

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054343.D
 Acq On : 21 Jul 2022 13:29
 Operator : CG/JU
 Sample : N3771-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10F

Quant Time: Jul 22 02:36:34 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)

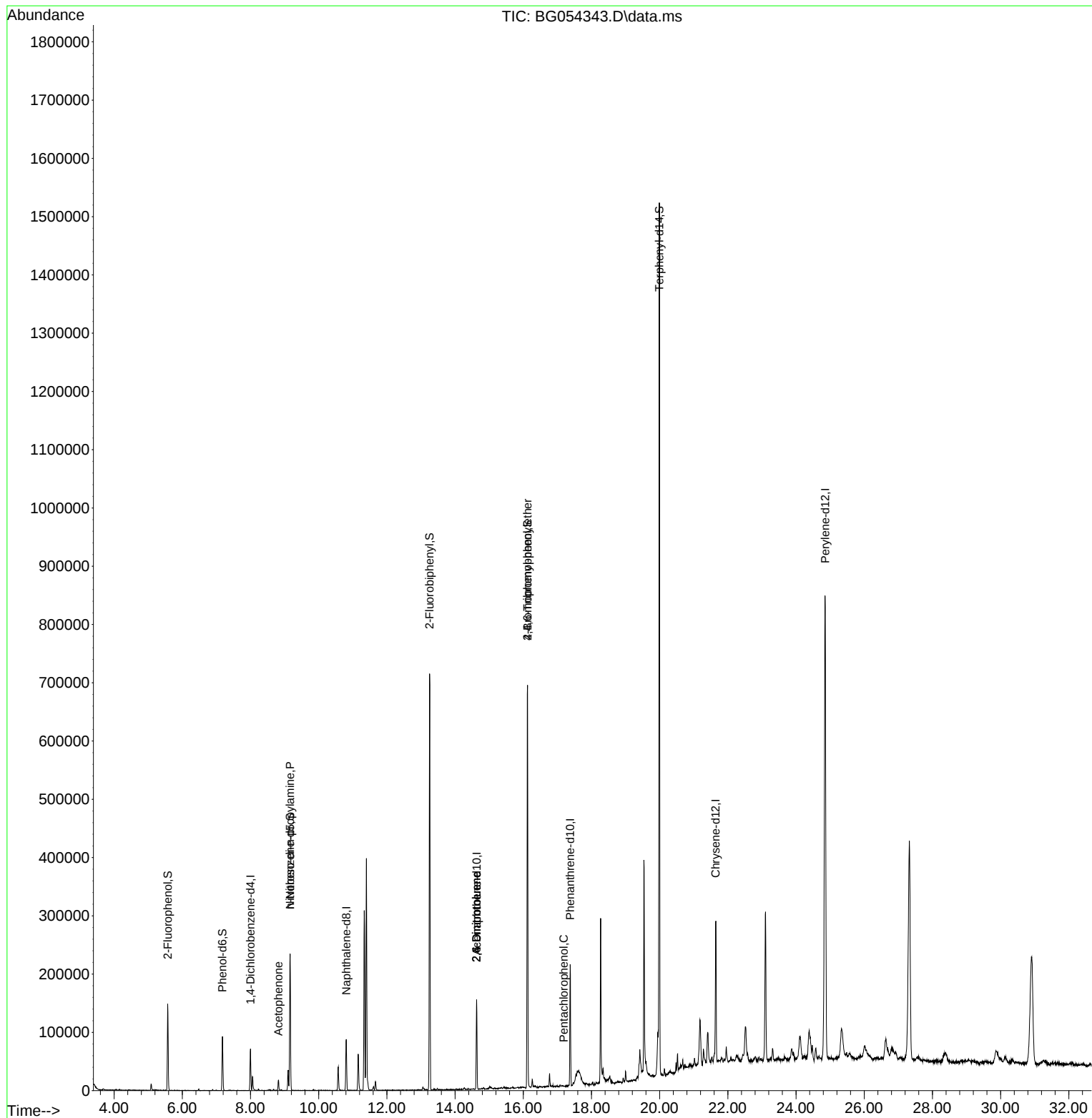
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	21188	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	79710	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	60772	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	146997	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	169357	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	175840	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	66373	65.405	ng	0.00
7) Phenol-d6	7.177	99	53205	38.262	ng	0.00
23) Nitrobenzene-d5	9.163	82	145131	99.152	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	181899	142.556	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	409422	95.039	ng	0.00
79) Terphenyl-d14	19.992	244	830882	97.327	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.183	77	53	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.163	70	20071	21.615	ng	# 80
22) Acetophenone	8.822	105	10037	5.235	ng	# 97
51) 2,6-Dinitrotoluene	14.627	165	8109	7.788	ng	# 16
57) 2,4-Dinitrotoluene	14.627	165	8109	5.433	ng	# 21
67) 4-Bromophenyl-phenylether	16.126	248	10831	5.246	ng	# 1
70) Pentachlorophenol	17.189	266	57	3.835	ng	# 16

