

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053366.D
 Acq On : 28 Apr 2022 14:50
 Operator : CG/JU
 Sample : N2557-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Quant Time: Apr 29 03:21:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

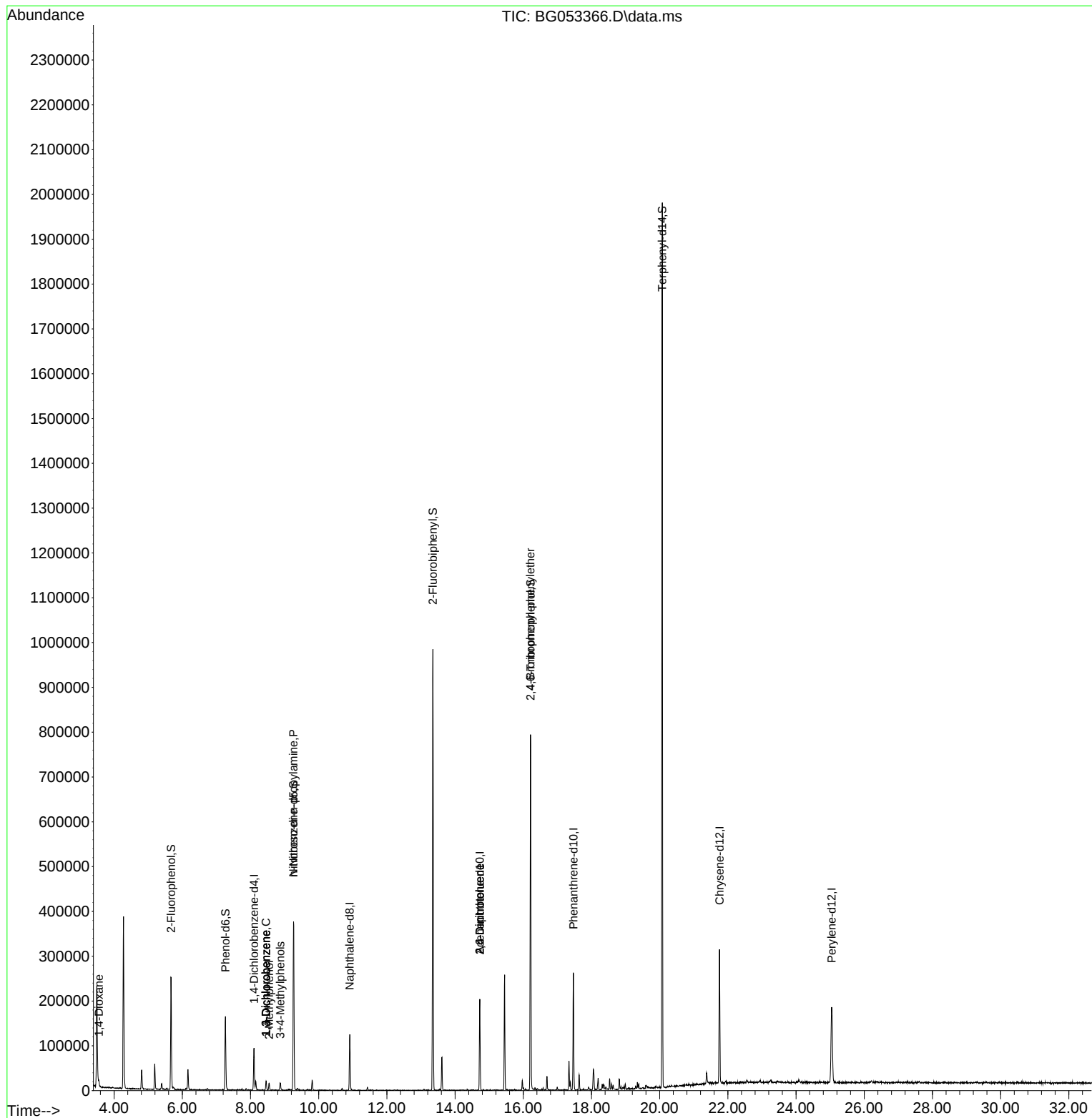
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	25380	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	100767	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	72758	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	169112	20.000	ng	0.00
76) Chrysene-d12	21.757	240	195425	20.000	ng	0.00
86) Perylene-d12	25.047	264	195779	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	107273	72.453	ng	0.00
7) Phenol-d6	7.265	99	93302	40.864	ng	0.00
23) Nitrobenzene-d5	9.262	82	245307	98.845	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	162761	140.608	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	523822	99.274	ng	0.00
79) Terphenyl-d14	20.077	244	979751	84.672	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.558	88	3329	4.708	ng	# 6
12) 1,3-Dichlorobenzene	8.457	146	8932	4.809	ng	96
13) 1,4-Dichlorobenzene	8.457	146	8931	4.716	ng	97
14) 1,2-Dichlorobenzene	8.457	146	8931	4.891	ng	96
17) 2-Methylphenol	8.551	107	4680	3.043	ng	# 85
19) n-Nitroso-di-n-propyla...	9.262	70	34221	20.472	ng	# 73
20) 3+4-Methylphenols	8.875	107	7802	3.594	ng	91
51) 2,6-Dinitrotoluene	14.725	165	9240	7.611	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	9240	5.346	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	10656	4.918	ng	# 1

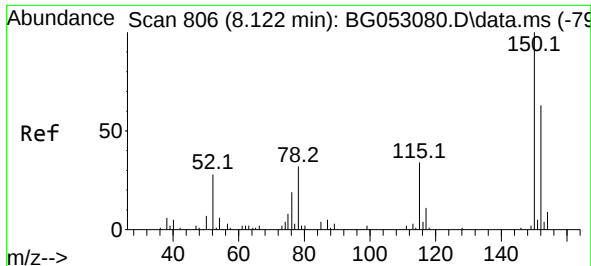
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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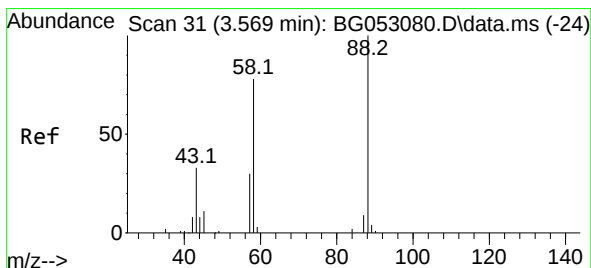
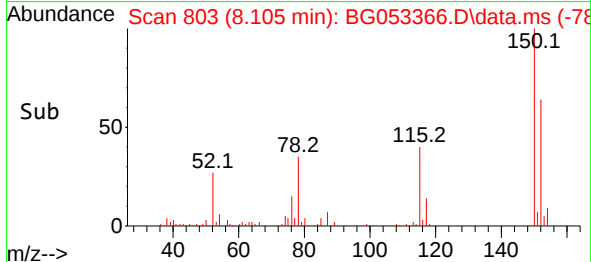
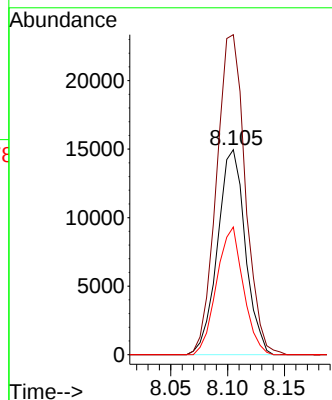
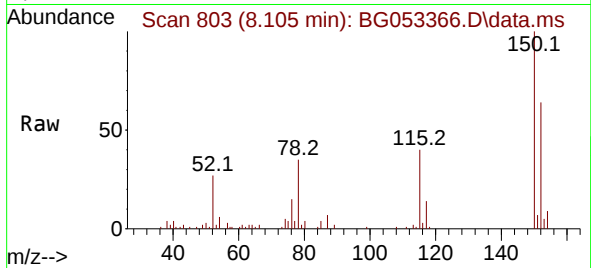




