

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053318.D
 Acq On : 26 Apr 2022 13:23
 Operator : CG/JU
 Sample : N2502-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C2

Quant Time: Apr 27 03:37:00 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)

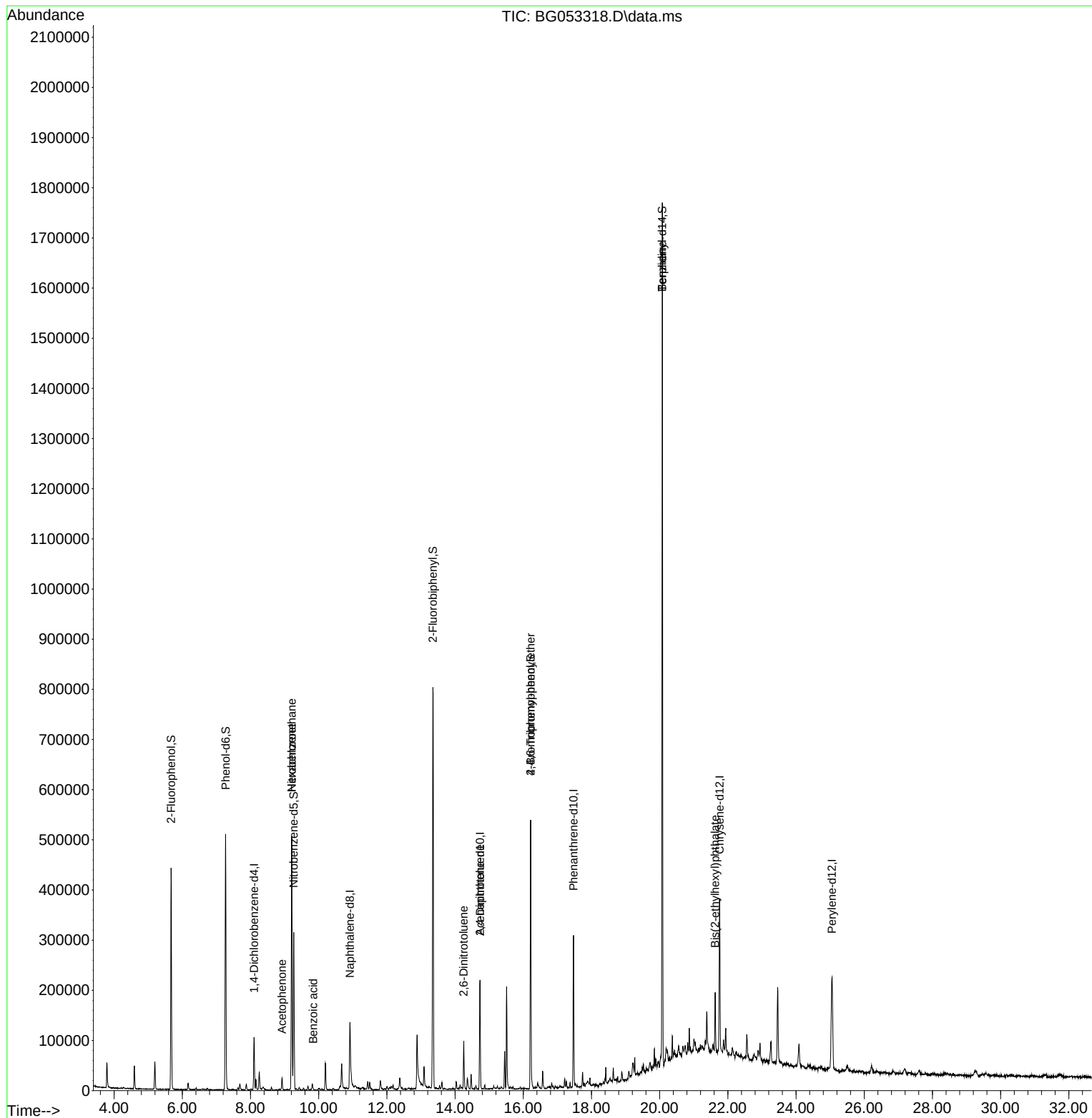
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27937	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	110501	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	79903	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	193790	20.000	ng	0.00
76) Chrysene-d12	21.757	240	188483	20.000	ng	0.00
86) Perylene-d12	25.052	264	202879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	180589	110.807	ng	0.00
7) Phenol-d6	7.271	99	287402	114.355	ng	0.00
23) Nitrobenzene-d5	9.268	82	198342	72.880	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	104473	82.183	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	427661	73.802	ng	0.00
79) Terphenyl-d14	20.077	244	853959	76.519	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.209	117	5086	6.507	ng	# 26
22) Acetophenone	8.927	105	12446	4.060	ng	# 92
24) Nitrobenzene	9.209	77	53933	20.374	ng	# 48
32) Benzoic acid	9.838	122	55	3.679	ng	# 1
51) 2,6-Dinitrotoluene	14.255	165	7878	5.909	ng	# 53
57) 2,4-Dinitrotoluene	14.731	165	10305	5.429	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	6971	2.807	ng	# 1
77) Benzidine	20.077	184	14948	2.780	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.628	149	46269	6.840	ng	97

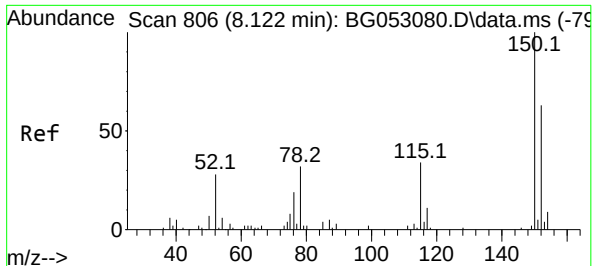
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
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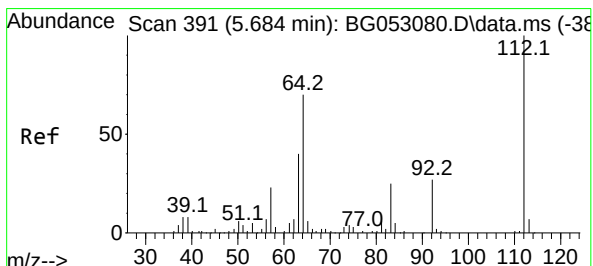
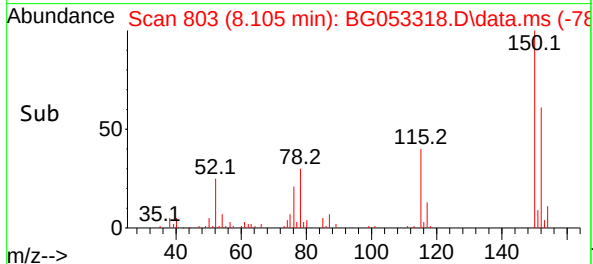
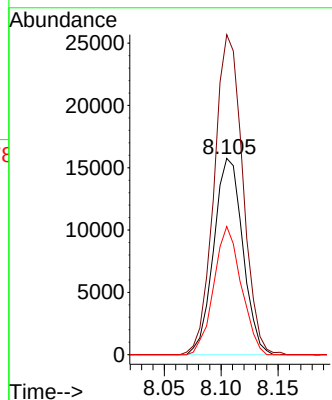
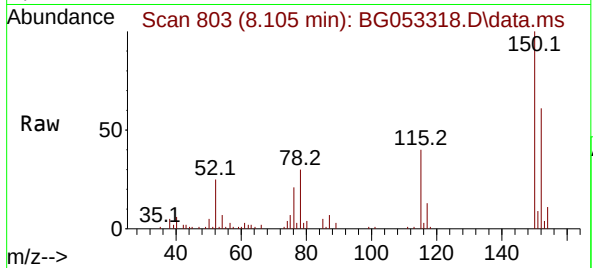




