

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054282.D
 Acq On : 14 Jul 2022 16:14
 Operator : CG/JU
 Sample : N3651-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-3

Quant Time: Jul 15 01:58:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

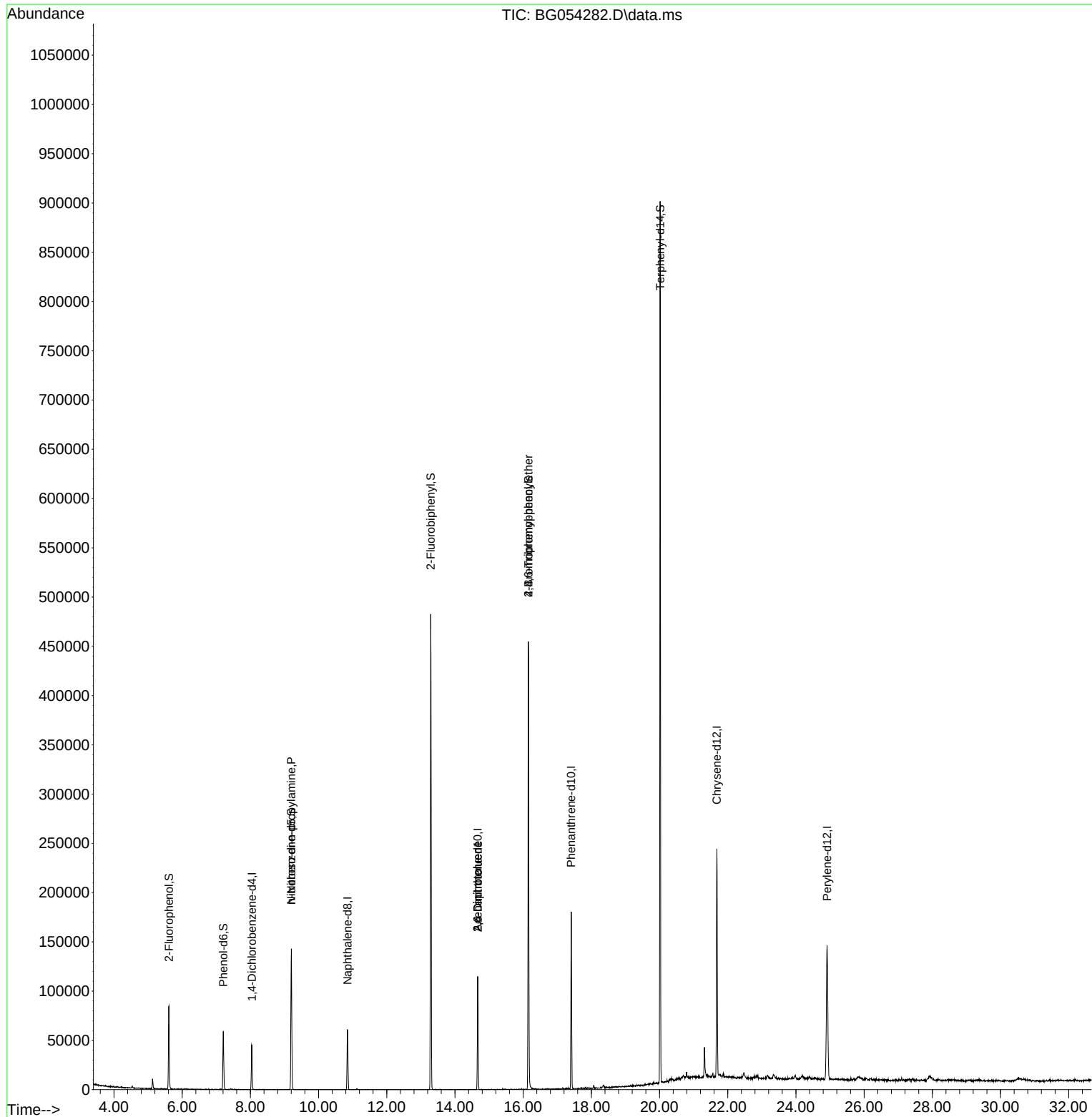
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	14507	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	58162	20.000	ng	# 0.00
39) Acenaphthene-d10	14.666	164	47417	20.000	ng	0.00
64) Phenanthrene-d10	17.410	188	132067	20.000	ng	#-0.01
76) Chrysene-d12	21.681	240	166438	20.000	ng	#-0.01
86) Perylene-d12	24.913	264	176324	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	39710	54.995	ng	0.00
7) Phenol-d6	7.204	99	34020	34.160	ng	0.00
23) Nitrobenzene-d5	9.202	82	86752	80.942	ng	0.00
42) 2,4,6-Tribromophenol	16.152	330	125198	136.305	ng	-0.01
45) 2-Fluorobiphenyl	13.291	172	275251	85.294	ng	0.00
79) Terphenyl-d14	20.018	244	505559	62.463	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.202	70	12624	18.567	ng	# 88
51) 2,6-Dinitrotoluene	14.666	165	6542	8.085	ng	# 16
57) 2,4-Dinitrotoluene	14.666	165	6542	5.583	ng	# 21
67) 4-Bromophenyl-phenylether	16.152	248	7370	4.184	ng	# 1