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 80
 Delta R.T. -0.008 min
 Lab File: BG053366.D
 Acq: 28 Apr 2022 14:50

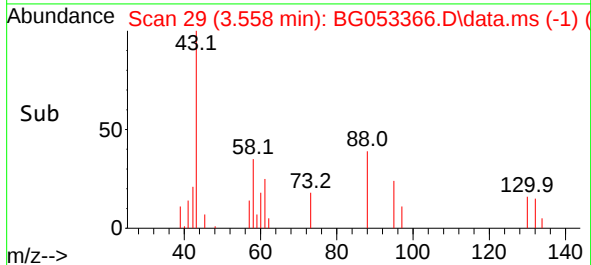
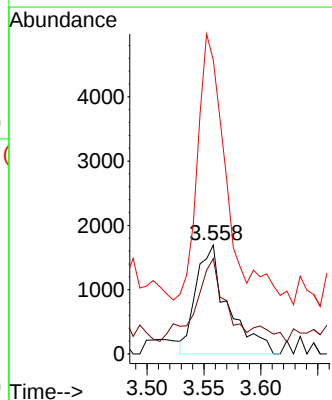
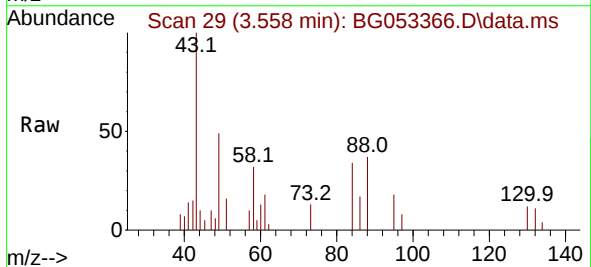
Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

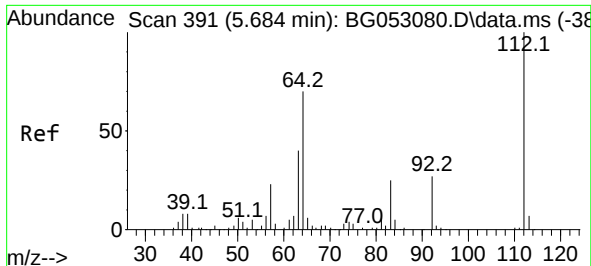
Tgt Ion:152 Resp: 25380
 Ion Ratio Lower Upper
 152 100
 150 156.2 114.6 172.0
 115 62.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 4.708 ng
 RT: 3.558 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: BG053366.D
 Acq: 28 Apr 2022 14:50

Tgt Ion: 88 Resp: 3329
 Ion Ratio Lower Upper
 88 100
 58 67.9 58.2 87.2
 43 198.0 23.4 35.0#

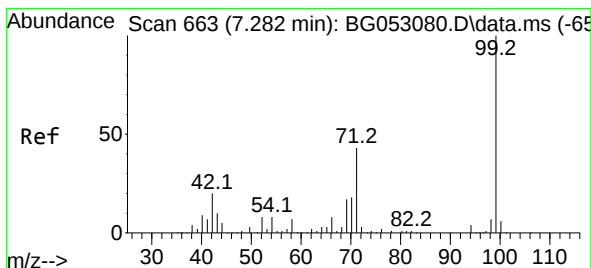
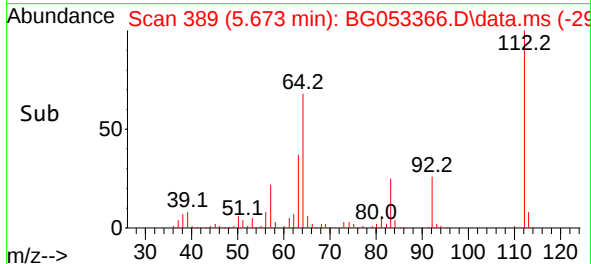
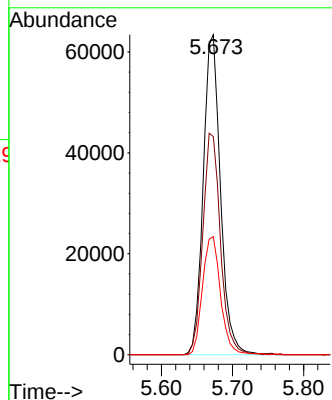
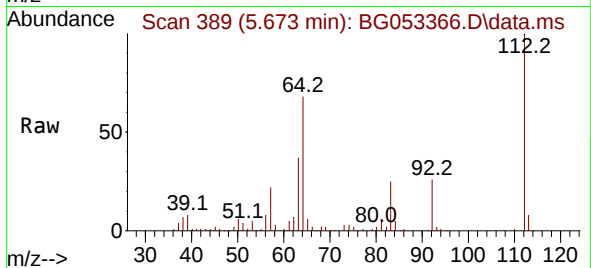




#5
2-Fluorophenol
Concen: 72.453 ng
RT: 5.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

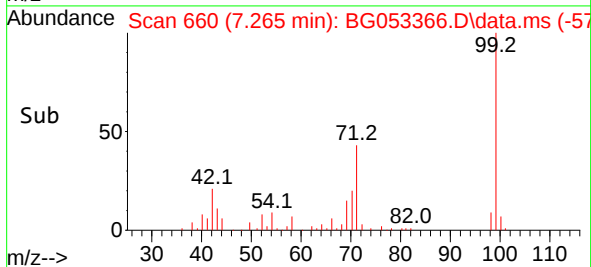
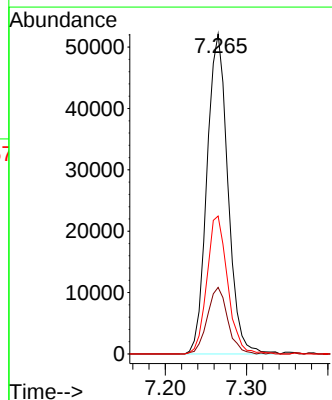
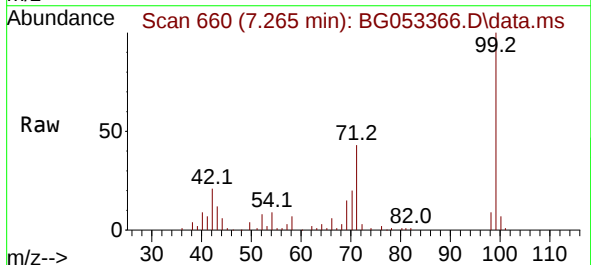
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

