

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055688.D
 Acq On : 18 Nov 2022 13:01
 Operator : CG/JU
 Sample : N5607-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38

Quant Time: Nov 18 23:55:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

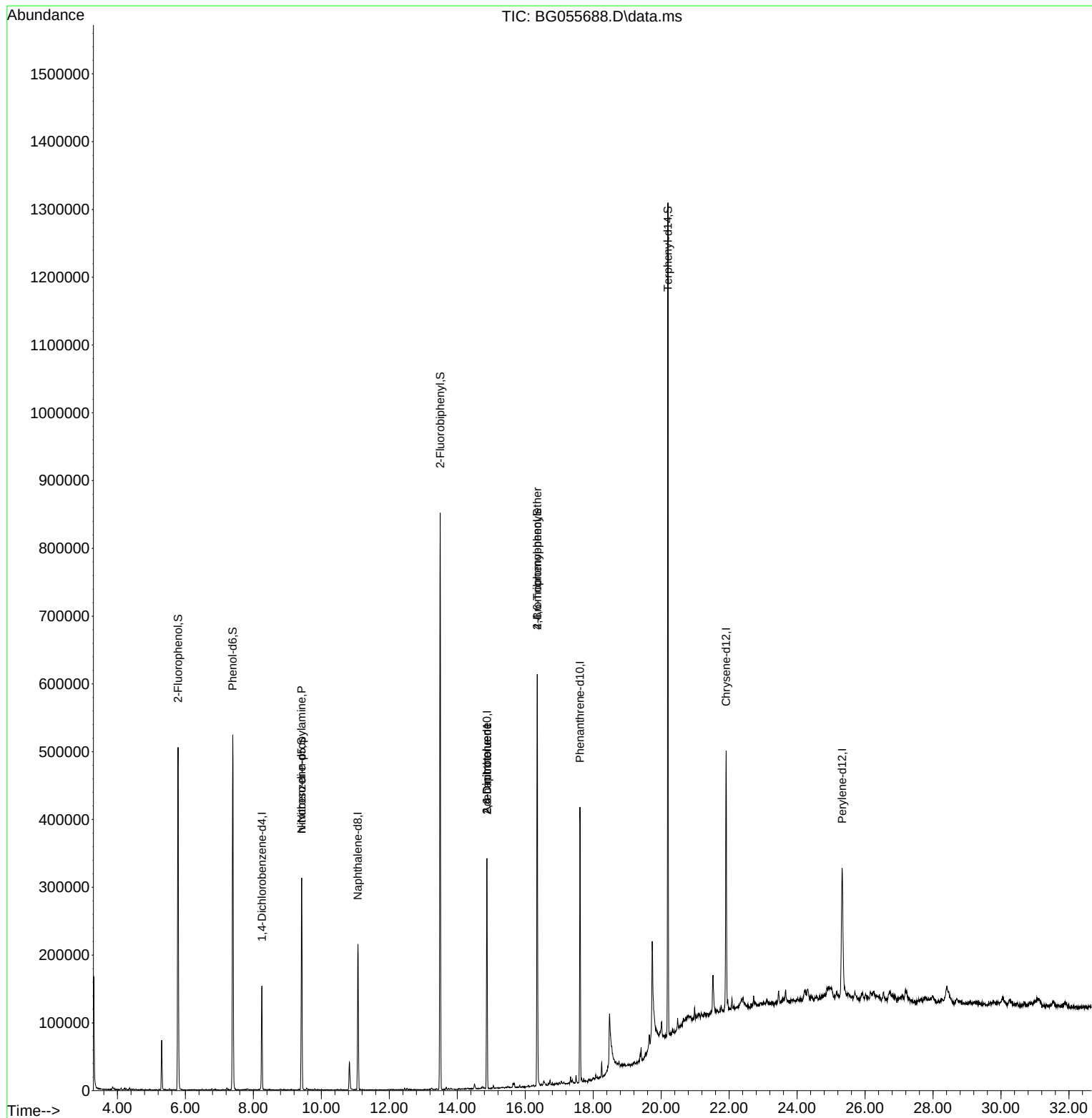
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	46172	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	183789	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	121624	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	262642	20.000	ng	0.00
76) Chrysene-d12	21.912	240	243909	20.000	ng	0.00
86) Perylene-d12	25.326	264	249054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	231228	90.520	ng	0.00
7) Phenol-d6	7.394	99	294061	86.479	ng	0.00
23) Nitrobenzene-d5	9.421	82	180762	51.984	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	132686	77.475	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	442398	54.493	ng	0.00
79) Terphenyl-d14	20.203	244	649850	53.290	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.421	70	25197	9.644	ng	# 75
51) 2,6-Dinitrotoluene	14.874	165	16055	8.099	ng	# 26
57) 2,4-Dinitrotoluene	14.874	165	16055	5.744	ng	# 24
67) 4-Bromophenyl-phenylether	16.354	248	8599	2.874	ng	# 1

