

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053848.D
 Acq On : 8 Jun 2022 11:41
 Operator : CG/JU
 Sample : N3194-04RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jun 08 12:59:53 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)

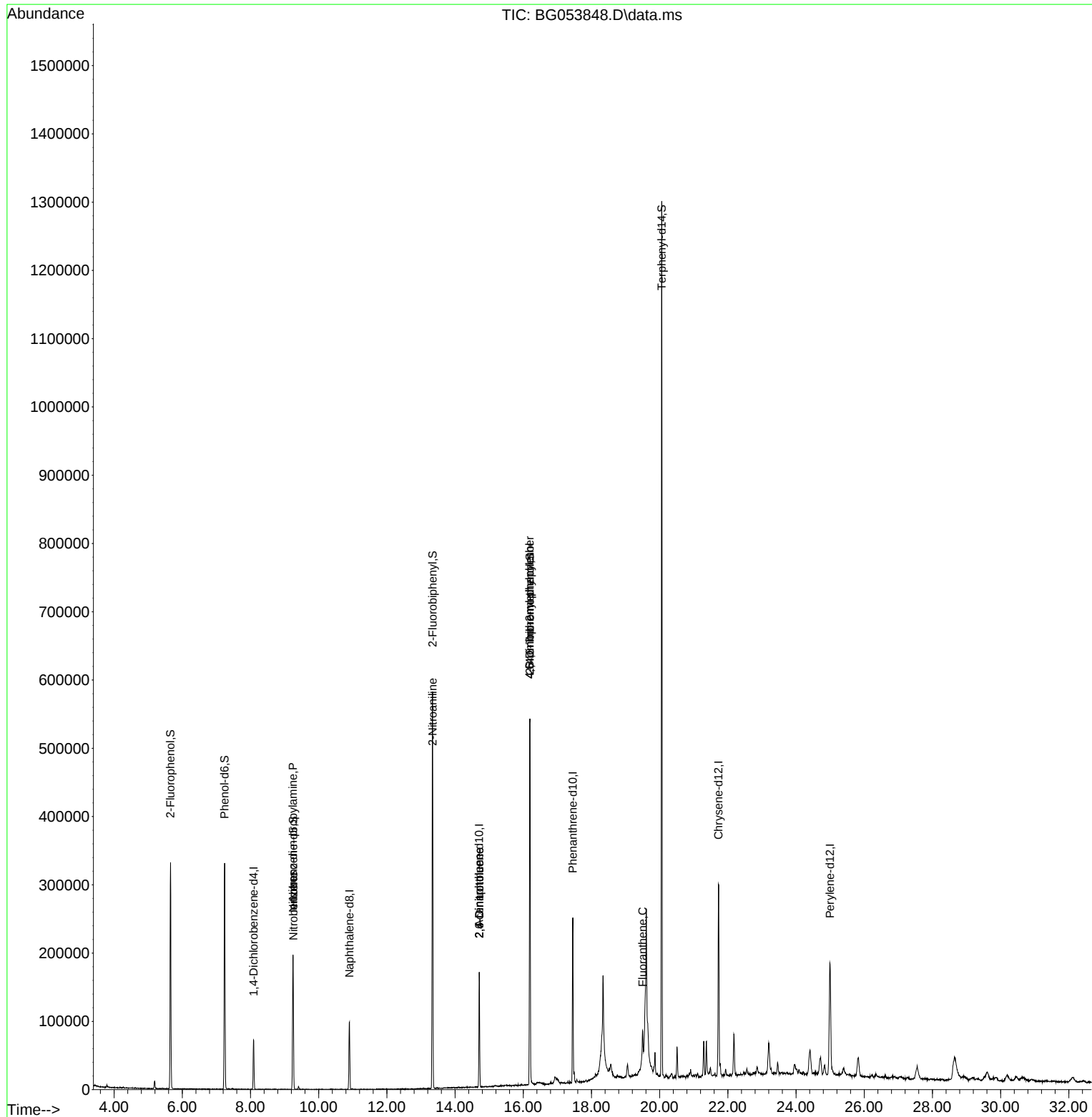
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	23293	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	92754	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	65354	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	171070	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	199059	20.000	ng	0.00
86) Perylene-d12	24.992	264	203433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	153692	121.166	ng	0.00
7) Phenol-d6	7.242	99	201265	117.135	ng	0.00
23) Nitrobenzene-d5	9.252	82	127480	90.254	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	133161	167.856	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	340998	78.057	ng	0.00
79) Terphenyl-d14	20.063	244	717193	71.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	16959	13.936	ng	# 81
24) Nitrobenzene	9.258	77	281	3.139	ng	# 48
48) 2-Nitroaniline	13.347	65	358	5.388	ng	# 1
51) 2,6-Dinitrotoluene	14.716	165	8660	13.276	ng	# 16
57) 2,4-Dinitrotoluene	14.716	165	8660	11.121	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.191	198	241	5.928	ng	# 1
67) 4-Bromophenyl-phenylether	16.191	248	8269	4.449	ng	# 1
75) Fluoranthene	19.504	202	24348	2.085	ng	97