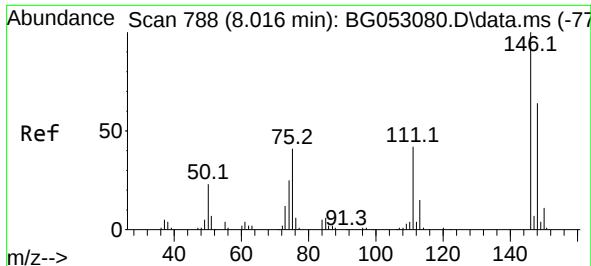
Tgt Ion:112 Resp: 107273
Ion Ratio Lower Upper
112 100
64 68.2 48.0 72.0
63 36.9 26.5 39.7



#7
Phenol-d6
Concen: 40.864 ng
RT: 7.265 min Scan# 660
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 99 Resp: 93302
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 43.1 29.2 43.8





#12

1,3-Dichlorobenzene

Concen: 4.809 ng

RT: 8.457 min Scan# 80

Delta R.T. 0.456 min

Lab File: BG053366.D

Acq: 28 Apr 2022 14:50

Instrument :

BNA_G

ClientSampleId :

PURGE-WATER

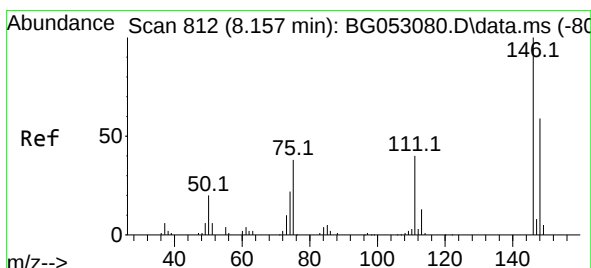
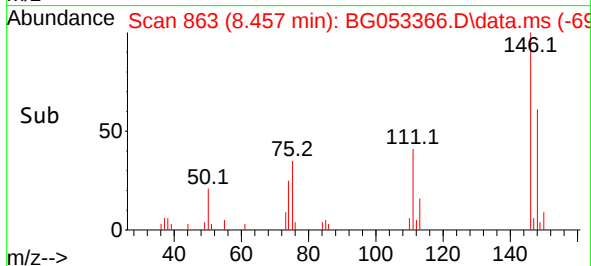
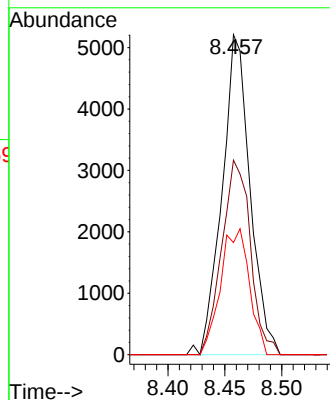
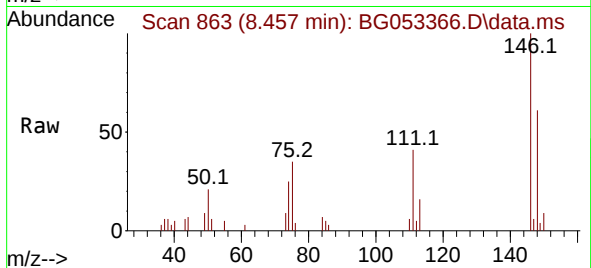
Tgt Ion:146 Resp: 8932

Ion Ratio Lower Upper

146 100

148 60.8 50.6 76.0

75 35.0 25.9 38.9



#13

1,4-Dichlorobenzene

Concen: 4.716 ng

RT: 8.457 min Scan# 863

Delta R.T. 0.309 min

Lab File: BG053366.D

Acq: 28 Apr 2022 14:50

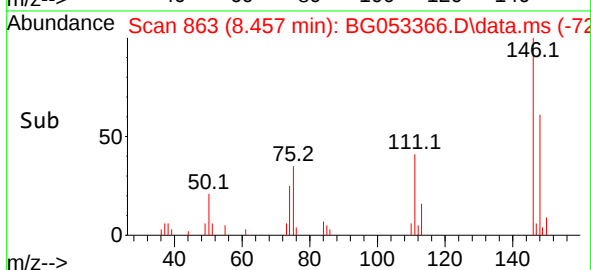
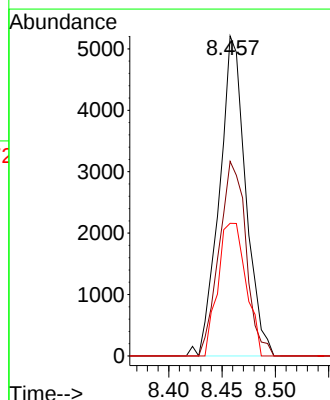
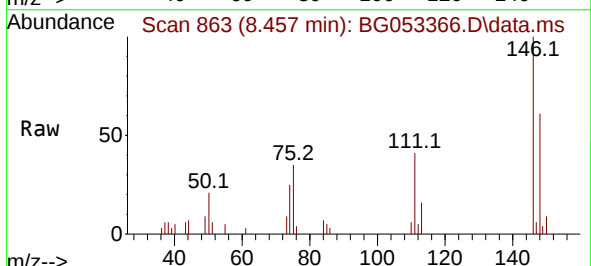
Tgt Ion:146 Resp: 8931