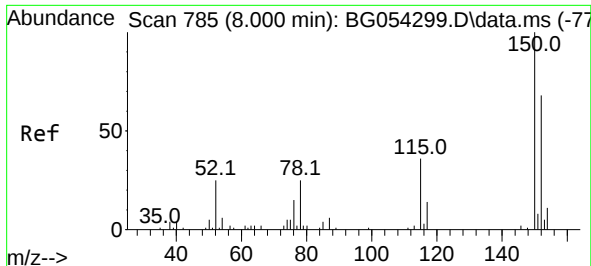
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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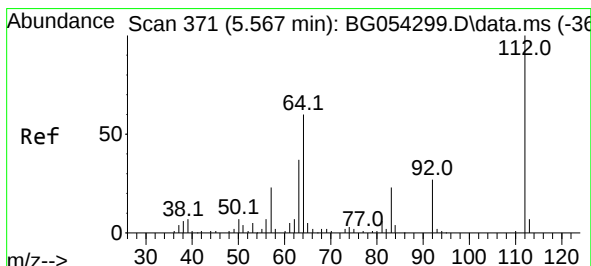
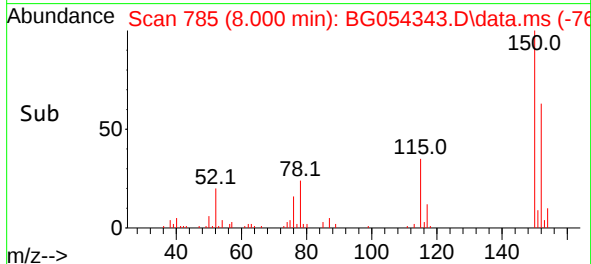
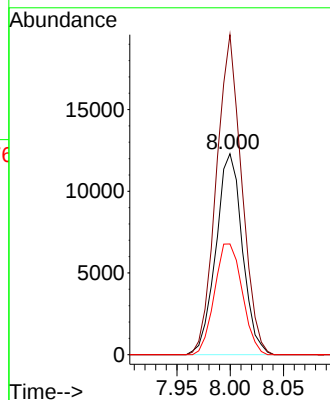
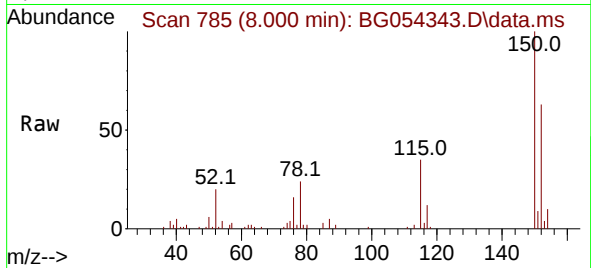




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

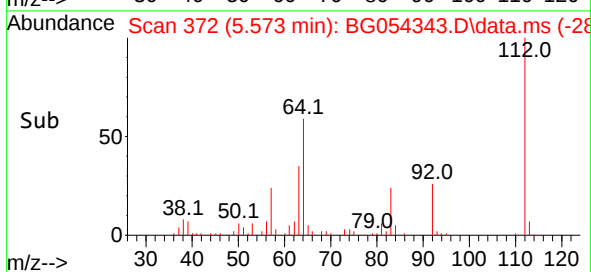
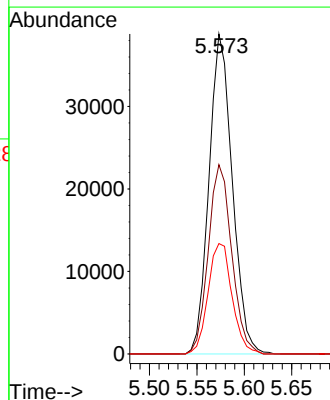
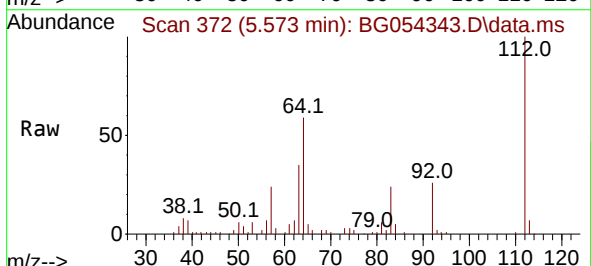
Instrument :
BNA_G
ClientSampleId :
MW-10F

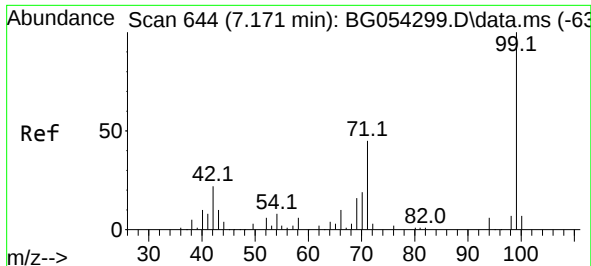
Tgt Ion:152 Resp: 21188
Ion Ratio Lower Upper
152 100
150 159.3 131.6 197.4
115 55.1 50.9 76.3



#5
2-Fluorophenol
Concen: 65.405 ng
RT: 5.573 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:112 Resp: 66373
Ion Ratio Lower Upper
112 100
64 59.2 55.1 82.7
63 34.5 30.4 45.6

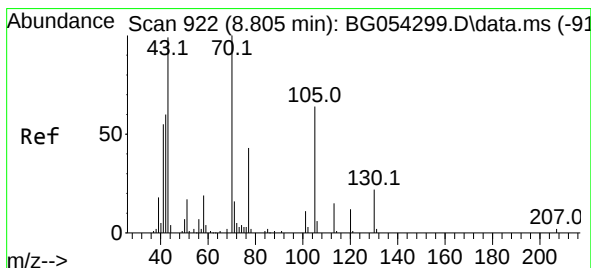
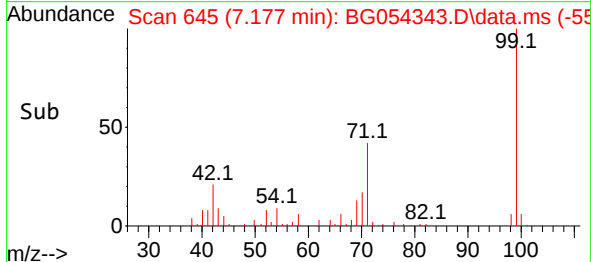
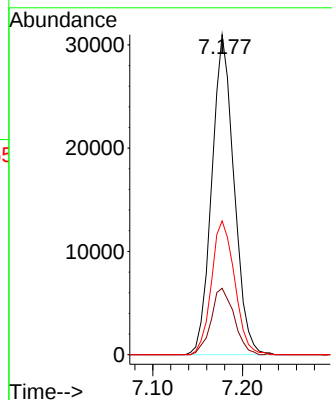
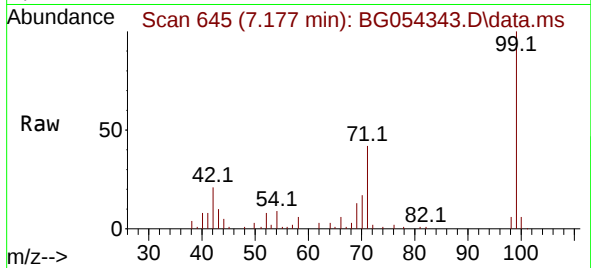




