

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053346.D
 Acq On : 27 Apr 2022 14:14
 Operator : CG/JU
 Sample : N2502-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3

Quant Time: Apr 28 06:40:44 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)

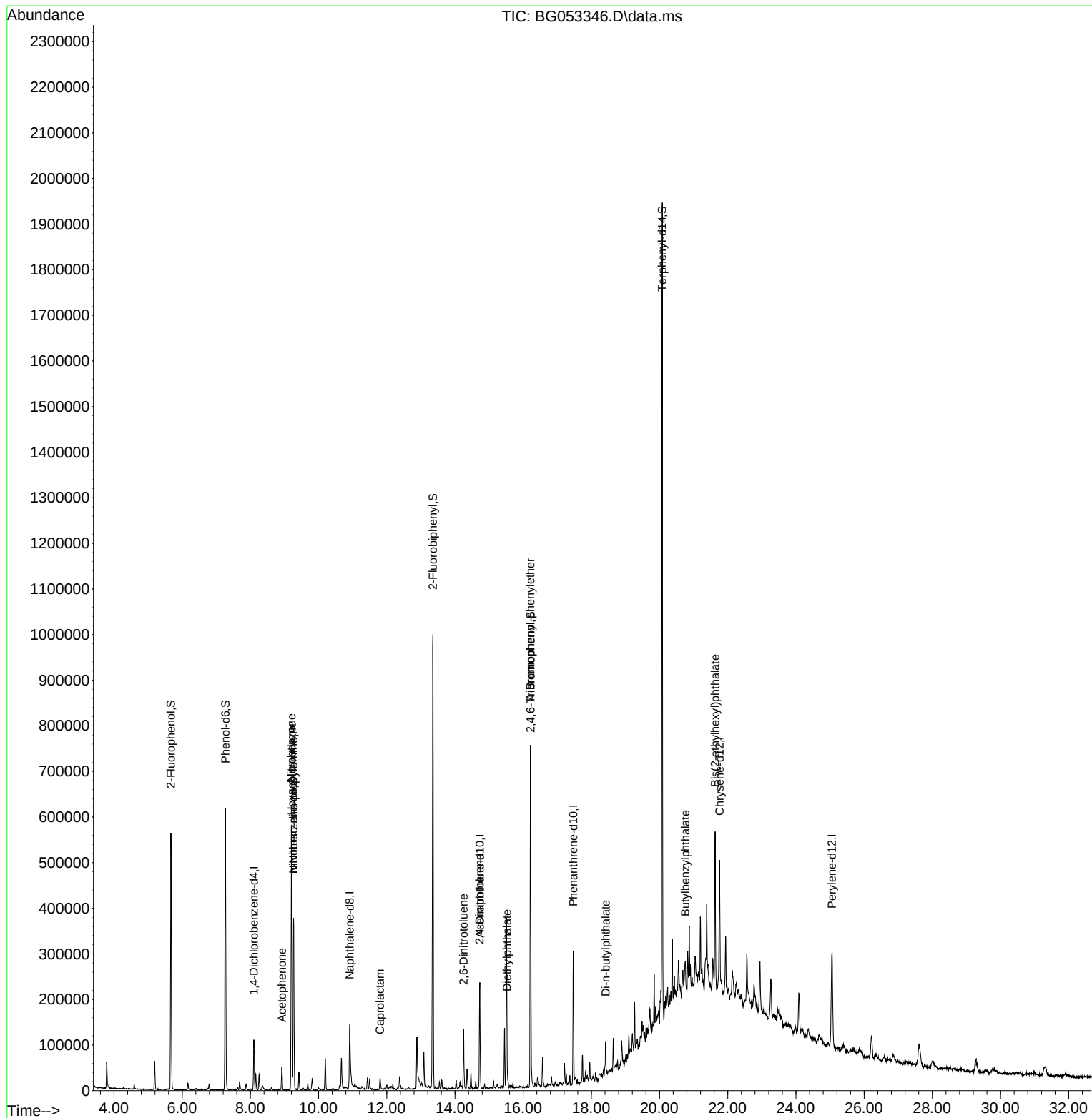
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	29411	20.000	ng	-0.01
21) Naphthalene-d8	10.915	136	115252	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	82962	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	185511	20.000	ng	-0.01
76) Chrysene-d12	21.759	240	171156	20.000	ng	0.00
86) Perylene-d12	25.055	264	180182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	230777	134.505	ng	0.00
7) Phenol-d6	7.267	99	351536	132.863	ng	0.00
23) Nitrobenzene-d5	9.264	82	239553	84.395	ng	-0.01
42) 2,4,6-Tribromophenol	16.220	330	146633	111.095	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	527833	87.731	ng	0.00
79) Terphenyl-d14	20.079	244	884814	87.310	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.212	117	6430	7.814	ng	# 24
19) n-Nitroso-di-n-propyla...	9.264	70	35147	18.145	ng	# 78
22) Acetophenone	8.924	105	26700	8.350	ng	# 95
24) Nitrobenzene	9.206	77	62568	22.662	ng	# 50
35) Caprolactam	11.802	113	4460	6.087	ng	# 76
51) 2,6-Dinitrotoluene	14.252	165	10225	7.386	ng	# 57
57) 2,4-Dinitrotoluene	14.722	165	10759	5.459	ng	# 22
60) Diethylphthalate	15.527	149	26444	3.804	ng	97
67) 4-Bromophenyl-phenylether	16.214	248	9838	4.139	ng	# 1
74) Di-n-butylphthalate	18.423	149	52459	4.740	ng	98
80) Butylbenzylphthalate	20.755	149	14003	3.081	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.630	149	128121	20.857	ng	99

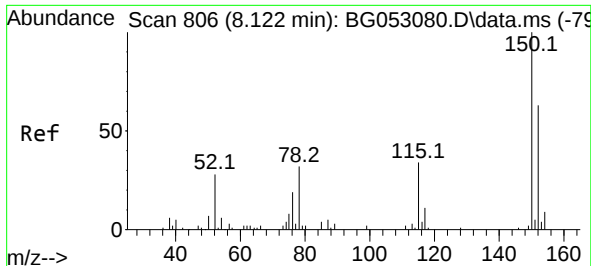
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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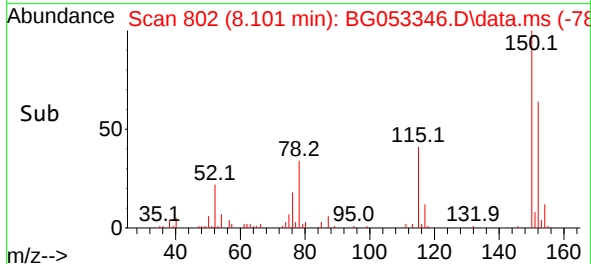
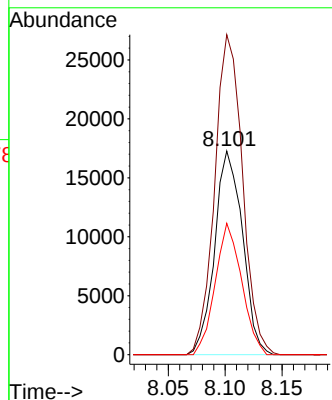
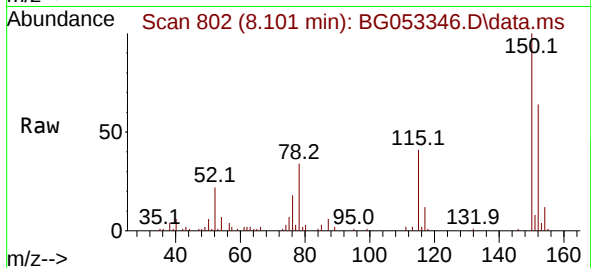




