

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053884.D
 Acq On : 10 Jun 2022 20:54
 Operator : CG/JU
 Sample : N3301-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-214(29-30)

Quant Time: Jun 11 02:06:10 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)

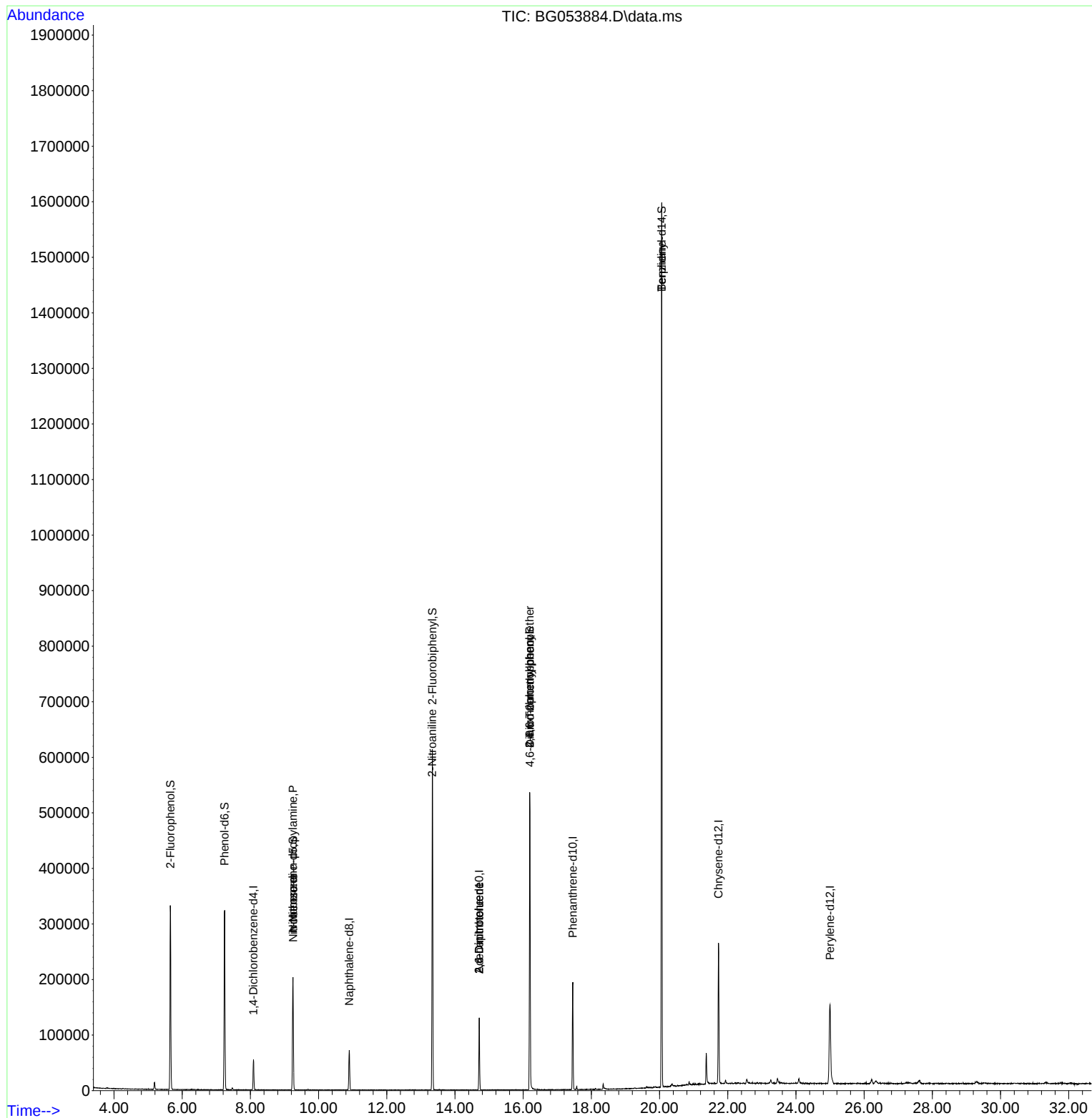
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	17378	20.00	ng	# 0.00
21) Naphthalene-d8	10.898	136	67358	20.00	ng	0.00
39) Acenaphthene-d10	14.711	164	49506	20.00	ng	0.00
64) Phenanthrene-d10	17.455	188	144756	20.00	ng	# 0.00
76) Chrysene-d12	21.726	240	180384	20.00	ng	0.00
86) Perylene-d12	24.999	264	181182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	157892	166.85	ng	0.00
7) Phenol-d6	7.243	99	200949	156.76	ng	0.00
23) Nitrobenzene-d5	9.247	82	130065	126.80	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	133354	221.91	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	355719	107.49	ng	0.00
79) Terphenyl-d14	20.064	244	911033	100.48	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	16883	18.60	ng	# 80
24) Nitrobenzene	9.253	77	317	3.23	ng	# 48
48) 2-Nitroaniline	13.330	65	413	5.57	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	6944	13.82	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	6944	11.51	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.198	198	201	5.92	ng	# 25
67) 4-Bromophenyl-phenylether	16.192	248	8214	5.22	ng	# 1
77) Benzidine	20.064	184	11573	2.62	ng	# 95

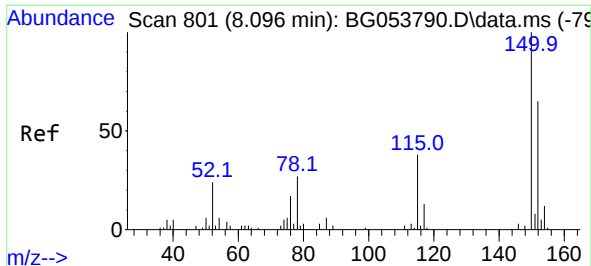
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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B-214(29-30)

