

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053446.D
 Acq On : 5 May 2022 10:43
 Operator : CG/JU
 Sample : N2665-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11.8

Quant Time: May 06 03:46:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

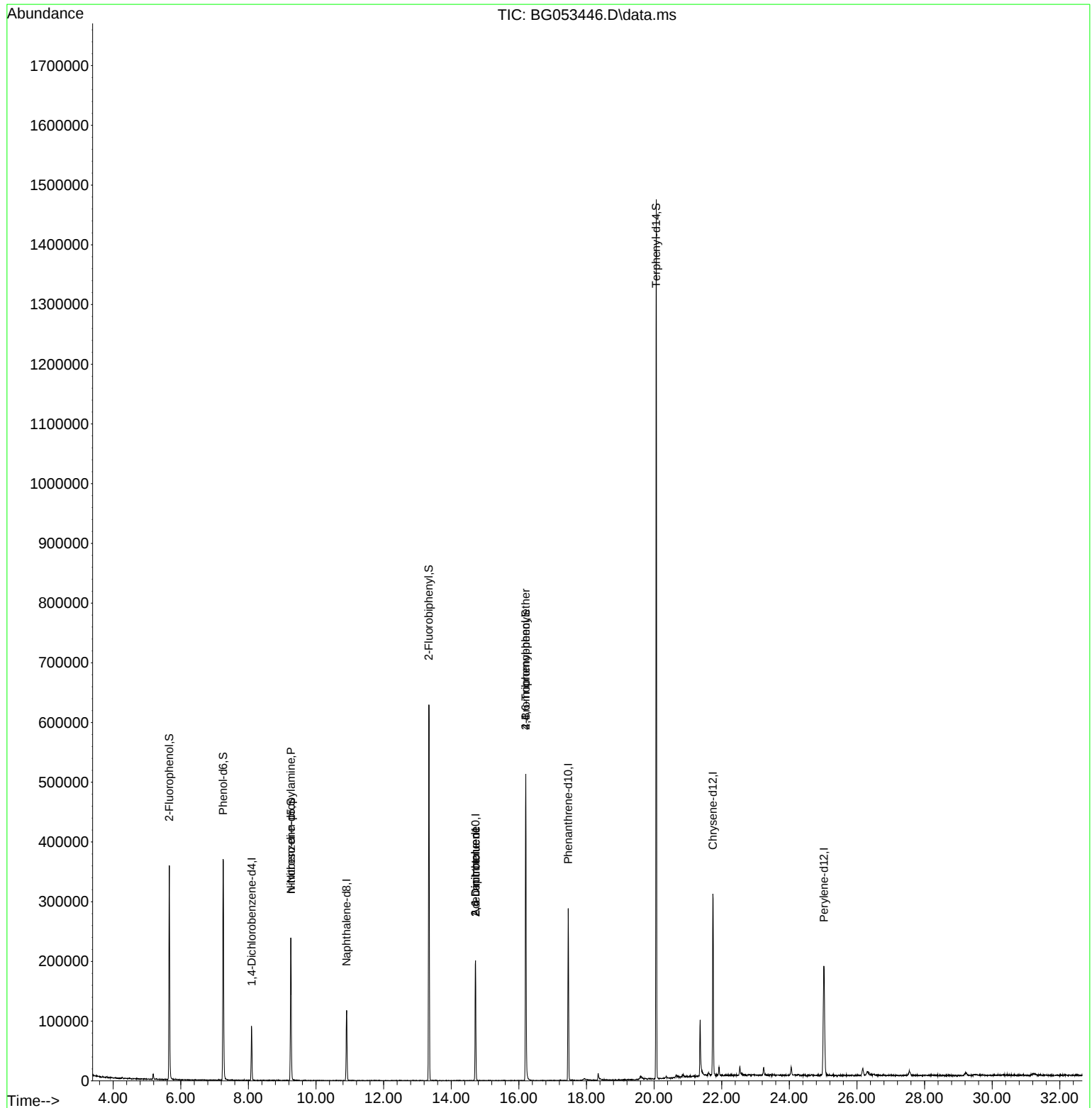
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	24342	20.000	ng	0.00
21) Naphthalene-d8	10.907	136	100996	20.000	ng	0.00
39) Acenaphthene-d10	14.719	164	74694	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	186572	20.000	ng	0.00
76) Chrysene-d12	21.739	240	200353	20.000	ng	0.00
86) Perylene-d12	25.023	264	202078	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	148215	103.336	ng	0.00
7) Phenol-d6	7.253	99	215507	99.003	ng	0.00
23) Nitrobenzene-d5	9.256	82	152291	64.189	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	104931	95.249	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	337161	65.961	ng	0.00
79) Terphenyl-d14	20.065	244	736688	68.482	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.256	70	21329	13.657	ng	# 74
51) 2,6-Dinitrotoluene	14.719	165	9729	8.413	ng	# 16
57) 2,4-Dinitrotoluene	14.719	165	9729	5.804	ng	# 21
67) 4-Bromophenyl-phenylether	16.205	248	6991	3.208	ng	# 1

