

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054994.D
 Acq On : 21 Sep 2022 13:05
 Operator : CG/JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147377BL

Quant Time: Sep 22 04:40:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

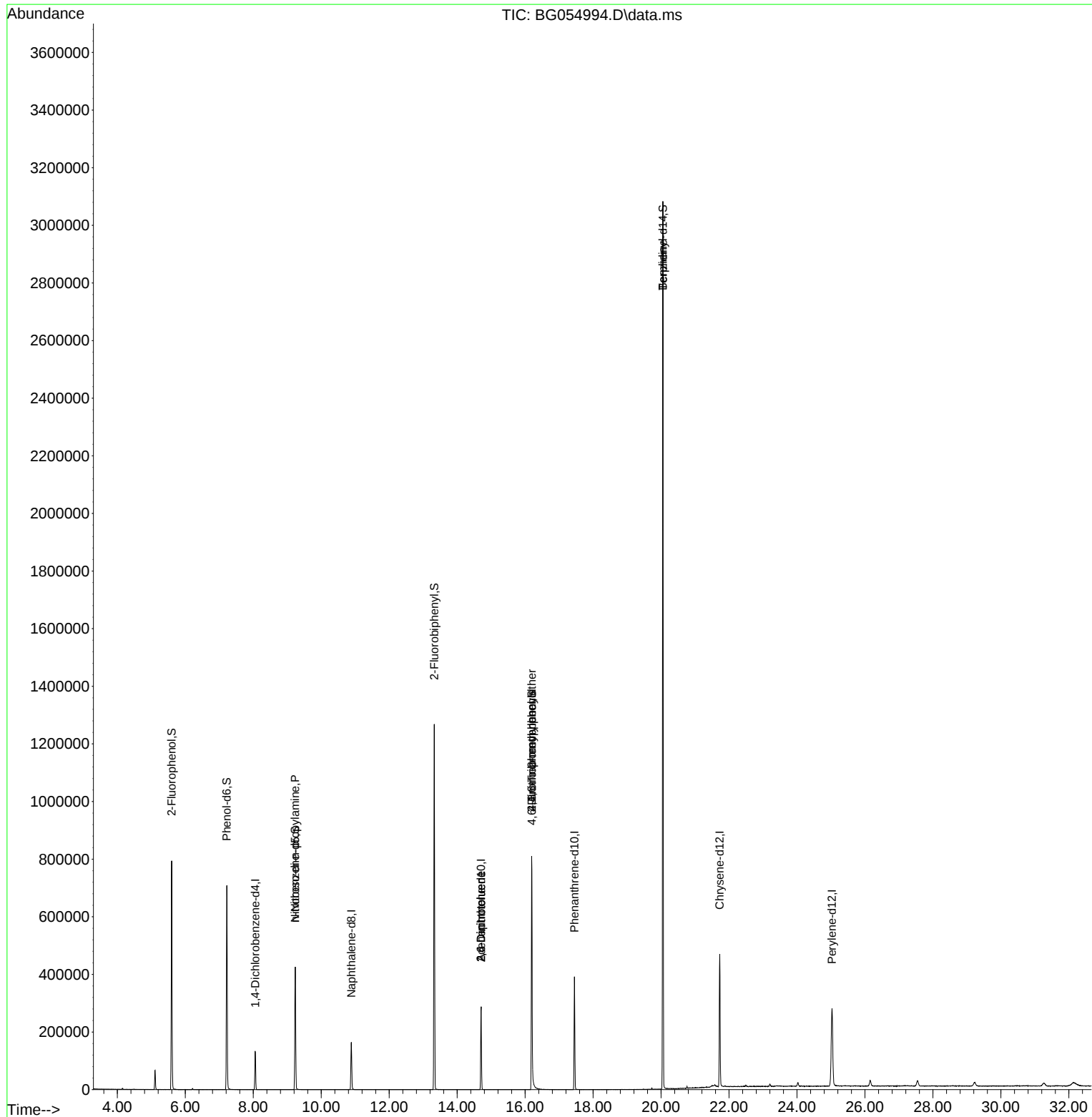
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	42441	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	161283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	107315	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	262897	20.000	ng	0.00
76) Chrysene-d12	21.725	240	305084	20.000	ng	0.00
86) Perylene-d12	25.027	264	318593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	388062	178.910	ng	0.00
7) Phenol-d6	7.219	99	470605	161.870	ng	0.00
23) Nitrobenzene-d5	9.234	82	279304	100.376	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	215876	171.713	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	708455	104.040	ng	0.00
79) Terphenyl-d14	20.051	244	1544756	105.917	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.234	70	34302	17.142	ng	# 78
51) 2,6-Dinitrotoluene	14.704	165	14291	8.272	ng	# 20
57) 2,4-Dinitrotoluene	14.704	165	14291	5.815	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.197	198	284	5.179	ng	# 1
67) 4-Bromophenyl-phenylether	16.191	248	12903	4.450	ng	# 1
77) Benzidine	20.051	184	22252	2.944	ng	# 90