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

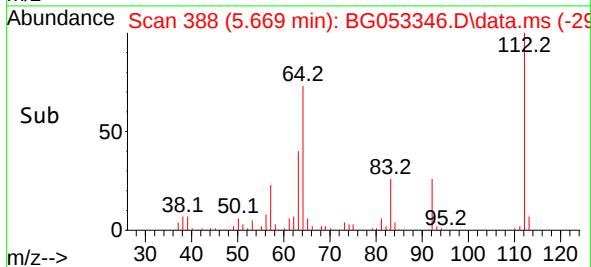
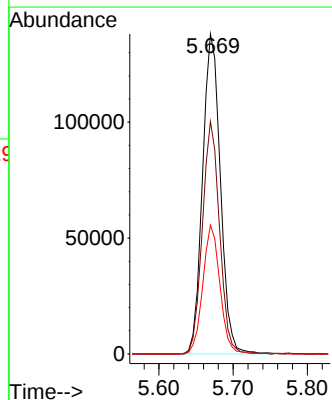
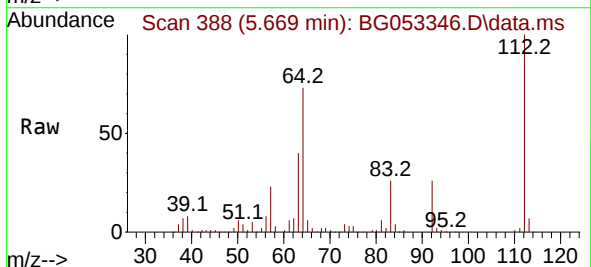
Instrument :
BNA_G
ClientSampleId :
C3

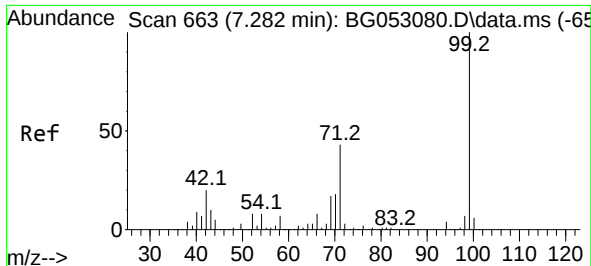
Tgt Ion:152 Resp: 29411
Ion Ratio Lower Upper
152 100
150 157.1 114.6 172.0
115 64.5 45.9 68.9



#5
2-Fluorophenol
Concen: 134.505 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion:112 Resp: 230777
Ion Ratio Lower Upper
112 100
64 72.7 48.0 72.0#
63 40.3 26.5 39.7#

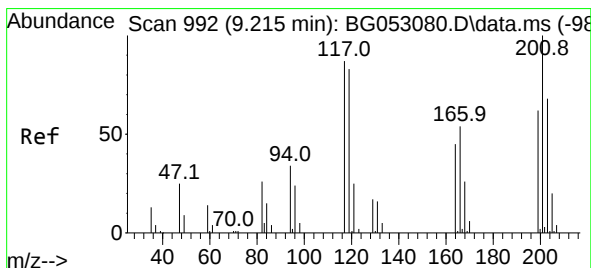
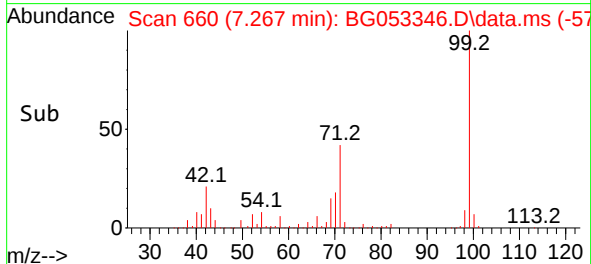
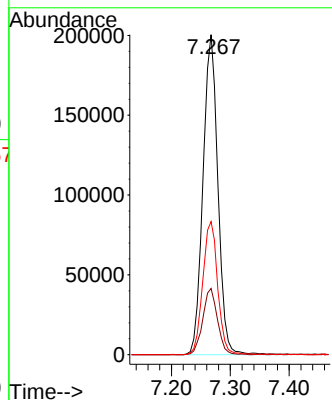
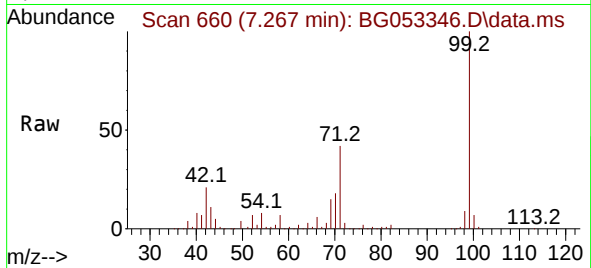




#7
Phenol-d6
Concen: 132.863 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

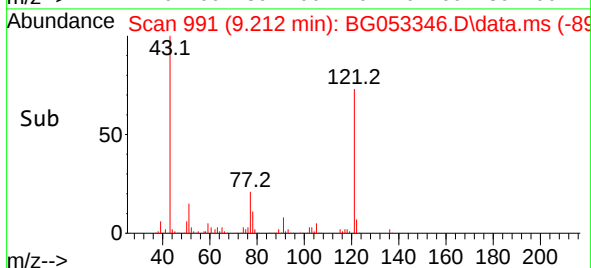
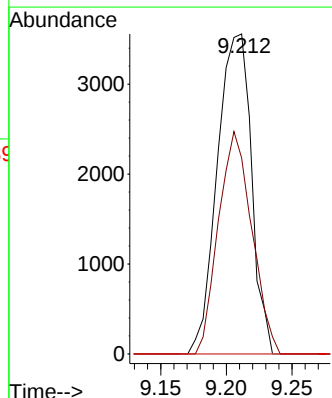
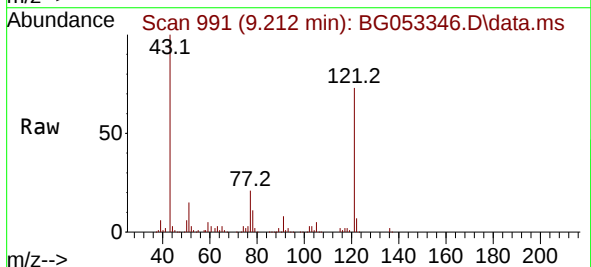
Instrument :
BNA_G
ClientSampleId :
C3

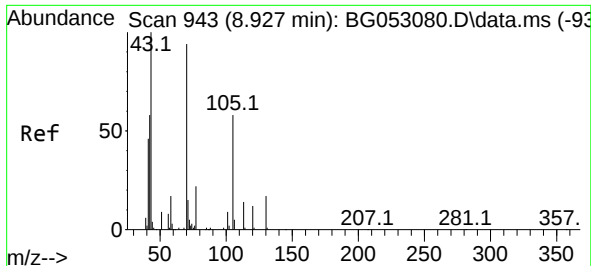
Tgt Ion: 99 Resp: 351536
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 41.6 29.2 43.8



#18
Hexachloroethane
Concen: 7.814 ng
RT: 9.212 min Scan# 991
Delta R.T. 0.011 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion: 117 Resp: 6430
Ion Ratio Lower Upper
117 100
119 61.2 75.1 112.7#
201 0.0 96.6 145.0#

