

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126846.D
 Acq On : 10 Feb 2022 16:27
 Operator : CG\JU
 Sample : N1359-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Quant Time: Feb 10 17:22:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

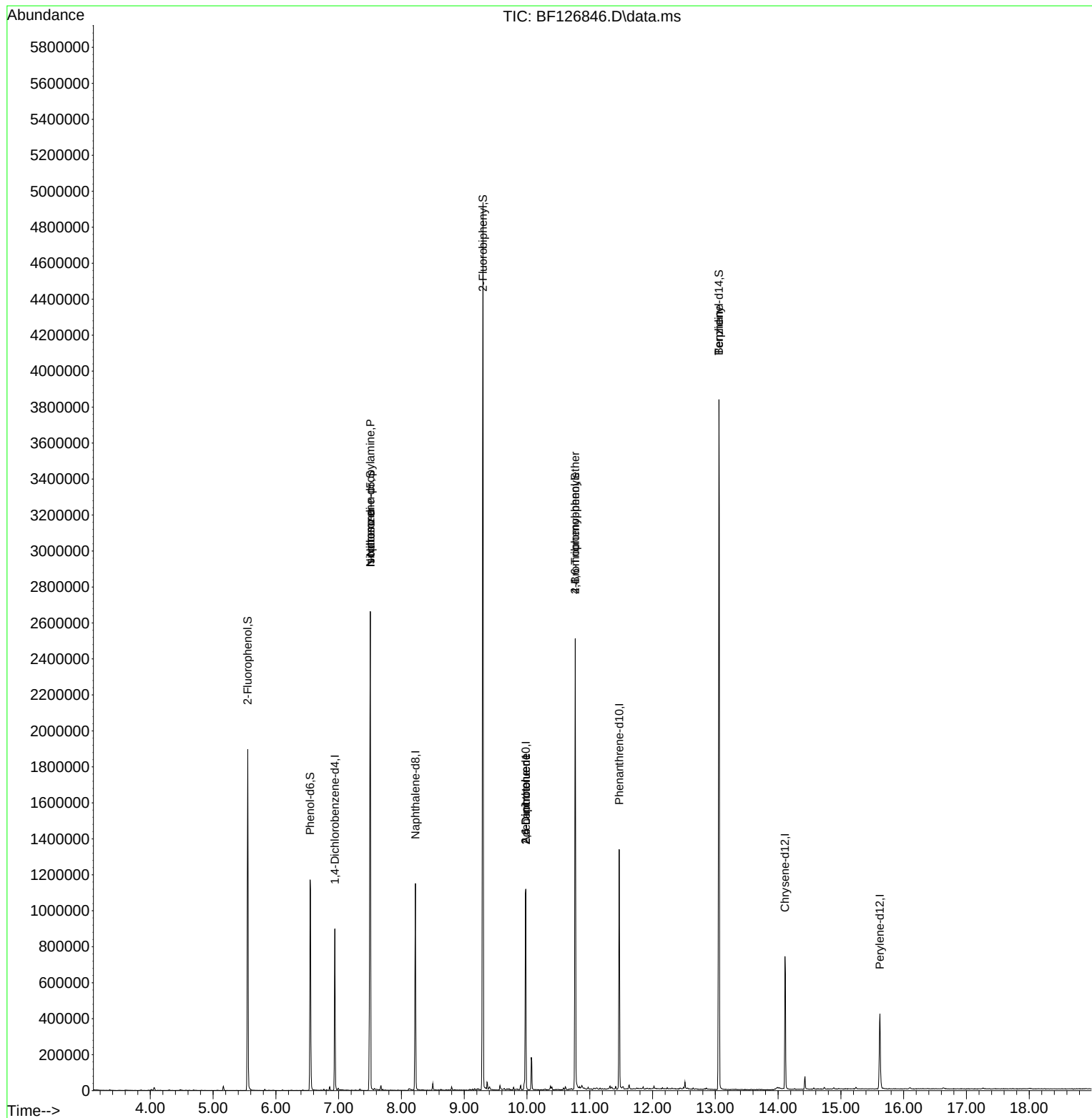
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	110943	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	446591	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	227888	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	402161	20.000	ng	0.00
76) Chrysene-d12	14.110	240	234314	20.000	ng	-0.01
86) Perylene-d12	15.621	264	179817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	443643	61.568	ng	0.00
7) Phenol-d6	6.546	99	385714	39.651	ng	-0.02
23) Nitrobenzene-d5	7.504	82	893170	92.279	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	259036	106.027	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1380474	91.186	ng	0.00
79) Terphenyl-d14	13.057	244	1290469	78.953	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	118366	19.215	ng	Qvalue # 78
25) Isophorone	7.504	82	893163	55.078	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	29789	9.124	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	29789	6.901	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	15676	3.587	ng	# 1
77) Benizidine	13.057	184	19195	3.113	ng	# 94

