

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053319.D
 Acq On : 26 Apr 2022 14:02
 Operator : CG/JU
 Sample : N2502-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3

Quant Time: Apr 27 03:37:06 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)

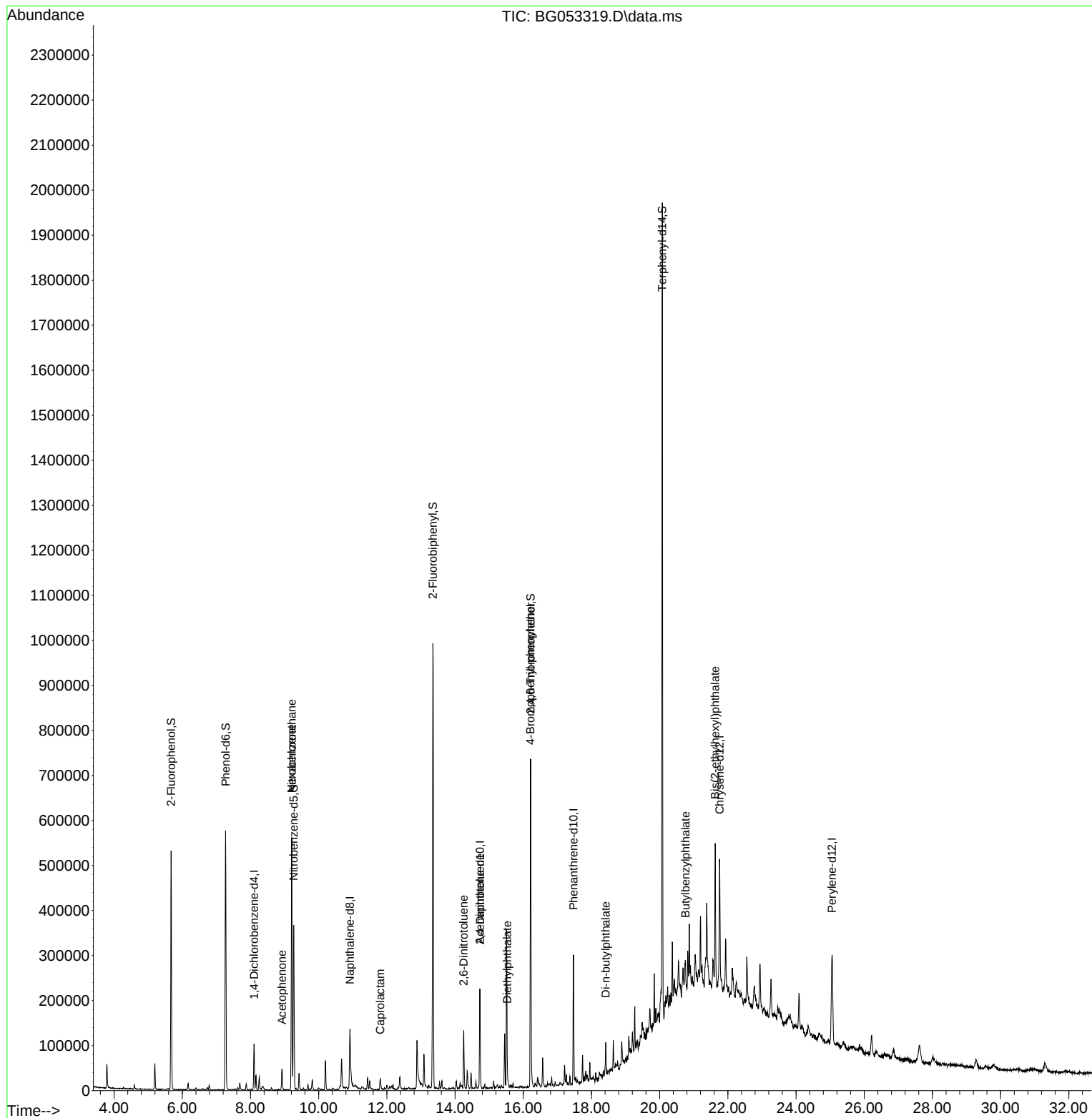
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27153	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	109902	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	81427	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	186799	20.000	ng	0.00
76) Chrysene-d12	21.757	240	171223	20.000	ng	0.00
86) Perylene-d12	25.053	264	176762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	215083	135.783	ng	0.00
7) Phenol-d6	7.271	99	333180	136.397	ng	0.00
23) Nitrobenzene-d5	9.268	82	229778	84.892	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	147765	114.063	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	513932	87.031	ng	0.00
79) Terphenyl-d14	20.077	244	888620	87.651	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.209	117	6224	8.193	ng	# 31
22) Acetophenone	8.922	105	25773	8.453	ng	# 99
24) Nitrobenzene	9.209	77	57918	21.999	ng	# 48
35) Caprolactam	11.806	113	4786	6.850	ng	# 82
51) 2,6-Dinitrotoluene	14.256	165	10160	7.478	ng	# 62
57) 2,4-Dinitrotoluene	14.731	165	10756	5.560	ng	# 22
60) Diethylphthalate	15.530	149	25415	3.724	ng	97
67) 4-Bromophenyl-phenylether	16.212	248	9473	3.958	ng	# 1
74) Di-n-butylphthalate	18.421	149	51445	4.616	ng	99
80) Butylbenzylphthalate	20.759	149	12580	2.767	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.628	149	122885	19.997	ng	97

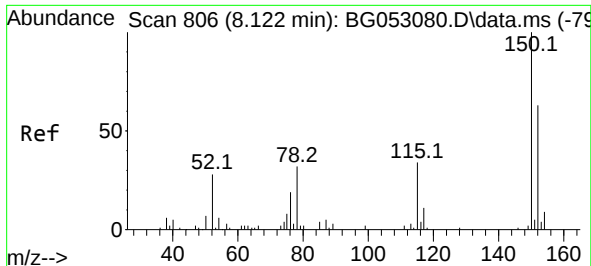
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053319.D
Acq On : 26 Apr 2022 14:02
Operator : CG/JU
Sample : N2502-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C3

Quant Time: Apr 27 03:37:06 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

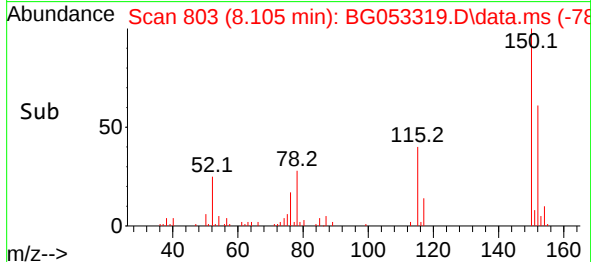
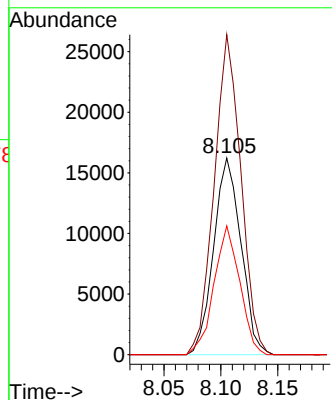
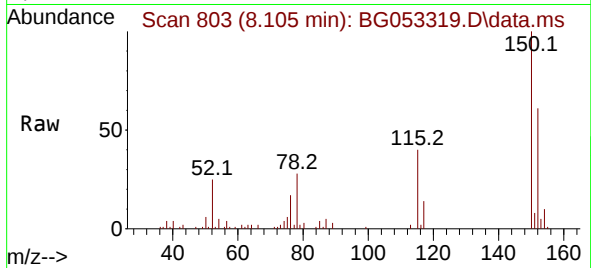