#7
Phenol-d6
Concen: 38.262 ng
RT: 7.177 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

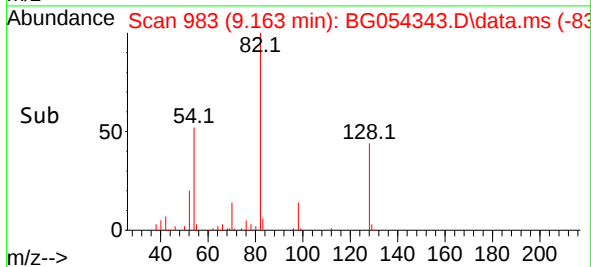
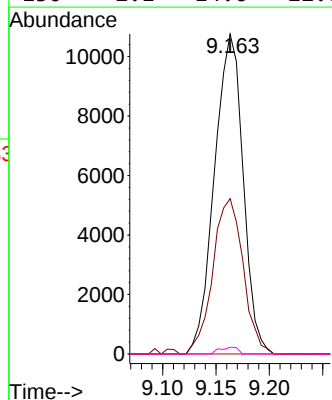
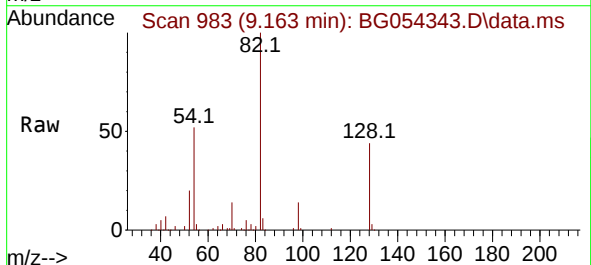
Instrument :
BNA_G
ClientSampleId :
MW-10F

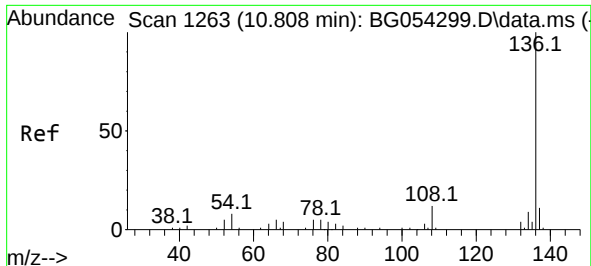
Tgt Ion: 99 Resp: 53205
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 41.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.615 ng
RT: 9.163 min Scan# 983
Delta R.T. 0.358 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion: 70 Resp: 20071
Ion Ratio Lower Upper
70 100
42 48.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

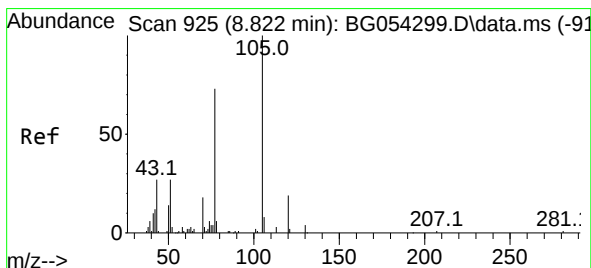
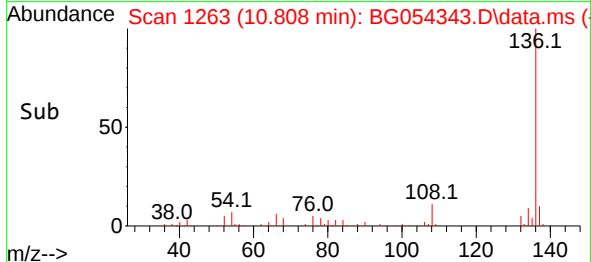
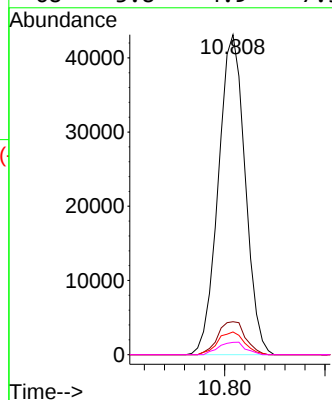
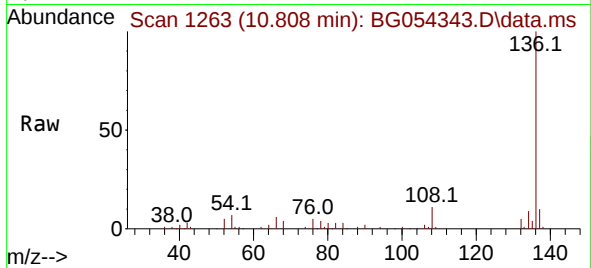




