

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053869.D
 Acq On : 9 Jun 2022 20:34
 Operator : CG/JU
 Sample : N3270-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11D

Quant Time: Jun 10 01:01:27 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)

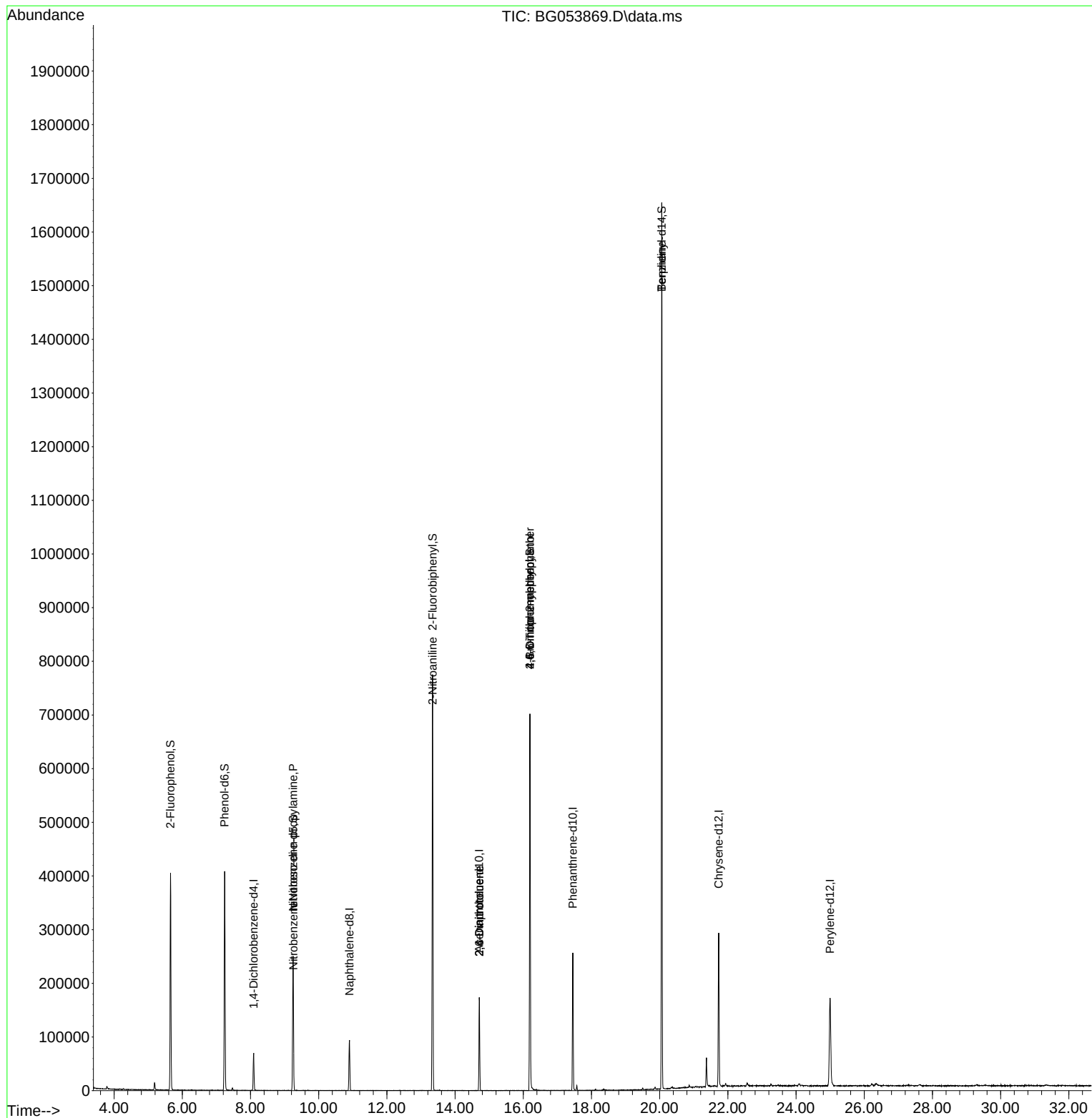
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	22074	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	87277	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	69195	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	183717	20.000	ng	0.00
76) Chrysene-d12	21.730	240	203722	20.000	ng	0.00
86) Perylene-d12	24.997	264	202377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	189282	157.465	ng	0.00
7) Phenol-d6	7.241	99	251946	154.728	ng	0.00
23) Nitrobenzene-d5	9.251	82	160570	120.815	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	173709	206.814	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	442154	95.594	ng	0.00
79) Terphenyl-d14	20.061	244	933266	91.136	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	21935	19.020	ng	# 78
24) Nitrobenzene	9.262	77	555	3.324	ng	# 48
48) 2-Nitroaniline	13.346	65	529	5.526	ng	# 12
51) 2,6-Dinitrotoluene	14.715	165	9231	13.338	ng	# 16
57) 2,4-Dinitrotoluene	14.715	165	9231	11.166	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.195	198	342	6.032	ng	72
67) 4-Bromophenyl-phenylether	16.195	248	10845	5.433	ng	# 1
77) Benzidine	20.061	184	12079	2.425	ng	# 93