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

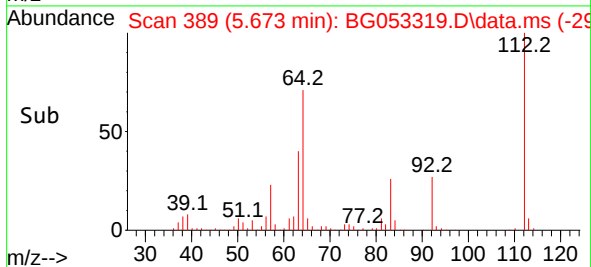
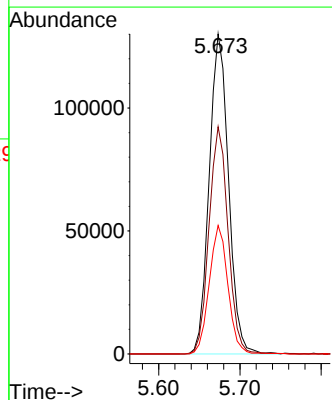
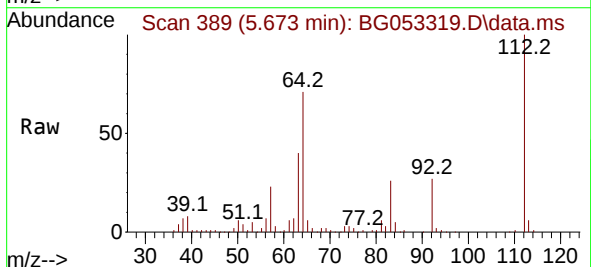
Instrument :
BNA_G
ClientSampleId :
C3

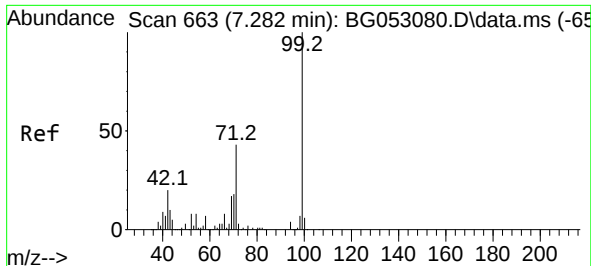
Tgt Ion:152 Resp: 27153
Ion Ratio Lower Upper
152 100
150 162.7 114.6 172.0
115 65.5 45.9 68.9



#5
2-Fluorophenol
Concen: 135.783 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:112 Resp: 215083
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 40.2 26.5 39.7#

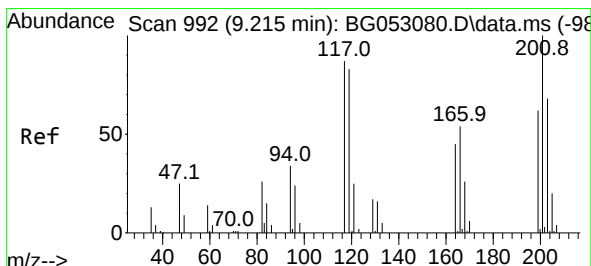
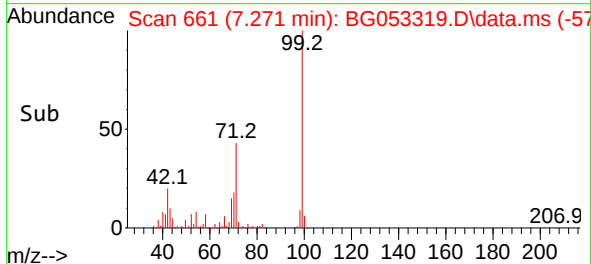
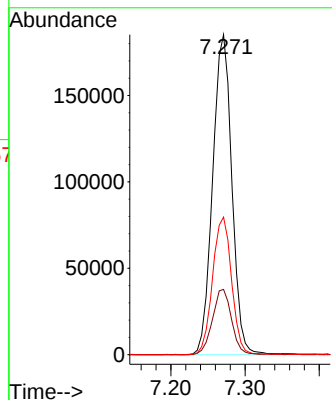
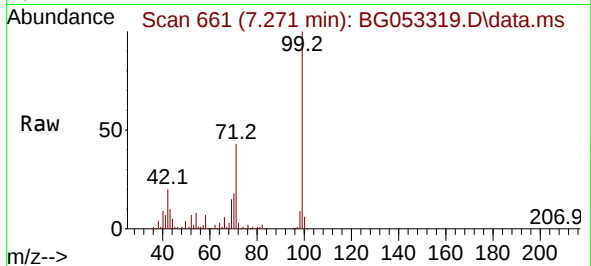




#7
Phenol-d6
Concen: 136.397 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

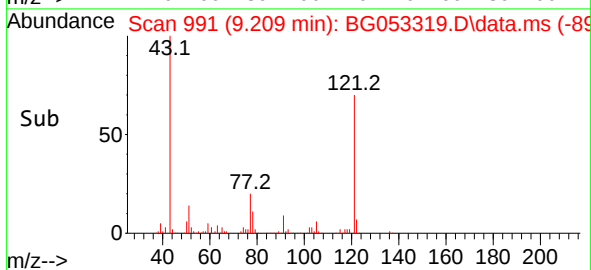
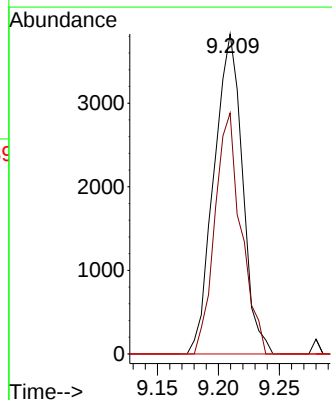
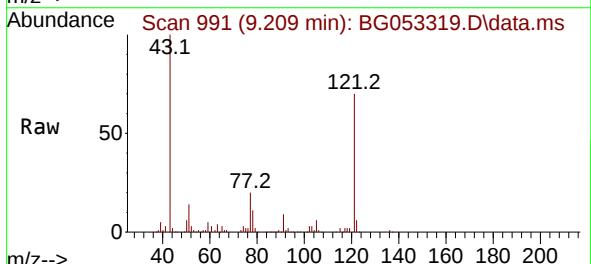
Instrument :
BNA_G
ClientSampleId :
C3

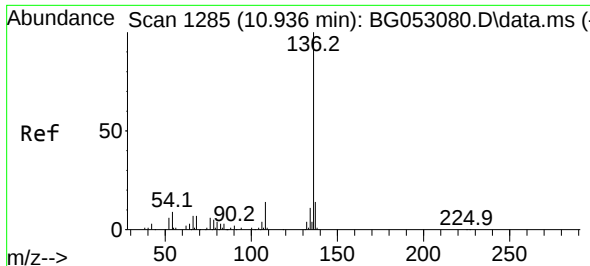
Tgt Ion: 99 Resp: 333180
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 43.0 29.2 43.8