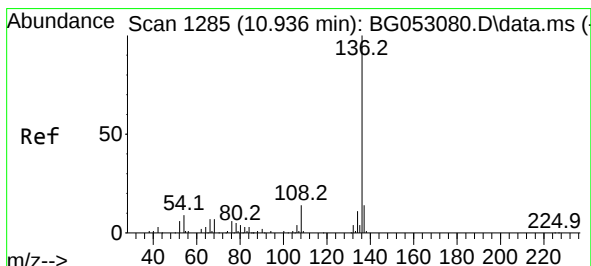
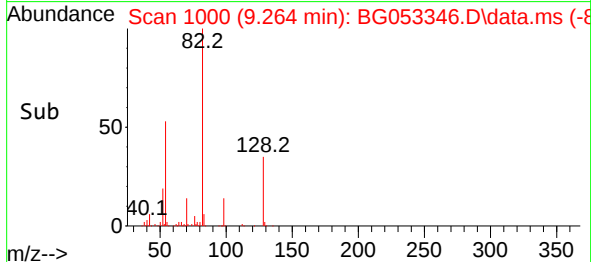
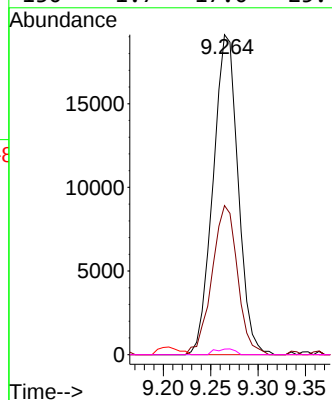
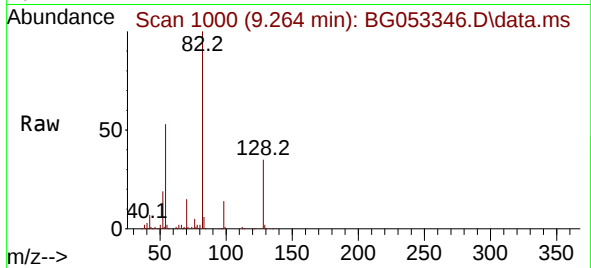




#19
n-Nitroso-di-n-propylamine
Concen: 18.145 ng
RT: 9.264 min Scan# 10
Delta R.T. 0.352 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

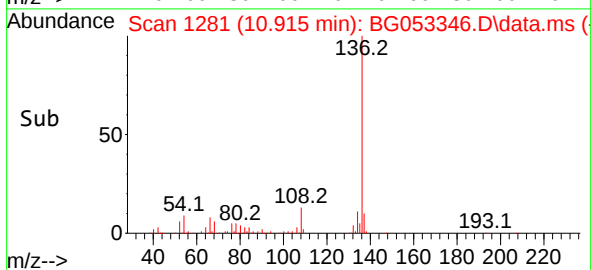
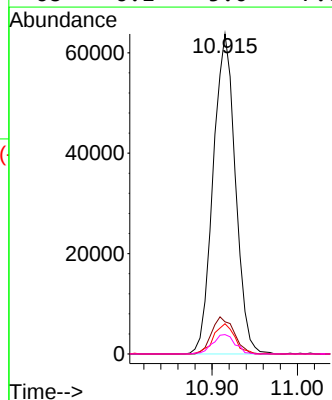
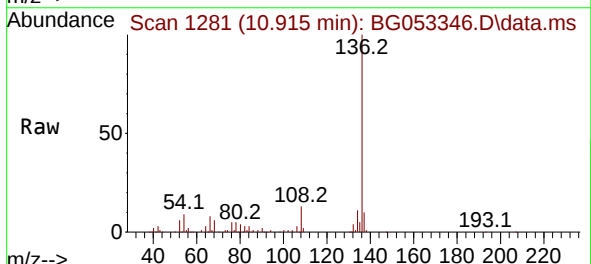
Instrument :
BNA_G
ClientSampleId :
C3

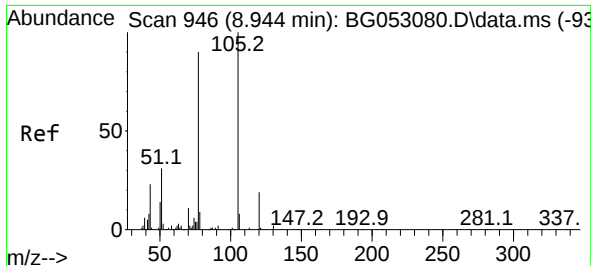
Tgt Ion: 70	Resp: 35147
Ion Ratio	Lower Upper
70 100	
42 46.6	46.0 69.0
101 0.0	6.2 9.4#
130 1.7	17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion: 136	Resp: 115252
Ion Ratio	Lower Upper
136 100	
137 10.1	9.4 14.2
54 9.5	6.4 9.6
68 6.1	5.0 7.6

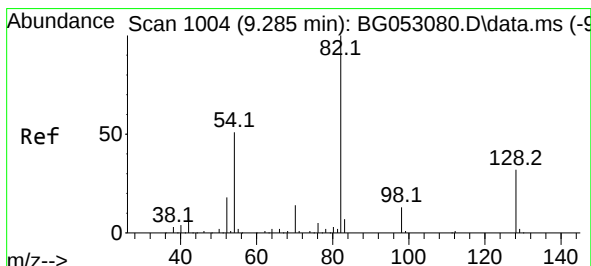
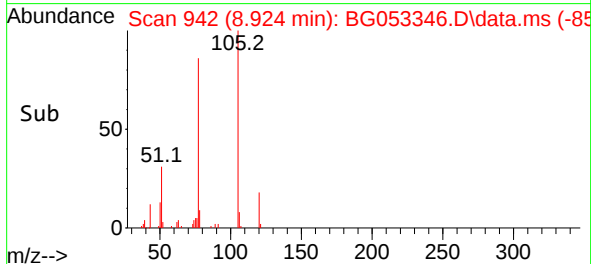
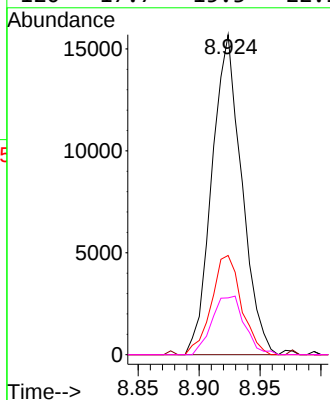
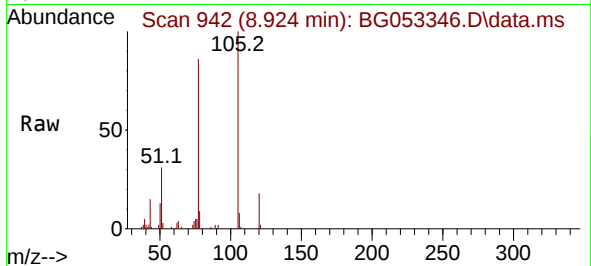




#22
Acetophenone
Concen: 8.350 ng
RT: 8.924 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

