

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054980.D
 Acq On : 20 Sep 2022 10:17
 Operator : CG/JU
 Sample : PB147503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 14:27:56 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)

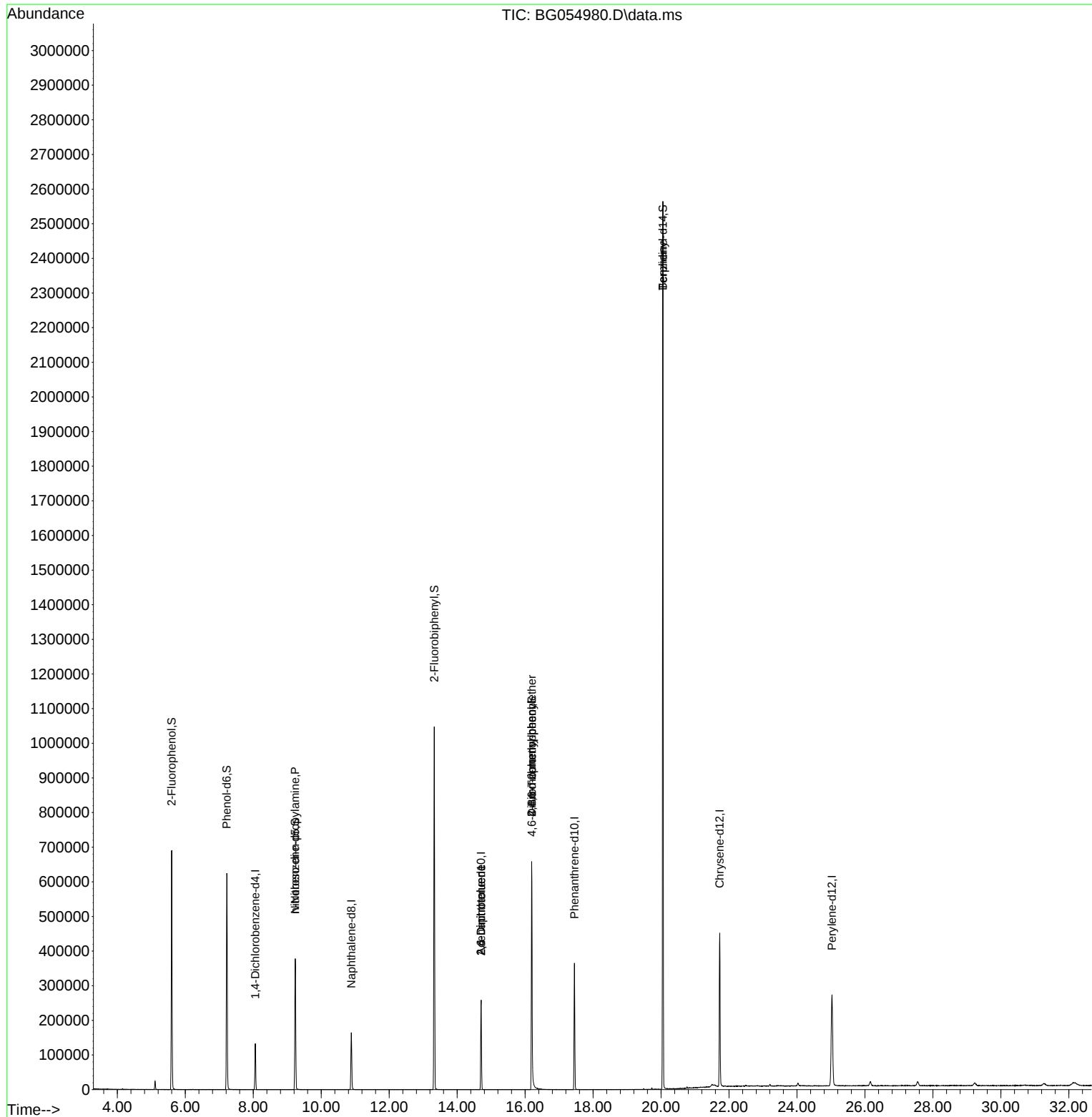
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	41106	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	160497	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	99802	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	250173	20.000	ng	0.00
76) Chrysene-d12	21.726	240	292828	20.000	ng	0.00
86) Perylene-d12	25.028	264	302800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	337432	160.621	ng	0.00
7) Phenol-d6	7.220	99	421679	149.752	ng	0.00
23) Nitrobenzene-d5	9.235	82	247391	89.343	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	174661	149.388	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	596788	94.239	ng	0.00
79) Terphenyl-d14	20.052	244	1305823	93.282	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.235	70	30610	15.794	ng	# 76
51) 2,6-Dinitrotoluene	14.705	165	12873	8.012	ng	# 20
57) 2,4-Dinitrotoluene	14.705	165	12873	5.632	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.198	198	311	5.208	ng	# 1
67) 4-Bromophenyl-phenylether	16.192	248	10326	3.743	ng	# 1
77) Benzidine	20.052	184	18221	2.511	ng	# 90

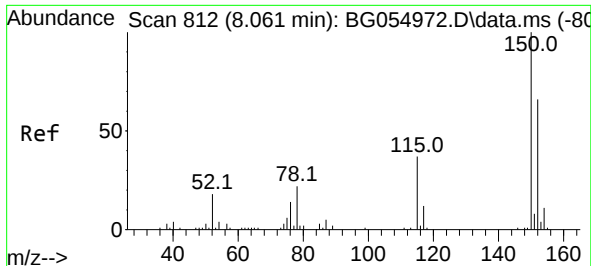
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054980.D
Acq On : 20 Sep 2022 10:17
Operator : CG/JU
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Misc :
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Instrument :
BNA_G
ClientSampleId :