#18
Hexachloroethane
Concen: 8.193 ng
RT: 9.209 min Scan# 991
Delta R.T. 0.009 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion: 117 Resp: 6224
Ion Ratio Lower Upper
117 100
119 75.3 75.1 112.7
201 0.0 96.6 145.0#

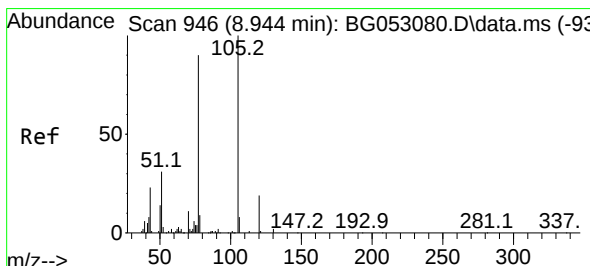
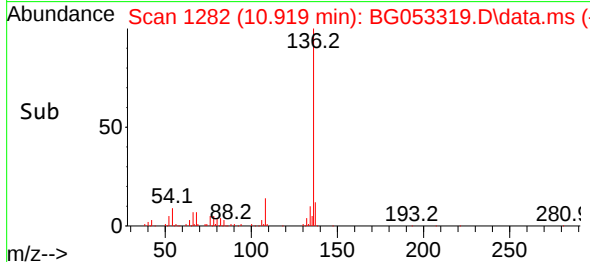
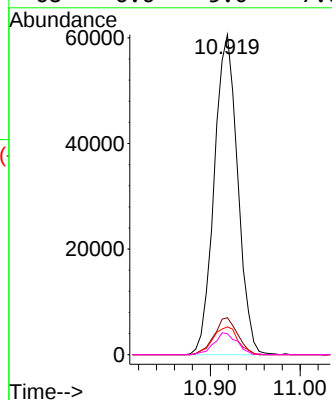
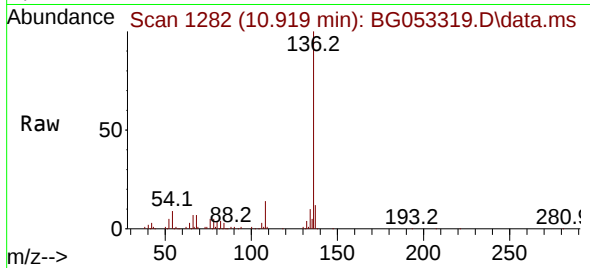




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

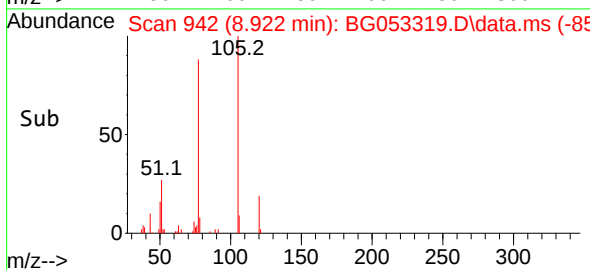
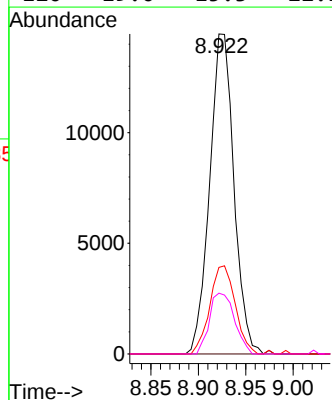
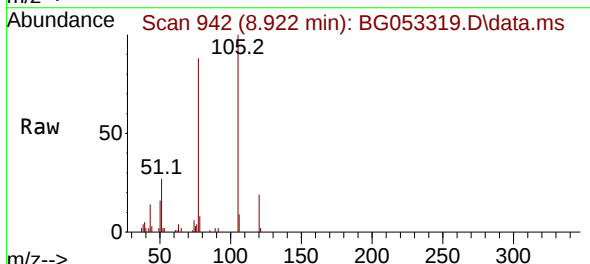
Instrument :
BNA_G
ClientSampleId :
C3

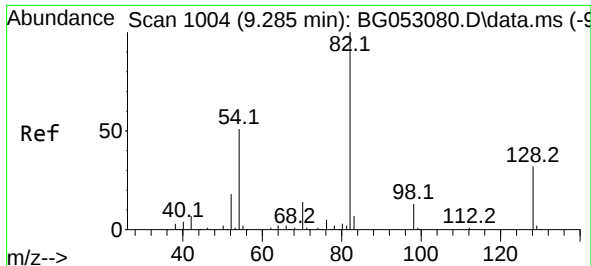
Tgt Ion:136	Resp:	109902
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.4 14.2
54	8.7	6.4 9.6
68	6.6	5.0 7.6



#22
Acetophenone
Concen: 8.453 ng
RT: 8.922 min Scan# 942
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:105	Resp:	25773
Ion	Ratio	Lower Upper
105	100	
71	0.0	2.1 3.1#
51	27.1	21.9 32.9
120	19.0	15.3 22.9





#23

Nitrobenzene-d5

Concen: 84.892 ng

RT: 9.268 min Scan# 1004

Delta R.T. -0.008 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

Instrument :

BNA_G

ClientSampleId :

C3

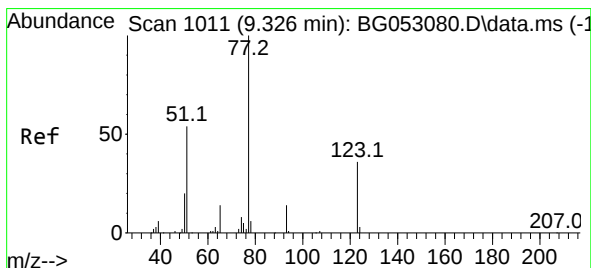
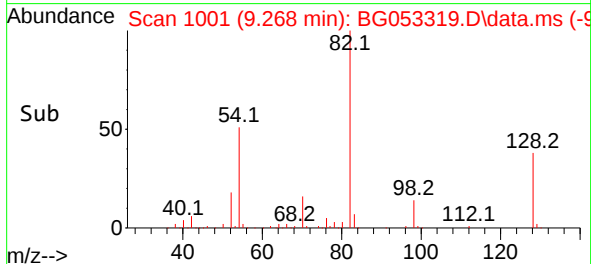
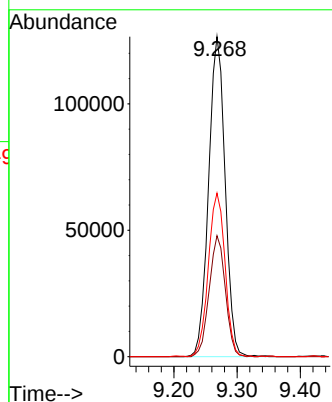
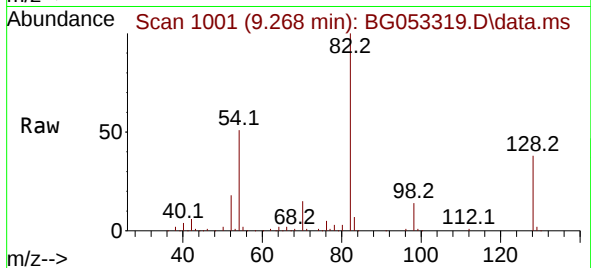
Tgt Ion: 82 Resp: 229778