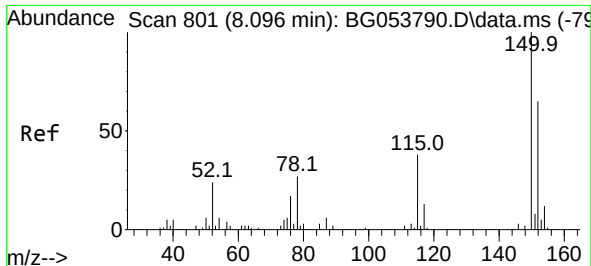
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
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QLast Update : Thu Jun 02 23:22:27 2022
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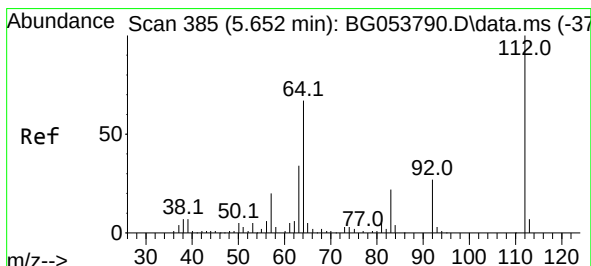
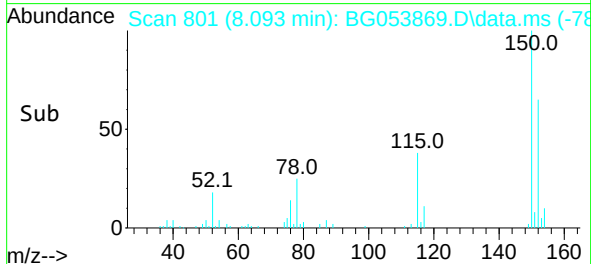
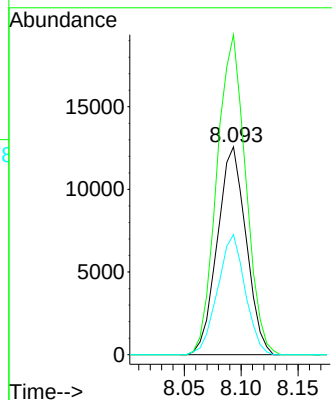
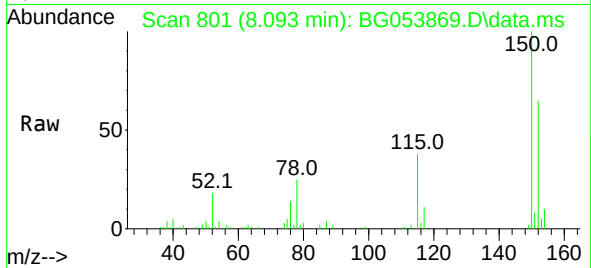




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

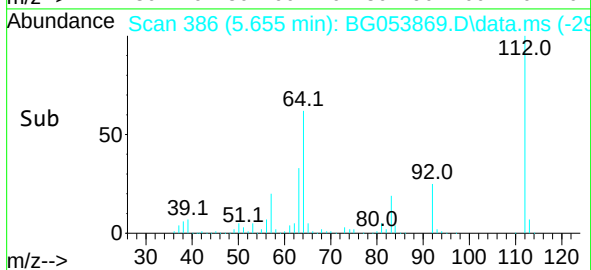
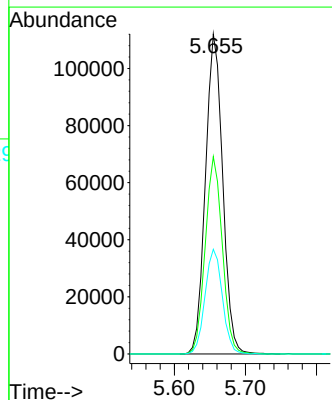
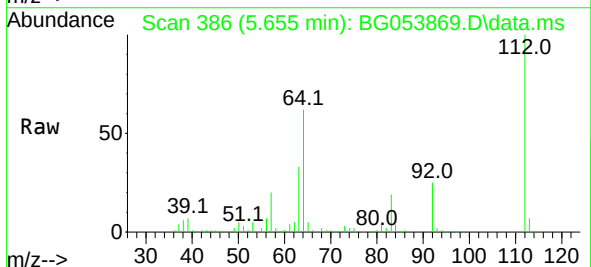
Instrument :
BNA_G
ClientSampleId :
TP-11D

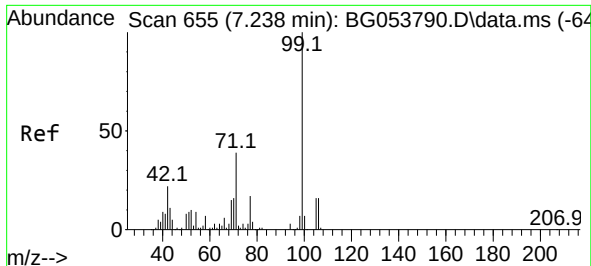
Tgt Ion:152 Resp: 22074
Ion Ratio Lower Upper
152 100
150 153.9 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 157.465 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:112 Resp: 189282
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 32.7 30.4 45.6

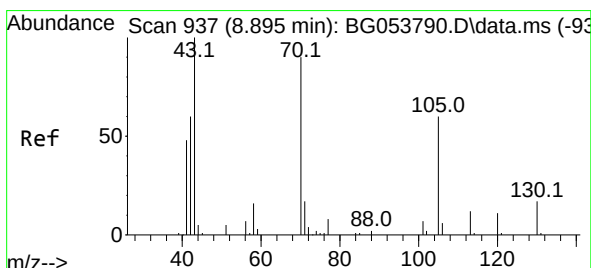
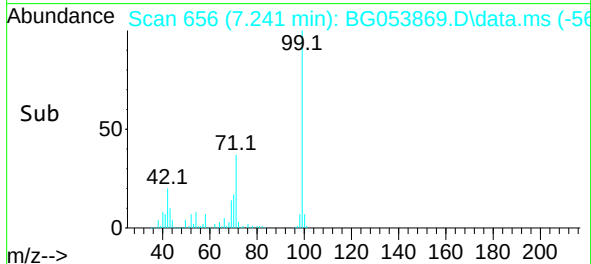
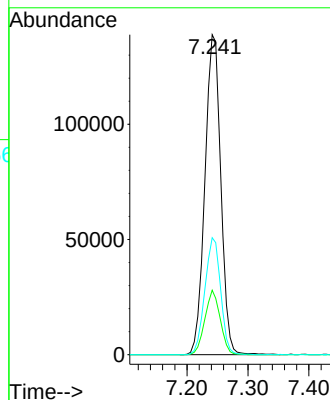
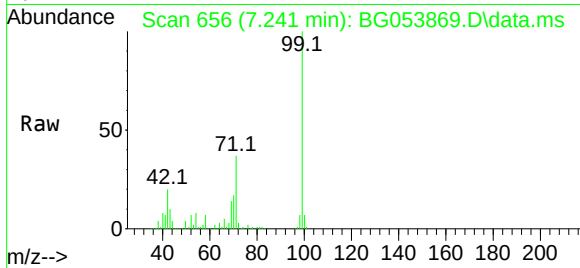