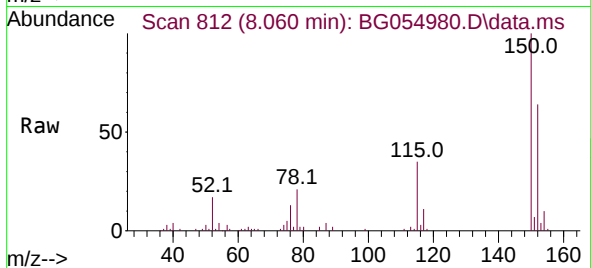
Quant Time: Sep 20 14:27:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration



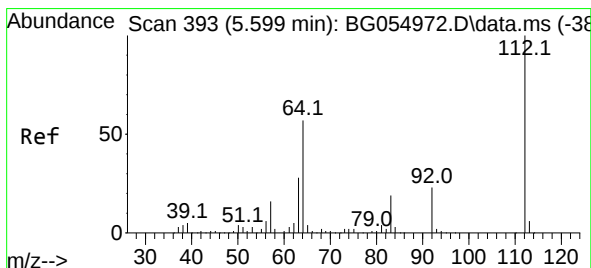
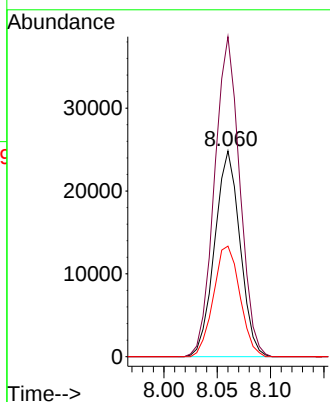
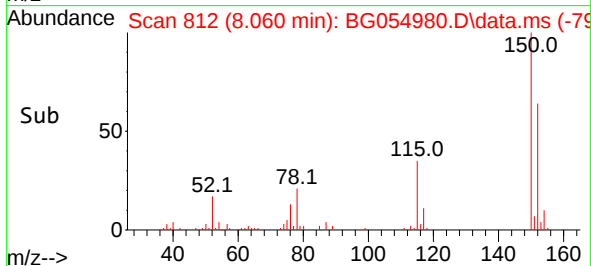


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 812
Delta R.T. -0.001 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

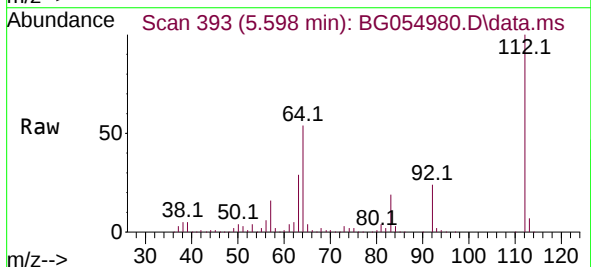
Instrument :
BNA_G
ClientSampleId :



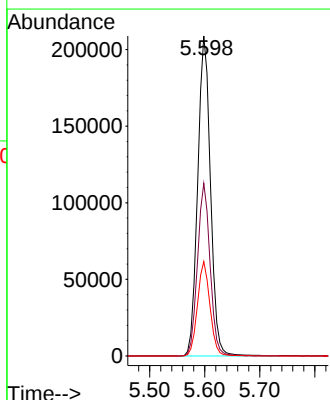
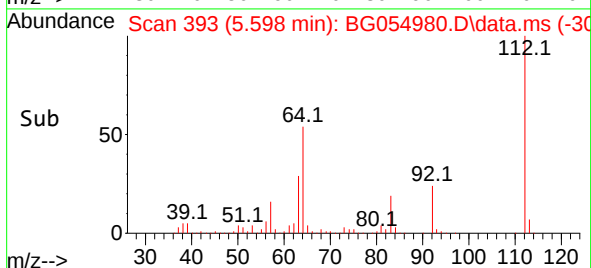
Tgt Ion:152 Resp: 41106
Ion Ratio Lower Upper
152 100
150 155.6 125.2 187.8
115 53.8 47.9 71.9

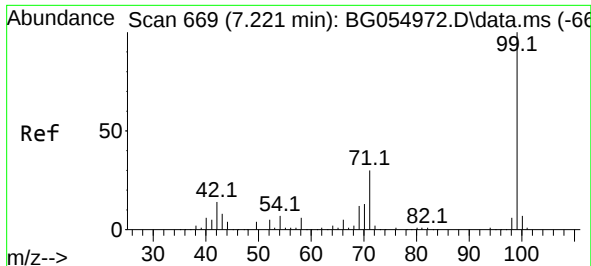


#5
2-Fluorophenol
Concen: 160.621 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17



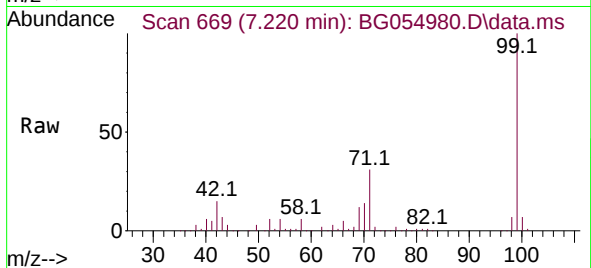
Tgt Ion:112 Resp: 337432
Ion Ratio Lower Upper
112 100
64 53.9 49.3 73.9
63 29.5 26.3 39.5