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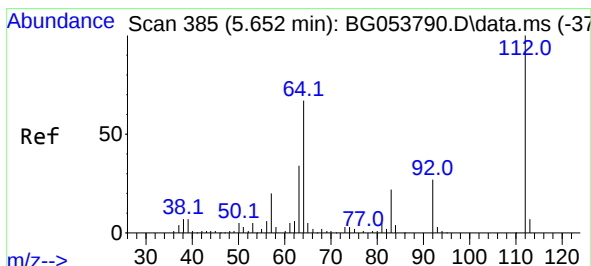
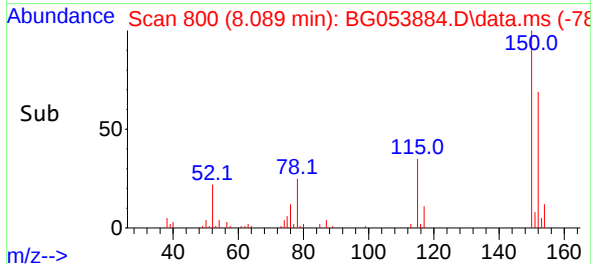
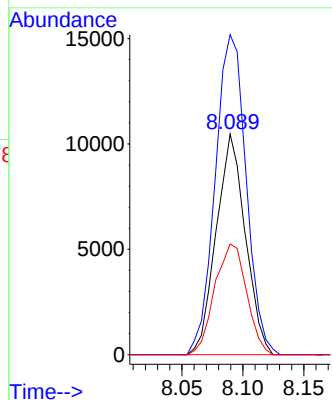
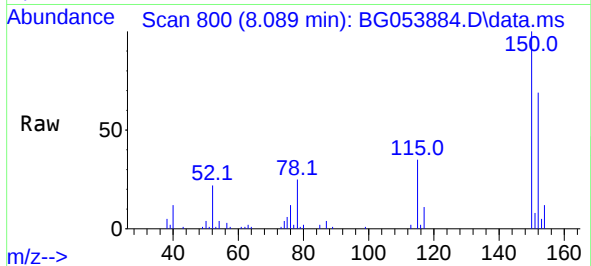




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

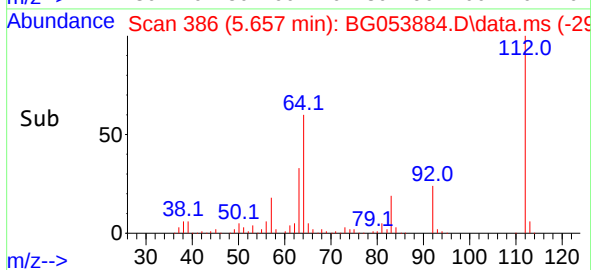
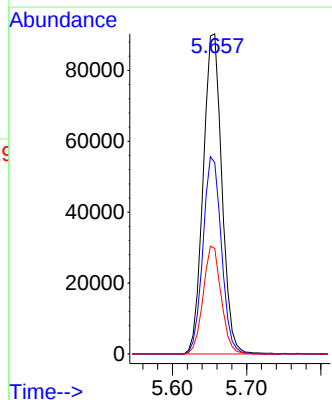
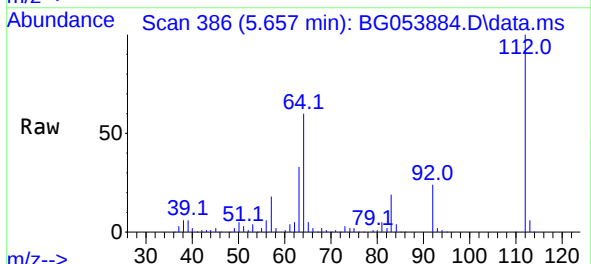
Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

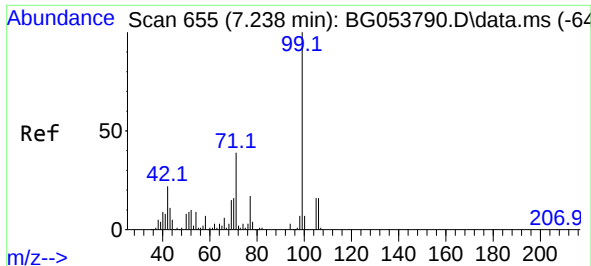
Tgt Ion:152 Resp: 17378
Ion Ratio Lower Upper
152 100
150 145.0 131.6 197.4
115 50.2 50.9 76.3#



#5
2-Fluorophenol
Concen: 166.85 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

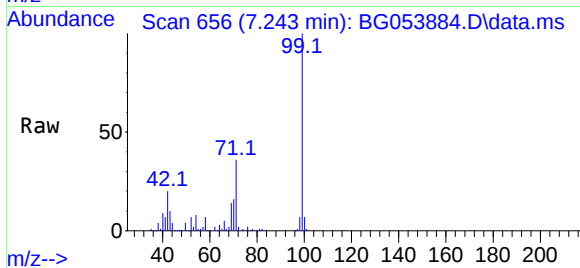
Tgt Ion:112 Resp: 157892
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 33.0 30.4 45.6



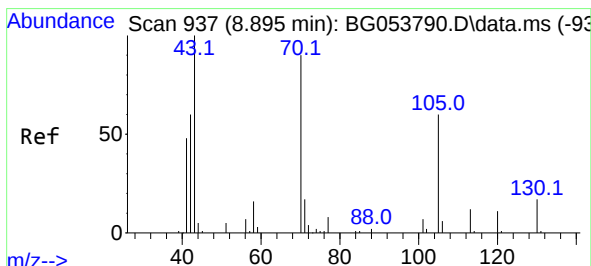
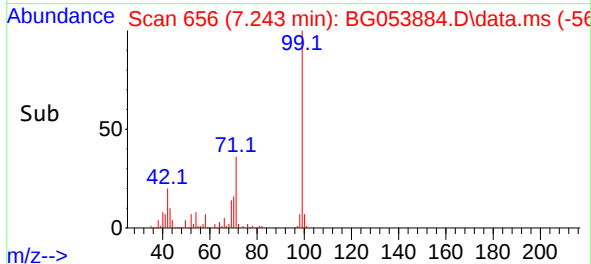
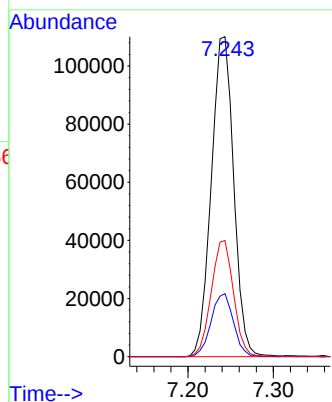