Ion Ratio Lower Upper

82 100

128 37.8 31.3 46.9

54 51.1 37.8 56.8



#24

Nitrobenzene

Concen: 21.999 ng

RT: 9.209 min Scan# 991

Delta R.T. -0.108 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

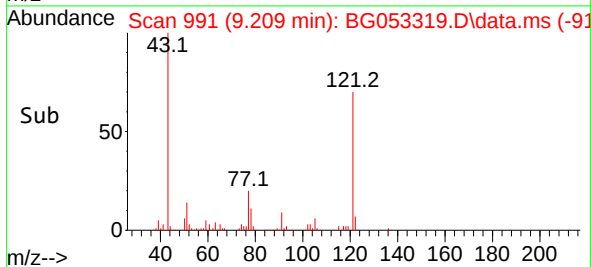
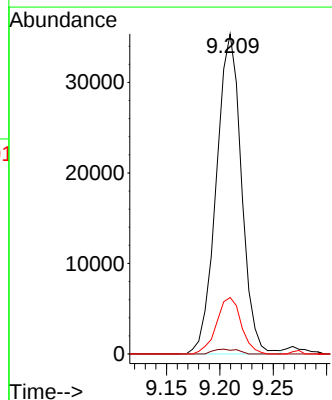
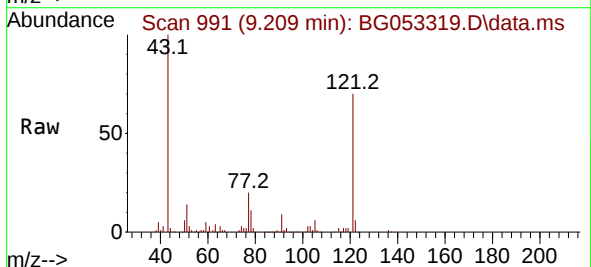
Tgt Ion: 77 Resp: 57918

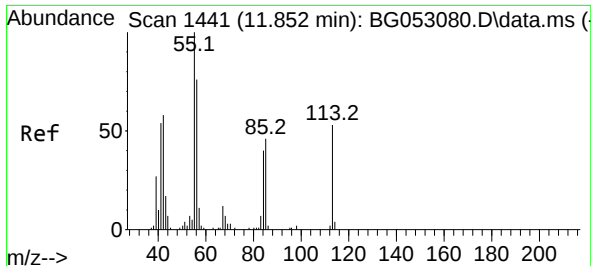
Ion Ratio Lower Upper

77 100

123 1.2 34.4 51.6#

65 17.7 11.2 16.8#

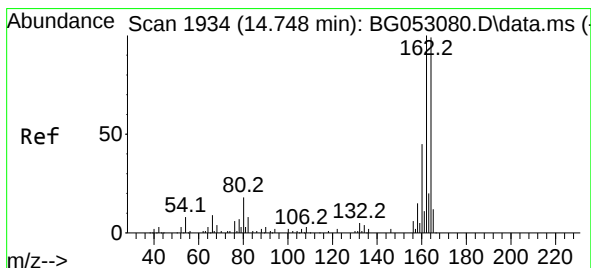
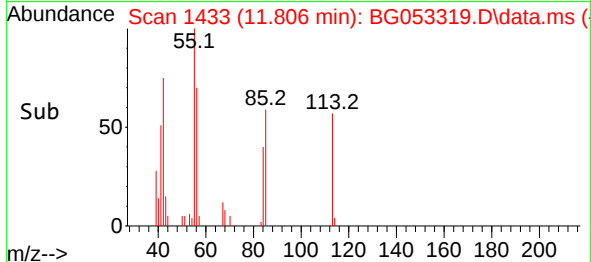
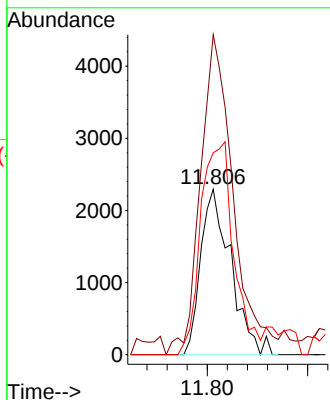
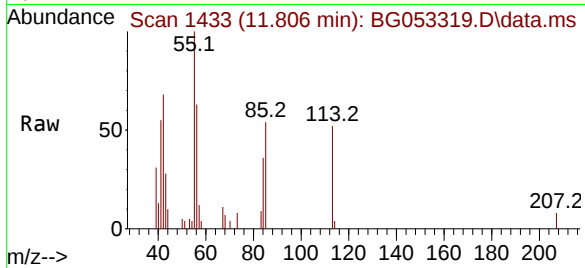




#35
 Caprolactam
 Concen: 6.850 ng
 RT: 11.806 min Scan# 1441
 Delta R.T. -0.044 min
 Lab File: BG053319.D
 Acq: 26 Apr 2022 14:02

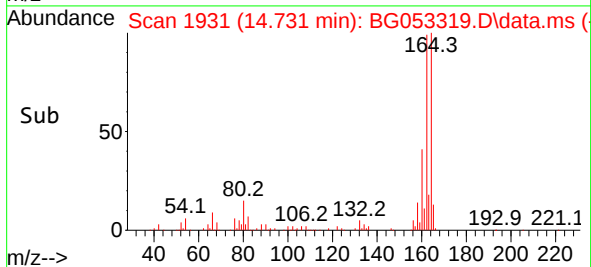
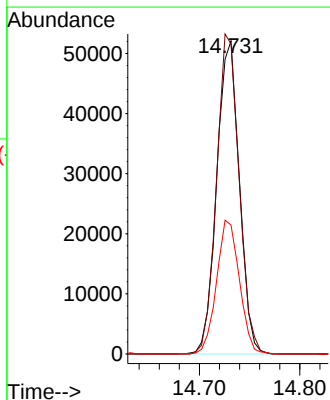
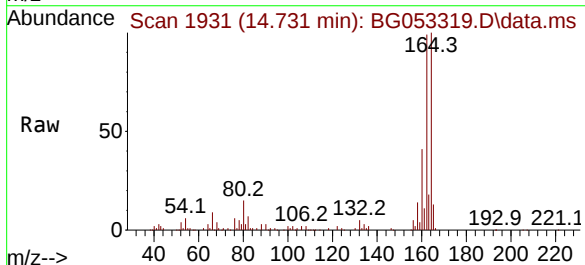
Instrument :
 BNA_G
 ClientSampleId :
 C3

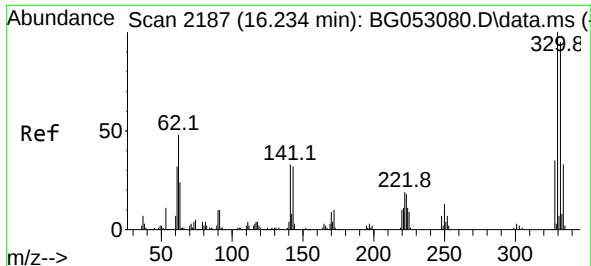
Tgt Ion:113 Resp: 4786
 Ion Ratio Lower Upper
 113 100
 55 193.4 151.3 191.3#
 56 122.1 128.5 168.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.731 min Scan# 1931
 Delta R.T. -0.003 min
 Lab File: BG053319.D
 Acq: 26 Apr 2022 14:02

