

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054102.D
 Acq On : 27 Jun 2022 21:45
 Operator : CG/JU
 Sample : N3494-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-6

Quant Time: Jun 28 04:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

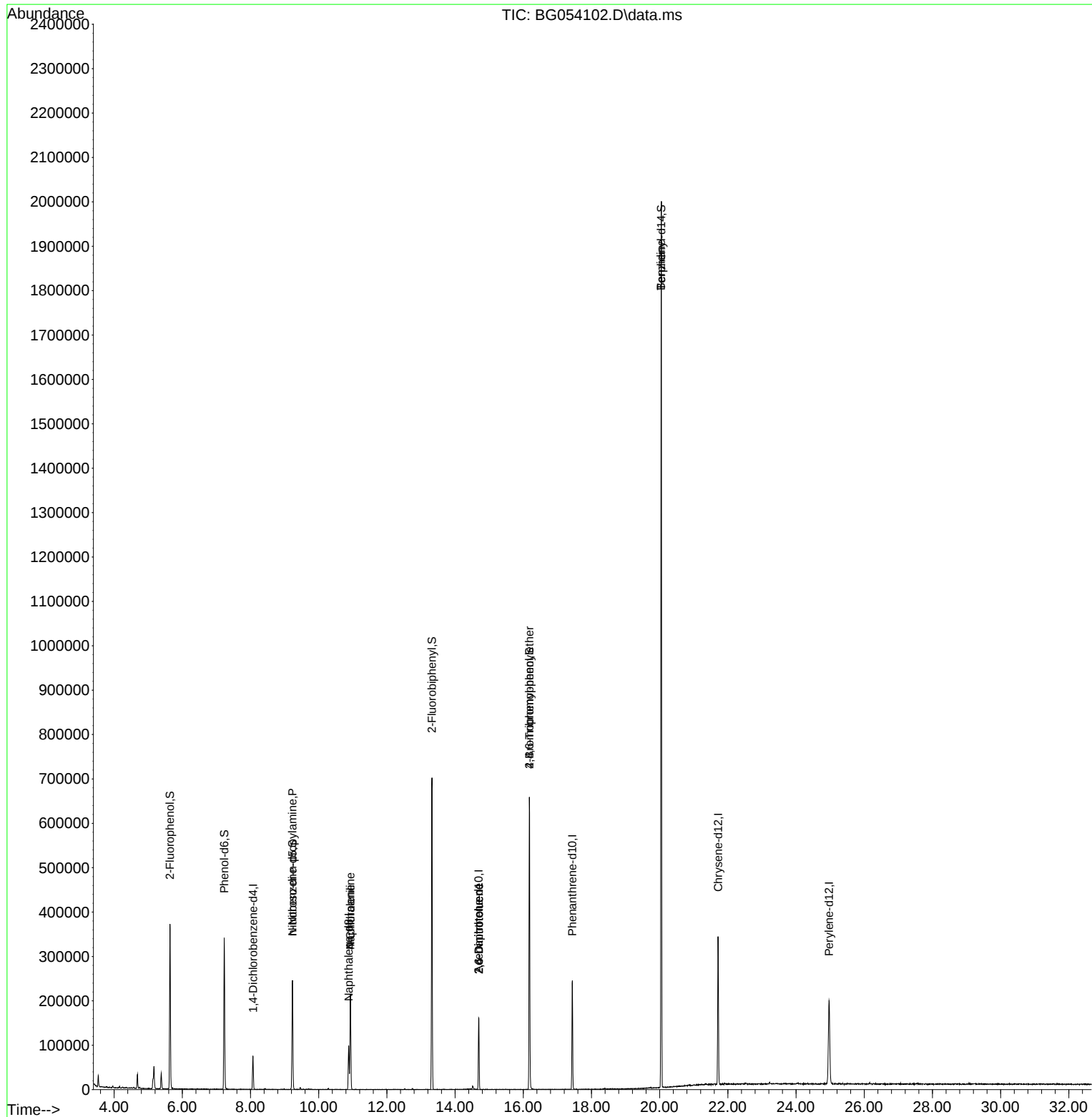
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	23020	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	89927	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	64539	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	175092	20.000	ng	0.00
76) Chrysene-d12	21.713	240	226418	20.000	ng	0.00
86) Perylene-d12	24.968	264	221517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	172769	143.492	ng	0.00
7) Phenol-d6	7.230	99	206944	126.699	ng	0.00
23) Nitrobenzene-d5	9.233	82	159073	99.406	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	156076	150.517	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	406047	91.487	ng	0.00
79) Terphenyl-d14	20.050	244	1120972	99.715	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.233	70	20673	18.839	ng	# 81
31) Naphthalene	10.931	128	187677	41.341	ng	100
33) 4-Chloroaniline	10.931	127	25601	13.593	ng	# 33
51) 2,6-Dinitrotoluene	14.697	165	8707	8.768	ng	# 16
57) 2,4-Dinitrotoluene	14.697	165	8707	6.208	ng	# 21
67) 4-Bromophenyl-phenylether	16.184	248	9563	4.373	ng	# 1
77) Benzidine	20.044	184	15629	3.333	ng	# 94

