BL

Quant Time: Nov 16 17:16:17 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)

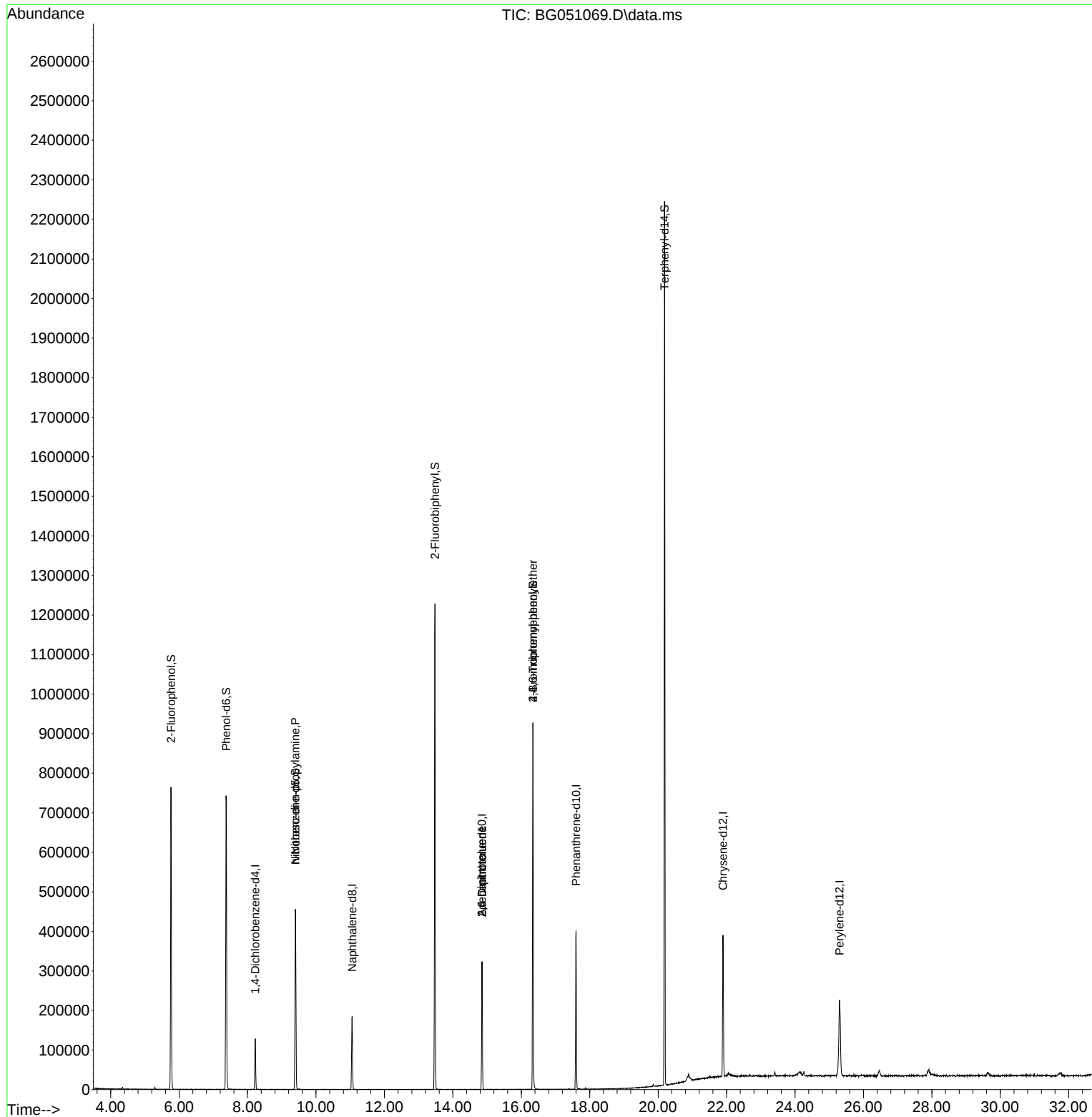
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	35123	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	162225	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	114434	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	258874	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	218904	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	210695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	329054	140.146	ng	0.00
7) Phenol-d6	7.371	99	437462	132.004	ng	0.00
23) Nitrobenzene-d5	9.398	82	304393	83.060	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	154773	135.153	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	625042	86.302	ng	0.00
79) Terphenyl-d14	20.186	244	994127	83.097	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.398	70	41971	17.138	ng	# 65
51) 2,6-Dinitrotoluene	14.851	165	14763	7.967	ng	# 11
57) 2,4-Dinitrotoluene	14.851	165	14763	5.615	ng	# 16
67) 4-Bromophenyl-phenylether	16.343	248	11810	4.355	ng	# 1

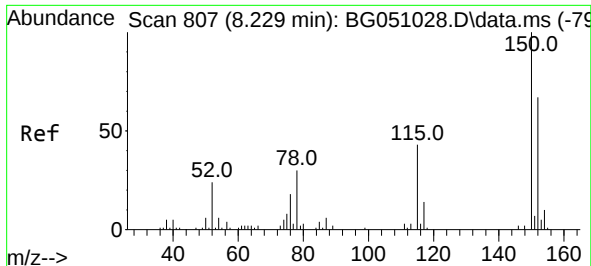
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051069.D
Acq On : 16 Nov 2021 16:27
Operator : CG/JU
Sample : PB140805BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140805BL

