

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054398.D
 Acq On : 26 Jul 2022 14:50
 Operator : CG/JU
 Sample : N3839-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-5-(0-5)

Quant Time: Jul 27 04:33:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

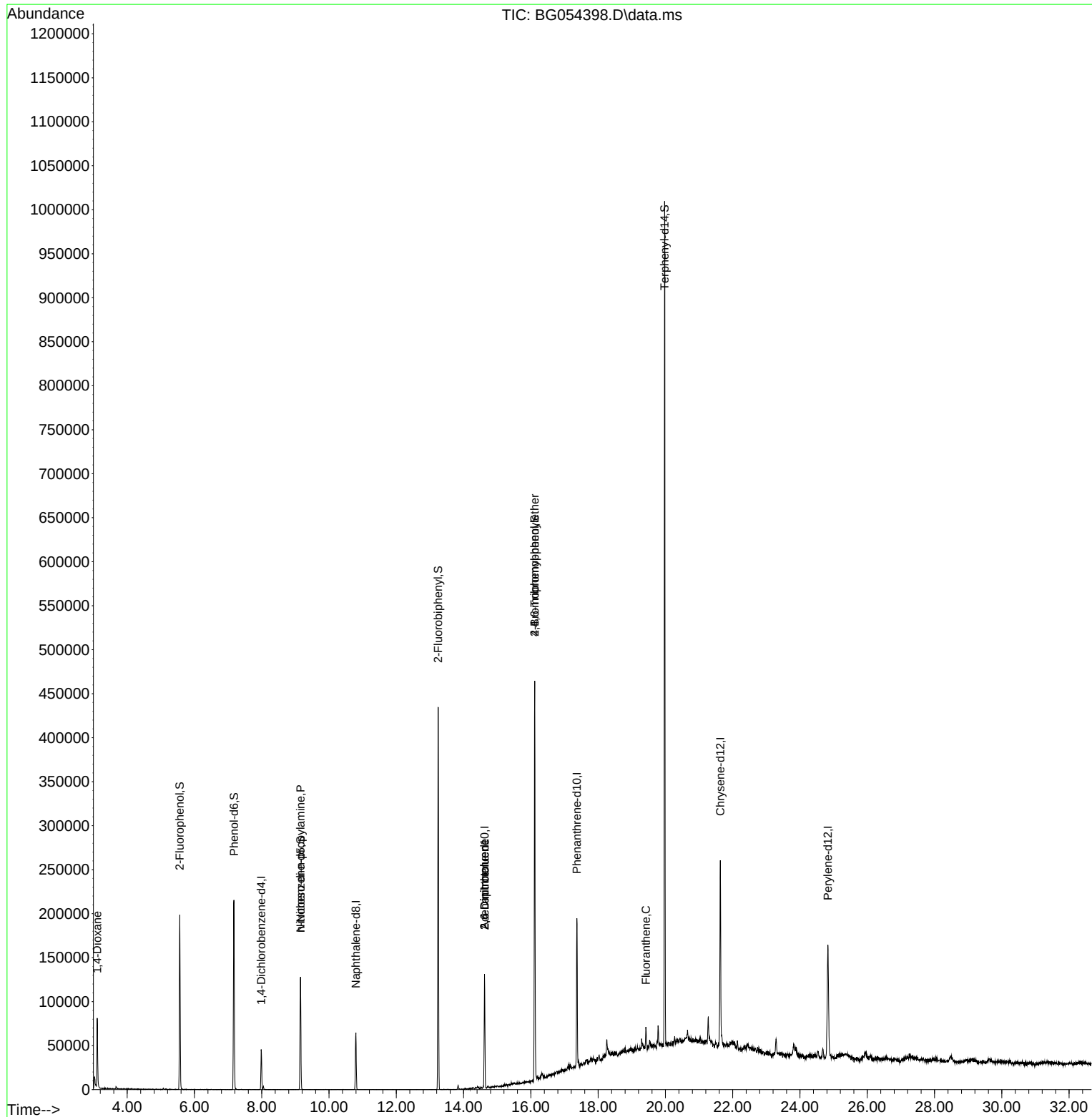
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	14910	20.000	ng	-0.02
21) Naphthalene-d8	10.797	136	59919	20.000	ng	#-0.01
39) Acenaphthene-d10	14.622	164	49062	20.000	ng	-0.01
64) Phenanthrene-d10	17.366	188	123312	20.000	ng	#-0.01
76) Chrysene-d12	21.632	240	141228	20.000	ng	#-0.01
86) Perylene-d12	24.828	264	150937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	90075	126.134	ng	0.00
7) Phenol-d6	7.172	99	126158	128.927	ng	0.00
23) Nitrobenzene-d5	9.152	82	79816	72.540	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	123432	119.823	ng	-0.01
45) 2-Fluorobiphenyl	13.241	172	258712	74.388	ng	-0.02
79) Terphenyl-d14	19.975	244	557325	78.286	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.106	88	763	2.686	ng	# 1
9) Benzaldehyde	7.178	77	63	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.152	70	11665	17.852	ng	# 82
51) 2,6-Dinitrotoluene	14.622	165	6443	7.665	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	6443	5.347	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7797	4.502	ng	# 1
75) Fluoranthene	19.422	202	17317	2.069	ng	94

