

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053883.D
 Acq On : 10 Jun 2022 20:15
 Operator : CG/JU
 Sample : N3301-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-216(28-30)

Quant Time: Jun 11 02:05:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

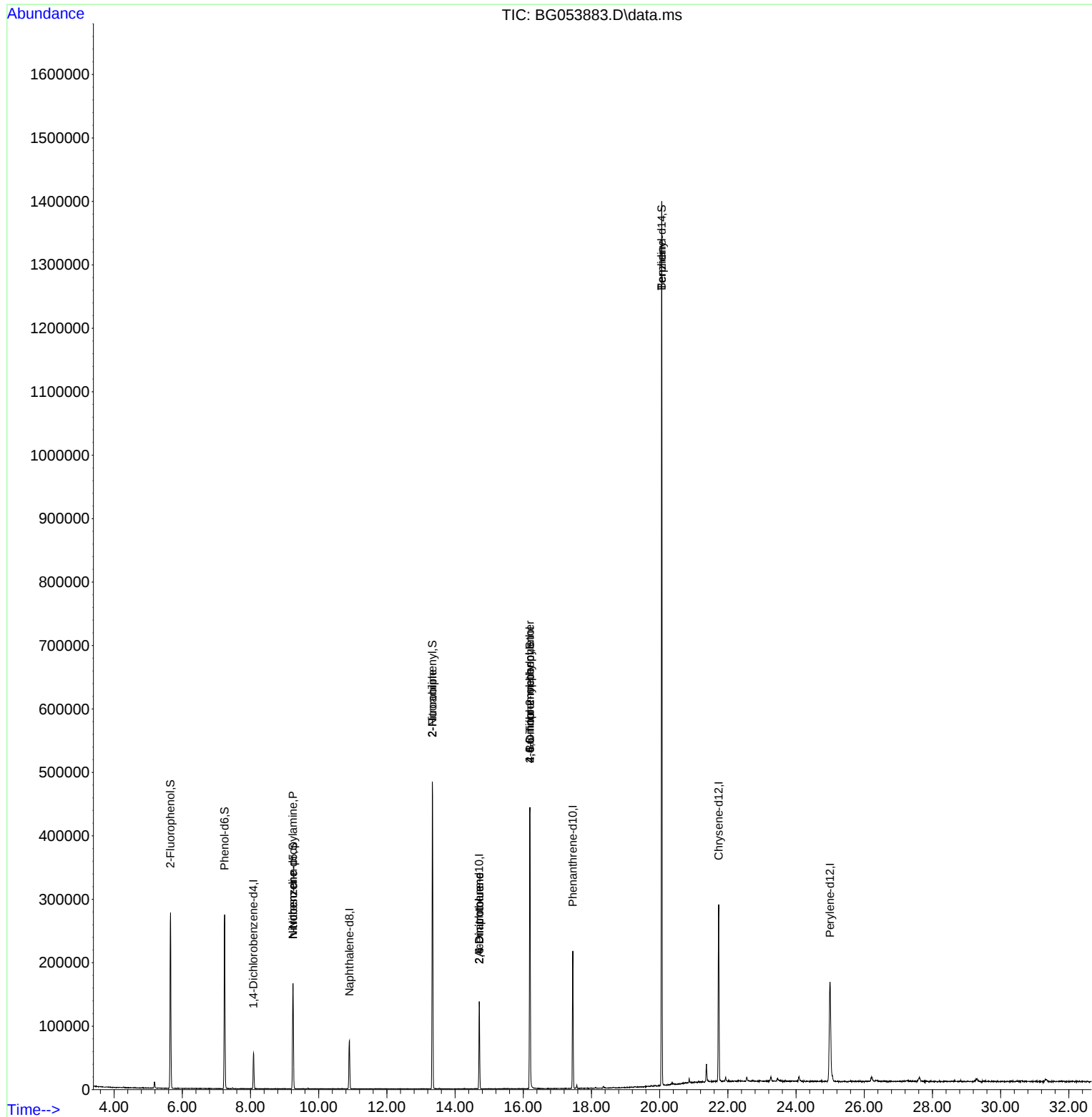
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	18762	20.00	ng	0.00
21) Naphthalene-d8	10.902	136	73957	20.00	ng	# 0.00
39) Acenaphthene-d10	14.709	164	54990	20.00	ng	0.00
64) Phenanthrene-d10	17.453	188	156820	20.00	ng	# 0.00
76) Chrysene-d12	21.730	240	199006	20.00	ng	0.00
86) Perylene-d12	24.997	264	204629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	132248	129.44	ng	0.00
7) Phenol-d6	7.242	99	168196	121.53	ng	0.00
23) Nitrobenzene-d5	9.245	82	109031	96.81	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	113987	170.77	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	288589	78.51	ng	0.00
79) Terphenyl-d14	20.062	244	776864	77.66	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	14060	14.34	ng	# 83
24) Nitrobenzene	9.245	77	231	3.14	ng	# 48
48) 2-Nitroaniline	13.334	65	356	5.45	ng	# 1
51) 2,6-Dinitrotoluene	14.715	165	7475	13.51	ng	# 16
57) 2,4-Dinitrotoluene	14.715	165	7475	11.29	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	175	5.86	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	6837	4.01	ng	# 1
77) Benzidine	20.062	184	9826	2.02	ng	# 92

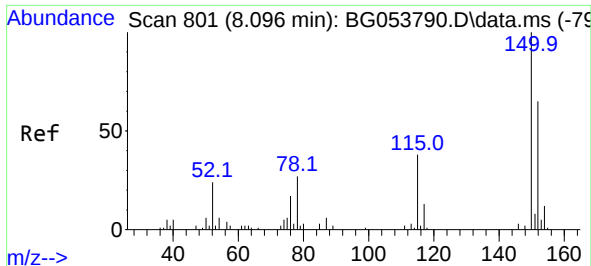
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
Data File : BG053883.D
Acq On : 10 Jun 2022 20:15
Operator : CG/JU
Sample : N3301-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