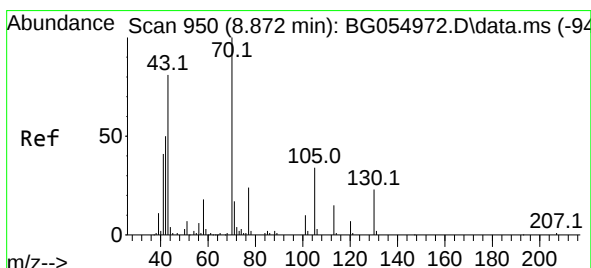
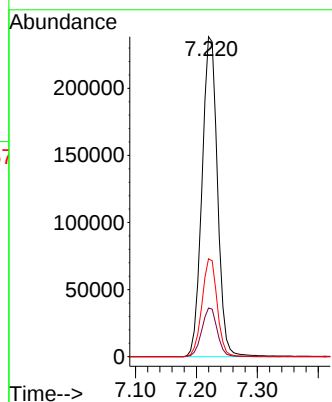
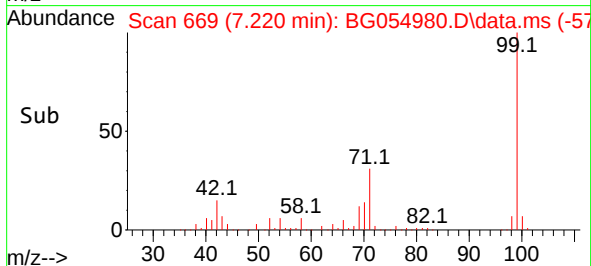


#7
Phenol-d6
Concen: 149.752 ng
RT: 7.220 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

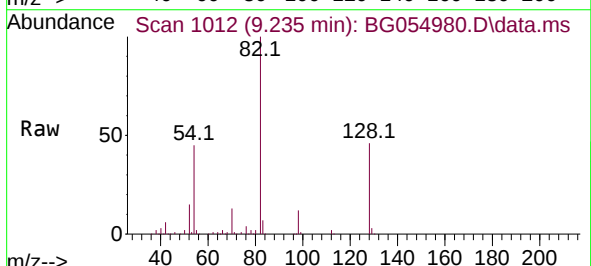
Instrument :
BNA_G
ClientSampleId :



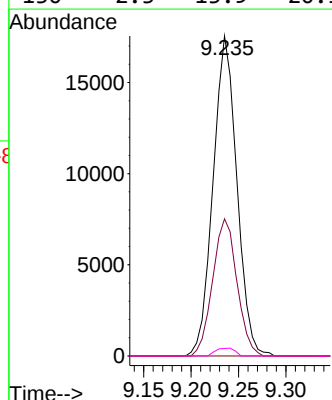
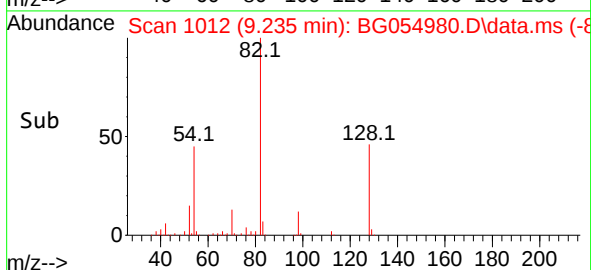
Tgt Ion: 99 Resp: 421679
Ion Ratio Lower Upper
99 100
42 15.2 14.6 22.0
71 30.6 24.6 37.0

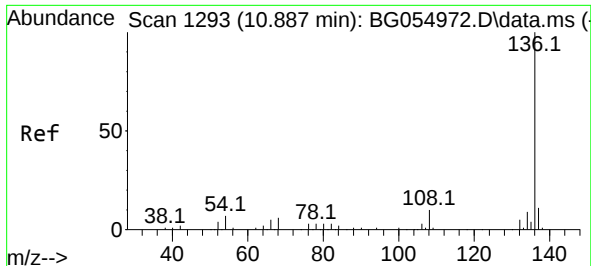


#19
n-Nitroso-di-n-propylamine
Concen: 15.794 ng
RT: 9.235 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17



Tgt Ion: 70 Resp: 30610
Ion Ratio Lower Upper
70 100
42 42.9 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

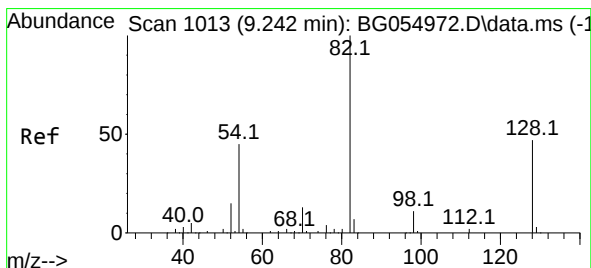
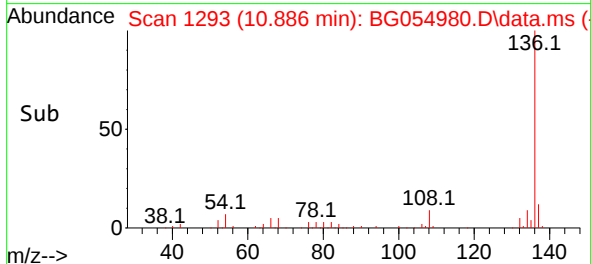
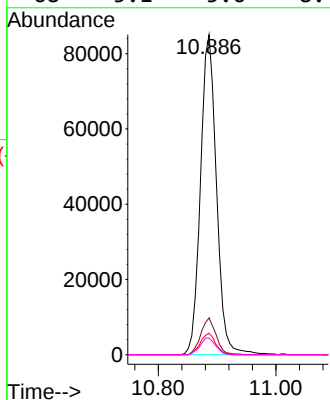
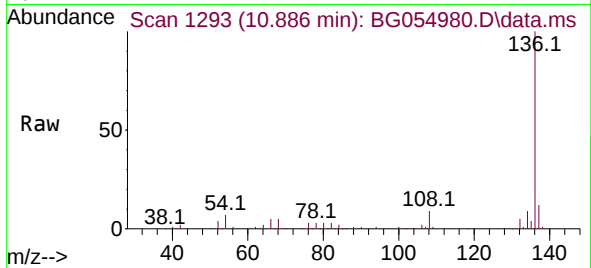




