

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126850.D
 Acq On : 10 Feb 2022 18:23
 Operator : CG\JU
 Sample : N1359-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9D

Quant Time: Feb 11 03:16:26 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)

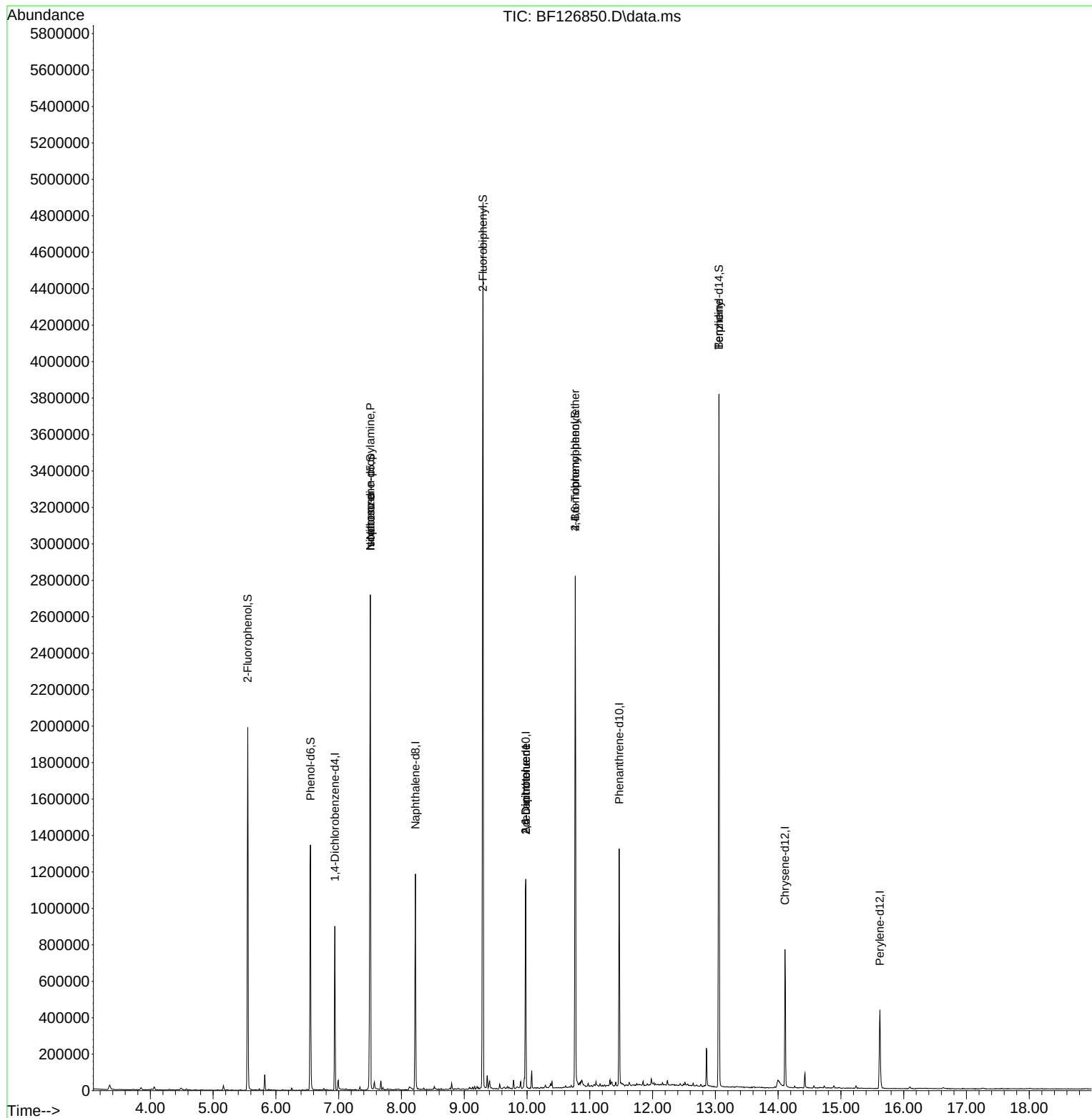
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	112012	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	441984	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	224052	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	397187	20.000	ng	0.00
76) Chrysene-d12	14.110	240	226375	20.000	ng	-0.01
86) Perylene-d12	15.621	264	180486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	467227	64.223	ng	0.00
7) Phenol-d6	6.551	99	421599	42.927	ng	-0.01
23) Nitrobenzene-d5	7.504	82	878260	91.684	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	311043	129.493	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1338360	89.917	ng	0.00
79) Terphenyl-d14	13.057	244	1247964	79.030	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	117827	18.945	ng	# 77
25) Isophorone	7.504	82	878249	54.723	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	30010	9.349	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	30010	7.071	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	18143	4.203	ng	# 1
77) Benzidine	13.057	184	17866	2.999	ng	# 89