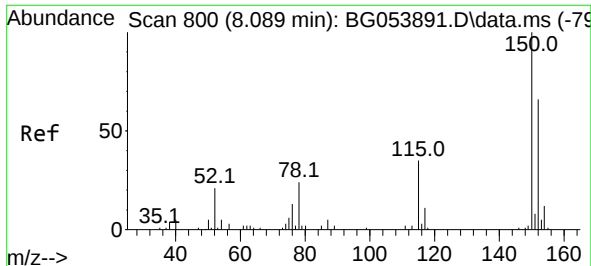
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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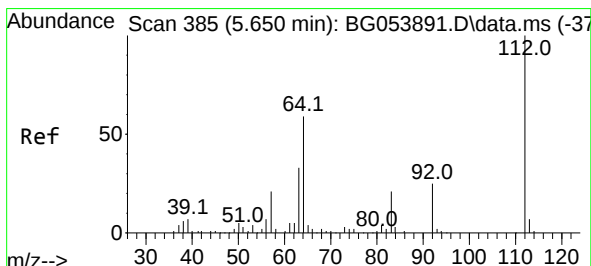
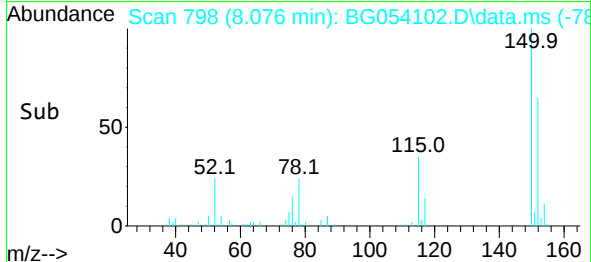
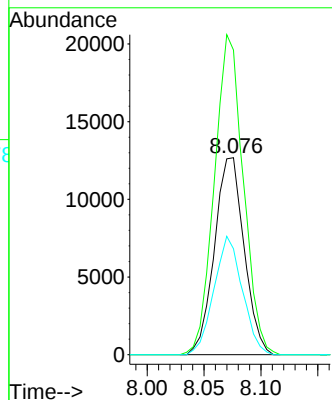
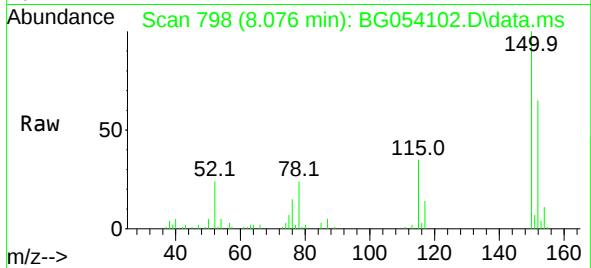




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

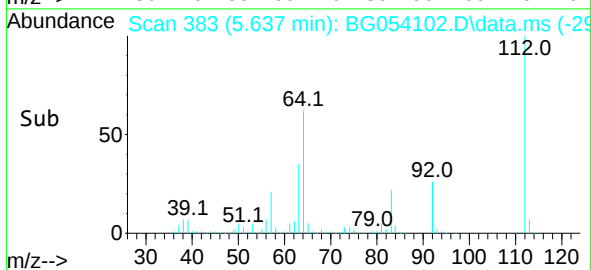
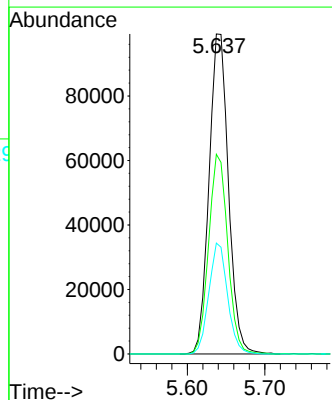
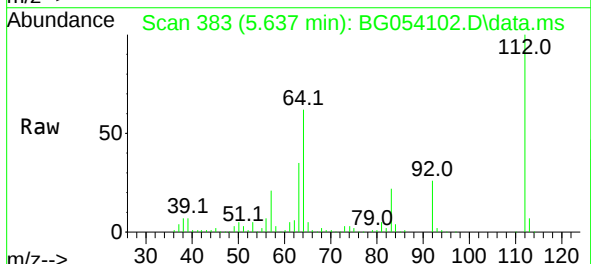
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

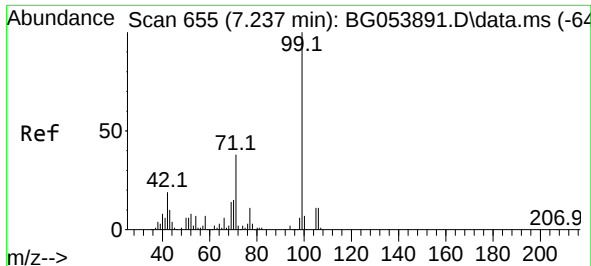
Tgt Ion:152 Resp: 23020
Ion Ratio Lower Upper
152 100
150 154.7 131.6 197.4
115 53.8 50.9 76.3



#5
2-Fluorophenol
Concen: 143.492 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion:112 Resp: 172769
Ion Ratio Lower Upper
112 100
64 62.4 55.1 82.7
63 34.7 30.4 45.6

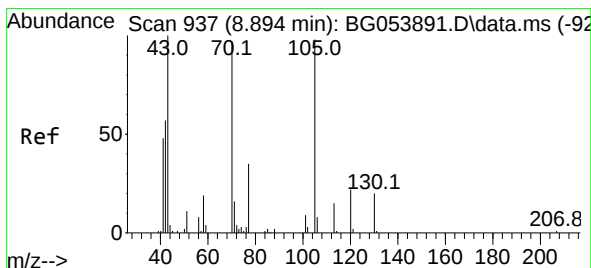
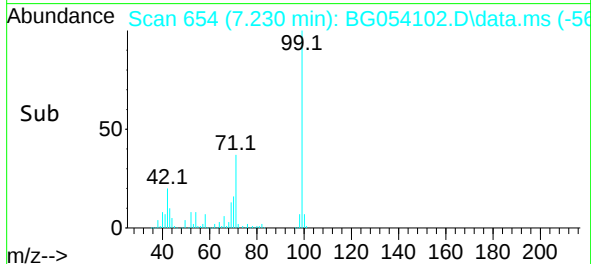
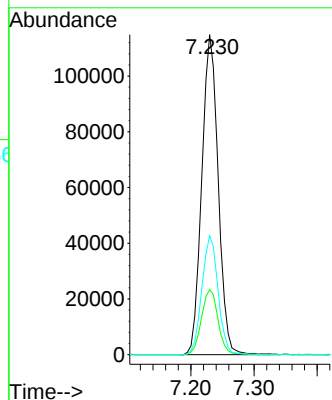
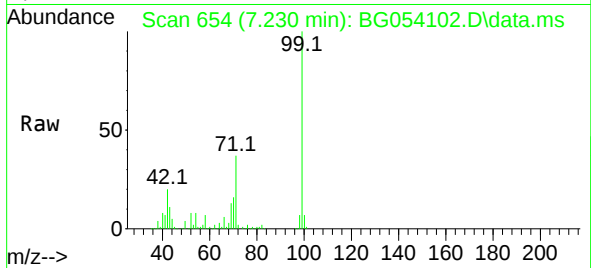