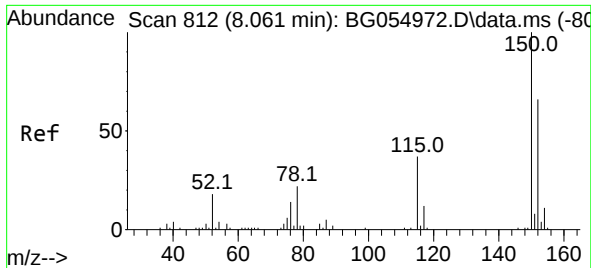
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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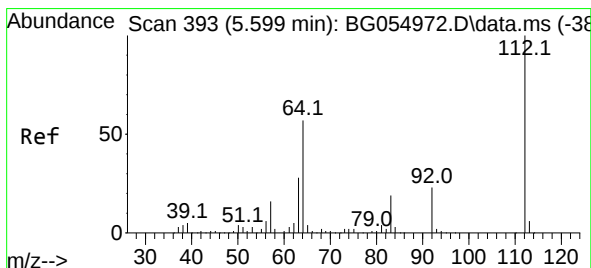
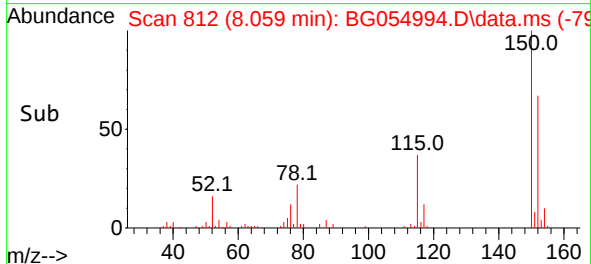
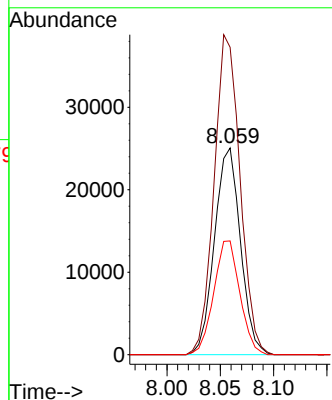
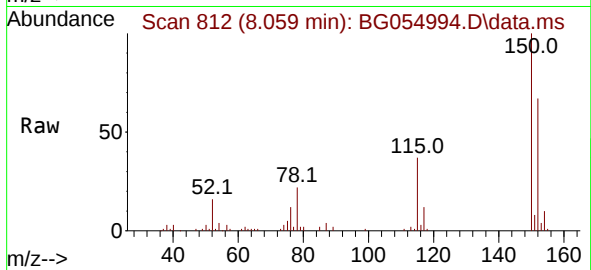




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

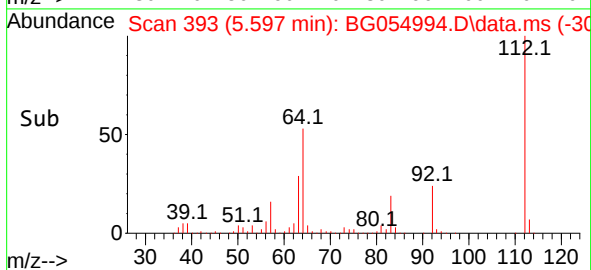
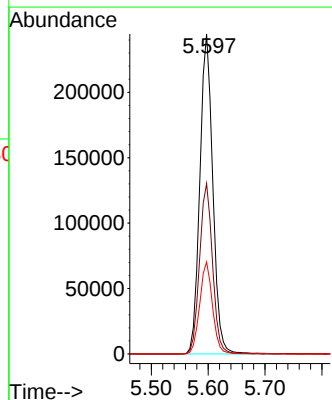
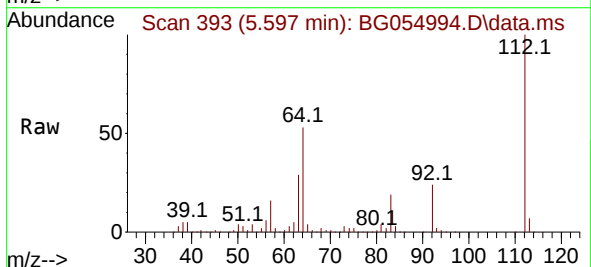
Instrument :
BNA_G
ClientSampleId :
PB147377BL

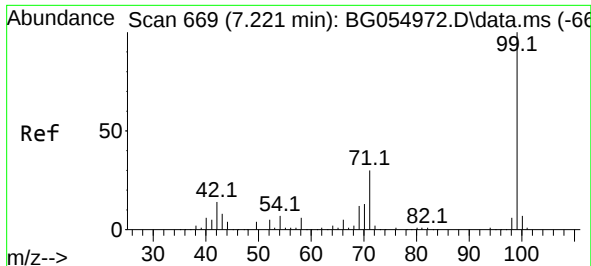
Tgt Ion:152 Resp: 42441
Ion Ratio Lower Upper
152 100
150 148.6 125.2 187.8
115 55.0 47.9 71.9



#5
2-Fluorophenol
Concen: 178.910 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

Tgt Ion:112 Resp: 388062
Ion Ratio Lower Upper
112 100
64 53.3 49.3 73.9
63 28.8 26.3 39.5

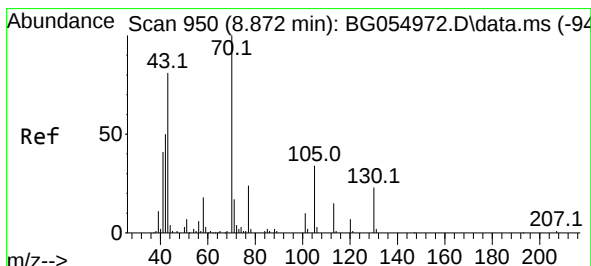
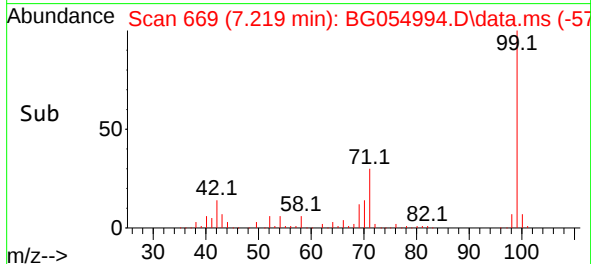
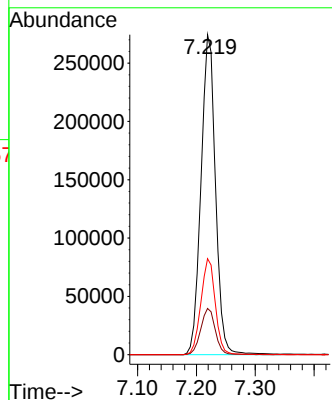
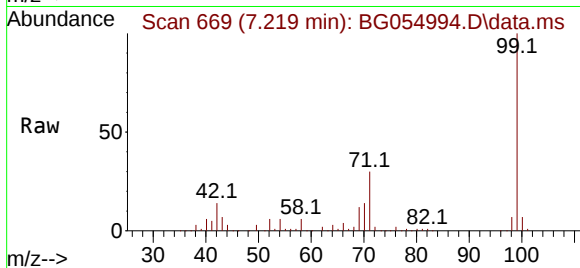