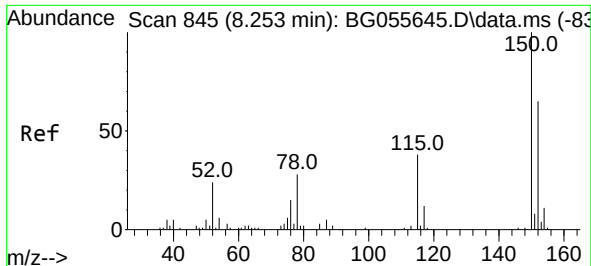
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055688.D
Acq On : 18 Nov 2022 13:01
Operator : CG/JU
Sample : N5607-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-38

Quant Time: Nov 18 23:55:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

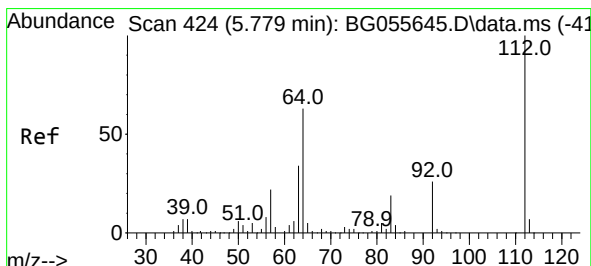
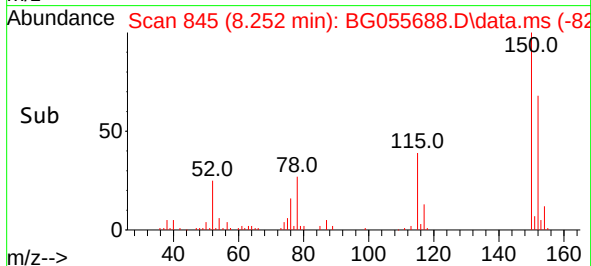
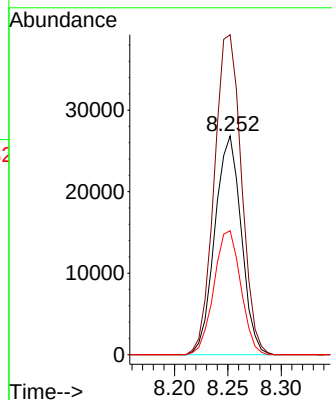
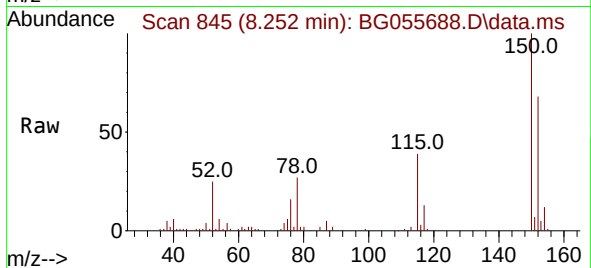




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.252 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG055688.D
 Acq: 18 Nov 2022 13:01

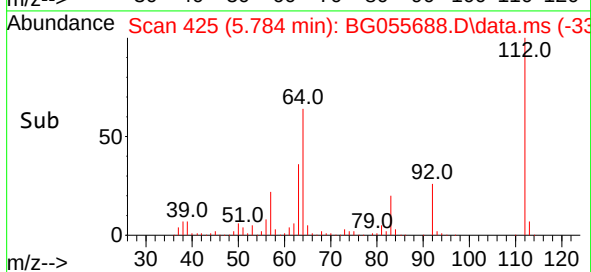
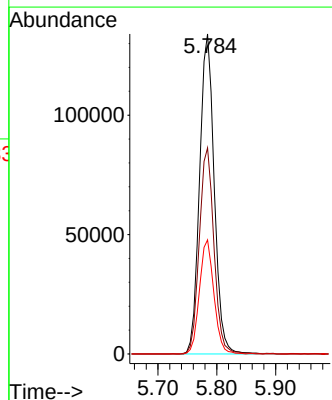
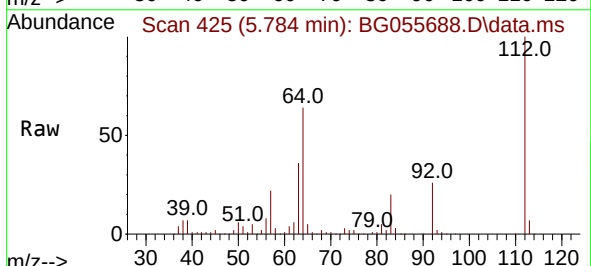
Instrument :
 BNA_G
 ClientSampleId :
 SB-38

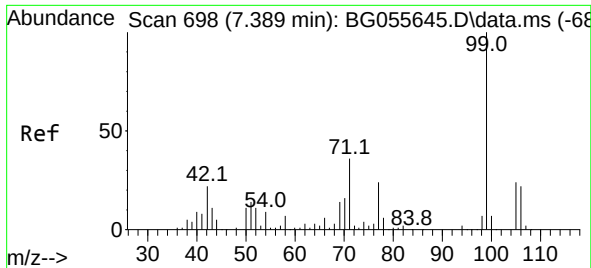
Tgt Ion:152 Resp: 46172
 Ion Ratio Lower Upper
 152 100
 150 146.3 123.0 184.6
 115 56.7 47.0 70.4