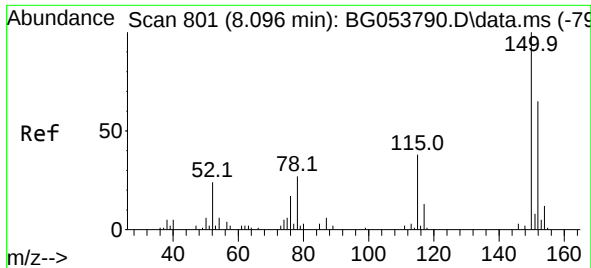
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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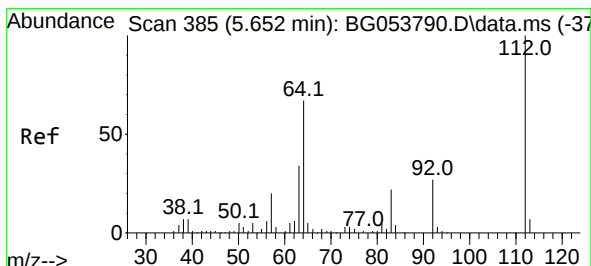
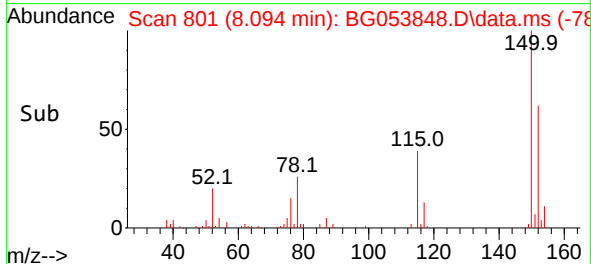
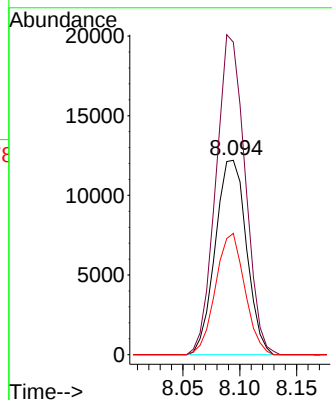
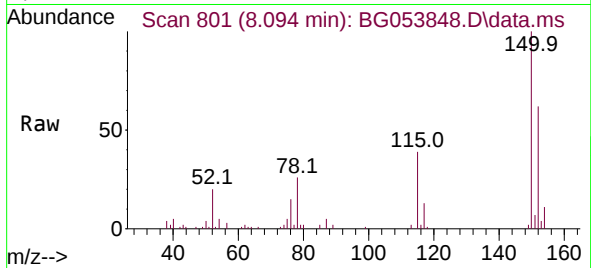




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

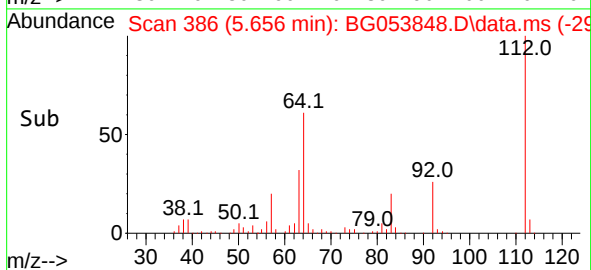
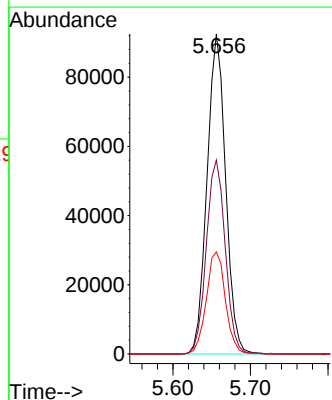
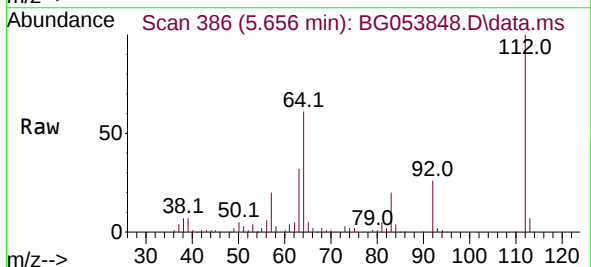
Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 23293
Ion Ratio Lower Upper
152 100
150 160.8 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 121.166 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:112 Resp: 153692
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 31.9 30.4 45.6

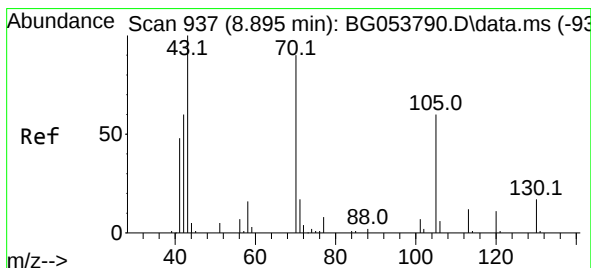
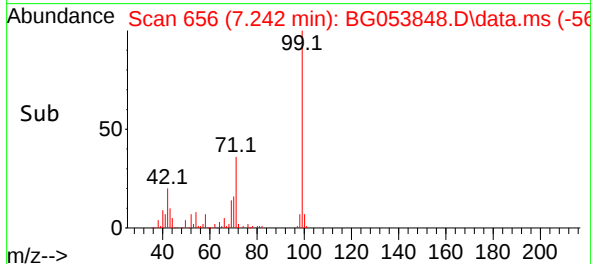
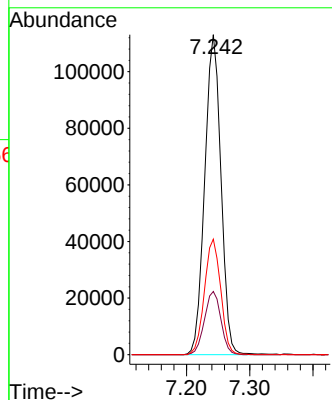
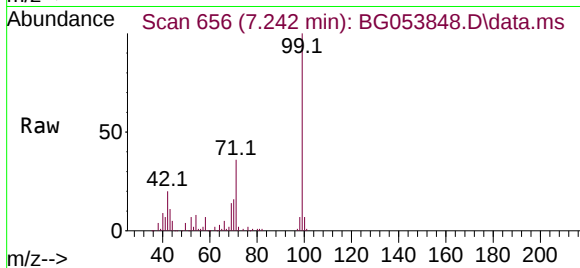




#7
Phenol-d6
Concen: 117.135 ng
RT: 7.242 min Scan# 611
Delta R.T. 0.004 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