#7
Phenol-d6
Concen: 156.76 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

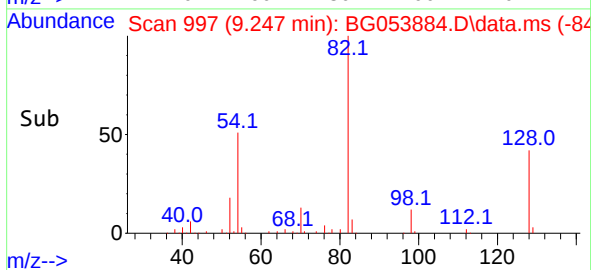
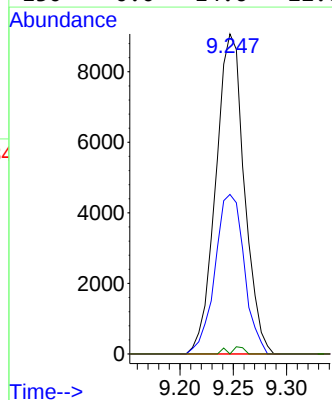
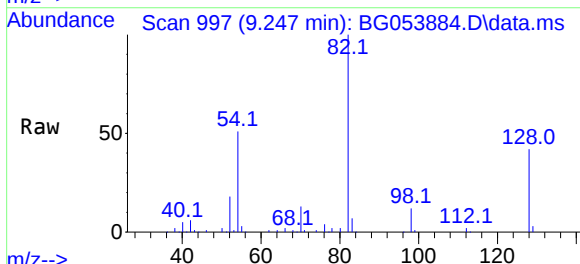


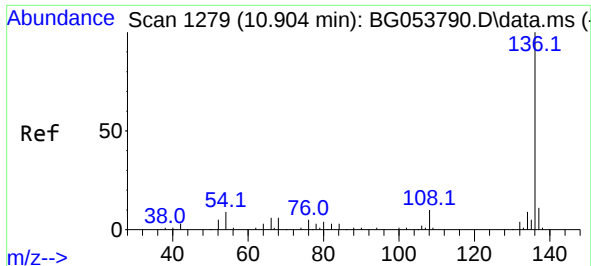
Tgt Ion: 99 Resp: 200949
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 36.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.60 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion: 70 Resp: 16883
Ion Ratio Lower Upper
70 100
42 49.8 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

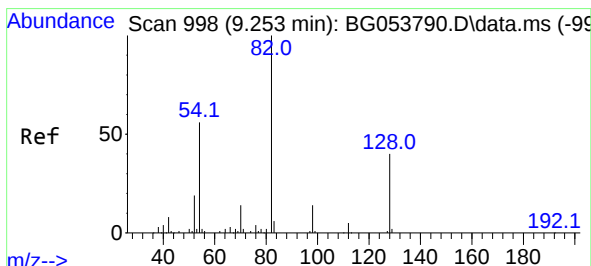
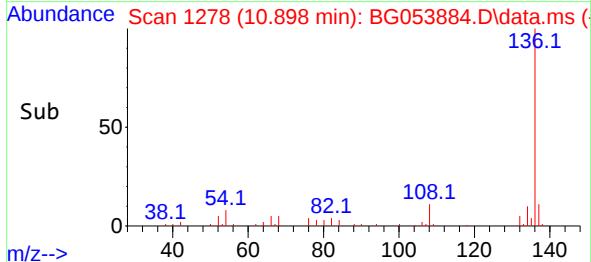
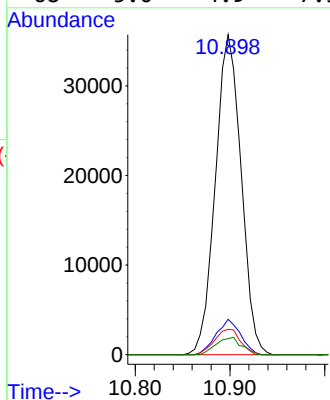
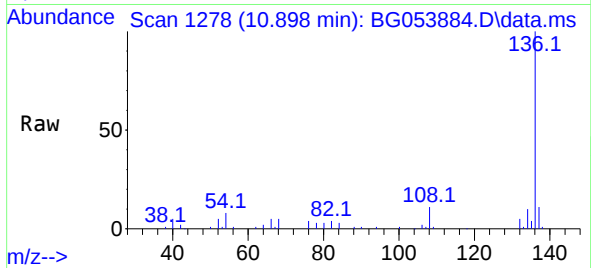




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

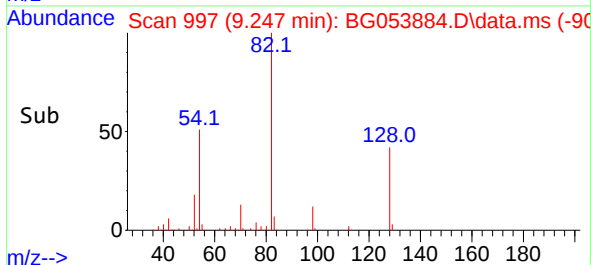
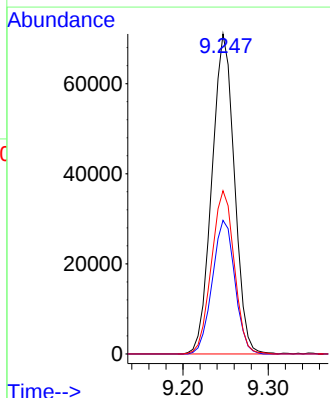
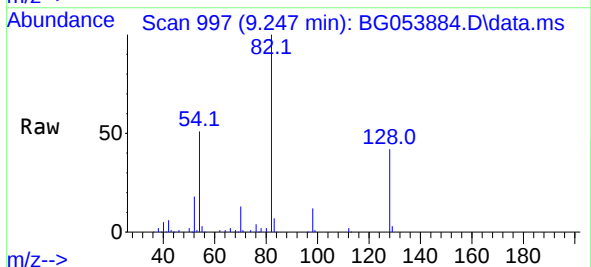
Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