#5
 2-Fluorophenol
 Concen: 90.520 ng
 RT: 5.784 min Scan# 425
 Delta R.T. 0.005 min
 Lab File: BG055688.D
 Acq: 18 Nov 2022 13:01

Tgt Ion:112 Resp: 231228
 Ion Ratio Lower Upper
 112 100
 64 64.4 50.6 76.0
 63 35.6 27.5 41.3

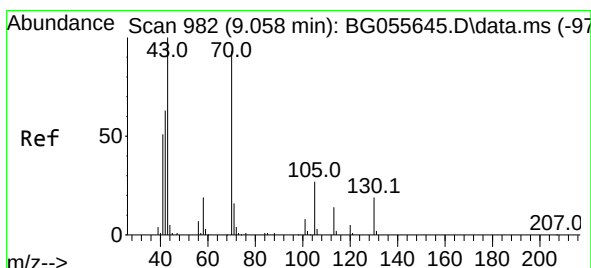
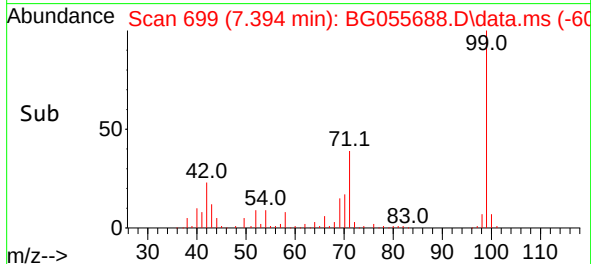
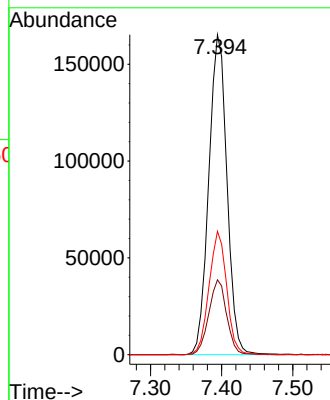
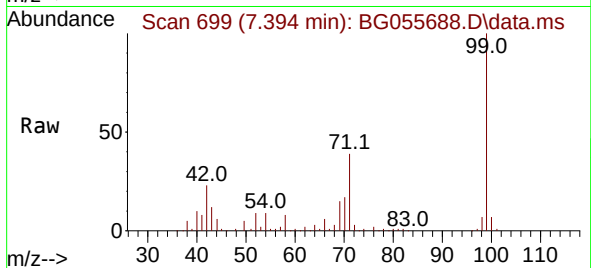




#7
Phenol-d6
Concen: 86.479 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

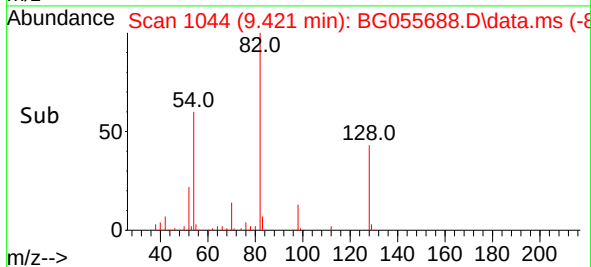
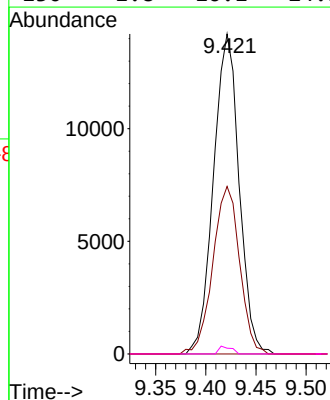
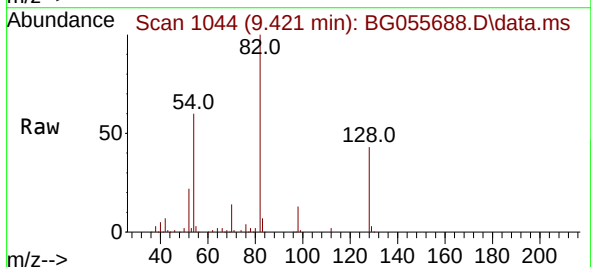
Instrument :
BNA_G
ClientSampleId :
SB-38

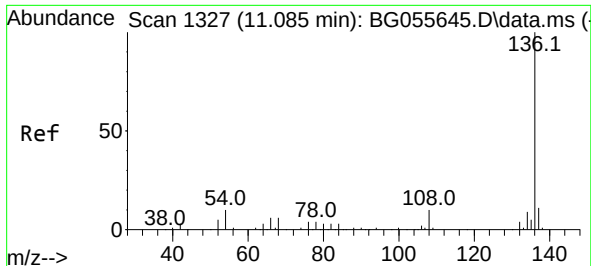
Tgt Ion: 99 Resp: 294061
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 38.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.644 ng
RT: 9.421 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

Tgt Ion: 70 Resp: 25197
Ion Ratio Lower Upper
70 100
42 52.3 55.2 82.8#
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#