#7
Phenol-d6
Concen: 126.699 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

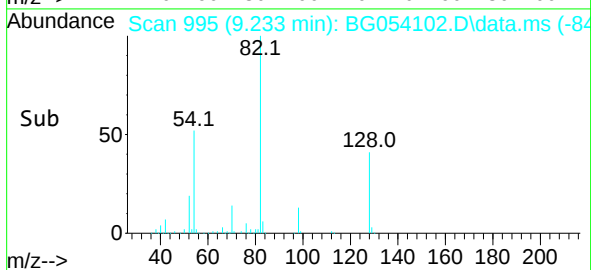
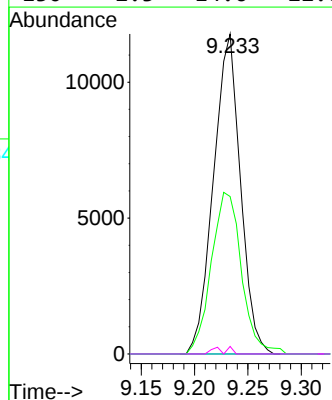
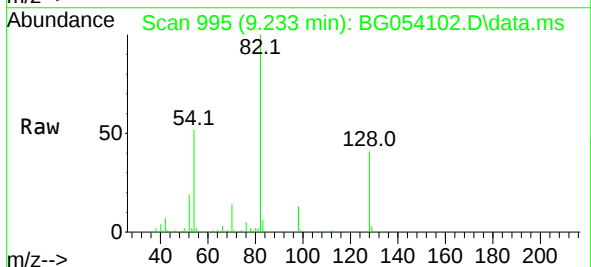
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

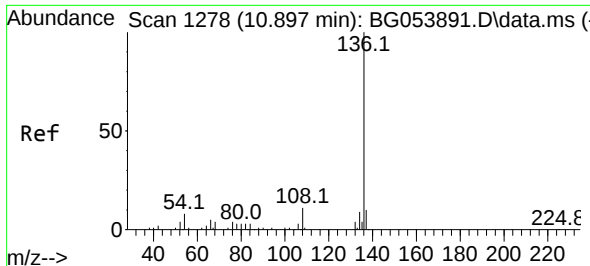
Tgt Ion: 99 Resp: 206944
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 37.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.839 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.358 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion: 70 Resp: 20673
Ion Ratio Lower Upper
70 100
42 49.2 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

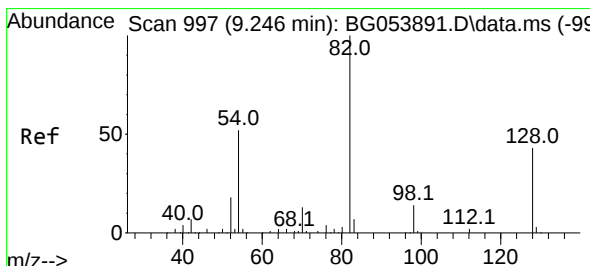
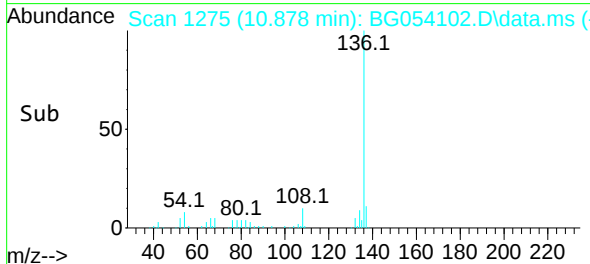
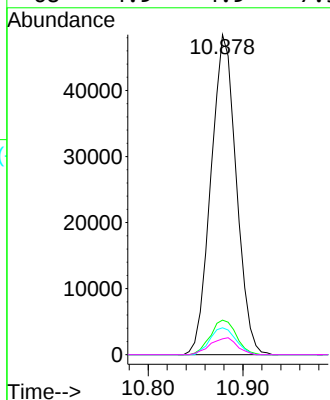
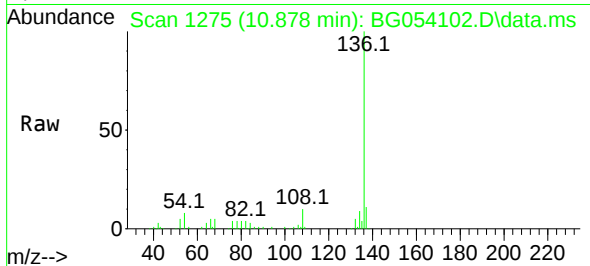