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

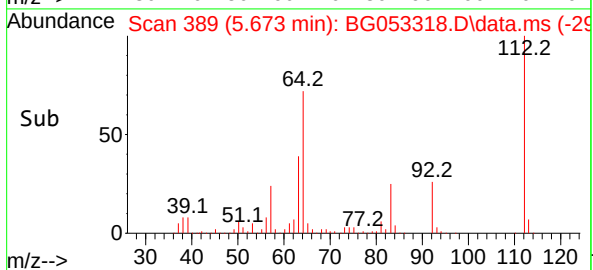
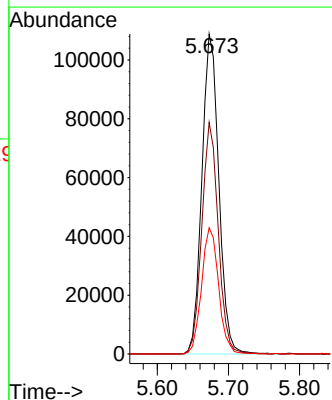
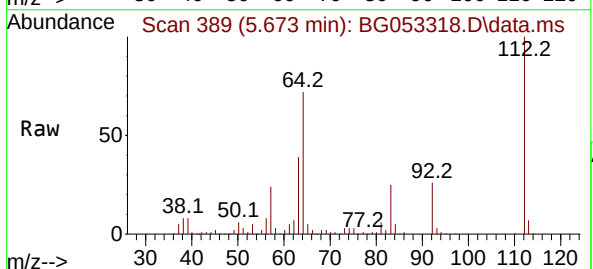
Instrument :
BNA_G
ClientSampleId :
C2

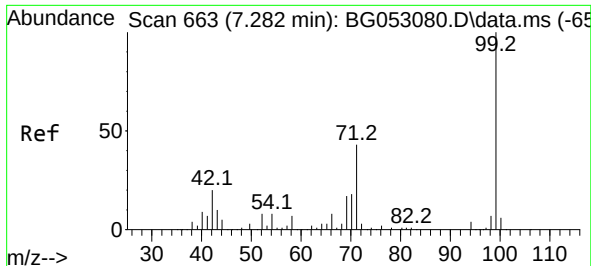
Tgt Ion:152 Resp: 27937
Ion Ratio Lower Upper
152 100
150 163.1 114.6 172.0
115 65.3 45.9 68.9



#5
2-Fluorophenol
Concen: 110.807 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:112 Resp: 180589
Ion Ratio Lower Upper
112 100
64 72.4 48.0 72.0#
63 39.4 26.5 39.7

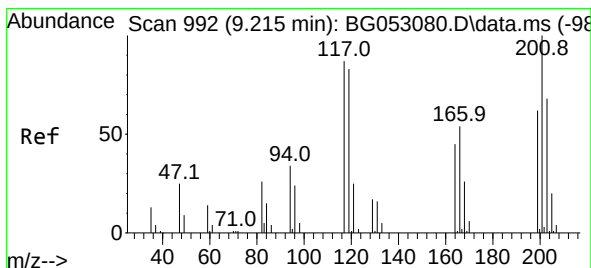
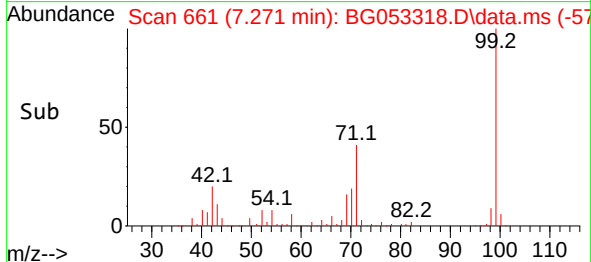
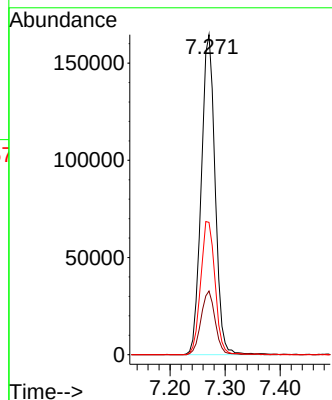
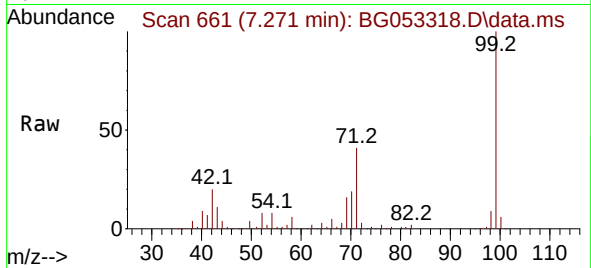




#7
Phenol-d6
Concen: 114.355 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

