

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054983.D
 Acq On : 20 Sep 2022 12:34
 Operator : CG/JU
 Sample : N4697-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 14:28:56 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)

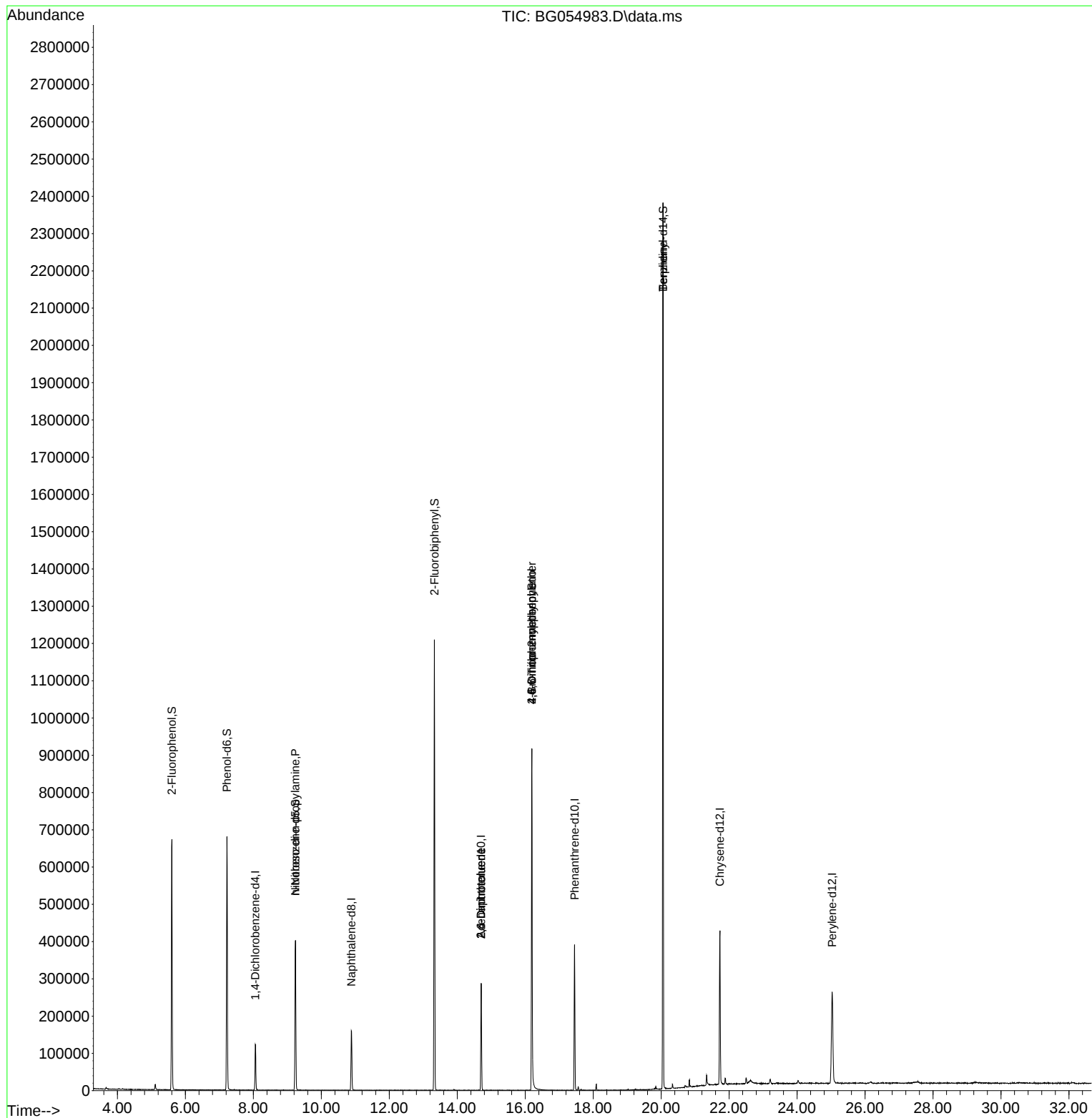
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	38206	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	154134	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	107073	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	262290	20.000	ng	0.00
76) Chrysene-d12	21.730	240	270262	20.000	ng	0.00
86) Perylene-d12	25.032	264	281339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	334590	171.357	ng	0.00
7) Phenol-d6	7.224	99	444139	169.700	ng	0.00
23) Nitrobenzene-d5	9.239	82	258585	97.240	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	222509	177.389	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	654874	96.389	ng	0.00
79) Terphenyl-d14	20.056	244	1191051	92.187	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.239	70	32289	17.925	ng	# 76
51) 2,6-Dinitrotoluene	14.703	165	14000	8.121	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	14000	5.710	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.196	198	468	5.303	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	13643	4.716	ng	# 1
77) Benzidine	20.056	184	17005	2.540	ng	# 92