Quant Time: Jun 11 02:05:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
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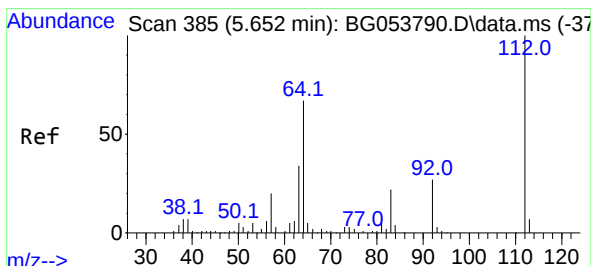
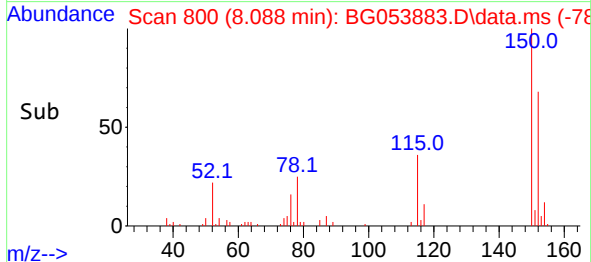
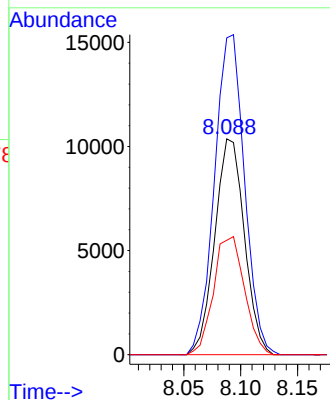
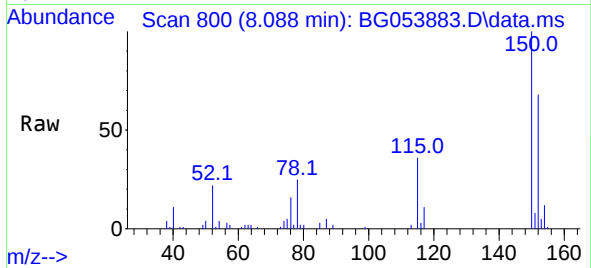




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

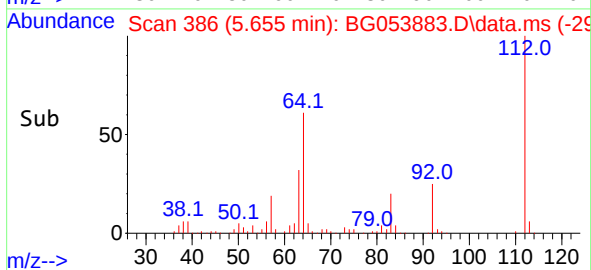
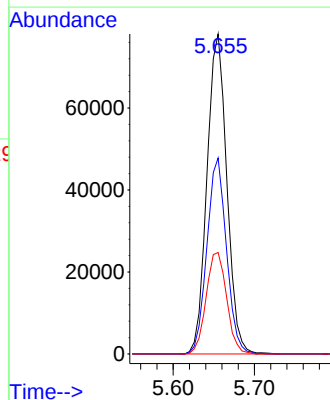
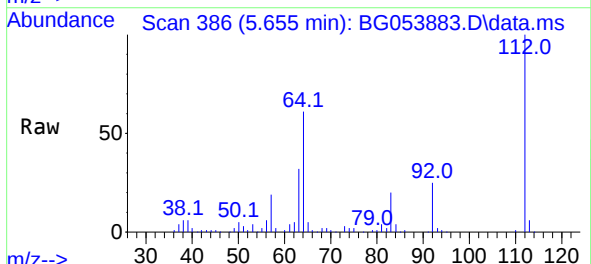
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

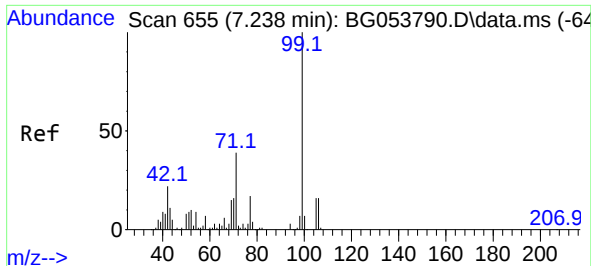
Tgt Ion:152 Resp: 18762
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 53.0 50.9 76.3



#5
2-Fluorophenol
Concen: 129.44 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion:112 Resp: 132248
Ion Ratio Lower Upper
112 100
64 61.2 55.1 82.7
63 31.7 30.4 45.6

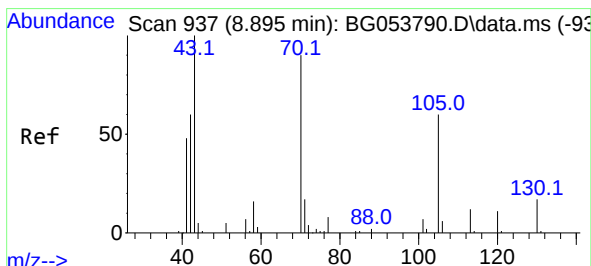
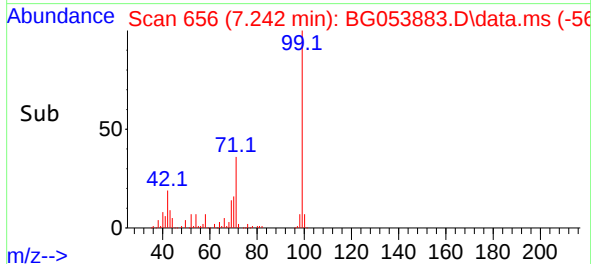
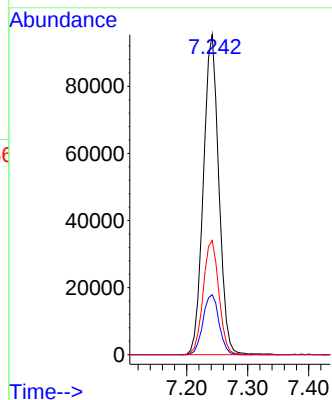
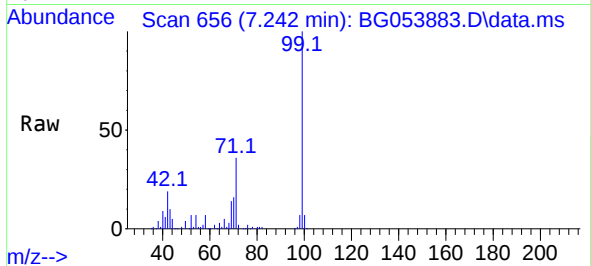