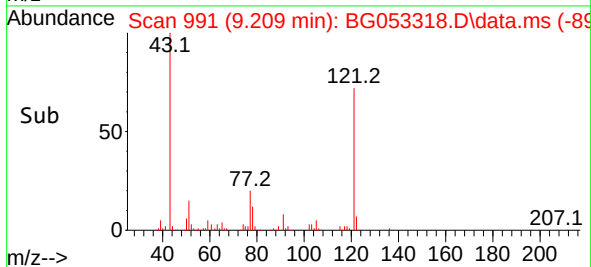
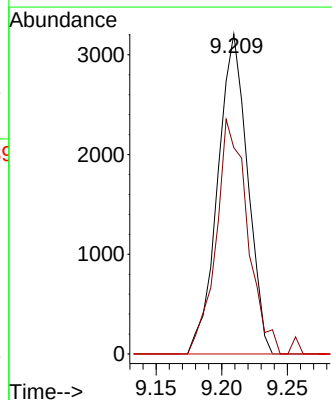
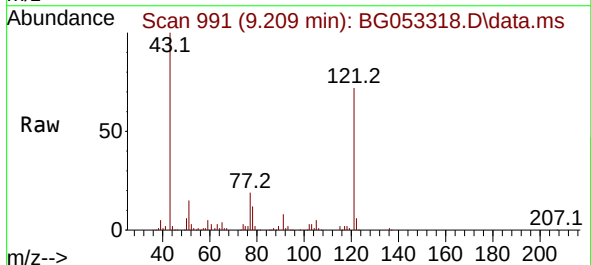
Instrument :
BNA_G
ClientSampleId :
C2

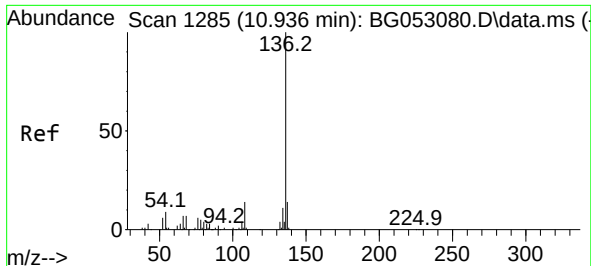
Tgt Ion: 99 Resp: 287402
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.4 29.2 43.8



#18
Hexachloroethane
Concen: 6.507 ng
RT: 9.209 min Scan# 991
Delta R.T. 0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion: 117 Resp: 5086
Ion Ratio Lower Upper
117 100
119 64.5 75.1 112.7#
201 0.0 96.6 145.0#

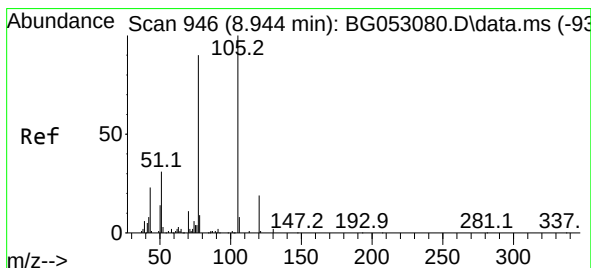
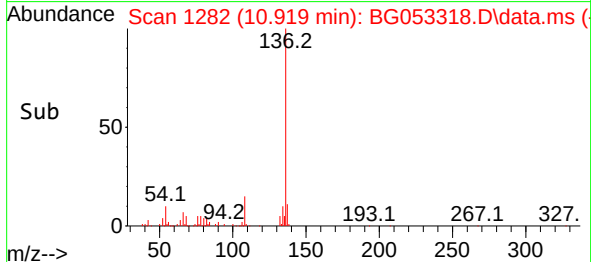
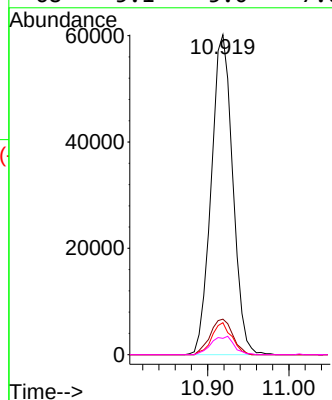
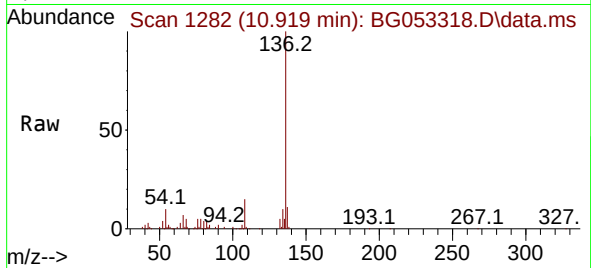




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

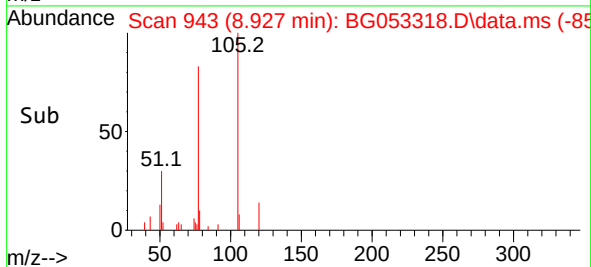
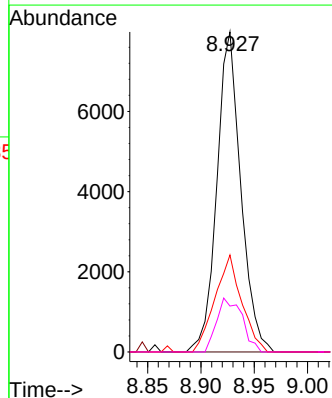
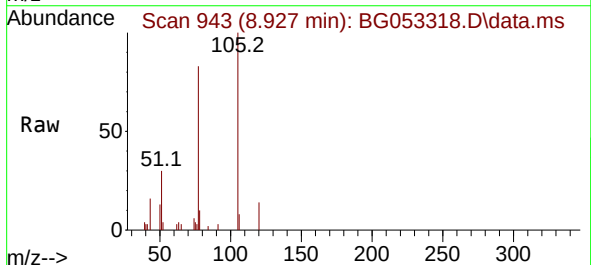
Instrument :
BNA_G
ClientSampleId :
C2

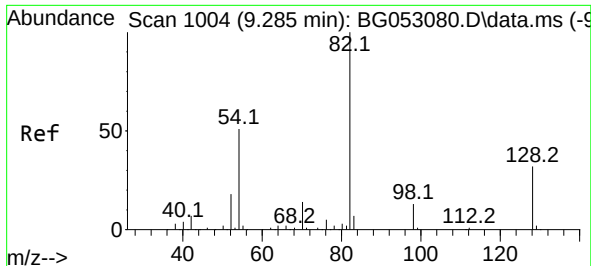
Tgt Ion:136 Resp: 110501
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 10.0 6.4 9.6#
68 5.1 5.0 7.6



#22
Acetophenone
Concen: 4.060 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:105 Resp: 12446
Ion Ratio Lower Upper
105 100
71 0.0 2.1 3.1#
51 30.3 21.9 32.9
120 14.3 15.3 22.9#