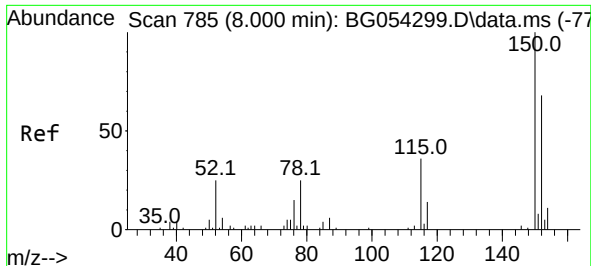
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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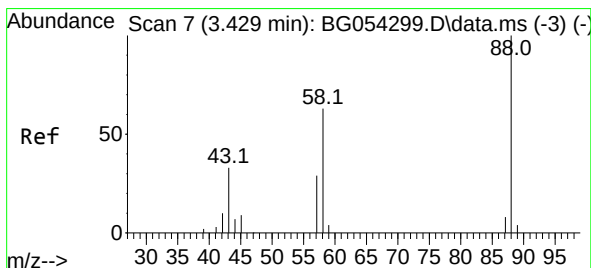
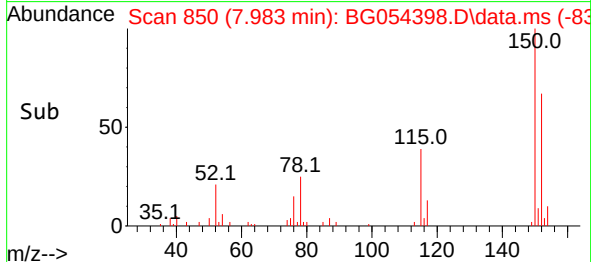
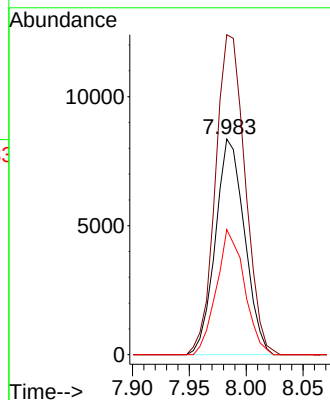
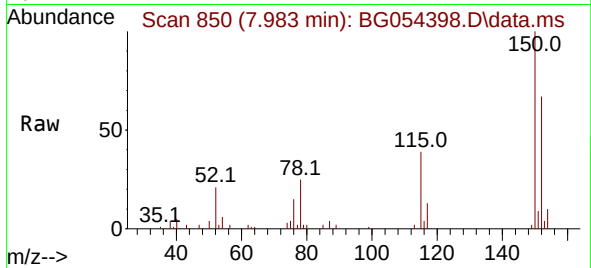




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.983 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BG054398.D
 Acq: 26 Jul 2022 14:50

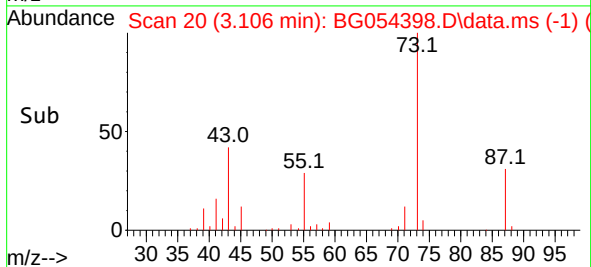
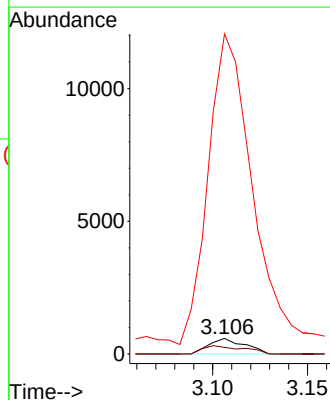
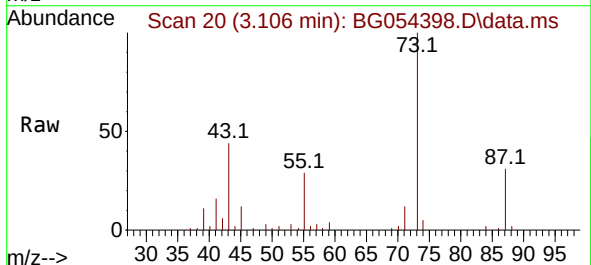
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-5-(0-5)

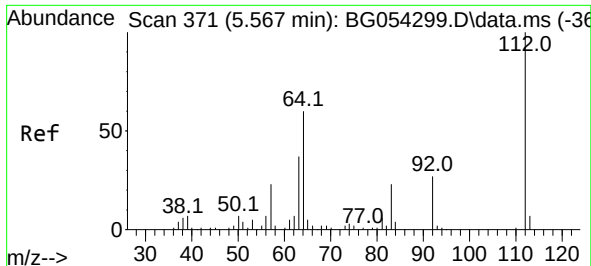
Tgt Ion:152 Resp: 14910
 Ion Ratio Lower Upper
 152 100
 150 148.4 131.6 197.4
 115 58.0 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.686 ng
 RT: 3.106 min Scan# 20
 Delta R.T. -0.323 min
 Lab File: BG054398.D
 Acq: 26 Jul 2022 14:50

Tgt Ion: 88 Resp: 763
 Ion Ratio Lower Upper
 88 100
 58 60.7 59.2 88.8
 43 2675.1 24.3 36.5#