#7
Phenol-d6
Concen: 121.53 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

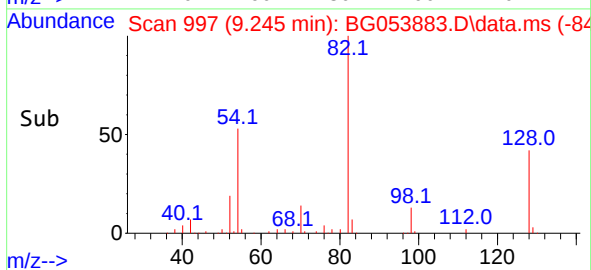
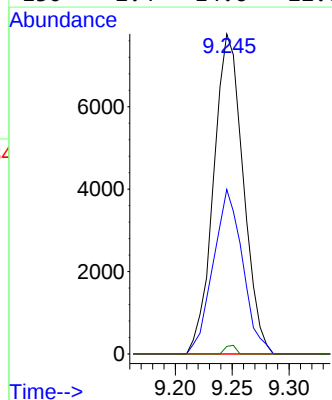
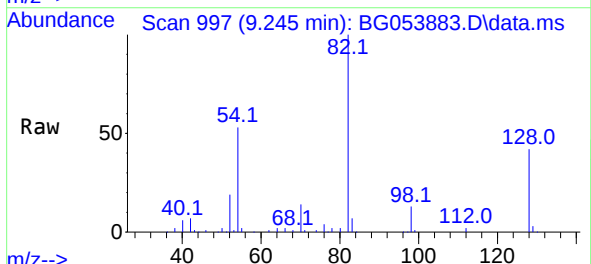
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

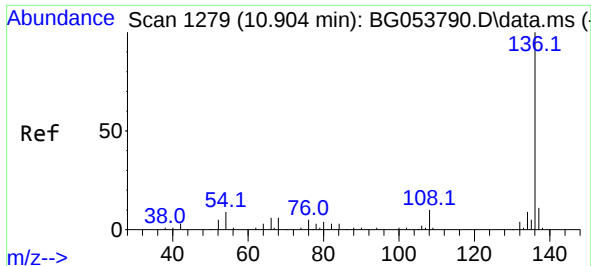
Tgt Ion: 99 Resp: 168196
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 35.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 70 Resp: 14060
Ion Ratio Lower Upper
70 100
42 51.4 47.3 70.9
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#

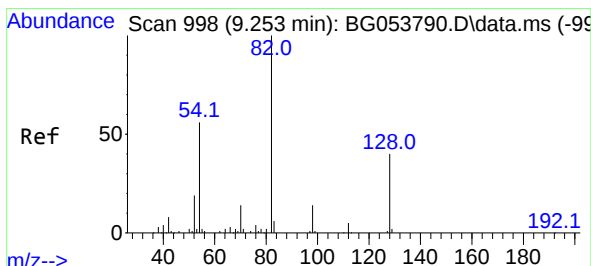
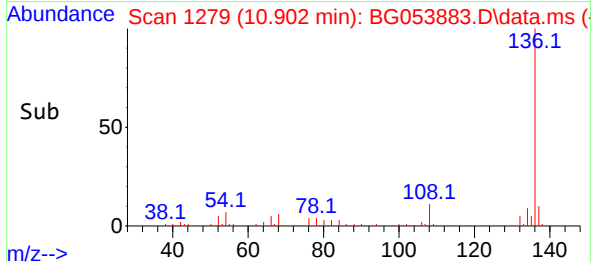
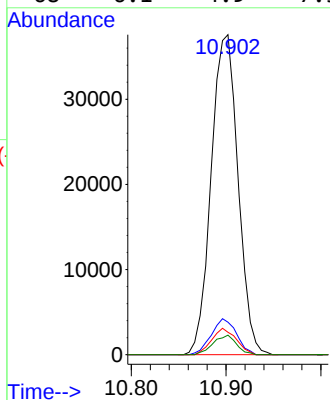
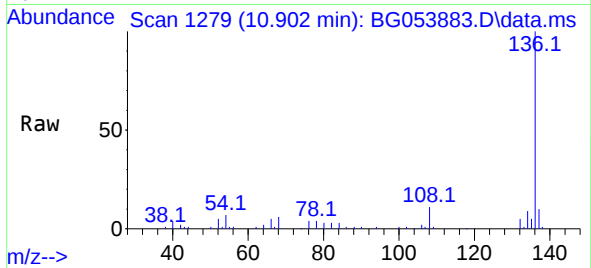




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

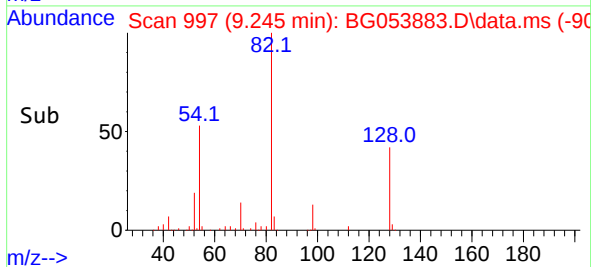
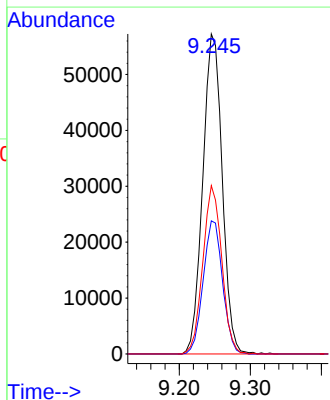
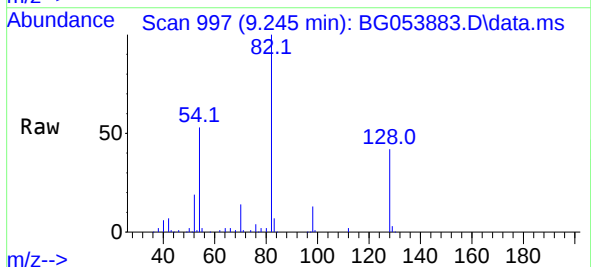
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