#7
Phenol-d6
Concen: 154.728 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

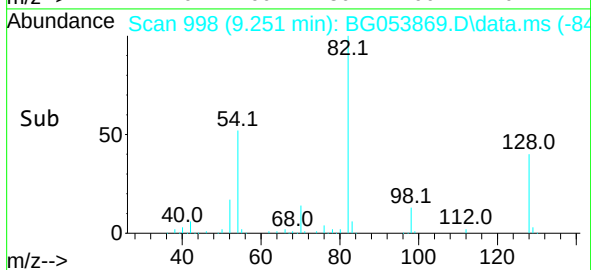
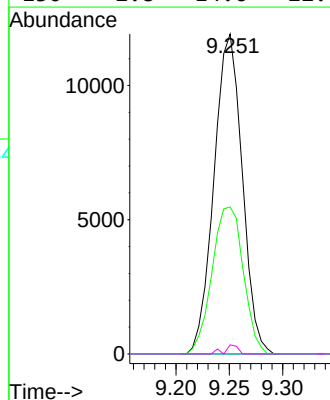
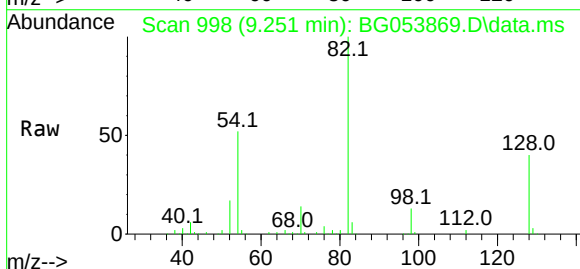
Instrument :
BNA_G
ClientSampleId :
TP-11D

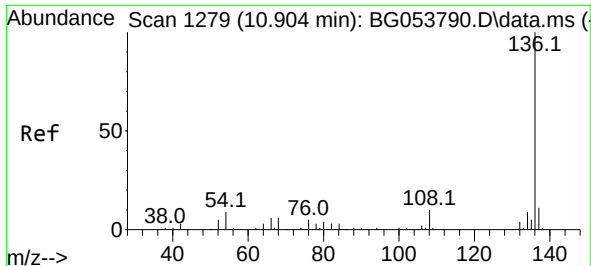
Tgt Ion: 99 Resp: 251946
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.020 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion: 70 Resp: 21935
Ion Ratio Lower Upper
70 100
42 45.9 47.3 70.9#
101 0.0 7.0 10.4#
130 2.8 14.6 22.0#

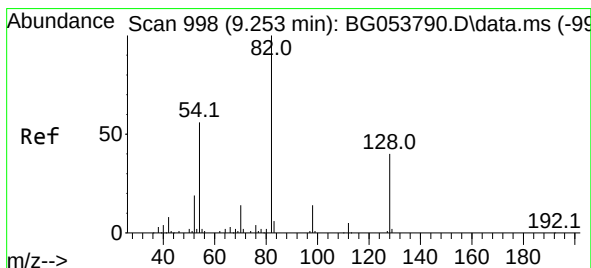
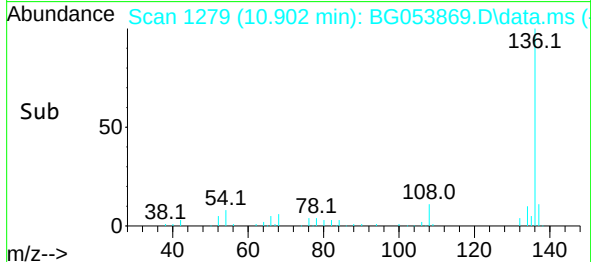
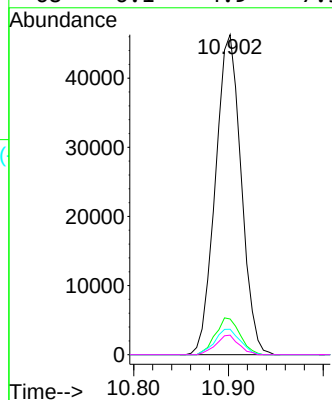
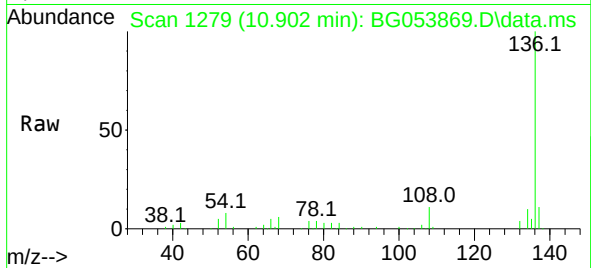




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

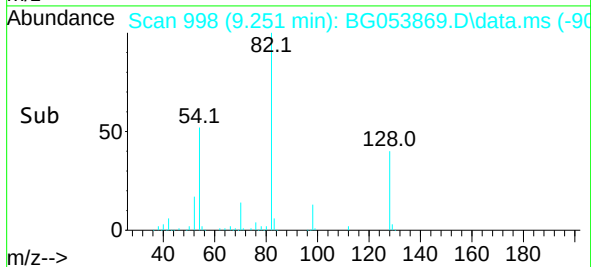
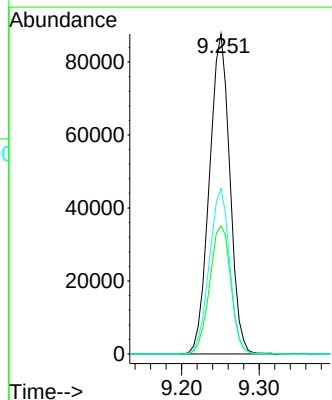
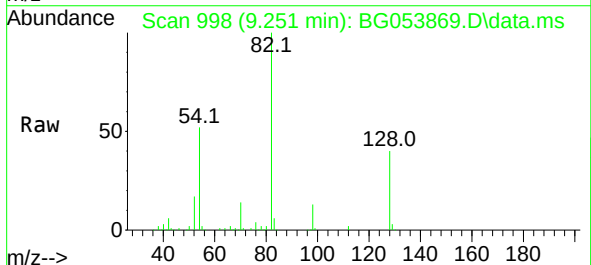
Instrument :
BNA_G
ClientSampleId :
TP-11D