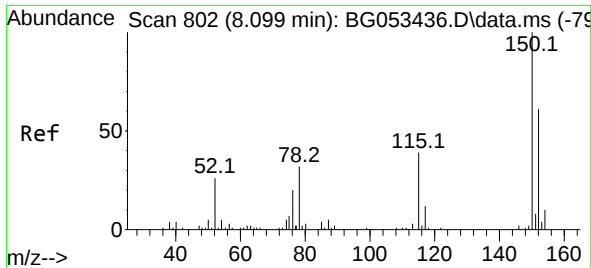
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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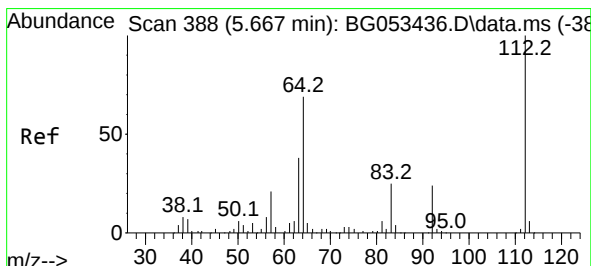
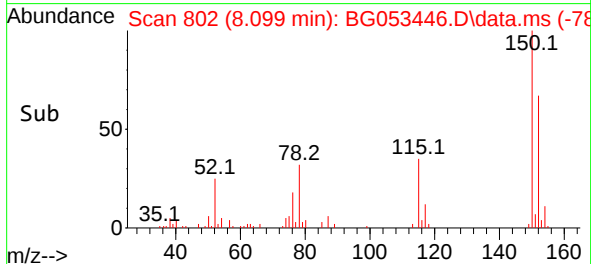
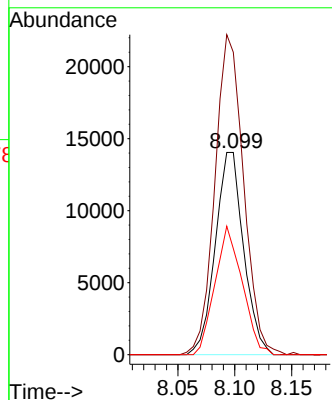
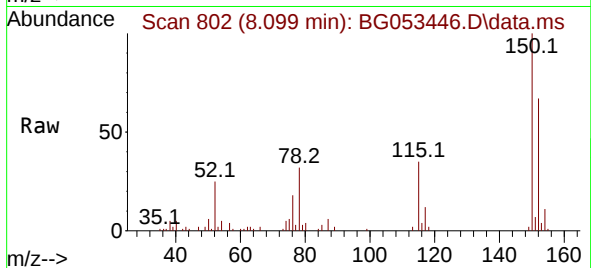




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

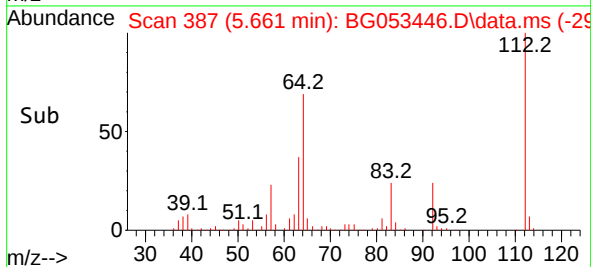
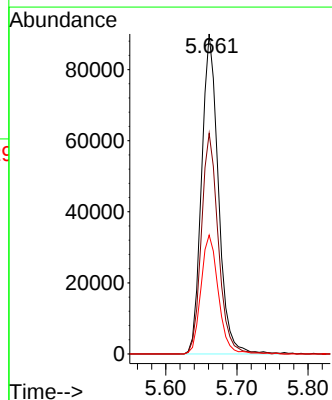
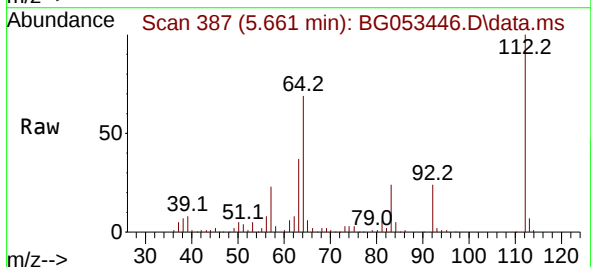
Instrument :
BNA_G
ClientSampleId :
SB-11.8

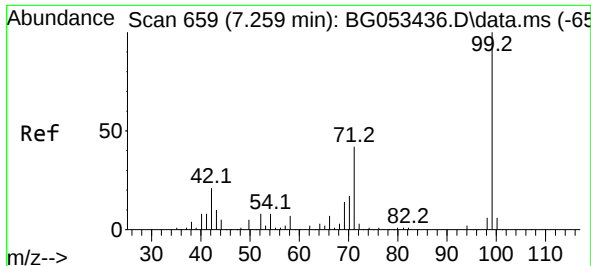
Tgt Ion:152 Resp: 24342
Ion Ratio Lower Upper
152 100
150 149.6 131.6 197.4
115 52.5 50.9 76.3



#5
2-Fluorophenol
Concen: 103.336 ng
RT: 5.661 min Scan# 387
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