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

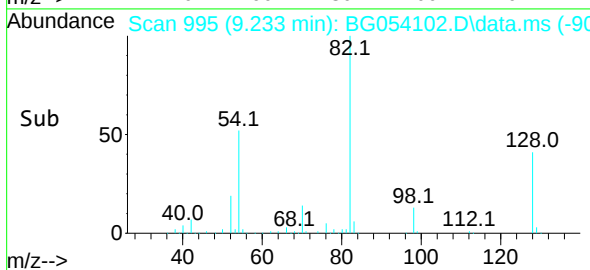
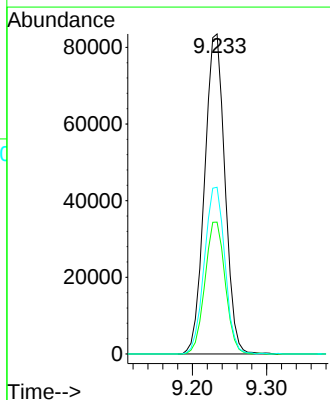
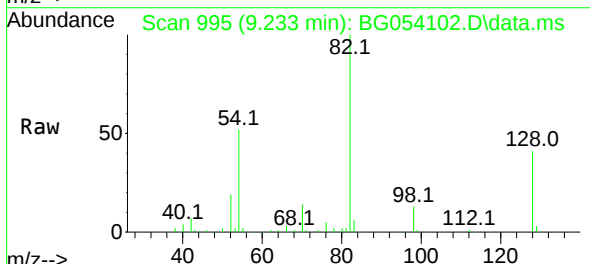
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

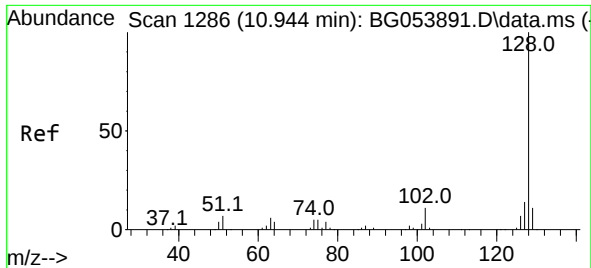
Tgt Ion:	136	Resp:	89927
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	8.4	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 99.406 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion:	82	Resp:	159073
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	52.1	41.2	61.8

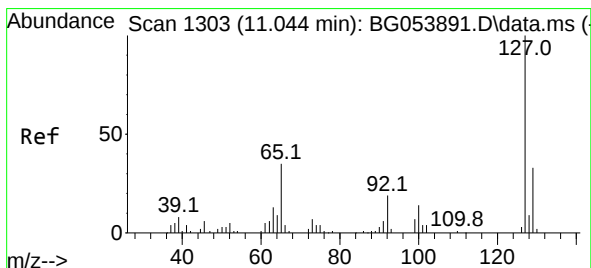
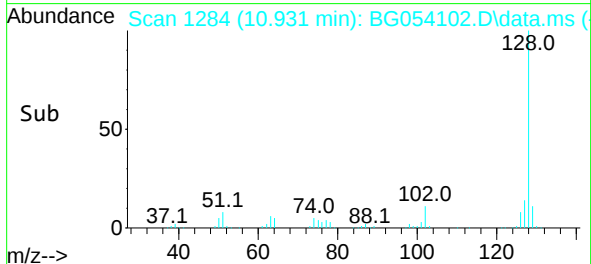
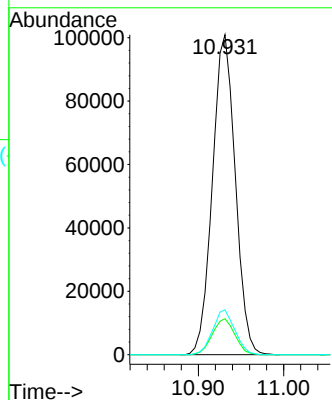
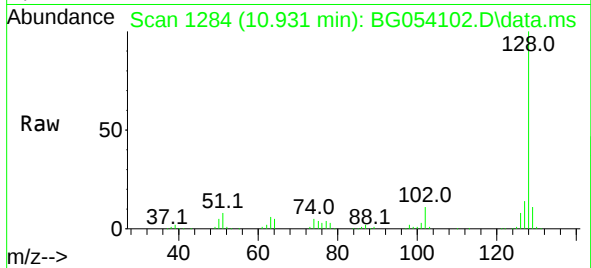




#31
Naphthalene
Concen: 41.341 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

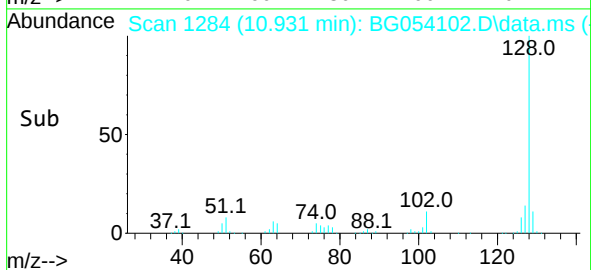
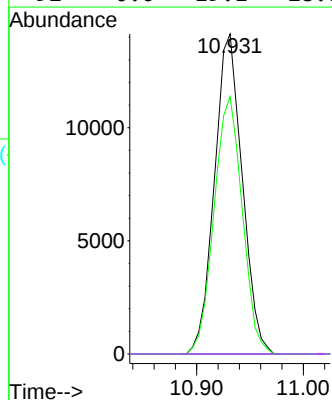
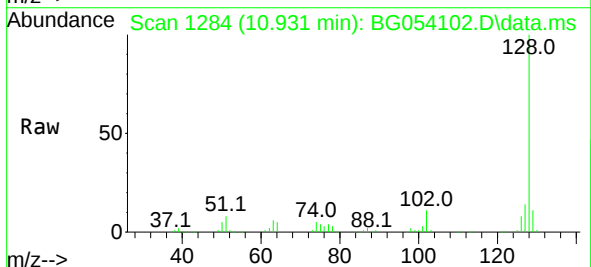
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

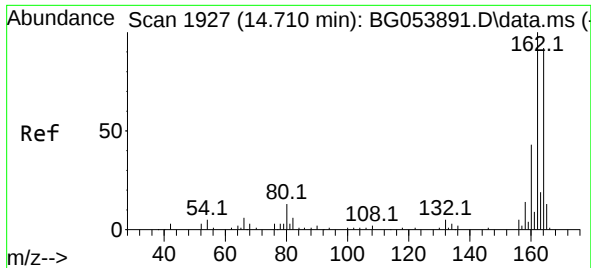
Tgt Ion:128 Resp: 187677
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.0 11.1 16.7