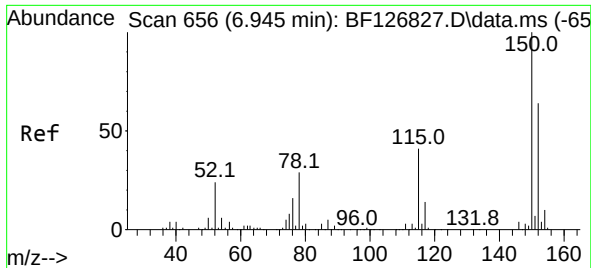
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
Data File : BF126850.D
Acq On : 10 Feb 2022 18:23
Operator : CG\JU
Sample : N1359-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9D

Quant Time: Feb 11 03:16:26 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

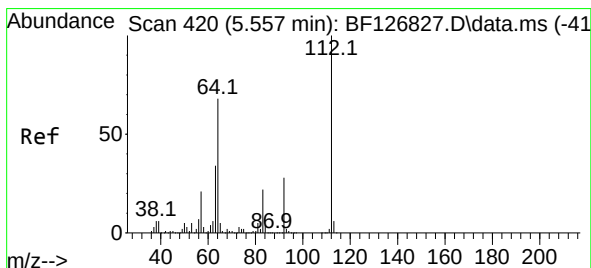
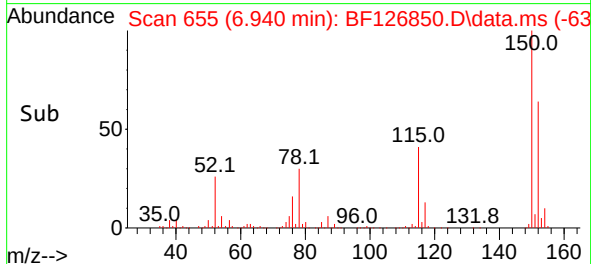
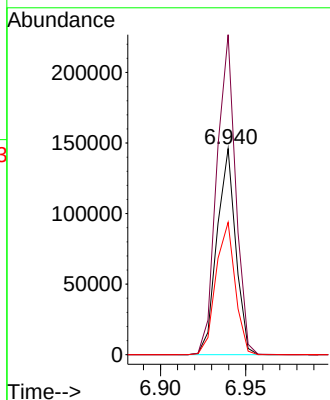
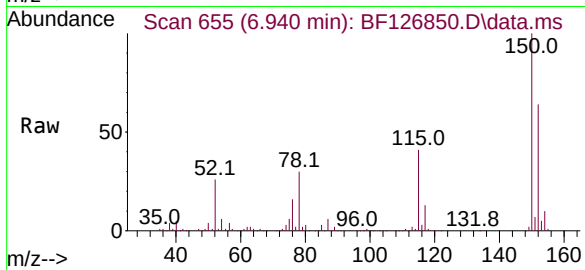




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

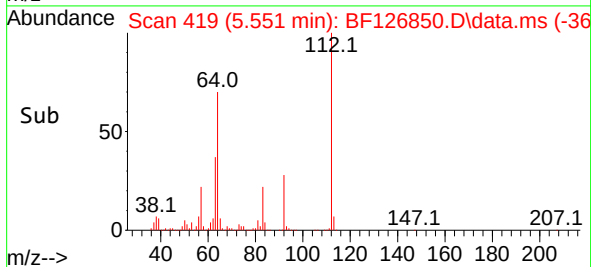
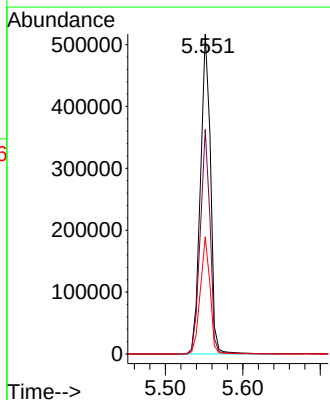
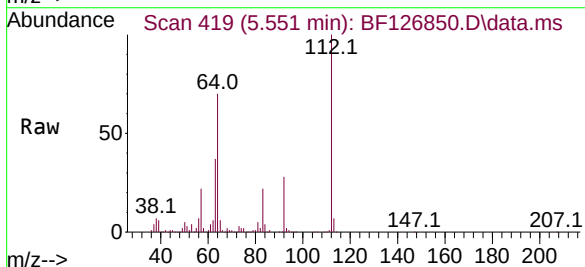
Instrument :
BNA_F
ClientSampleId :
MW-9D