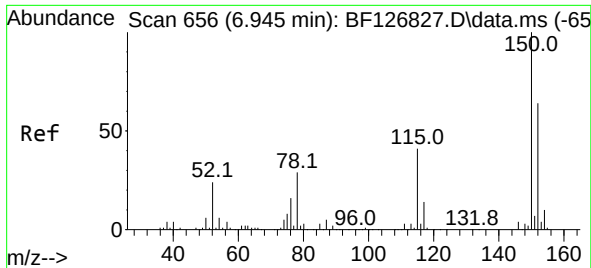
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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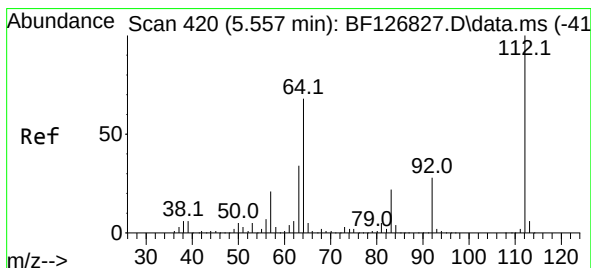
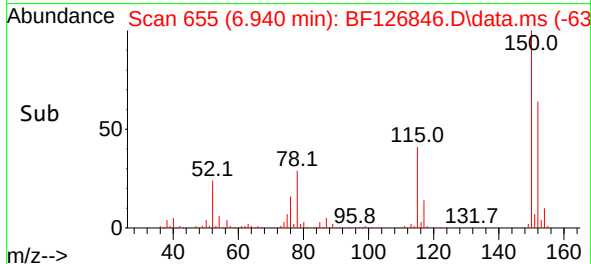
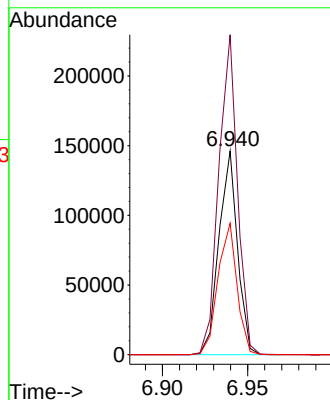
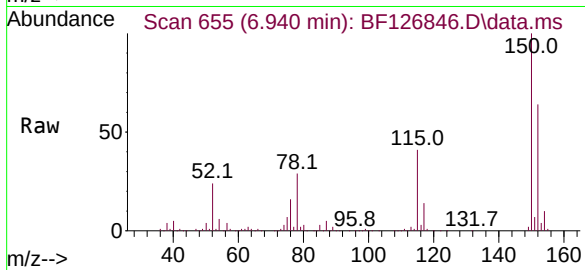




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

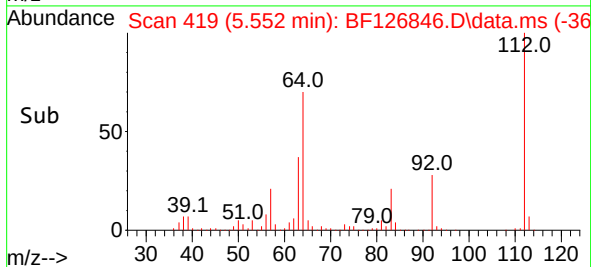
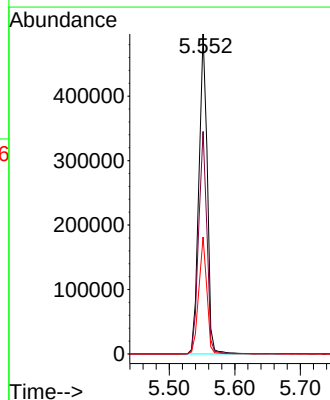
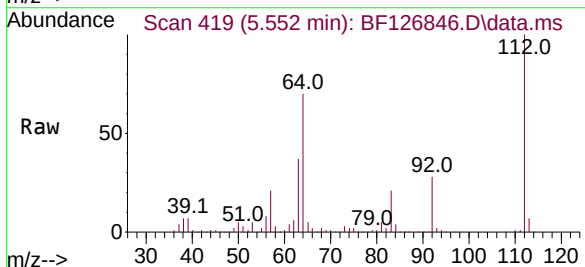
Instrument :
BNA_F
ClientSampleId :
MW-19D

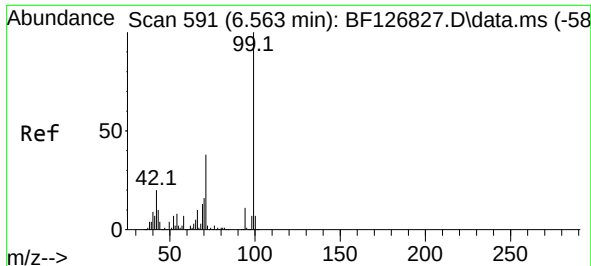
Tgt Ion:152 Resp: 110943
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 64.5 50.5 75.7



#5
2-Fluorophenol
Concen: 61.568 ng
RT: 5.552 min Scan# 419
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion:112 Resp: 443643
Ion Ratio Lower Upper
112 100
64 69.5 54.3 81.5
63 36.5 27.5 41.3

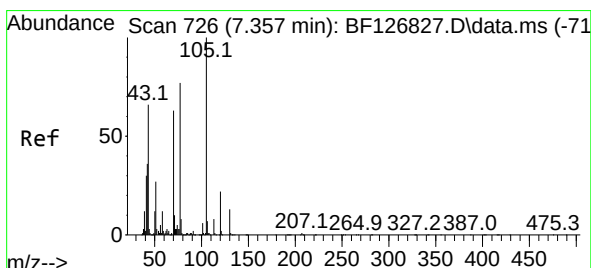
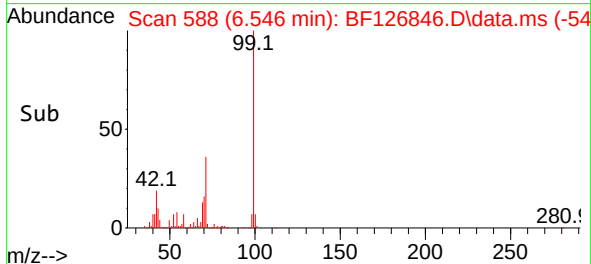
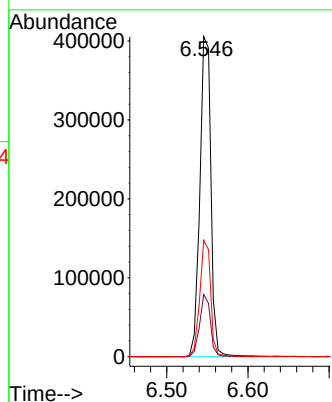
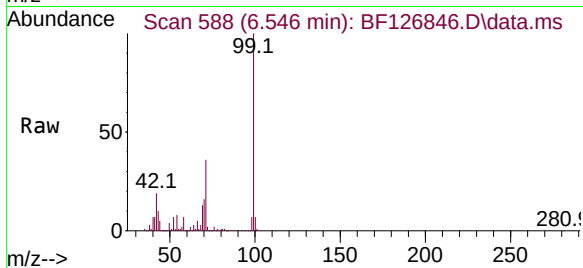