#33
4-Chloroaniline
Concen: 13.593 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.100 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

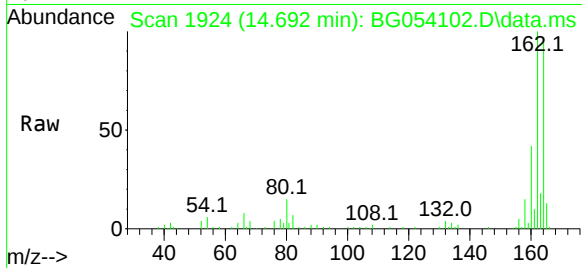
Tgt Ion:127 Resp: 25601
Ion Ratio Lower Upper
127 100
129 80.4 26.3 39.5#
65 0.0 31.1 46.7#
92 0.0 19.1 28.7#



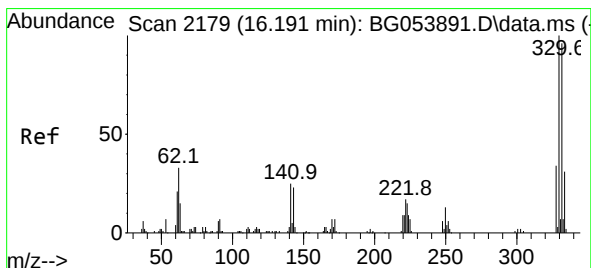
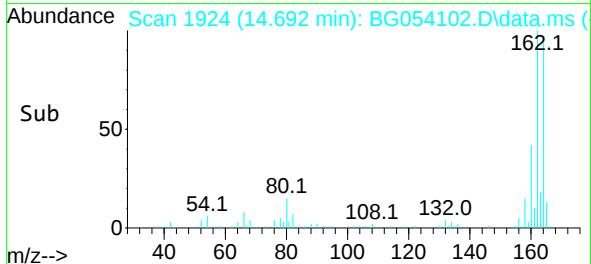
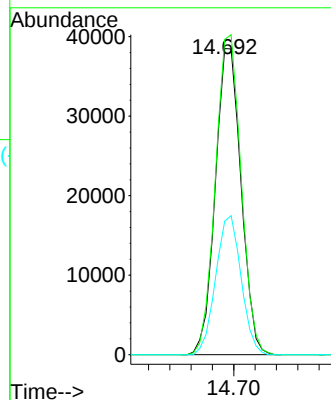


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.692 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BG054102.D
 Acq: 27 Jun 2022 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-6

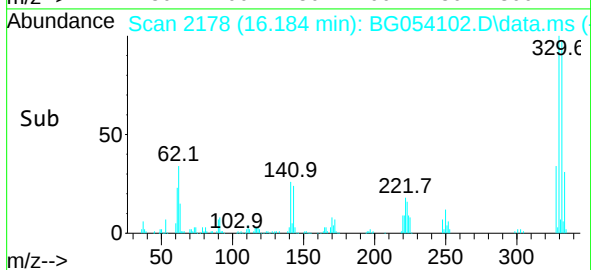
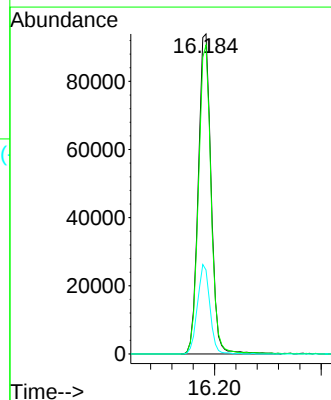
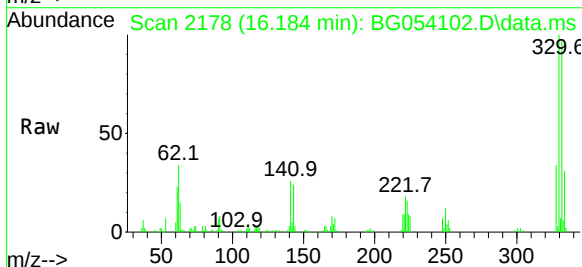


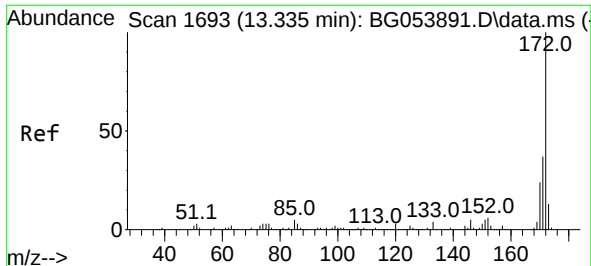
Tgt Ion:164 Resp: 64539
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.3 123.5
 160 43.7 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 150.517 ng
 RT: 16.184 min Scan# 2178
 Delta R.T. -0.000 min
 Lab File: BG054102.D
 Acq: 27 Jun 2022 21:45

Tgt Ion:330 Resp: 156076
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 27.1 27.1 40.7#