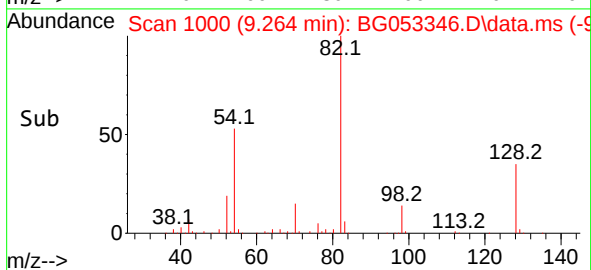
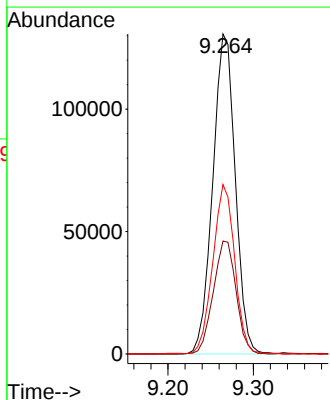
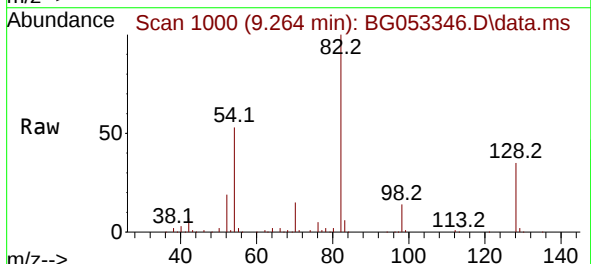
Instrument :
BNA_G
ClientSampleId :
C3

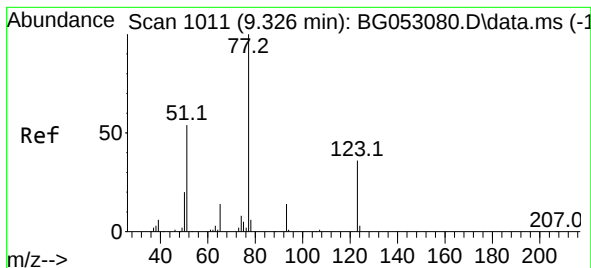
Tgt Ion:	105	Resp:	26700
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.1	3.1#
51	31.0	21.9	32.9
120	17.7	15.3	22.9



#23
Nitrobenzene-d5
Concen: 84.395 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion:	82	Resp:	239553
Ion Ratio	Lower	Upper	
82	100		
128	35.3	31.3	46.9
54	52.9	37.8	56.8





#24

Nitrobenzene

Concen: 22.662 ng

RT: 9.206 min Scan# 91

Delta R.T. -0.112 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

Instrument :

BNA_G

ClientSampleId :

C3

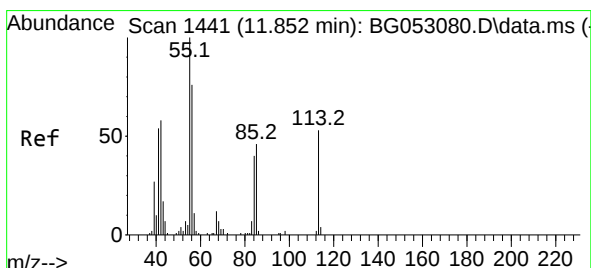
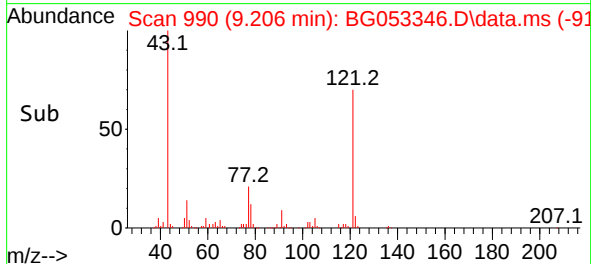
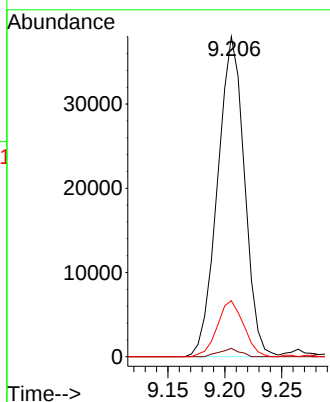
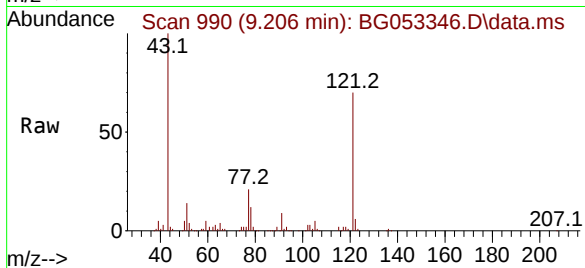
Tgt Ion: 77 Resp: 62568

Ion Ratio Lower Upper

77 100

123 2.6 34.4 51.6#

65 17.5 11.2 16.8#



#35

Caprolactam

Concen: 6.087 ng

RT: 11.802 min Scan# 1432

Delta R.T. -0.047 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

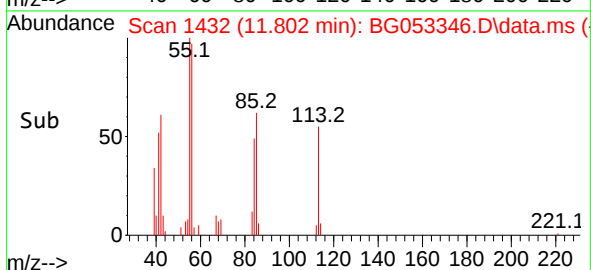
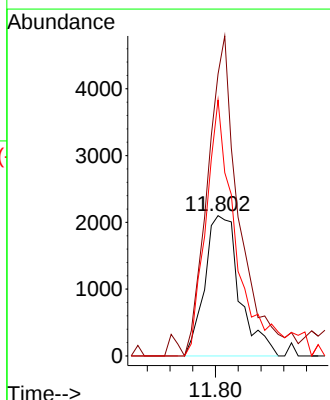
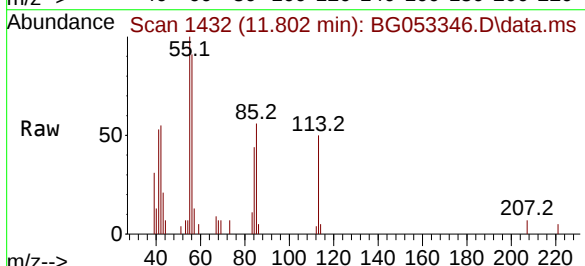
Tgt Ion: 113 Resp: 4460