Tgt Ion:112 Resp: 148215
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 37.1 30.4 45.6

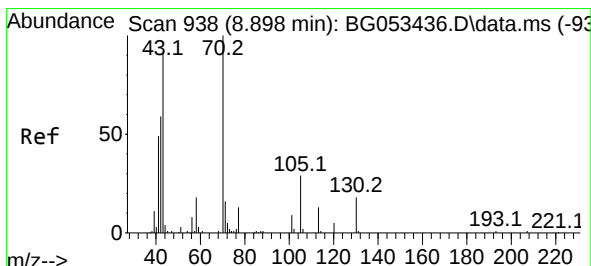
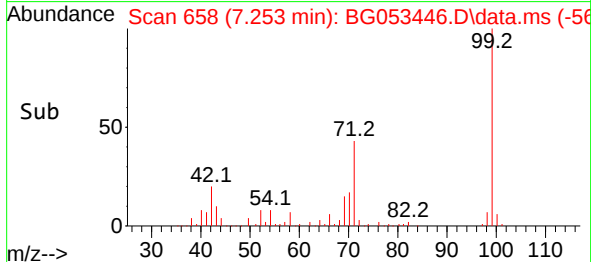
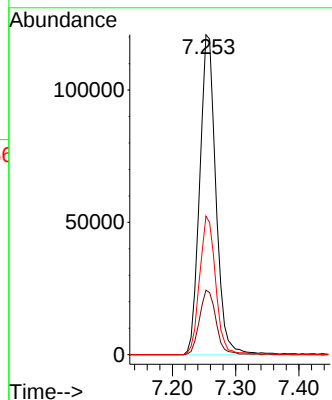
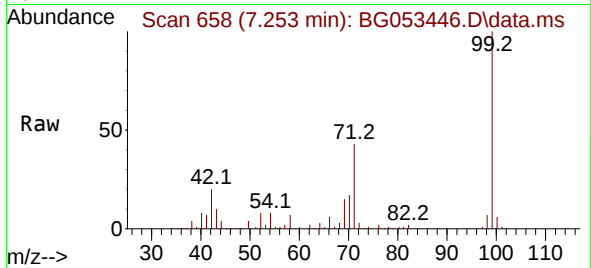




#7
Phenol-d6
Concen: 99.003 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

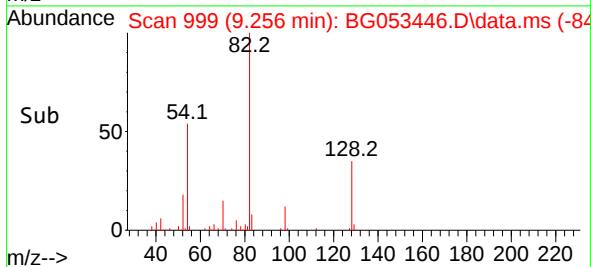
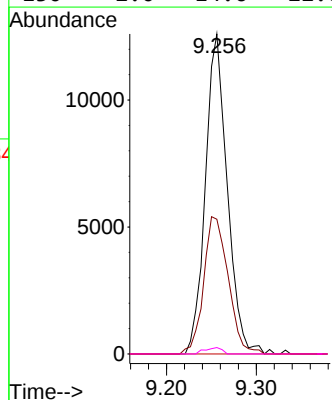
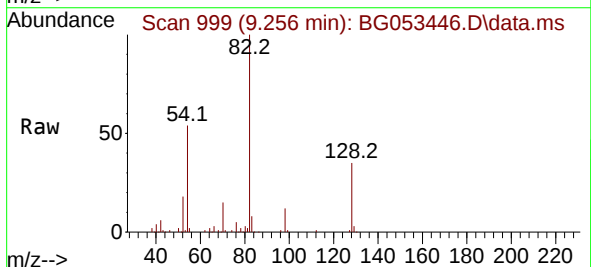
Instrument :
BNA_G
ClientSampleId :
SB-11.8

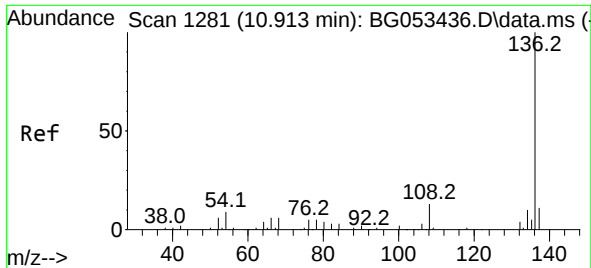
Tgt Ion: 99 Resp: 215507
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.657 ng
RT: 9.256 min Scan# 999
Delta R.T. 0.358 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

Tgt Ion: 70 Resp: 21329
Ion Ratio Lower Upper
70 100
42 42.1 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