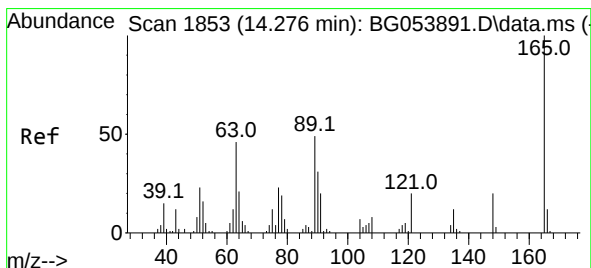
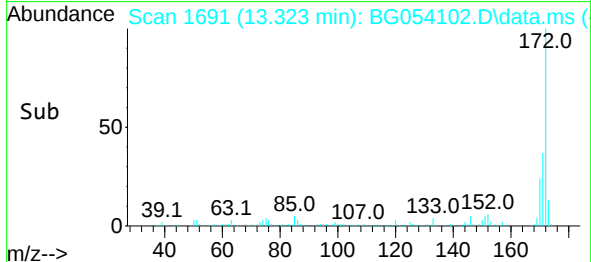
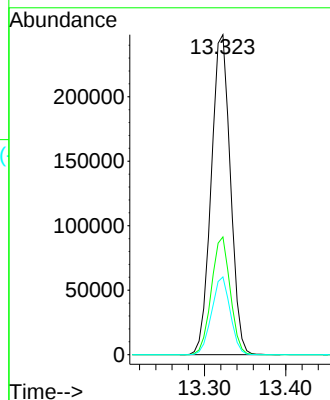
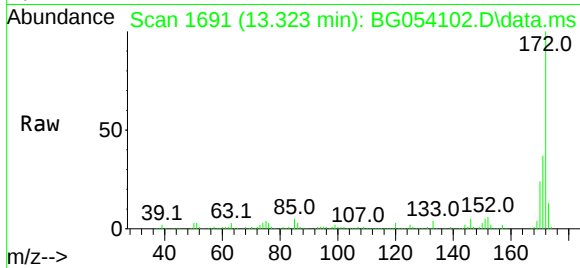




#45
2-Fluorobiphenyl
Concen: 91.487 ng
RT: 13.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

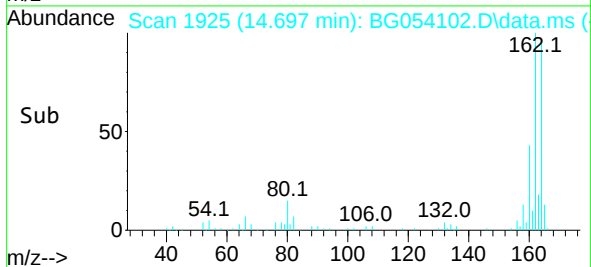
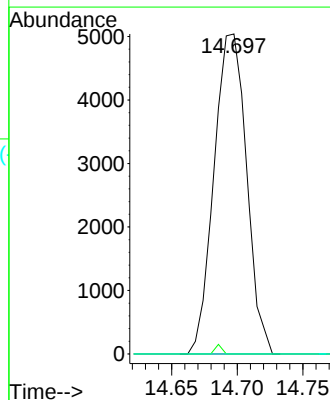
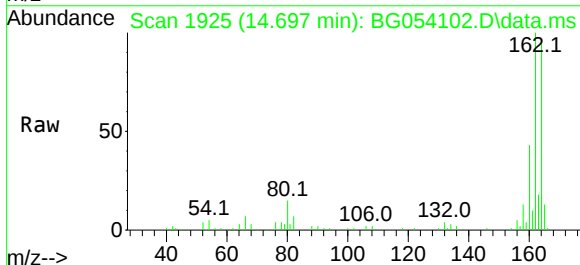
Instrument :
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ClientSampleId :
SP-EXC-1-6

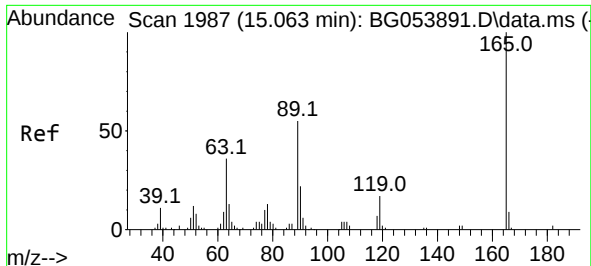
Tgt Ion:172 Resp: 406047
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 14.697 min Scan# 1925
Delta R.T. 0.434 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion:165 Resp: 8707
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: 6.208 ng

RT: 14.697 min Scan# 1987

Delta R.T. -0.353 min

Lab File: BG054102.D

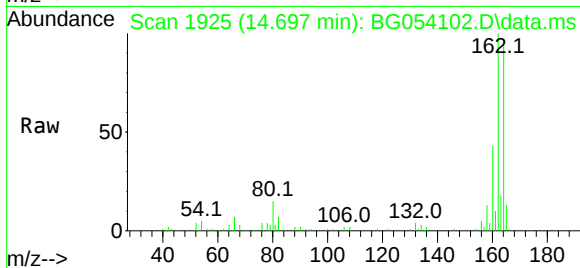
Acq: 27 Jun 2022 21:45

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-6



Tgt Ion:165 Resp: 8707

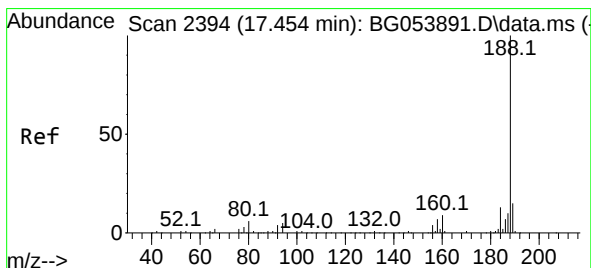
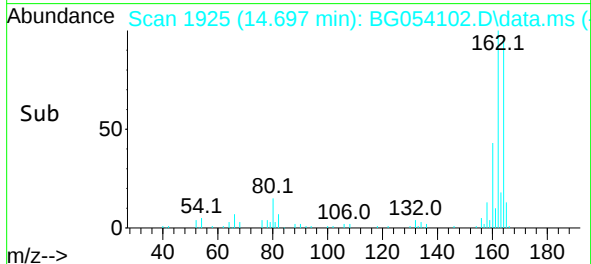
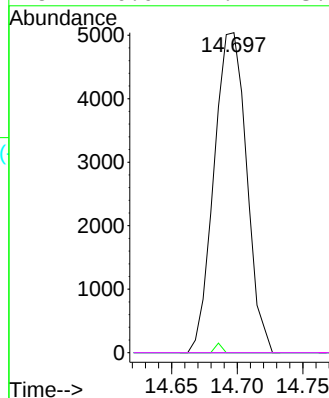
Ion Ratio Lower Upper