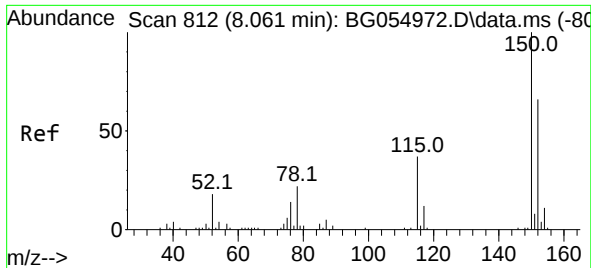
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
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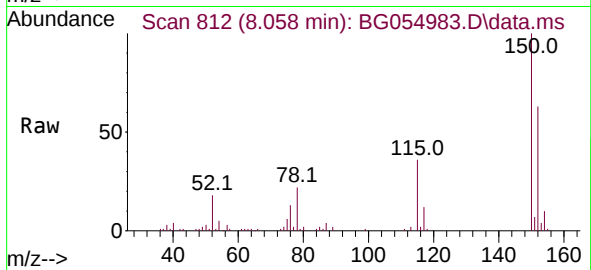
Quant Time: Sep 20 14:28:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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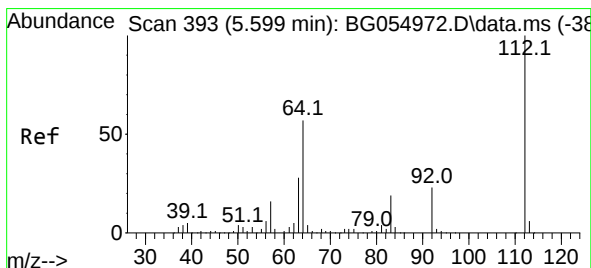
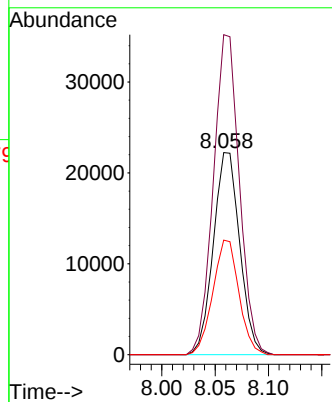
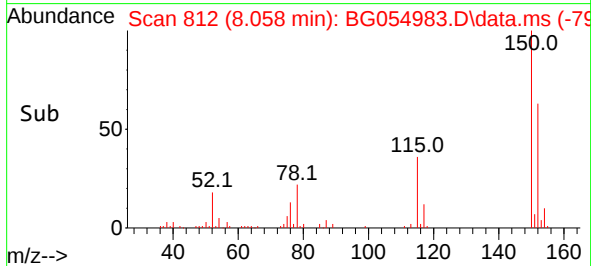


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

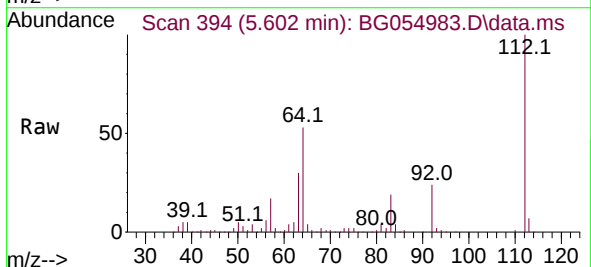
Instrument :
BNA_G
ClientSampleId :



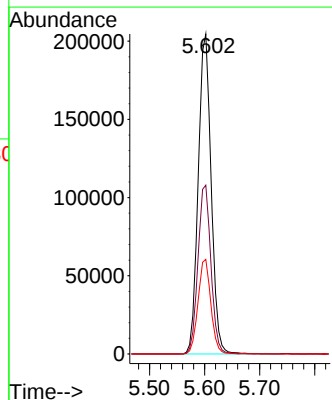
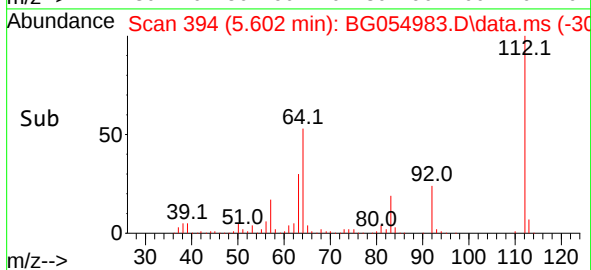
Tgt Ion:152 Resp: 38206
Ion Ratio Lower Upper
152 100
150 158.4 125.2 187.8
115 56.7 47.9 71.9

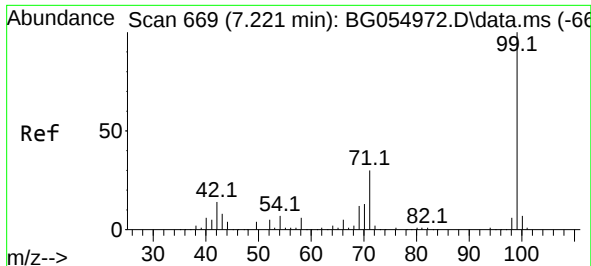


#5
2-Fluorophenol
Concen: 171.357 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34



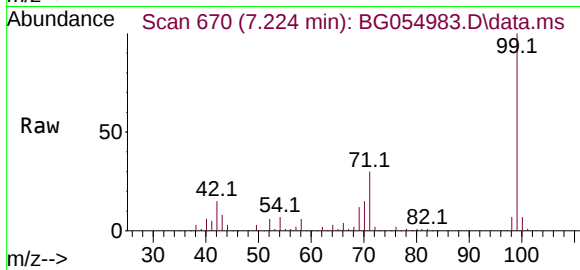
Tgt Ion:112 Resp: 334590
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 29.6 26.3 39.5