#7
Phenol-d6
Concen: 161.870 ng
RT: 7.219 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

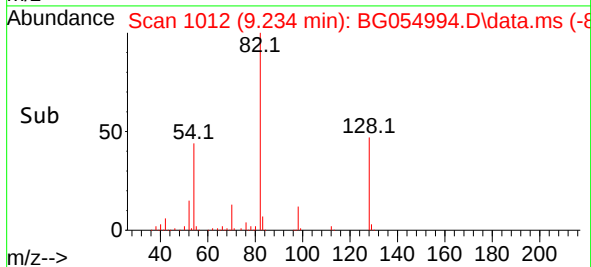
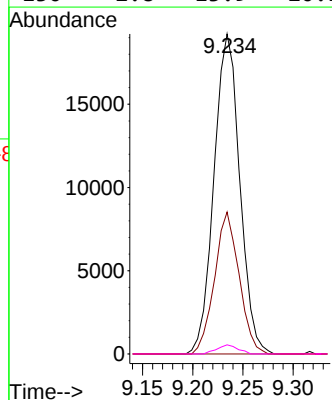
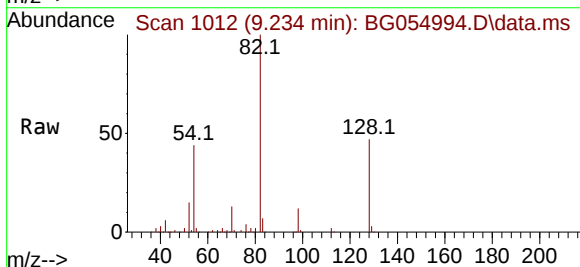
Instrument :
BNA_G
ClientSampleId :
PB147377BL

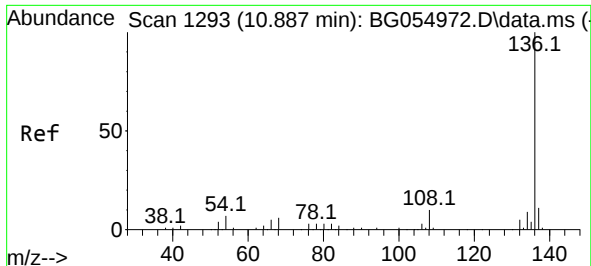
Tgt Ion: 99 Resp: 470605
Ion Ratio Lower Upper
99 100
42 14.5 14.6 22.0#
71 30.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.142 ng
RT: 9.234 min Scan# 1012
Delta R.T. 0.363 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

Tgt Ion: 70 Resp: 34302
Ion Ratio Lower Upper
70 100
42 44.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.8 13.9 20.9#

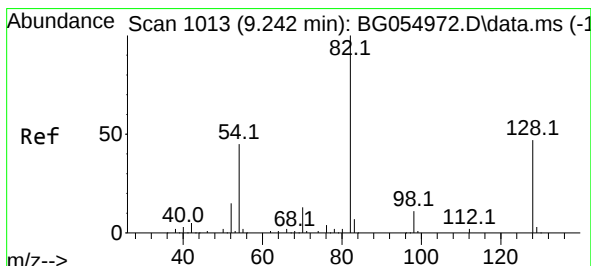
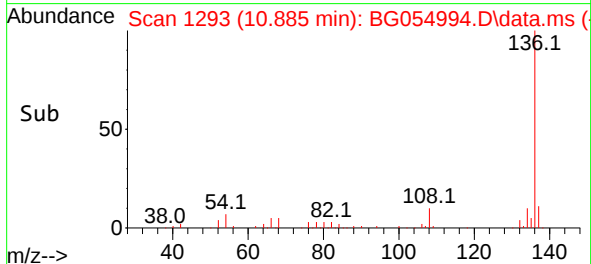
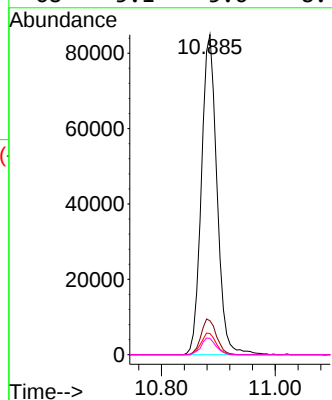
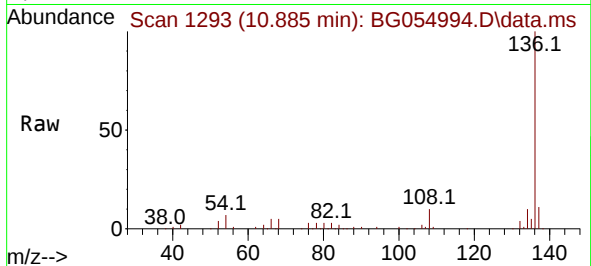