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: 17.441 min Scan# 2392

Delta R.T. -0.000 min

Lab File: BG054102.D

Acq: 27 Jun 2022 21:45

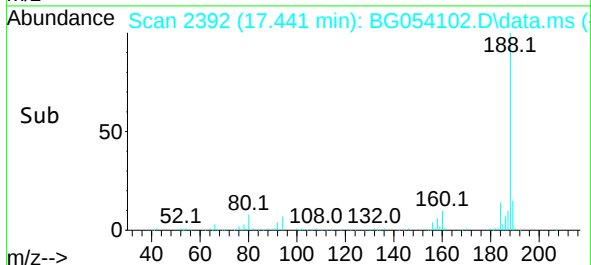
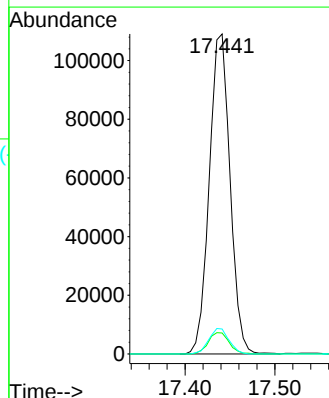
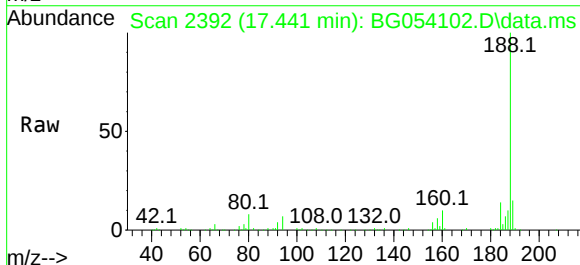
Tgt Ion:188 Resp: 175092

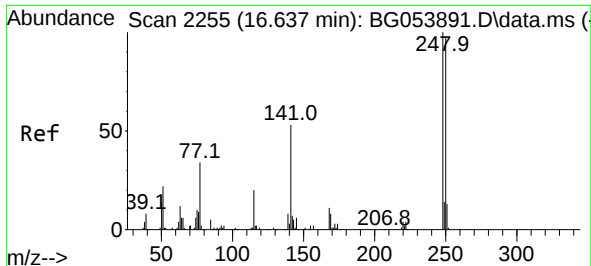
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.8 6.8 10.2

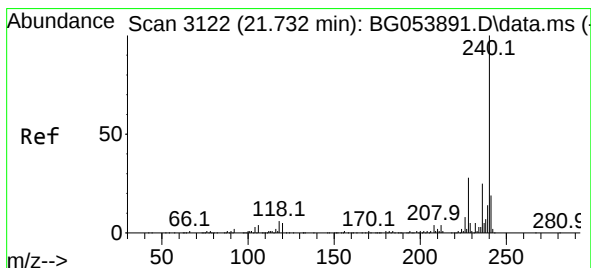
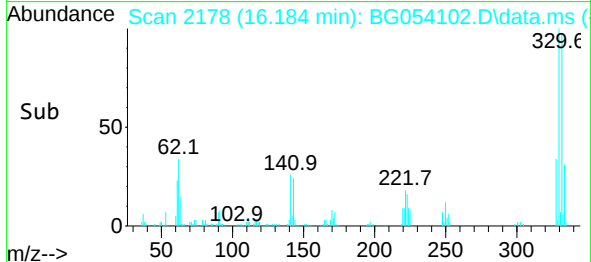
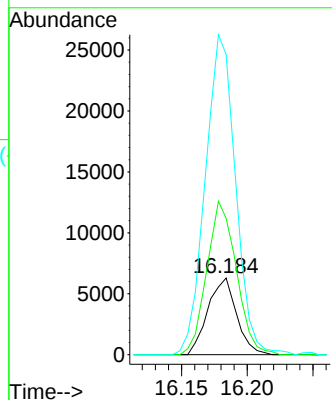
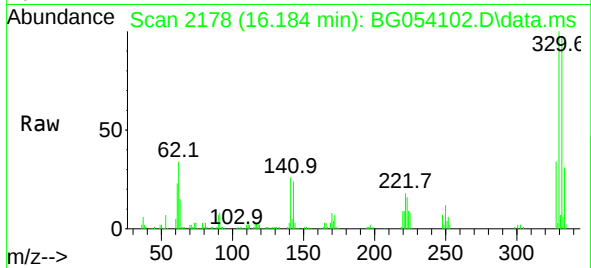




#67
4-Bromophenyl-phenylether
Concen: 4.373 ng
RT: 16.184 min Scan# 2119
Delta R.T. -0.441 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

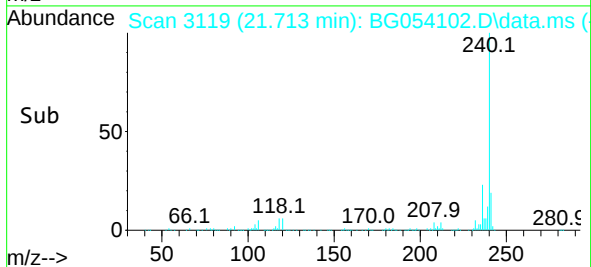
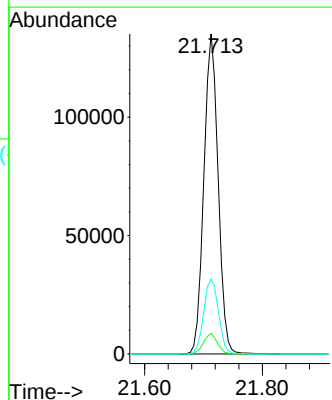
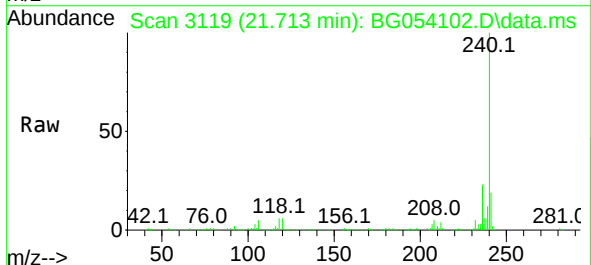
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