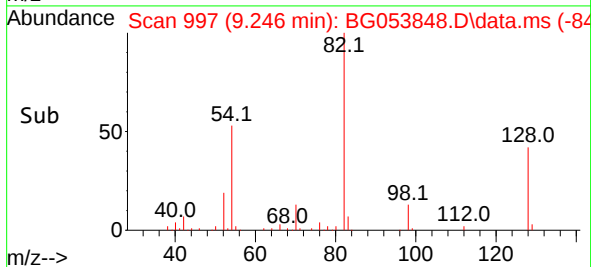
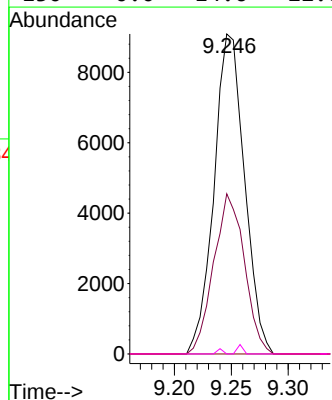
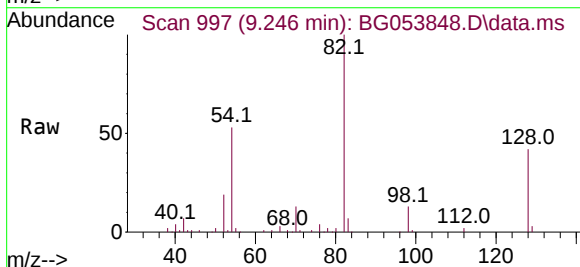
Instrument :
BNA_G
ClientSampleId :
TP-3

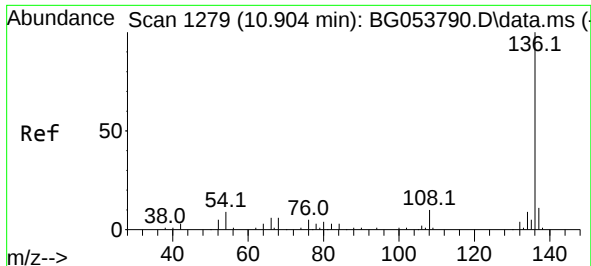
Tgt Ion: 99 Resp: 201265
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 36.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.936 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion: 70 Resp: 16959
Ion Ratio Lower Upper
70 100
42 50.1 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

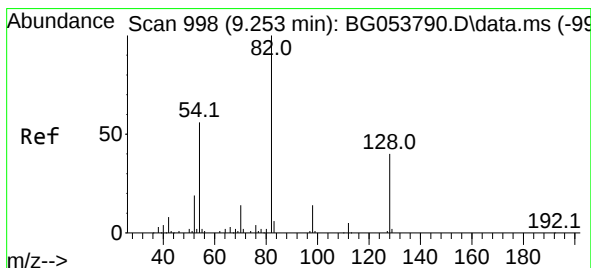
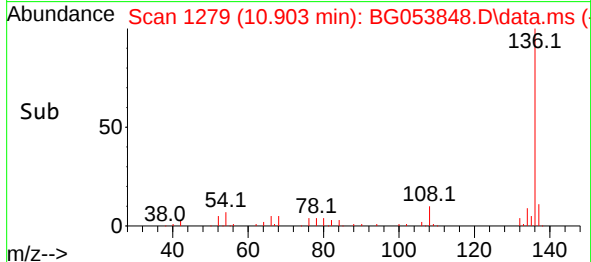
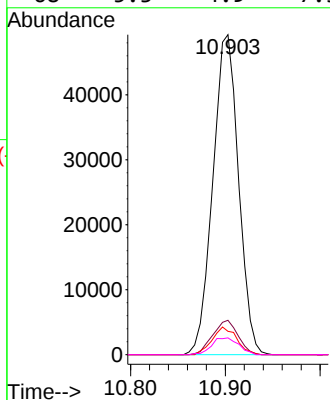
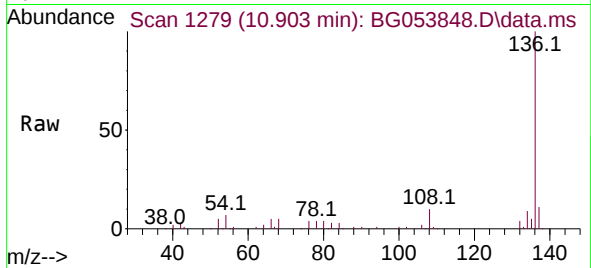




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

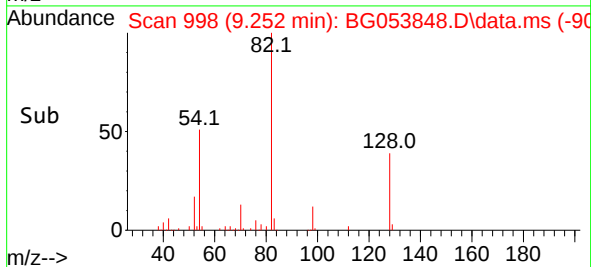
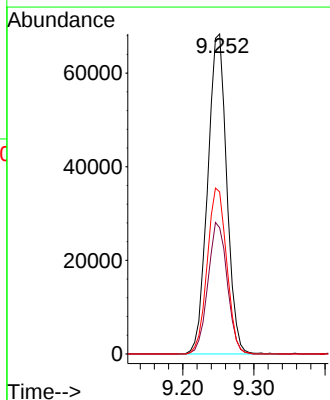
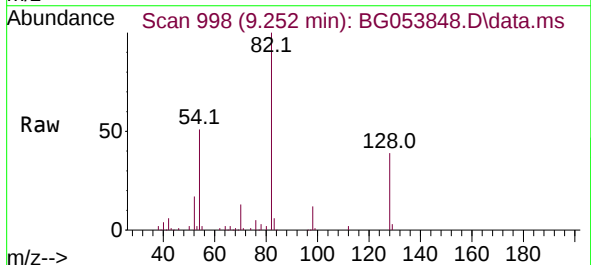
Instrument :
BNA_G
ClientSampleId :
TP-3

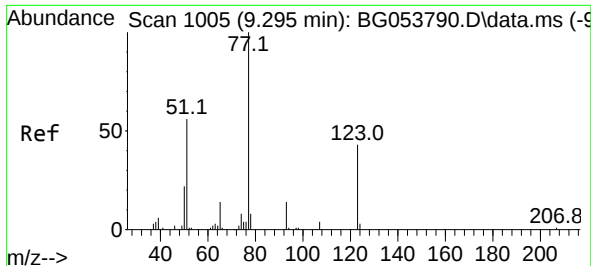
Tgt Ion:	136	Resp:	92754
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.3	7.4	11.2#
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 90.254 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:	82	Resp:	127480
Ion Ratio	Lower	Upper	
82	100		
128	39.5	27.9	41.9
54	50.6	41.2	61.8