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

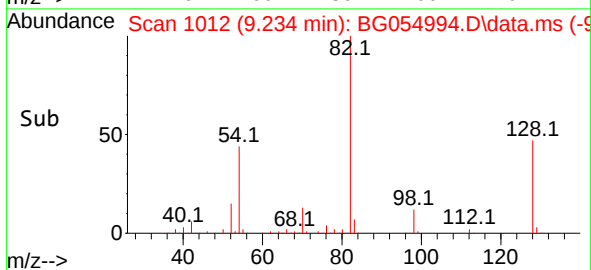
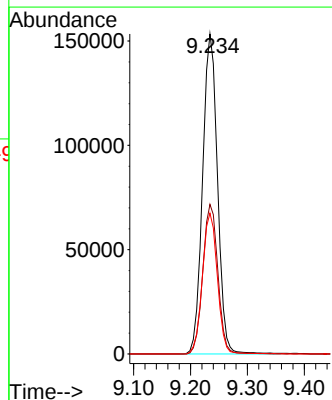
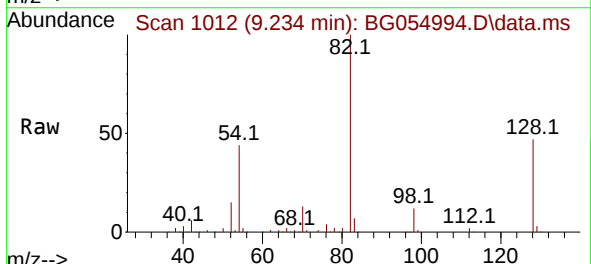
Instrument :
BNA_G
ClientSampleId :
PB147377BL

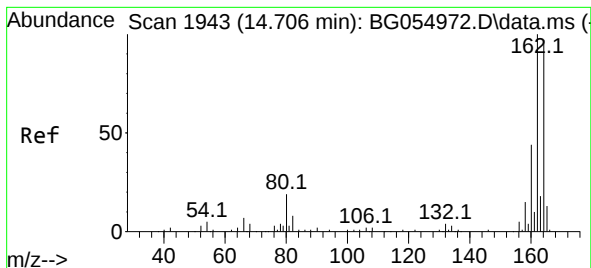
Tgt Ion:136 Resp: 161283
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.6 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 100.376 ng
RT: 9.234 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

Tgt Ion: 82 Resp: 279304
Ion Ratio Lower Upper
82 100
128 46.8 32.2 48.2
54 44.0 41.4 62.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BG054994.D

Acq: 21 Sep 2022 13:05

Instrument :

BNA_G

ClientSampleId :

PB147377BL

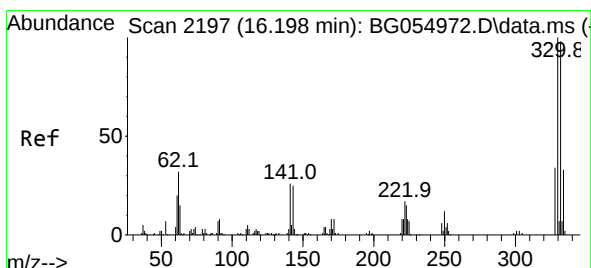
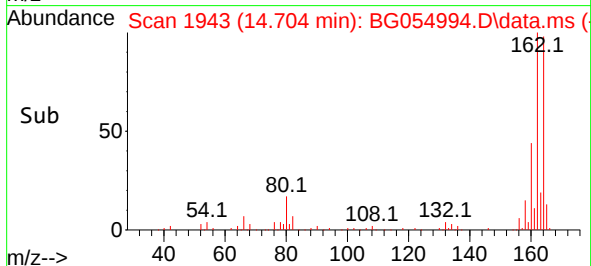
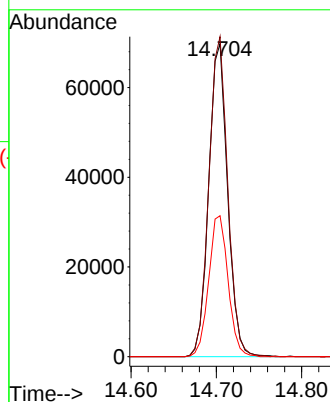
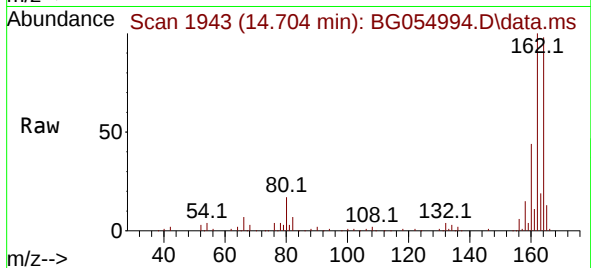
Tgt Ion:164 Resp: 107315