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

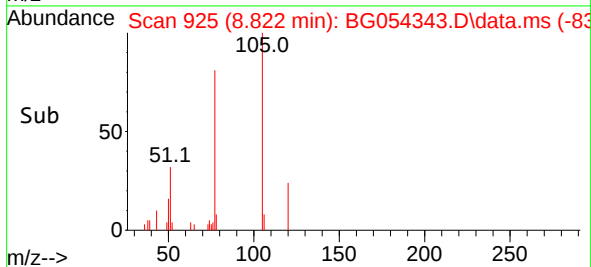
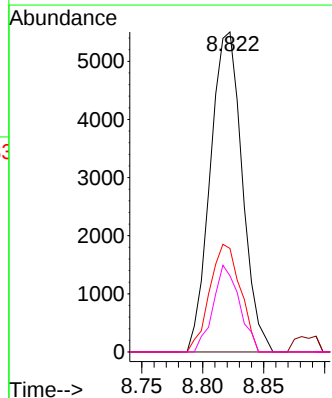
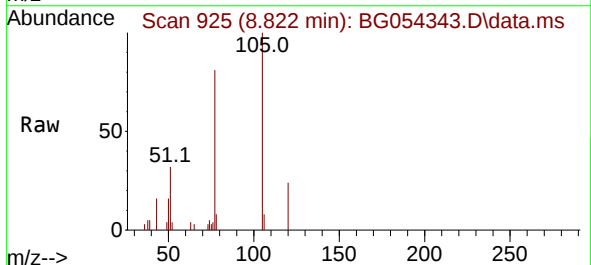
Instrument :
BNA_G
ClientSampleId :
MW-10F

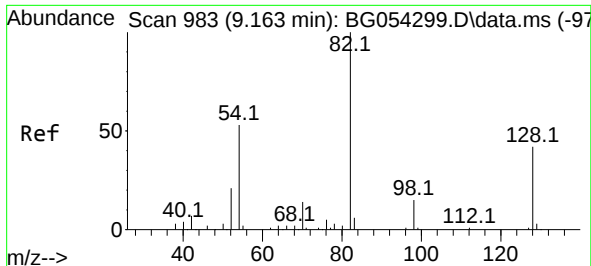
Tgt Ion:	136	Resp:	79710
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.1	7.4	11.2#
68	3.8	4.9	7.3#



#22
Acetophenone
Concen: 5.235 ng
RT: 8.822 min Scan# 925
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:	105	Resp:	10037
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	32.4	25.4	38.0
120	23.8	17.3	25.9

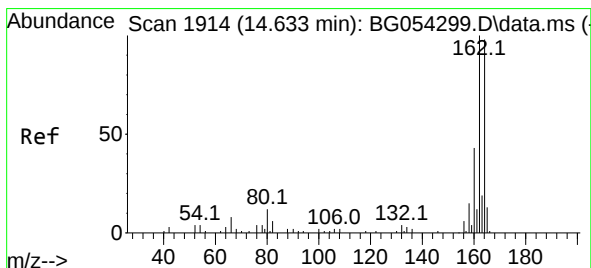
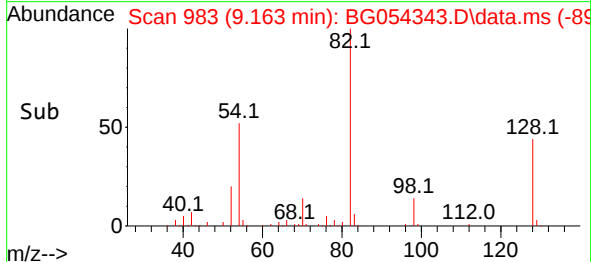
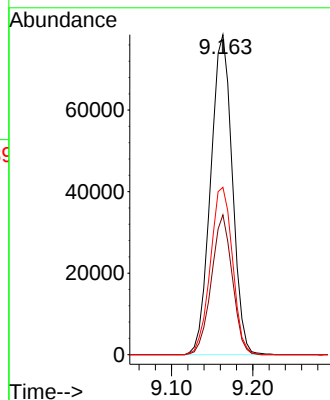
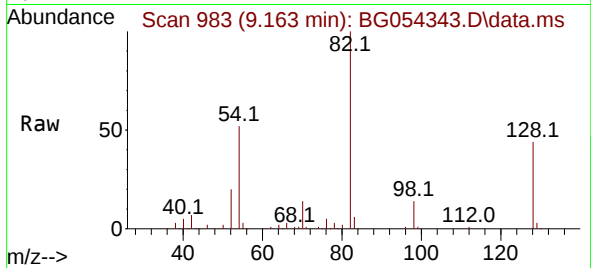




#23
Nitrobenzene-d5
Concen: 99.152 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

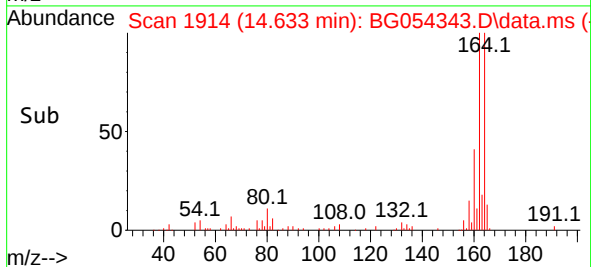
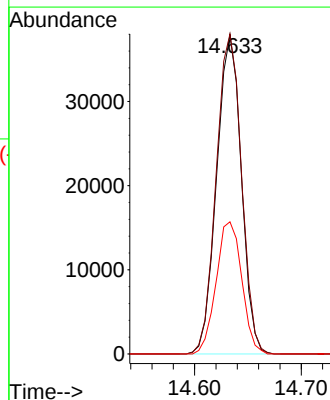
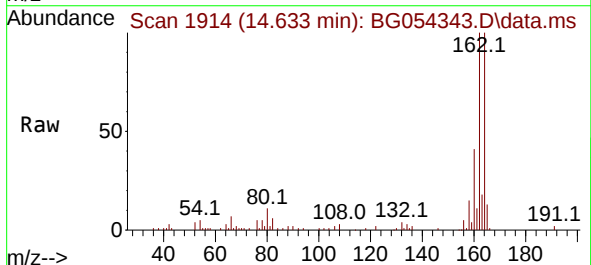
Instrument :
BNA_G
ClientSampleId :
MW-10F