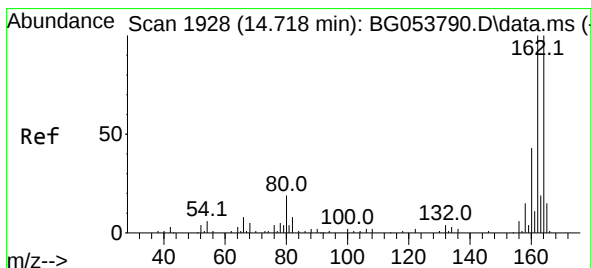
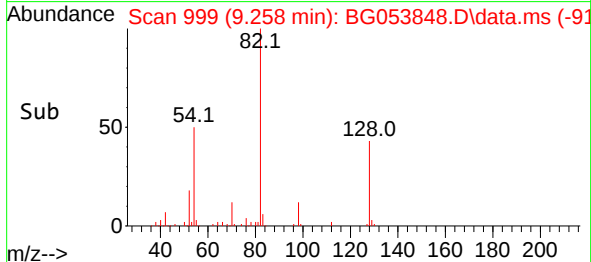
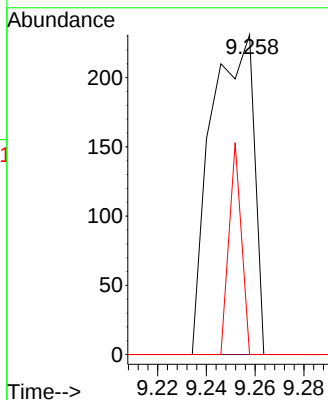
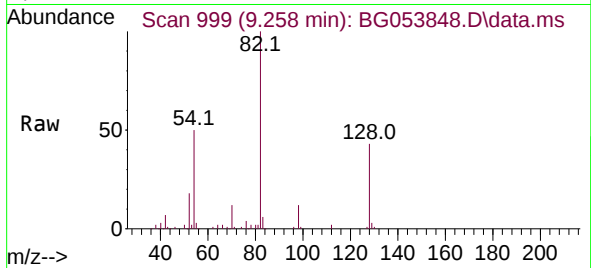




#24
Nitrobenzene
Concen: 3.139 ng
RT: 9.258 min Scan# 91
Delta R.T. -0.037 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

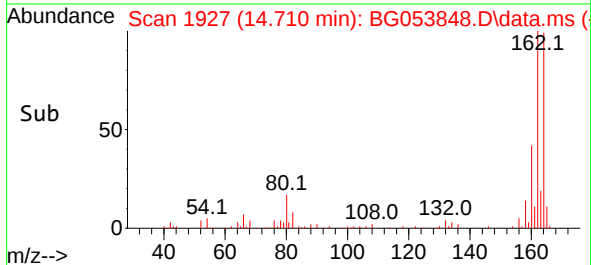
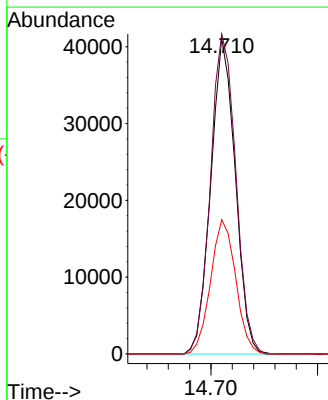
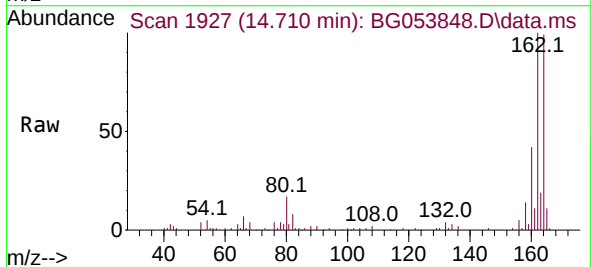
Instrument :
BNA_G
ClientSampleId :
TP-3

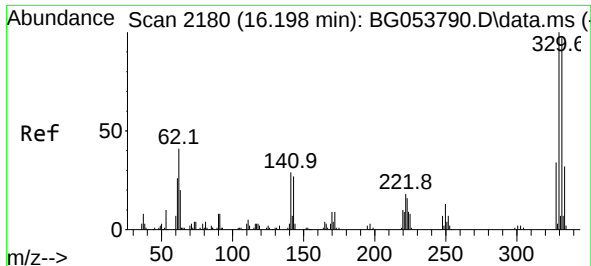
Tgt Ion: 77 Resp: 281
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:164 Resp: 65354
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 42.5 34.2 51.2

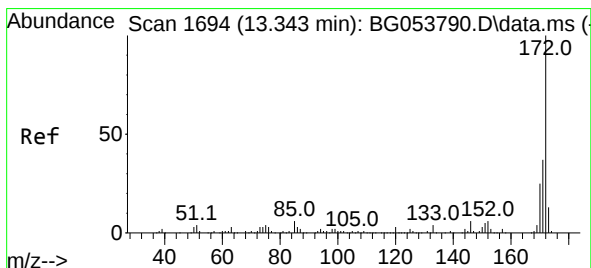
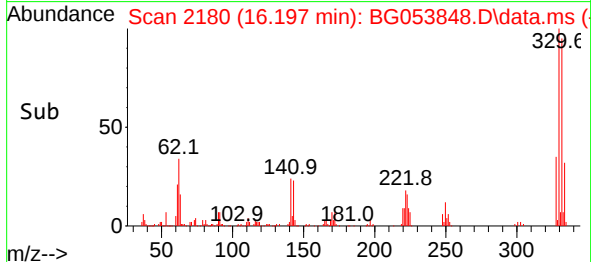
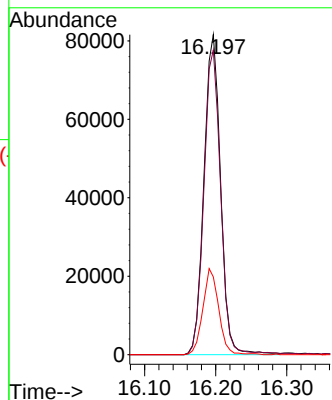
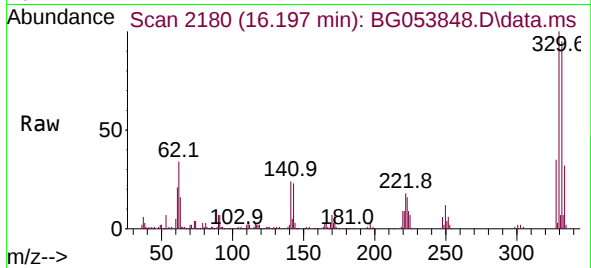