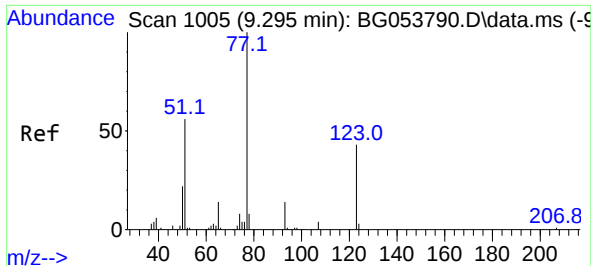
Tgt Ion:	136	Resp:	67358
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	7.4	11.2
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 126.80 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion:	82	Resp:	130065
Ion	Ratio	Lower	Upper
82	100		
128	41.7	27.9	41.9
54	51.0	41.2	61.8

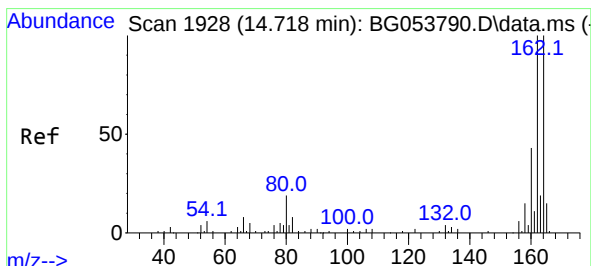
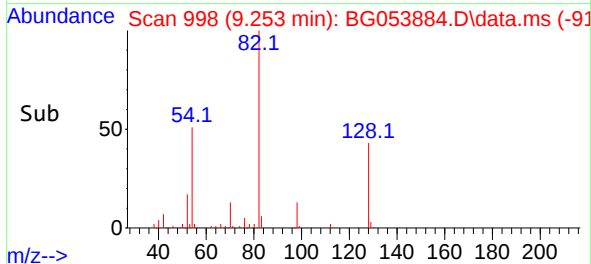
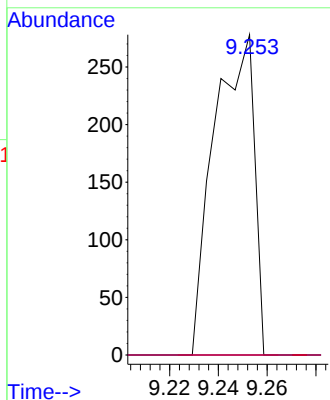
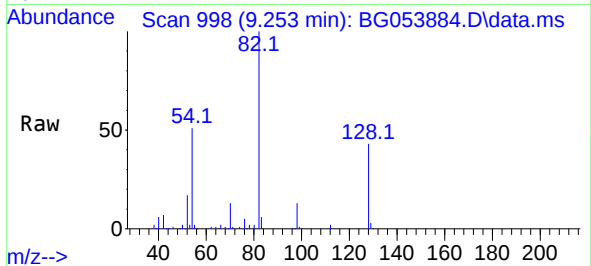




#24
Nitrobenzene
Concen: 3.23 ng
RT: 9.253 min Scan# 91
Delta R.T. -0.042 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

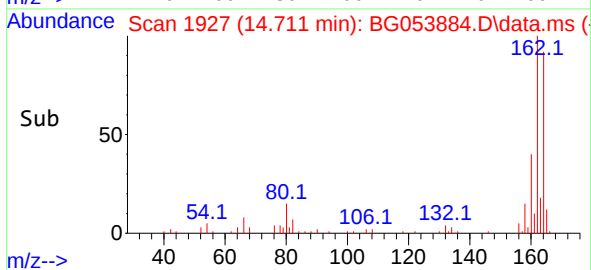
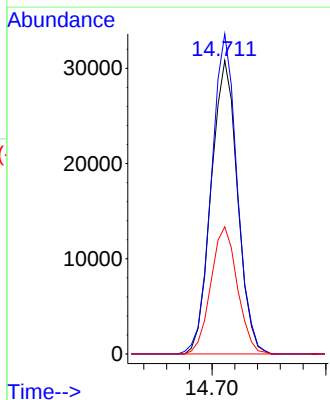
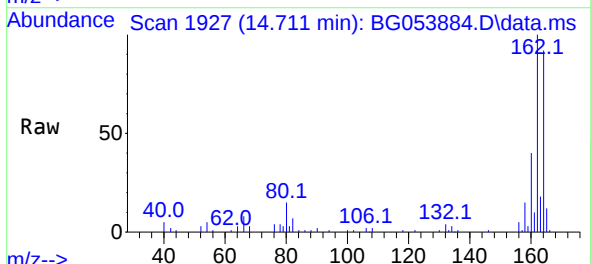
Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

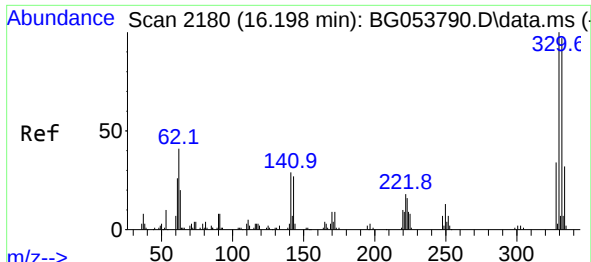
Tgt Ion: 77 Resp: 317
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion: 164 Resp: 49506
Ion Ratio Lower Upper
164 100
162 109.0 82.3 123.5
160 43.3 34.2 51.2