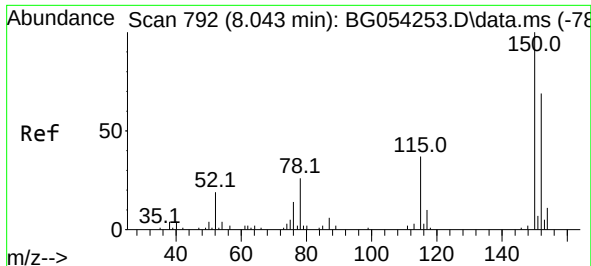
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
Data File : BG054282.D
Acq On : 14 Jul 2022 16:14
Operator : CG/JU
Sample : N3651-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-3

Quant Time: Jul 15 01:58:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

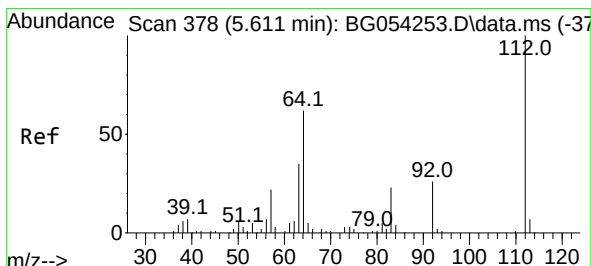
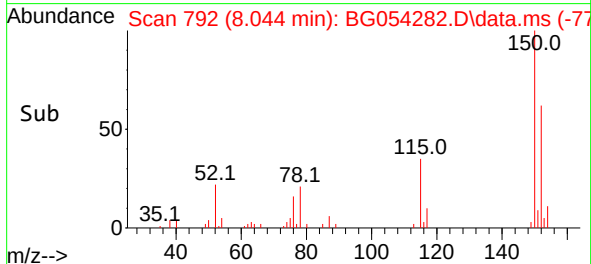
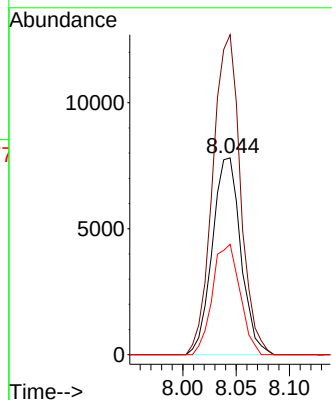
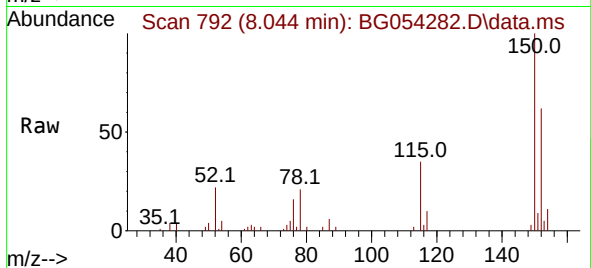




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.044 min Scan# 792
Delta R.T. 0.001 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

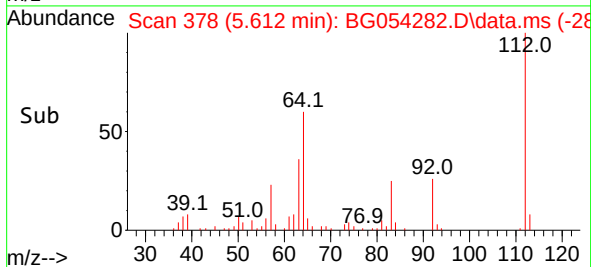
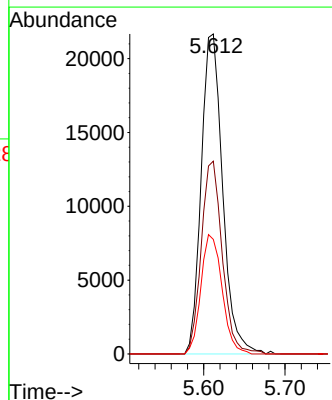
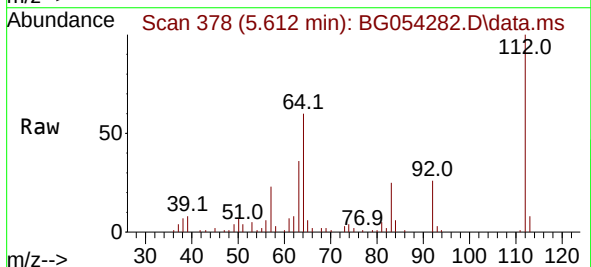
Instrument :
BNA_G
ClientSampleId :
SW-3

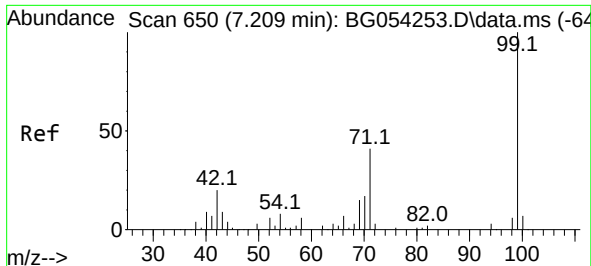
Tgt Ion:152 Resp: 14507
Ion Ratio Lower Upper
152 100
150 162.6 131.6 197.4
115 56.1 50.9 76.3