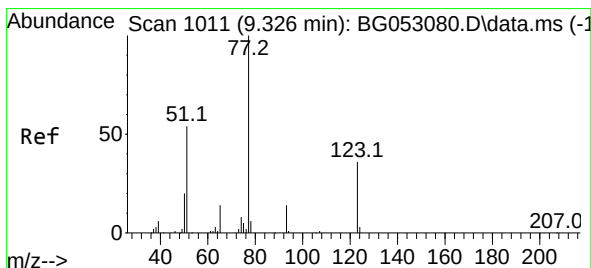
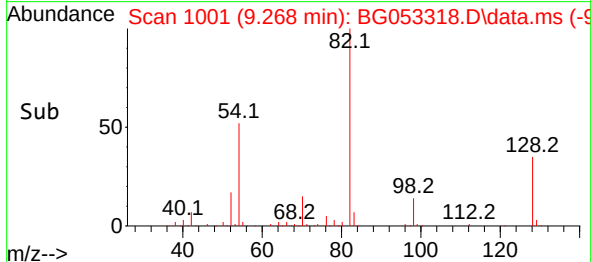
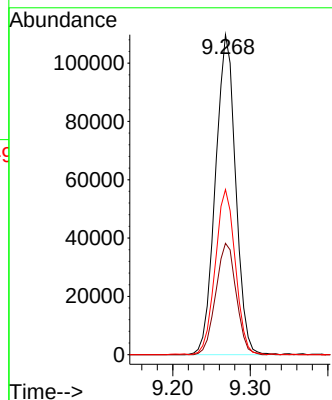
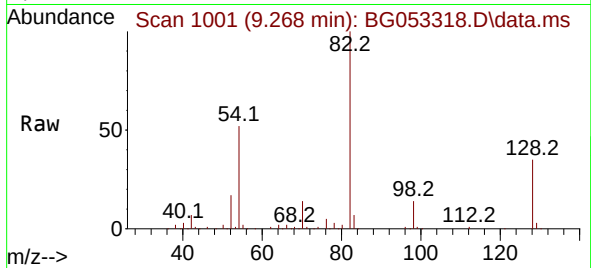




#23
 Nitrobenzene-d5
 Concen: 72.880 ng
 RT: 9.268 min Scan# 1004
 Delta R.T. -0.009 min
 Lab File: BG053318.D
 Acq: 26 Apr 2022 13:23

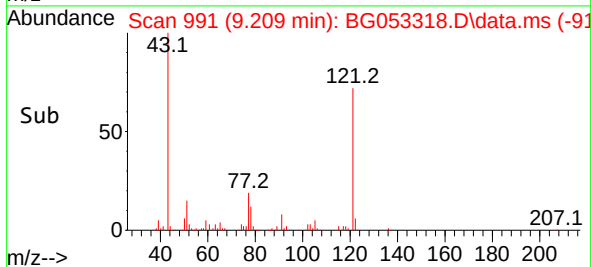
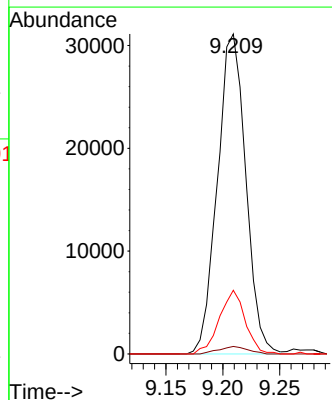
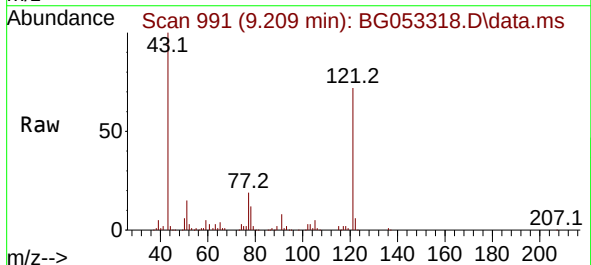
Instrument :
 BNA_G
 ClientSampleId :
 C2

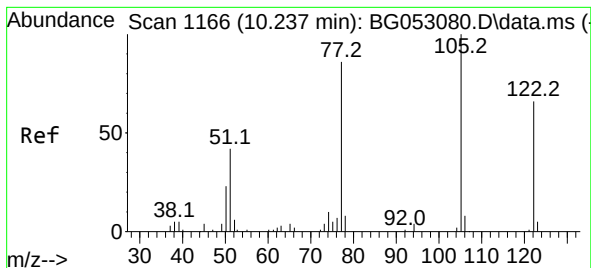
Tgt Ion: 82 Resp: 198342
 Ion Ratio Lower Upper
 82 100
 128 34.8 31.3 46.9
 54 51.6 37.8 56.8



#24
 Nitrobenzene
 Concen: 20.374 ng
 RT: 9.209 min Scan# 991
 Delta R.T. -0.109 min
 Lab File: BG053318.D
 Acq: 26 Apr 2022 13:23

Tgt Ion: 77 Resp: 53933
 Ion Ratio Lower Upper
 77 100
 123 2.3 34.4 51.6#
 65 19.9 11.2 16.8#





#32

Benzoic acid

Concen: 3.679 ng

RT: 9.838 min Scan# 1098

Delta R.T. -0.396 min

Lab File: BG053318.D

Acq: 26 Apr 2022 13:23

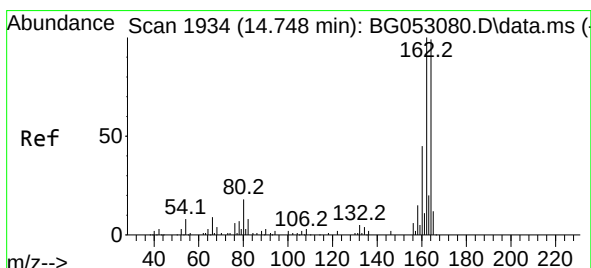
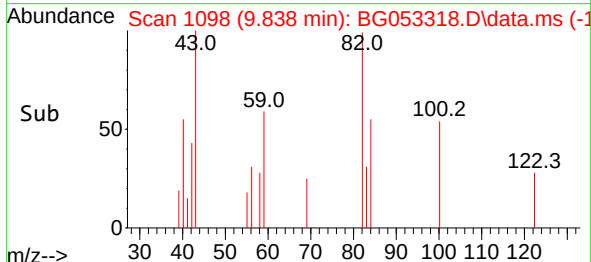
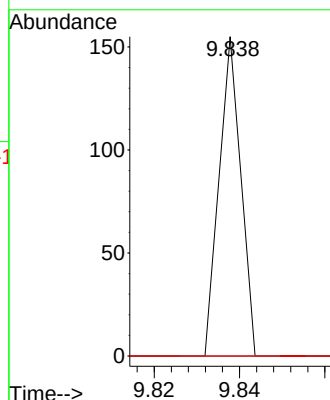
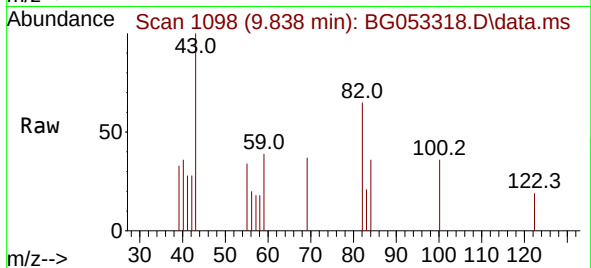
Instrument :