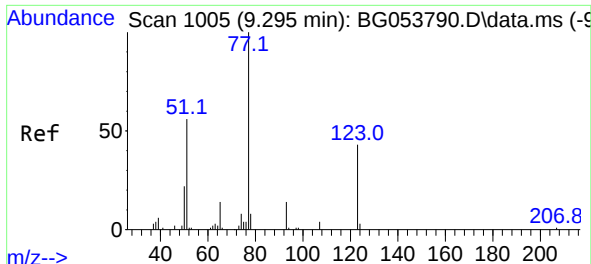
Tgt Ion:	136	Resp:	73957
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	7.0	7.4	11.2#
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 96.81 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion:	82	Resp:	109031
Ion Ratio	Lower	Upper	
82	100		
128	41.6	27.9	41.9
54	52.6	41.2	61.8

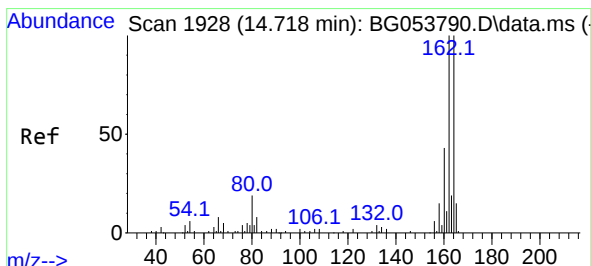
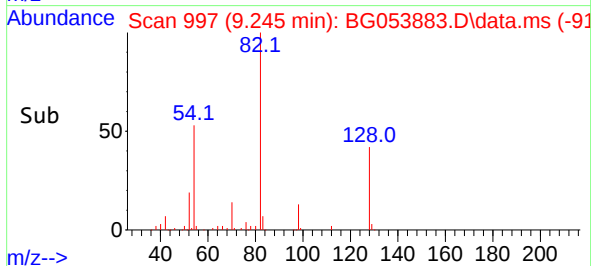
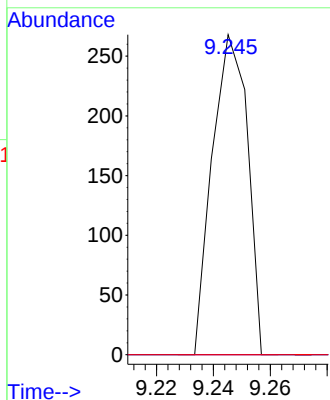
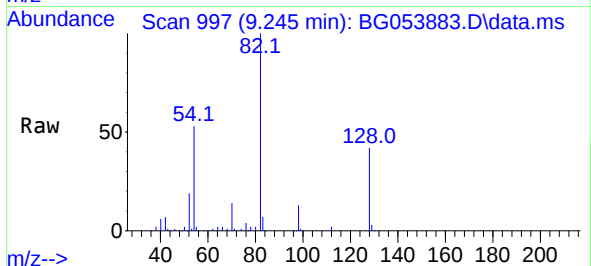




#24
Nitrobenzene
Concen: 3.14 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.050 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

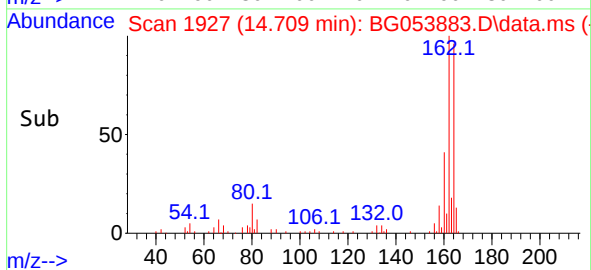
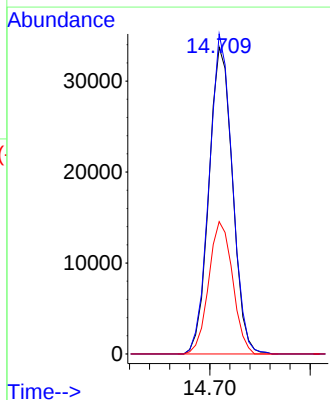
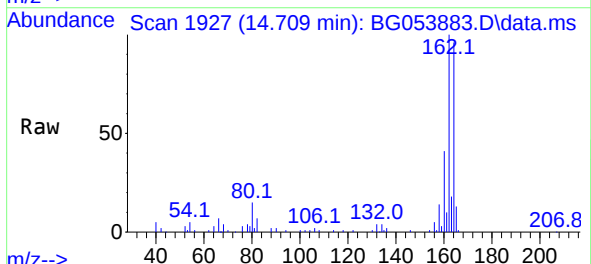
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

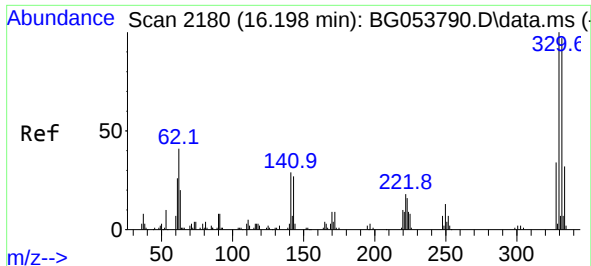
Tgt Ion: 77 Resp: 231
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 164 Resp: 54990
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.1 34.2 51.2