#7
Phenol-d6
Concen: 39.651 ng
RT: 6.546 min Scan# 591
Delta R.T. -0.018 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

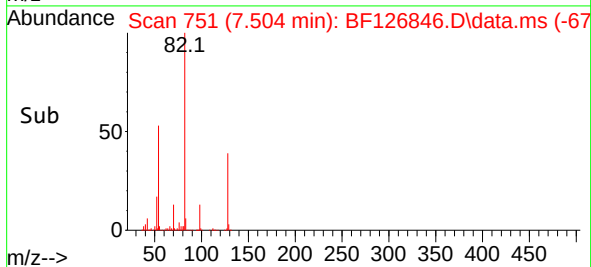
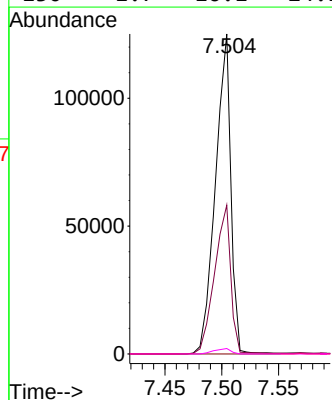
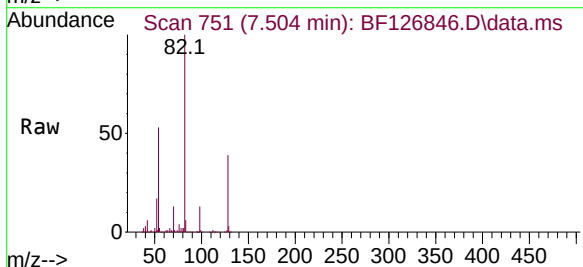
Instrument :
BNA_F
ClientSampleId :
MW-19D

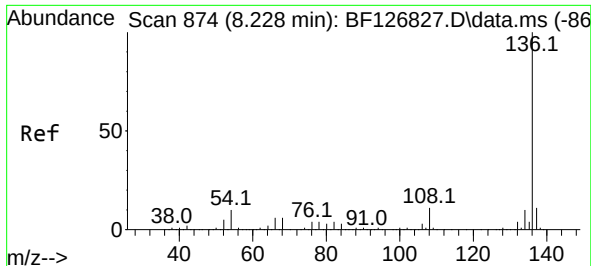
Tgt Ion: 99 Resp: 385714
Ion Ratio Lower Upper
99 100
42 19.5 15.8 23.6
71 36.3 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.215 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion: 70 Resp: 118366
Ion Ratio Lower Upper
70 100
42 46.5 46.3 69.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



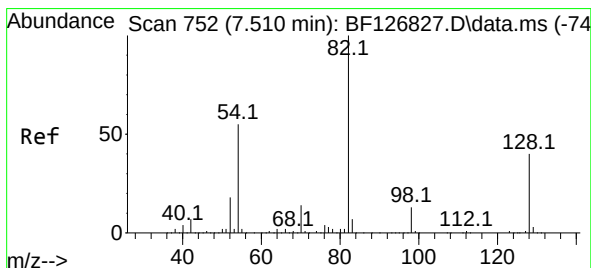
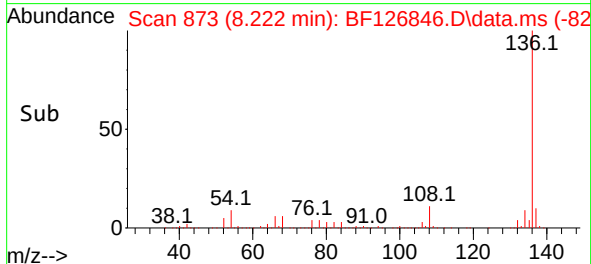
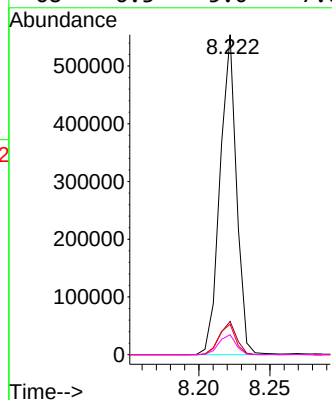
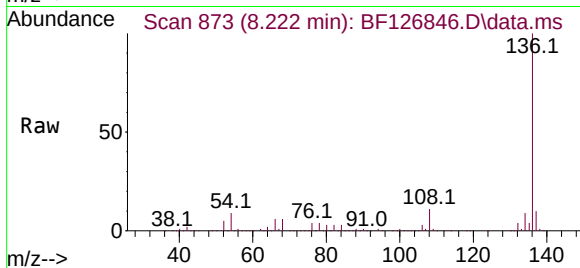