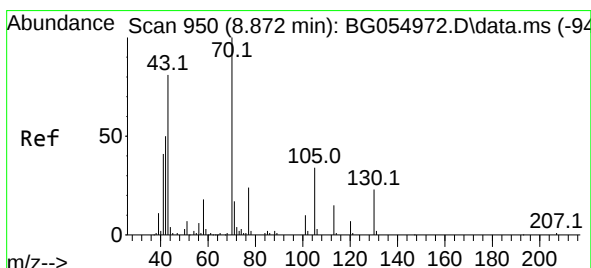
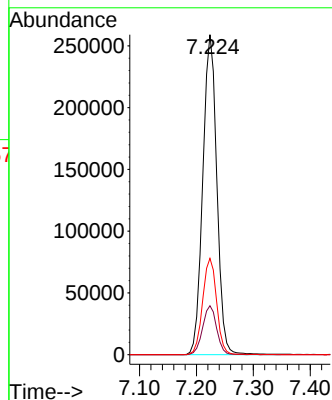
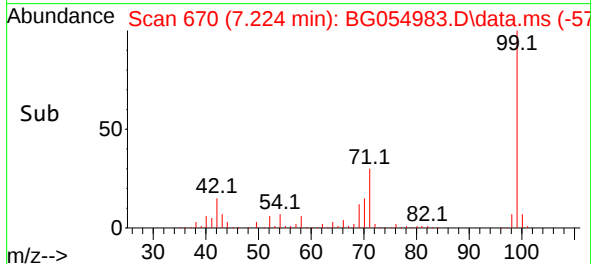


#7
Phenol-d6
Concen: 169.700 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

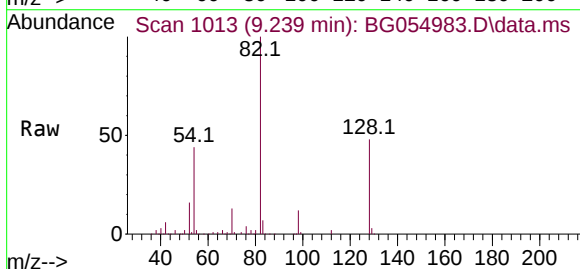
Instrument :
BNA_G
ClientSampleId :



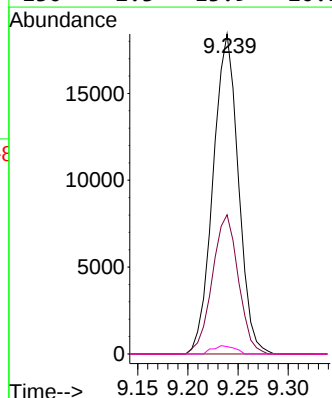
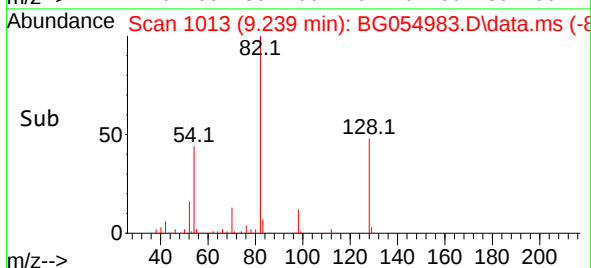
Tgt Ion: 99 Resp: 444139
Ion Ratio Lower Upper
99 100
42 15.3 14.6 22.0
71 30.1 24.6 37.0

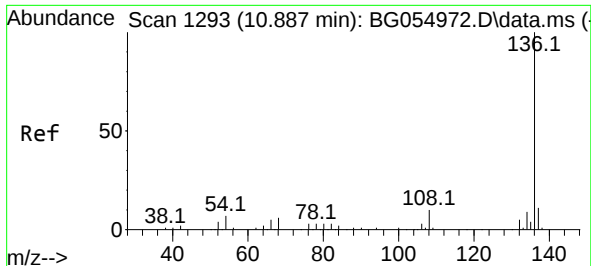


#19
n-Nitroso-di-n-propylamine
Concen: 17.925 ng
RT: 9.239 min Scan# 1013
Delta R.T. 0.367 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34



Tgt Ion: 70 Resp: 32289
Ion Ratio Lower Upper
70 100
42 43.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

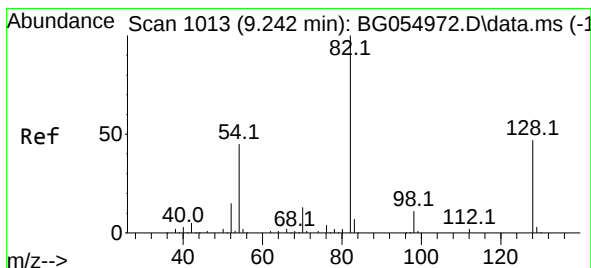
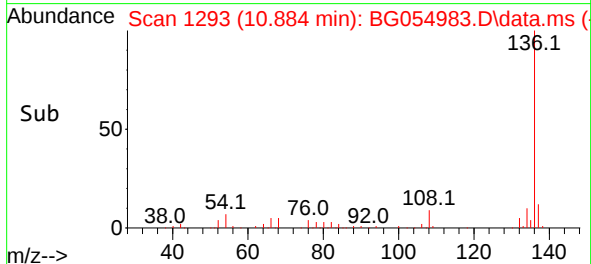
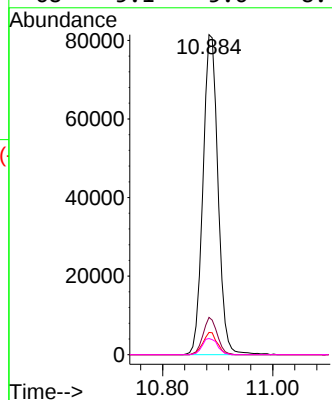
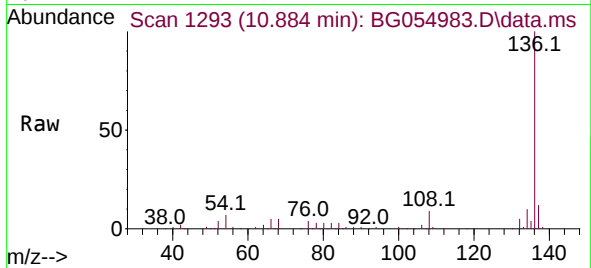