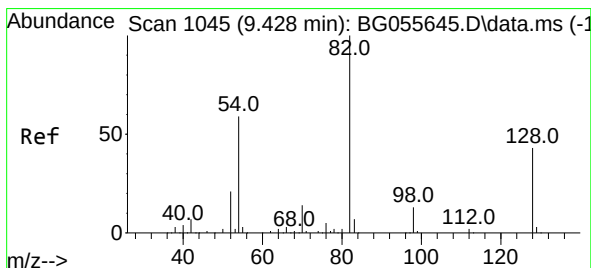
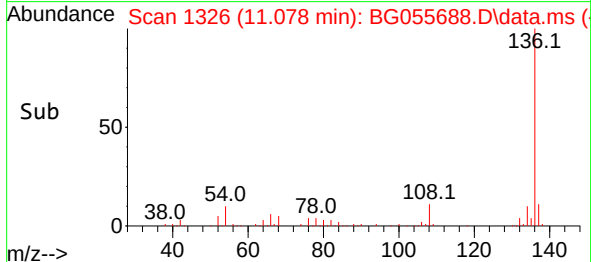
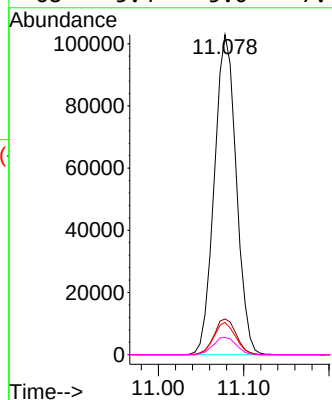
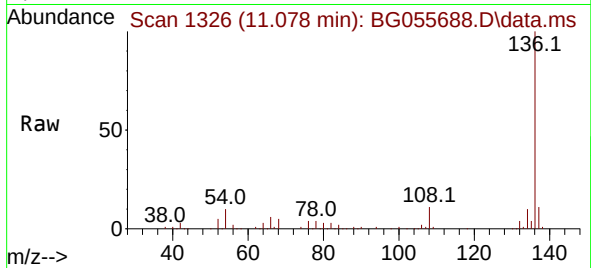




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

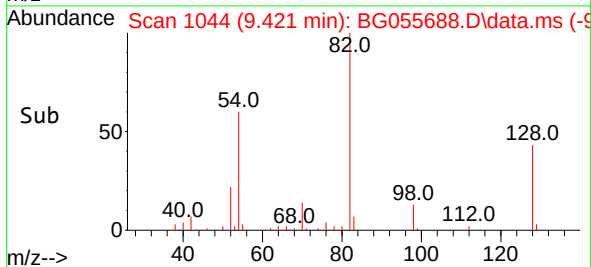
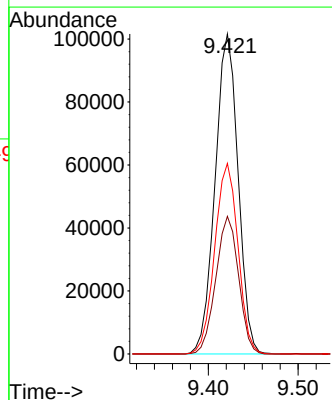
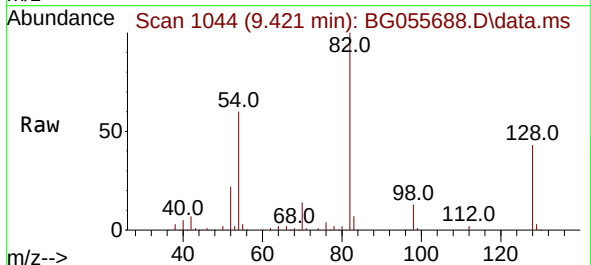
Instrument :
BNA_G
ClientSampleId :
SB-38

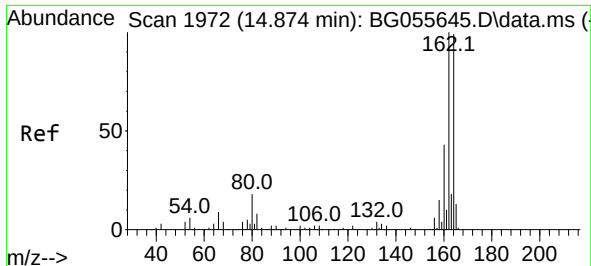
Tgt Ion:	136	Resp:	183789
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	10.1	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 51.984 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

Tgt Ion:	82	Resp:	180762
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.1	51.1
54	59.5	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG055688.D

Acq: 18 Nov 2022 13:01

Instrument :

BNA_G

ClientSampleId :