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.4

160 45.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 171.713 ng

RT: 16.191 min Scan# 2196

Delta R.T. -0.008 min

Lab File: BG054994.D

Acq: 21 Sep 2022 13:05

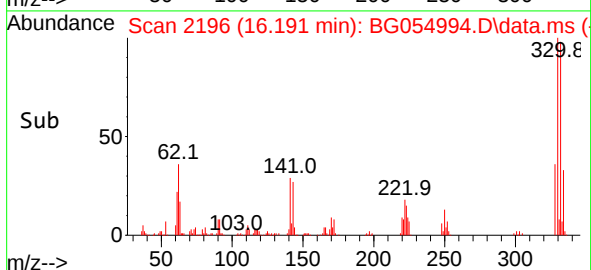
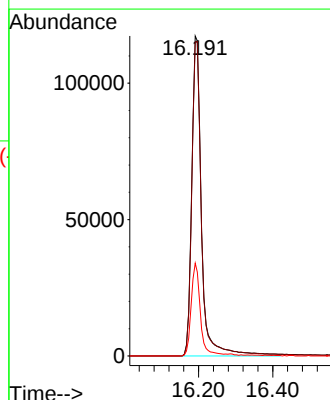
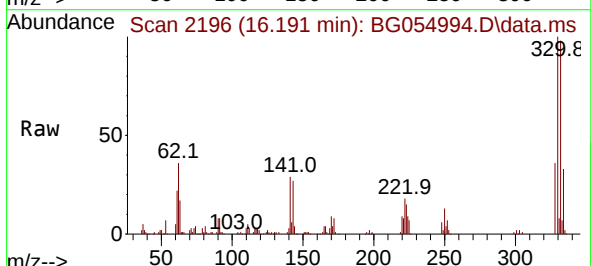
Tgt Ion:330 Resp: 215876

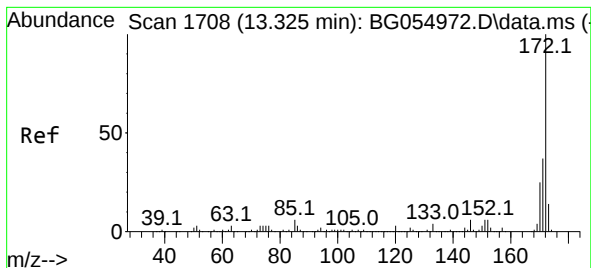
Ion Ratio Lower Upper

330 100

332 98.0 79.8 119.6

141 26.9 26.8 40.2

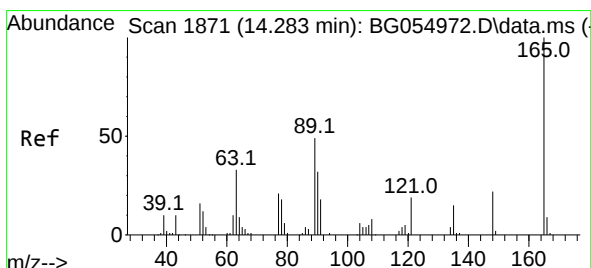
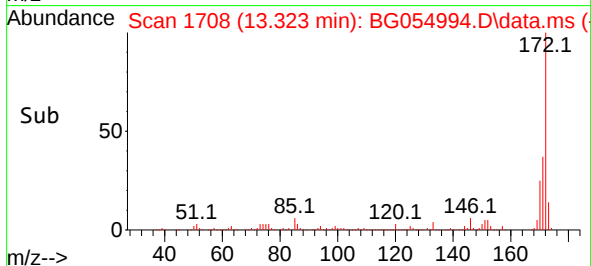
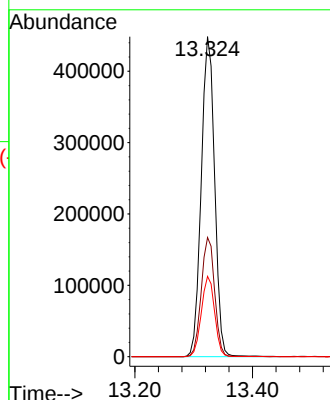
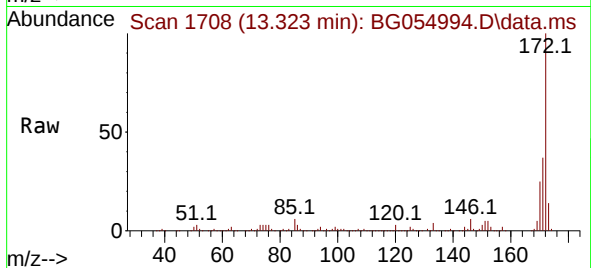




#45
 2-Fluorobiphenyl
 Concen: 104.040 ng
 RT: 13.323 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG054994.D
 Acq: 21 Sep 2022 13:05

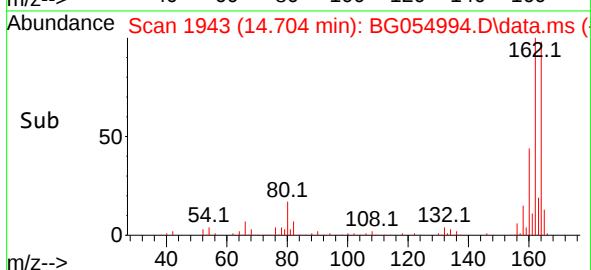
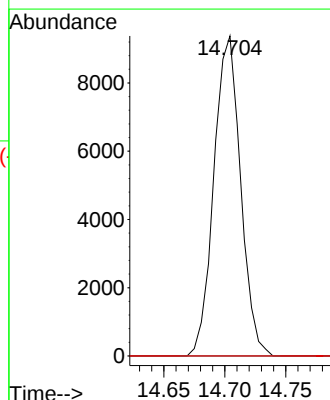
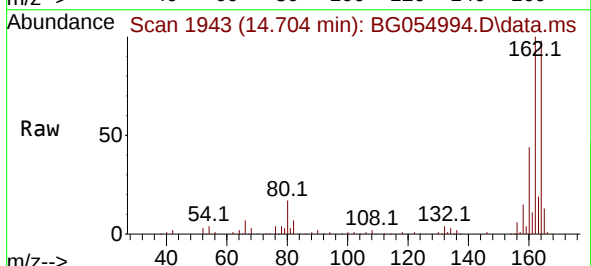
Instrument :
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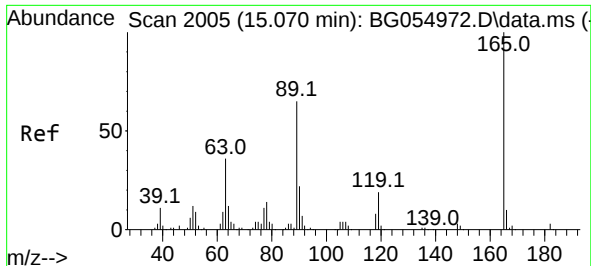
Tgt Ion:172 Resp: 708455
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.2 46.8
 170 25.1 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.272 ng
 RT: 14.704 min Scan# 1943
 Delta R.T. 0.421 min
 Lab File: BG054994.D
 Acq: 21 Sep 2022 13:05