#5
2-Fluorophenol
Concen: 54.995 ng
RT: 5.612 min Scan# 378
Delta R.T. 0.001 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion:112 Resp: 39710
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 35.8 30.4 45.6

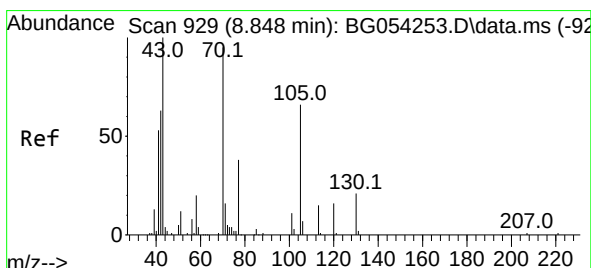
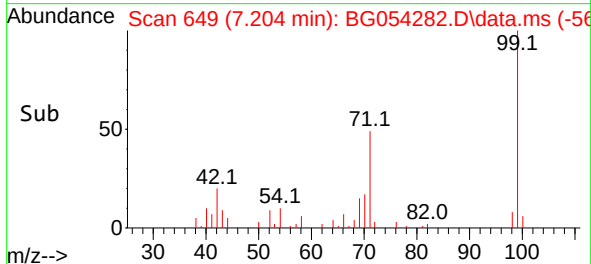
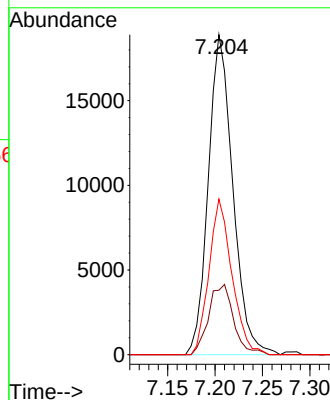
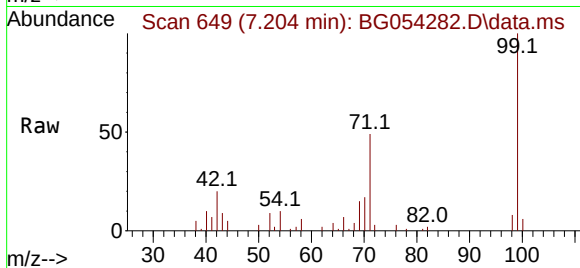




#7
Phenol-d6
Concen: 34.160 ng
RT: 7.204 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

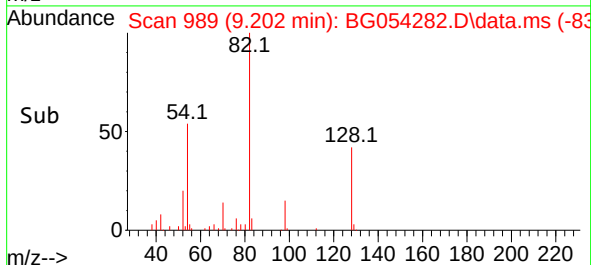
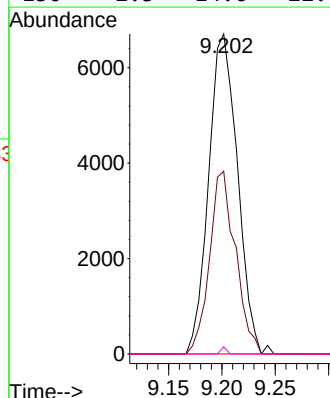
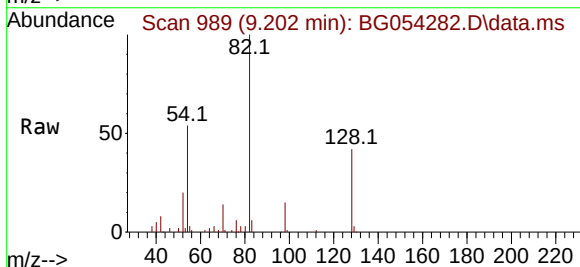
Instrument :
BNA_G
ClientSampleId :
SW-3

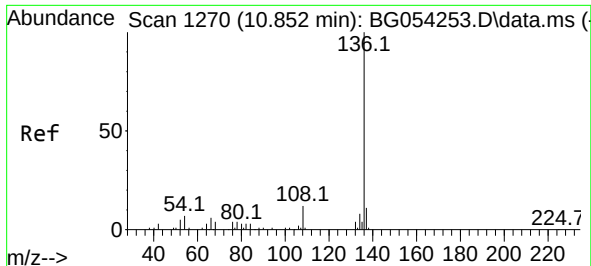
Tgt Ion: 99 Resp: 34020
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 48.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.567 ng
RT: 9.202 min Scan# 989
Delta R.T. 0.354 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion: 70 Resp: 12624
Ion Ratio Lower Upper
70 100
42 57.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