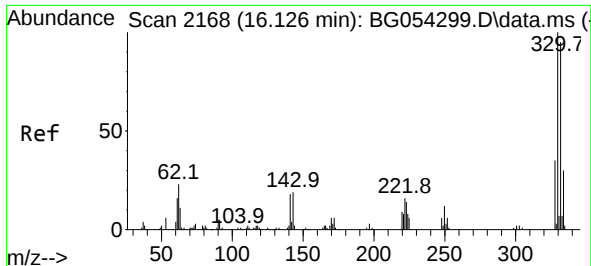
Tgt Ion: 82 Resp: 145131
Ion Ratio Lower Upper
82 100
128 43.7 27.9 41.9#
54 52.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt Ion:164 Resp: 60772
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 41.4 34.2 51.2

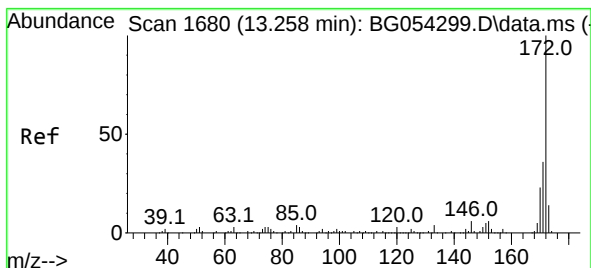
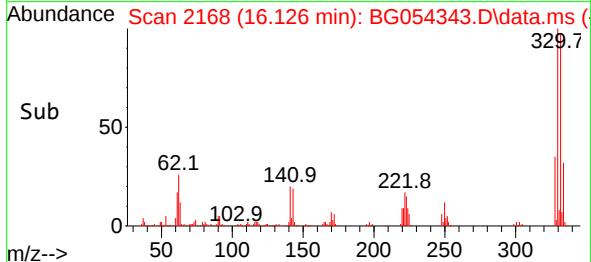
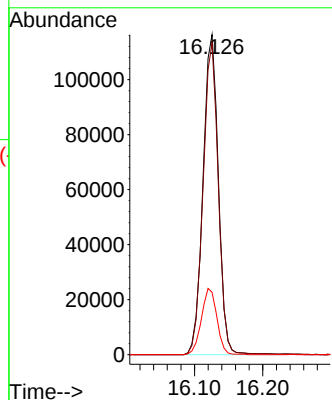
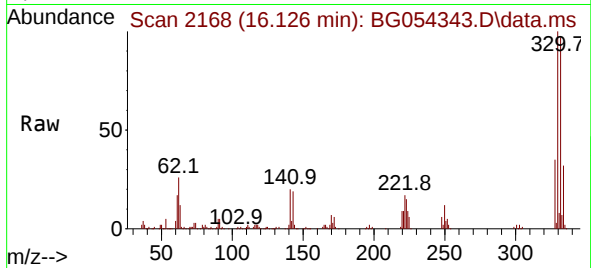




#42
 2,4,6-Tribromophenol
 Concen: 142.556 ng
 RT: 16.126 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

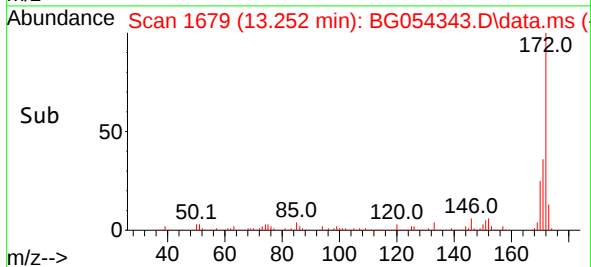
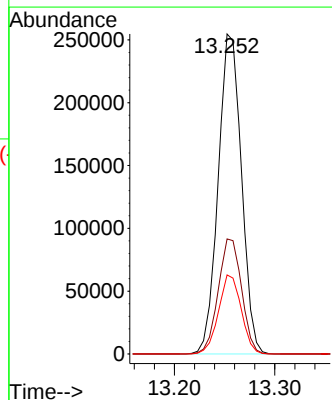
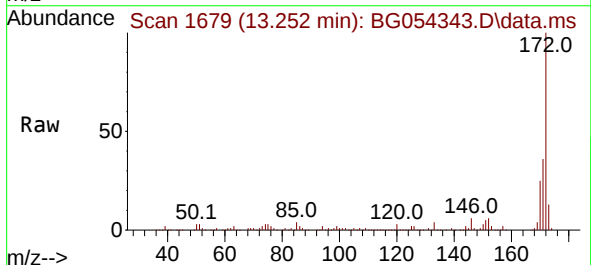
Instrument :
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 MW-10F

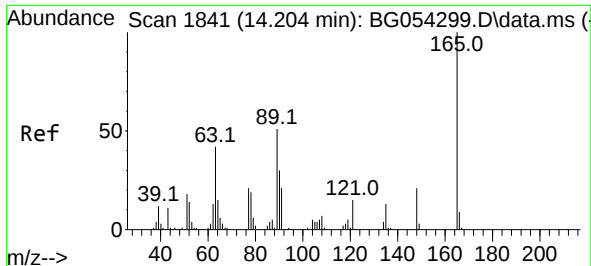
Tgt Ion:330 Resp: 181899
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 20.9 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 95.039 ng
 RT: 13.252 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