Tgt Ion:165 Resp: 14291
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.0 69.0#
 89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.815 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.366 min

Lab File: BG054994.D

Acq: 21 Sep 2022 13:05

Instrument :

BNA_G

ClientSampleId :

PB147377BL

Tgt Ion:165 Resp: 14291

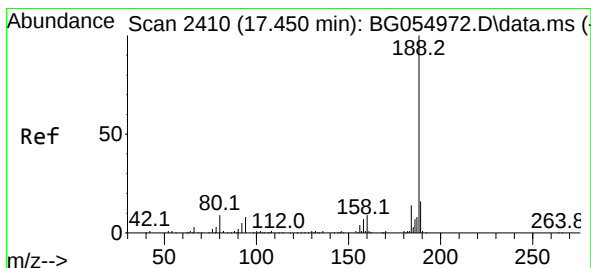
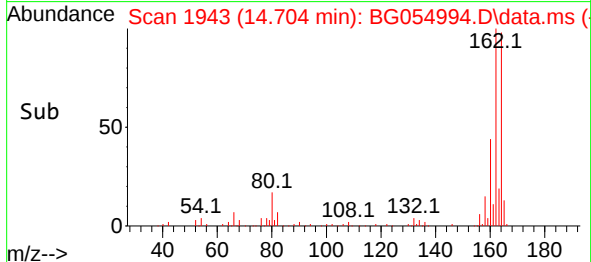
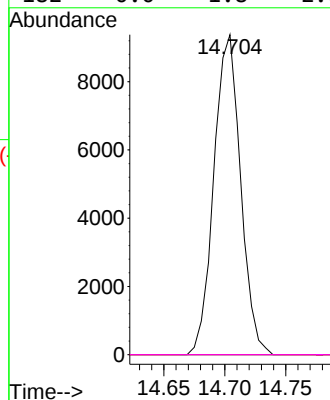
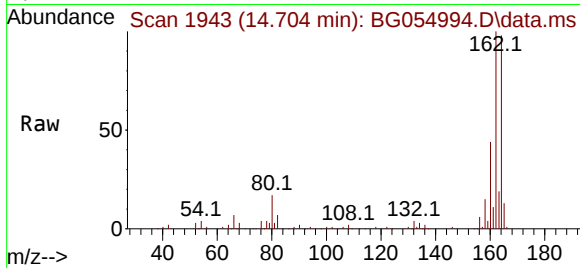
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.448 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG054994.D

Acq: 21 Sep 2022 13:05

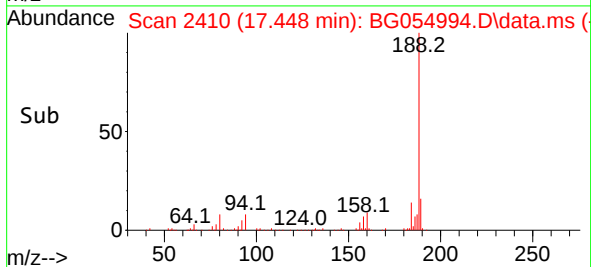
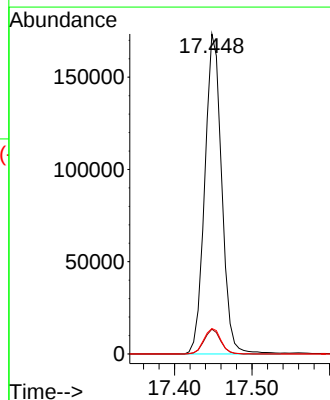
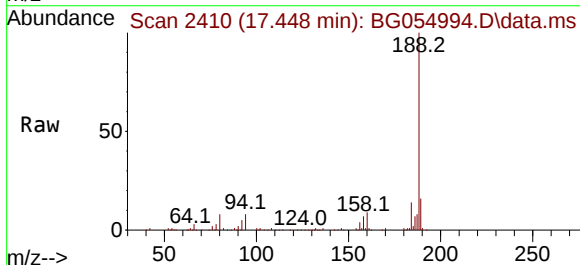
Tgt Ion:188 Resp: 262897

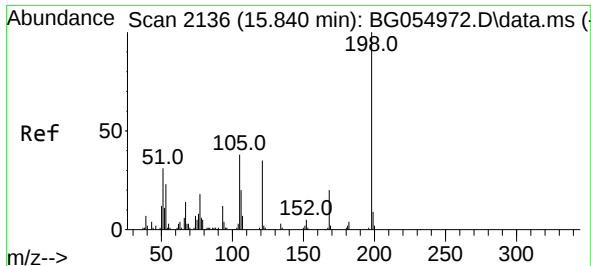
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.0 7.9 11.9