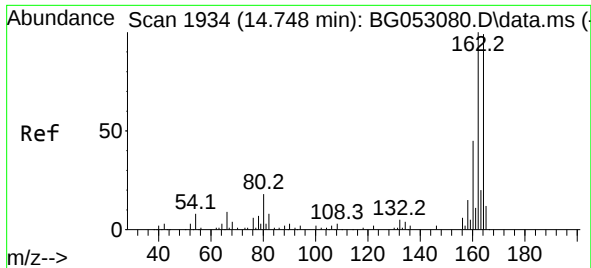
Ion Ratio Lower Upper

113 100

55 201.0 151.3 191.3#

56 182.4 128.5 168.5#

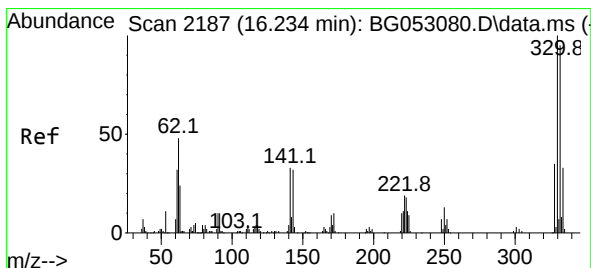
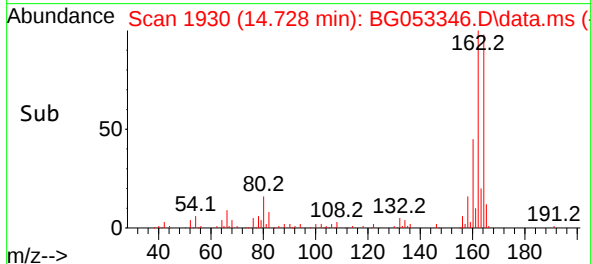
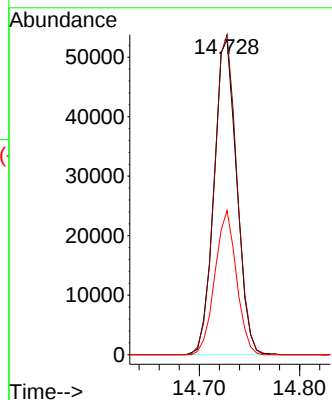
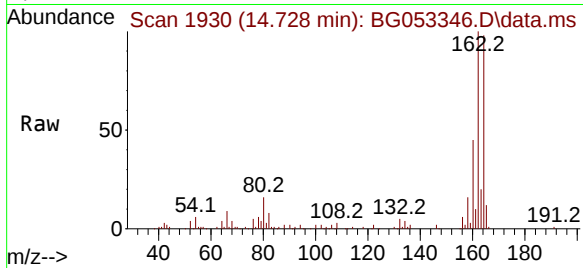




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

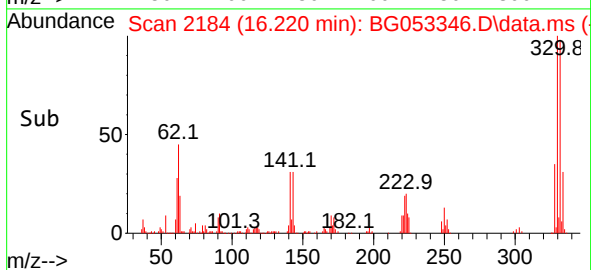
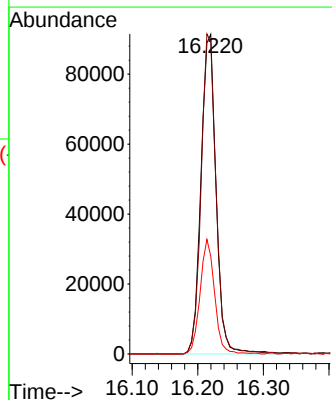
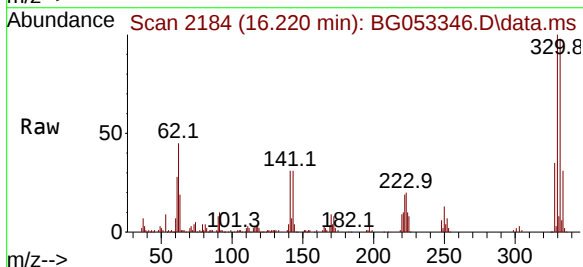
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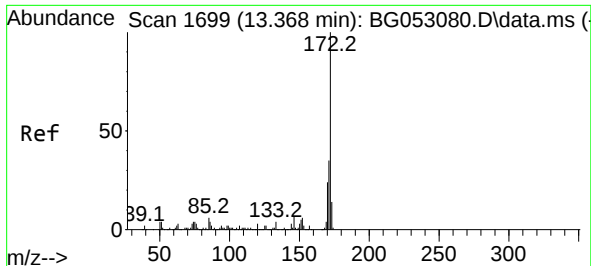
Tgt Ion:164 Resp: 82962
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 45.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 111.095 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion:330 Resp: 146633
Ion Ratio Lower Upper
330 100
332 98.5 75.8 113.6
141 34.3 24.6 36.8

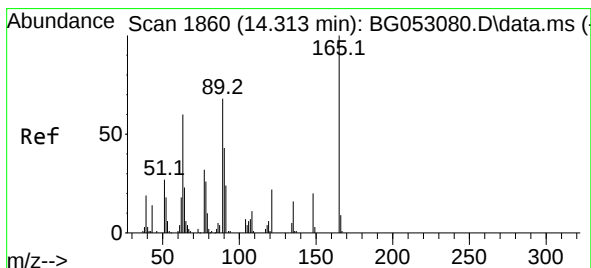
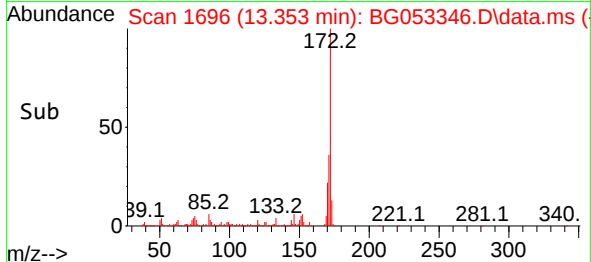
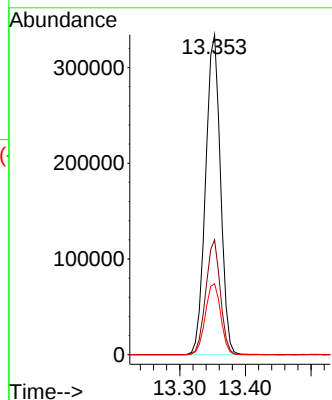
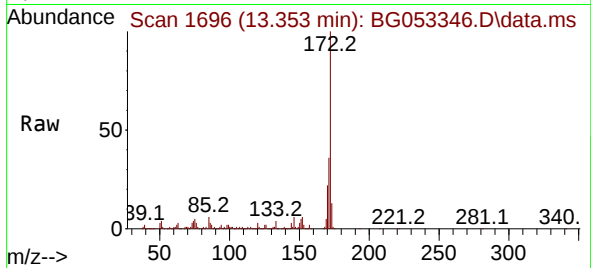




#45
2-Fluorobiphenyl
Concen: 87.731 ng
RT: 13.353 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

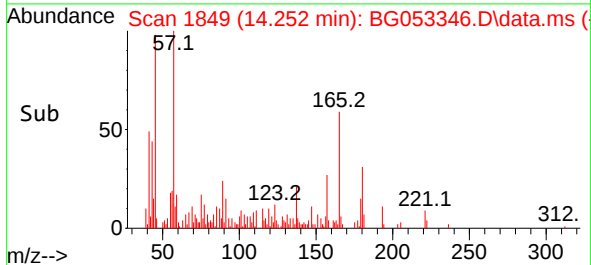
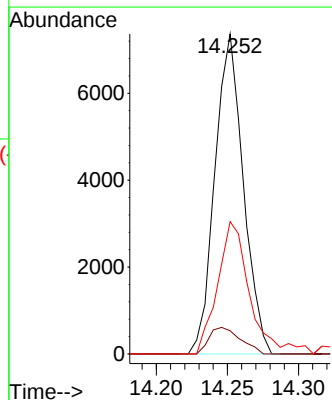
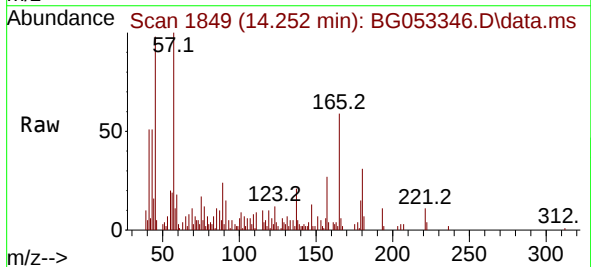
Instrument :
BNA_G
ClientSampleId :
C3