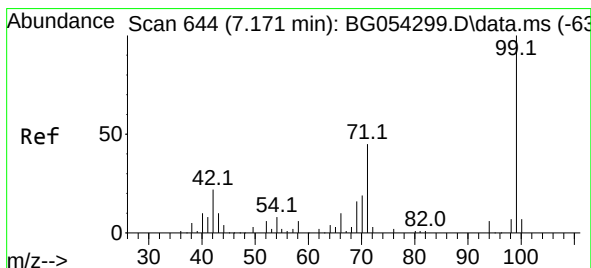
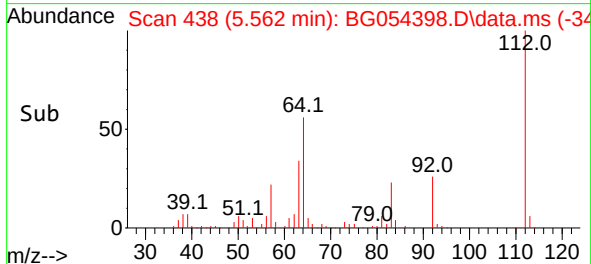
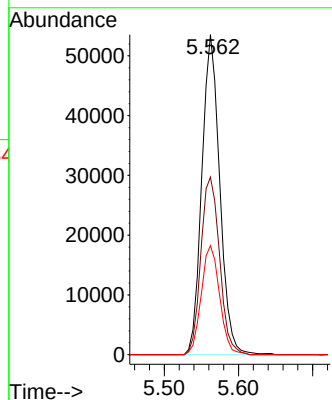
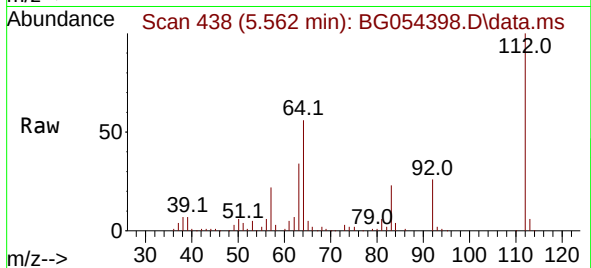




#5
2-Fluorophenol
Concen: 126.134 ng
RT: 5.562 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

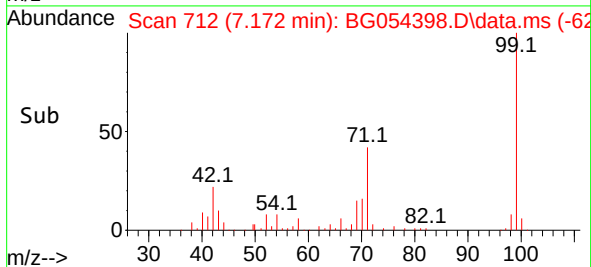
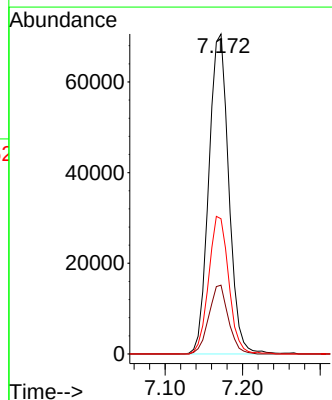
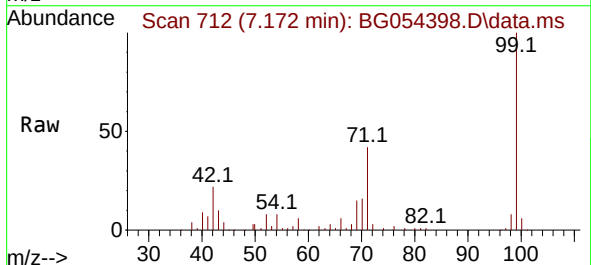
Instrument :
BNA_G
ClientSampleId :
ENV-DE-5-(0-5)

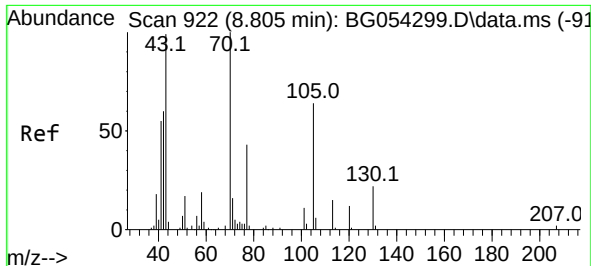
Tgt Ion:112 Resp: 90075
Ion Ratio Lower Upper
112 100
64 55.5 55.1 82.7
63 34.1 30.4 45.6



#7
Phenol-d6
Concen: 128.927 ng
RT: 7.172 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

Tgt Ion: 99 Resp: 126158
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 42.2 33.8 50.8





#19

n-Nitroso-di-n-propylamine

Concen: 17.852 ng

RT: 9.152 min Scan# 1

Delta R.T. 0.347 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Instrument :

BNA_G

ClientSampleId :

ENV-DE-5-(0-5)

Tgt Ion: 70 Resp: 11665

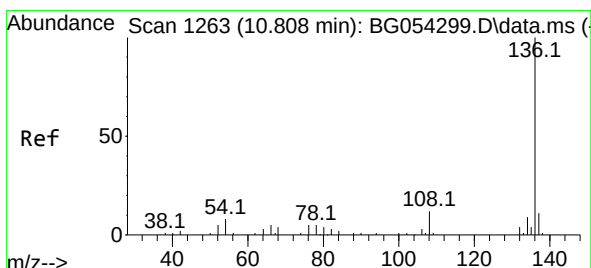
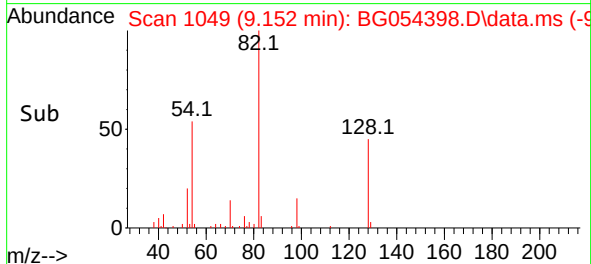
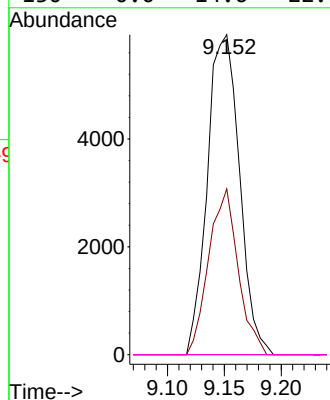
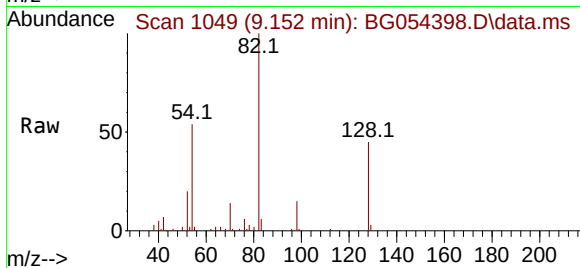
Ion Ratio Lower Upper