Quant Time: Nov 16 17:16:17 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

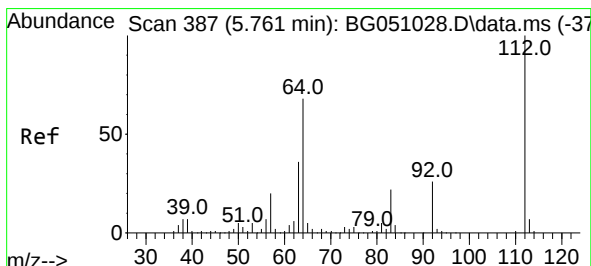
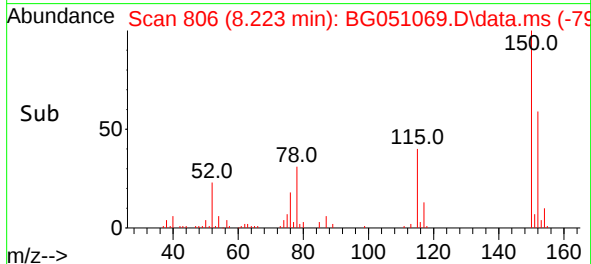
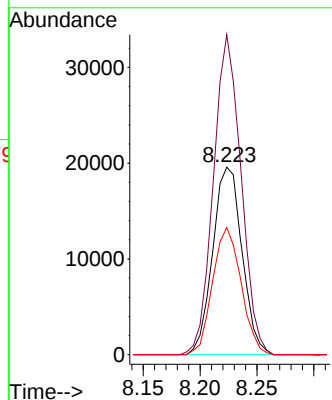
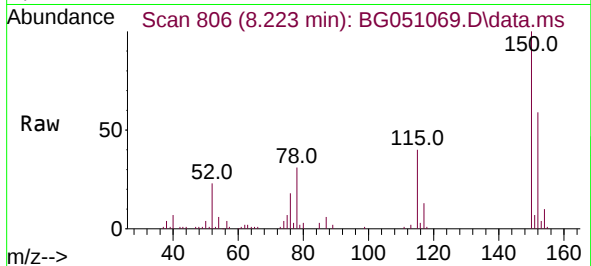




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

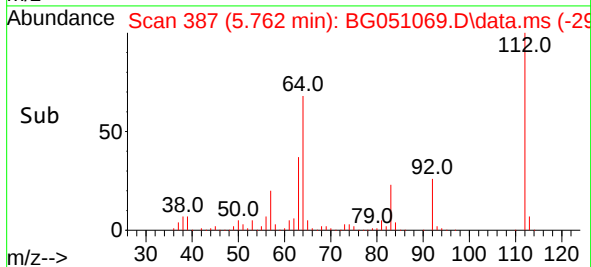
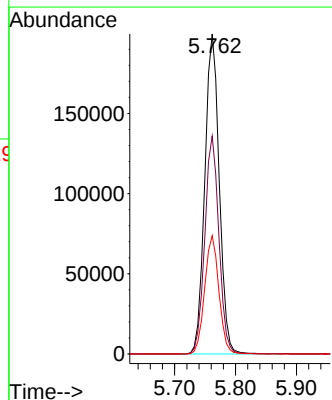
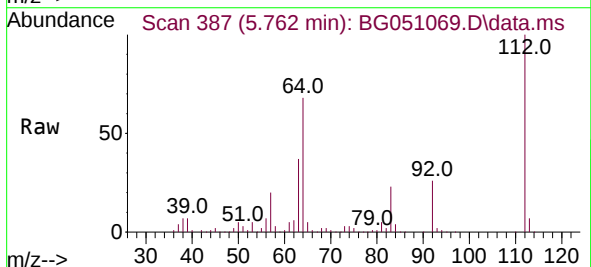
Instrument :
BNA_G
ClientSampleId :
PB140805BL

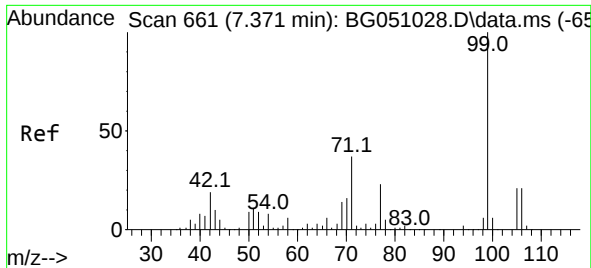
Tgt Ion:152 Resp: 35123
Ion Ratio Lower Upper
152 100
150 170.7 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 140.146 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Tgt Ion:112 Resp: 329054
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 37.0 35.3 52.9