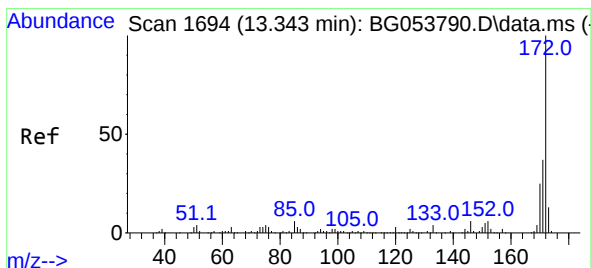
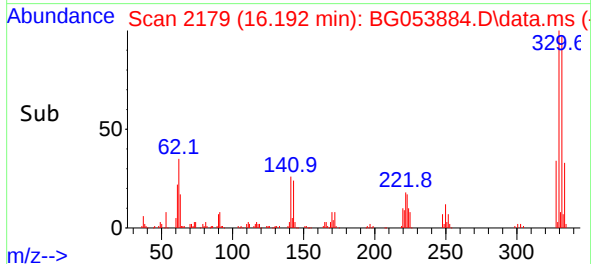
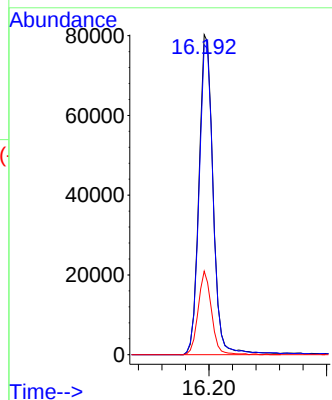
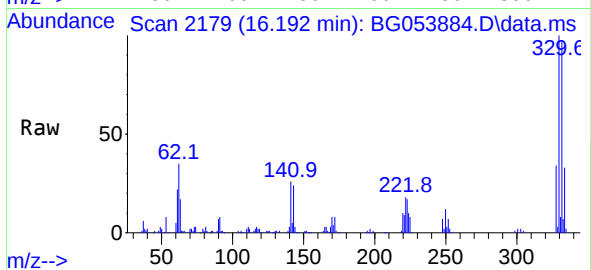




#42
2,4,6-Tribromophenol
Concen: 221.91 ng
RT: 16.192 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

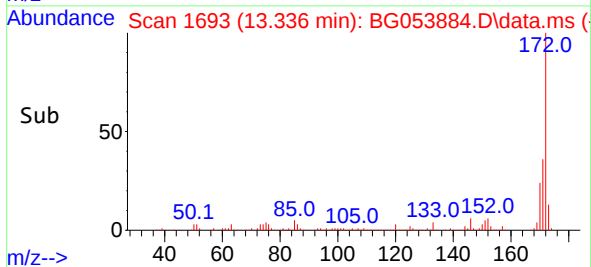
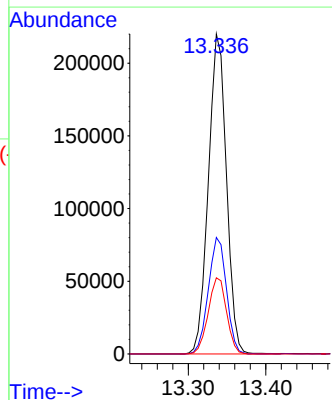
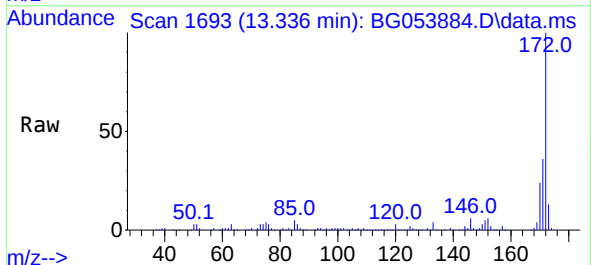
Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

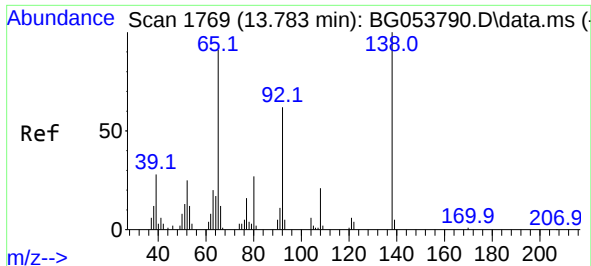
Tgt Ion:330 Resp: 133354
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 24.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 107.49 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.007 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion:172 Resp: 355719
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.8 18.9 28.3

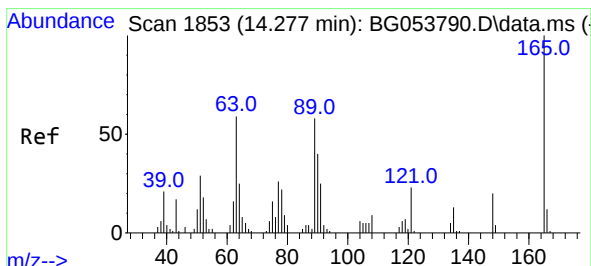
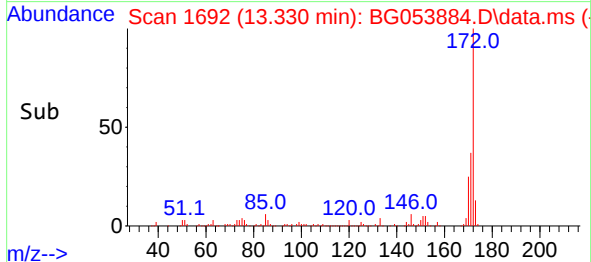
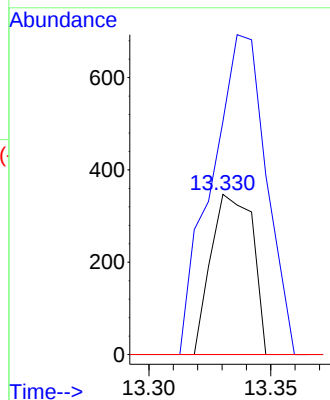
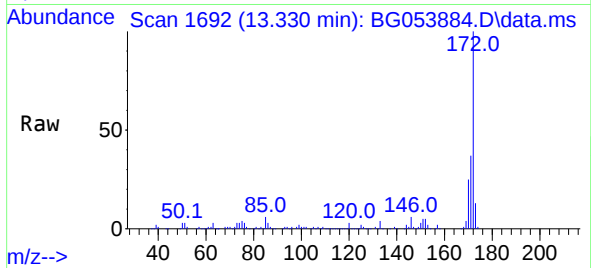




#48
2-Nitroaniline
Concen: 5.57 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.453 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