Tgt Ion:164 Resp: 81427
 Ion Ratio Lower Upper
 164 100
 162 99.0 80.0 120.0
 160 41.2 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 114.063 ng

RT: 16.218 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

Instrument :

BNA_G

ClientSampleId :

C3

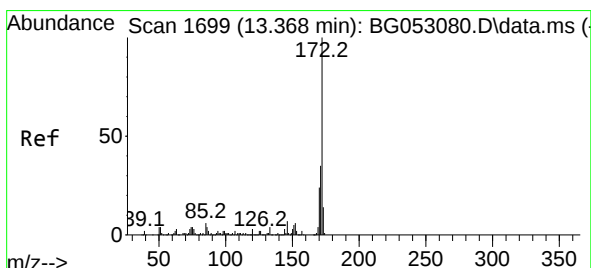
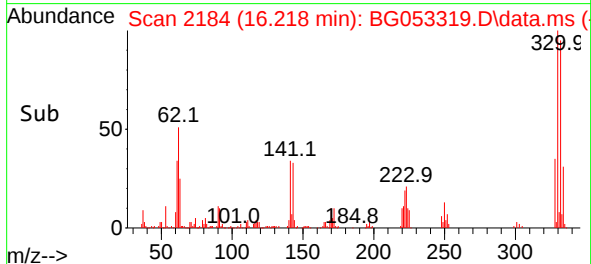
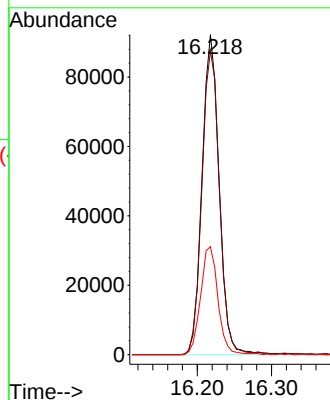
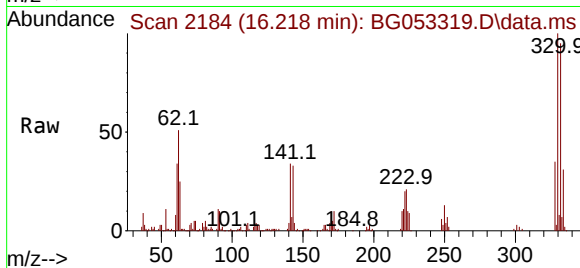
Tgt Ion:330 Resp: 147765

Ion Ratio Lower Upper

330 100

332 97.5 75.8 113.6

141 34.4 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 87.031 ng

RT: 13.351 min Scan# 1696

Delta R.T. -0.008 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

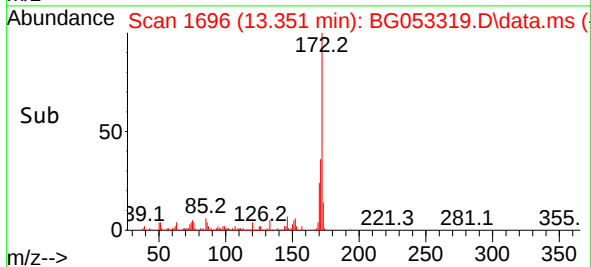
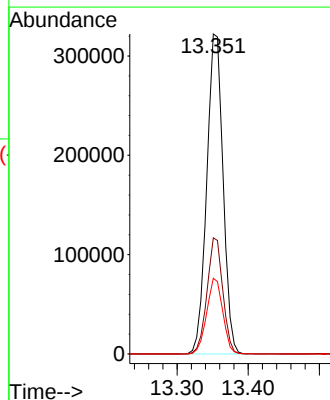
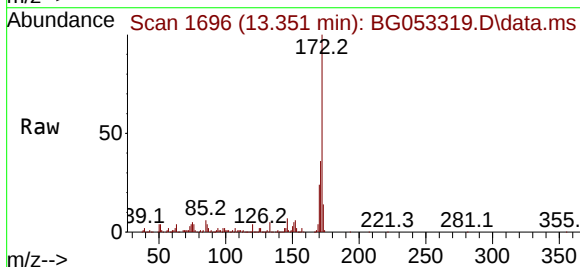
Tgt Ion:172 Resp: 513932

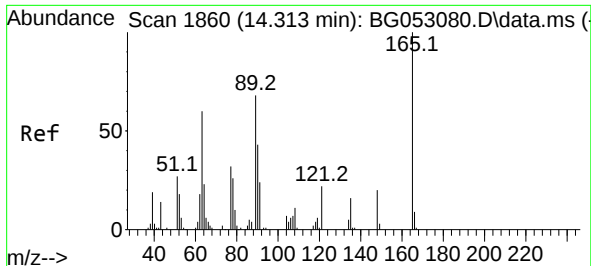
Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.7 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 7.478 ng

RT: 14.256 min Scan# 1

Delta R.T. -0.050 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

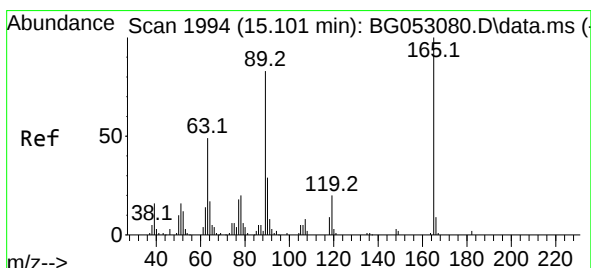
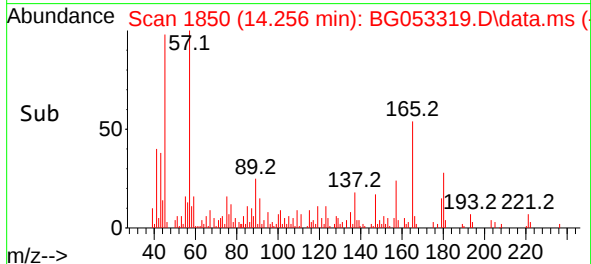
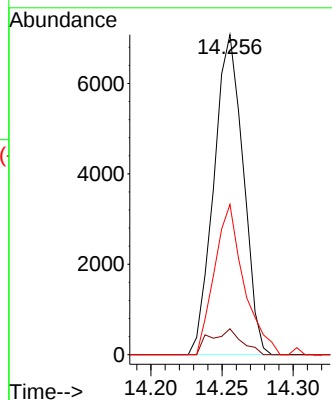
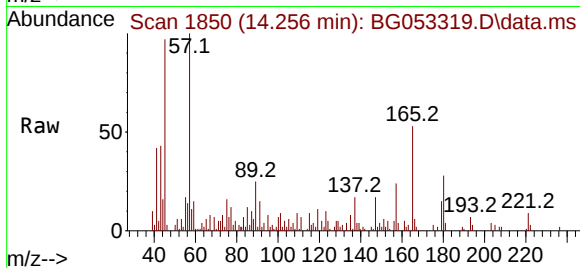
Instrument :

BNA_G

ClientSampleId :

C3

Tgt Ion:	165	Resp:	10160
Ion Ratio	Lower	Upper	
165	100		
63	8.1	43.7	65.5#
89	47.0	45.0	67.4