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1012
Delta R.T. -0.001 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

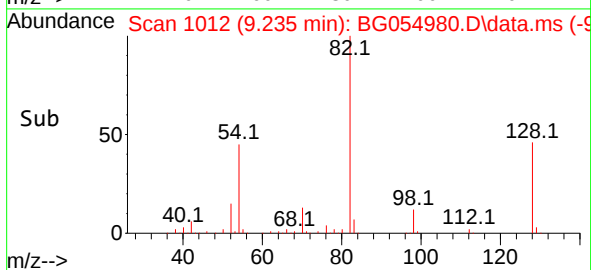
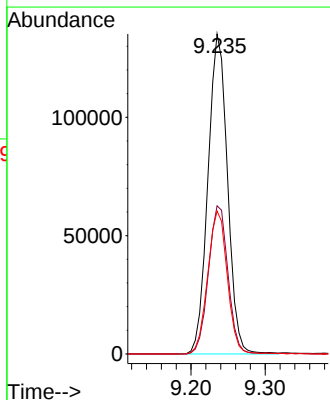
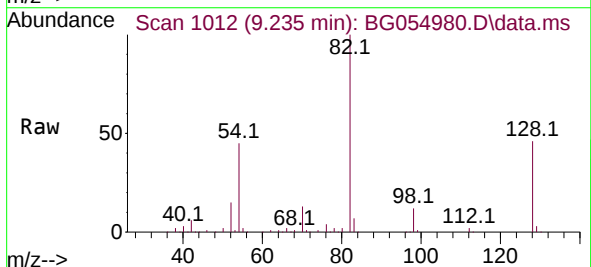
Instrument :
BNA_G
ClientSampleId :

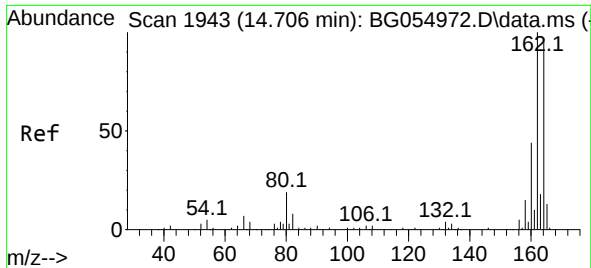
Tgt Ion:136 Resp: 160497
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.7 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 89.343 ng
RT: 9.235 min Scan# 1012
Delta R.T. -0.007 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

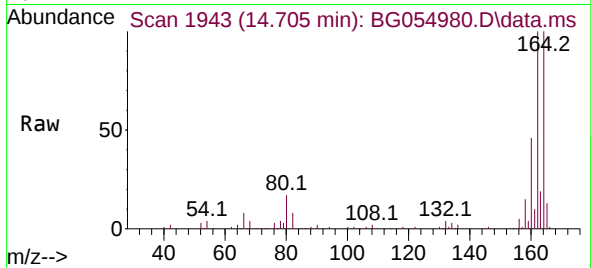
Tgt Ion: 82 Resp: 247391
Ion Ratio Lower Upper
82 100
128 46.3 32.2 48.2
54 44.6 41.4 62.0



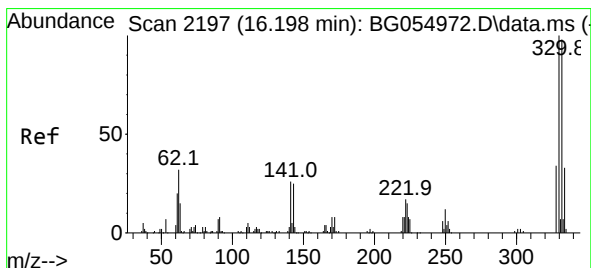
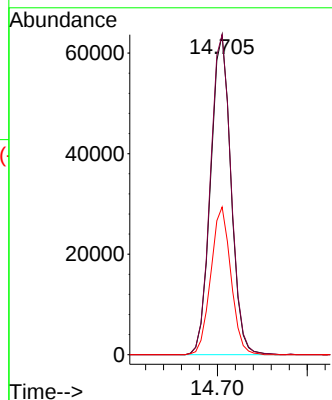
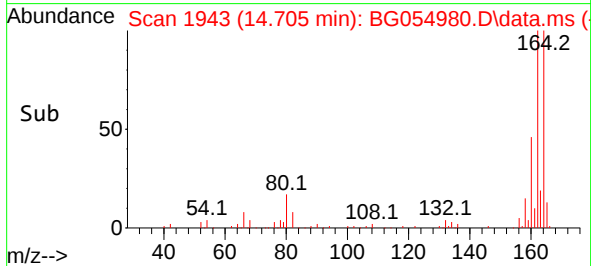


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

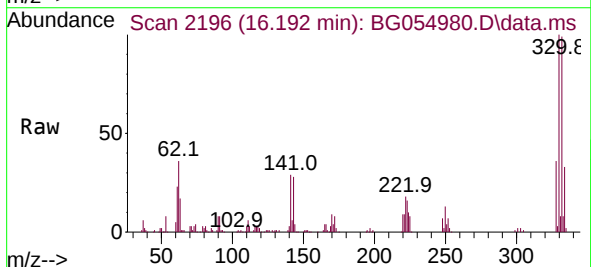
Instrument :
BNA_G
ClientSampleId :