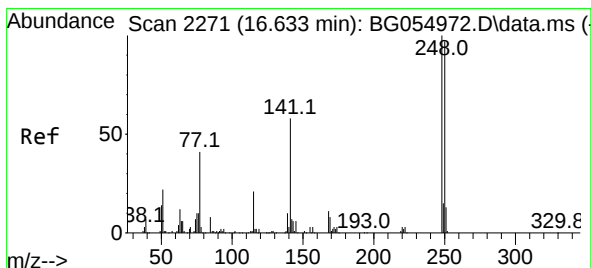
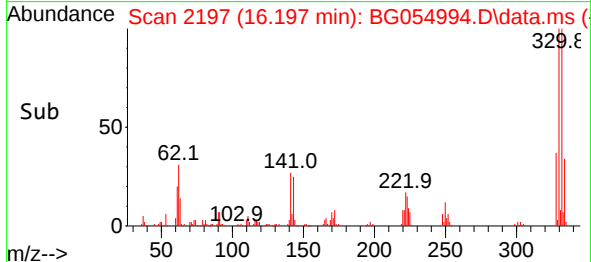
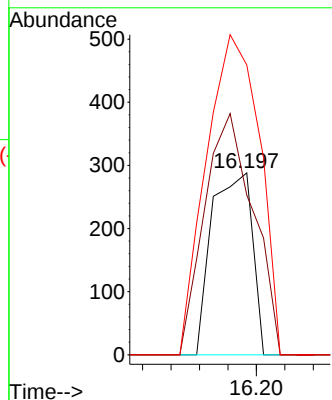
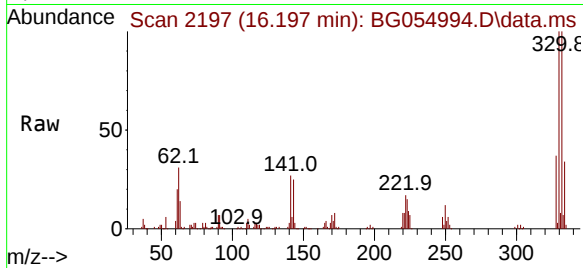




#65
4,6-Dinitro-2-methylphenol
Concen: 5.179 ng
RT: 16.197 min Scan# 2136
Delta R.T. 0.357 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

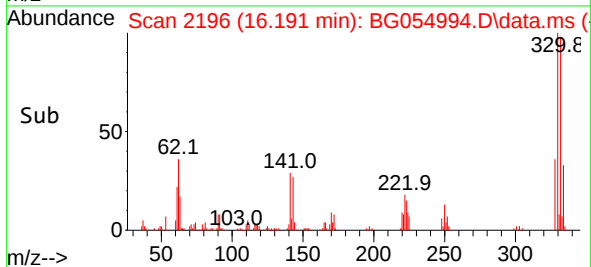
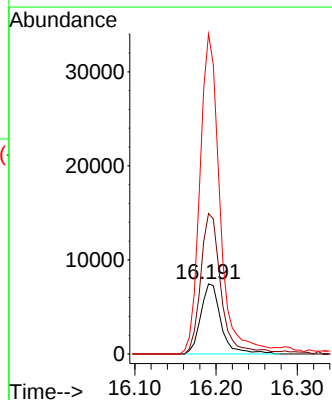
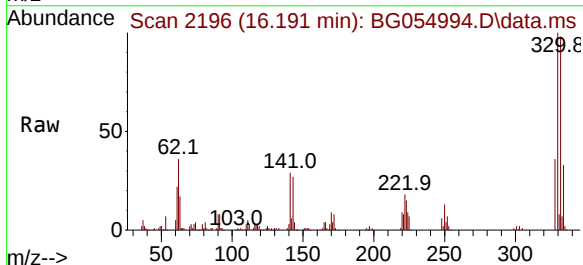
Instrument :
BNA_G
ClientSampleId :
PB147377BL

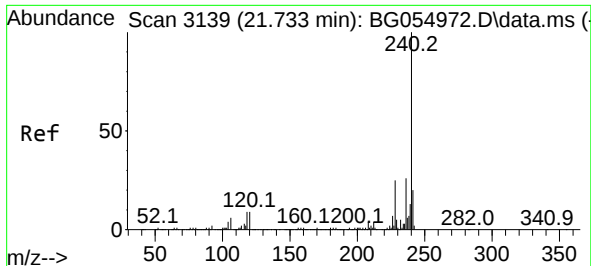
Tgt Ion:198 Resp: 284
Ion Ratio Lower Upper
198 100
51 87.8 19.9 59.9#
105 159.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.442 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

Tgt Ion:248 Resp: 12903
Ion Ratio Lower Upper
248 100
250 200.3 78.8 118.2#
141 456.5 51.9 77.9#

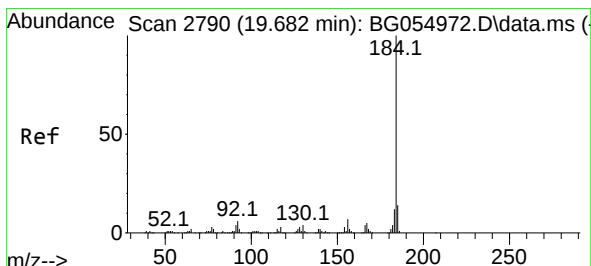
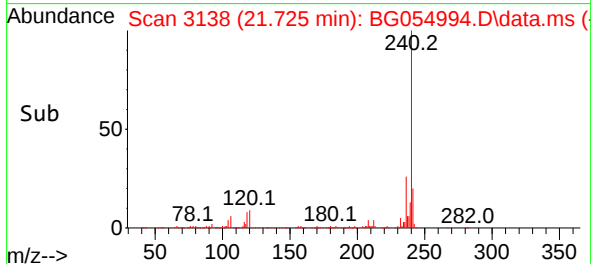
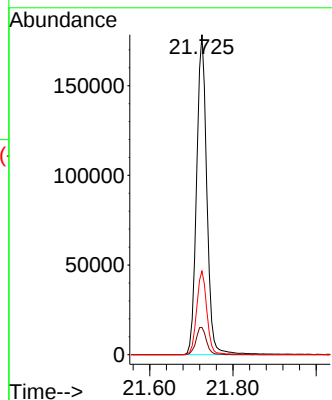
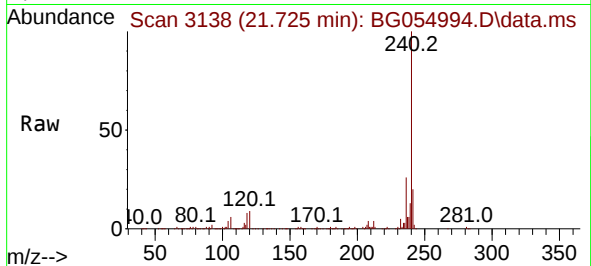