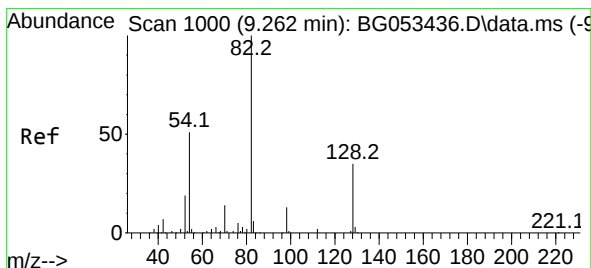
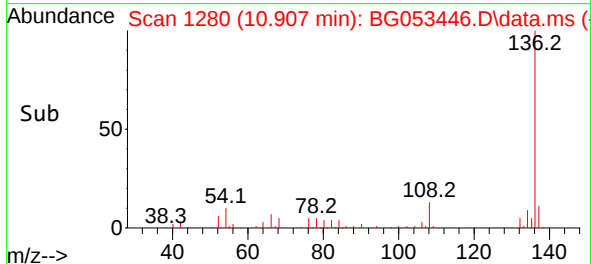
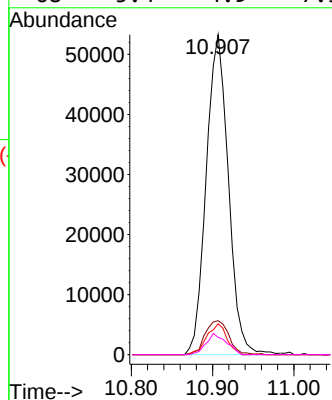
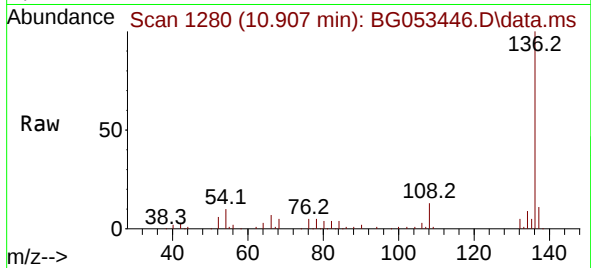




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

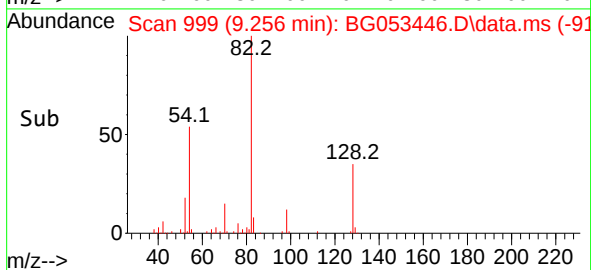
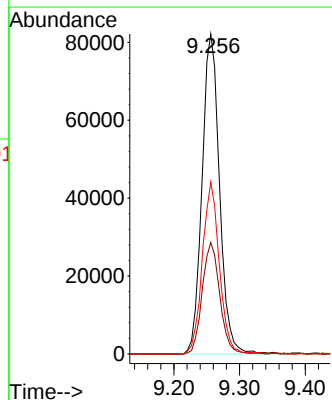
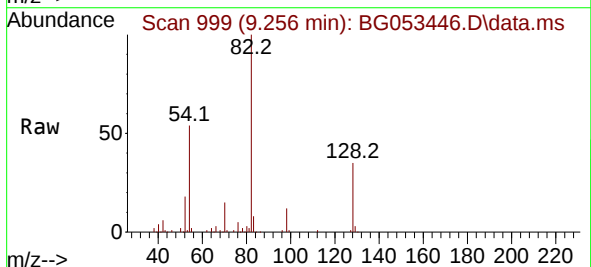
Instrument :
BNA_G
ClientSampleId :
SB-11.8

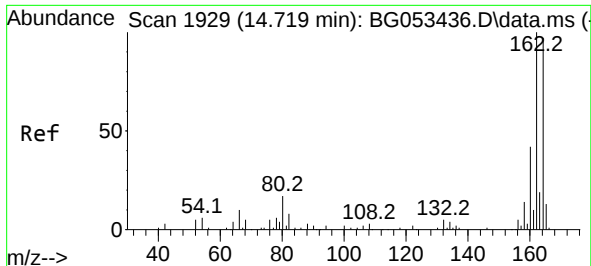
Tgt	Ion:136	Resp:	100996
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.6	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 64.189 ng
RT: 9.256 min Scan# 999
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

Tgt Ion: 82	Resp: 152291
Ion Ratio	Lower Upper
82 100	
128 34.8	27.9 41.9
54 53.7	41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.719 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BG053446.D

Acq: 5 May 2022 10:43

Instrument :

BNA_G

ClientSampleId :