#42
2,4,6-Tribromophenol
Concen: 167.856 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

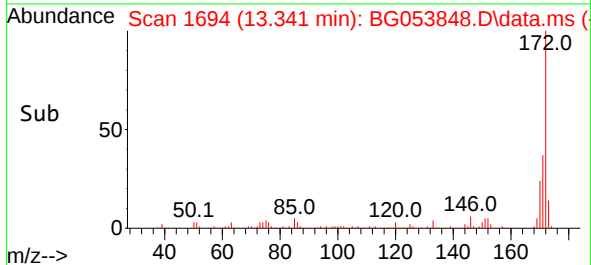
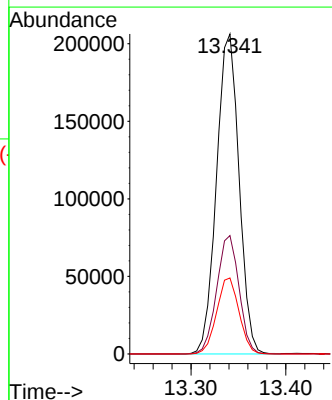
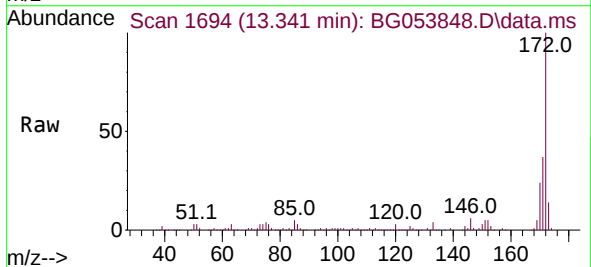
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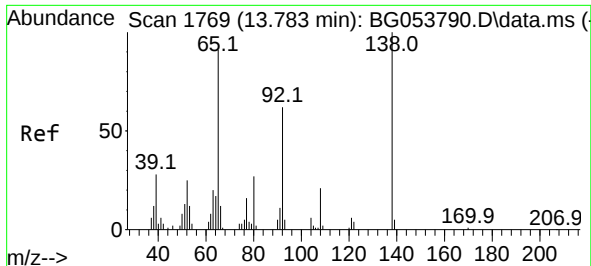
Tgt Ion:330 Resp: 133161
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 25.6 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 78.057 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:172 Resp: 340998
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.7 18.9 28.3

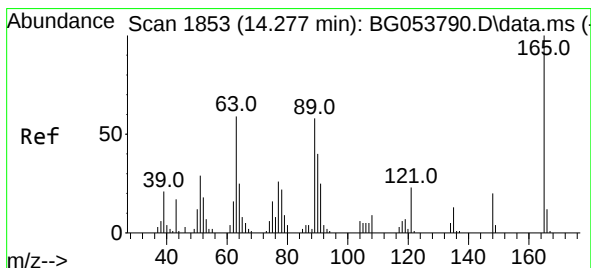
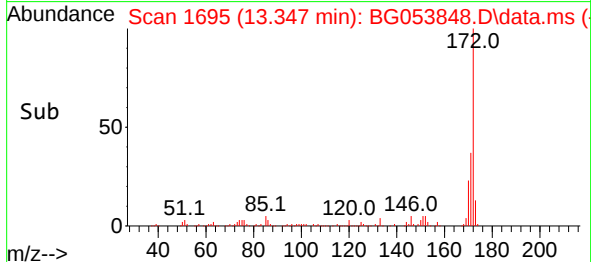
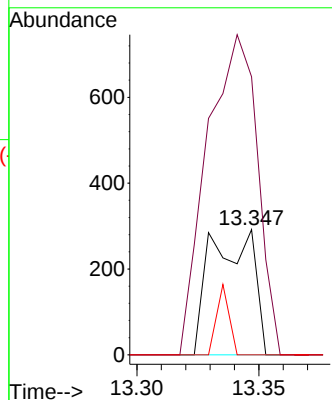
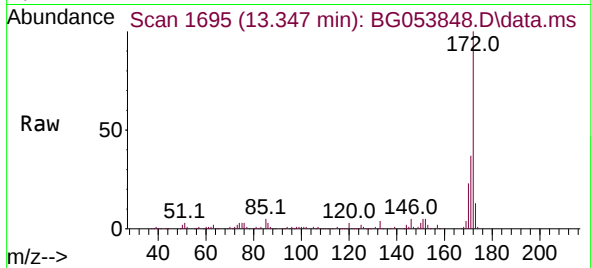




#48
2-Nitroaniline
Concen: 5.388 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.436 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