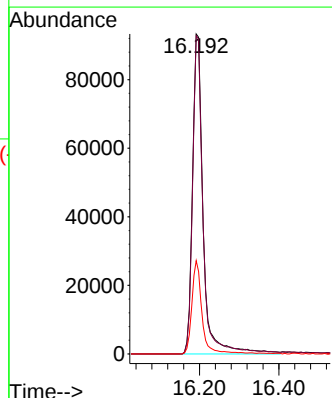
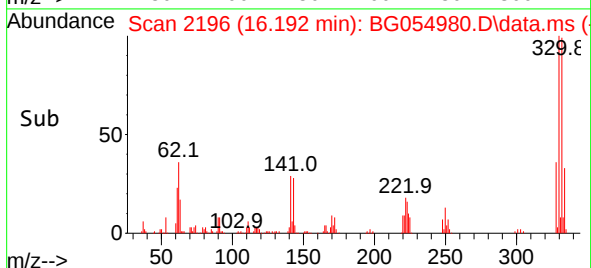
Tgt Ion:164 Resp: 99802
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 46.2 38.0 57.0

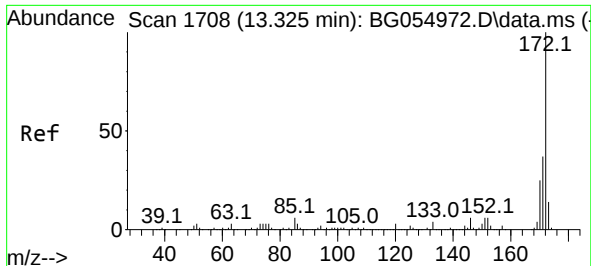


#42
2,4,6-Tribromophenol
Concen: 149.388 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17



Tgt Ion:330 Resp: 174661
Ion Ratio Lower Upper
330 100
332 94.9 79.8 119.6
141 27.4 26.8 40.2

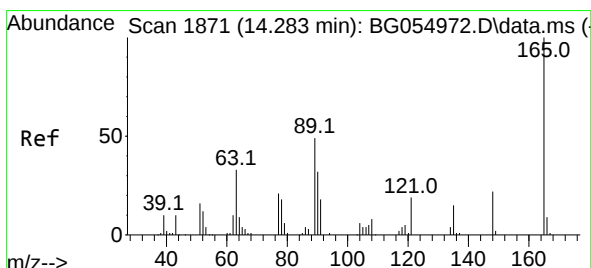
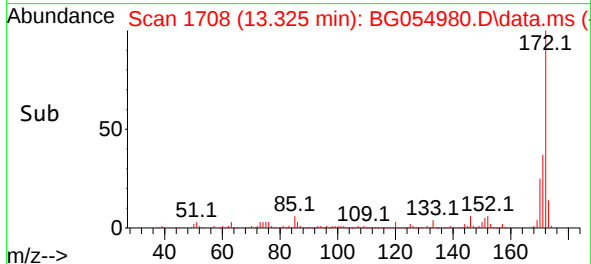
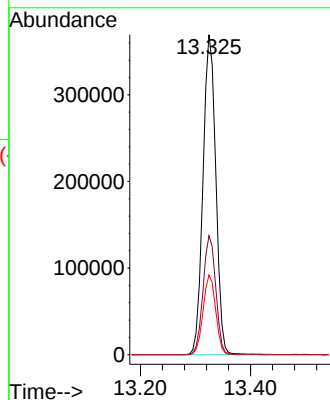
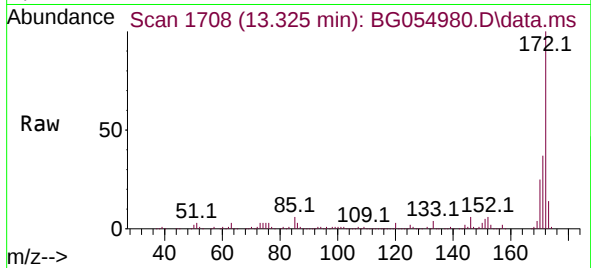




#45
 2-Fluorobiphenyl
 Concen: 94.239 ng
 RT: 13.325 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG054980.D
 Acq: 20 Sep 2022 10:17

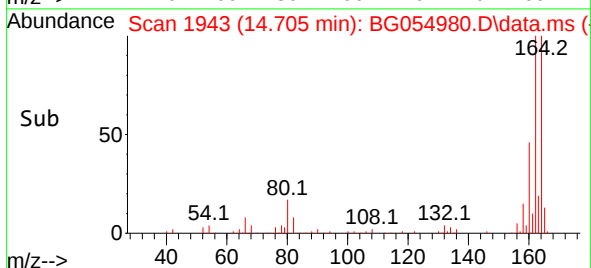
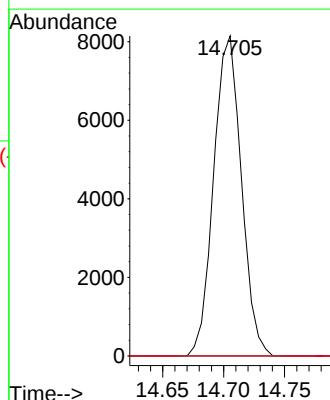
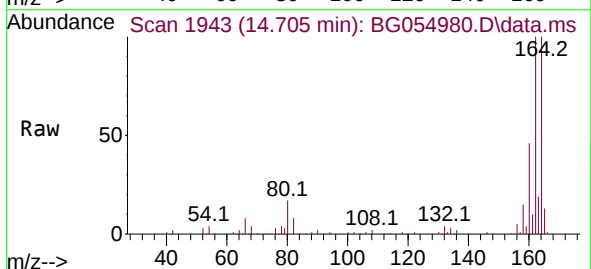
Instrument :
 BNA_G
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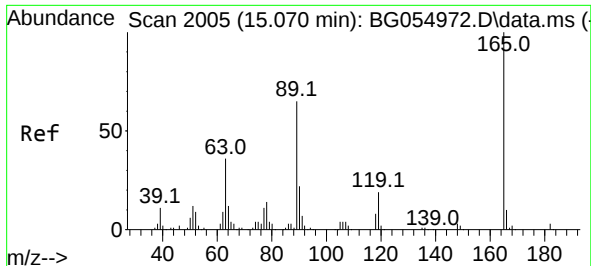
Tgt Ion:172 Resp: 596788
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.2 46.8
 170 24.9 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.012 ng
 RT: 14.705 min Scan# 1943
 Delta R.T. 0.422 min
 Lab File: BG054980.D
 Acq: 20 Sep 2022 10:17