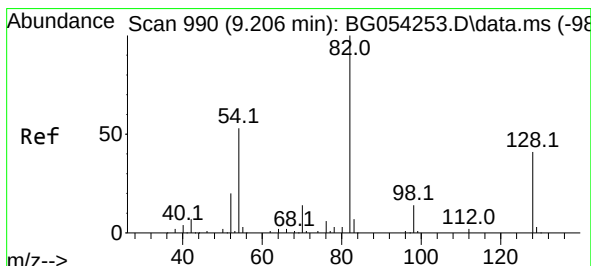
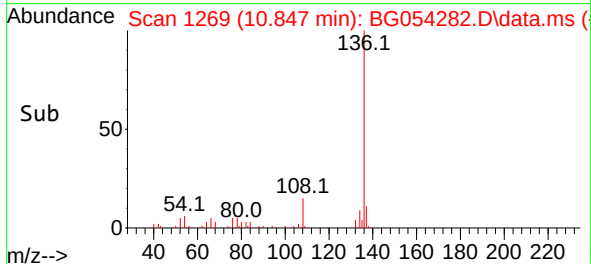
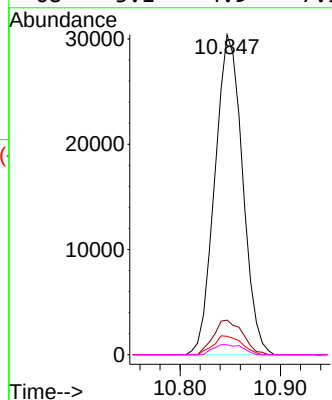
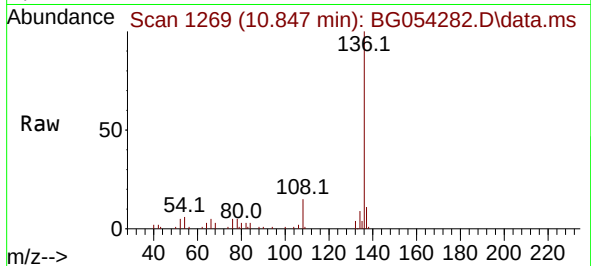




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

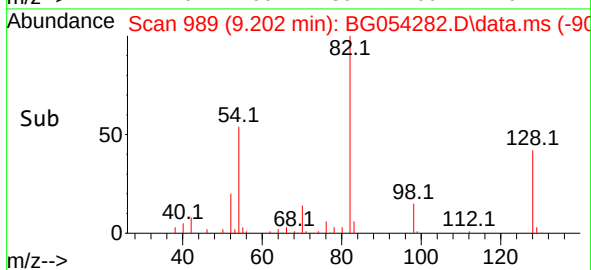
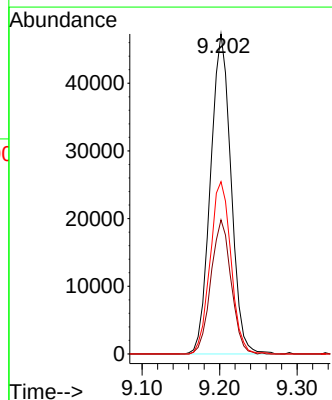
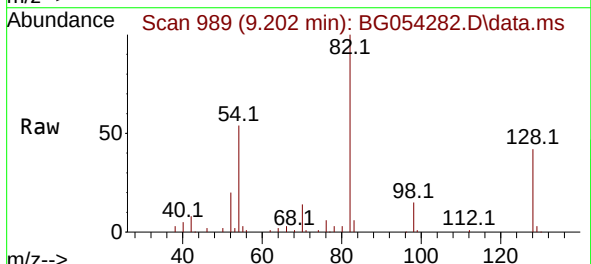
Instrument :
BNA_G
ClientSampleId :
SW-3

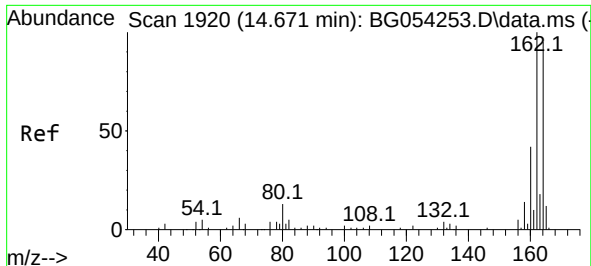
Tgt Ion:	136	Resp:	58162
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	5.8	7.4	11.2#
68	3.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 80.942 ng
RT: 9.202 min Scan# 989
Delta R.T. -0.005 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion:	82	Resp:	86752
Ion Ratio	Lower	Upper	
82	100		
128	41.9	27.9	41.9
54	53.8	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.666 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BG054282.D

Acq: 14 Jul 2022 16:14

Instrument :

BNA_G

ClientSampleId :