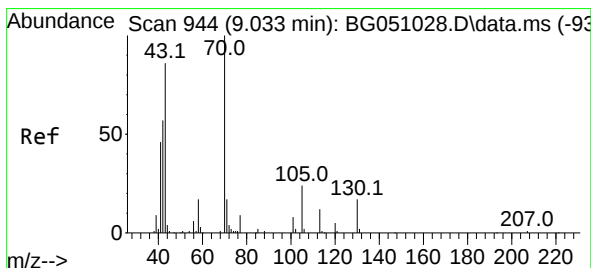
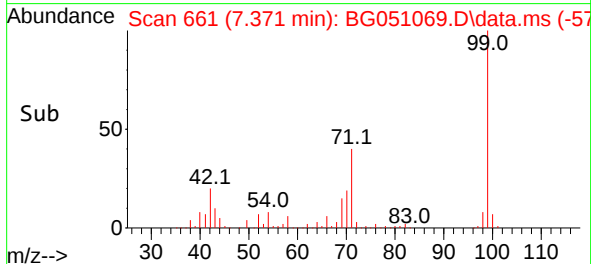
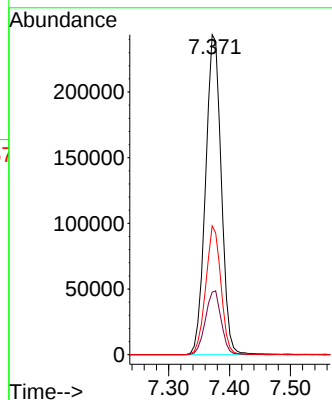
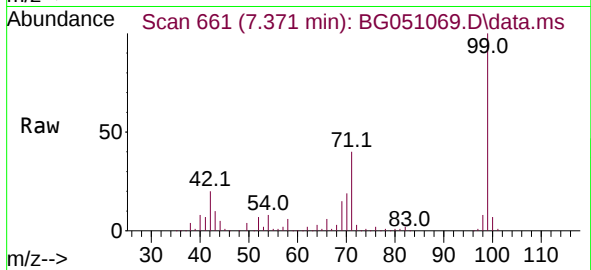




#7
Phenol-d6
Concen: 132.004 ng
RT: 7.371 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

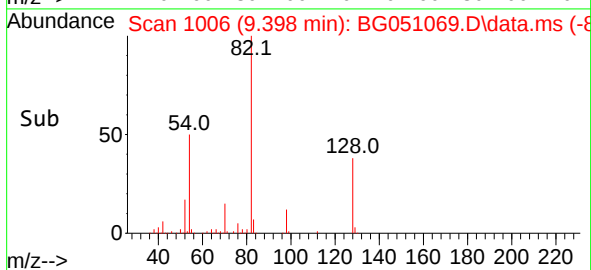
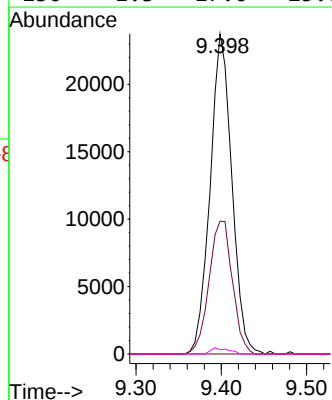
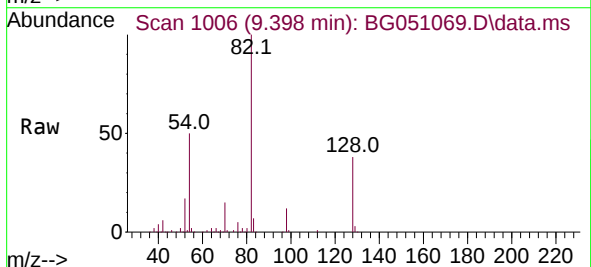
Instrument :
BNA_G
ClientSampleId :
PB140805BL

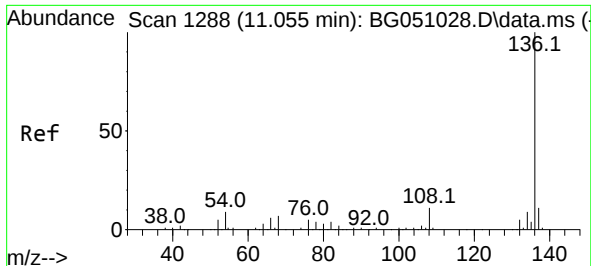
Tgt Ion: 99 Resp: 437462
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 40.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.138 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Tgt Ion: 70 Resp: 41971
Ion Ratio Lower Upper
70 100
42 41.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