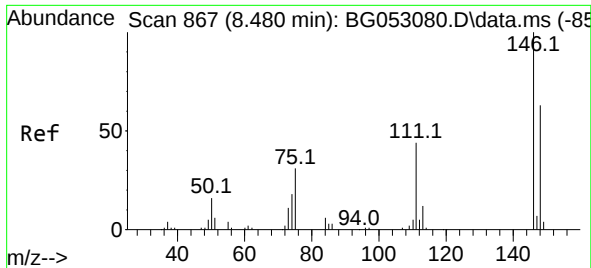
Ion Ratio Lower Upper

146 100

148 60.8 50.0 75.0

111 41.5 31.0 46.4

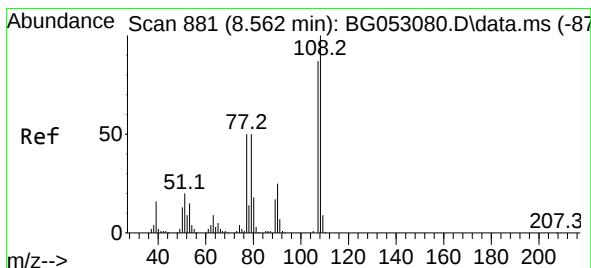
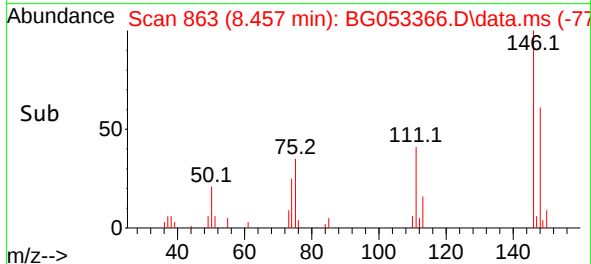
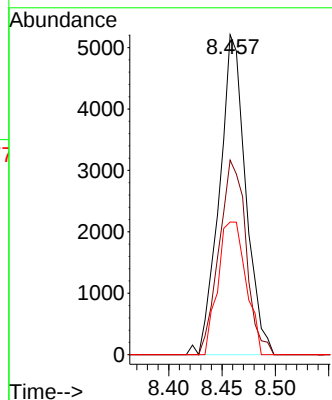
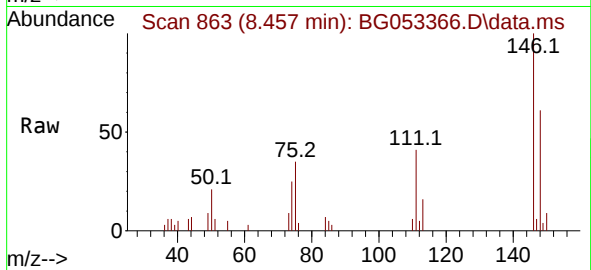




#14
1,2-Dichlorobenzene
Concen: 4.891 ng
RT: 8.457 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

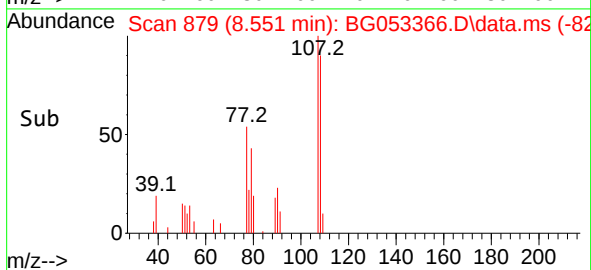
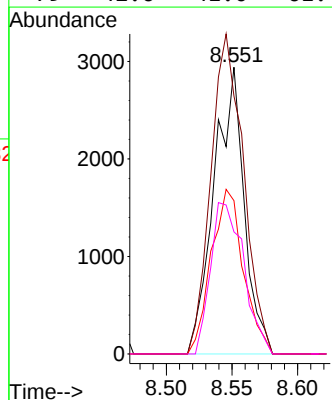
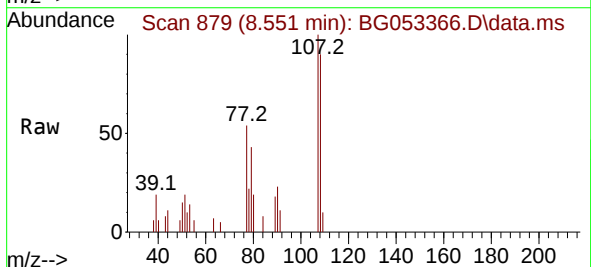
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

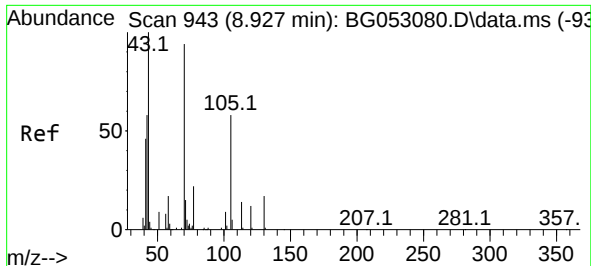
Tgt Ion:146 Resp: 8931
Ion Ratio Lower Upper
146 100
148 60.8 51.0 76.6
111 41.5 34.7 52.1



#17
2-Methylphenol
Concen: 3.043 ng
RT: 8.551 min Scan# 879
Delta R.T. -0.003 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion:107 Resp: 4680
Ion Ratio Lower Upper
107 100
108 90.0 91.5 137.3#
77 53.5 42.5 63.7
79 42.6 41.0 61.4

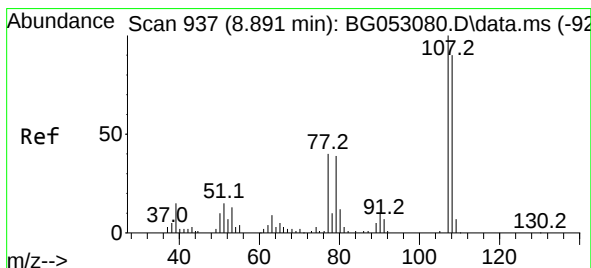
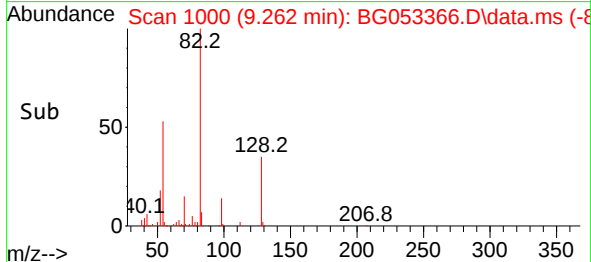
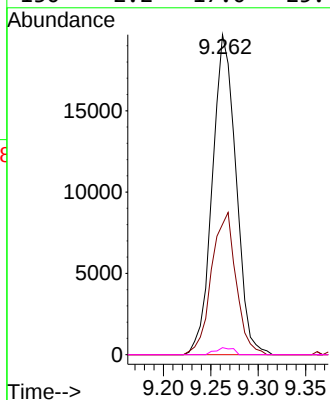
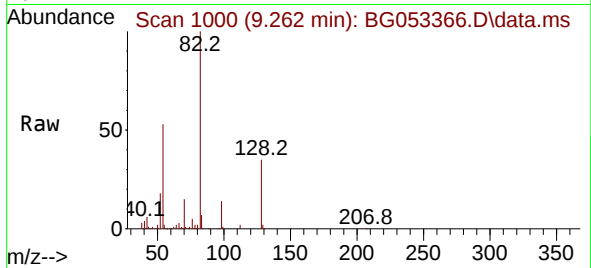