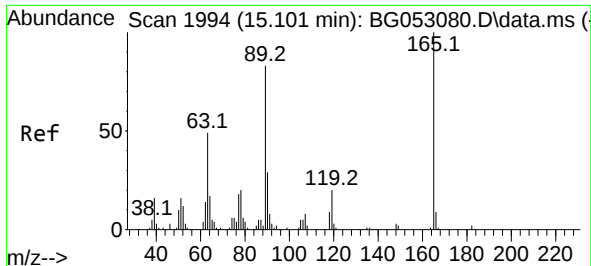
Tgt Ion:172 Resp: 527833
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 14.252 min Scan# 1849
Delta R.T. -0.053 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion:165 Resp: 10225
Ion Ratio Lower Upper
165 100
63 7.2 43.7 65.5#
89 41.3 45.0 67.4#

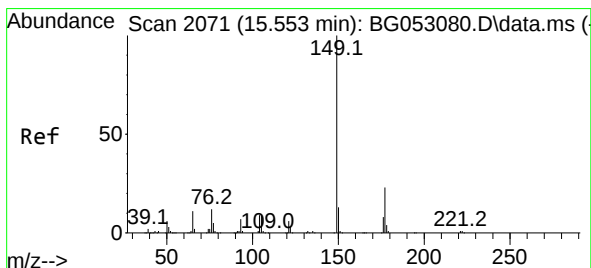
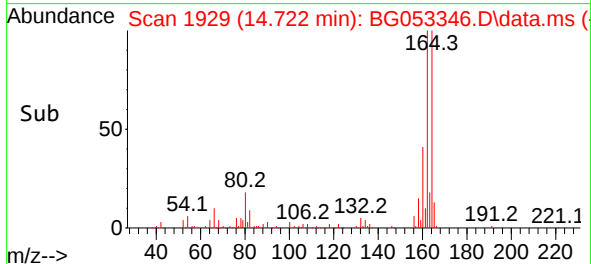
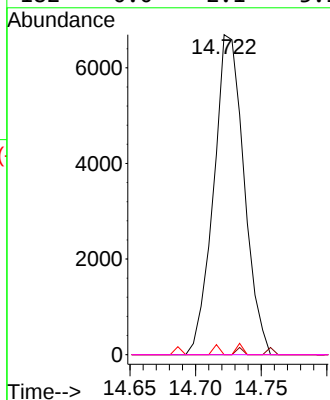
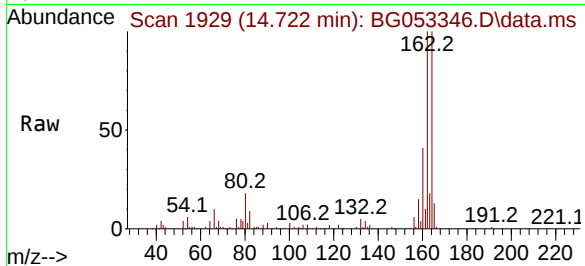




#57
2,4-Dinitrotoluene
Concen: 5.459 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.370 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

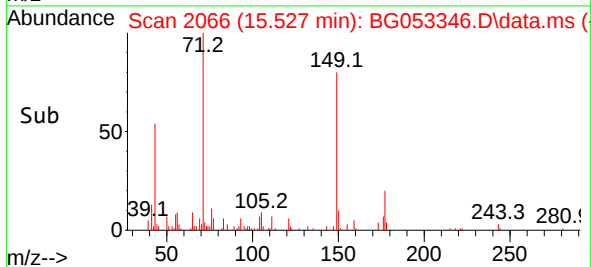
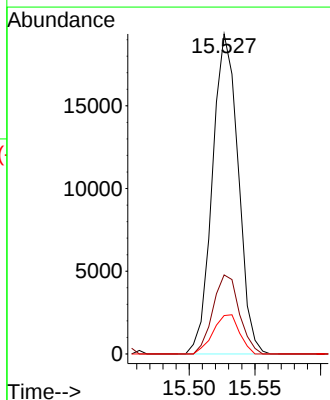
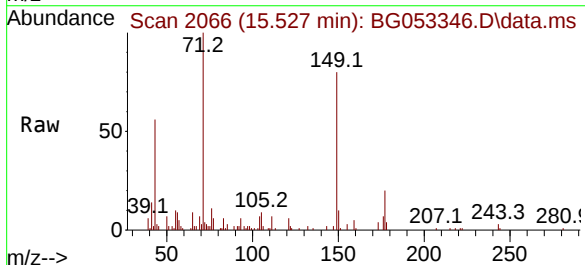
Instrument :
BNA_G
ClientSampleId :
C3

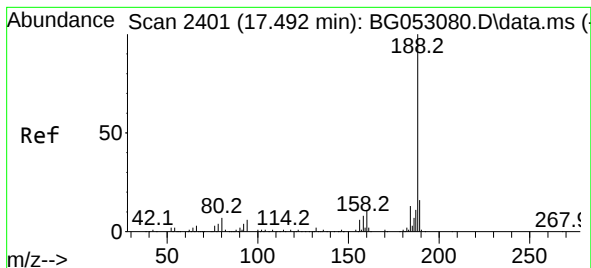
Tgt Ion:165 Resp: 10759
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 3.804 ng
RT: 15.527 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BG053346.D
Acq: 27 Apr 2022 14:14

Tgt Ion:149 Resp: 26444
Ion Ratio Lower Upper
149 100
177 24.7 18.2 27.2
150 12.0 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.471 min Scan# 2183

Delta R.T. -0.012 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

Instrument :

BNA_G

ClientSampleId :

C3

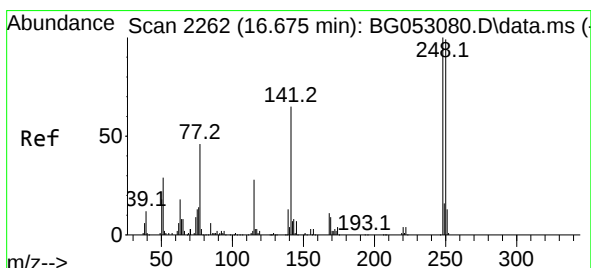
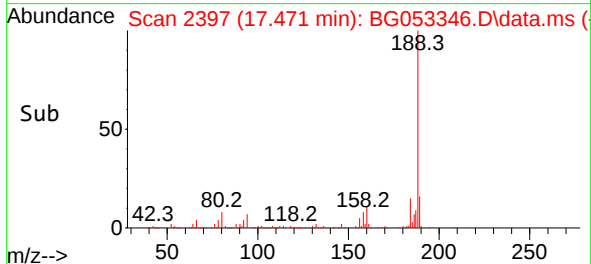
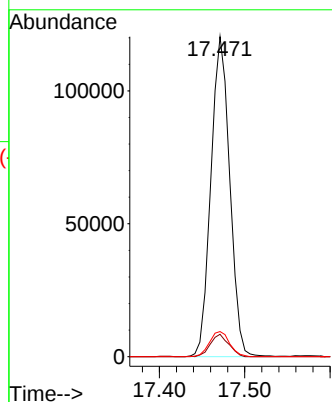
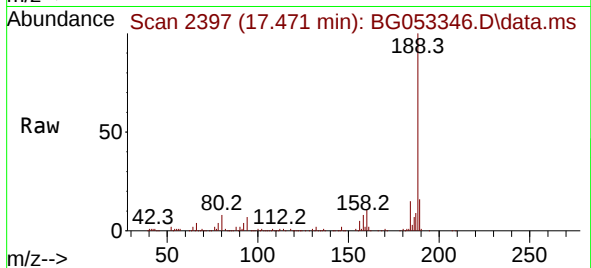
Tgt Ion:188 Resp: 185511