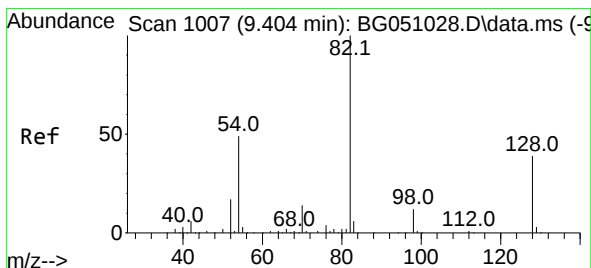
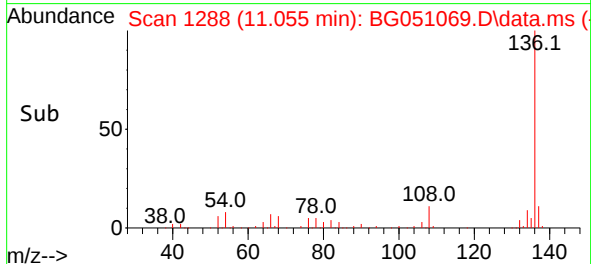
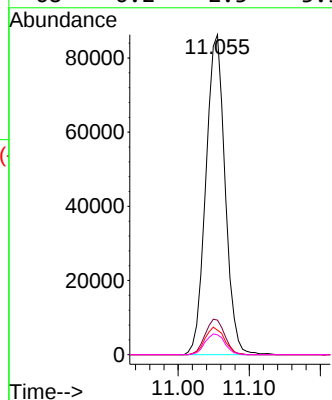
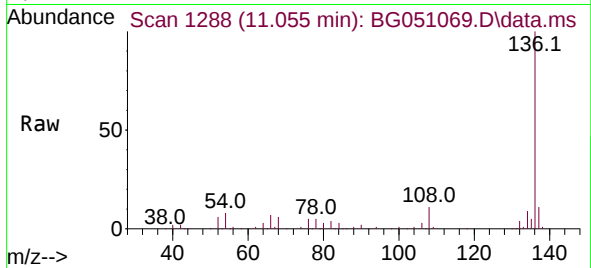




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1106
Delta R.T. 0.001 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

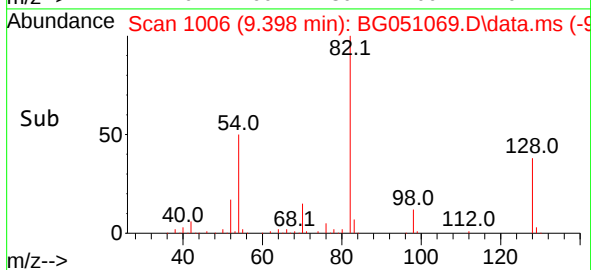
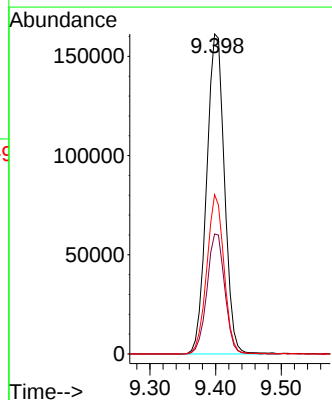
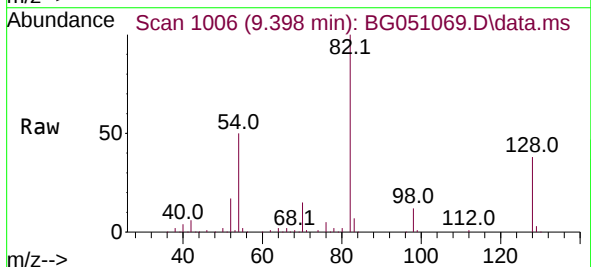
Instrument :
BNA_G
ClientSampleId :
PB140805BL

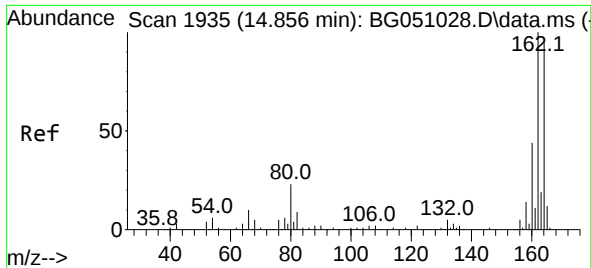
Tgt Ion:136 Resp: 162225
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.7 5.5 8.3
68 6.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 83.060 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

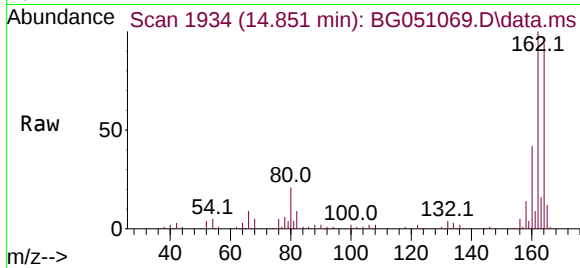
Tgt Ion: 82 Resp: 304393
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 49.8 45.8 68.8