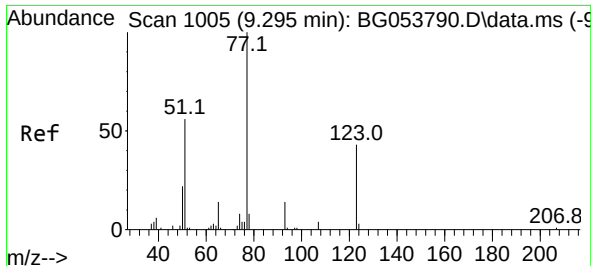
Tgt Ion:	136	Resp:	87277
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.9	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 120.815 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:	82	Resp:	160570
Ion Ratio	Lower	Upper	
82	100		
128	40.0	27.9	41.9
54	51.8	41.2	61.8

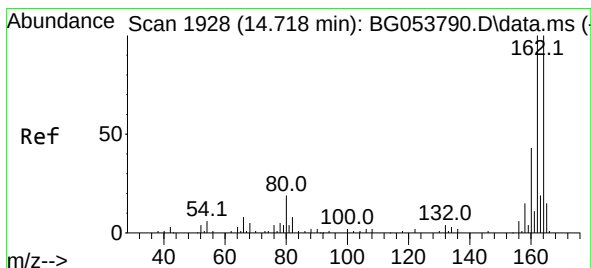
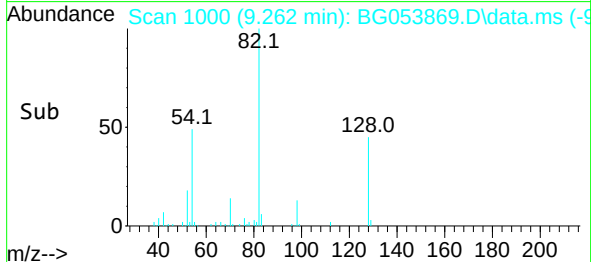
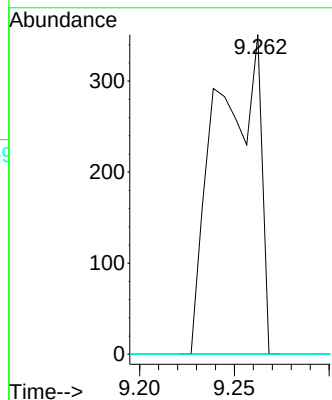
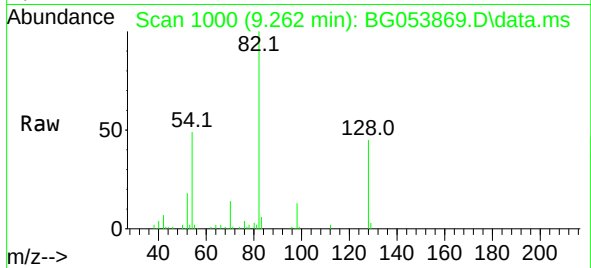




#24
Nitrobenzene
Concen: 3.324 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.033 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

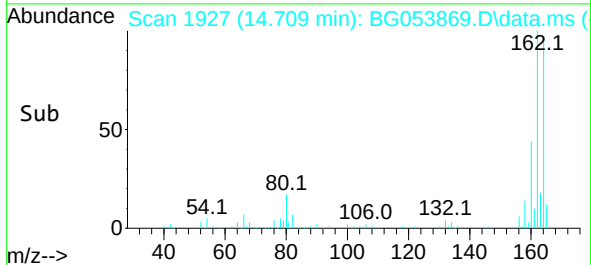
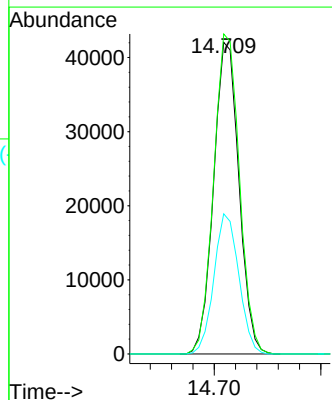
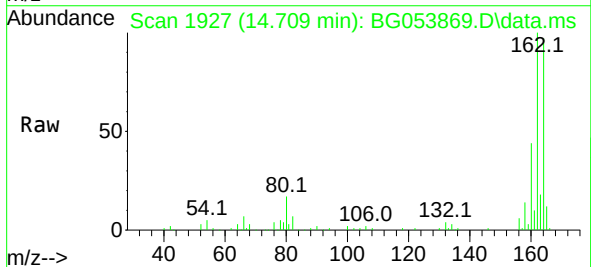
Instrument :
BNA_G
ClientSampleId :
TP-11D

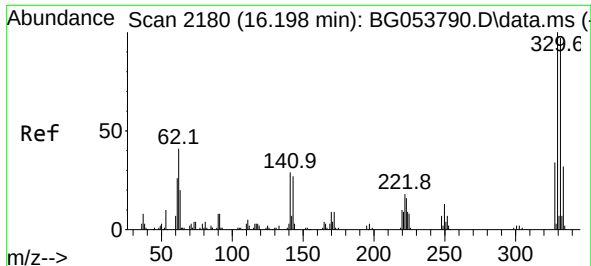
Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

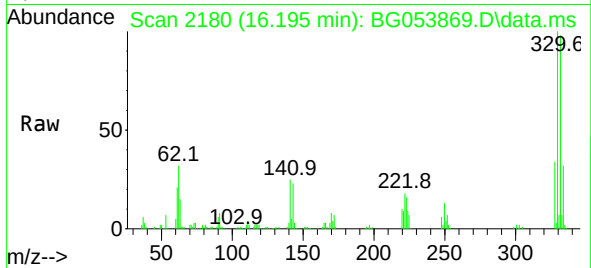
Tgt Ion:164 Resp: 69195
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.0 34.2 51.2