BNA_G

ClientSampleId :

C2

Tgt Ion:122	Resp:	55
Ion Ratio	Lower	Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

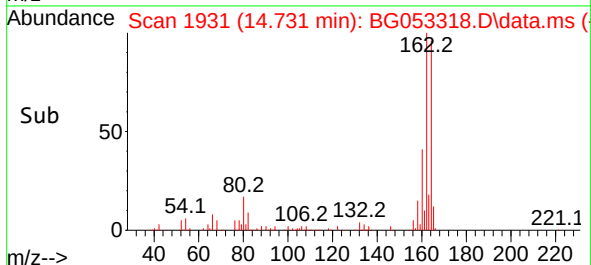
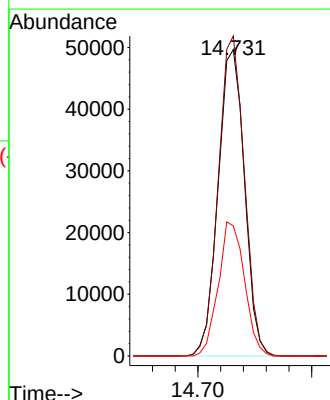
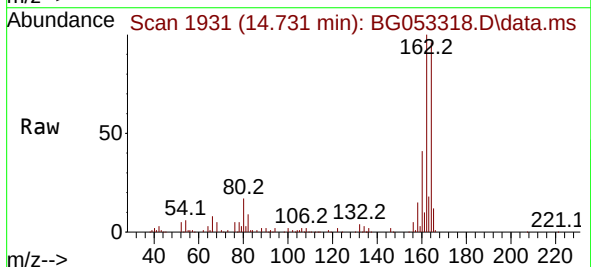
RT: 14.731 min Scan# 1931

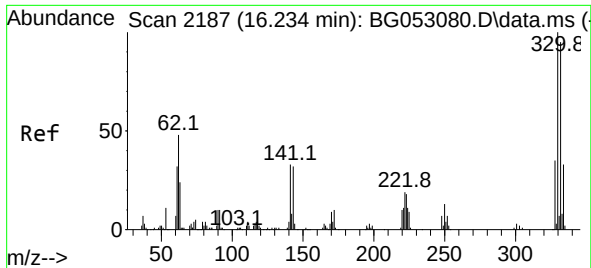
Delta R.T. -0.003 min

Lab File: BG053318.D

Acq: 26 Apr 2022 13:23

Tgt Ion:164	Resp:	79903
Ion Ratio	Lower	Upper
164	100	
162	104.4	80.0 120.0
160	42.4	38.8 58.2

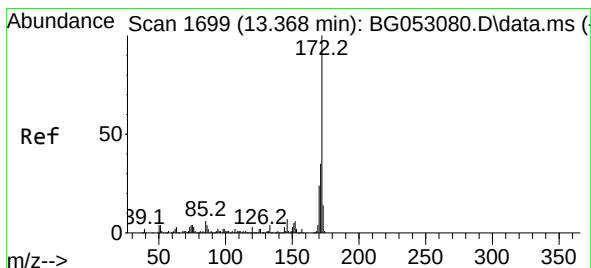
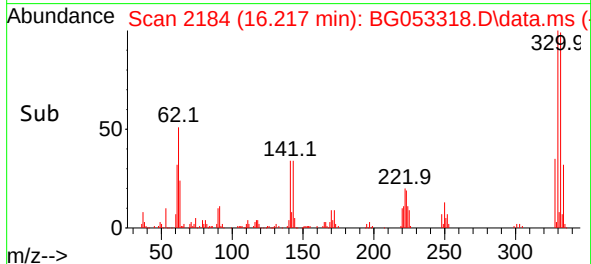
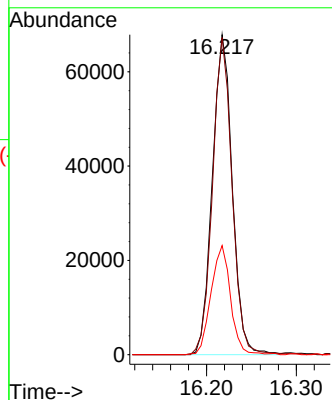
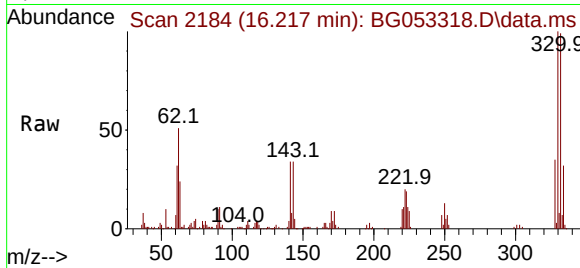




#42
2,4,6-Tribromophenol
Concen: 82.183 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

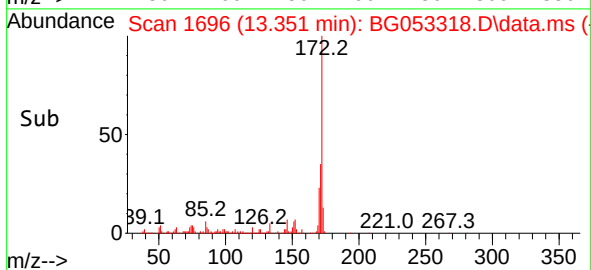
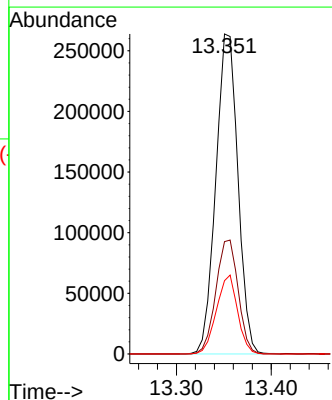
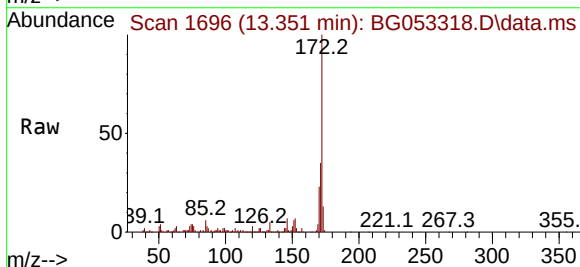
Instrument :
BNA_G
ClientSampleId :
C2