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Instrument :
BNA_F
ClientSampleId :
MW-19D

Tgt Ion:136 Resp: 446591

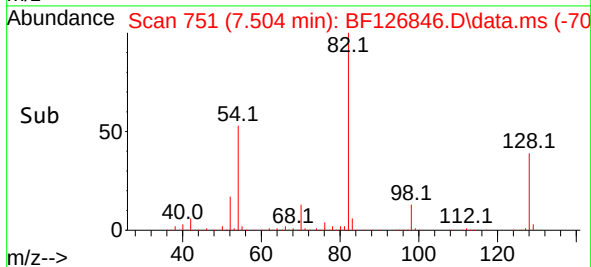
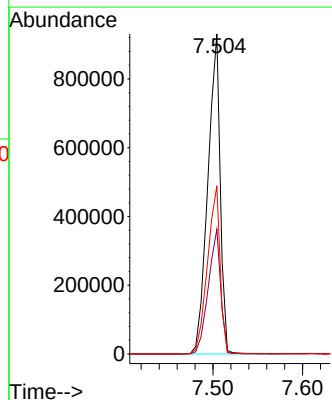
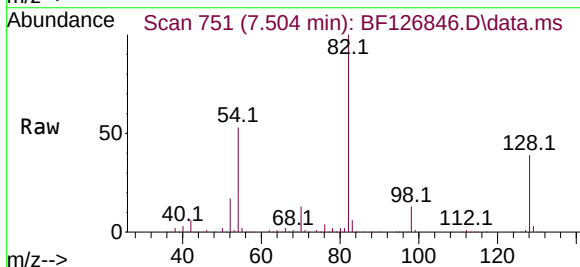
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	9.5	8.0	12.0
68	6.3	5.0	7.6

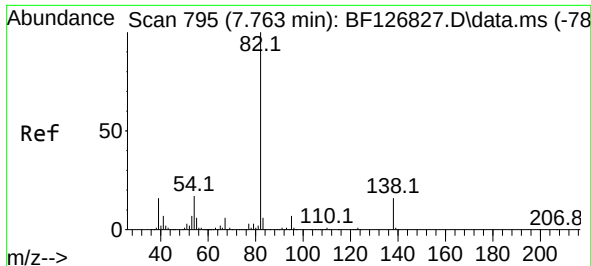


#23
Nitrobenzene-d5
Concen: 92.279 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion: 82 Resp: 893170

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.6	47.4
54	52.6	43.7	65.5

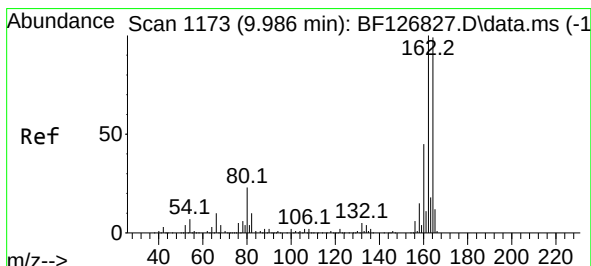
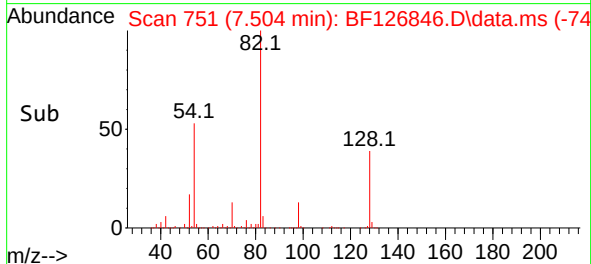
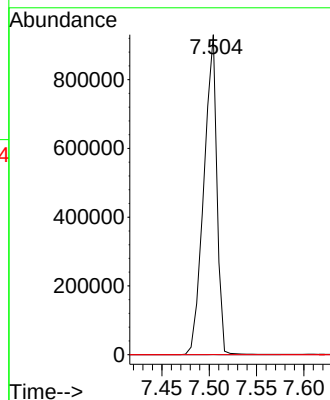
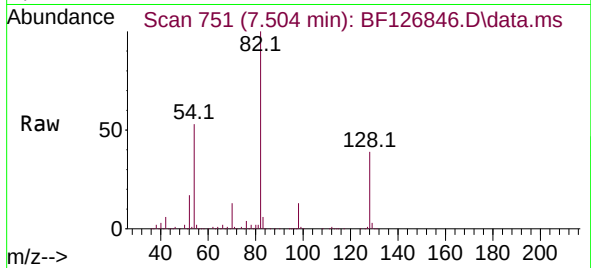




#25
Isophorone
Concen: 55.078 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

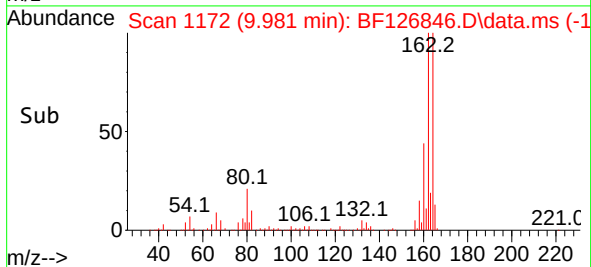
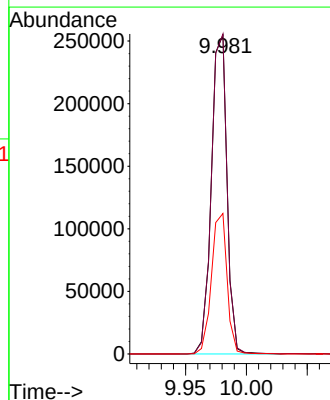
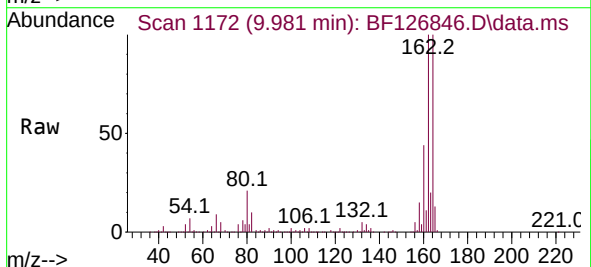
Instrument :
BNA_F
ClientSampleId :
MW-19D