SB-38

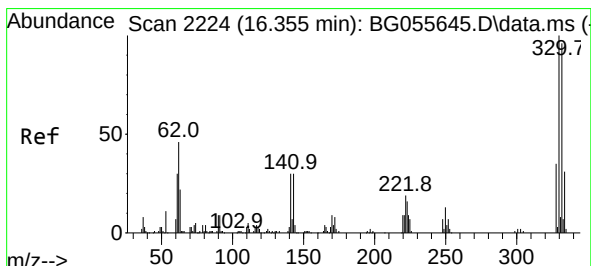
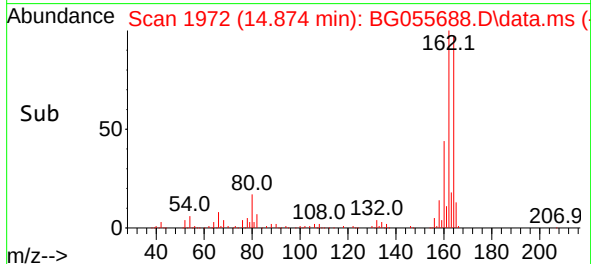
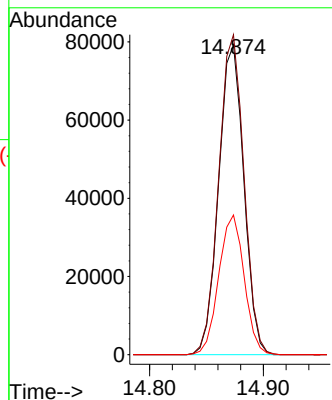
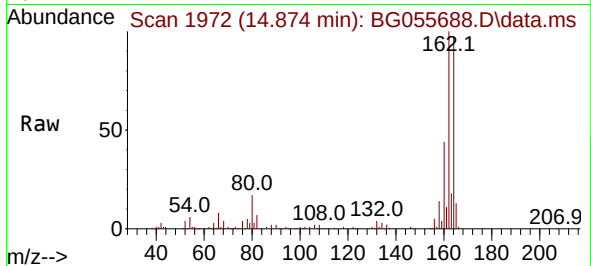
Tgt Ion:164 Resp: 121624

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

160 45.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 77.475 ng

RT: 16.354 min Scan# 2224

Delta R.T. -0.001 min

Lab File: BG055688.D

Acq: 18 Nov 2022 13:01

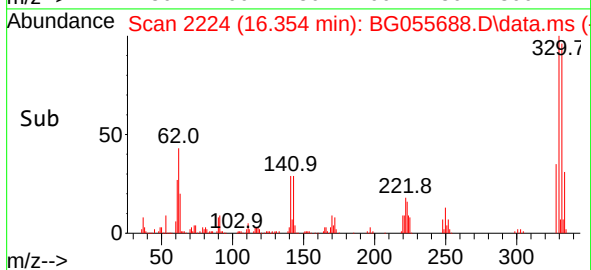
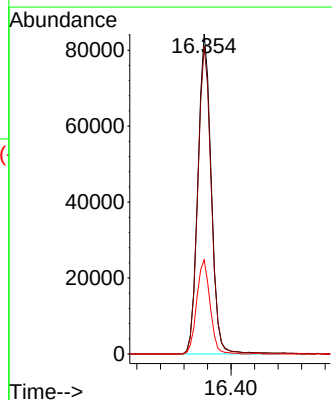
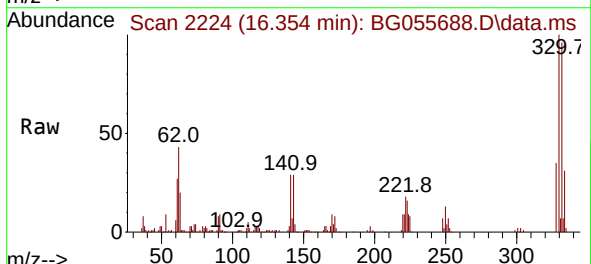
Tgt Ion:330 Resp: 132686

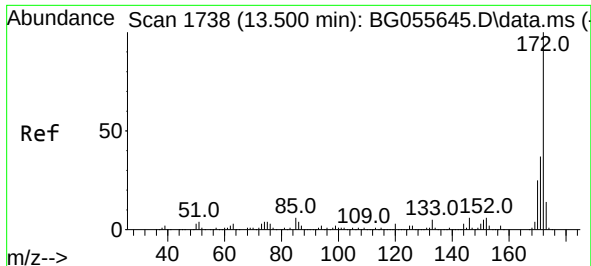
Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 29.4 23.9 35.9

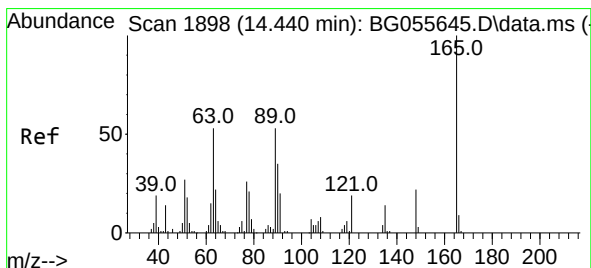
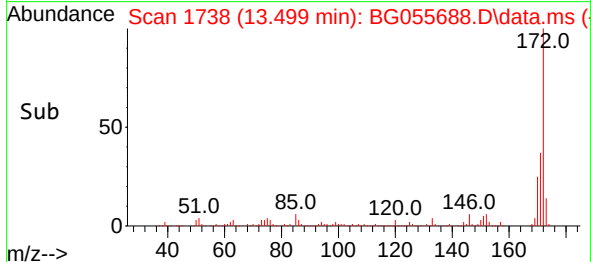
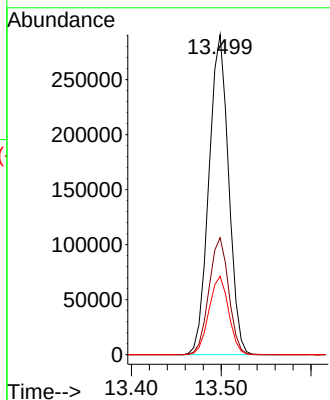
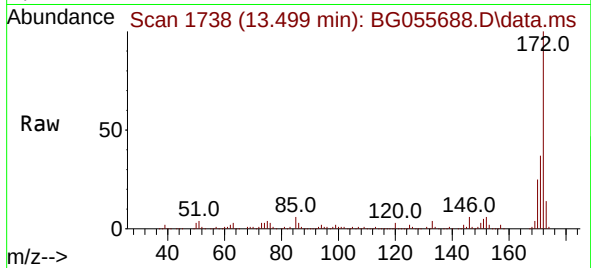