#57

2,4-Dinitrotoluene

Concen: 5.560 ng

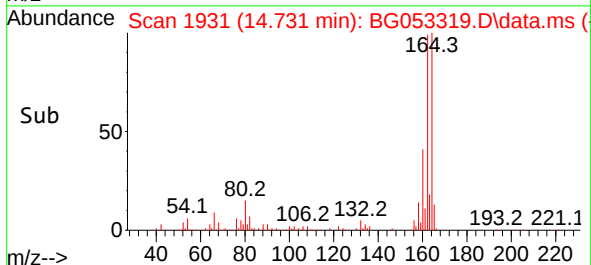
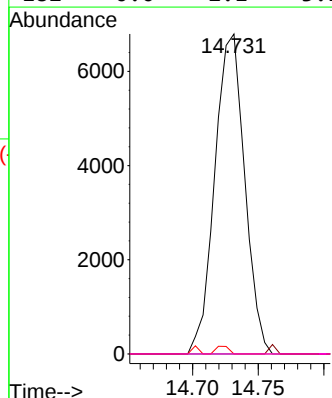
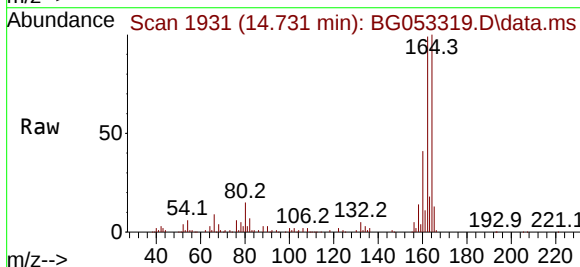
RT: 14.731 min Scan# 1931

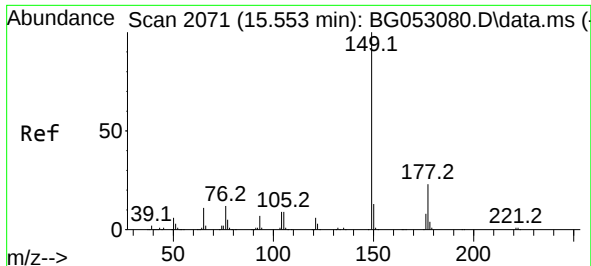
Delta R.T. -0.361 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

Tgt Ion:	165	Resp:	10756
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#

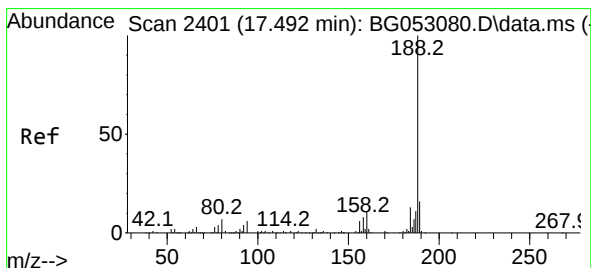
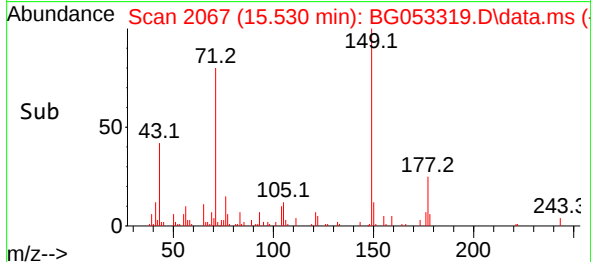
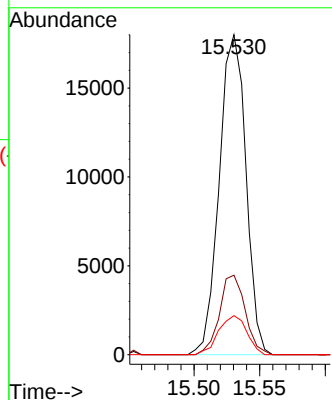
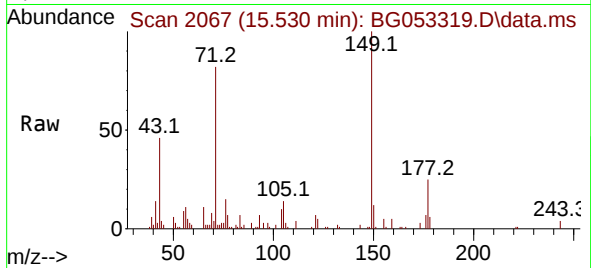




#60
Diethylphthalate
Concen: 3.724 ng
RT: 15.530 min Scan# 2071
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

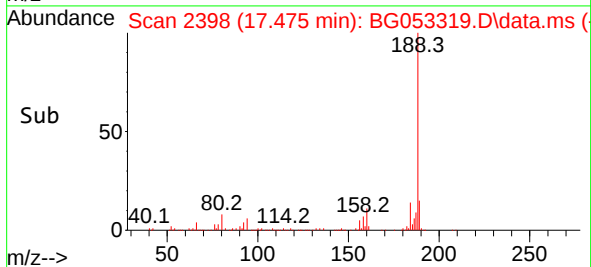
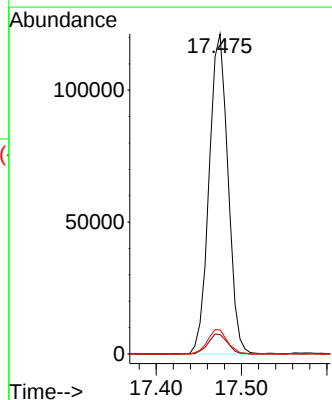
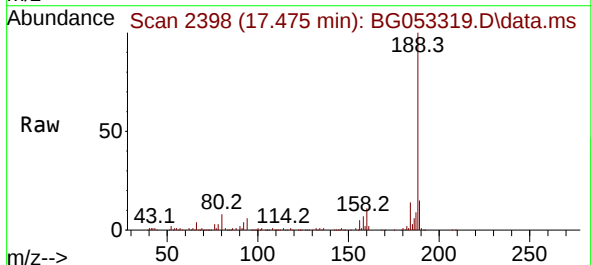
Instrument :
BNA_G
ClientSampleId :
C3

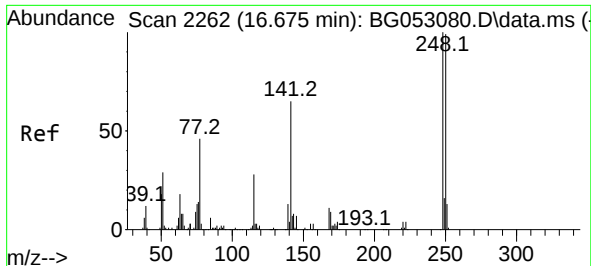
Tgt Ion:149 Resp: 25415
Ion Ratio Lower Upper
149 100
177 24.8 18.2 27.2
150 12.2 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:188 Resp: 186799
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 7.5 7.2 10.8