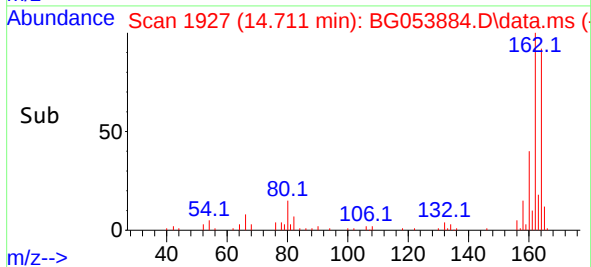
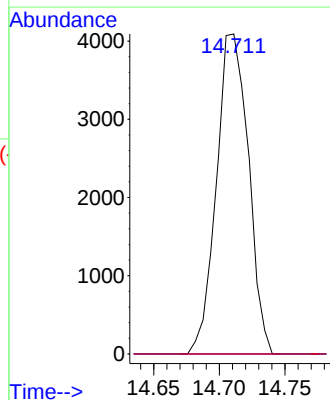
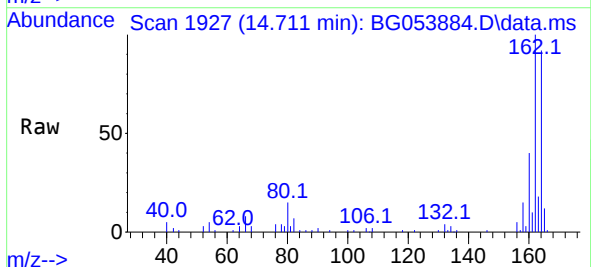
Instrument :
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ClientSampleId :
B-214(29-30)

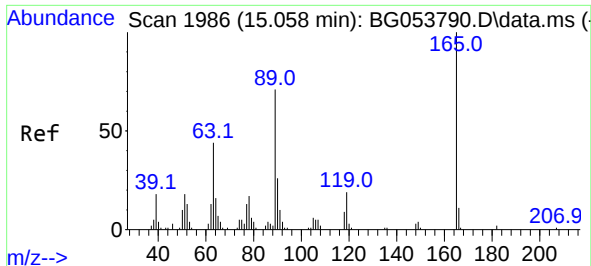
Tgt Ion: 65 Resp: 413
Ion Ratio Lower Upper
65 100
92 145.5 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.82 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion: 165 Resp: 6944
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: 11.51 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053884.D

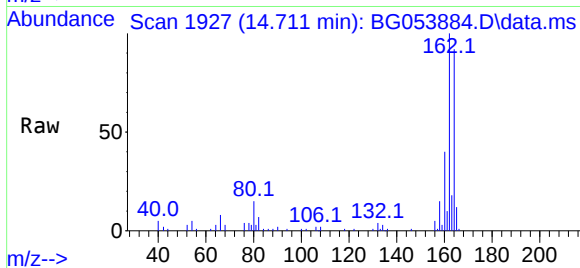
Acq: 10 Jun 2022 20:54

Instrument :

BNA_G

ClientSampleId :

B-214(29-30)



Tgt Ion:165 Resp: 6944

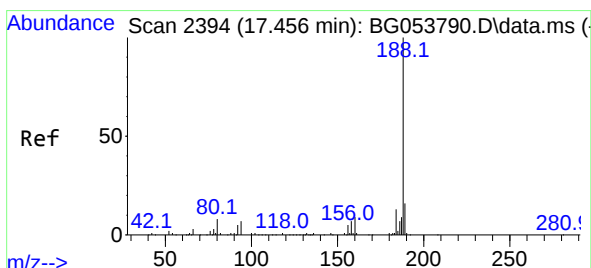
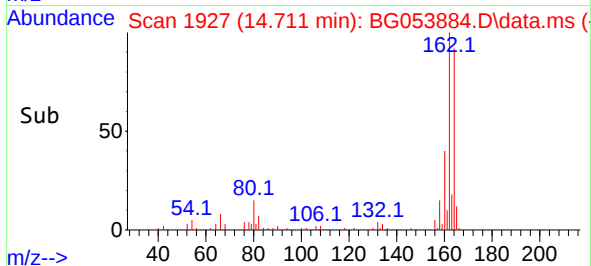
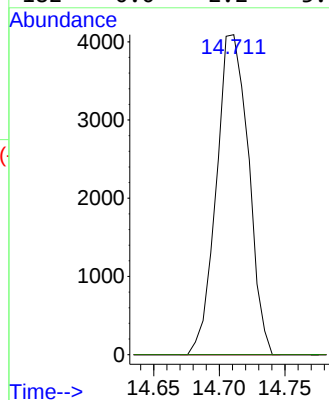
Ion Ratio Lower Upper

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: 17.455 min Scan# 2394

Delta R.T. -0.001 min

Lab File: BG053884.D

Acq: 10 Jun 2022 20:54

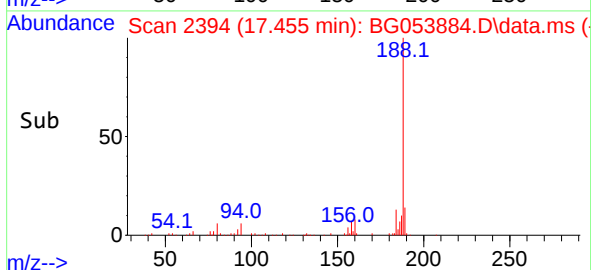
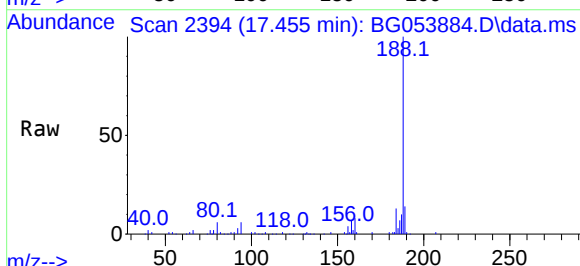
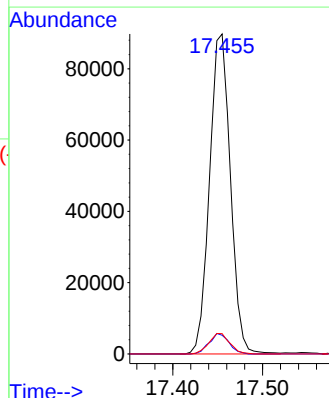
Tgt Ion:188 Resp: 144756