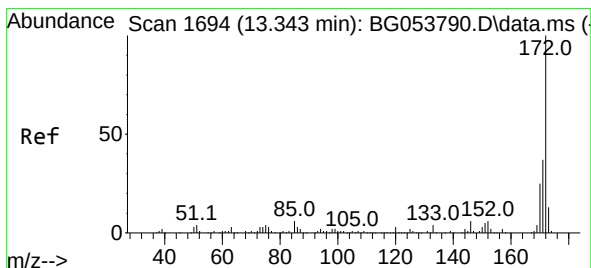
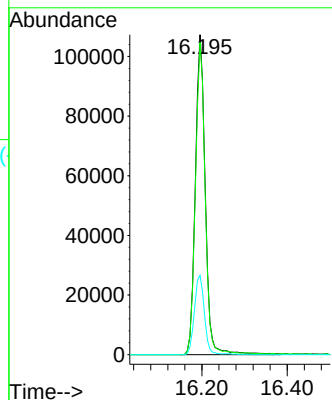


#42
2,4,6-Tribromophenol
Concen: 206.814 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Instrument :
BNA_G
ClientSampleId :
TP-11D

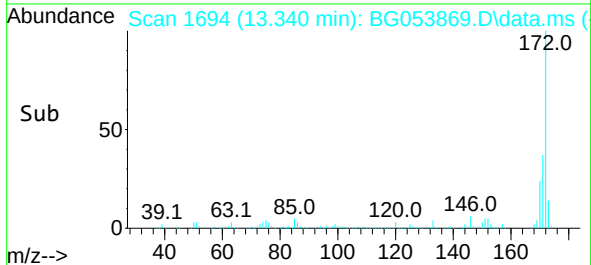
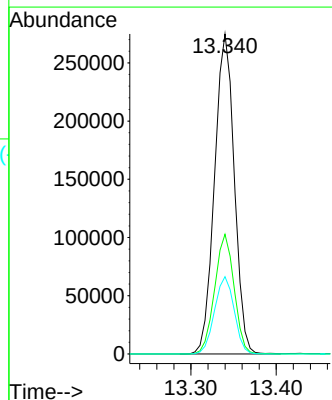
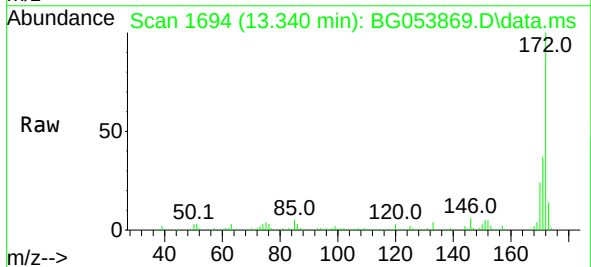


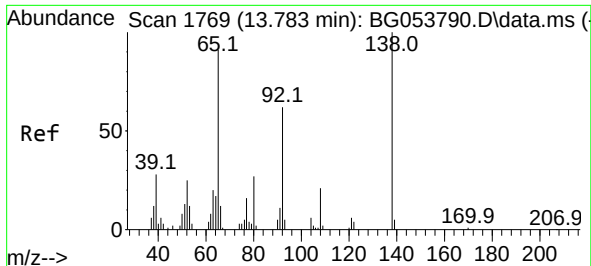
Tgt Ion:330 Resp: 173709
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 24.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 95.594 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:172 Resp: 442154
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.1 18.9 28.3

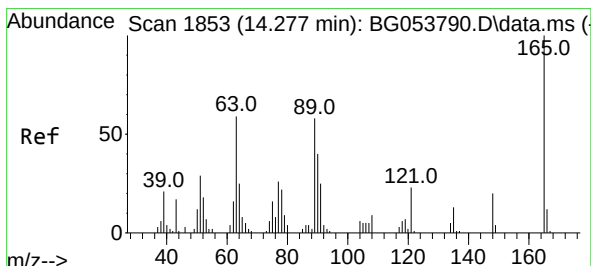
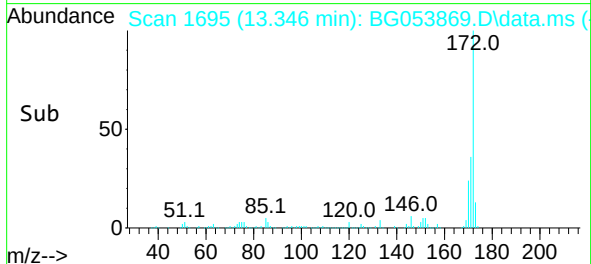
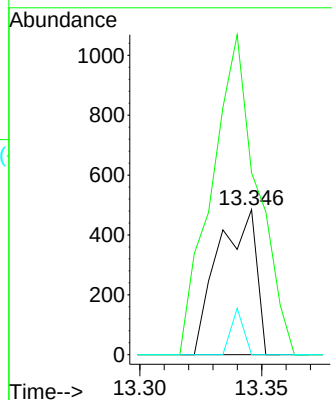
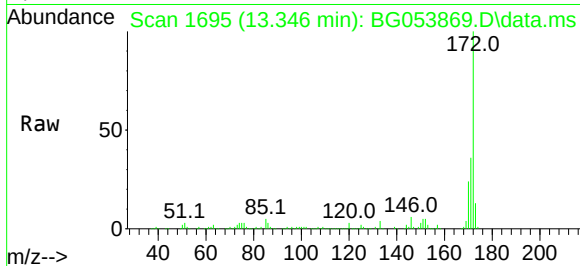




#48
2-Nitroaniline
Concen: 5.526 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.437 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