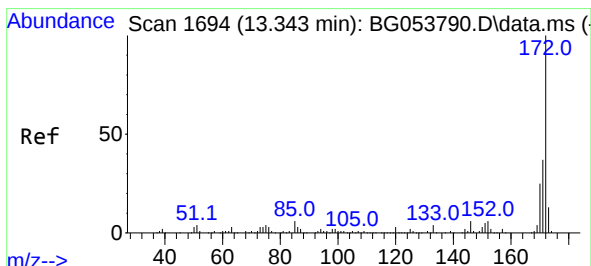
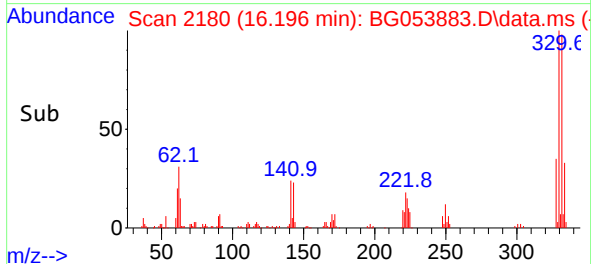
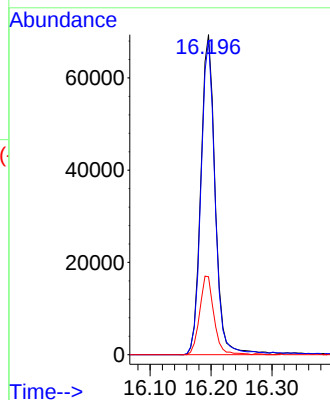
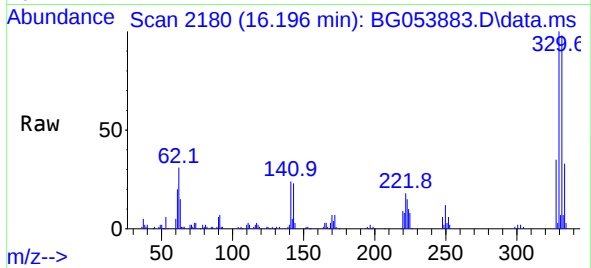




#42
2,4,6-Tribromophenol
Concen: 170.77 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

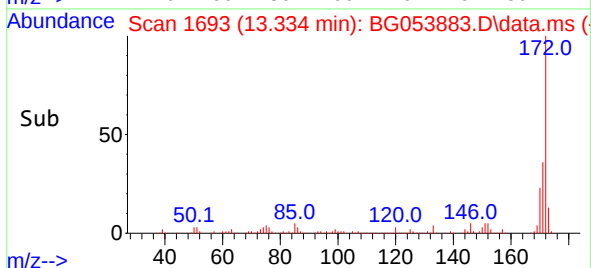
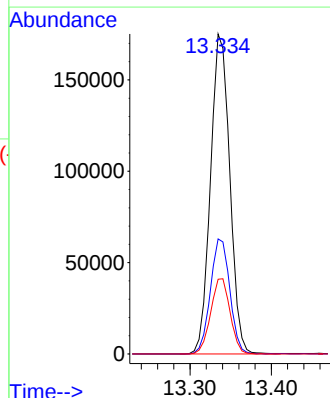
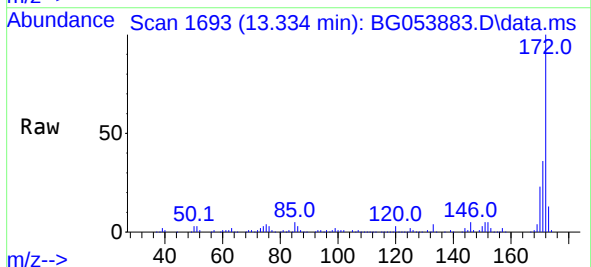
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

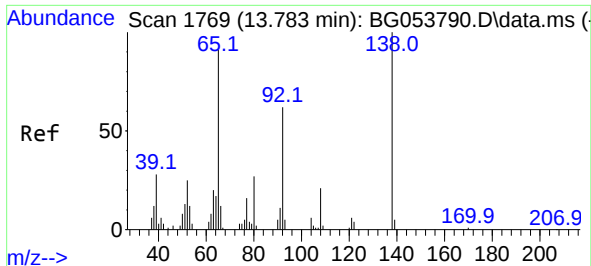
Tgt Ion:330 Resp: 113987
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 24.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 78.51 ng
RT: 13.334 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion:172 Resp: 288589
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.3 18.9 28.3

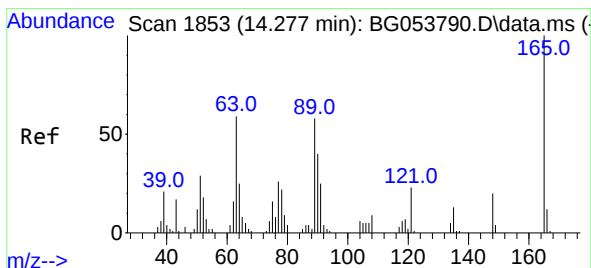
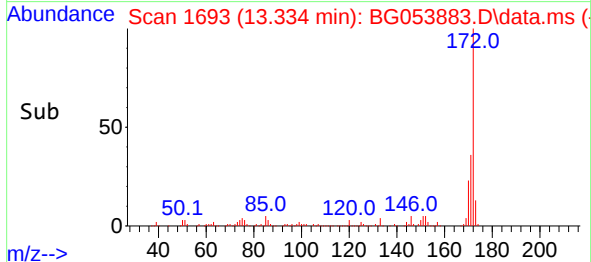
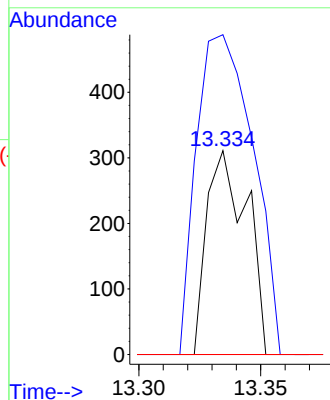
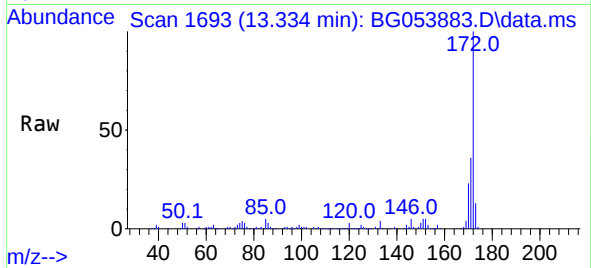




#48
2-Nitroaniline
Concen: 5.45 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.449 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