Tgt Ion:165 Resp: 12873
 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: 5.632 ng

RT: 14.705 min Scan# 1943

Delta R.T. -0.365 min

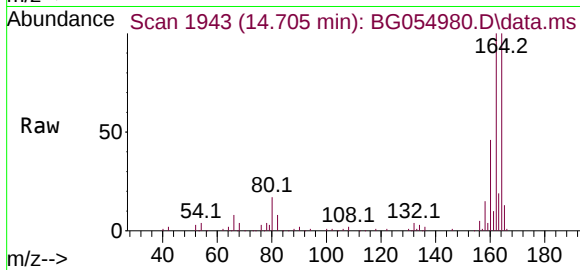
Lab File: BG054980.D

Acq: 20 Sep 2022 10:17

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12873

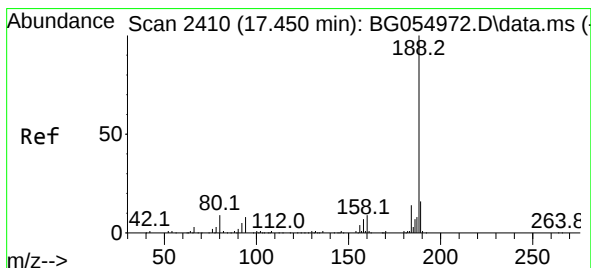
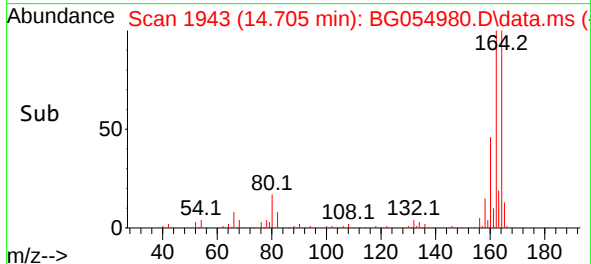
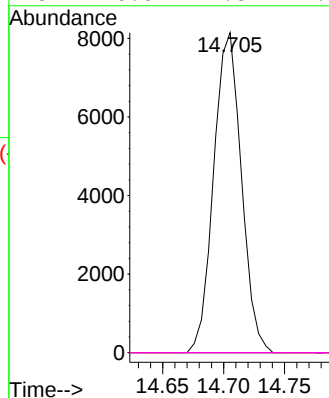
Ion Ratio Lower Upper

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: 17.449 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BG054980.D

Acq: 20 Sep 2022 10:17

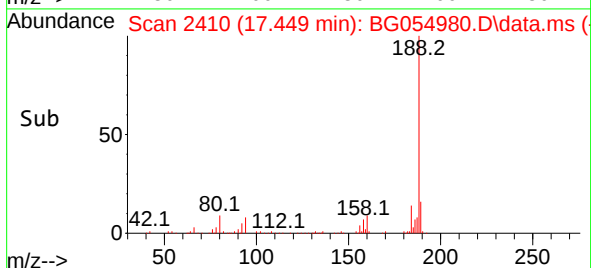
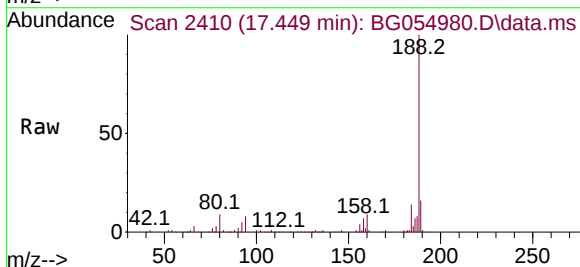
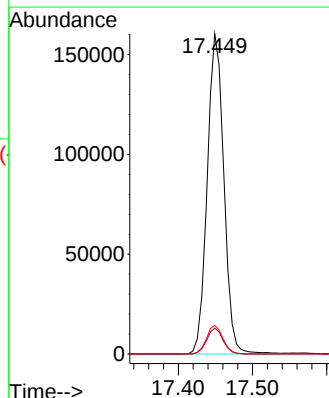
Tgt Ion:188 Resp: 250173

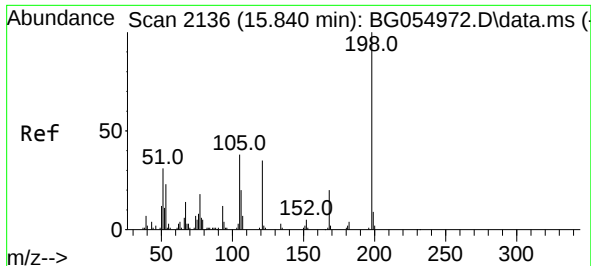
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 8.9 7.9 11.9