70 100

42 51.8 47.3 70.9

101 0.0 7.0 10.4#

130 0.0 14.6 22.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 1329

Delta R.T. -0.011 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Tgt Ion: 136 Resp: 59919

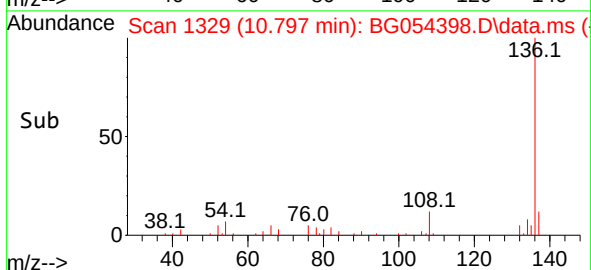
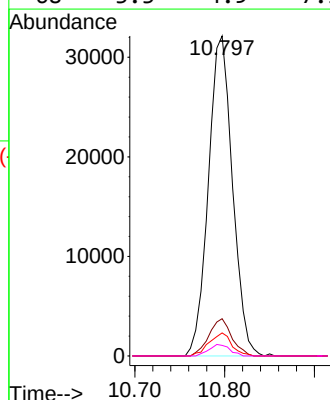
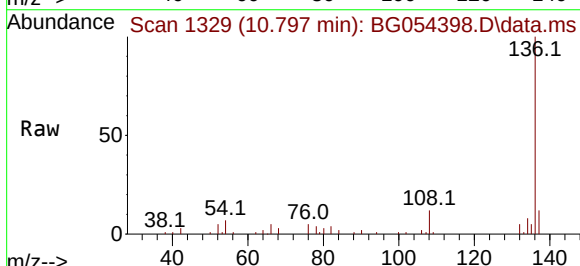
Ion Ratio Lower Upper

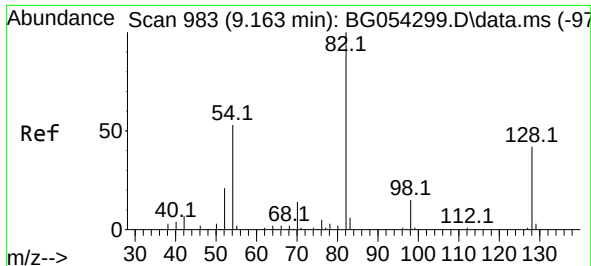
136 100

137 11.7 8.5 12.7

54 7.2 7.4 11.2#

68 3.3 4.9 7.3#

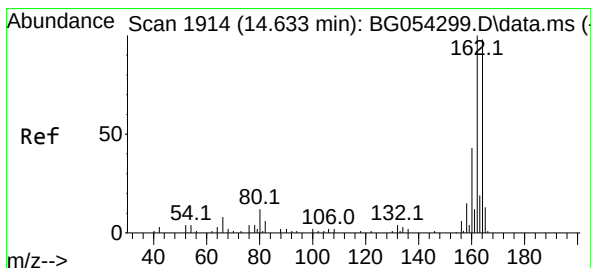
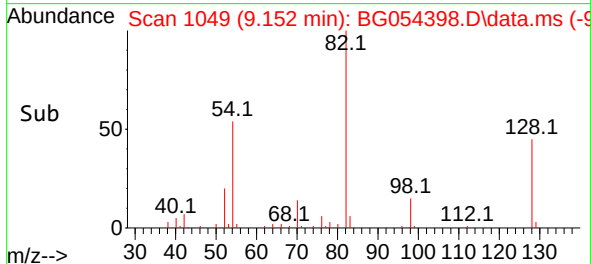
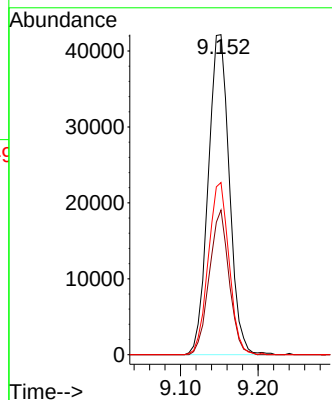
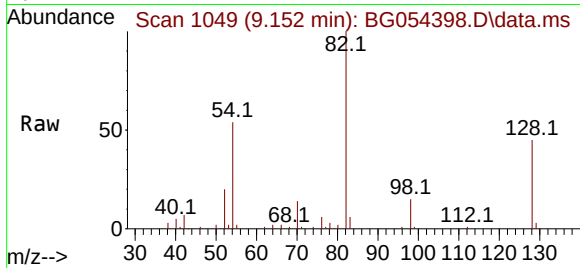




#23
Nitrobenzene-d5
Concen: 72.540 ng
RT: 9.152 min Scan# 1049
Delta R.T. -0.011 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