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.9 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.139 ng

RT: 16.214 min Scan# 2183

Delta R.T. -0.447 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

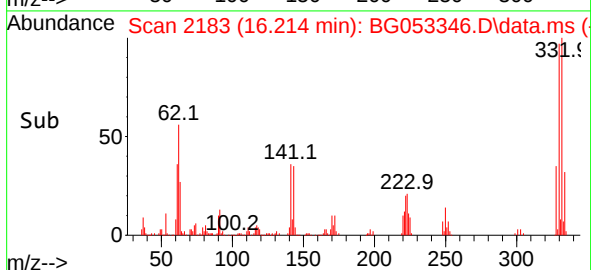
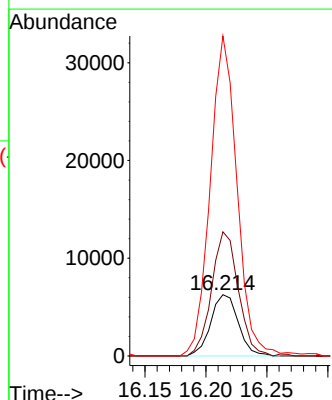
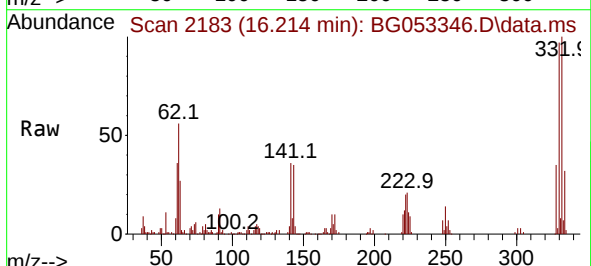
Tgt Ion:248 Resp: 9838

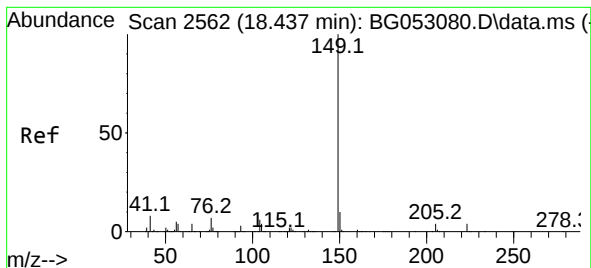
Ion Ratio Lower Upper

248 100

250 202.5 77.9 116.9#

141 522.2 49.2 73.8#





#74

Di-n-butylphthalate

Concen: 4.740 ng

RT: 18.423 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

Instrument :

BNA_G

ClientSampleId :

C3

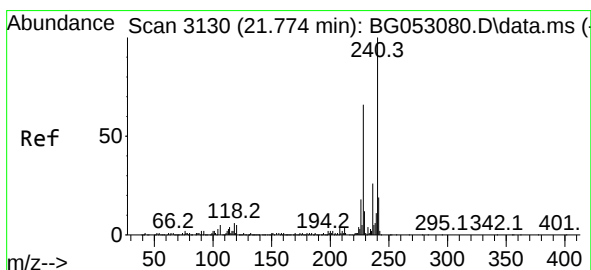
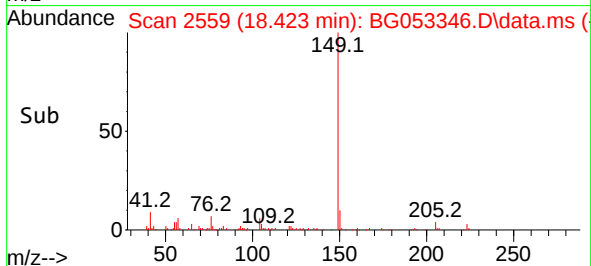
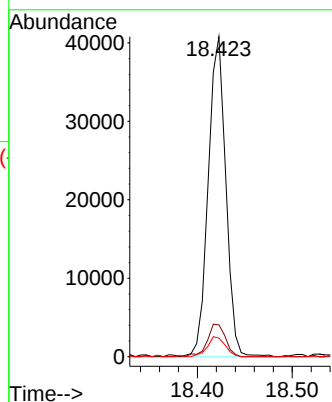
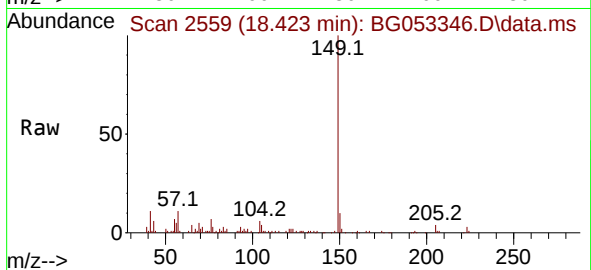
Tgt Ion:149 Resp: 52459

Ion Ratio Lower Upper

149 100

150 9.9 7.0 10.6

104 5.8 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.759 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BG053346.D

Acq: 27 Apr 2022 14:14

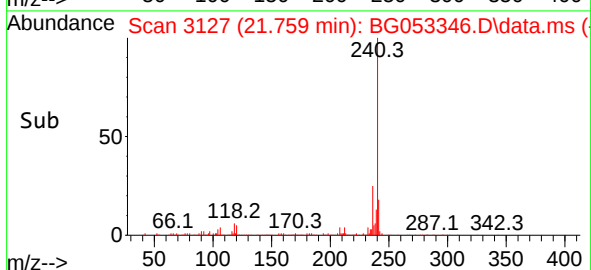
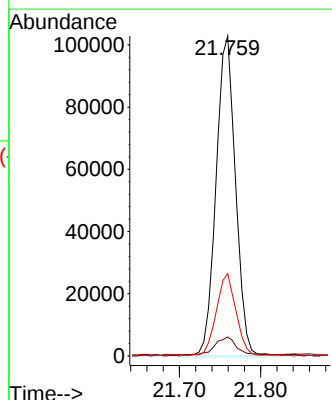
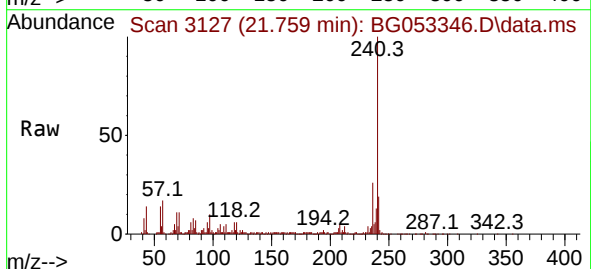
Tgt Ion:240 Resp: 171156

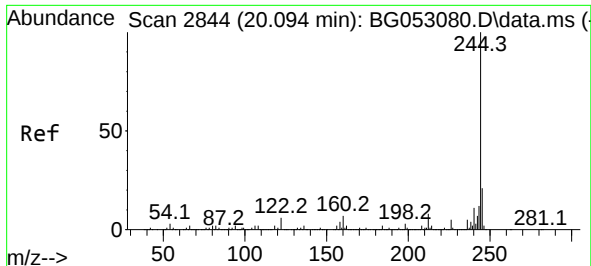
Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.0