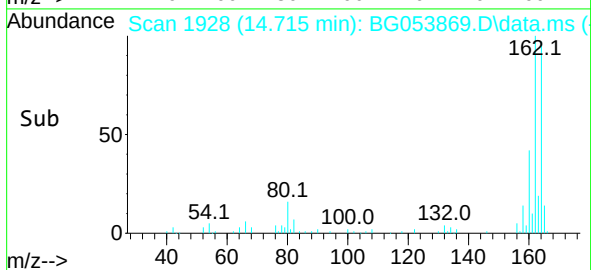
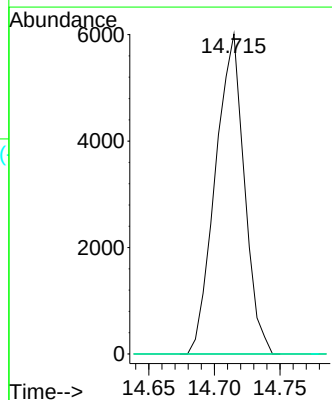
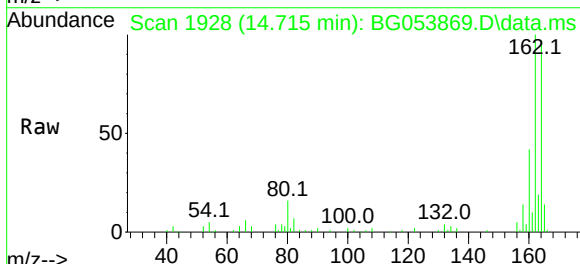
Instrument :
BNA_G
ClientSampleId :
TP-11D

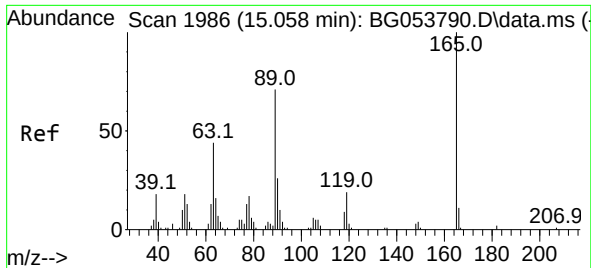
Tgt Ion: 65 Resp: 529
Ion Ratio Lower Upper
65 100
92 125.4 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.338 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.438 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:165 Resp: 9231
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: 11.166 ng

RT: 14.715 min Scan# 1986

Delta R.T. -0.343 min

Lab File: BG053869.D

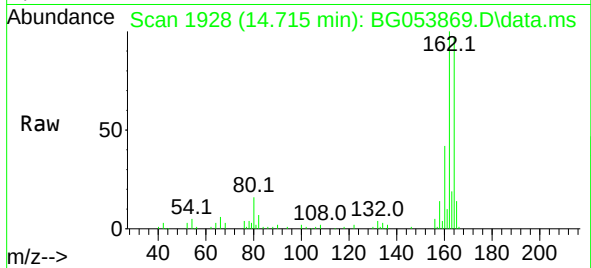
Acq: 9 Jun 2022 20:34

Instrument :

BNA_G

ClientSampleId :

TP-11D



Tgt Ion:165 Resp: 9231

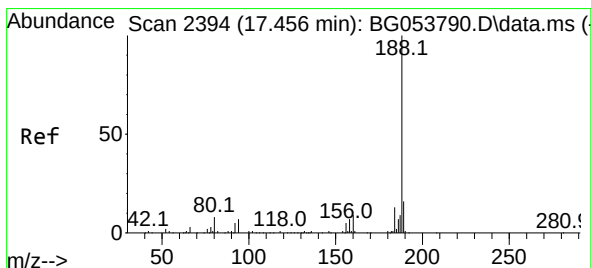
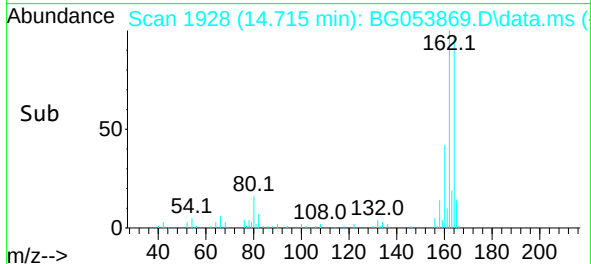
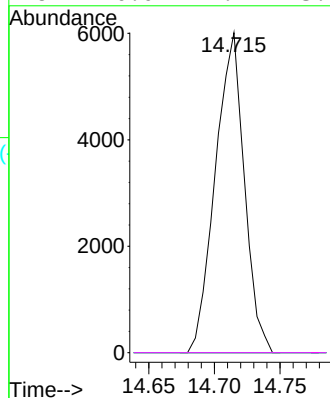
Ion Ratio Lower Upper

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: 17.453 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

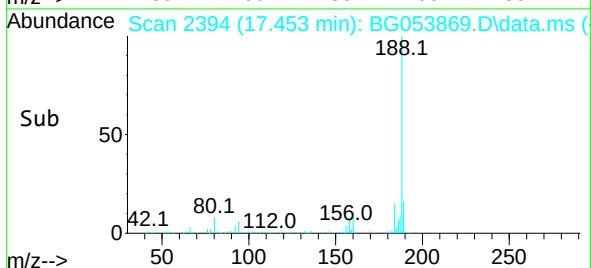
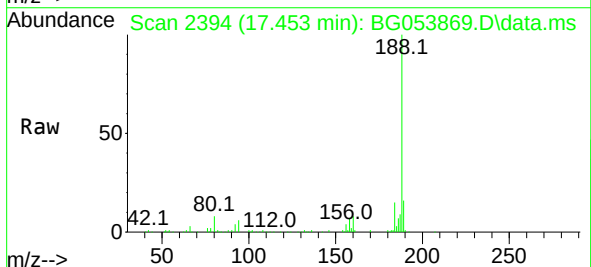
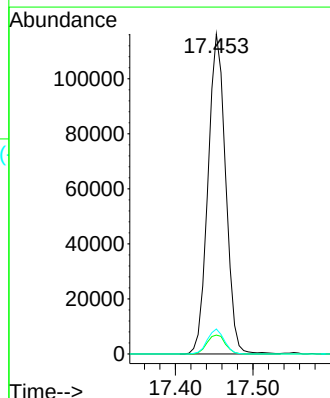
Tgt Ion:188 Resp: 183717