Tgt Ion:172 Resp: 409422
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.7 18.9 28.3

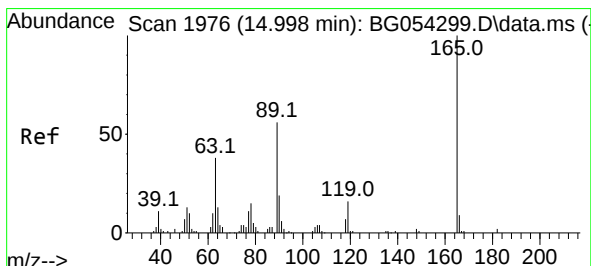
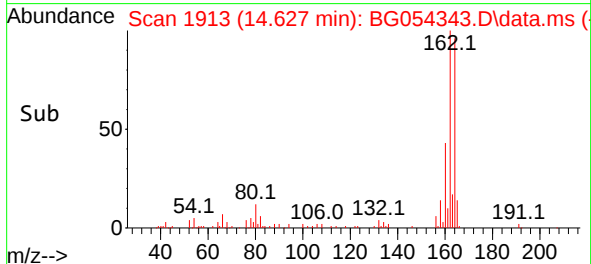
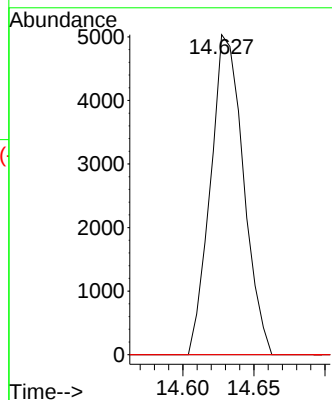
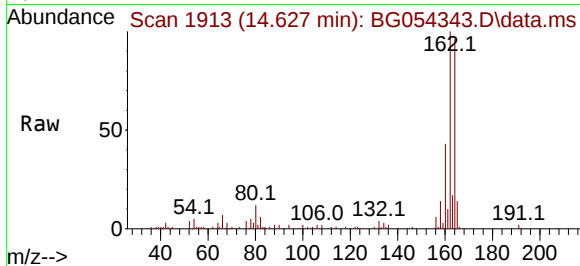




#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 14.627 min Scan# 1913
Delta R.T. 0.423 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

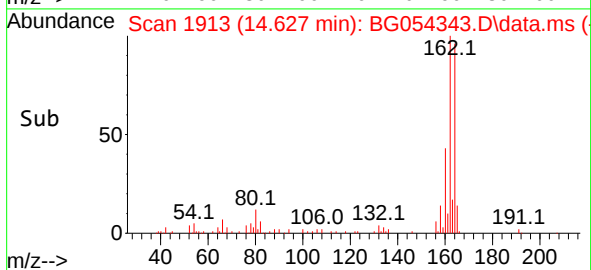
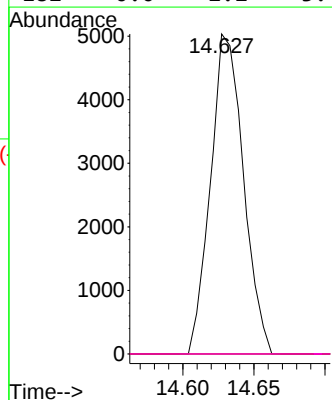
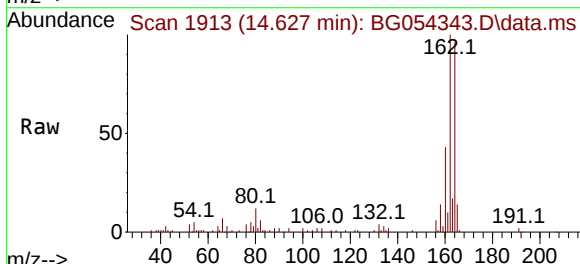
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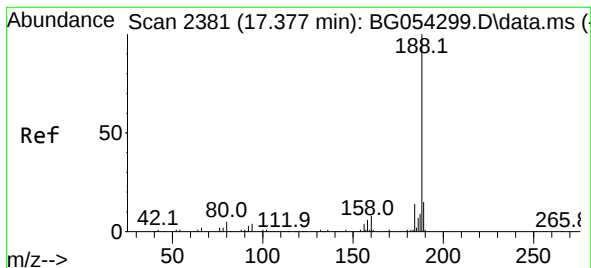
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



#57
2,4-Dinitrotoluene
Concen: 5.433 ng
RT: 14.627 min Scan# 1913
Delta R.T. -0.370 min
Lab File: BG054343.D
Acq: 21 Jul 2022 13:29

Tgt 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: 17.377 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054343.D

Acq: 21 Jul 2022 13:29

Instrument :

BNA_G

ClientSampleId :