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

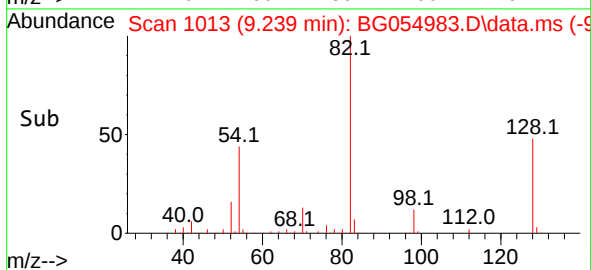
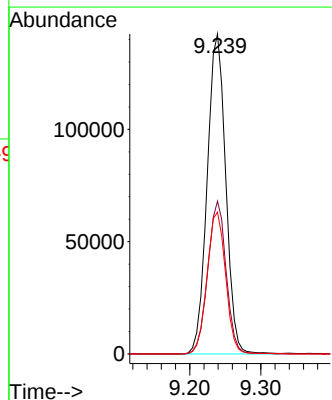
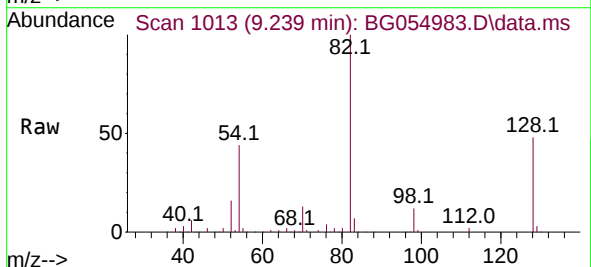
Instrument :
BNA_G
ClientSampleId :

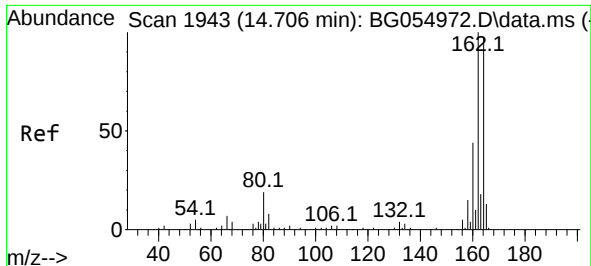
Tgt Ion:136 Resp: 154134
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 6.9 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 97.240 ng
RT: 9.239 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

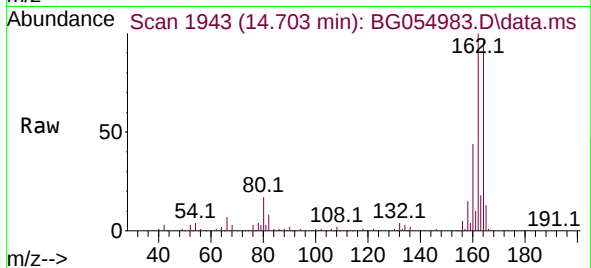
Tgt Ion: 82 Resp: 258585
Ion Ratio Lower Upper
82 100
128 47.8 32.2 48.2
54 44.3 41.4 62.0



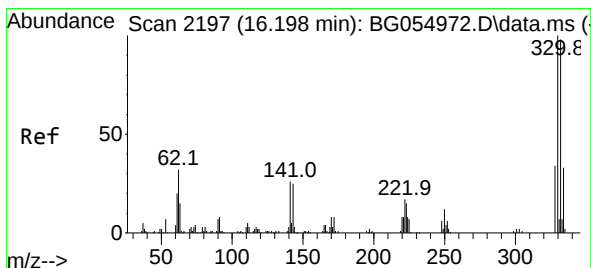
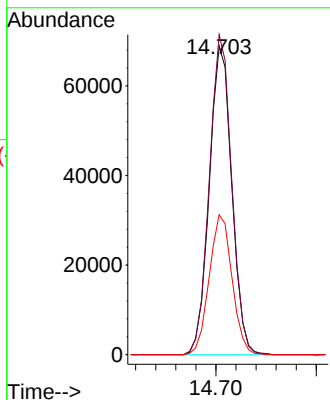
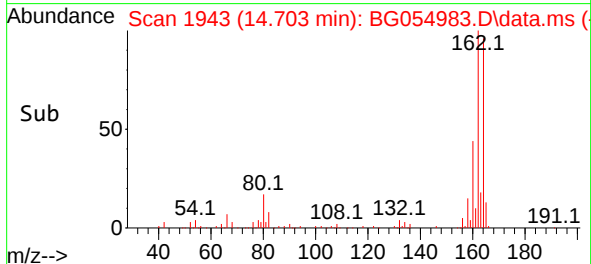


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

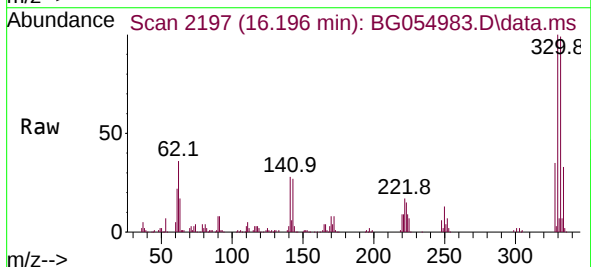
Instrument :
BNA_G
ClientSampleId :