#19
n-Nitroso-di-n-propylamine
Concen: 20.472 ng
RT: 9.262 min Scan# 10
Delta R.T. 0.350 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

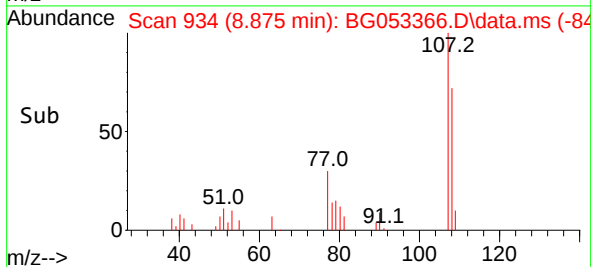
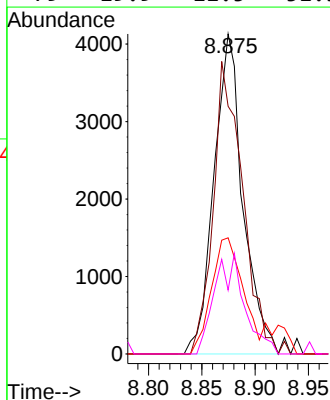
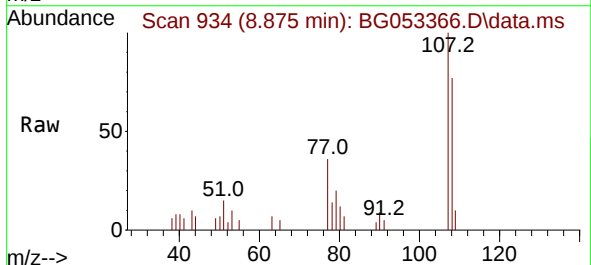
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

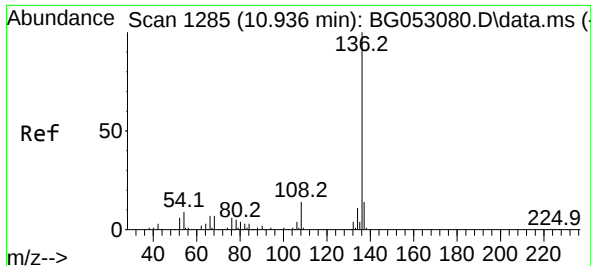
Tgt Ion: 70 Resp: 34221
Ion Ratio Lower Upper
70 100
42 40.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#



#20
3+4-Methylphenols
Concen: 3.594 ng
RT: 8.875 min Scan# 934
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 107 Resp: 7802
Ion Ratio Lower Upper
107 100
108 77.4 64.8 104.8
77 36.3 15.9 55.9
79 19.9 11.5 51.5

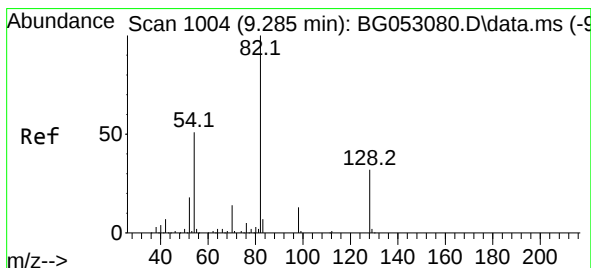
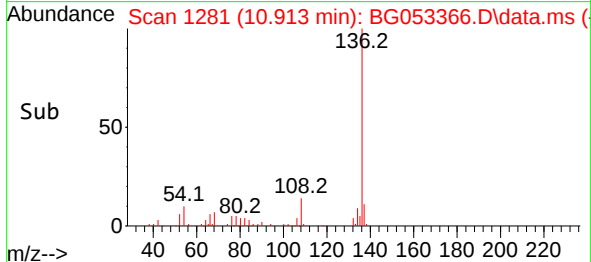
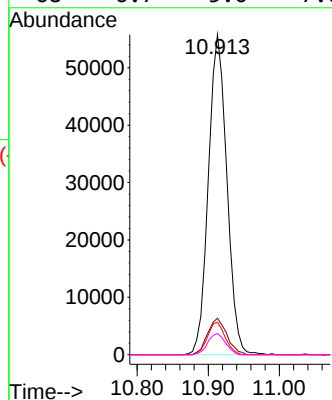
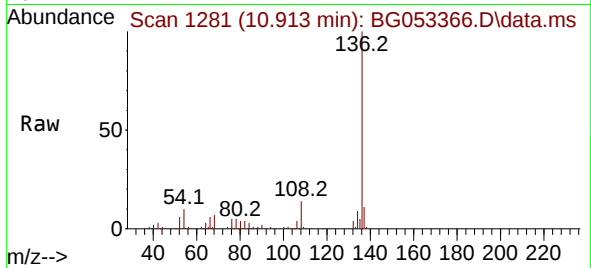




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

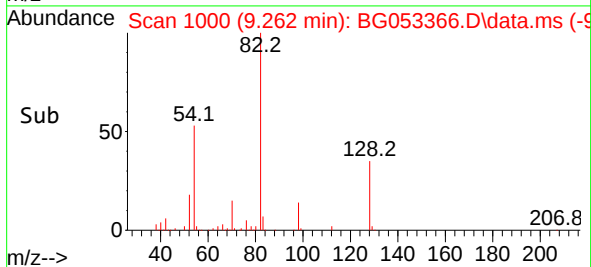
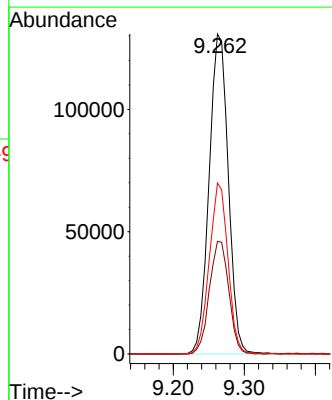
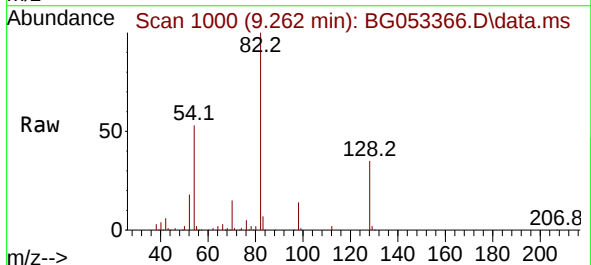
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

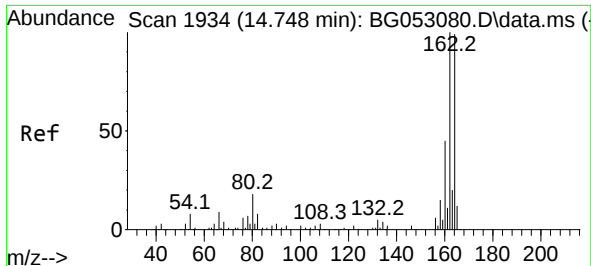
Tgt Ion:136 Resp: 100767
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 10.1 6.4 9.6#
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 98.845 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 82 Resp: 245307
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 53.5 37.8 56.8