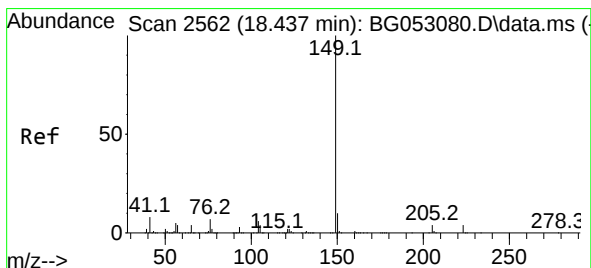
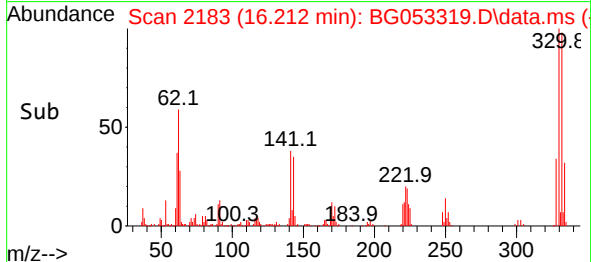
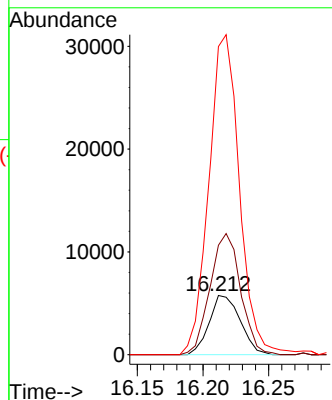
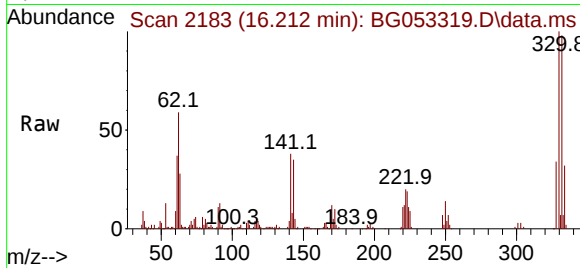




#67
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

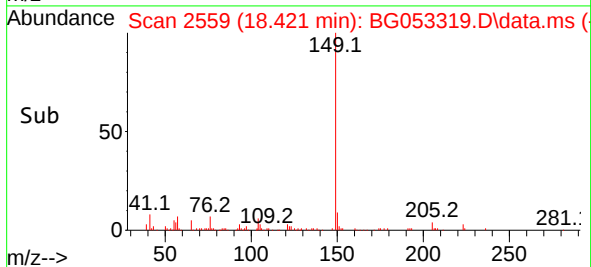
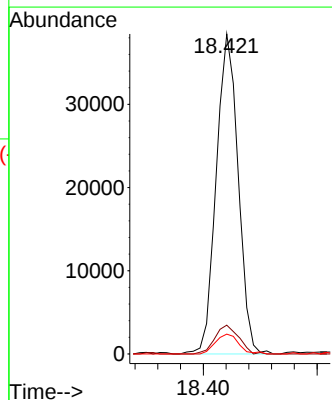
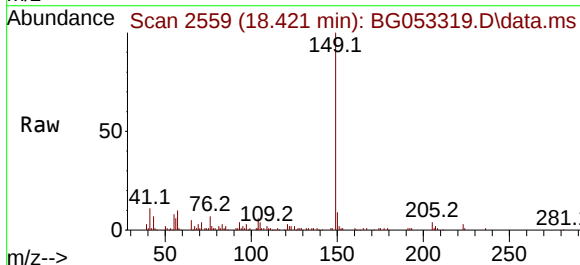
Instrument :
BNA_G
ClientSampleId :
C3

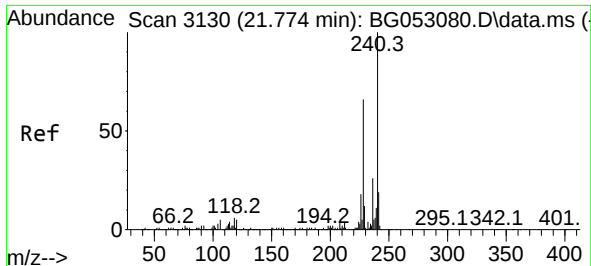
Tgt Ion:248 Resp: 9473
Ion Ratio Lower Upper
248 100
250 185.1 77.9 116.9#
141 520.9 49.2 73.8#



#74
Di-n-butylphthalate
Concen: 4.616 ng
RT: 18.421 min Scan# 2559
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:149 Resp: 51445
Ion Ratio Lower Upper
149 100
150 9.0 7.0 10.6
104 6.2 4.6 7.0

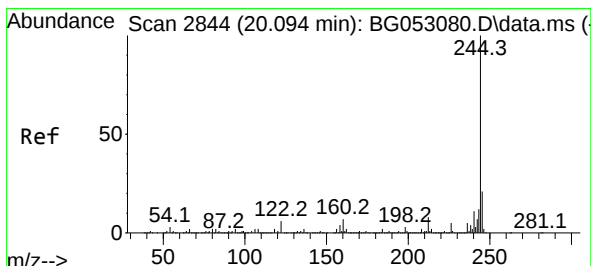
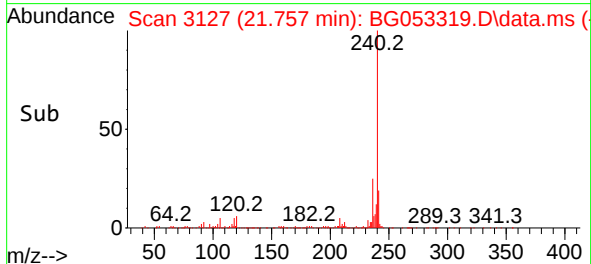
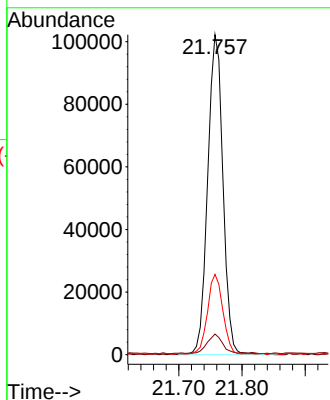
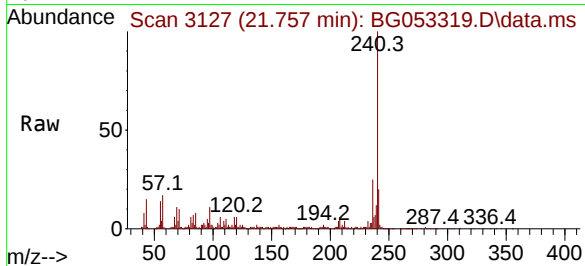