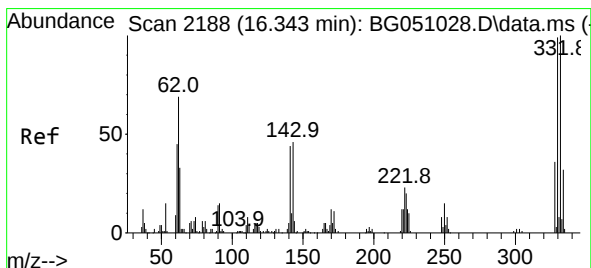
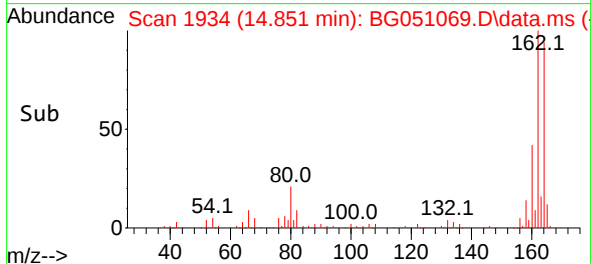
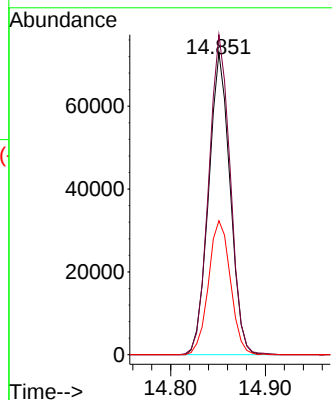


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Instrument :
BNA_G
ClientSampleId :
PB140805BL

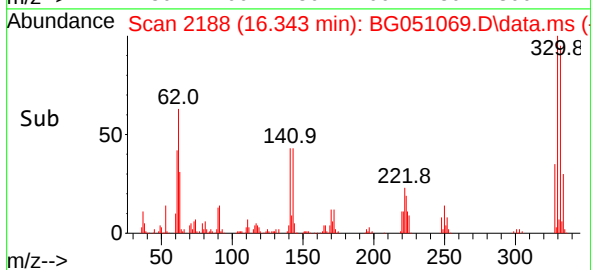
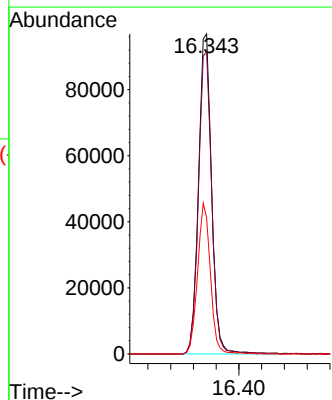
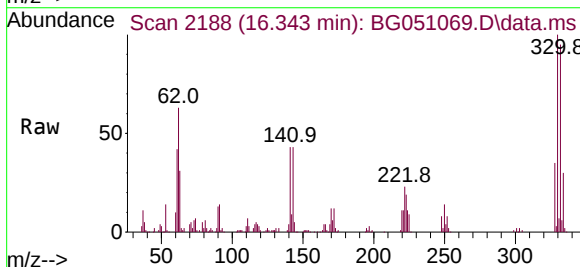


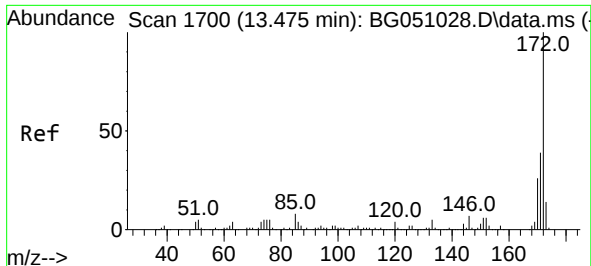
Tgt Ion:164 Resp: 114434
Ion Ratio Lower Upper
164 100
162 106.0 81.4 122.0
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 135.153 ng
RT: 16.343 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Tgt Ion:330 Resp: 154773
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 46.3 35.6 53.4

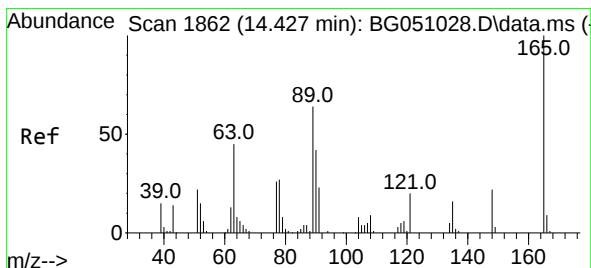
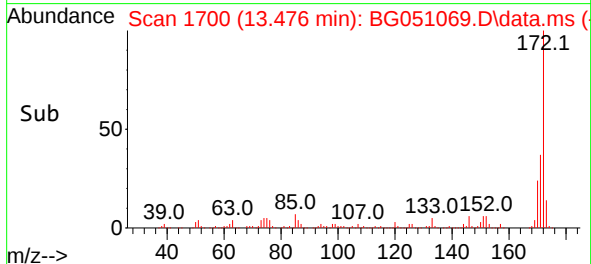
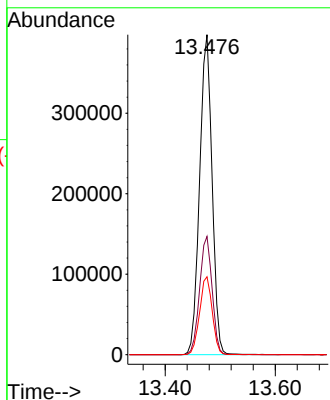
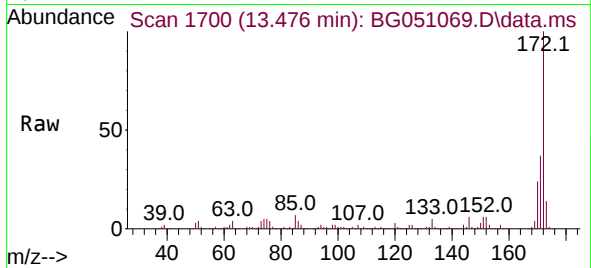