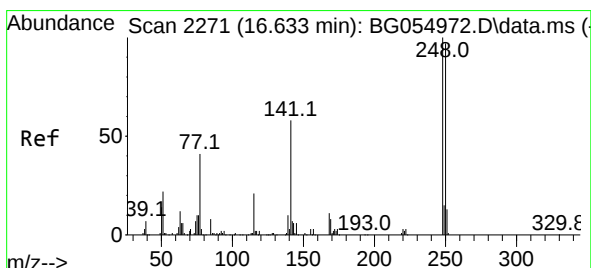
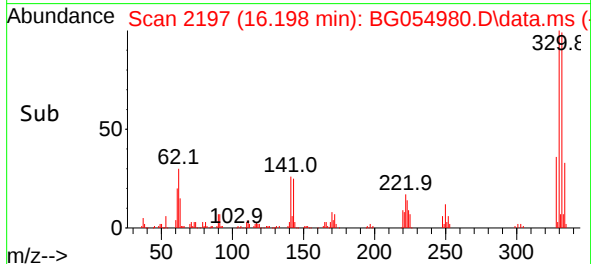
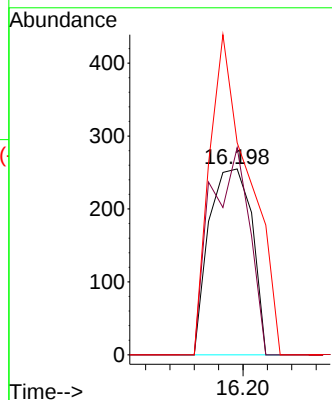
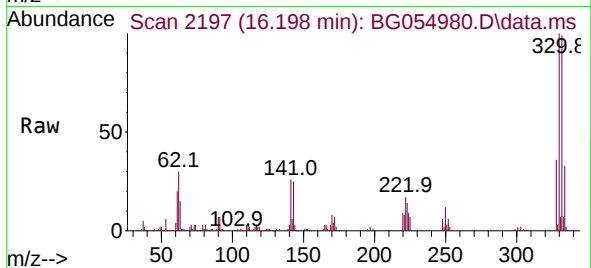




#65
4,6-Dinitro-2-methylphenol
Concen: 5.208 ng
RT: 16.198 min Scan# 2136
Delta R.T. 0.358 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

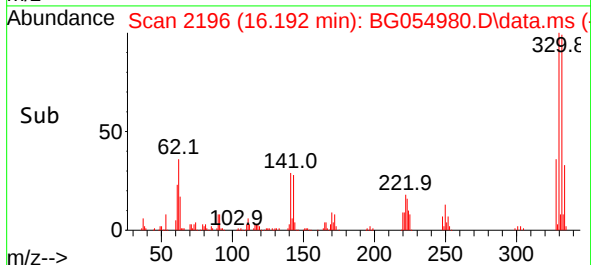
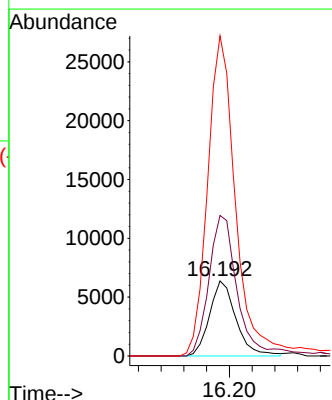
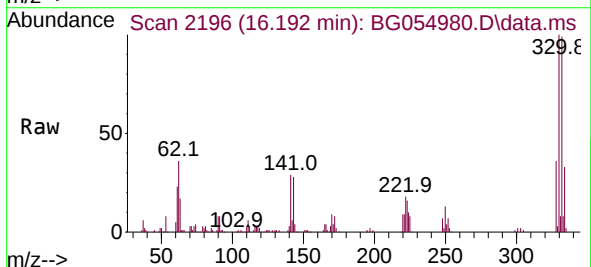
Instrument :
BNA_G
ClientSampleId :

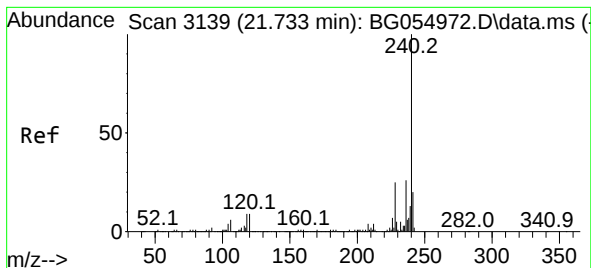
Tgt Ion:198 Resp: 311
Ion Ratio Lower Upper
198 100
51 111.4 19.9 59.9#
105 114.1 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.441 min
Lab File: BG054980.D
Acq: 20 Sep 2022 10:17

Tgt Ion:248 Resp: 10326
Ion Ratio Lower Upper
248 100
250 187.2 78.8 118.2#
141 426.4 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.726 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054980.D

Acq: 20 Sep 2022 10:17

Instrument :

BNA_G

ClientSampleId :

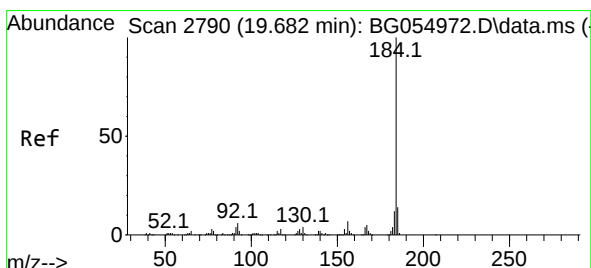
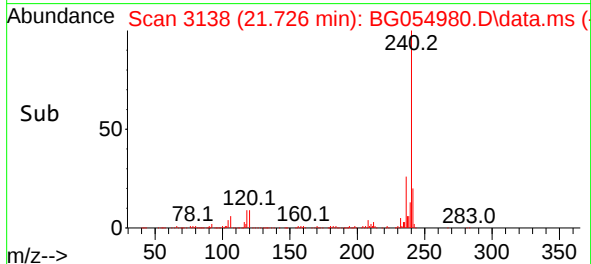
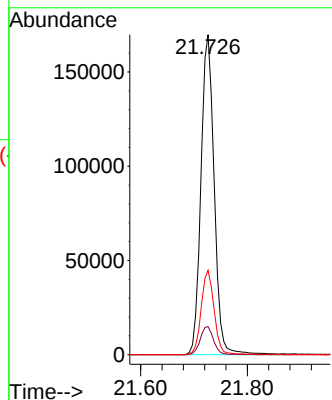
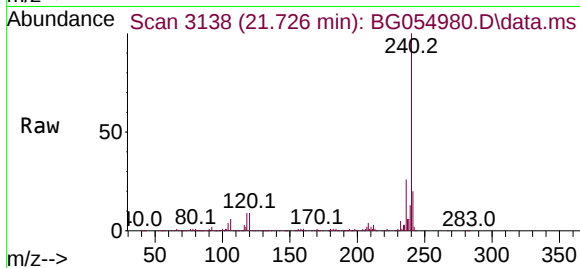
Tgt Ion:240 Resp: 292828