#45
2-Fluorobiphenyl
Concen: 54.493 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

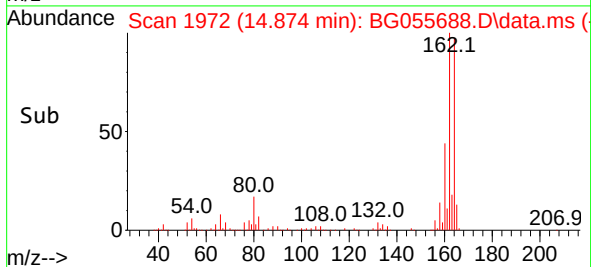
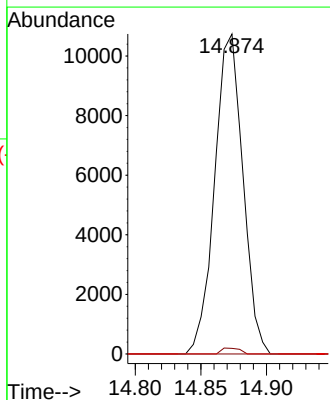
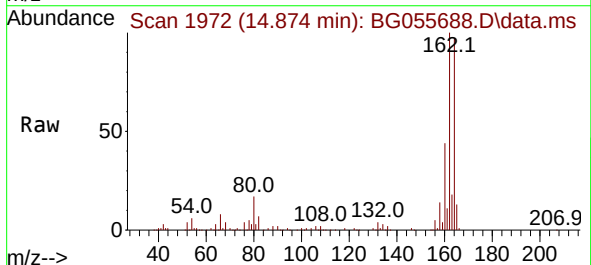
Instrument :
BNA_G
ClientSampleId :
SB-38

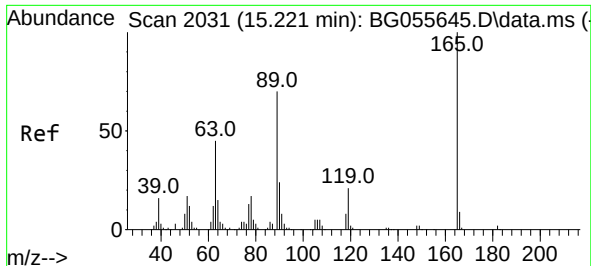
Tgt Ion:172 Resp: 442398
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.099 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

Tgt Ion:165 Resp: 16055
Ion Ratio Lower Upper
165 100
63 1.8 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.744 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.347 min

Lab File: BG055688.D

Acq: 18 Nov 2022 13:01

Instrument :

BNA_G

ClientSampleId :

SB-38

Tgt Ion:165 Resp: 16055

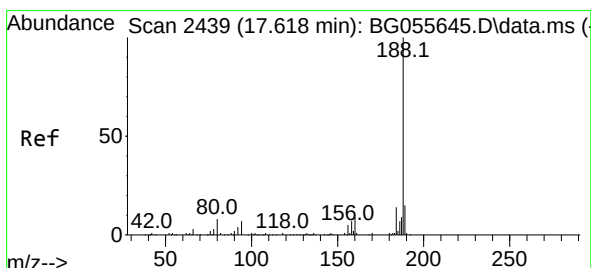
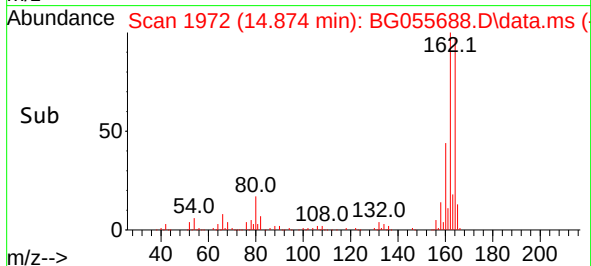
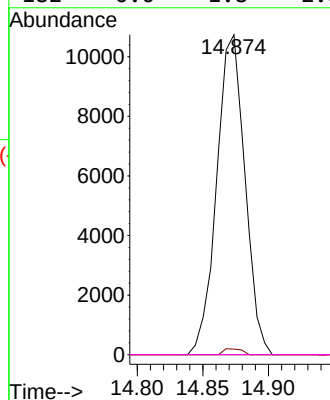
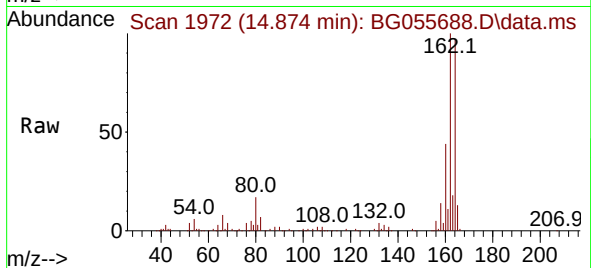
Ion Ratio Lower Upper