SW-3

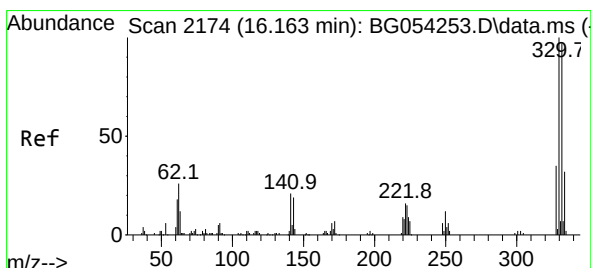
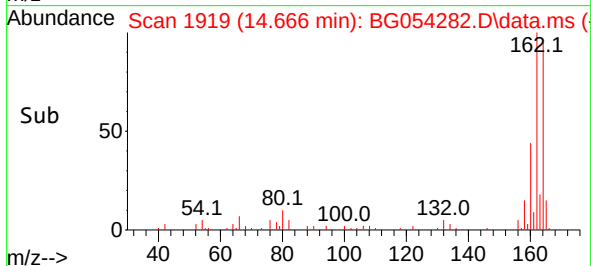
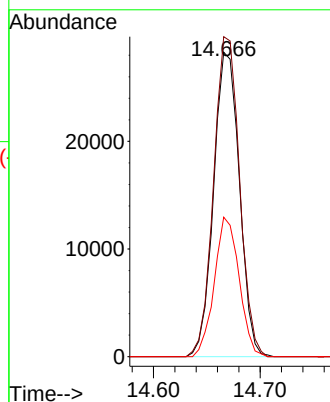
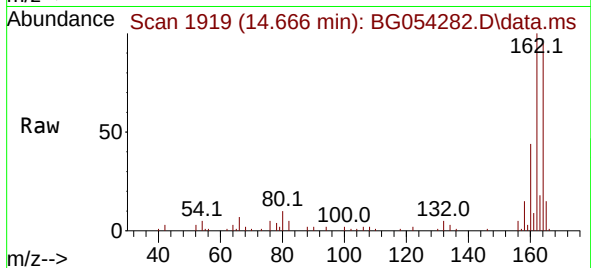
Tgt Ion:164 Resp: 47417

Ion Ratio Lower Upper

164 100

162 105.1 82.3 123.5

160 45.8 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 136.305 ng

RT: 16.152 min Scan# 2172

Delta R.T. -0.011 min

Lab File: BG054282.D

Acq: 14 Jul 2022 16:14

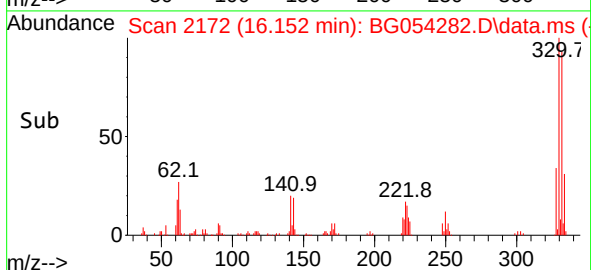
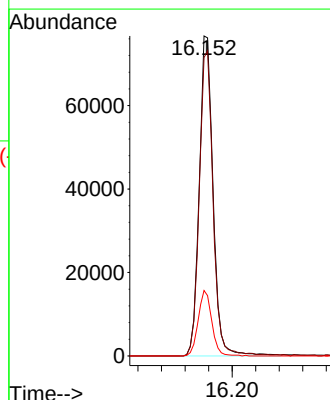
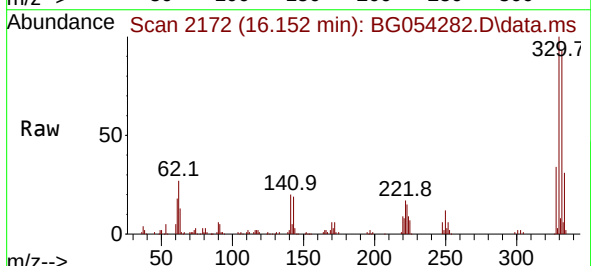
Tgt Ion:330 Resp: 125198

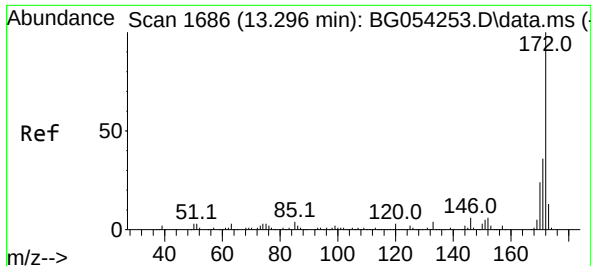
Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

141 20.1 27.1 40.7#

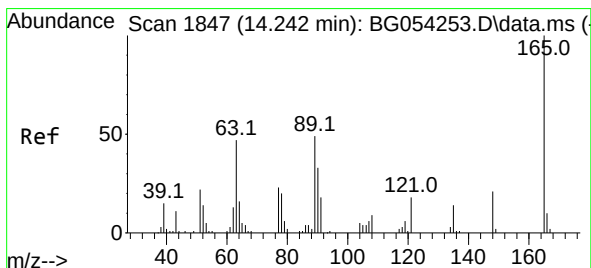
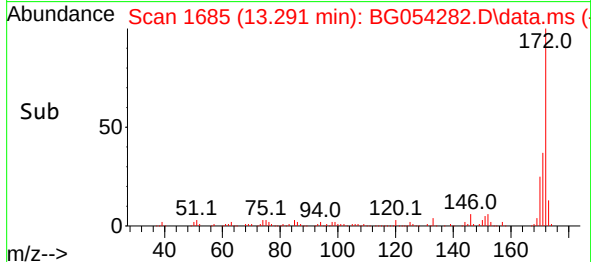
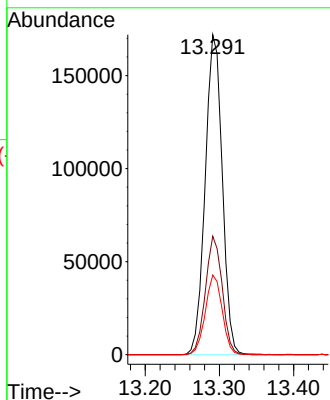
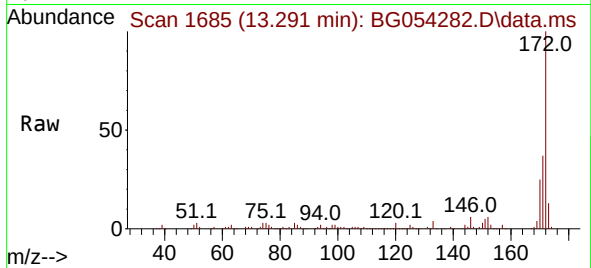