SB-11.8

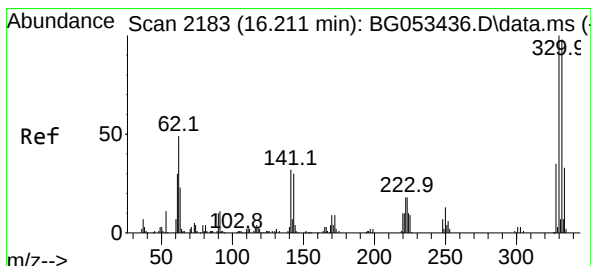
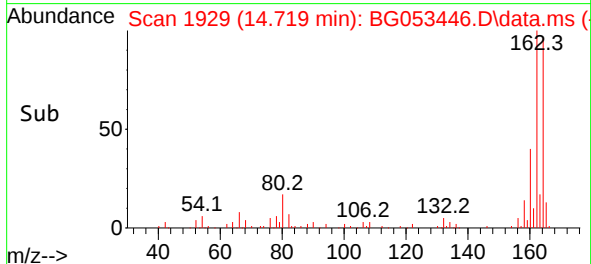
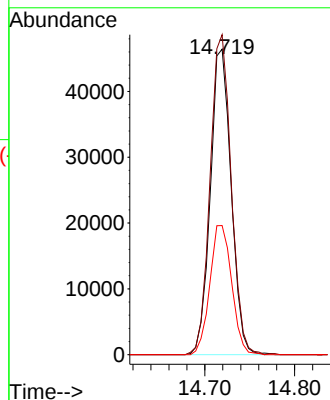
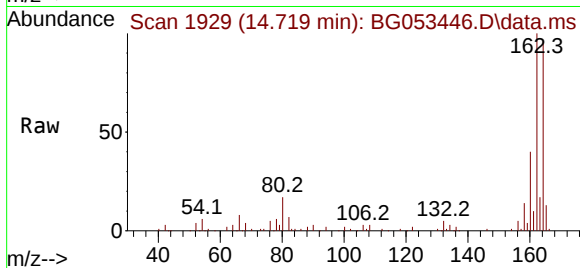
Tgt Ion:164 Resp: 74694

Ion Ratio Lower Upper

164 100

162 104.7 82.3 123.5

160 42.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 95.249 ng

RT: 16.205 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BG053446.D

Acq: 5 May 2022 10:43

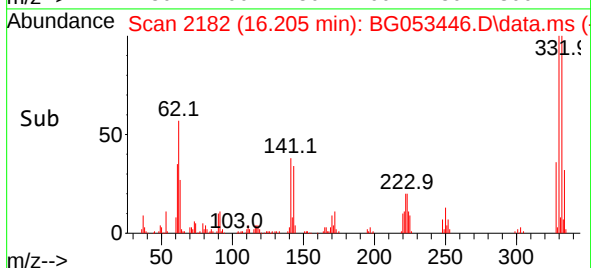
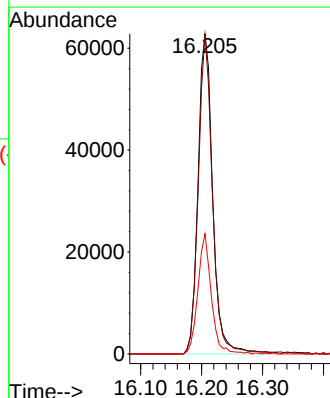
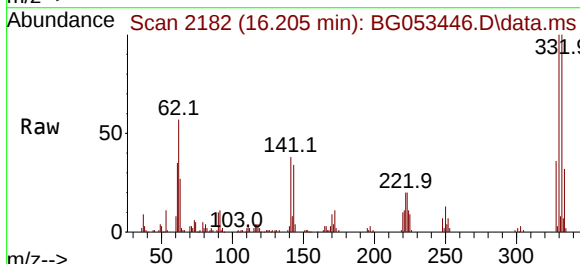
Tgt Ion:330 Resp: 104931

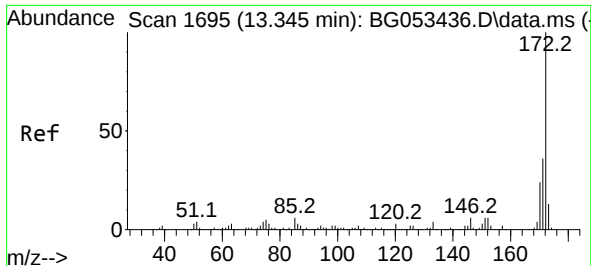
Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 34.5 27.1 40.7

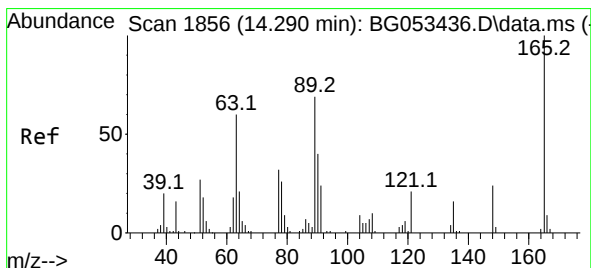
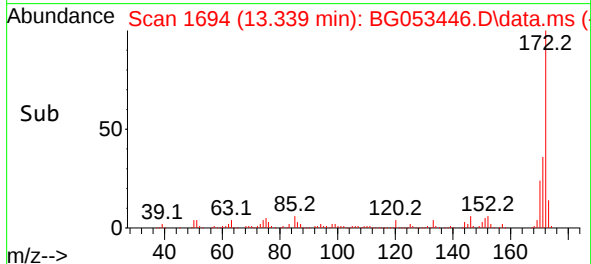
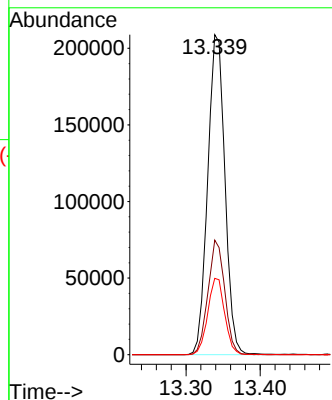
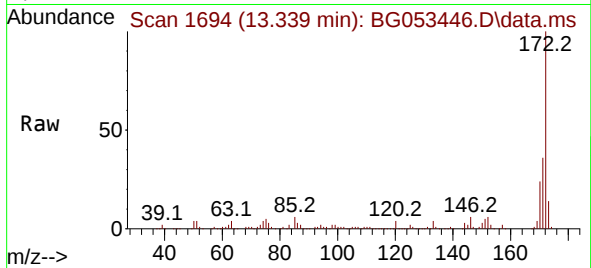