165 100

63 1.8 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BG055688.D

Acq: 18 Nov 2022 13:01

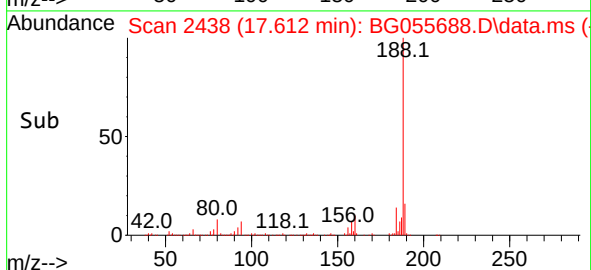
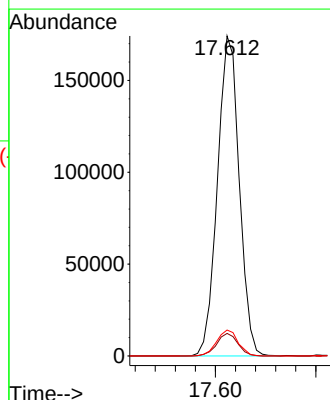
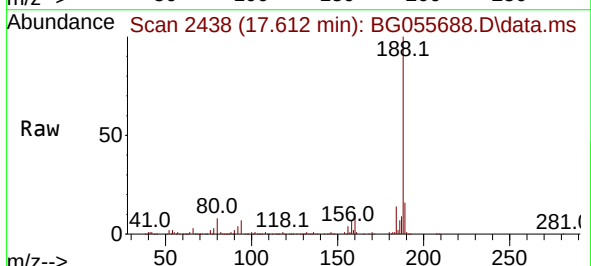
Tgt Ion:188 Resp: 262642

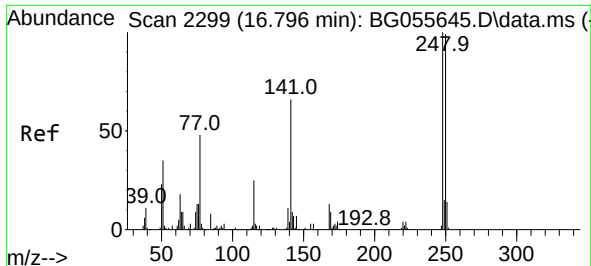
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.1 6.6 10.0

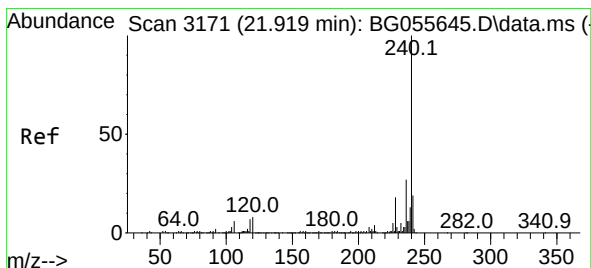
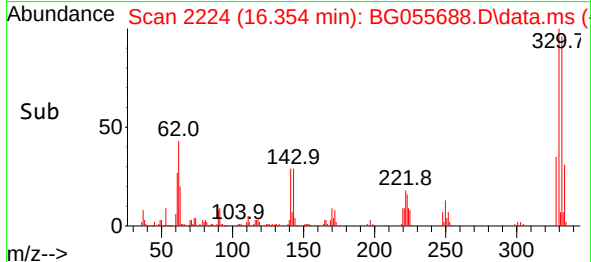
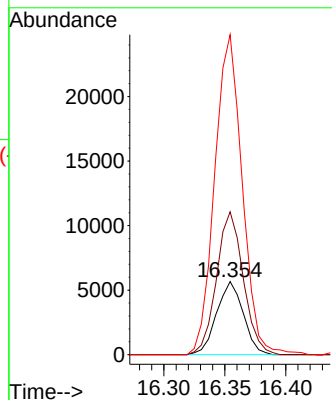
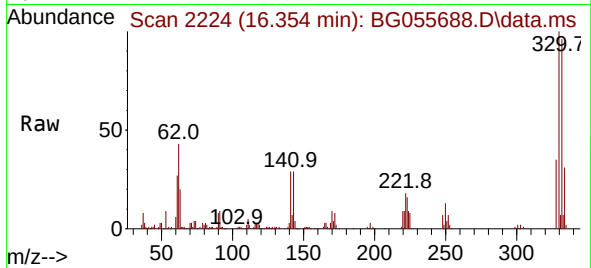