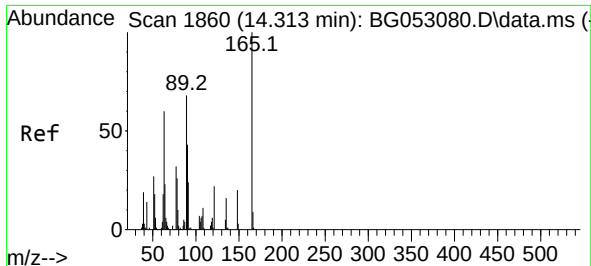
Tgt Ion:330 Resp: 104473
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 33.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.802 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:172 Resp: 427661
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 18.0 27.0

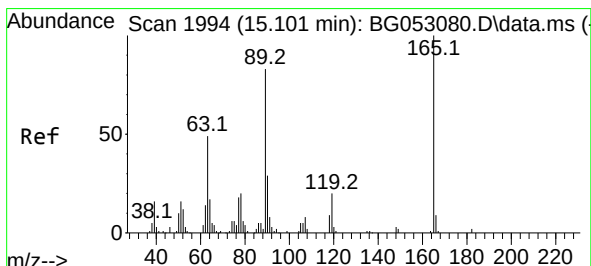
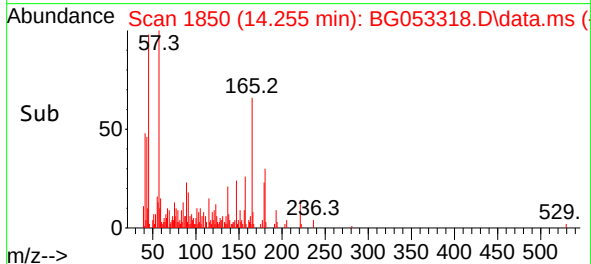
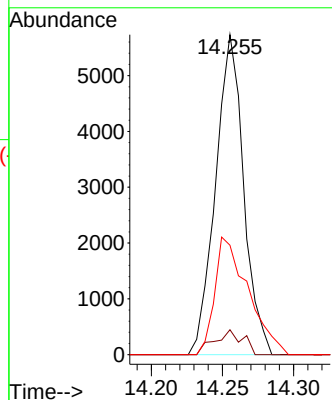
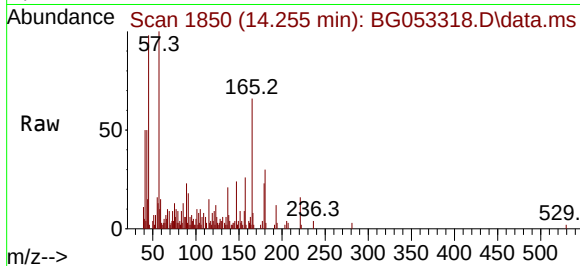




#51
2,6-Dinitrotoluene
Concen: 5.909 ng
RT: 14.255 min Scan# 1860
Delta R.T. -0.050 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

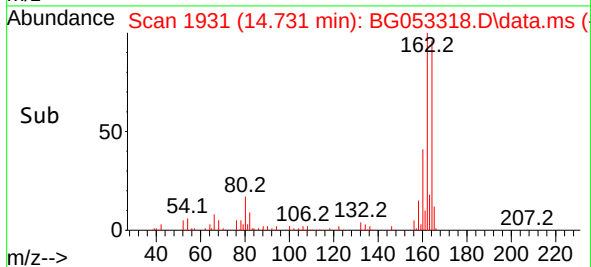
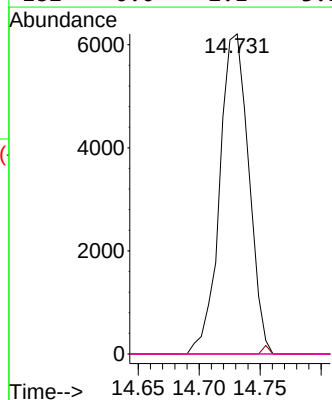
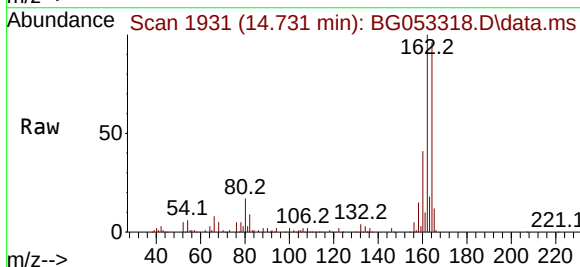
Instrument :
BNA_G
ClientSampleId :
C2

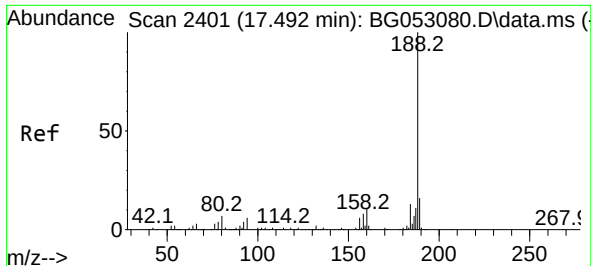
Tgt Ion:165 Resp: 7878
Ion Ratio Lower Upper
165 100
63 7.8 43.7 65.5#
89 34.2 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.429 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.361 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:165 Resp: 10305
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#

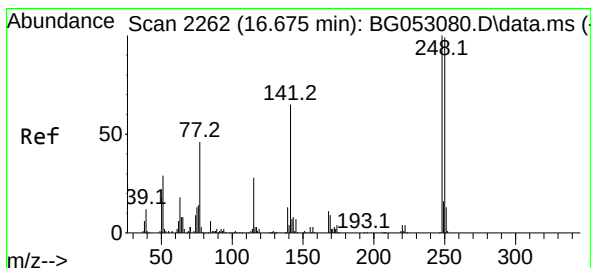
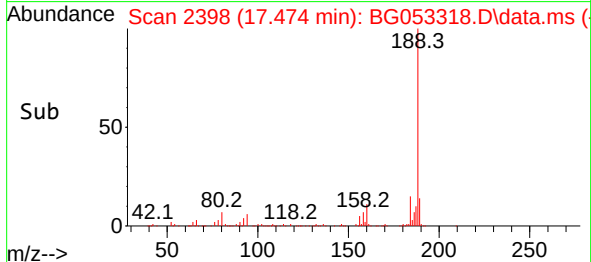
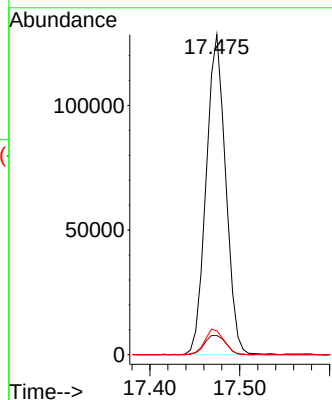
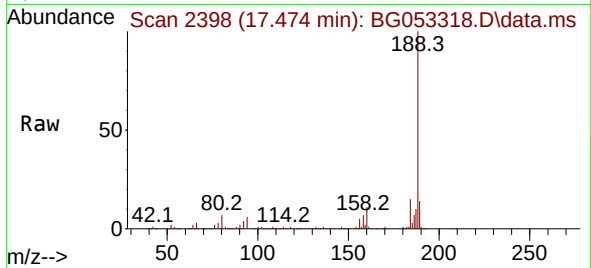