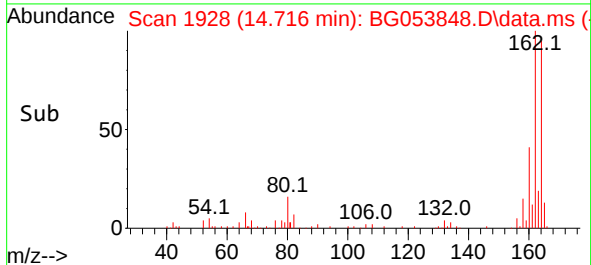
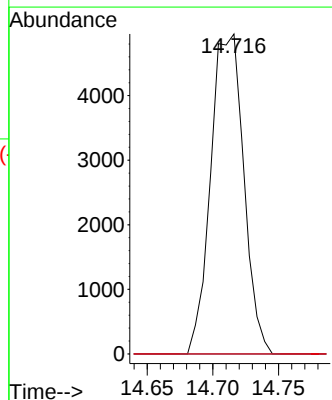
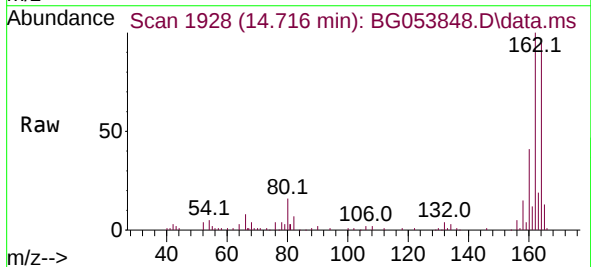
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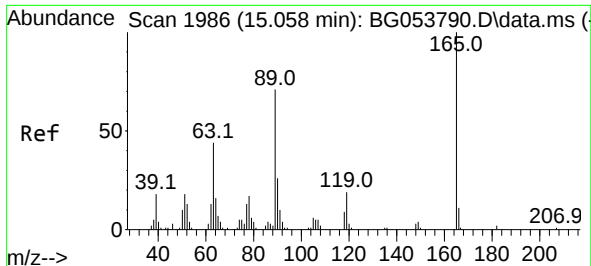
Tgt Ion: 65 Resp: 358
Ion Ratio Lower Upper
65 100
92 221.9 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.276 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.439 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:165 Resp: 8660
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: 11.121 ng

RT: 14.716 min Scan# 1986

Delta R.T. -0.342 min

Lab File: BG053848.D

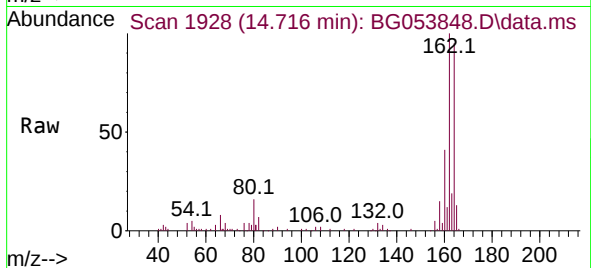
Acq: 8 Jun 2022 11:41

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 8660

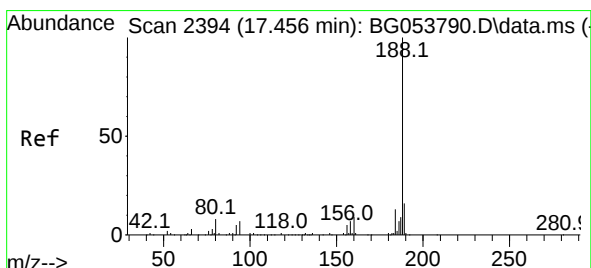
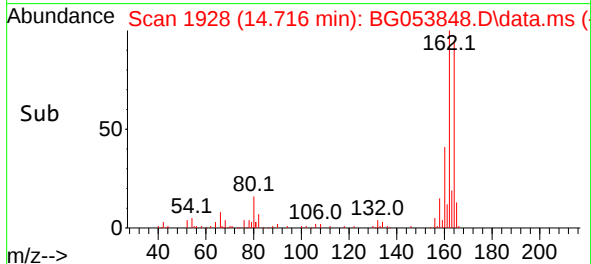
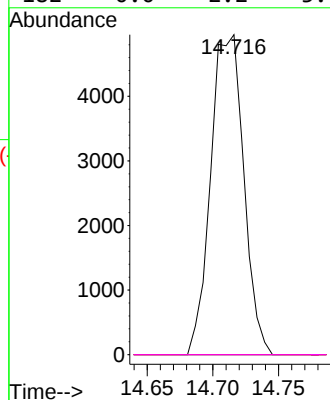
Ion Ratio Lower Upper

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: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053848.D

Acq: 8 Jun 2022 11:41

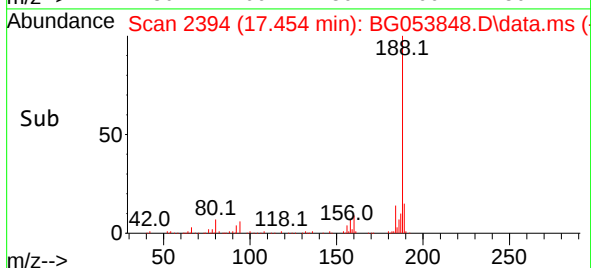
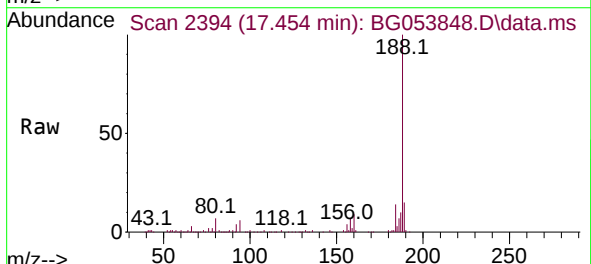
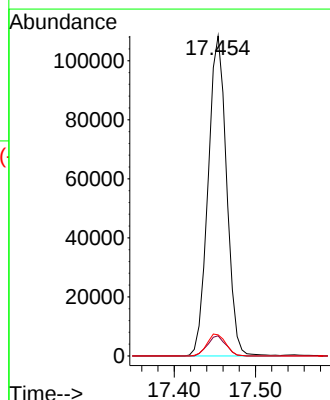
Tgt Ion:188 Resp: 171070

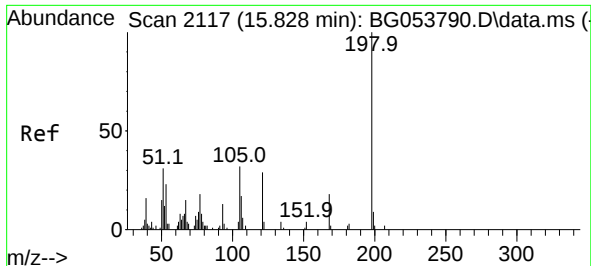
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 6.6 6.8 10.2#