#45
2-Fluorobiphenyl
Concen: 85.294 ng
RT: 13.291 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

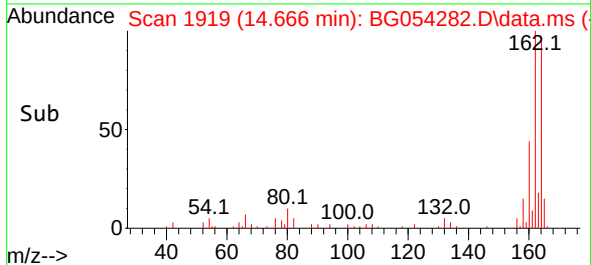
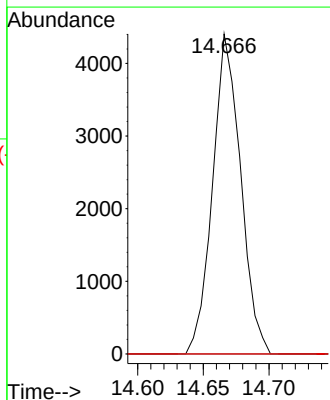
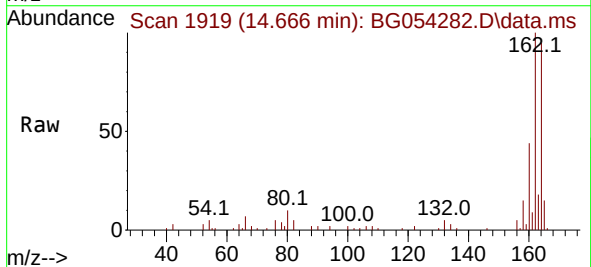
Instrument :
BNA_G
ClientSampleId :
SW-3

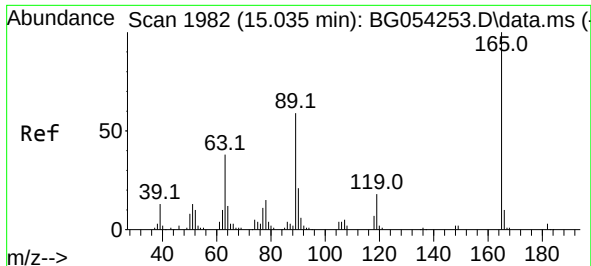
Tgt Ion:172 Resp: 275251
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.085 ng
RT: 14.666 min Scan# 1919
Delta R.T. 0.424 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion:165 Resp: 6542
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

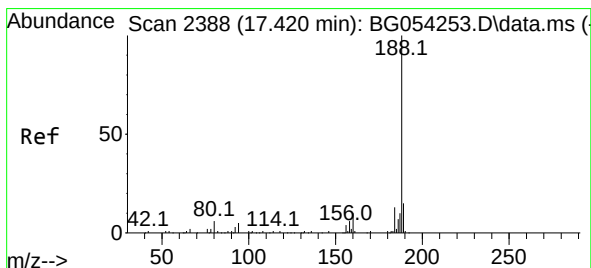
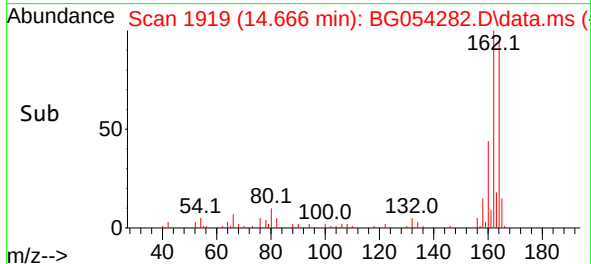
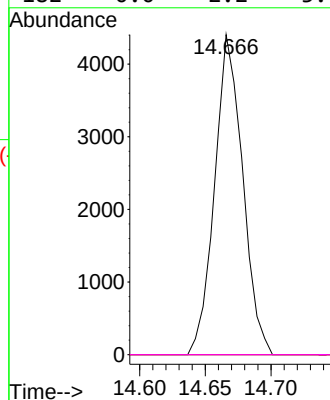
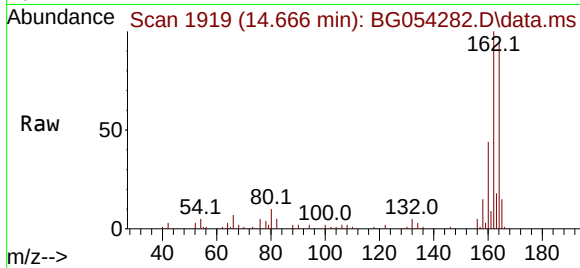