#45
2-Fluorobiphenyl
Concen: 86.302 ng
RT: 13.476 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

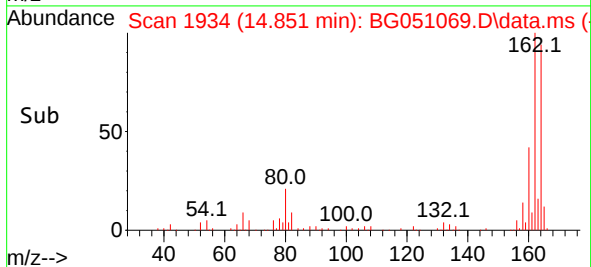
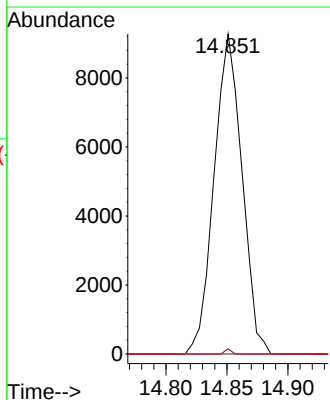
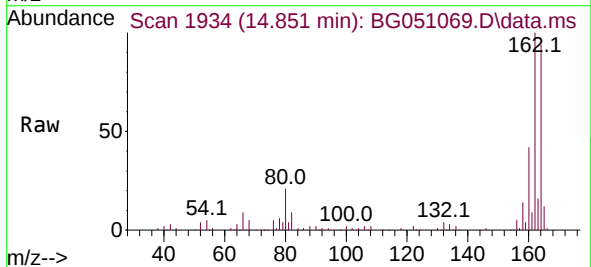
Instrument :
BNA_G
ClientSampleId :
PB140805BL

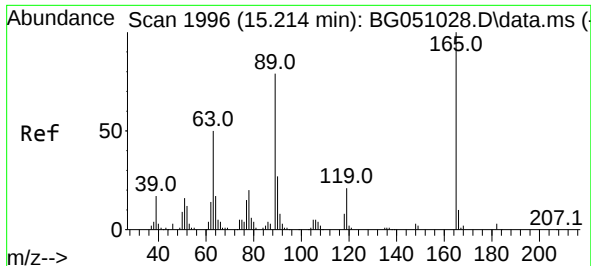
Tgt Ion:172 Resp: 625042
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.967 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Tgt Ion:165 Resp: 14763
Ion Ratio Lower Upper
165 100
63 1.6 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.615 ng

RT: 14.851 min Scan# 1996

Delta R.T. -0.364 min

Lab File: BG051069.D

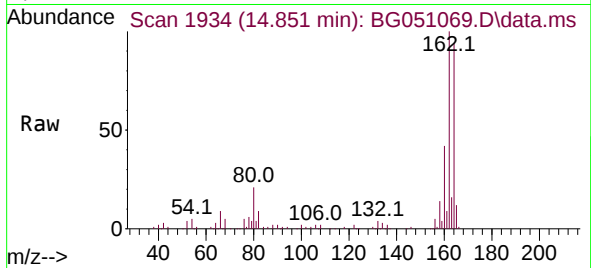
Acq: 16 Nov 2021 16:27

Instrument :

BNA_G

ClientSampleId :

PB140805BL



Tgt Ion:165 Resp: 14763

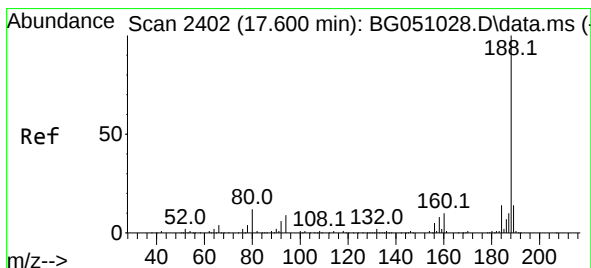
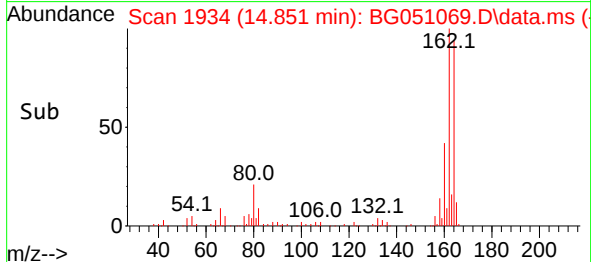
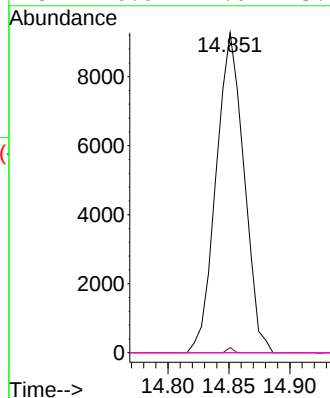
Ion Ratio Lower Upper