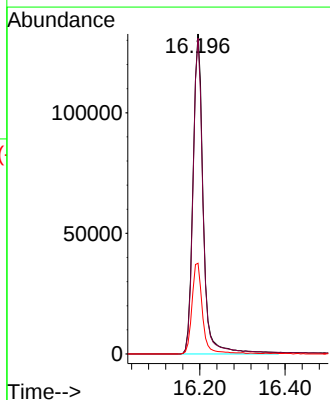
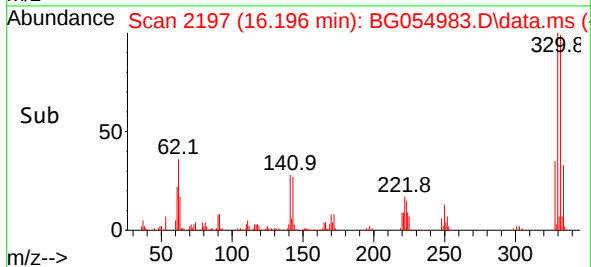
Tgt Ion:164 Resp: 107073
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 45.4 38.0 57.0

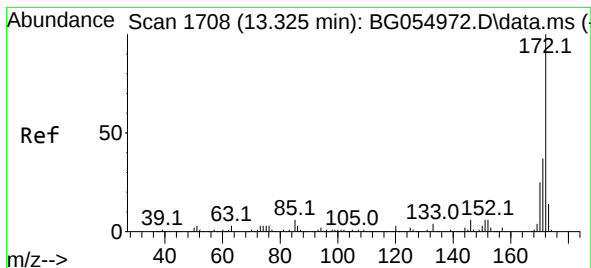


#42
2,4,6-Tribromophenol
Concen: 177.389 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34



Tgt Ion:330 Resp: 222509
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 29.1 26.8 40.2

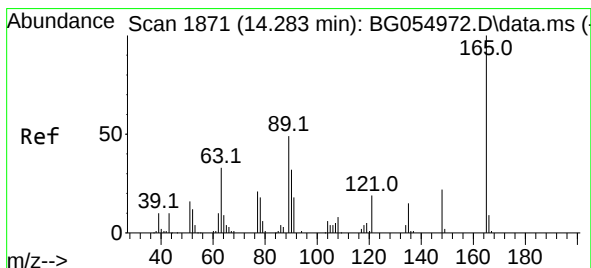
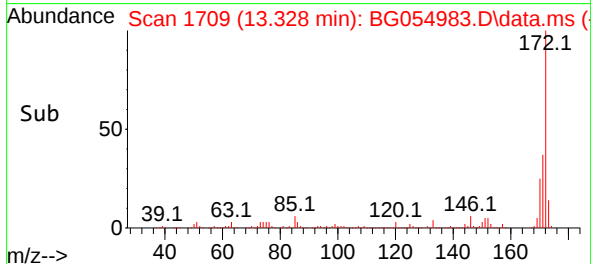
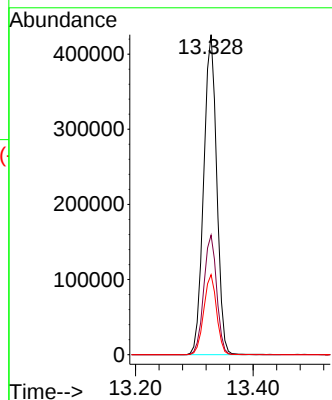
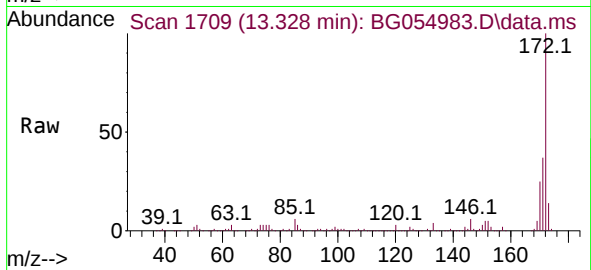




#45
2-Fluorobiphenyl
Concen: 96.389 ng
RT: 13.328 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

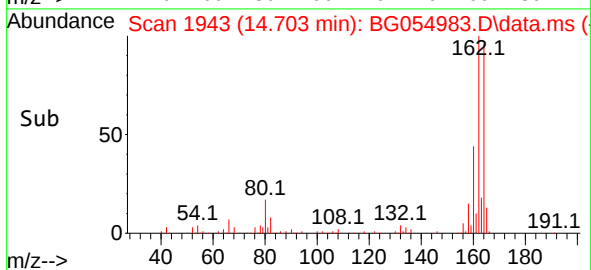
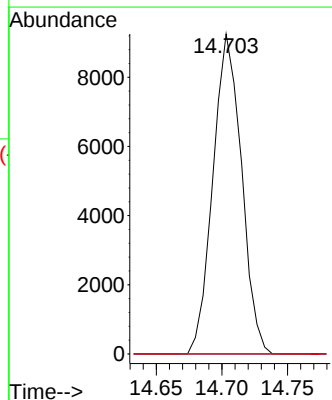
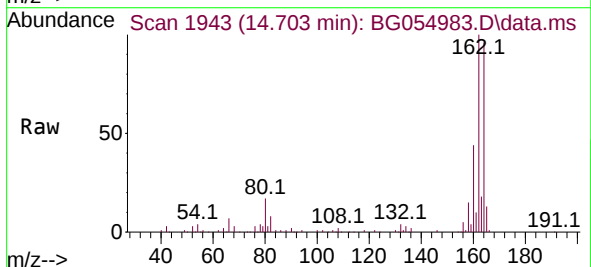
Instrument :
BNA_G
ClientSampleId :

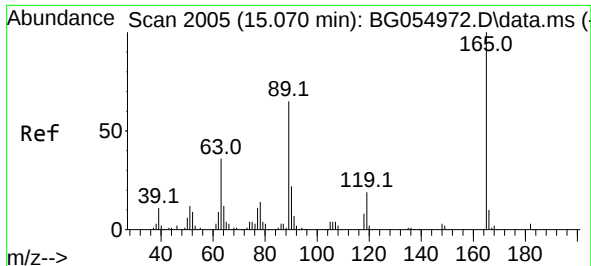
Tgt Ion:172 Resp: 654874
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.121 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