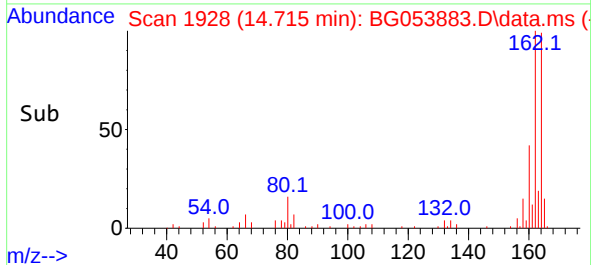
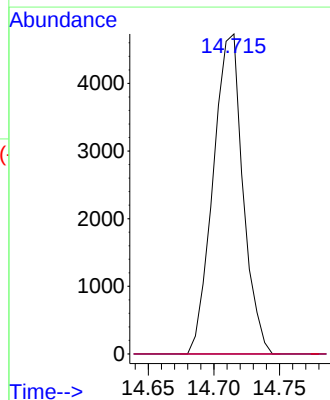
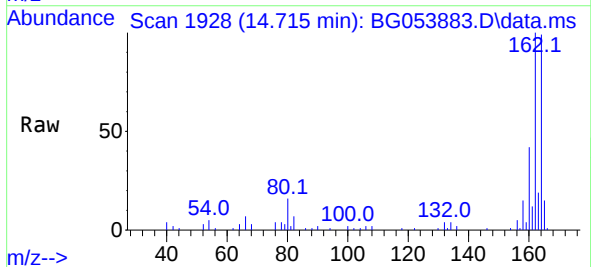
Instrument :
BNA_G
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B-216(28-30)

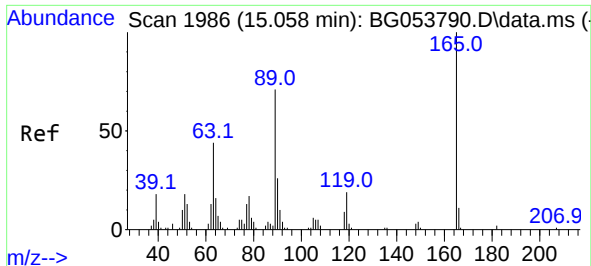
Tgt Ion: 65 Resp: 356
Ion Ratio Lower Upper
65 100
92 156.9 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.51 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.438 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 165 Resp: 7475
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.29 ng

RT: 14.715 min Scan# 1986

Delta R.T. -0.343 min

Lab File: BG053883.D

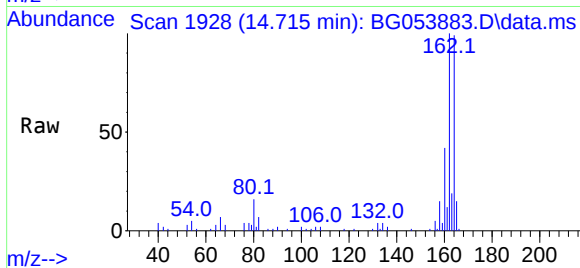
Acq: 10 Jun 2022 20:15

Instrument :

BNA_G

ClientSampleId :

B-216(28-30)



Tgt Ion:165 Resp: 7475

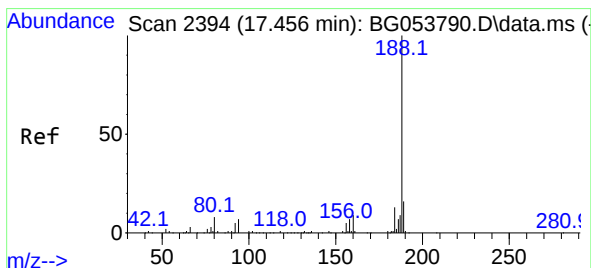
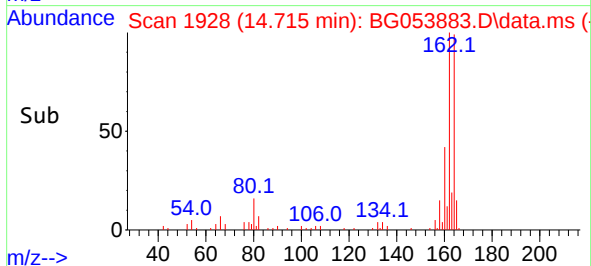
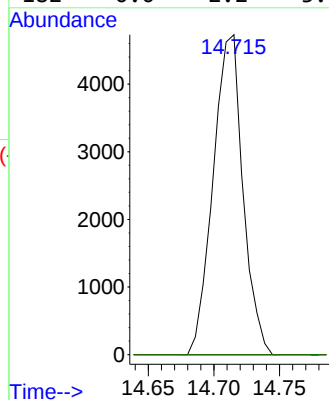
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.453 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG053883.D

Acq: 10 Jun 2022 20:15

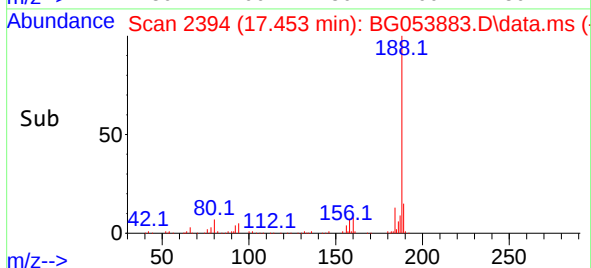
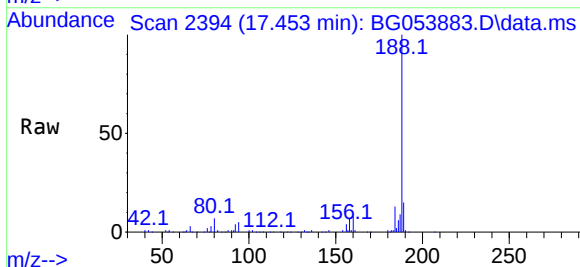
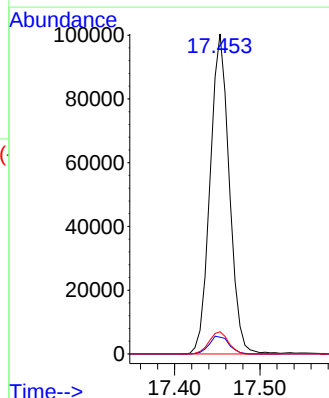
Tgt Ion:188 Resp: 156820