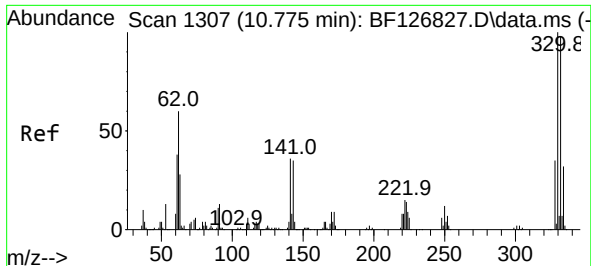
Tgt Ion: 82 Resp: 893163
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion: 164 Resp: 227888
Ion Ratio Lower Upper
164 100
162 100.4 80.9 121.3
160 44.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 106.027 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126846.D

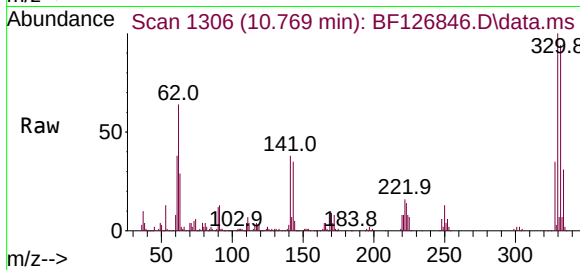
Acq: 10 Feb 2022 16:27

Instrument :

BNA_F

ClientSampleId :

MW-19D



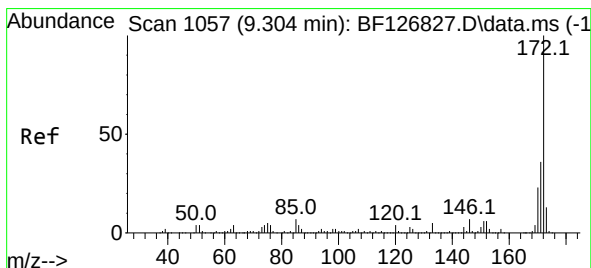
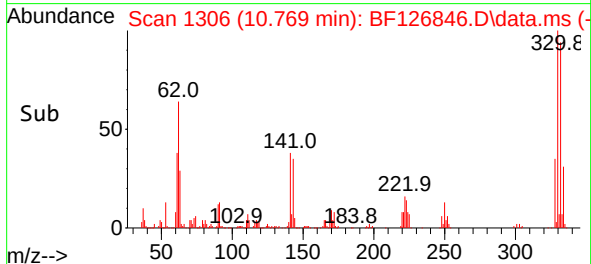
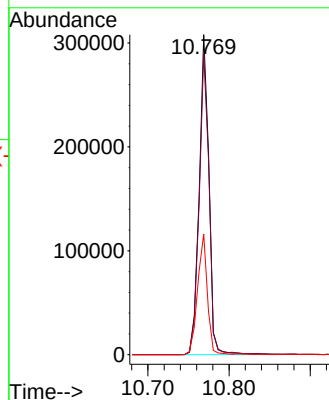
Tgt Ion:330 Resp: 259036

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 38.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 91.186 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

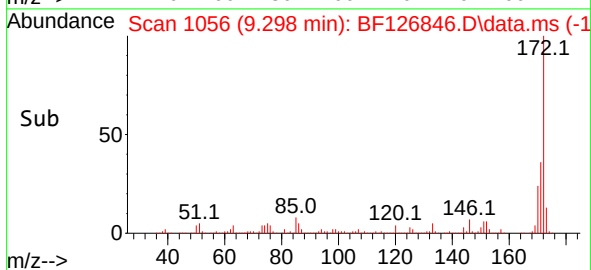
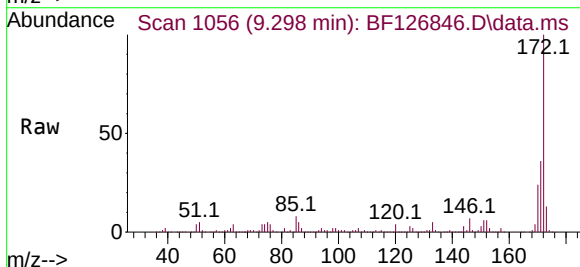
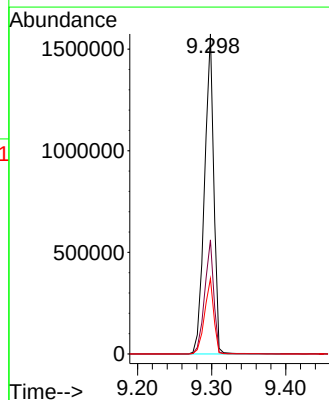
Tgt Ion:172 Resp: 1380474

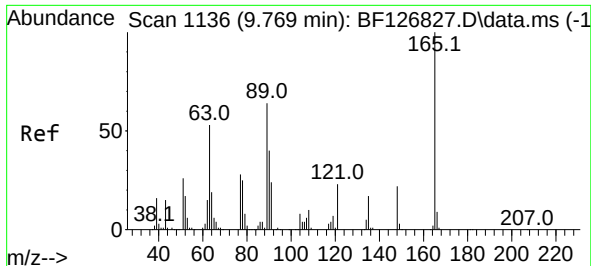
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.124 ng