Tgt Ion:165 Resp: 14000
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: 5.710 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

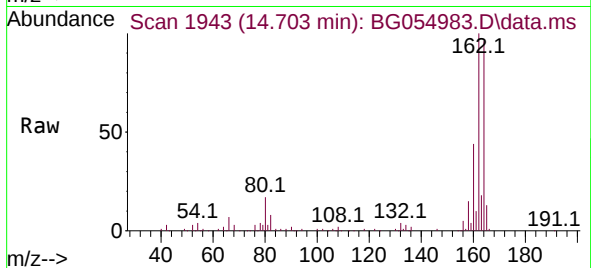
Lab File: BG054983.D

Acq: 20 Sep 2022 12:34

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 14000

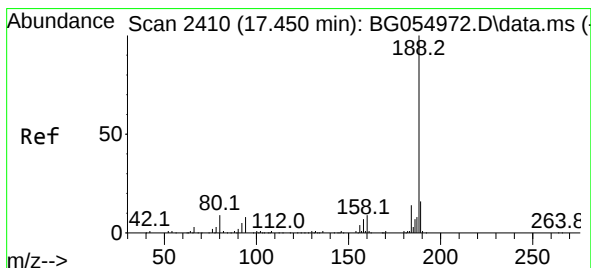
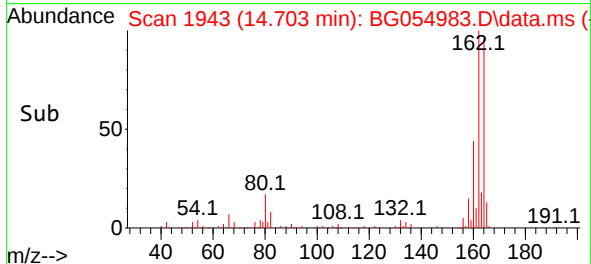
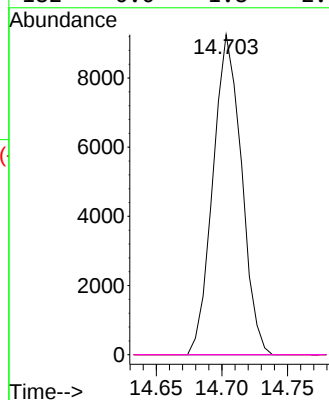
Ion Ratio Lower Upper

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: 17.453 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG054983.D

Acq: 20 Sep 2022 12:34

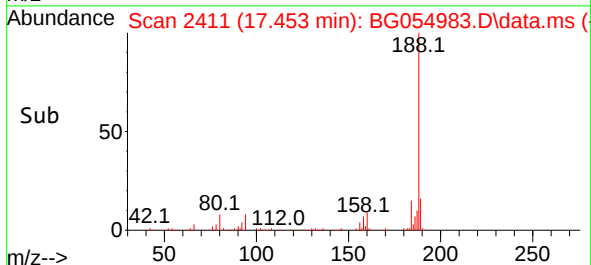
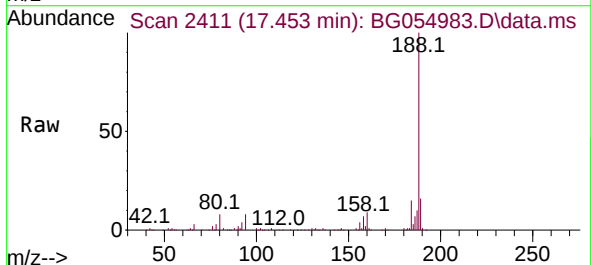
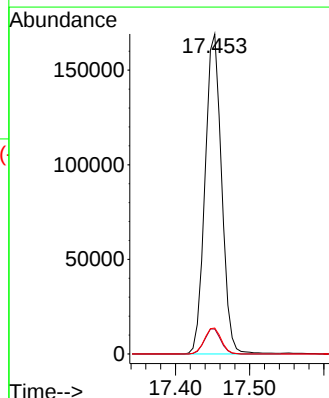
Tgt Ion:188 Resp: 262290

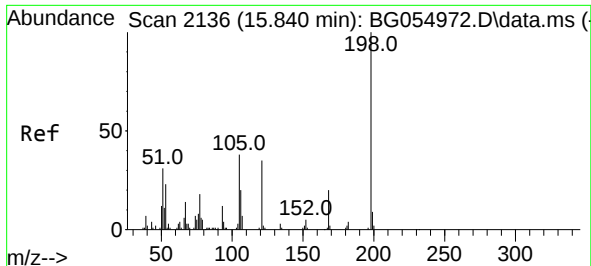
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.1 7.9 11.9



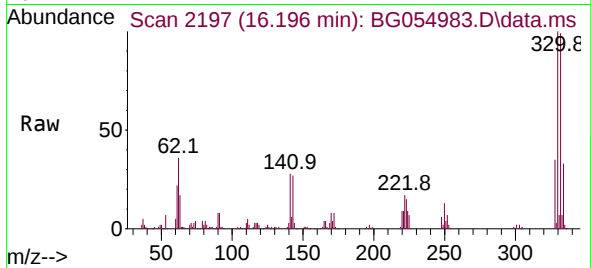


#65
4,6-Dinitro-2-methylphenol
Concen: 5.303 ng
RT: 16.196 min Scan# 2197
Delta R.T. 0.356 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