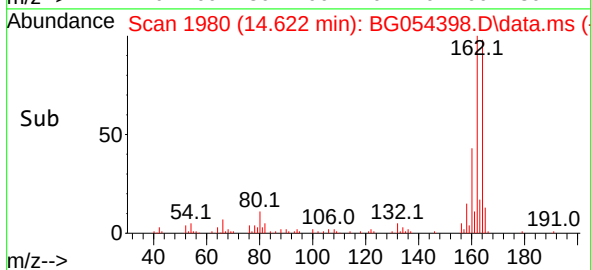
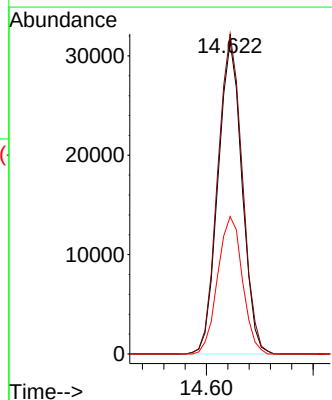
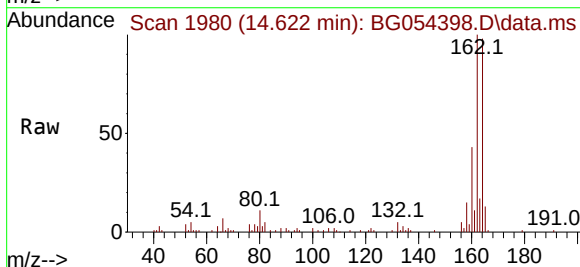
Instrument :
BNA_G
ClientSampleId :
ENV-DE-5-(0-5)

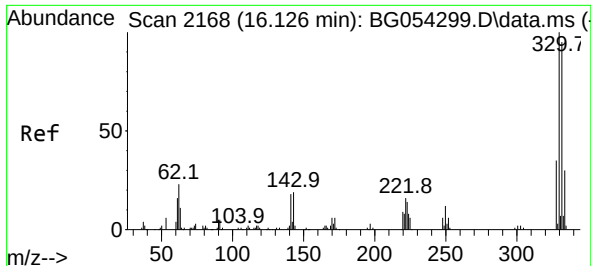
Tgt Ion: 82 Resp: 79816
Ion Ratio Lower Upper
82 100
128 45.2 27.9 41.9#
54 53.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.011 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

Tgt Ion:164 Resp: 49062
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 43.9 34.2 51.2

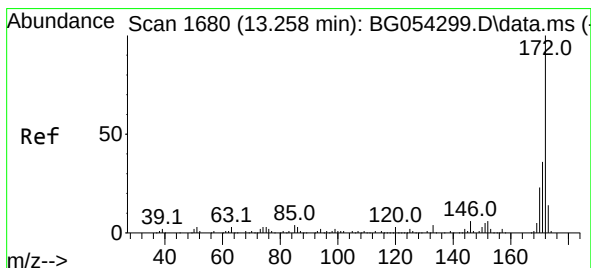
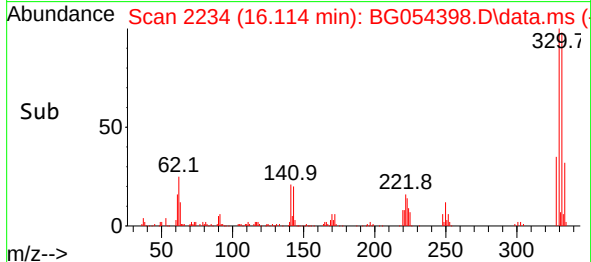
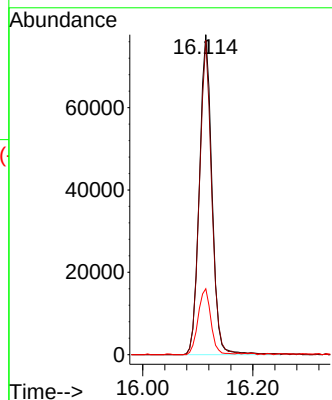
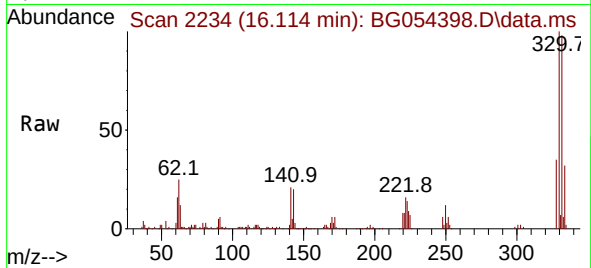




#42
2,4,6-Tribromophenol
Concen: 119.823 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.011 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

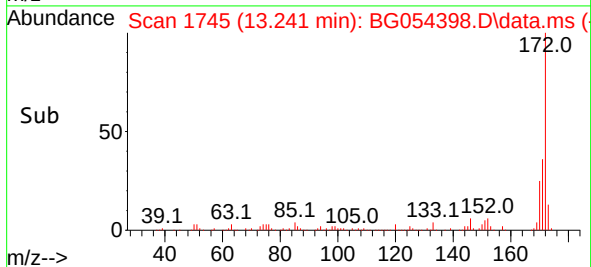
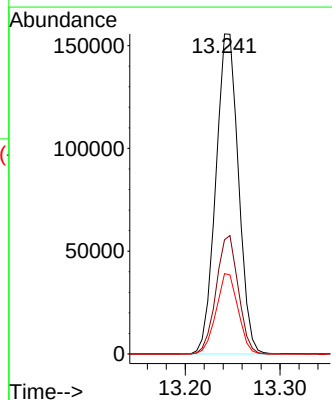
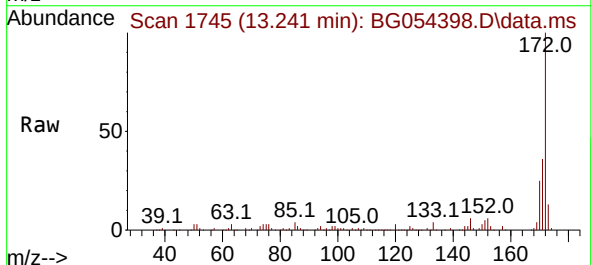
Instrument :
BNA_G
ClientSampleId :
ENV-DE-5-(0-5)