165 100

63 1.6 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: 17.601 min Scan# 2402

Delta R.T. 0.001 min

Lab File: BG051069.D

Acq: 16 Nov 2021 16:27

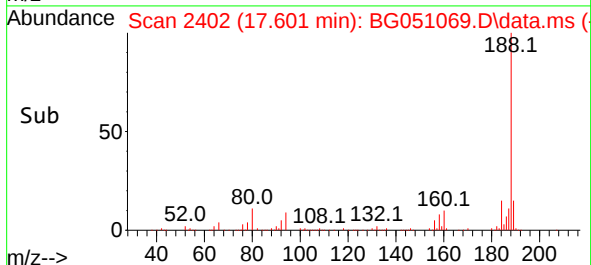
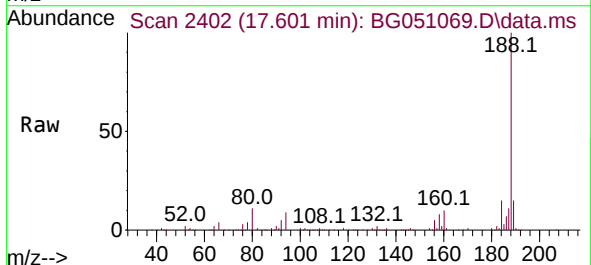
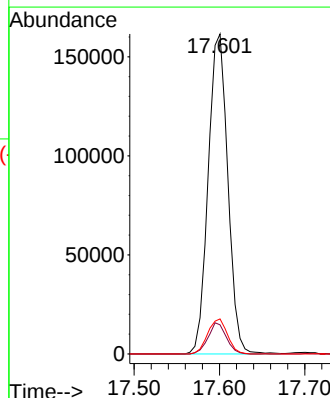
Tgt Ion:188 Resp: 258874

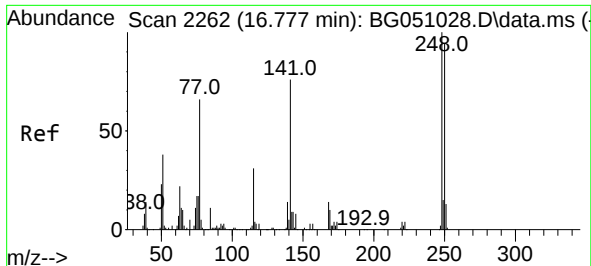
Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

80 10.9 3.7 5.5#

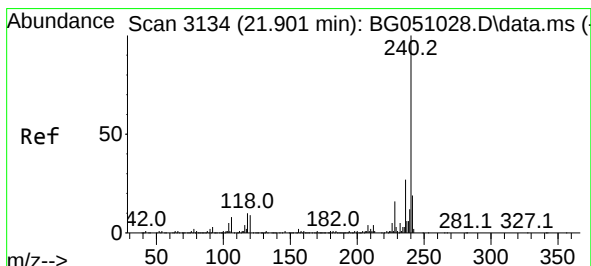
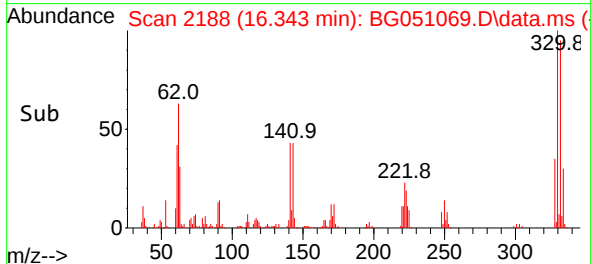
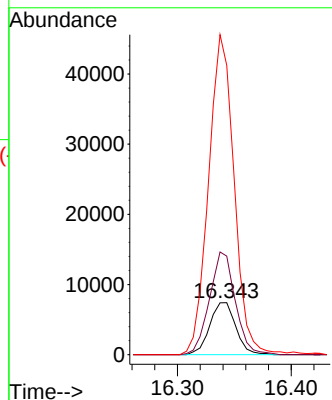
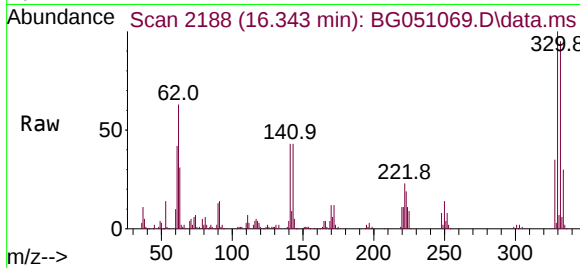




#67
4-Bromophenyl-phenylether
Concen: 4.355 ng
RT: 16.343 min Scan# 2188
Delta R.T. -0.434 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