#45
2-Fluorobiphenyl
Concen: 65.961 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

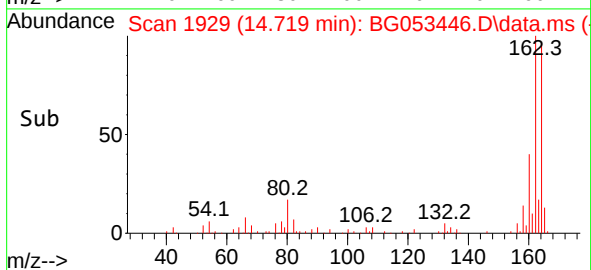
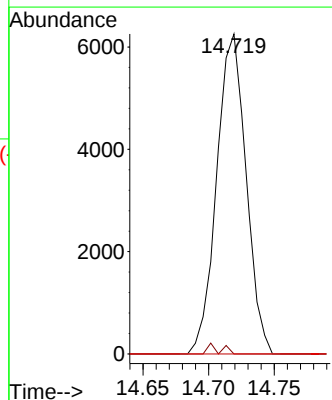
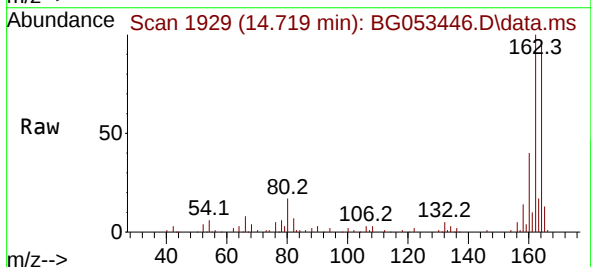
Instrument :
BNA_G
ClientSampleId :
SB-11.8

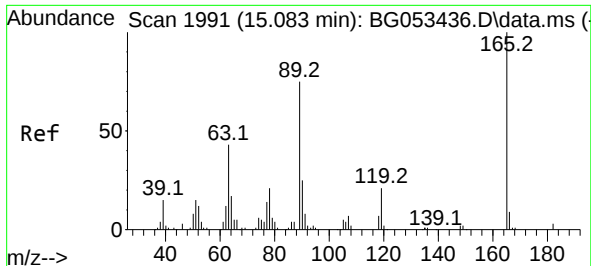
Tgt Ion:172 Resp: 337161
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 14.719 min Scan# 1929
Delta R.T. 0.429 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

Tgt Ion:165 Resp: 9729
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.804 ng

RT: 14.719 min Scan# 1991

Delta R.T. -0.364 min

Lab File: BG053446.D

Acq: 5 May 2022 10:43

Instrument :

BNA_G

ClientSampleId :

SB-11.8

Tgt Ion:165 Resp: 9729

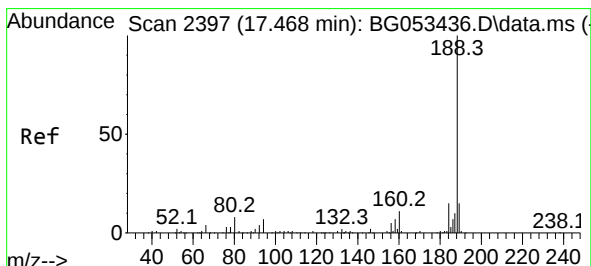
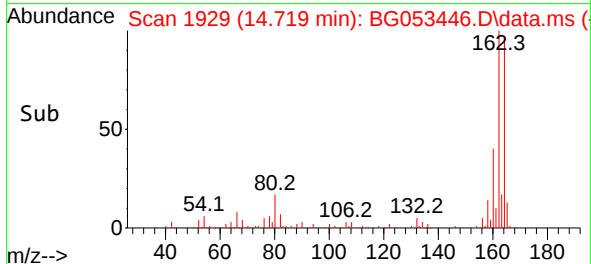
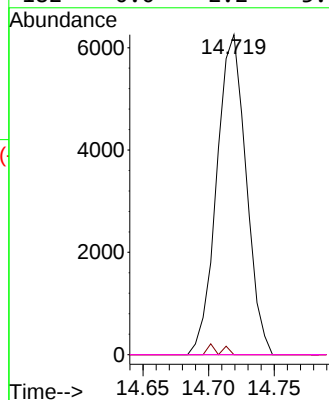
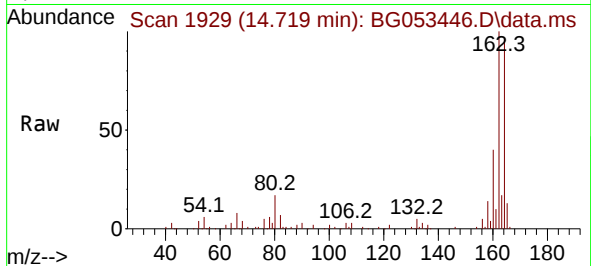
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BG053446.D