MW-10F

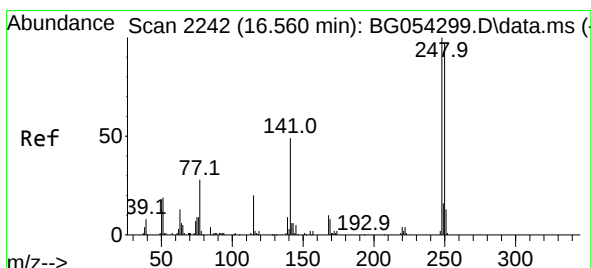
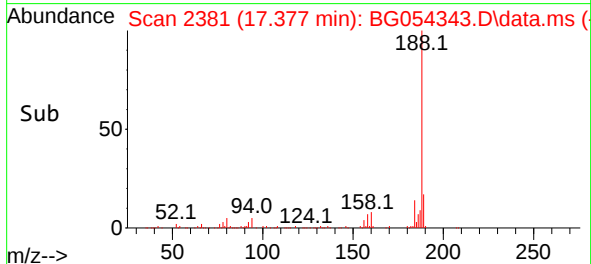
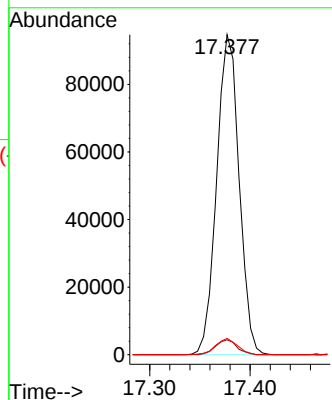
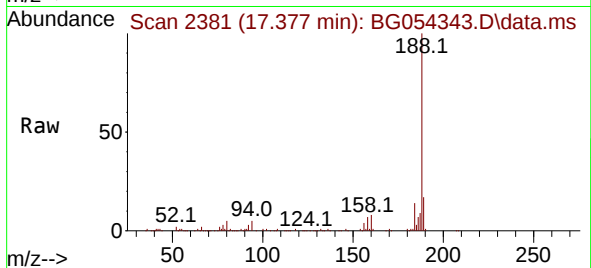
Tgt Ion:188 Resp: 146997

Ion Ratio Lower Upper

188 100

94 4.6 5.4 8.0#

80 5.1 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 5.246 ng

RT: 16.126 min Scan# 2168

Delta R.T. -0.435 min

Lab File: BG054343.D

Acq: 21 Jul 2022 13:29

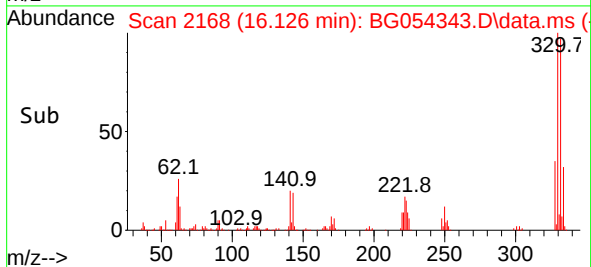
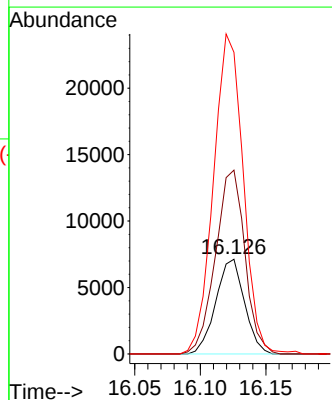
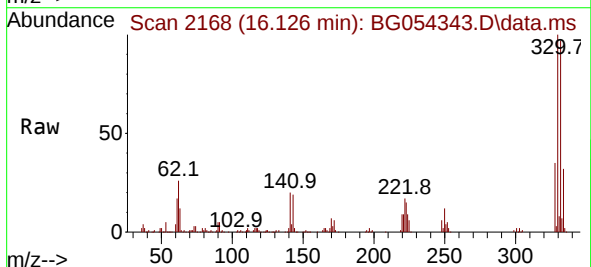
Tgt Ion:248 Resp: 10831

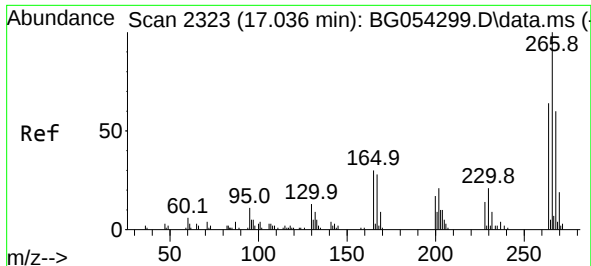
Ion Ratio Lower Upper

248 100

250 252.4 75.2 112.8#

141 318.1 50.0 75.0#

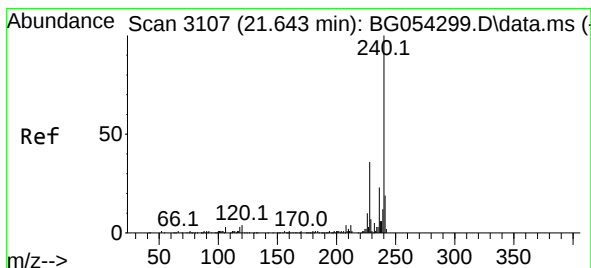
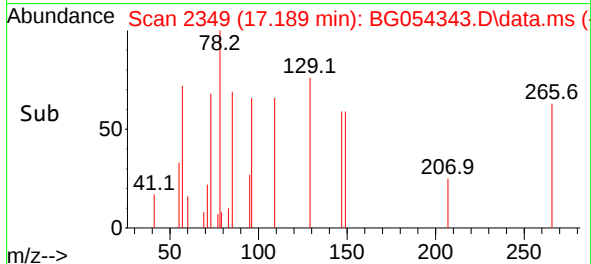
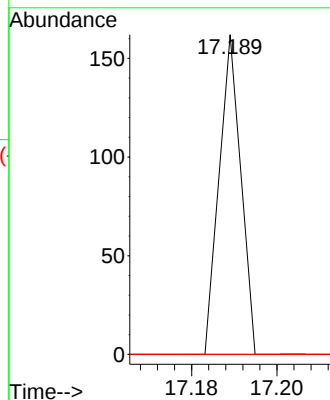
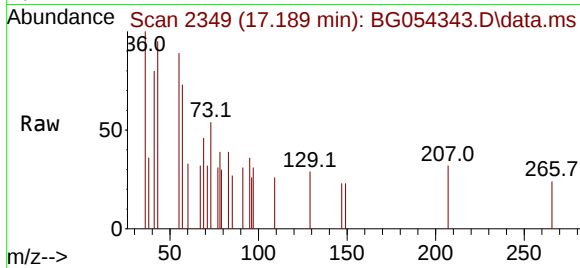