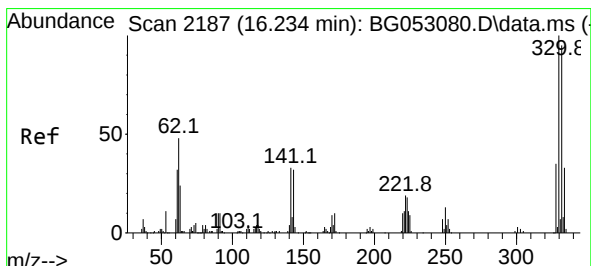
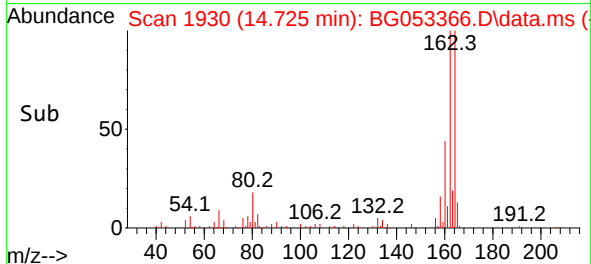
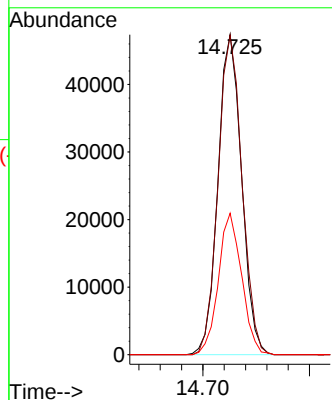
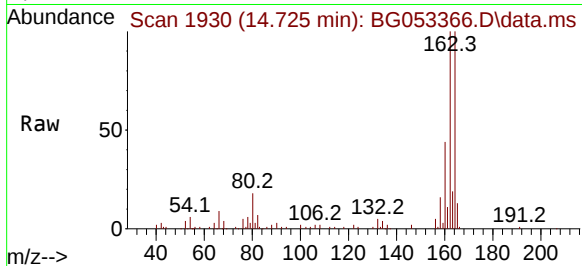




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

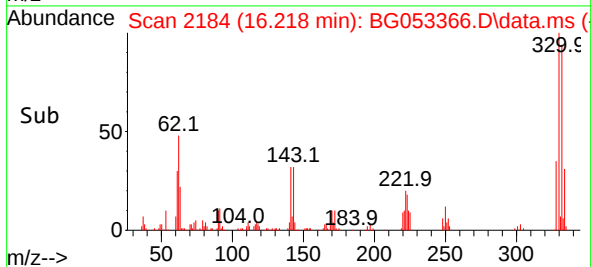
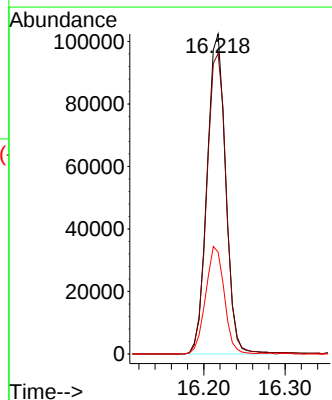
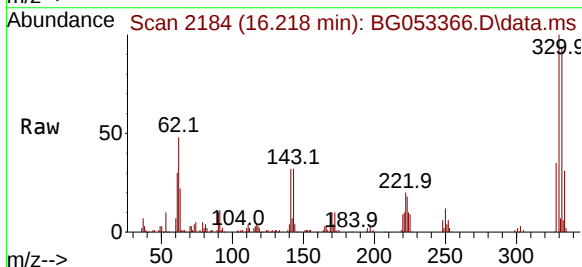
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

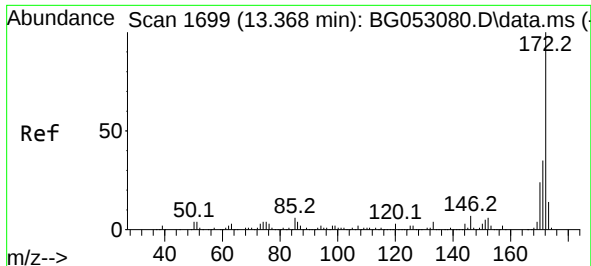
Tgt Ion:164 Resp: 72758
Ion Ratio Lower Upper
164 100
162 99.8 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 140.608 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion:330 Resp: 162761
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 33.6 24.6 36.8

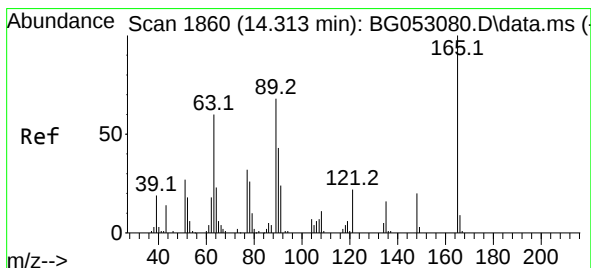
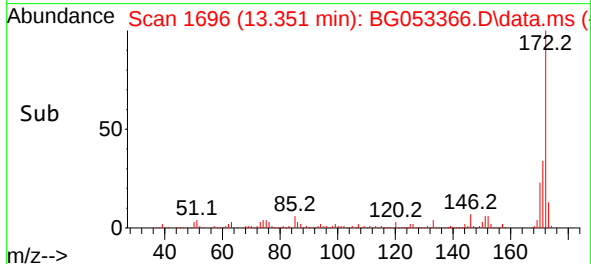
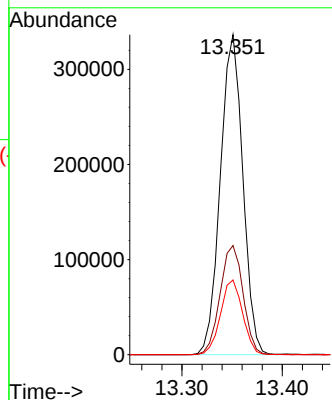
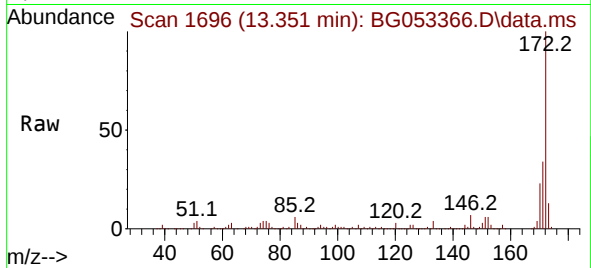




#45
2-Fluorobiphenyl
Concen: 99.274 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