#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

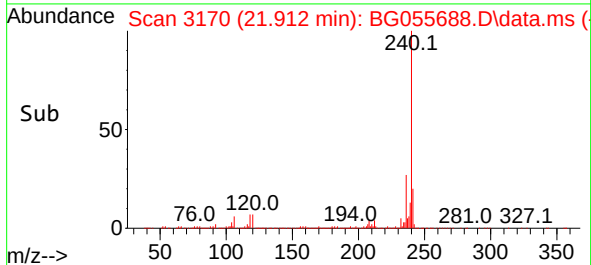
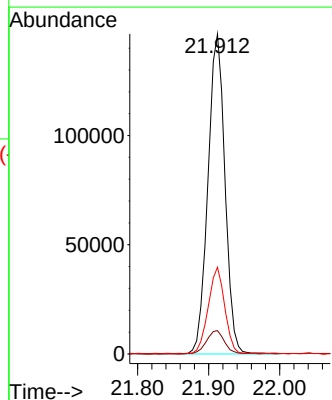
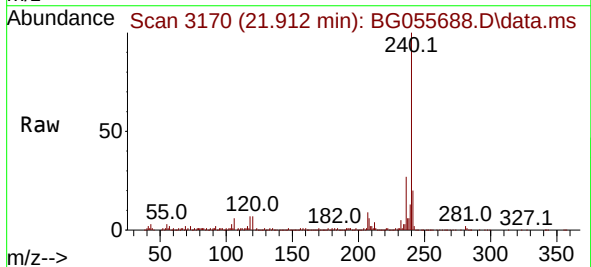
Instrument :
BNA_G
ClientSampleId :
SB-38

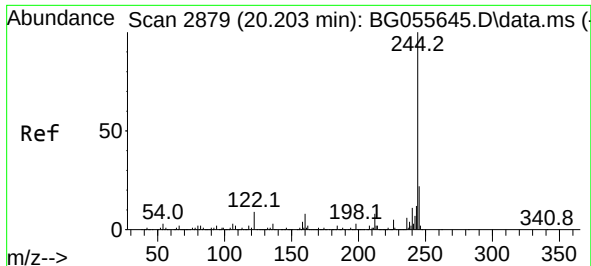
Tgt Ion:248 Resp: 8599
Ion Ratio Lower Upper
248 100
250 195.6 79.0 118.4#
141 438.1 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055688.D
Acq: 18 Nov 2022 13:01

Tgt Ion:240 Resp: 243909
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 27.1 21.9 32.9

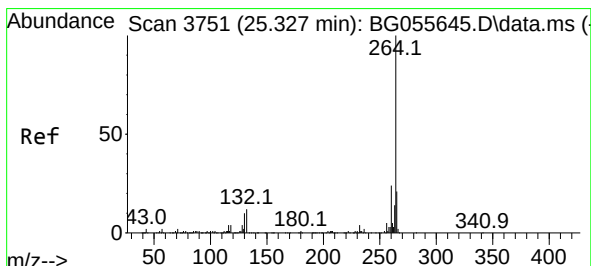
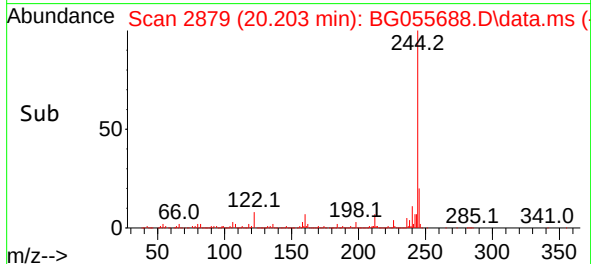
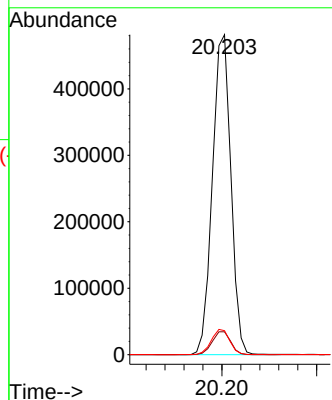
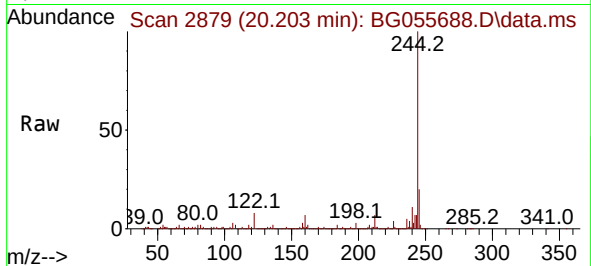




#79
 Terphenyl-d14
 Concen: 53.290 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055688.D
 Acq: 18 Nov 2022 13:01

Instrument :
 BNA_G
 ClientSampleId :
 SB-38

Tgt Ion:244 Resp: 649850
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 7.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3751
 Delta R.T. -0.001 min
 Lab File: BG055688.D
 Acq: 18 Nov 2022 13:01

Tgt Ion:264 Resp: 249054
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.5 29.3
 265 22.5 17.1 25.7