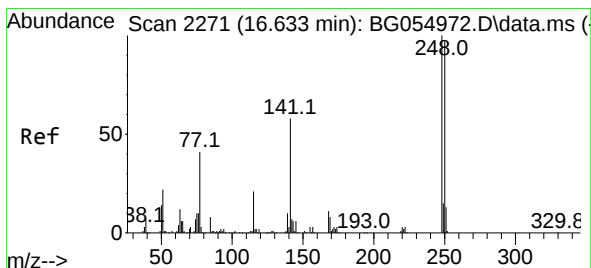
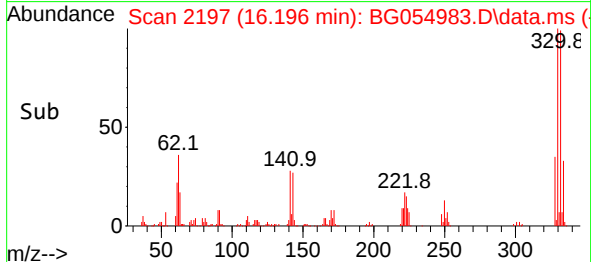
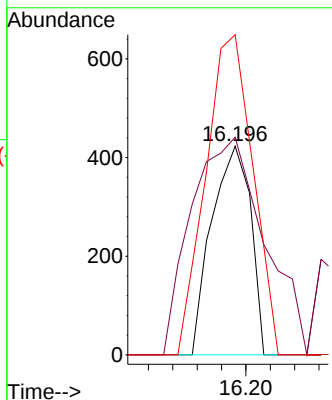
Instrument :

BNA_G

ClientSampleId :

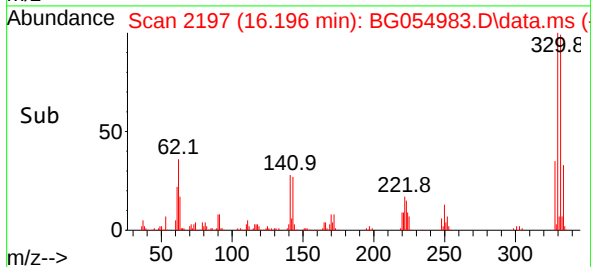
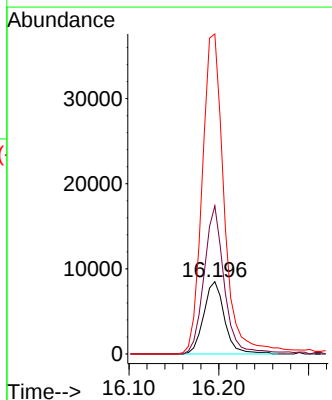
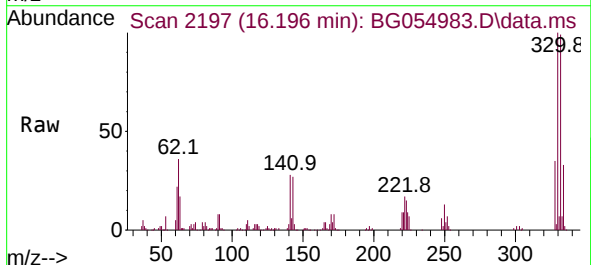


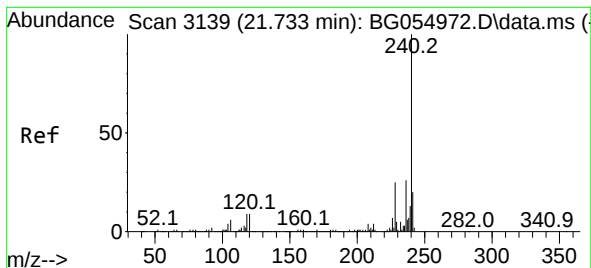
Tgt Ion:198 Resp: 468
Ion Ratio Lower Upper
198 100
51 104.3 19.9 59.9#
105 153.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.716 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.437 min
Lab File: BG054983.D
Acq: 20 Sep 2022 12:34

Tgt Ion:248 Resp: 13643
Ion Ratio Lower Upper
248 100
250 204.9 78.8 118.2#
141 442.5 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG054983.D

Acq: 20 Sep 2022 12:34

Instrument :

BNA_G

ClientSampleId :

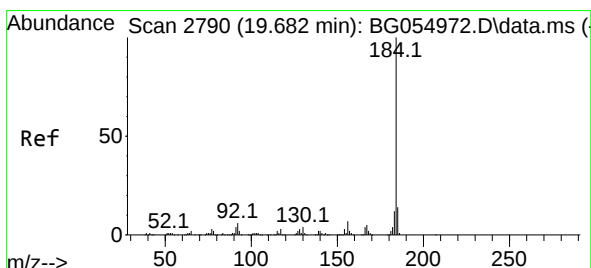
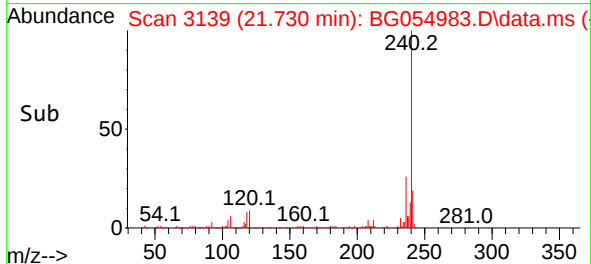
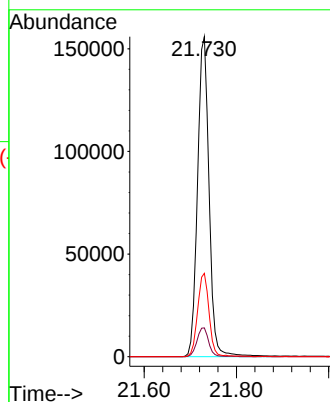
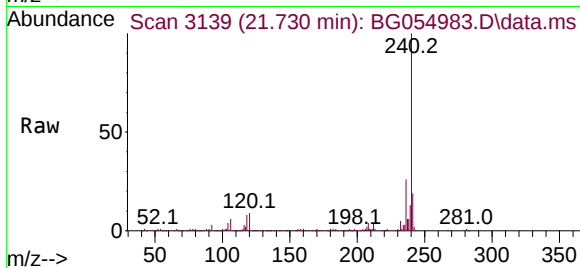
Tgt Ion:240 Resp: 270262