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.4

236 26.4 21.2 31.8



#77

Benzidine

Concen: 2.511 ng

RT: 20.052 min Scan# 2853

Delta R.T. 0.370 min

Lab File: BG054980.D

Acq: 20 Sep 2022 10:17

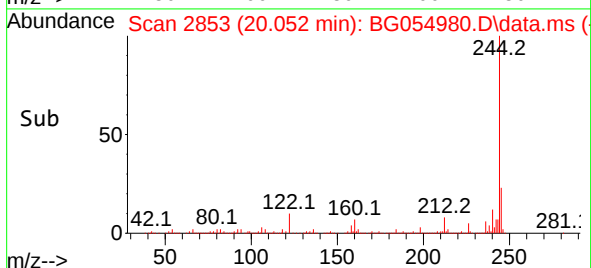
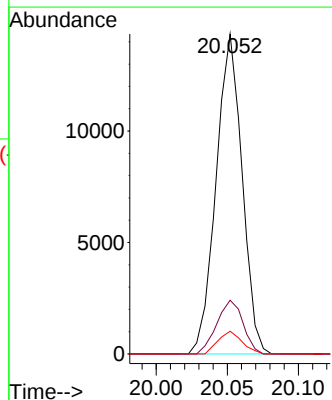
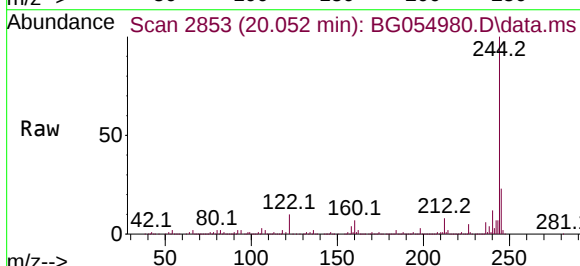
Tgt Ion:184 Resp: 18221

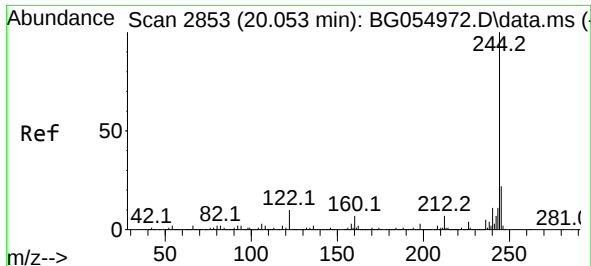
Ion Ratio Lower Upper

184 100

185 16.8 11.4 17.0

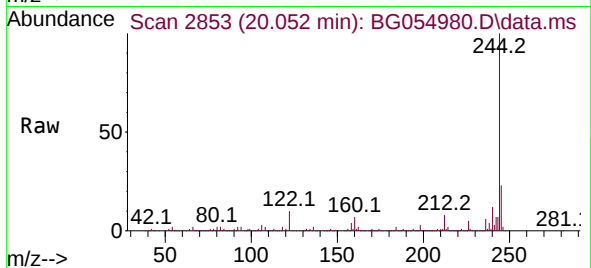
183 7.1 9.8 14.8#



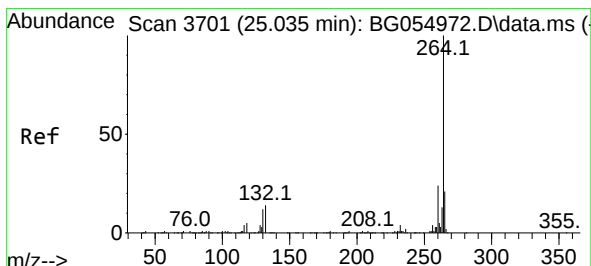
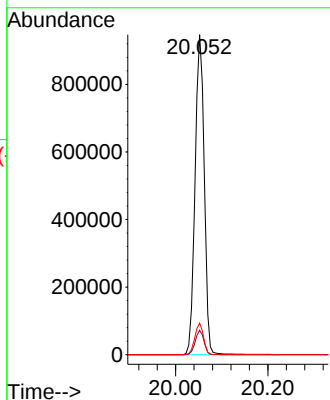
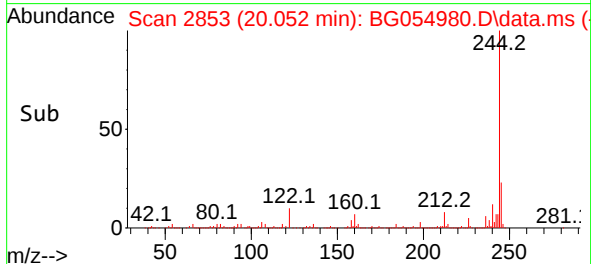


#79
 Terphenyl-d14
 Concen: 93.282 ng
 RT: 20.052 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054980.D
 Acq: 20 Sep 2022 10:17

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1305823
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.028 min Scan# 3700
 Delta R.T. -0.007 min
 Lab File: BG054980.D
 Acq: 20 Sep 2022 10:17

Tgt Ion:264 Resp: 302800
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.5 16.9 25.3