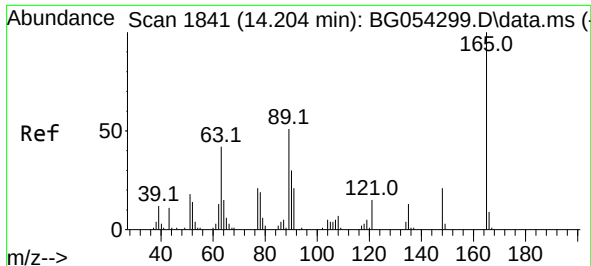
Tgt Ion:330 Resp: 123432
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 21.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 74.388 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

Tgt Ion:172 Resp: 258712
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 25.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 7.665 ng

RT: 14.622 min Scan# 1980

Delta R.T. 0.418 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Instrument :

BNA_G

ClientSampleId :

ENV-DE-5-(0-5)

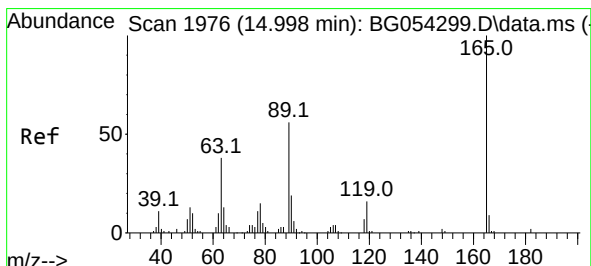
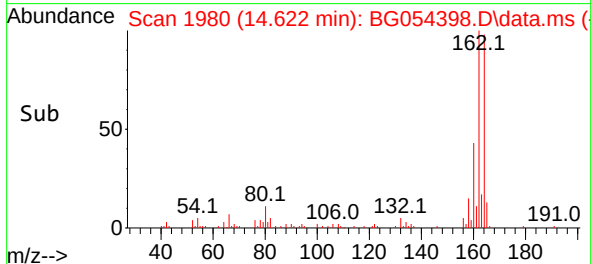
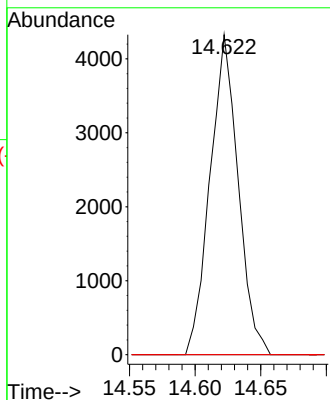
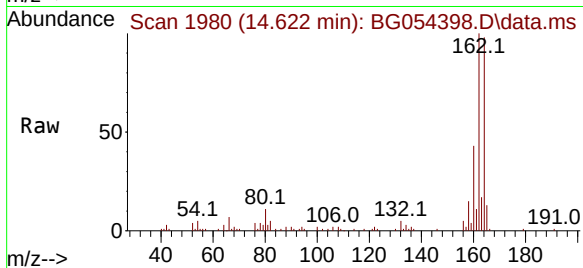
Tgt Ion:165 Resp: 6443

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: 5.347 ng

RT: 14.622 min Scan# 1980

Delta R.T. -0.375 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Tgt Ion:165 Resp: 6443

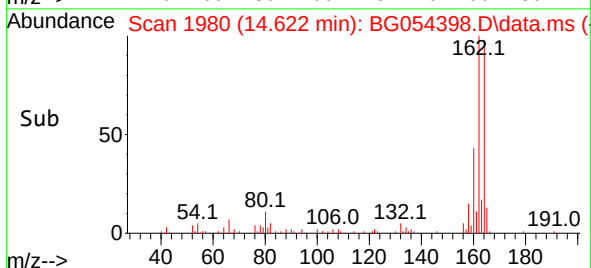
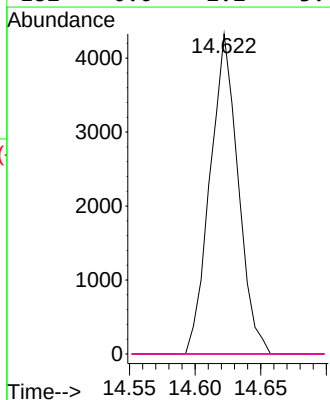
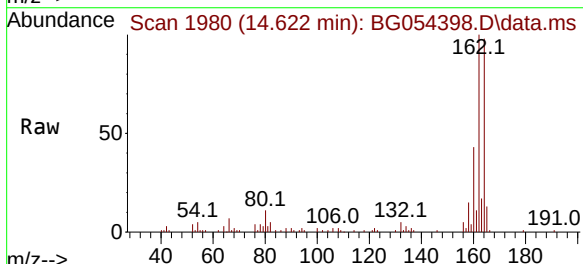
Ion Ratio Lower Upper

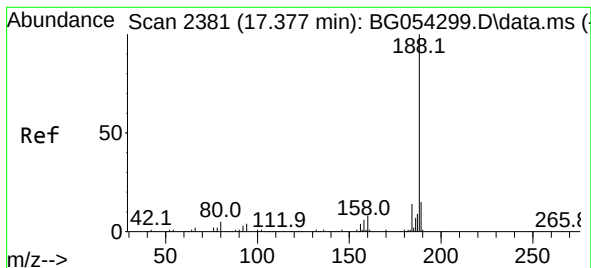
165 100

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: 17.366 min Scan# 2447

Delta R.T. -0.011 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Instrument :

BNA_G

ClientSampleId :

ENV-DE-5-(0-5)