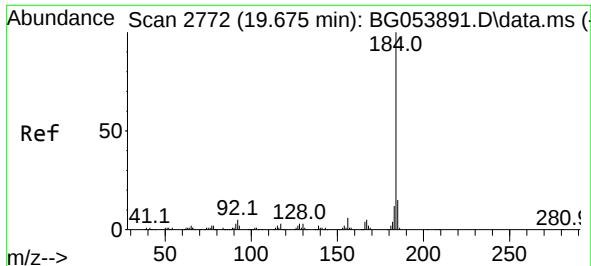
Tgt Ion:248 Resp: 9563
Ion Ratio Lower Upper
248 100
250 136.7 75.2 112.8#
141 300.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion:240 Resp: 226418
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 23.4 20.2 30.4

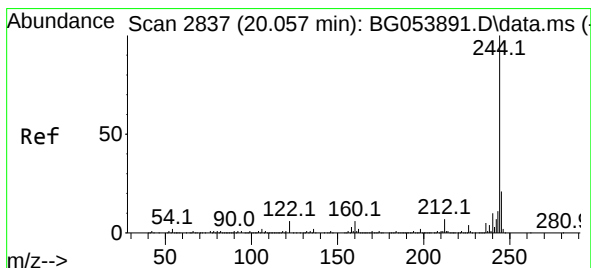
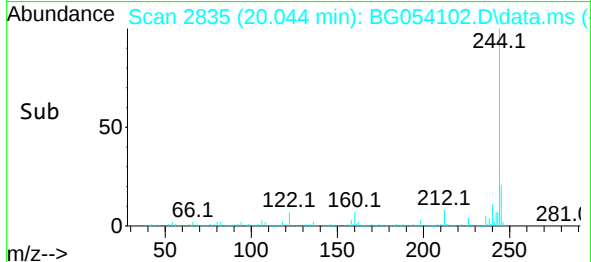
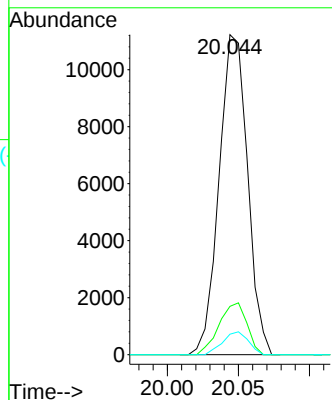
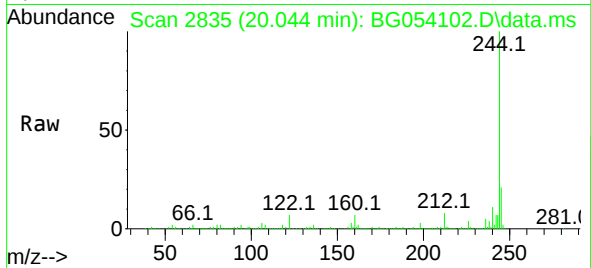




#77
Benzidine
Concen: 3.333 ng
RT: 20.044 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

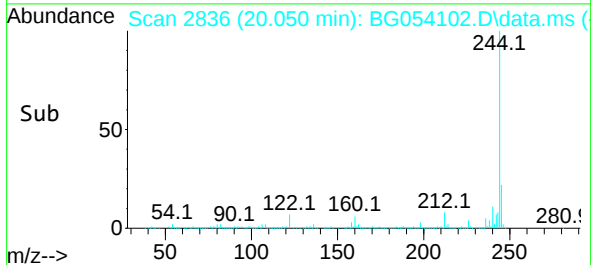
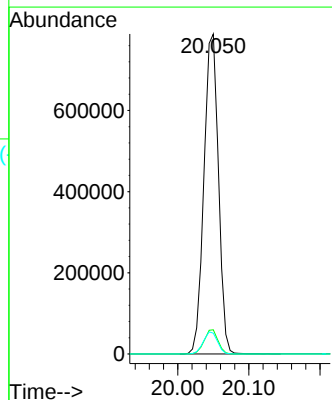
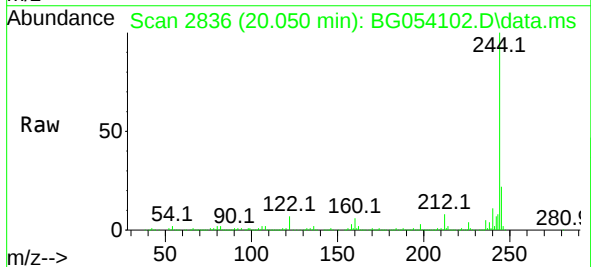
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

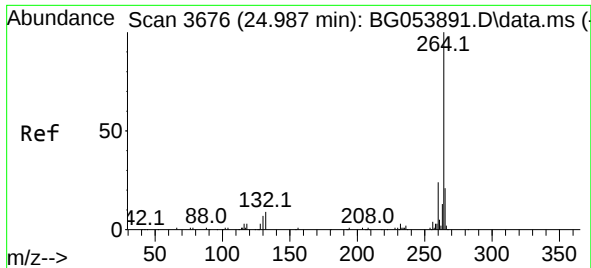
Tgt Ion:184 Resp: 15629
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 6.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 99.715 ng
RT: 20.050 min Scan# 2836
Delta R.T. 0.005 min
Lab File: BG054102.D
Acq: 27 Jun 2022 21:45

Tgt Ion:244 Resp: 1120972
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.968 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BG054102.D
 Acq: 27 Jun 2022 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-6

Tgt Ion:264 Resp: 221517
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.3 17.4 26.2