RT: 9.981 min Scan# 1172

Delta R.T. 0.212 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

Instrument :

BNA_F

ClientSampleId :

MW-19D

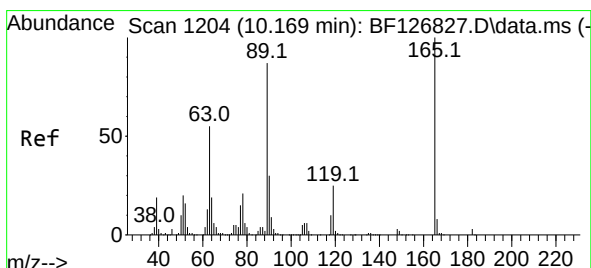
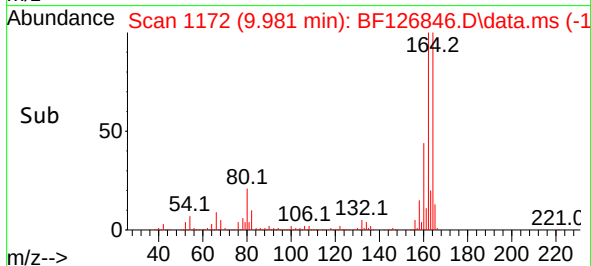
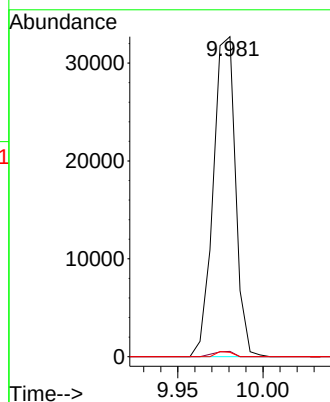
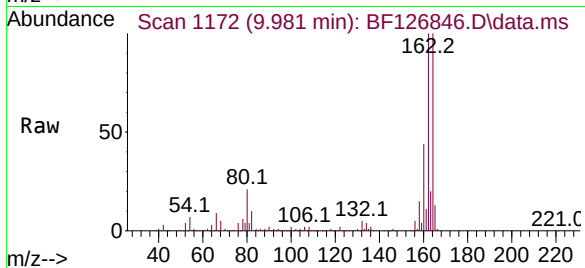
Tgt Ion:165 Resp: 29789

Ion Ratio Lower Upper

165 100

63 1.7 49.9 74.9#

89 1.3 51.0 76.4#



#57

2,4-Dinitrotoluene

Concen: 6.901 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.188 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

Tgt Ion:165 Resp: 29789

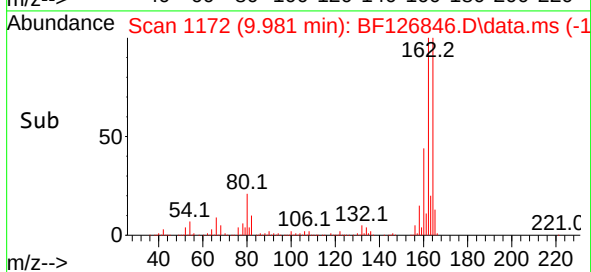
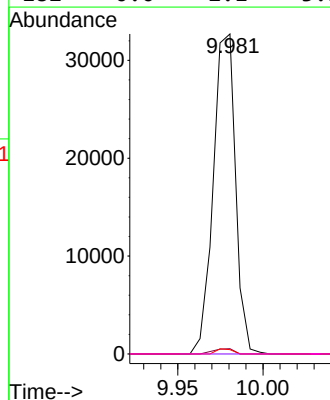
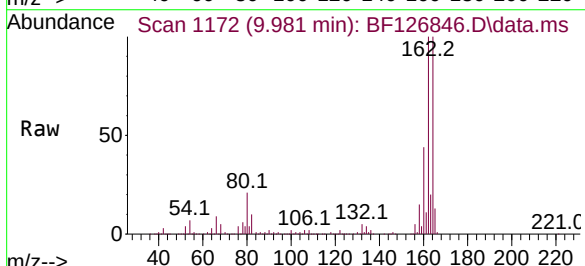
Ion Ratio Lower Upper

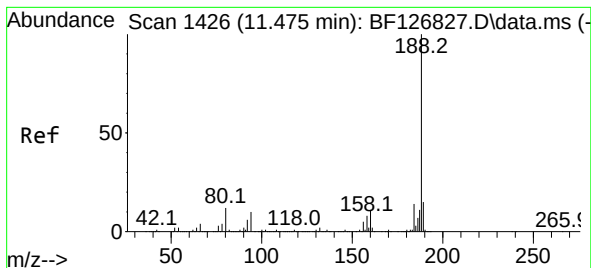
165 100

63 1.7 43.9 65.9#

89 1.3 69.8 104.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

Instrument :

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ClientSampleId :