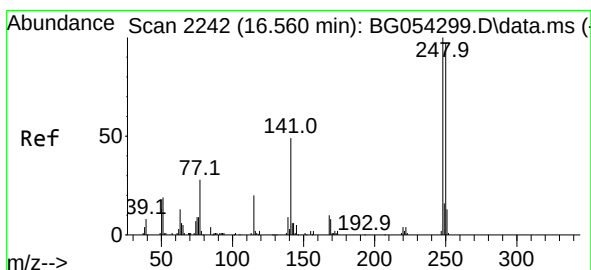
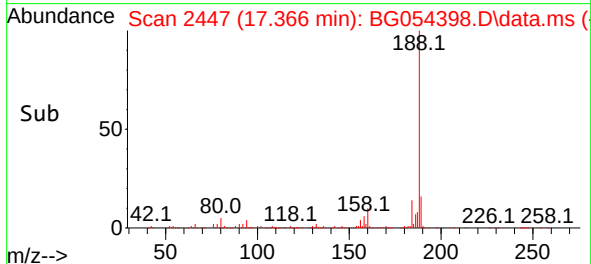
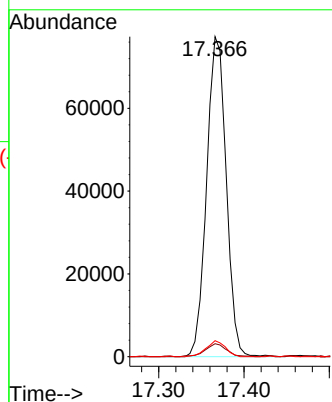
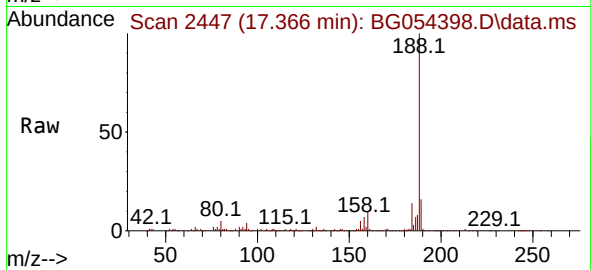
Tgt Ion:188 Resp: 123312

Ion Ratio Lower Upper

188 100

94 4.0 5.4 8.0#

80 5.0 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 4.502 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.446 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

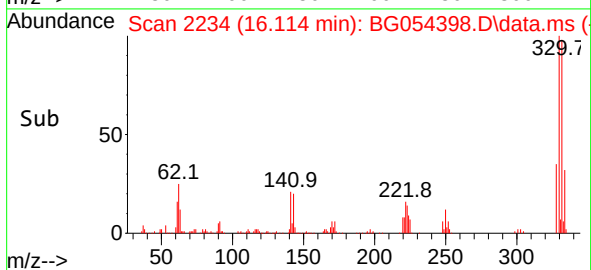
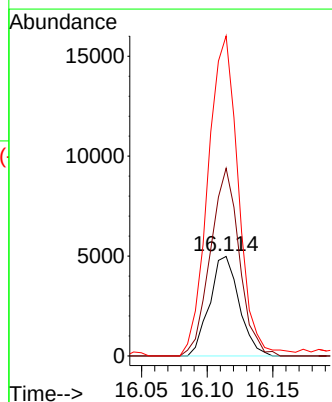
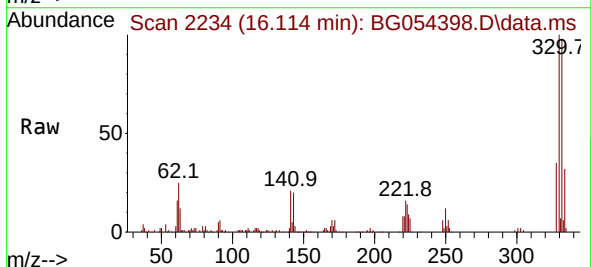
Tgt Ion:248 Resp: 7797

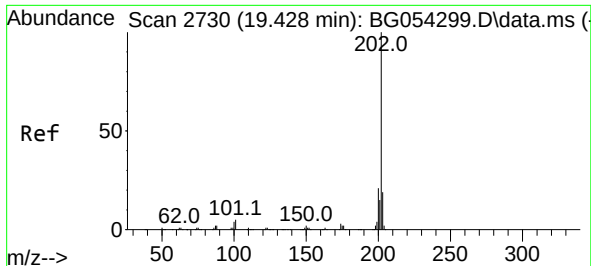
Ion Ratio Lower Upper

248 100

250 189.2 75.2 112.8#

141 250.3 50.0 75.0#

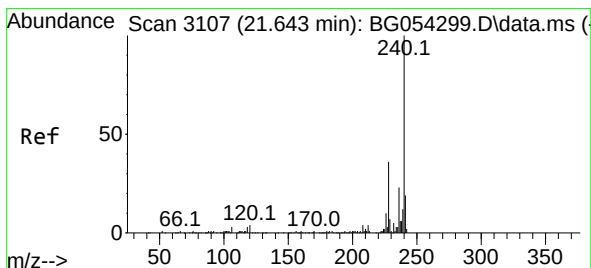
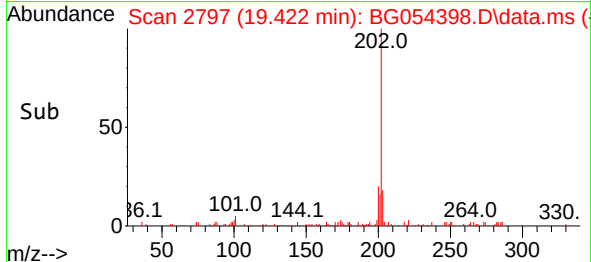
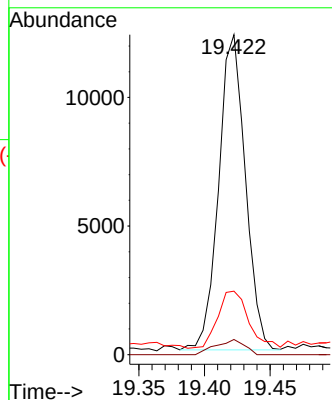
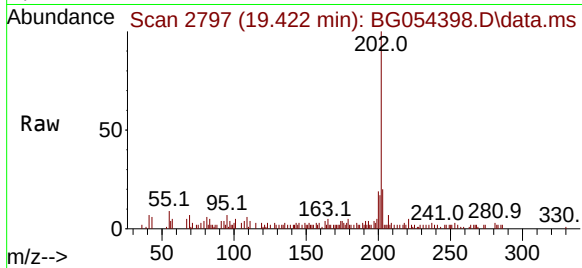