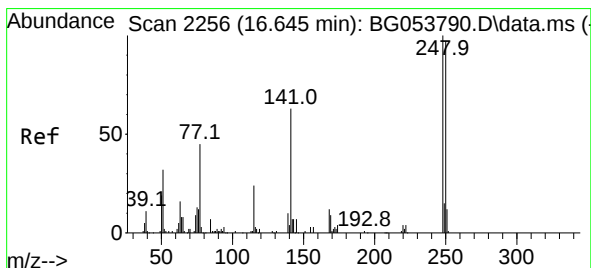
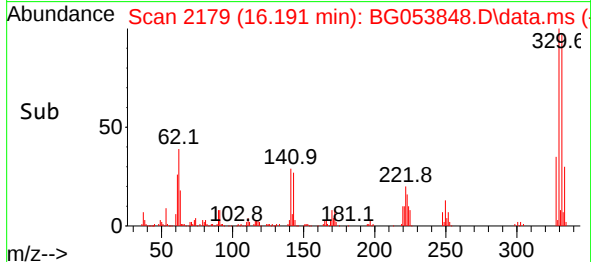
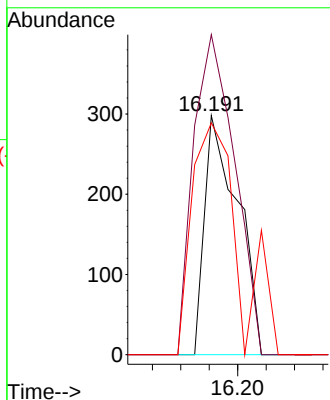
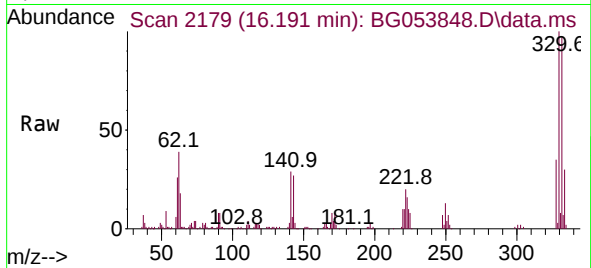




#65
4,6-Dinitro-2-methylphenol
Concen: 5.928 ng
RT: 16.191 min Scan# 2117
Delta R.T. 0.363 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

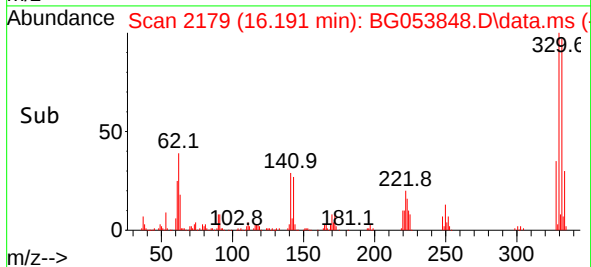
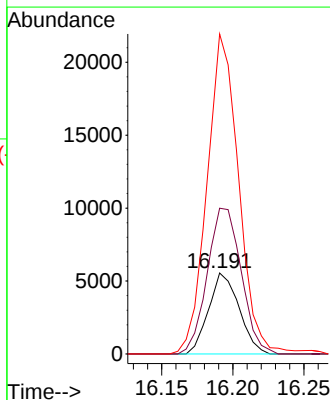
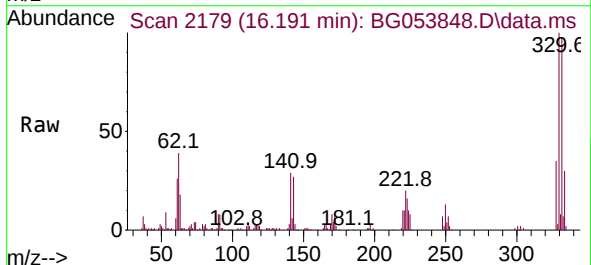
Instrument :
BNA_G
ClientSampleId :
TP-3

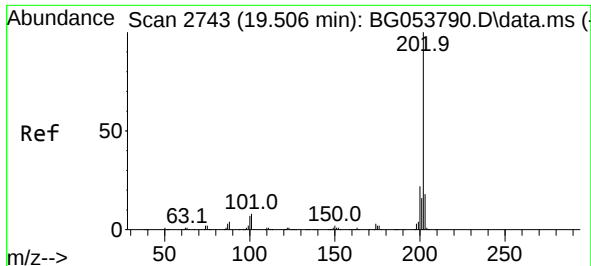
Tgt Ion:198 Resp: 241
Ion Ratio Lower Upper
198 100
51 133.9 28.1 68.1#
105 97.0 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.454 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:248 Resp: 8269
Ion Ratio Lower Upper
248 100
250 235.2 75.2 112.8#
141 395.2 50.0 75.0#