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

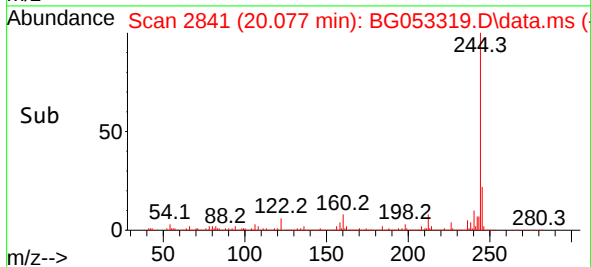
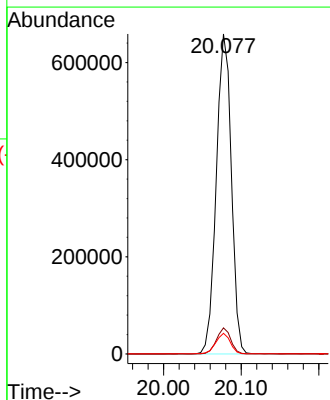
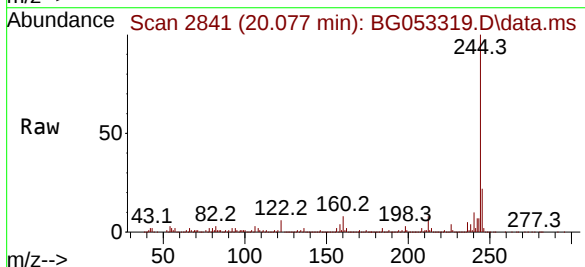
Instrument :
BNA_G
ClientSampleId :
C3

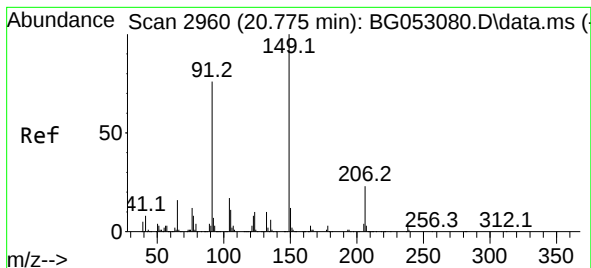
Tgt Ion:240 Resp: 171223
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.1 19.8 29.6



#79
Terphenyl-d14
Concen: 87.651 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:244 Resp: 888620
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.4 5.8 8.6





#80

Butylbenzylphthalate

Concen: 2.767 ng

RT: 20.759 min Scan# 2960

Delta R.T. -0.008 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

Instrument :

BNA_G

ClientSampleId :

C3

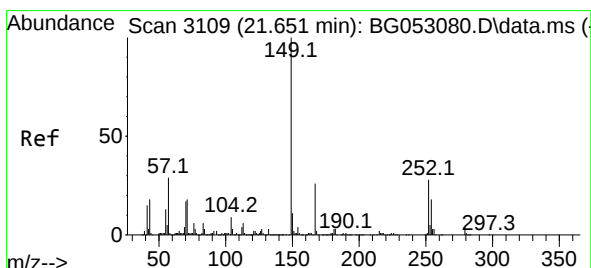
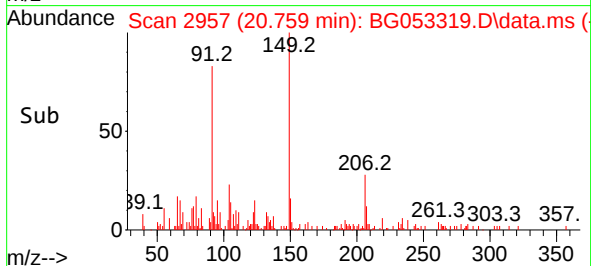
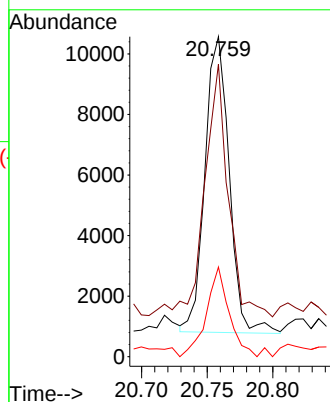
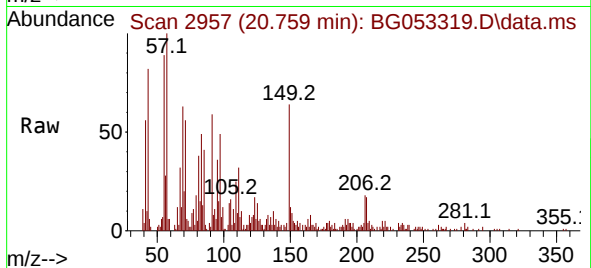
Tgt Ion:149 Resp: 12580

Ion Ratio Lower Upper

149 100

91 91.4 60.2 90.4#

206 28.0 19.4 29.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.997 ng

RT: 21.628 min Scan# 3105

Delta R.T. -0.008 min

Lab File: BG053319.D

Acq: 26 Apr 2022 14:02

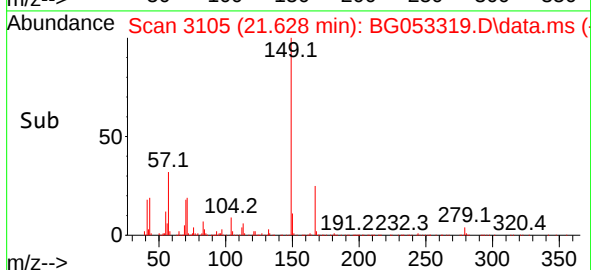
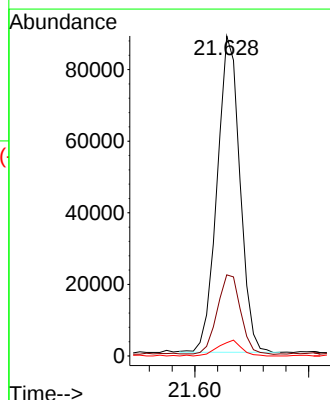
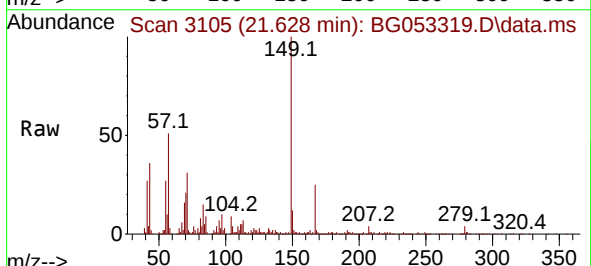
Tgt Ion:149 Resp: 122885

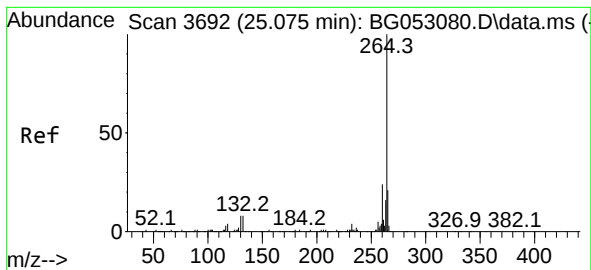
Ion Ratio Lower Upper

149 100

167 25.3 21.4 32.2

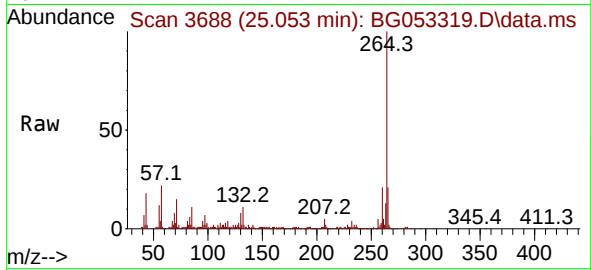
279 4.2 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053319.D
 Acq: 26 Apr 2022 14:02

Instrument :
 BNA_G
 ClientSampleId :
 C3



Tgt Ion:264 Resp: 176762
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.2 27.2
 265 21.2 15.1 22.7