#75
Fluoranthene
Concen: 2.069 ng
RT: 19.422 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

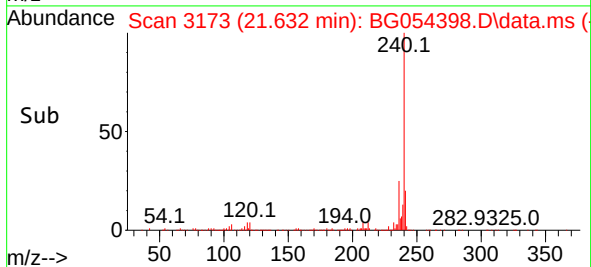
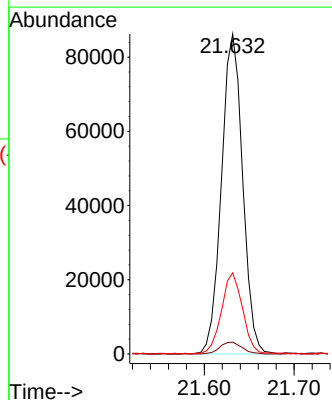
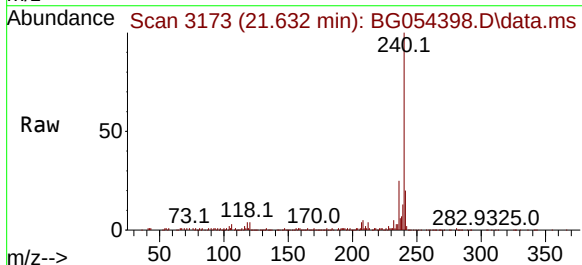
Instrument :
BNA_G
ClientSampleId :
ENV-DE-5-(0-5)

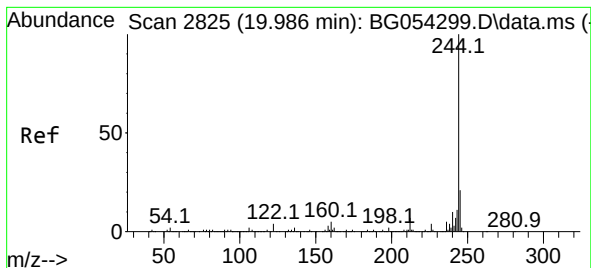
Tgt Ion:202 Resp: 17317
Ion Ratio Lower Upper
202 100
101 4.8 0.0 26.9
203 19.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3173
Delta R.T. -0.011 min
Lab File: BG054398.D
Acq: 26 Jul 2022 14:50

Tgt Ion:240 Resp: 141228
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 25.4 20.2 30.4





#79

Terphenyl-d14

Concen: 78.286 ng

RT: 19.975 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Instrument :

BNA_G

ClientSampleId :

ENV-DE-5-(0-5)

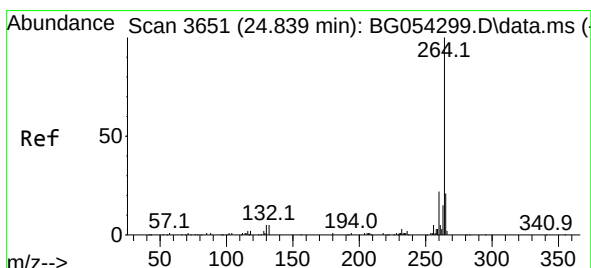
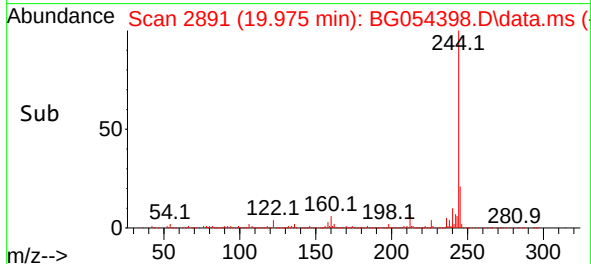
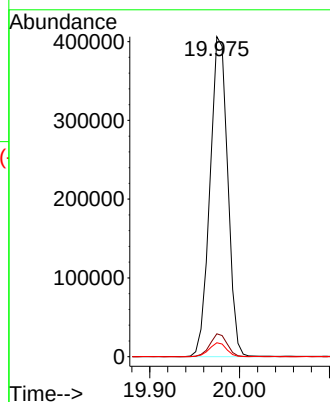
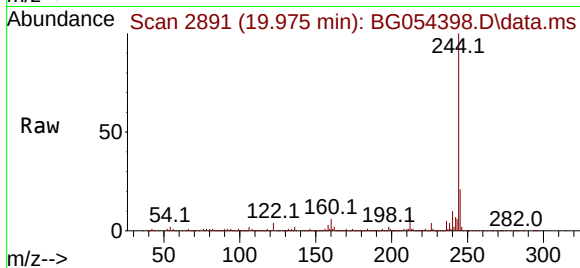
Tgt Ion:244 Resp: 557325

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 4.3 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.828 min Scan# 3717

Delta R.T. -0.011 min

Lab File: BG054398.D

Acq: 26 Jul 2022 14:50

Tgt Ion:264 Resp: 150937

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 22.1 17.4 26.2