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

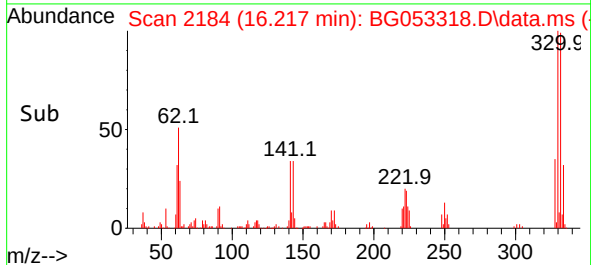
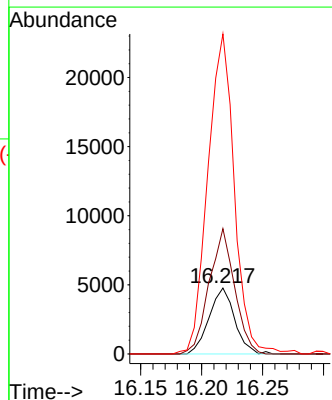
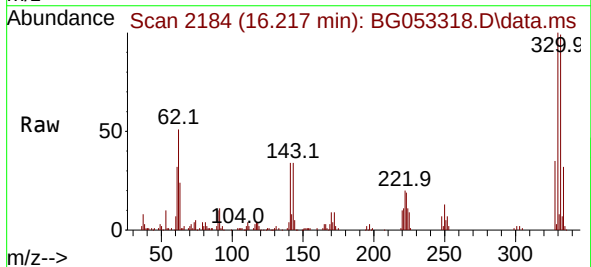
Instrument :
BNA_G
ClientSampleId :
C2

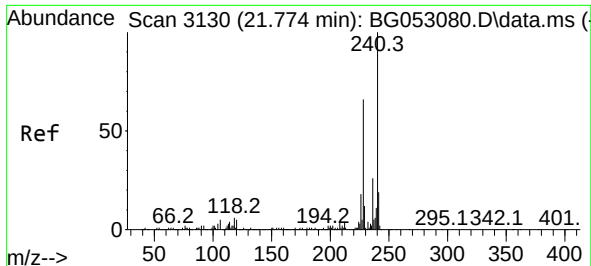
Tgt Ion:188 Resp: 193790
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 7.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.807 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.443 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:248 Resp: 6971
Ion Ratio Lower Upper
248 100
250 190.1 77.9 116.9#
141 485.7 49.2 73.8#

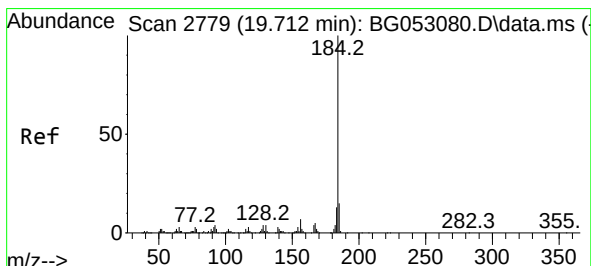
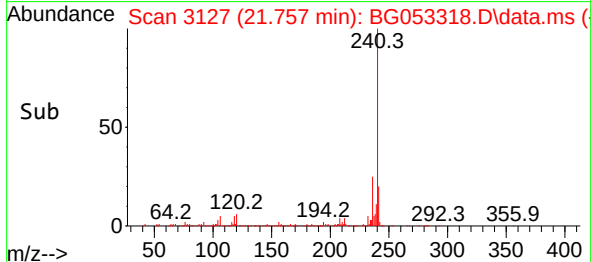
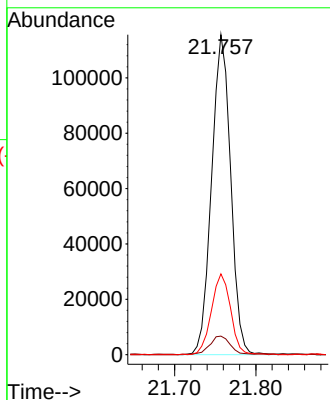
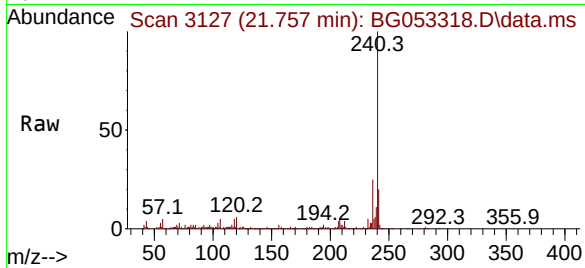




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

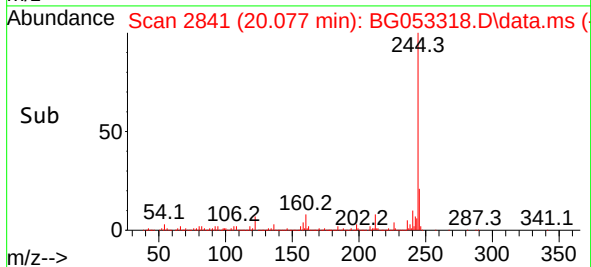
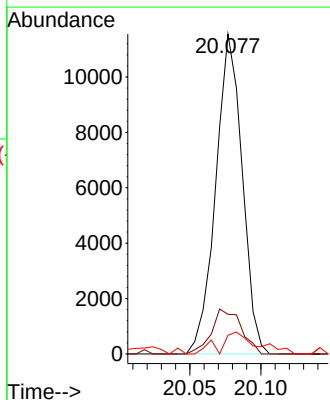
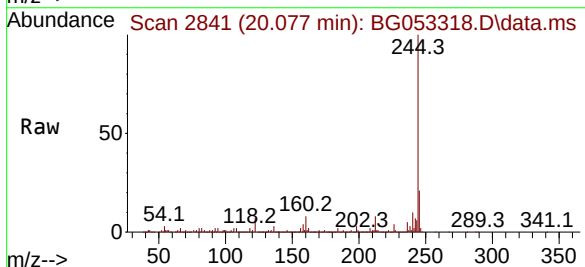
Instrument :
BNA_G
ClientSampleId :
C2