#70
 Pentachlorophenol
 Concen: 3.835 ng
 RT: 17.189 min Scan# 21
 Delta R.T. 0.153 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

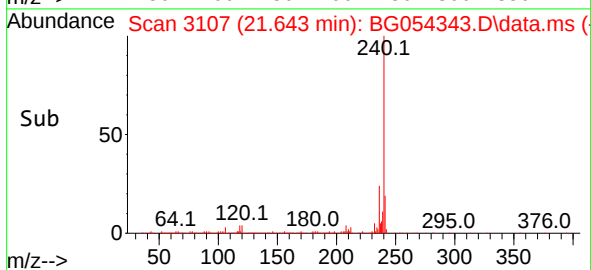
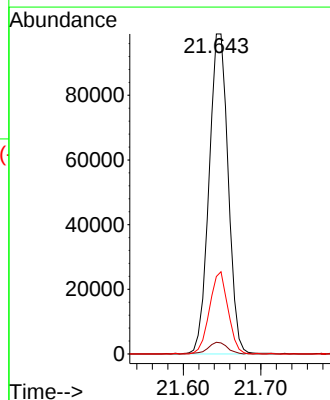
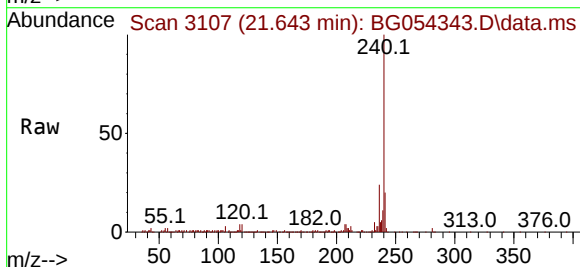
Instrument :
 BNA_G
 ClientSampleId :
 MW-10F

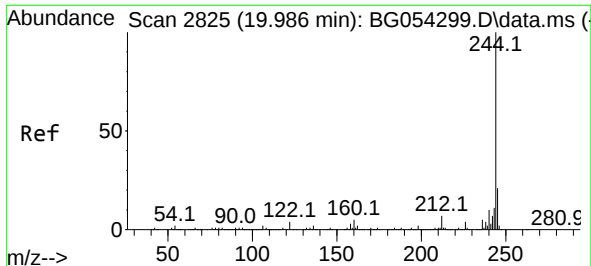
Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.2 84.2#
 264 0.0 53.0 79.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.643 min Scan# 3107
 Delta R.T. -0.000 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

Tgt Ion:240 Resp: 169357
 Ion Ratio Lower Upper
 240 100
 120 3.6 4.6 7.0#
 236 24.2 20.2 30.4

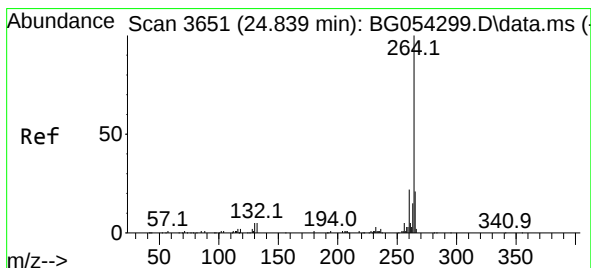
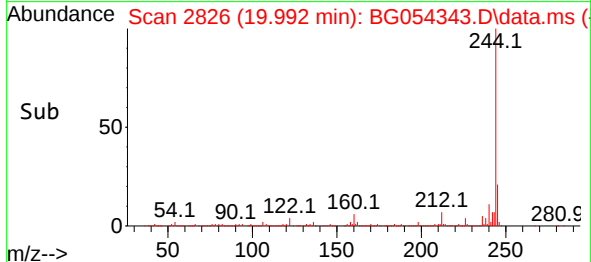
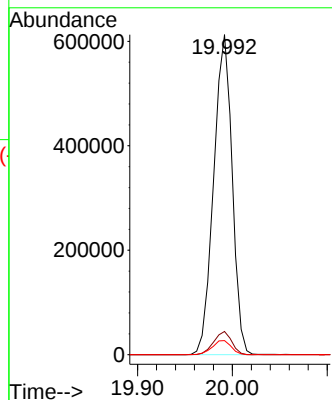
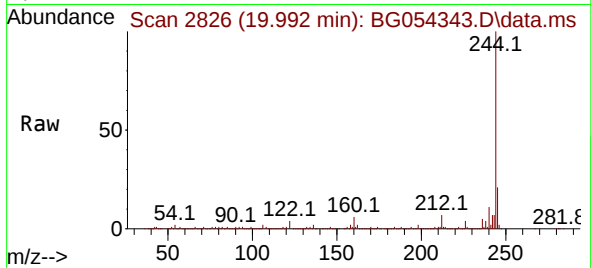




#79
 Terphenyl-d14
 Concen: 97.327 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-10F

Tgt Ion:244 Resp: 830882
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 3654
 Delta R.T. 0.018 min
 Lab File: BG054343.D
 Acq: 21 Jul 2022 13:29

Tgt Ion:264 Resp: 175840
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.6
 265 20.8 17.4 26.2