#57
2,4-Dinitrotoluene
Concen: 5.583 ng
RT: 14.666 min Scan# 1982
Delta R.T. -0.369 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

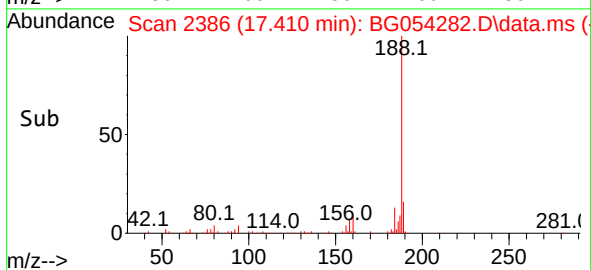
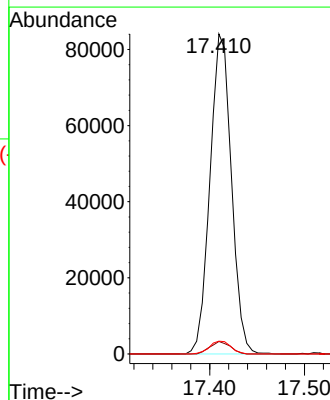
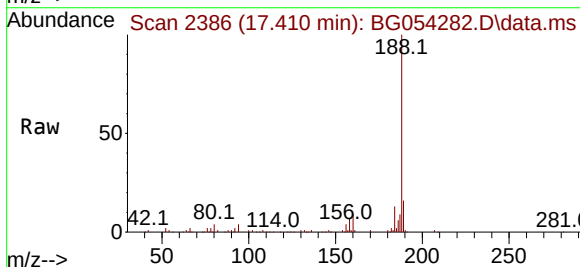
Instrument :
BNA_G
ClientSampleId :
SW-3

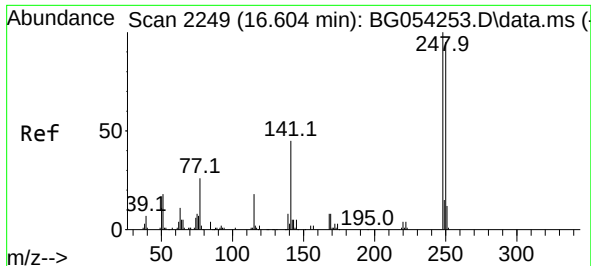
Tgt Ion:165 Resp: 6542
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.410 min Scan# 2386
Delta R.T. -0.010 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion:188 Resp: 132067
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.0 6.8 10.2#

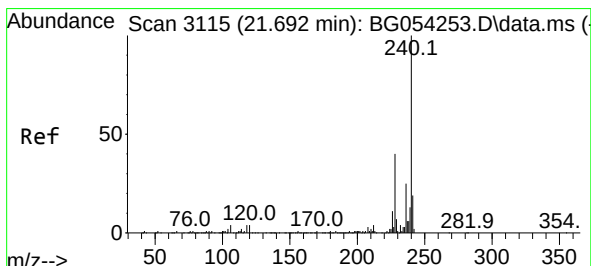
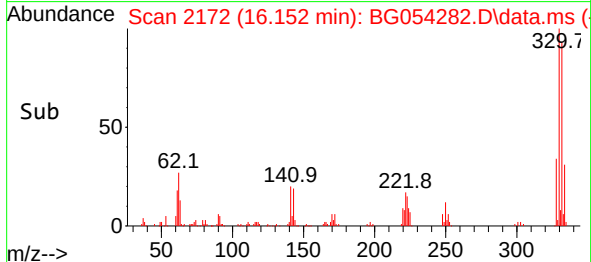
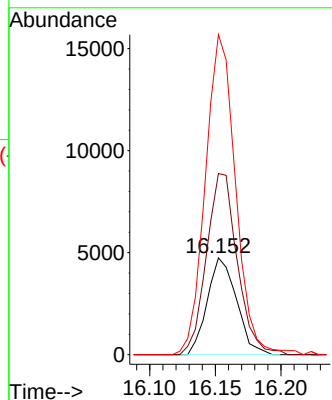
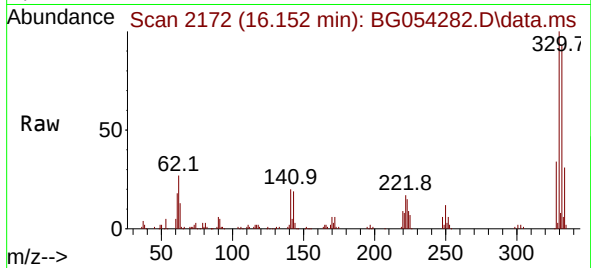




#67
4-Bromophenyl-phenylether
Concen: 4.184 ng
RT: 16.152 min Scan# 2172
Delta R.T. -0.451 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