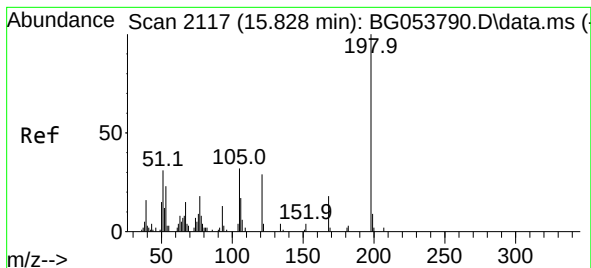
Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.0

80 7.8 6.8 10.2

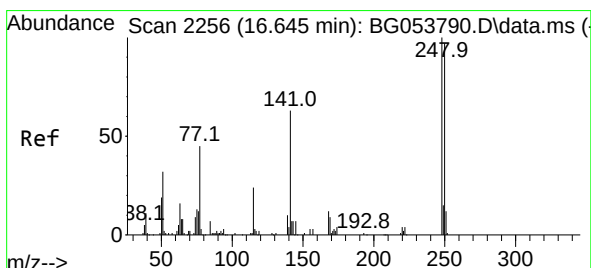
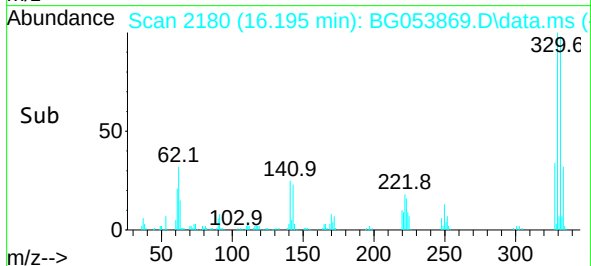
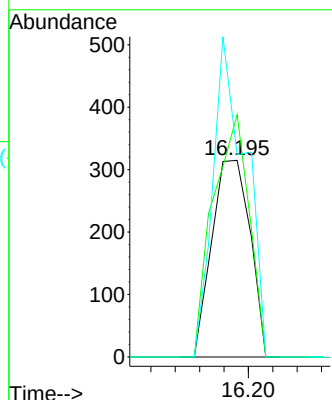
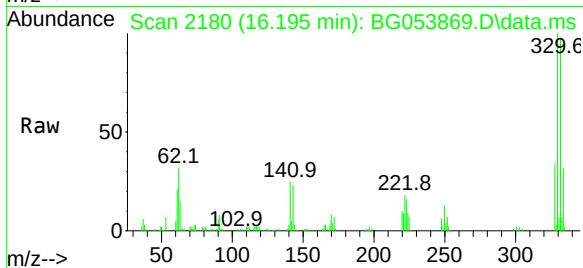




#65
4,6-Dinitro-2-methylphenol
Concen: 6.032 ng
RT: 16.195 min Scan# 2117
Delta R.T. 0.367 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

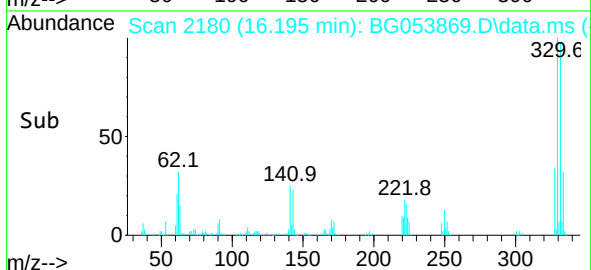
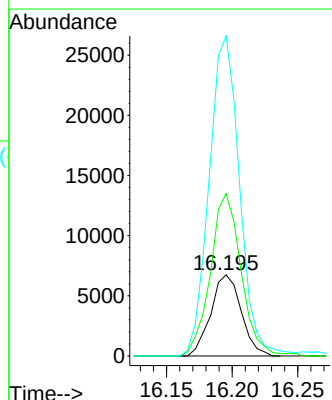
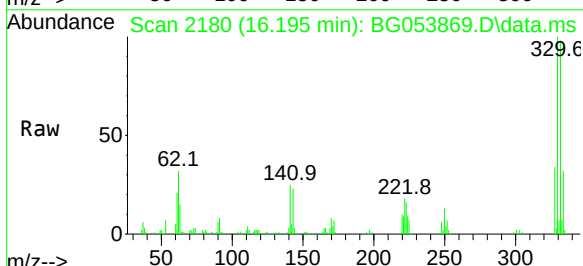
Instrument :
BNA_G
ClientSampleId :
TP-11D

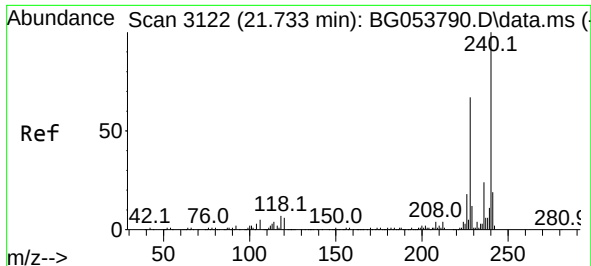
Tgt Ion:198 Resp: 342
Ion Ratio Lower Upper
198 100
51 28.3 28.1 68.1
105 23.6 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 5.433 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:248 Resp: 10845
Ion Ratio Lower Upper
248 100
250 145.9 75.2 112.8#
141 287.4 50.0 75.0#