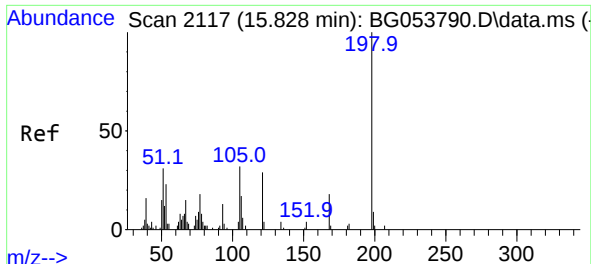
Ion Ratio Lower Upper

188 100

94 5.8 5.4 8.0

80 6.4 6.8 10.2#

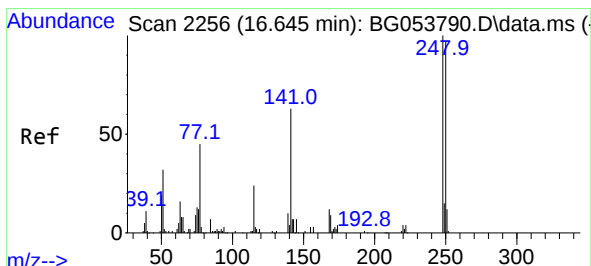
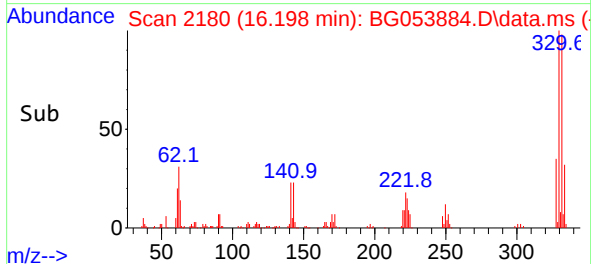
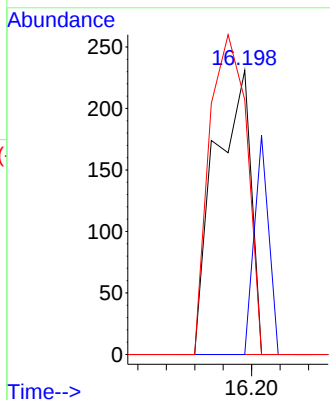
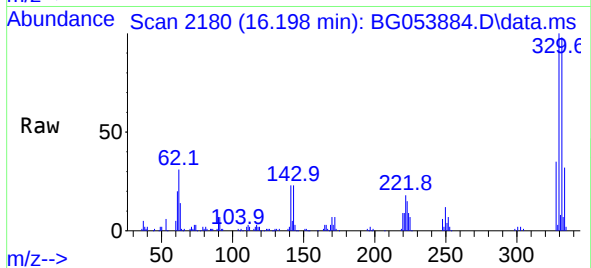




#65
4,6-Dinitro-2-methylphenol
Concen: 5.92 ng
RT: 16.198 min Scan# 2117
Delta R.T. 0.370 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

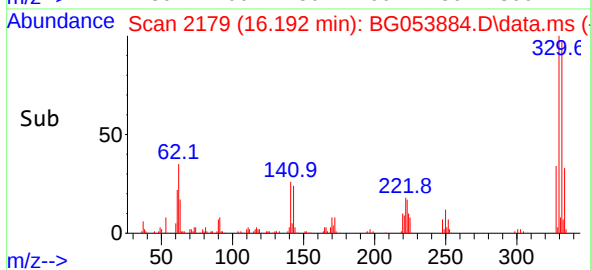
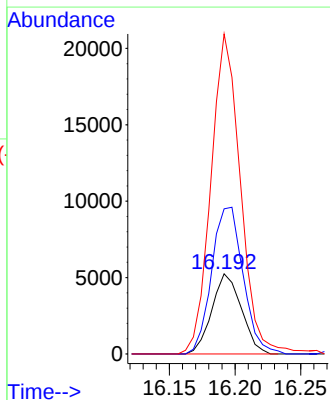
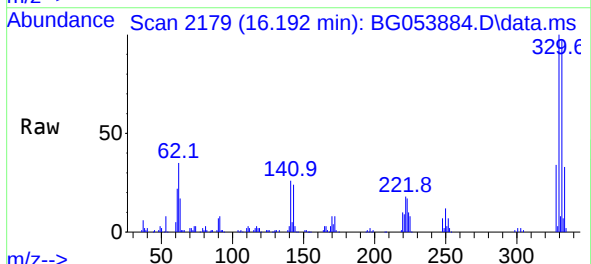
Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

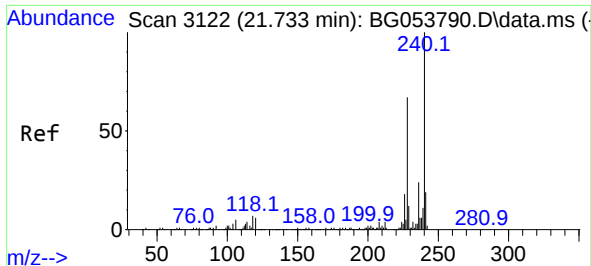
Tgt Ion:198 Resp: 201
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 89.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 16.192 min Scan# 2179
Delta R.T. -0.453 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion:248 Resp: 8214
Ion Ratio Lower Upper
248 100
250 232.6 75.2 112.8#
141 399.0 50.0 75.0#