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

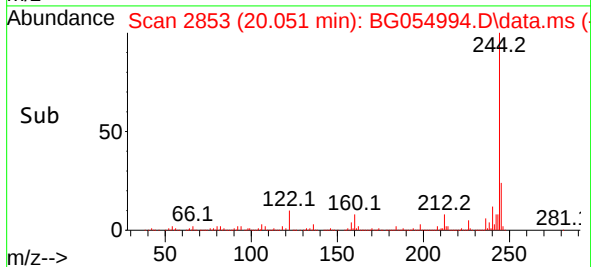
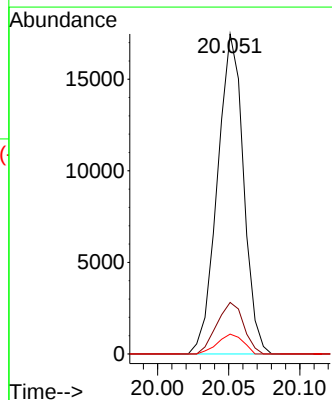
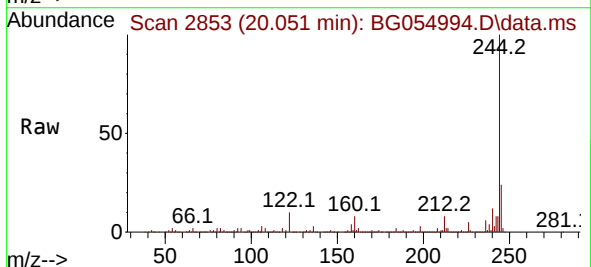
Instrument :
BNA_G
ClientSampleId :
PB147377BL

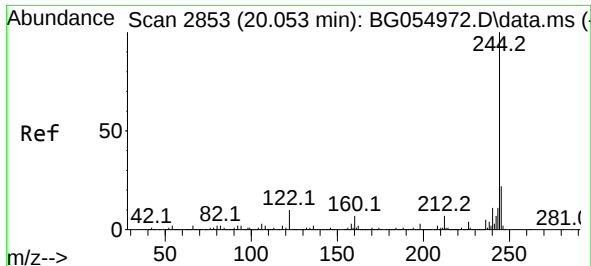
Tgt Ion:240 Resp: 305084
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.4
236 26.1 21.2 31.8



#77
Benzidine
Concen: 2.944 ng
RT: 20.051 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG054994.D
Acq: 21 Sep 2022 13:05

Tgt Ion:184 Resp: 22252
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.2 9.8 14.8#

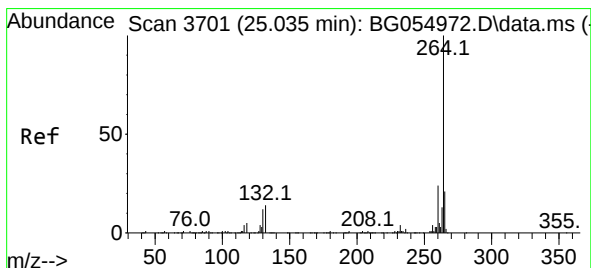
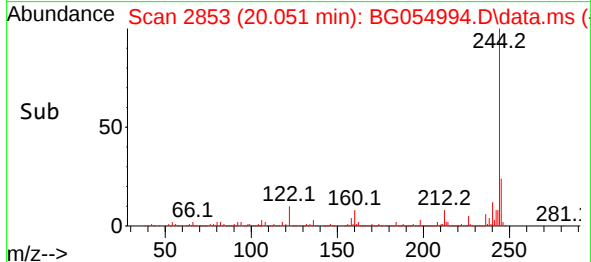
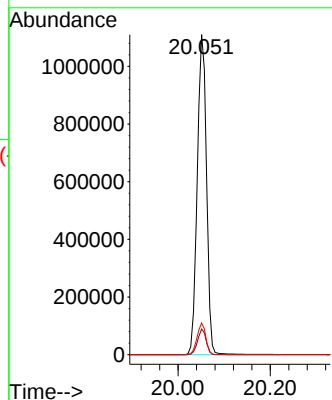
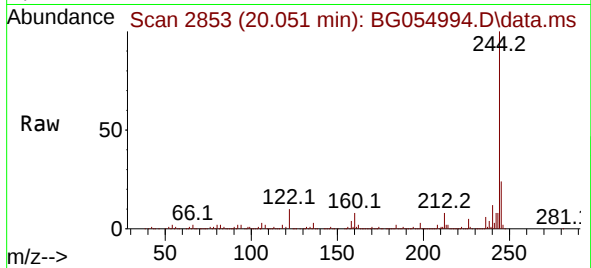




#79
 Terphenyl-d14
 Concen: 105.917 ng
 RT: 20.051 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054994.D
 Acq: 21 Sep 2022 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB147377BL

Tgt Ion:244 Resp: 1544756
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 3700
 Delta R.T. -0.008 min
 Lab File: BG054994.D
 Acq: 21 Sep 2022 13:05

Tgt Ion:264 Resp: 318593
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 22.0 16.9 25.3