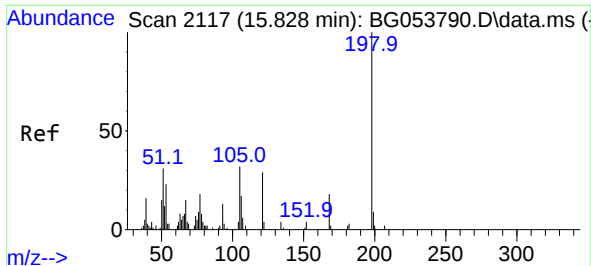
Ion Ratio Lower Upper

188 100

94 5.3 5.4 8.0#

80 6.9 6.8 10.2

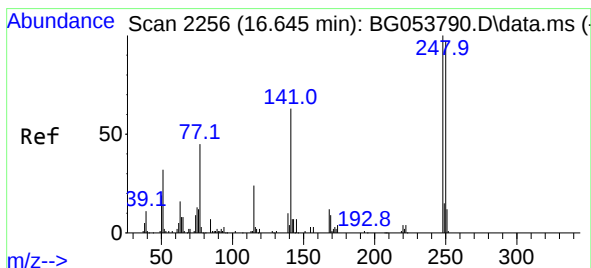
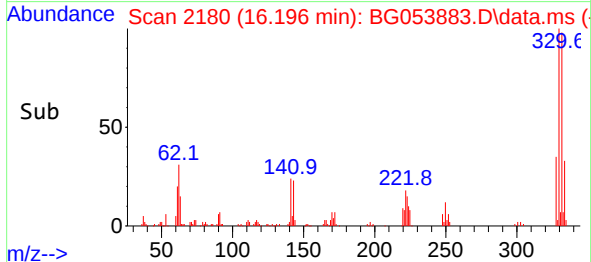
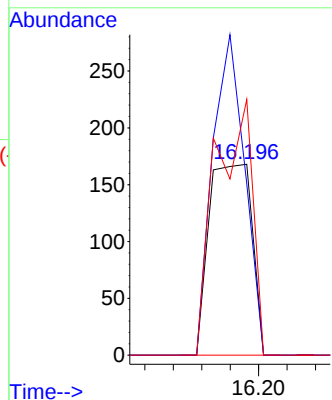
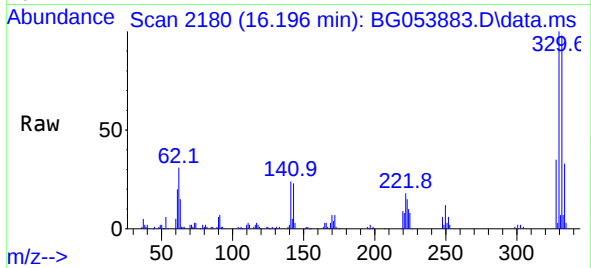




#65
4,6-Dinitro-2-methylphenol
Concen: 5.86 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

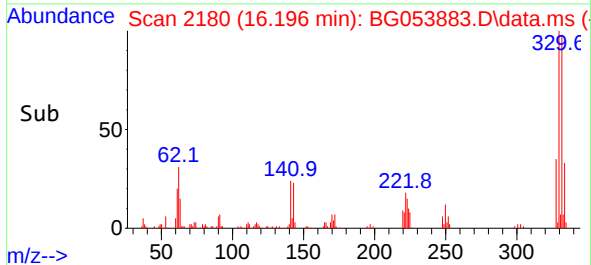
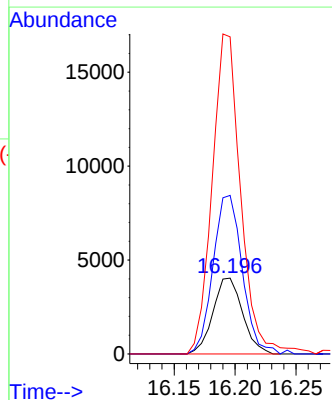
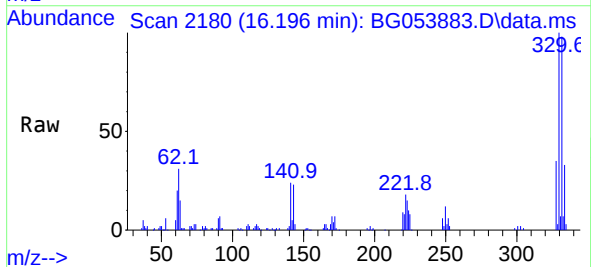
Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

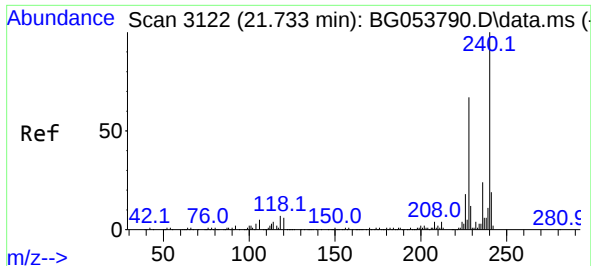
Tgt Ion:198 Resp: 175
Ion Ratio Lower Upper
198 100
51 89.9 28.1 68.1#
105 133.9 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion:248 Resp: 6837
Ion Ratio Lower Upper
248 100
250 151.5 75.2 112.8#
141 303.0 50.0 75.0#