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.4

236 26.1 21.2 31.8



#77

Benzidine

Concen: 2.540 ng

RT: 20.056 min Scan# 2854

Delta R.T. 0.373 min

Lab File: BG054983.D

Acq: 20 Sep 2022 12:34

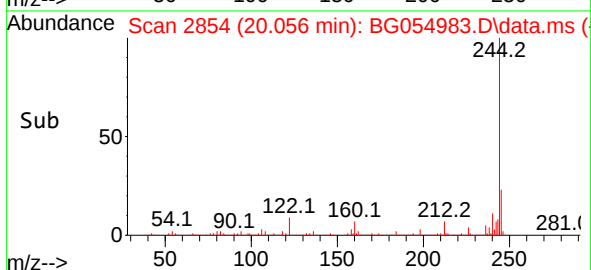
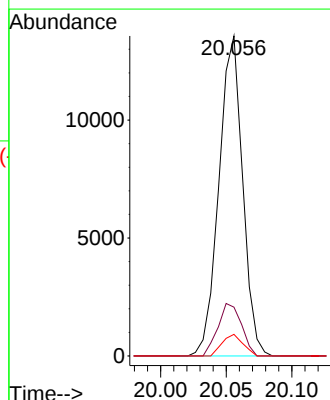
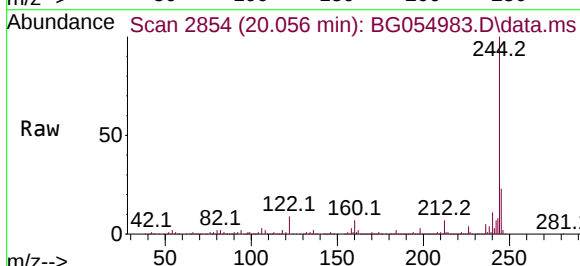
Tgt Ion:184 Resp: 17005

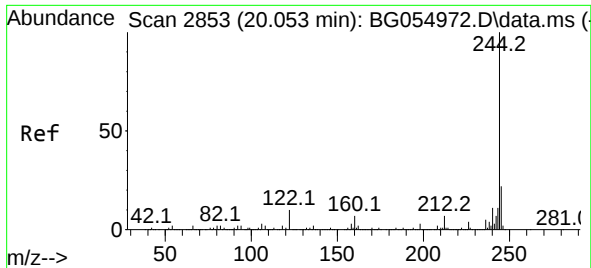
Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.0

183 6.7 9.8 14.8#

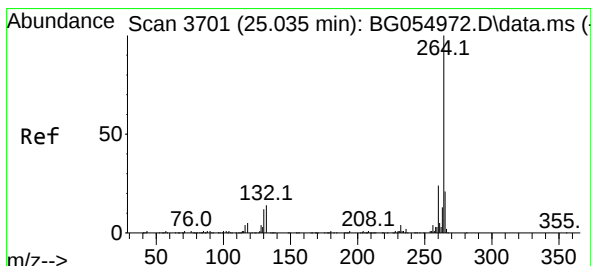
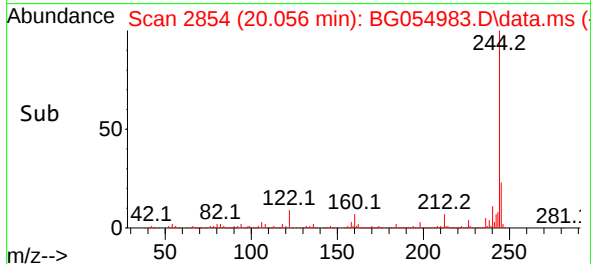
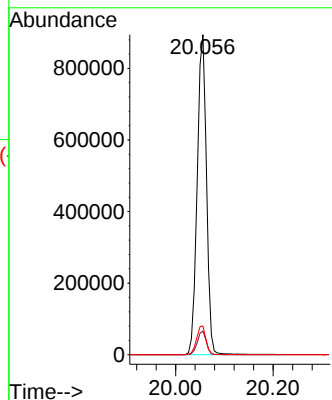
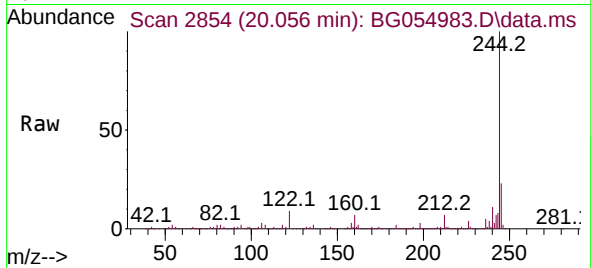




#79
 Terphenyl-d14
 Concen: 92.187 ng
 RT: 20.056 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054983.D
 Acq: 20 Sep 2022 12:34

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 1191051
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.032 min Scan# 3701
 Delta R.T. -0.003 min
 Lab File: BG054983.D
 Acq: 20 Sep 2022 12:34

Tgt Ion:264 Resp: 281339
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.5 16.9 25.3