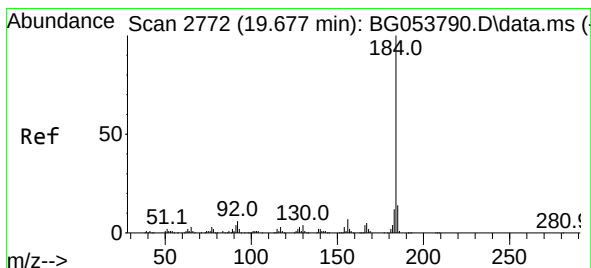
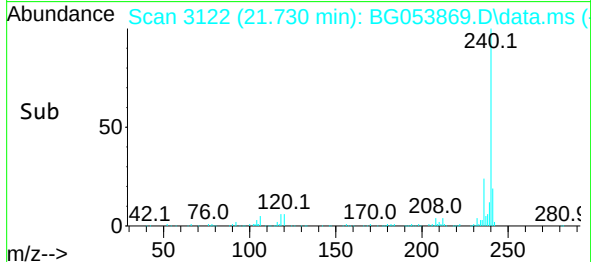
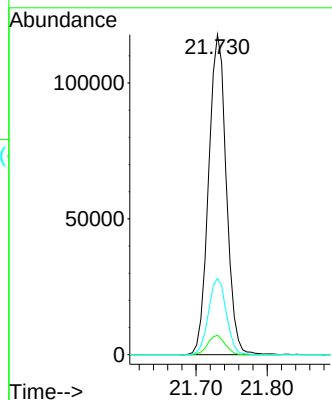
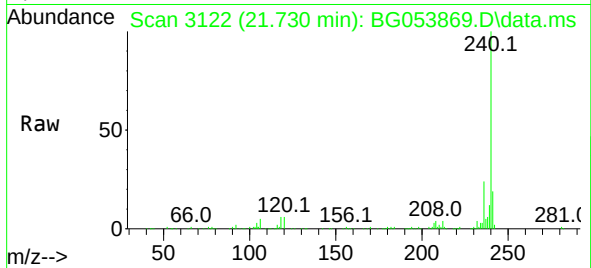




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

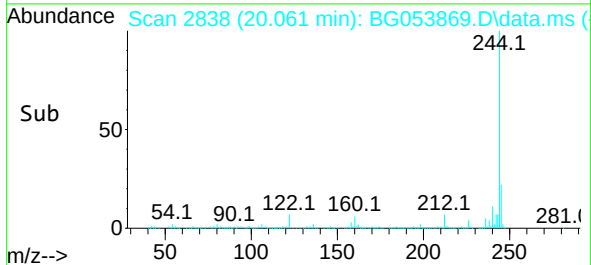
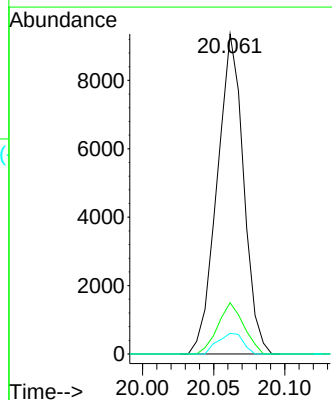
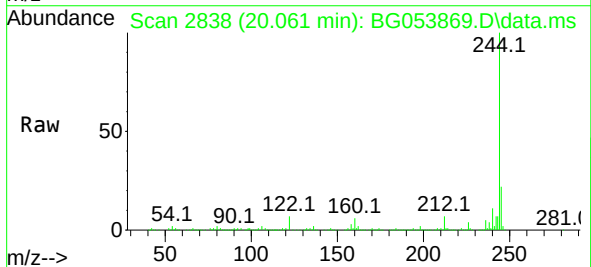
Instrument :
BNA_G
ClientSampleId :
TP-11D

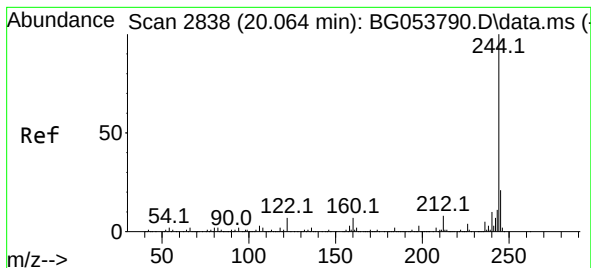
Tgt Ion:240 Resp: 203722
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 23.9 20.2 30.4



#77
Benzidine
Concen: 2.425 ng
RT: 20.061 min Scan# 2838
Delta R.T. 0.385 min
Lab File: BG053869.D
Acq: 9 Jun 2022 20:34

Tgt Ion:184 Resp: 12079
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 6.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 91.136 ng

RT: 20.061 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

Instrument :

BNA_G

ClientSampleId :

TP-11D

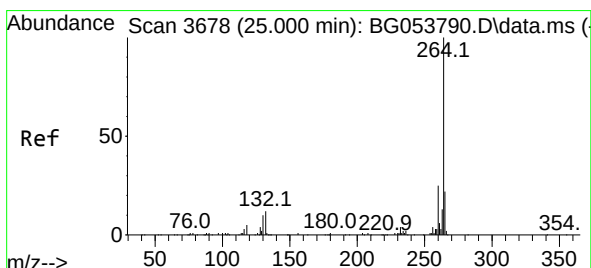
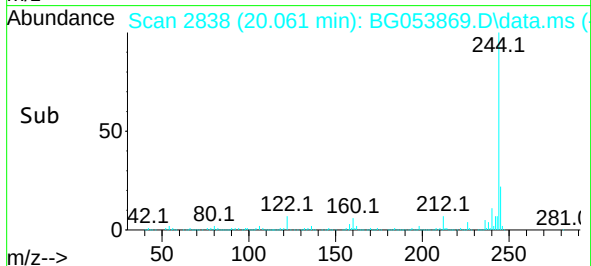
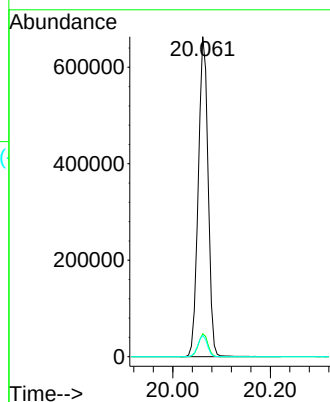
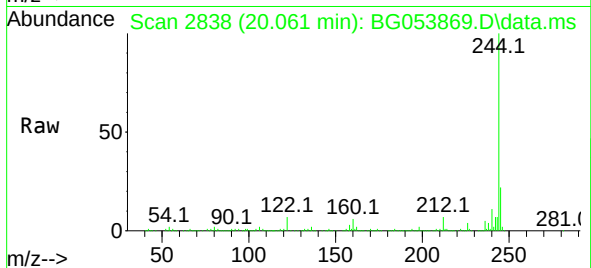
Tgt Ion:244 Resp: 933266

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.6 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.997 min Scan# 3678

Delta R.T. -0.003 min

Lab File: BG053869.D

Acq: 9 Jun 2022 20:34

Tgt Ion:264 Resp: 202377

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.4 26.2