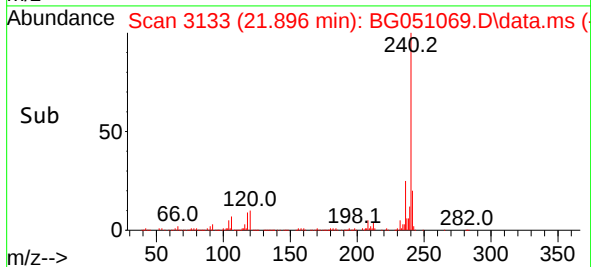
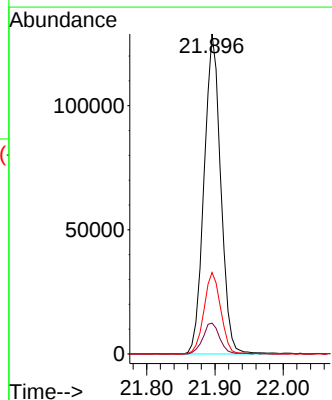
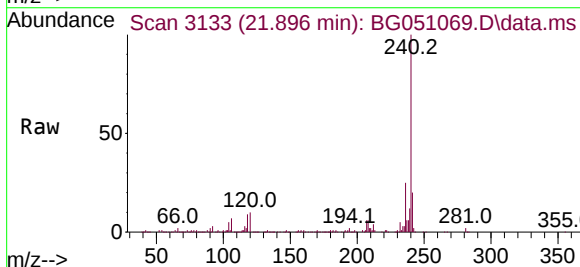
Instrument :
BNA_G
ClientSampleId :
PB140805BL

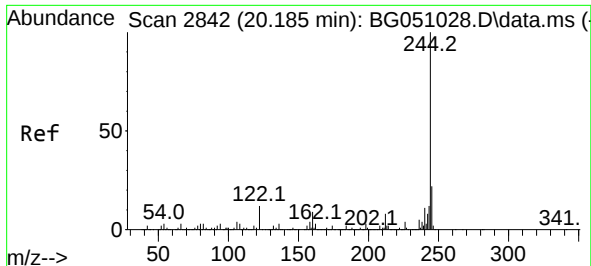
Tgt Ion:248 Resp: 11810
Ion Ratio Lower Upper
248 100
250 189.5 76.1 114.1#
141 556.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051069.D
Acq: 16 Nov 2021 16:27

Tgt Ion:240 Resp: 218904
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.4 21.8 32.6

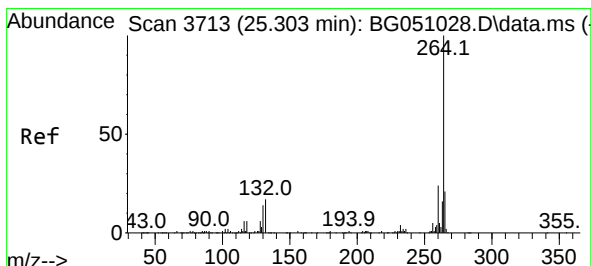
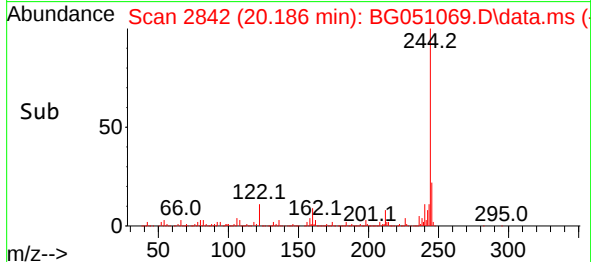
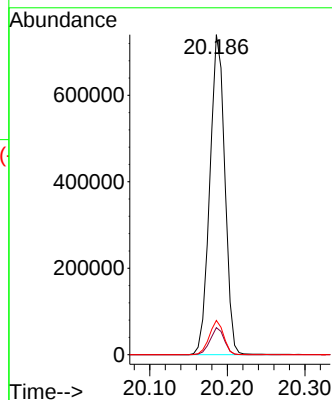
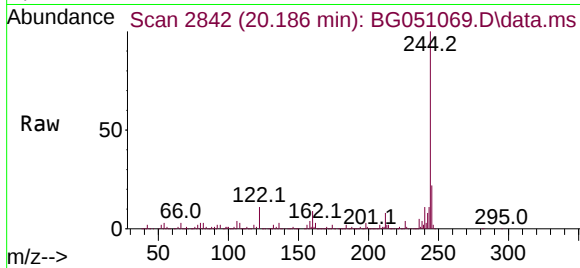




#79
 Terphenyl-d14
 Concen: 83.097 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051069.D
 Acq: 16 Nov 2021 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB140805BL

Tgt Ion:244 Resp: 994127
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 10.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.303 min Scan# 3713
 Delta R.T. 0.001 min
 Lab File: BG051069.D
 Acq: 16 Nov 2021 16:27

Tgt Ion:264 Resp: 210695
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.3 16.9 25.3