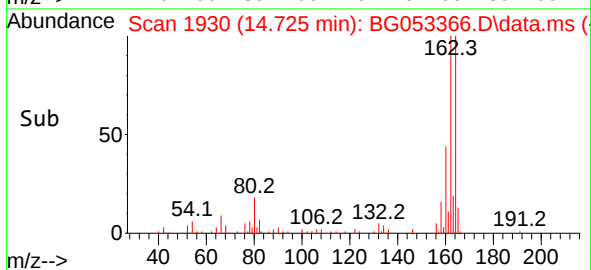
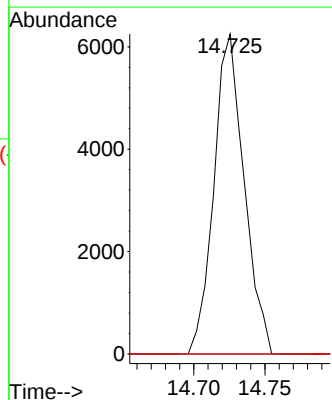
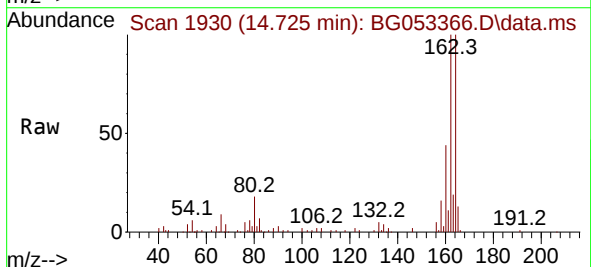
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

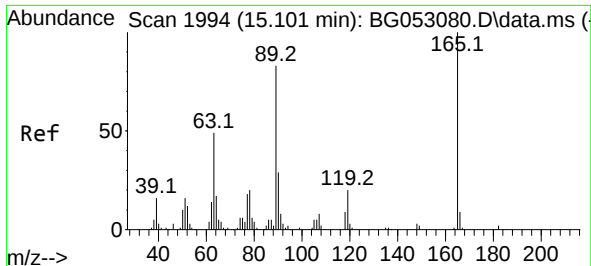
Tgt Ion:172 Resp: 523822
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.611 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion:165 Resp: 9240
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

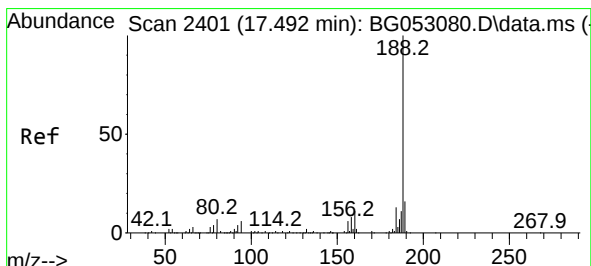
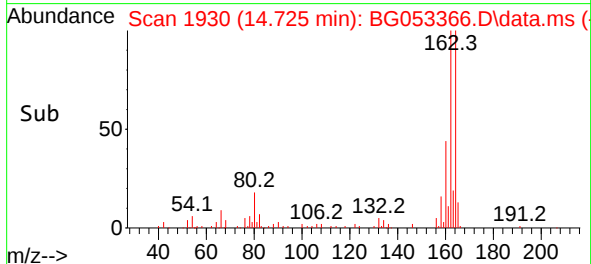
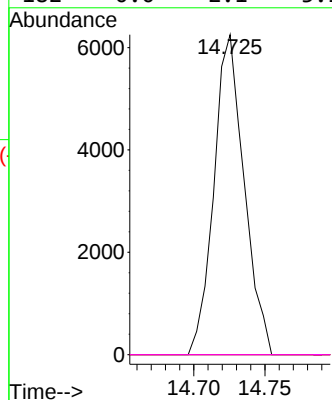
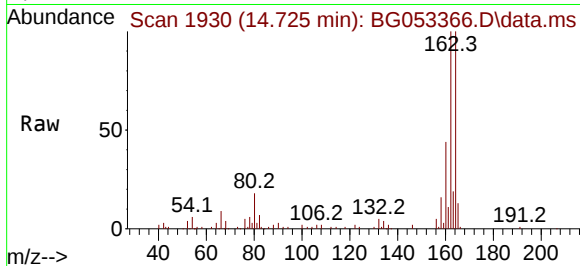




#57
2,4-Dinitrotoluene
Concen: 5.346 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.367 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

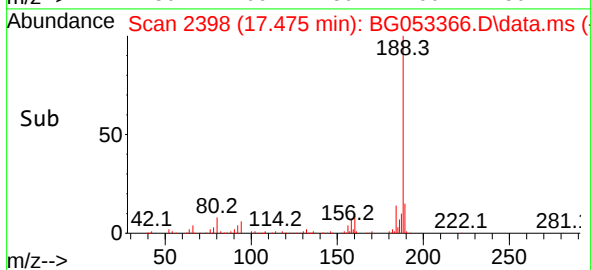
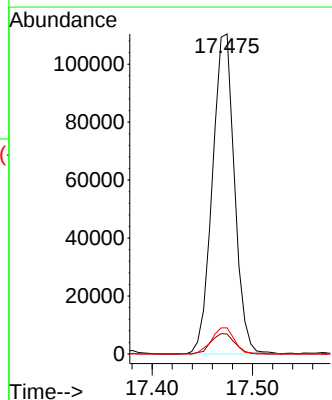
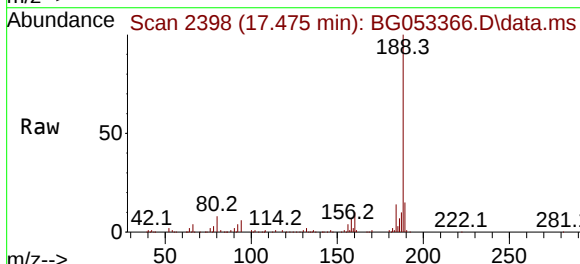
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

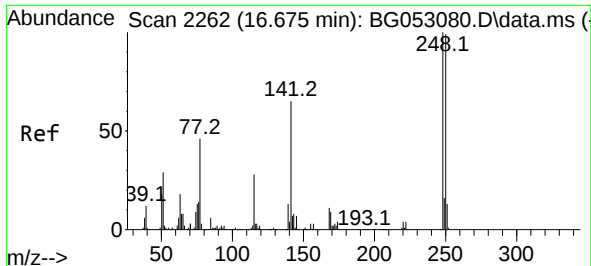
Tgt Ion:165 Resp: 9240
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion:188 Resp: 169112
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.2 7.2 10.8