236 25.8 19.8 29.6

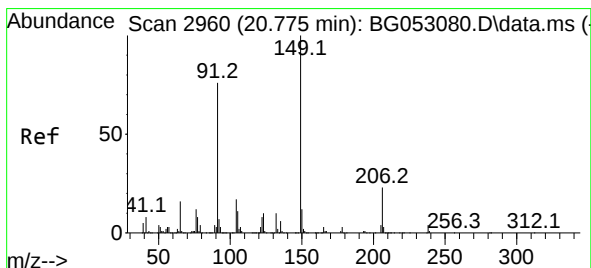
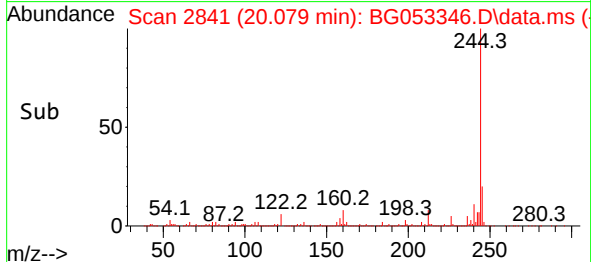
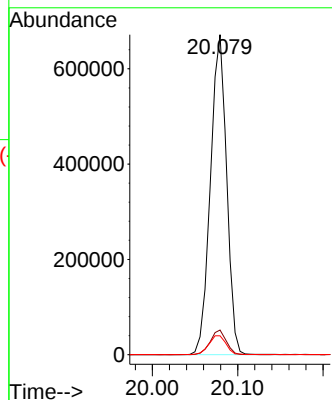
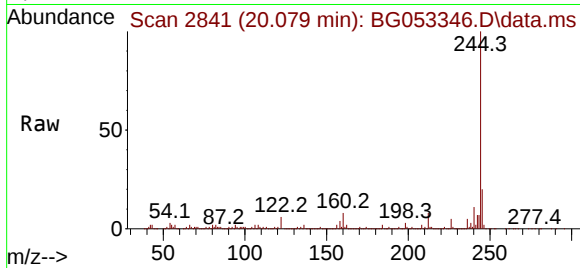




#79
 Terphenyl-d14
 Concen: 87.310 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053346.D
 Acq: 27 Apr 2022 14:14

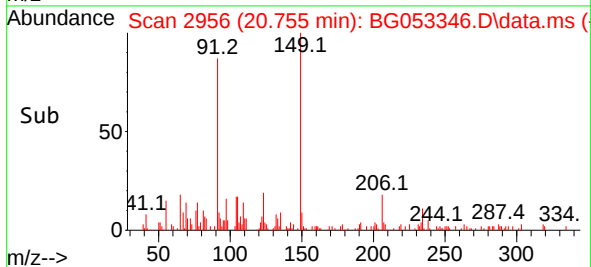
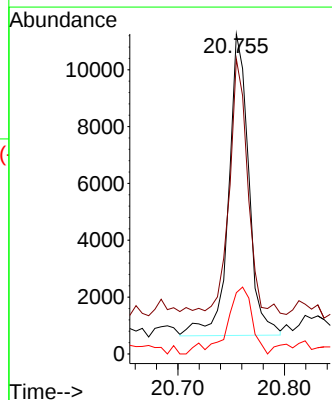
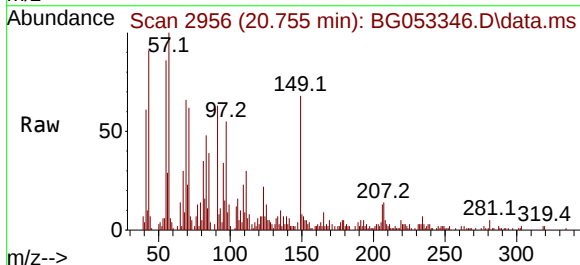
Instrument :
 BNA_G
 ClientSampleId :
 C3

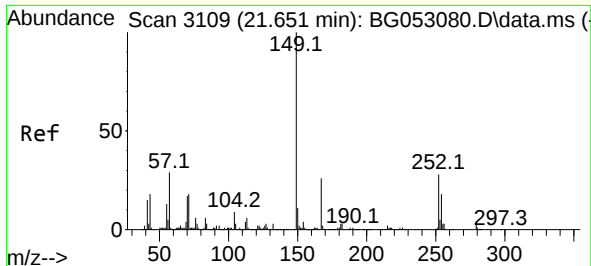
Tgt Ion:244 Resp: 884814
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 5.9 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 3.081 ng
 RT: 20.755 min Scan# 2956
 Delta R.T. -0.012 min
 Lab File: BG053346.D
 Acq: 27 Apr 2022 14:14

Tgt Ion:149 Resp: 14003
 Ion Ratio Lower Upper
 149 100
 91 92.1 60.2 90.4#
 206 19.2 19.4 29.2#

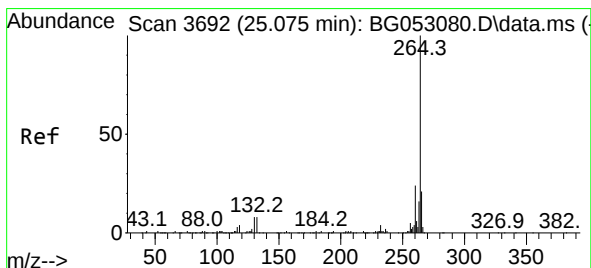
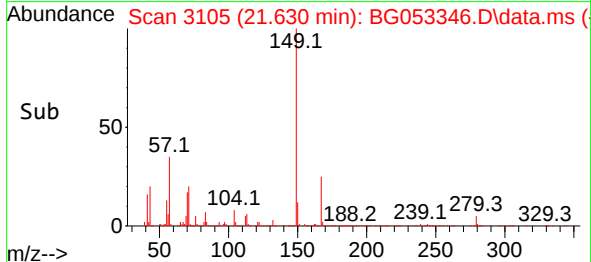
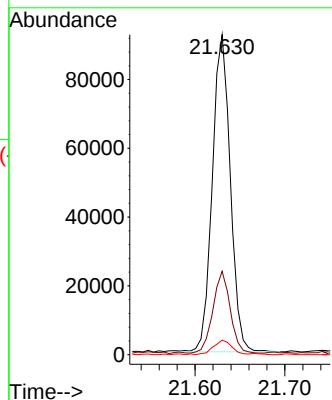
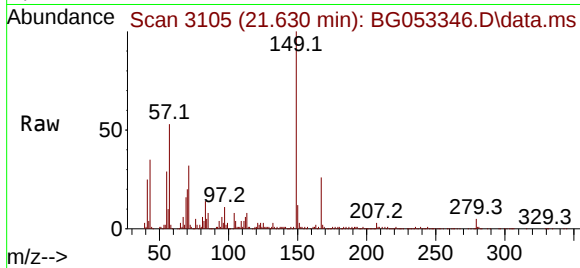




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.857 ng
 RT: 21.630 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BG053346.D
 Acq: 27 Apr 2022 14:14

Instrument :
 BNA_G
 ClientSampleId :
 C3

Tgt Ion:149 Resp: 128121
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.2
 279 4.5 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.055 min Scan# 3688
 Delta R.T. -0.006 min
 Lab File: BG053346.D
 Acq: 27 Apr 2022 14:14

Tgt Ion:264 Resp: 180182
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 20.2 15.1 22.7