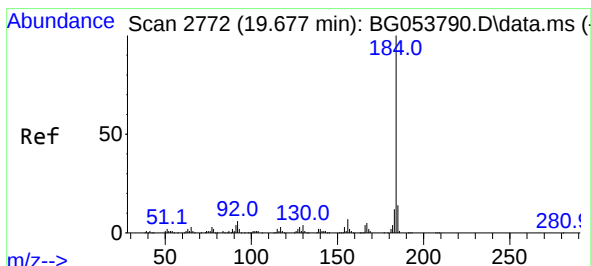
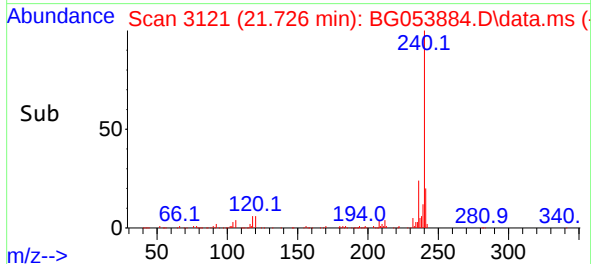
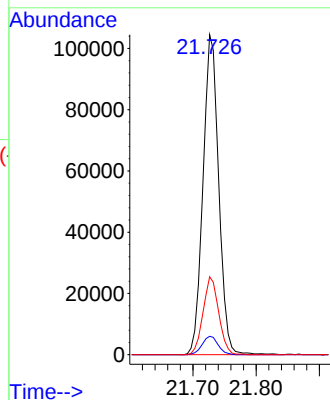
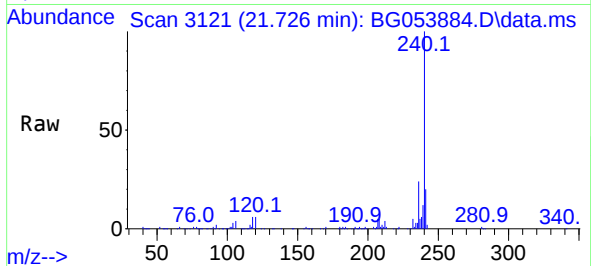


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Instrument :
BNA_G
ClientSampleId :
B-214(29-30)

Tgt Ion:240 Resp: 180384

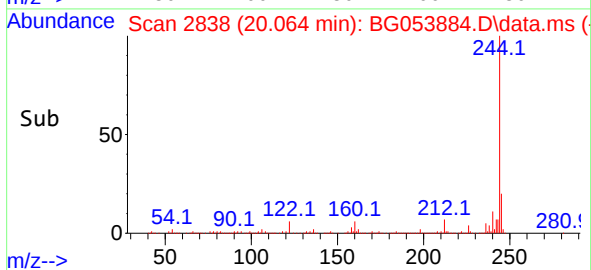
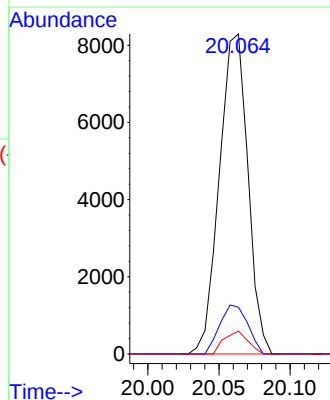
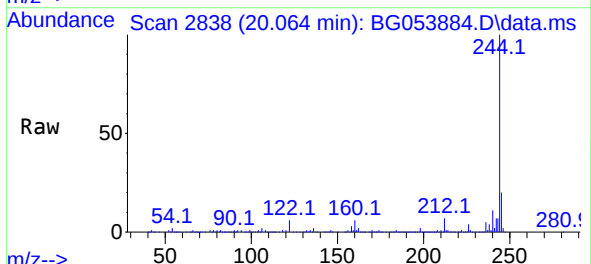
Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	24.3	20.2	30.4

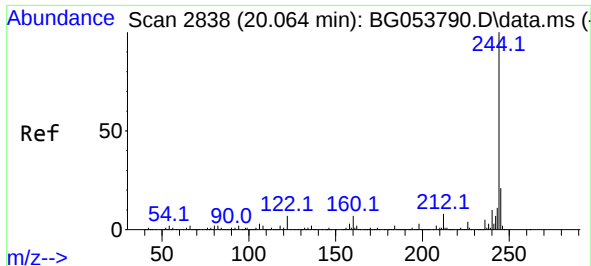


#77
Benzidine
Concen: 2.62 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053884.D
Acq: 10 Jun 2022 20:54

Tgt Ion:184 Resp: 11573

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	7.2	8.9	13.3

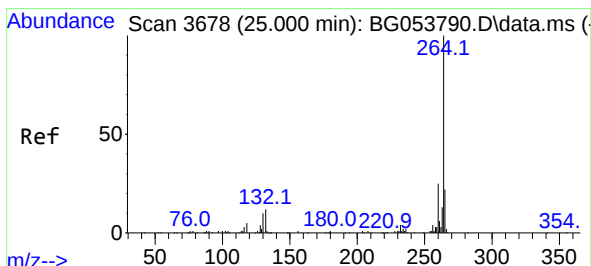
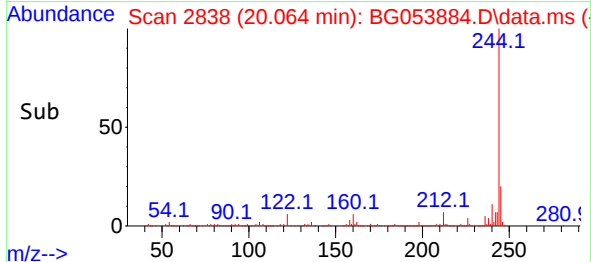
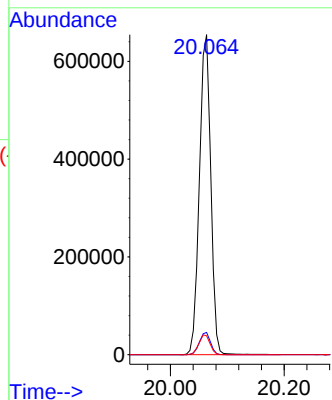
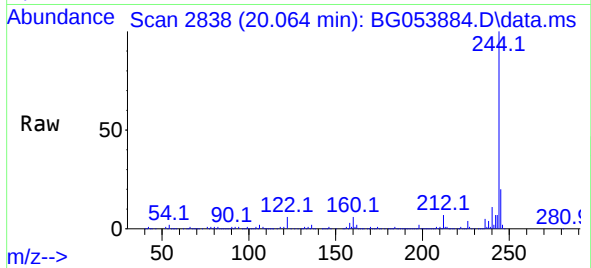




#79
 Terphenyl-d14
 Concen: 100.48 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053884.D
 Acq: 10 Jun 2022 20:54

Instrument :
 BNA_G
 ClientSampleId :
 B-214(29-30)

Tgt Ion:244 Resp: 911033
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.999 min Scan# 3678
 Delta R.T. -0.001 min
 Lab File: BG053884.D
 Acq: 10 Jun 2022 20:54

Tgt Ion:264 Resp: 181182
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.8 17.4 26.2