Acq: 5 May 2022 10:43

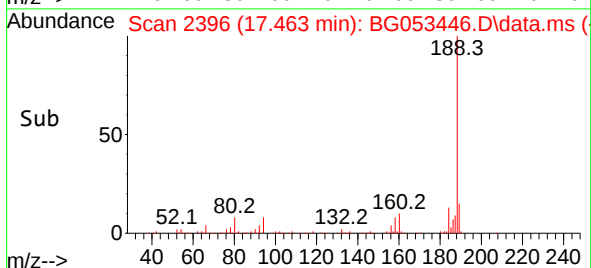
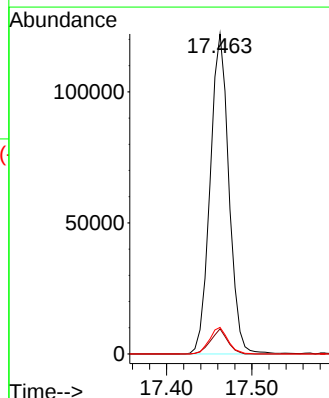
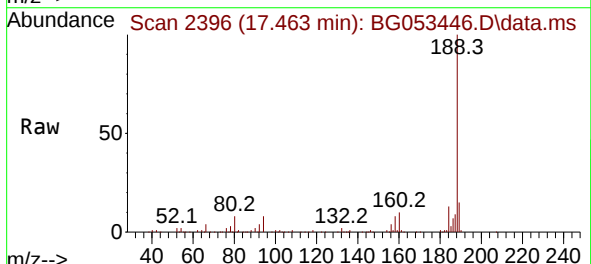
Tgt Ion:188 Resp: 186572

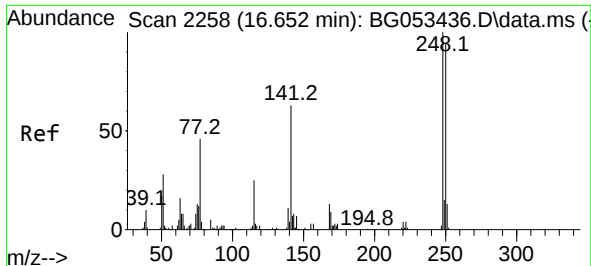
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 8.3 6.8 10.2

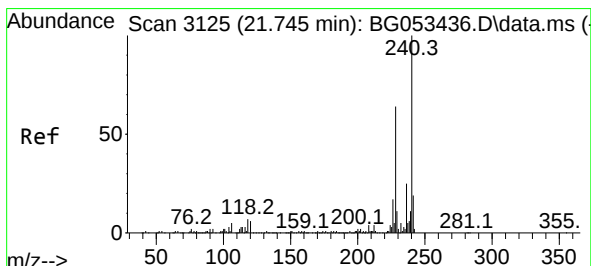
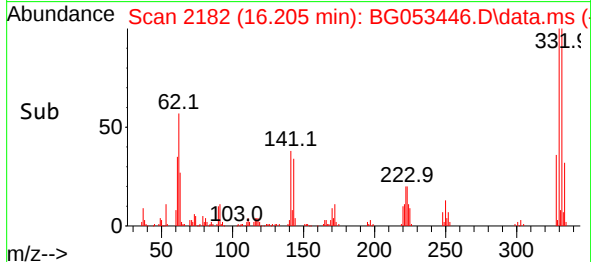
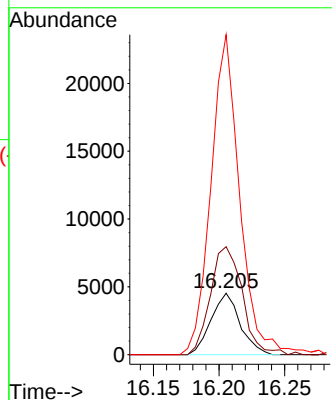
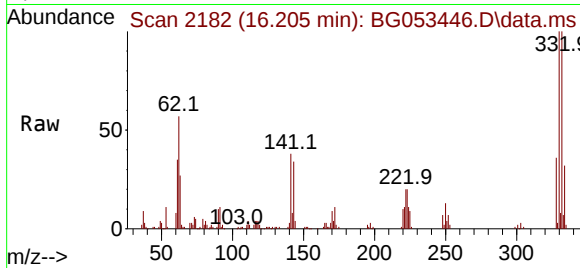




#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 16.205 min Scan# 2182
Delta R.T. -0.446 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