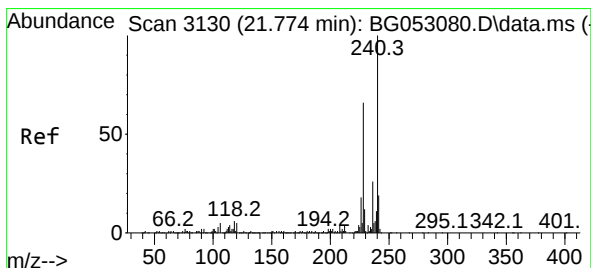
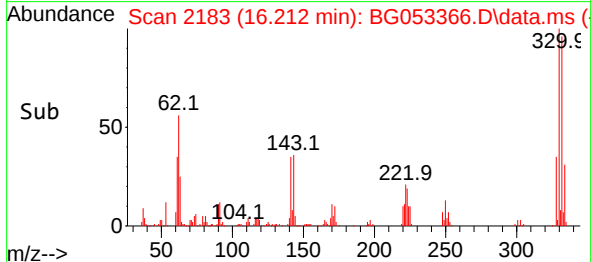
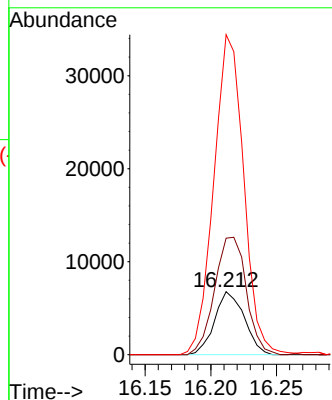
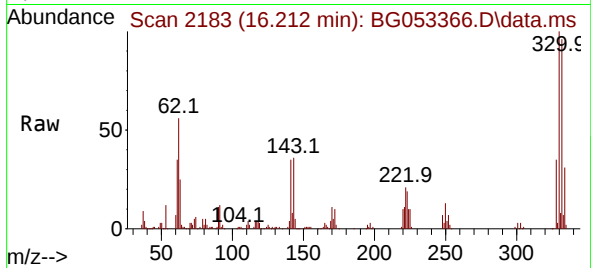




#67
4-Bromophenyl-phenylether
Concen: 4.918 ng
RT: 16.212 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

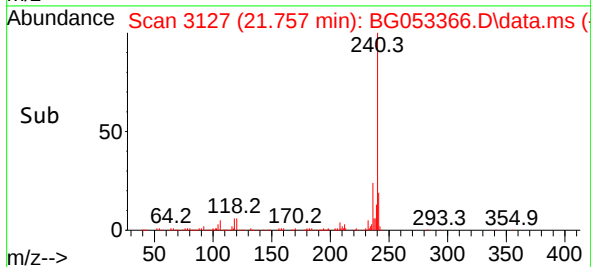
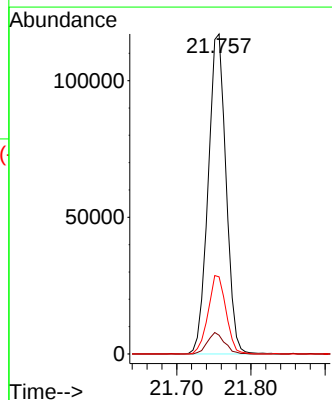
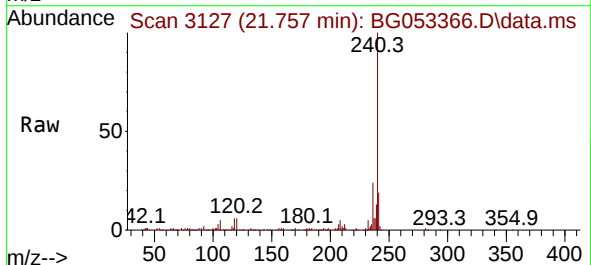
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

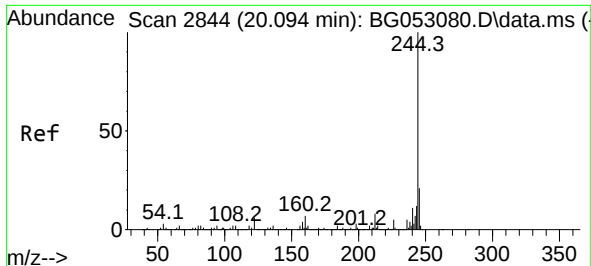
Tgt Ion:248 Resp: 10656
Ion Ratio Lower Upper
248 100
250 185.0 77.9 116.9#
141 508.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053366.D
Acq: 28 Apr 2022 14:50

Tgt Ion:240 Resp: 195425
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.1 19.8 29.6

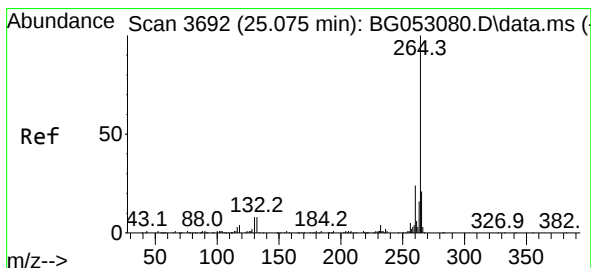
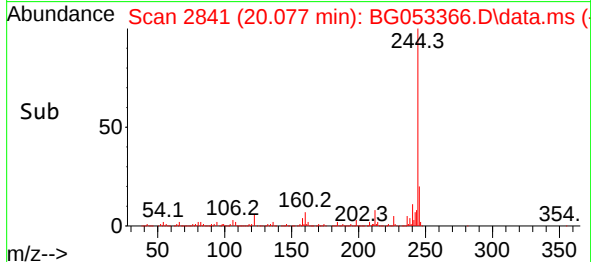
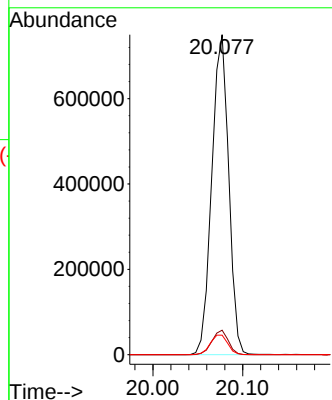
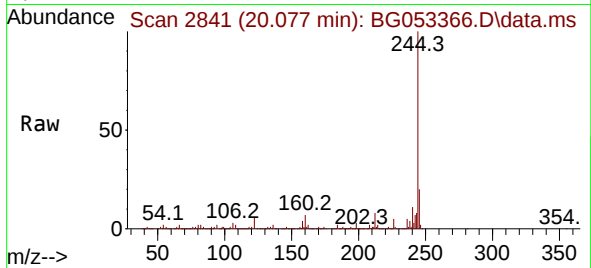




#79
 Terphenyl-d14
 Concen: 84.672 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053366.D
 Acq: 28 Apr 2022 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PURGE-WATER

Tgt Ion:244 Resp: 979751
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.1 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053366.D
 Acq: 28 Apr 2022 14:50

Tgt Ion:264 Resp: 195779
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 23.4 15.1 22.7#