MW-19D

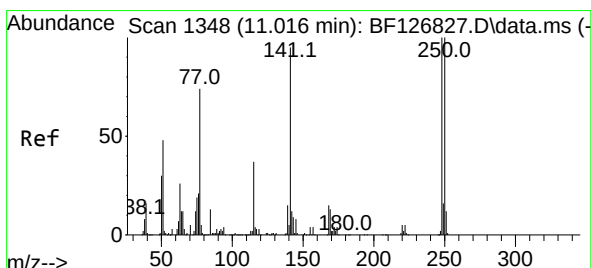
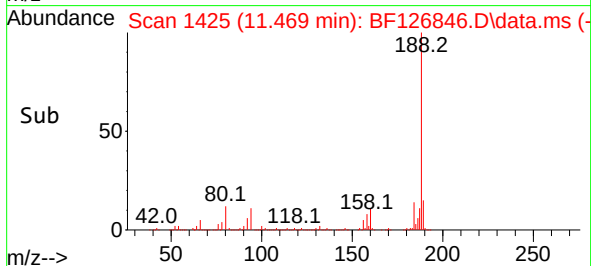
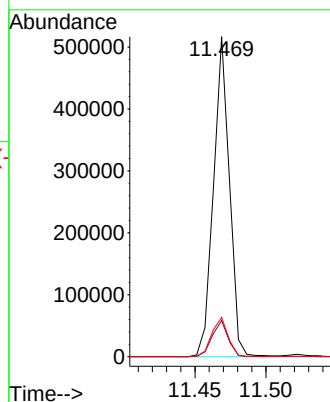
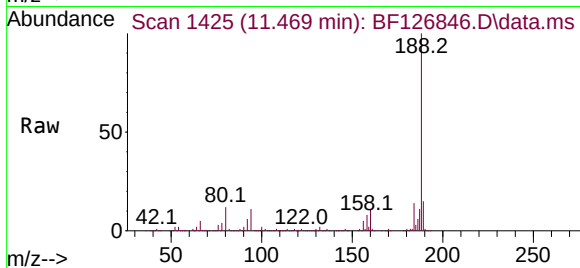
Tgt Ion:188 Resp: 402161

Ion Ratio Lower Upper

188 100

94 11.3 8.1 12.1

80 12.2 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 3.587 ng

RT: 10.769 min Scan# 1306

Delta R.T. -0.247 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

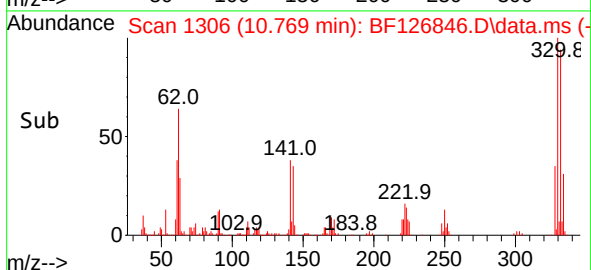
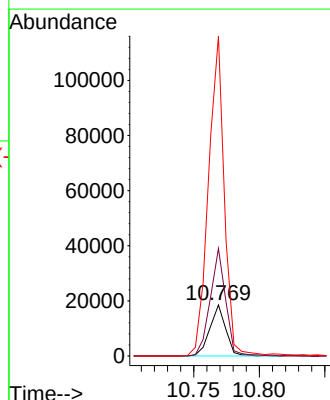
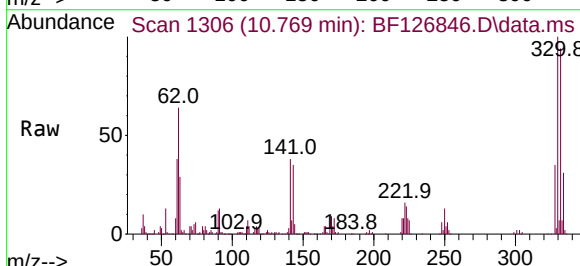
Tgt Ion:248 Resp: 15676

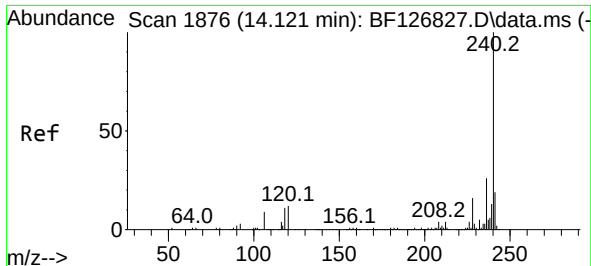
Ion Ratio Lower Upper

248 100

250 210.6 80.0 120.0#

141 626.8 75.6 113.4#

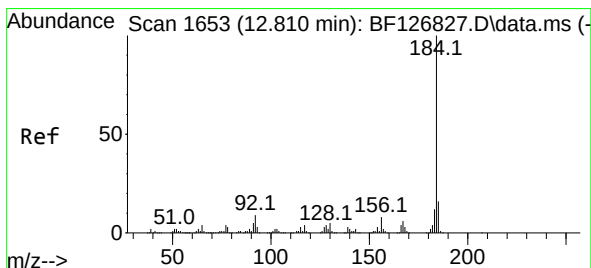
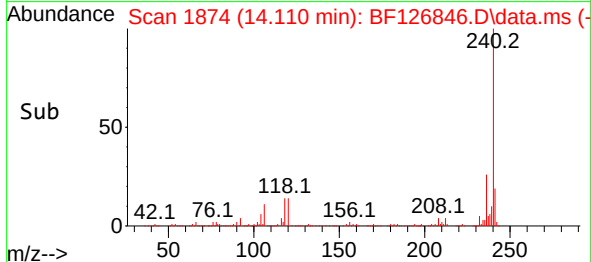
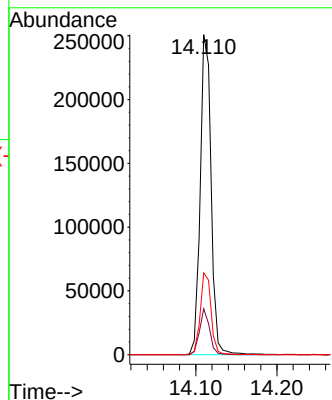
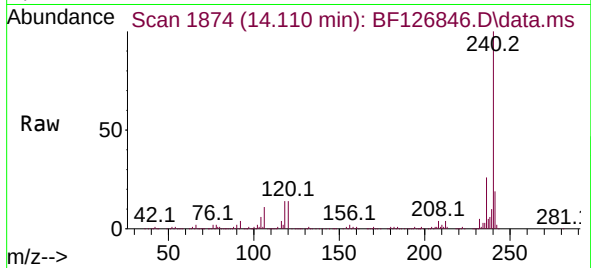