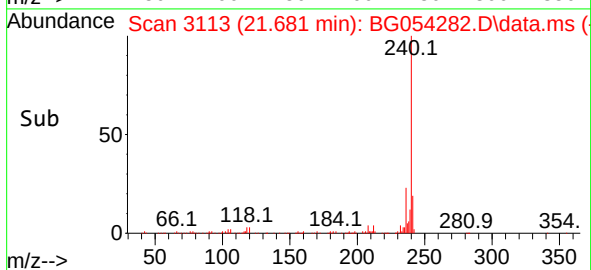
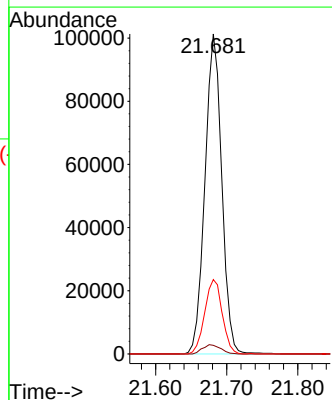
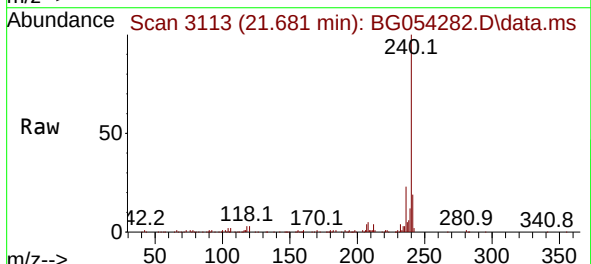
Instrument :
BNA_G
ClientSampleId :
SW-3

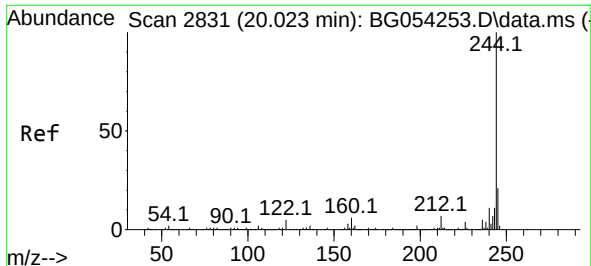
Tgt Ion:248 Resp: 7370
Ion Ratio Lower Upper
248 100
250 187.0 75.2 112.8#
141 330.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.681 min Scan# 3113
Delta R.T. -0.011 min
Lab File: BG054282.D
Acq: 14 Jul 2022 16:14

Tgt Ion:240 Resp: 166438
Ion Ratio Lower Upper
240 100
120 2.7 4.6 7.0#
236 23.2 20.2 30.4

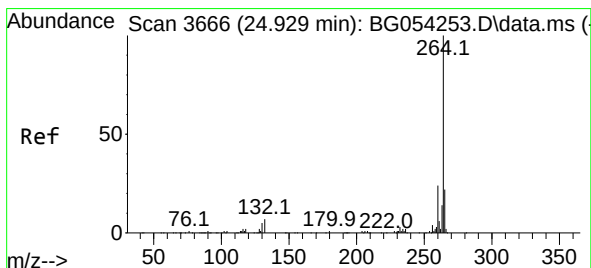
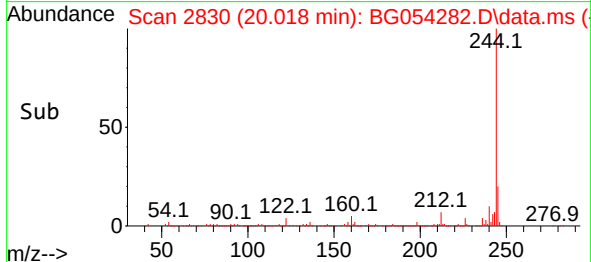
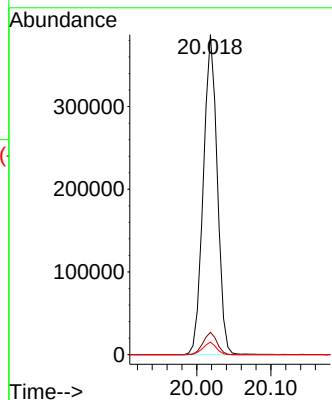
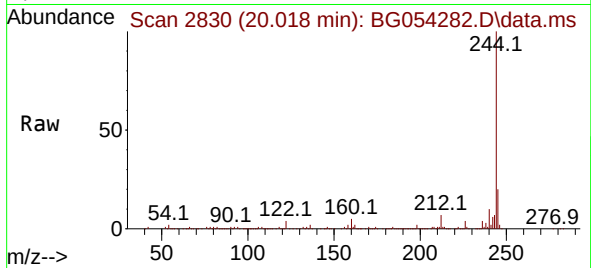




#79
 Terphenyl-d14
 Concen: 62.463 ng
 RT: 20.018 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054282.D
 Acq: 14 Jul 2022 16:14

Instrument :
 BNA_G
 ClientSampleId :
 SW-3

Tgt Ion:244 Resp: 505559
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 3.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.913 min Scan# 3663
 Delta R.T. -0.016 min
 Lab File: BG054282.D
 Acq: 14 Jul 2022 16:14

Tgt Ion:264 Resp: 176324
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.3 17.4 26.2