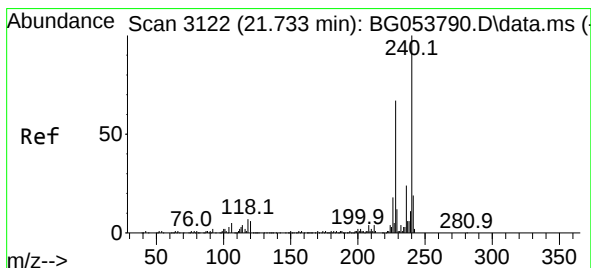
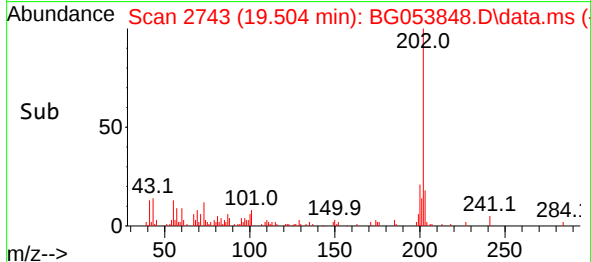
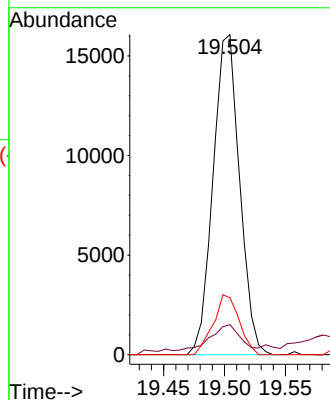
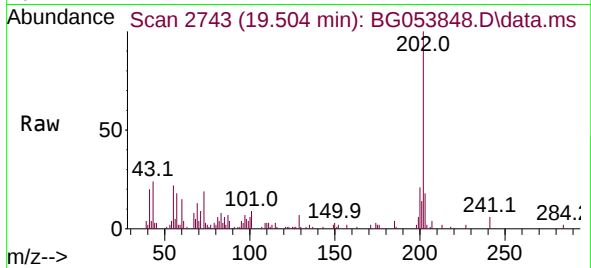




#75
Fluoranthene
Concen: 2.085 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

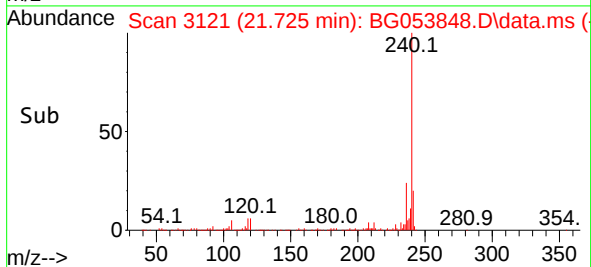
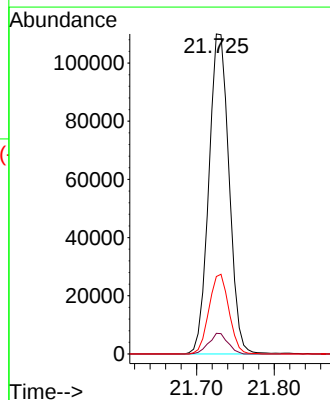
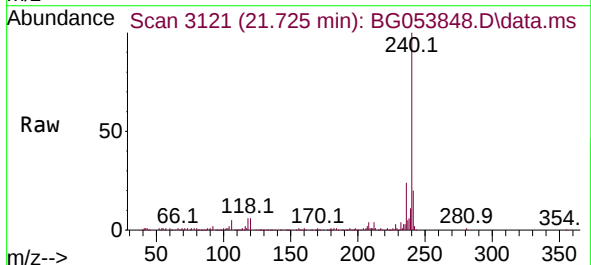
Instrument :
BNA_G
ClientSampleId :
TP-3

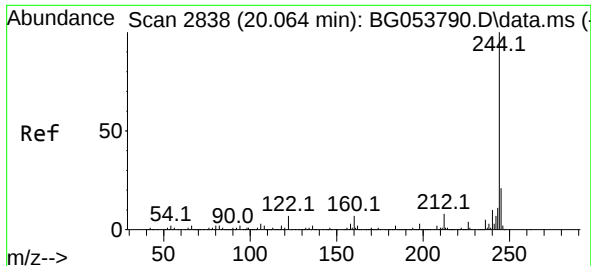
Tgt Ion:202 Resp: 24348
Ion Ratio Lower Upper
202 100
101 9.4 0.0 26.9
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BG053848.D
Acq: 8 Jun 2022 11:41

Tgt Ion:240 Resp: 199059
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.2 20.2 30.4

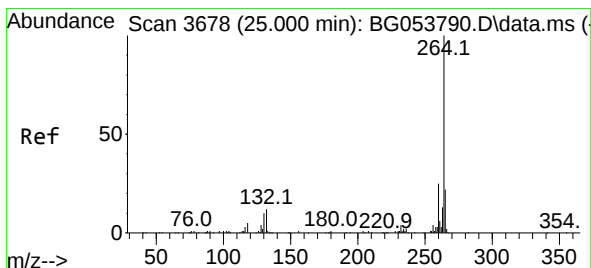
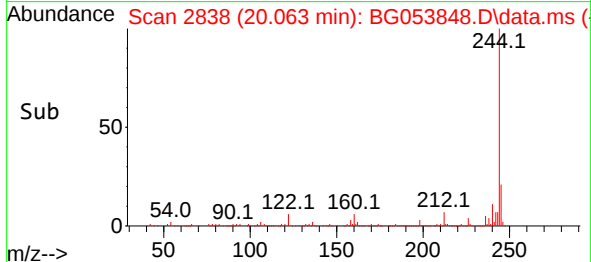
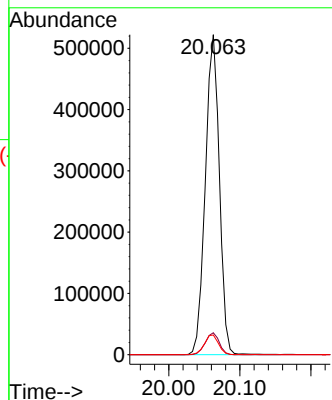
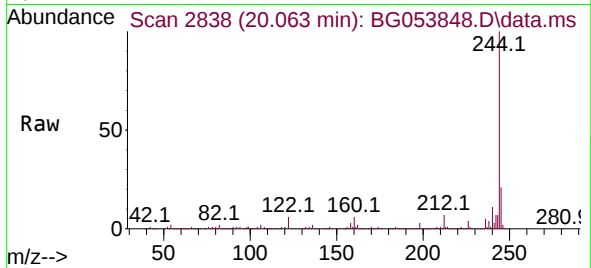




#79
 Terphenyl-d14
 Concen: 71.677 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053848.D
 Acq: 8 Jun 2022 11:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 717193
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 3677
 Delta R.T. -0.008 min
 Lab File: BG053848.D
 Acq: 8 Jun 2022 11:41

Tgt Ion:264 Resp: 203433
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.6 17.4 26.2