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

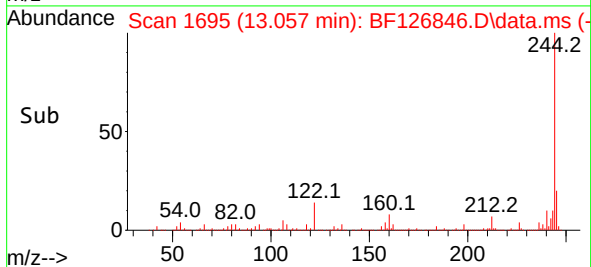
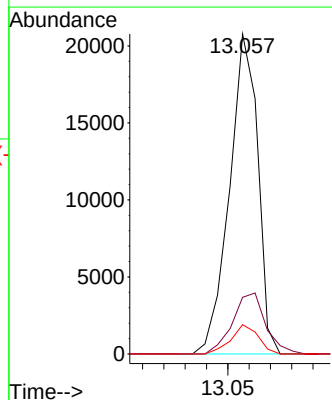
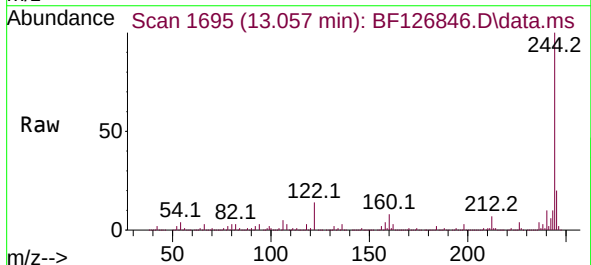
Instrument :
BNA_F
ClientSampleId :
MW-19D

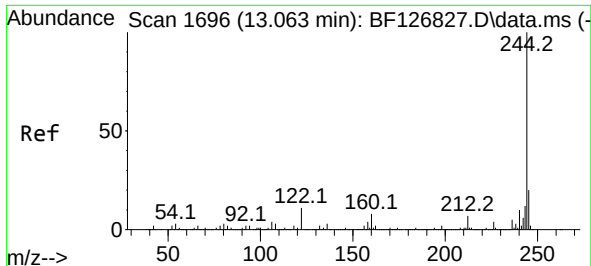
Tgt Ion:240 Resp: 234314
Ion Ratio Lower Upper
240 100
120 14.4 9.8 14.6
236 25.6 20.5 30.7



#77
Benzidine
Concen: 3.113 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.247 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion:184 Resp: 19195
Ion Ratio Lower Upper
184 100
185 17.7 12.5 18.7
183 9.2 9.6 14.4#

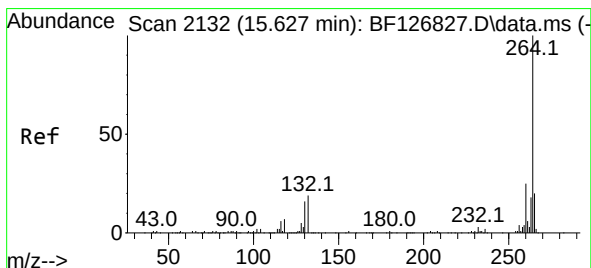
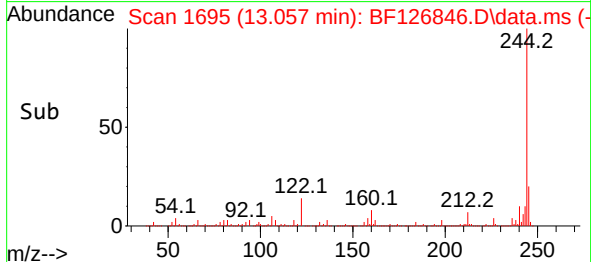
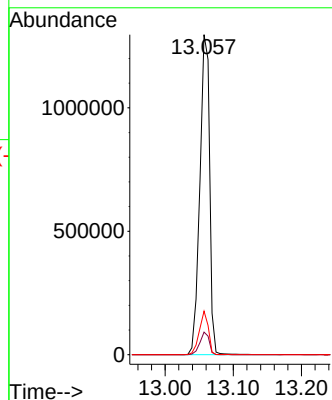
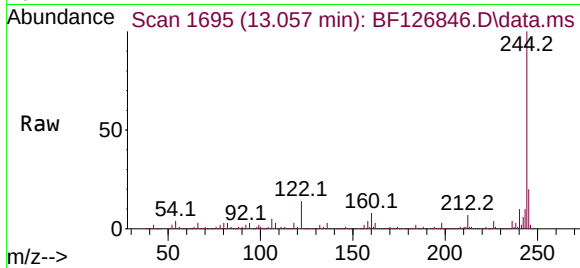




#79
 Terphenyl-d14
 Concen: 78.953 ng
 RT: 13.057 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126846.D
 Acq: 10 Feb 2022 16:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Tgt Ion:244 Resp: 1290469
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.6 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126846.D
 Acq: 10 Feb 2022 16:27

Tgt Ion:264 Resp: 179817
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 21.2 15.9 23.9