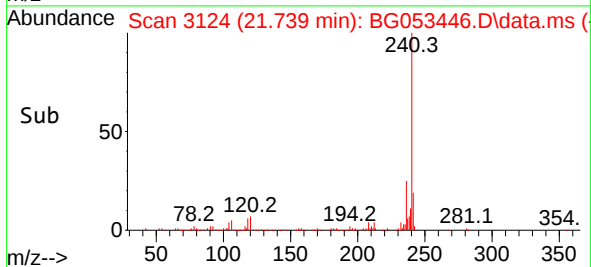
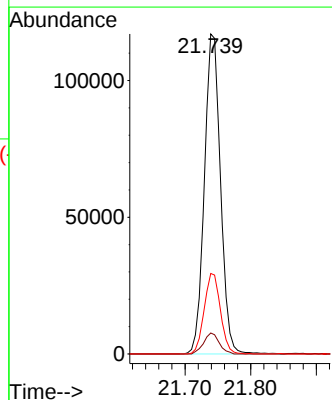
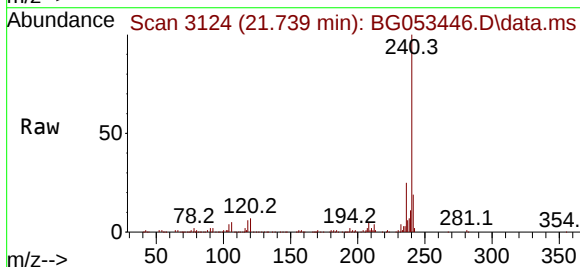
Instrument :
BNA_G
ClientSampleId :
SB-11.8

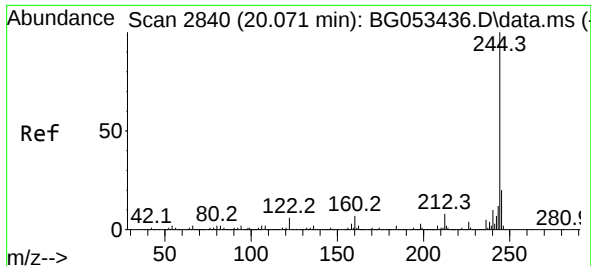
Tgt Ion:248 Resp: 6991
Ion Ratio Lower Upper
248 100
250 175.8 75.2 112.8#
141 520.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053446.D
Acq: 5 May 2022 10:43

Tgt Ion:240 Resp: 200353
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.1 20.2 30.4

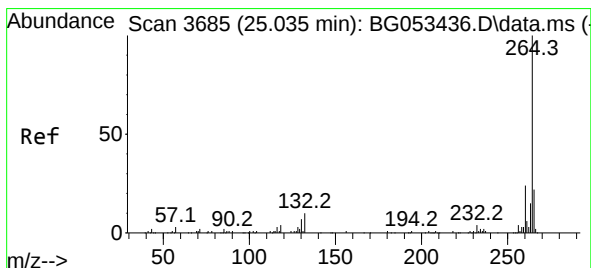
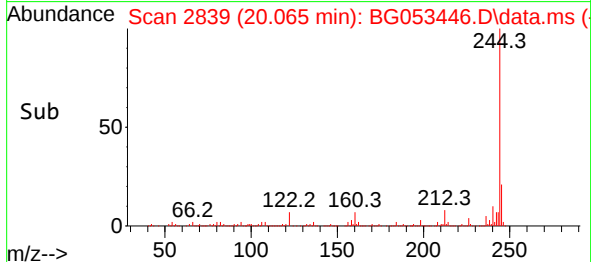
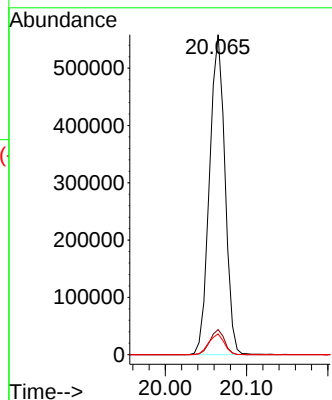
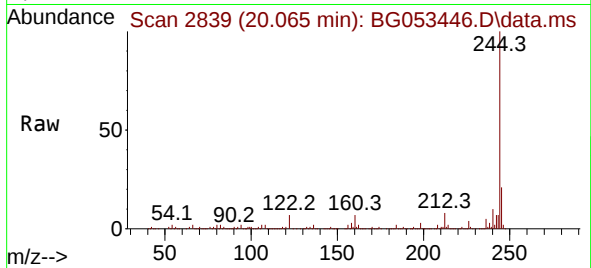




#79
 Terphenyl-d14
 Concen: 68.482 ng
 RT: 20.065 min Scan# 2839
 Delta R.T. -0.006 min
 Lab File: BG053446.D
 Acq: 5 May 2022 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-11.8

Tgt Ion:244 Resp: 736688
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.023 min Scan# 3683
 Delta R.T. -0.012 min
 Lab File: BG053446.D
 Acq: 5 May 2022 10:43

Tgt Ion:264 Resp: 202078
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.9 17.4 26.2