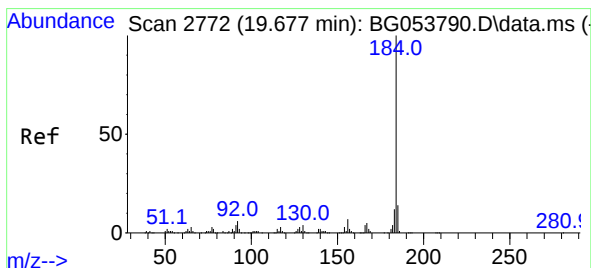
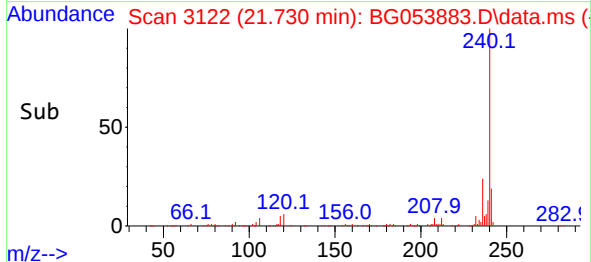
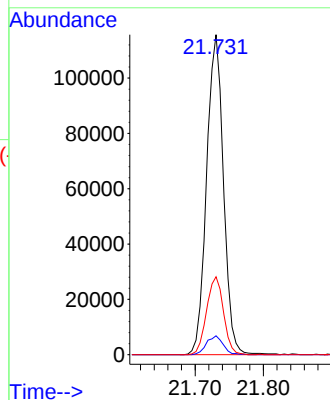
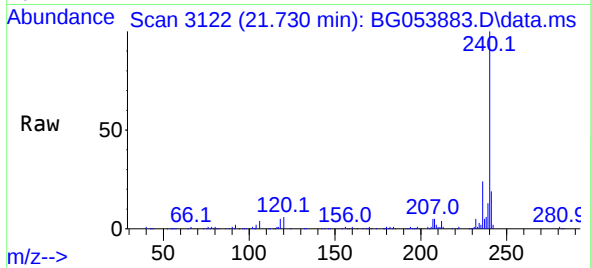


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_G
ClientSampleId :
B-216(28-30)

Tgt Ion:240 Resp: 199006

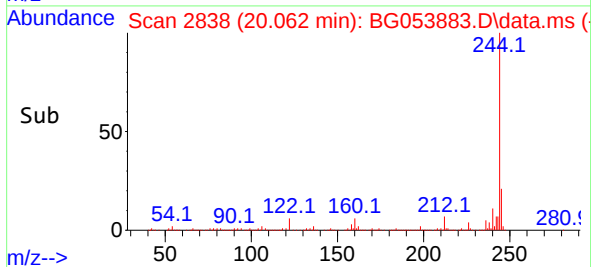
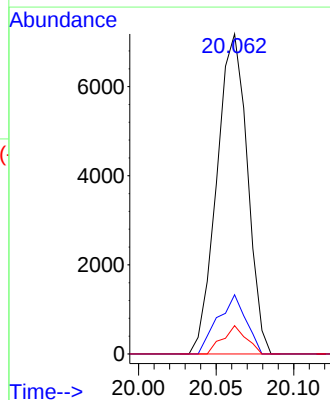
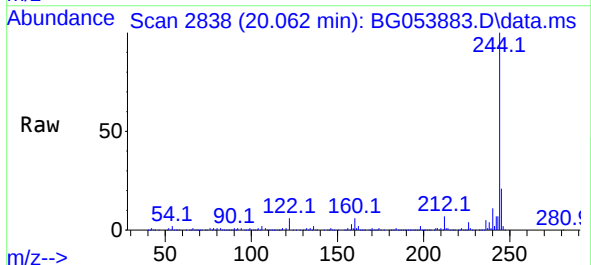
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	24.3	20.2	30.4

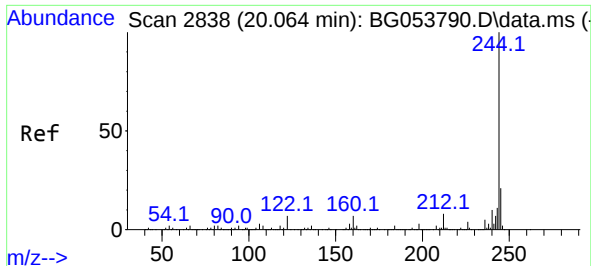


#77
Benzidine
Concen: 2.02 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.385 min
Lab File: BG053883.D
Acq: 10 Jun 2022 20:15

Tgt Ion:184 Resp: 9826

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.8	17.6#
183	8.9	8.9	13.3#

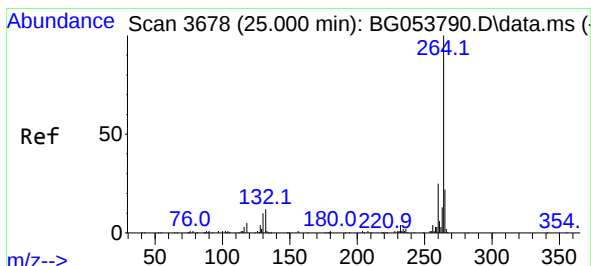
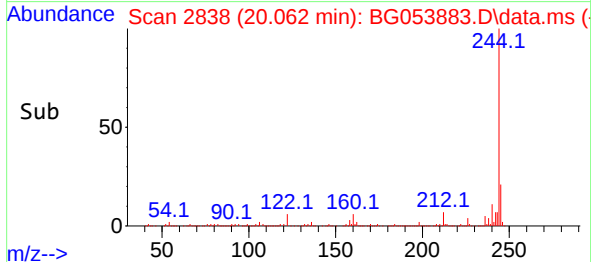
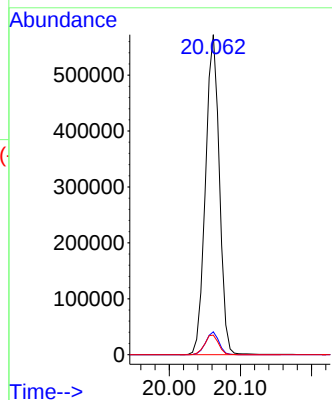
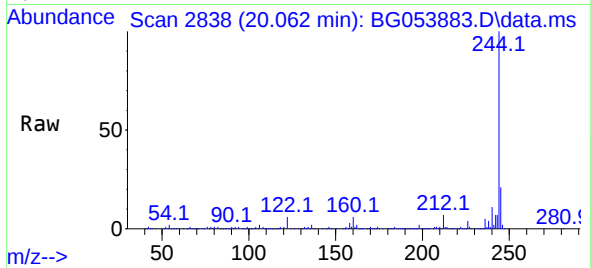




#79
 Terphenyl-d14
 Concen: 77.66 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053883.D
 Acq: 10 Jun 2022 20:15

Instrument :
 BNA_G
 ClientSampleId :
 B-216(28-30)

Tgt Ion:244 Resp: 776864
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.997 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053883.D
 Acq: 10 Jun 2022 20:15

Tgt Ion:264 Resp: 204629
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 21.5 17.4 26.2