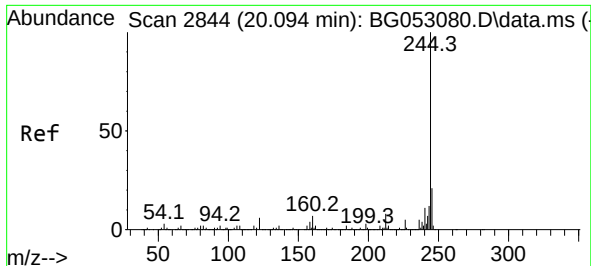
Tgt Ion:240 Resp: 188483
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 25.3 19.8 29.6



#77
Benzidine
Concen: 2.780 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Tgt Ion:184 Resp: 14948
Ion Ratio Lower Upper
184 100
185 12.4 11.5 17.3
183 5.8 9.4 14.2#

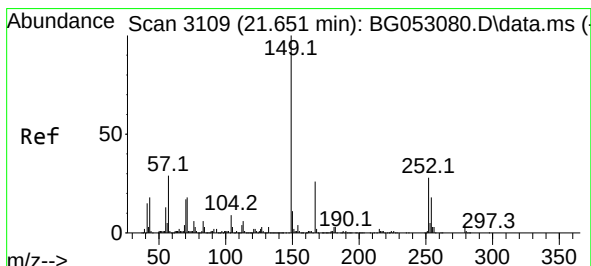
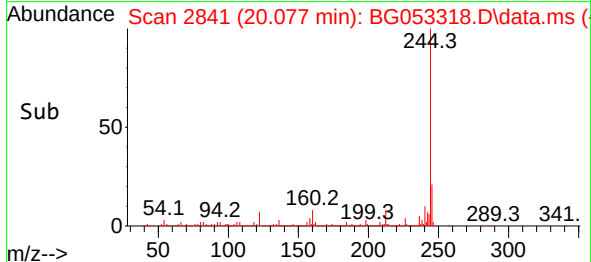
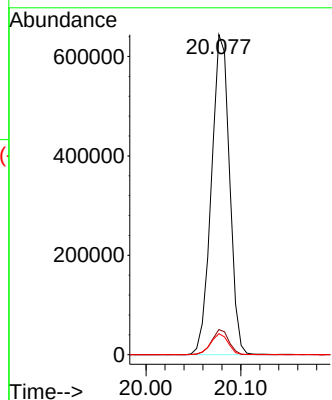
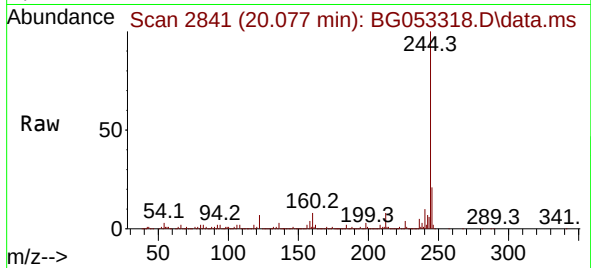




#79
 Terphenyl-d14
 Concen: 76.519 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053318.D
 Acq: 26 Apr 2022 13:23

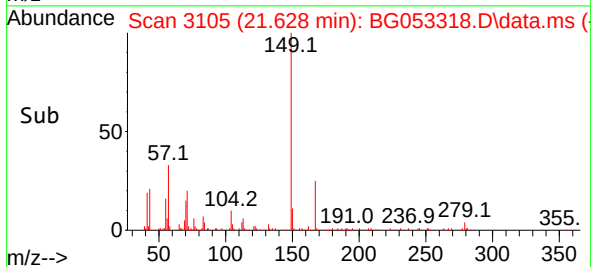
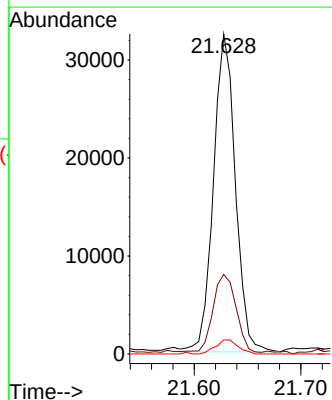
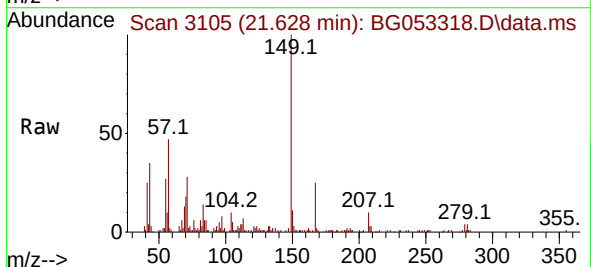
Instrument :
 BNA_G
 ClientSampleId :
 C2

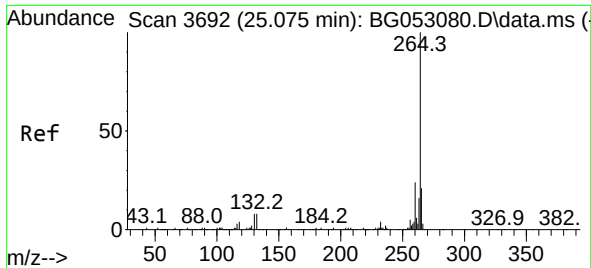
Tgt Ion:244 Resp: 853959
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.840 ng
 RT: 21.628 min Scan# 3105
 Delta R.T. -0.009 min
 Lab File: BG053318.D
 Acq: 26 Apr 2022 13:23

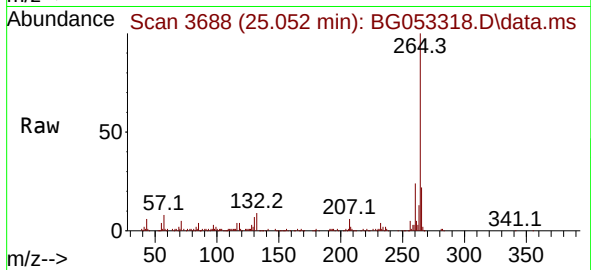
Tgt Ion:149 Resp: 46269
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.2
 279 4.4 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.052 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053318.D
Acq: 26 Apr 2022 13:23

Instrument :
BNA_G
ClientSampleId :
C2



Tgt Ion:	264	Resp:	202879
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.2
265	21.7	15.1	22.7