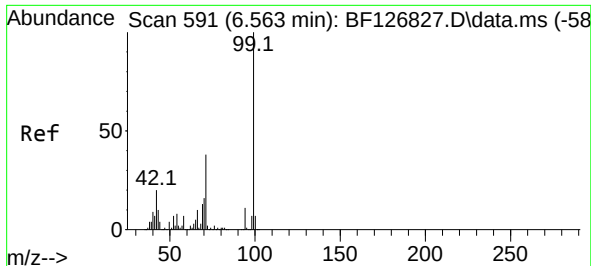
Tgt Ion:152 Resp: 112012
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 64.2 50.5 75.7



#5
2-Fluorophenol
Concen: 64.223 ng
RT: 5.551 min Scan# 419
Delta R.T. -0.006 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

Tgt Ion:112 Resp: 467227
Ion Ratio Lower Upper
112 100
64 70.1 54.3 81.5
63 36.6 27.5 41.3

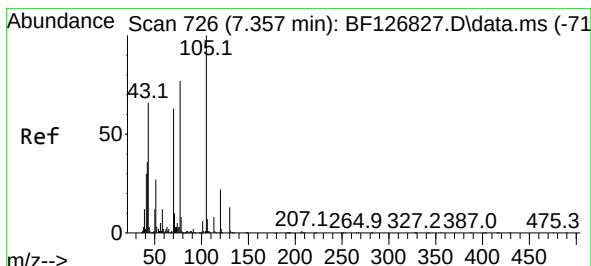
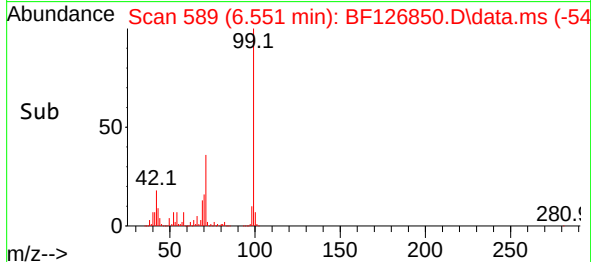
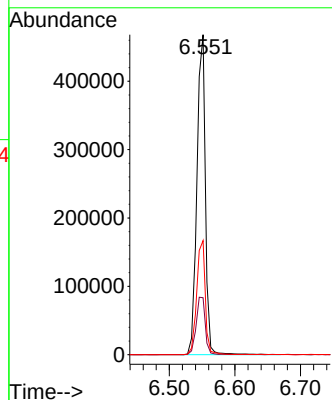
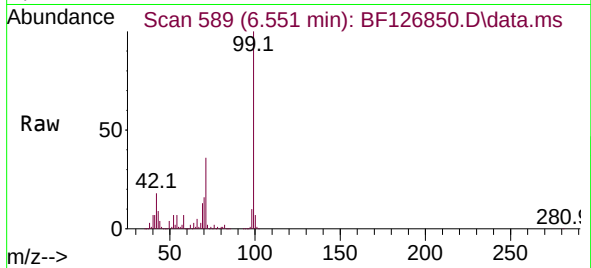




#7
Phenol-d6
Concen: 42.927 ng
RT: 6.551 min Scan# 591
Delta R.T. -0.012 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

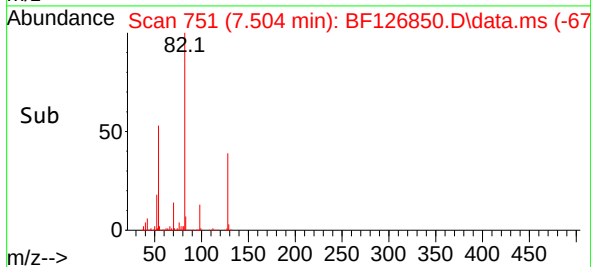
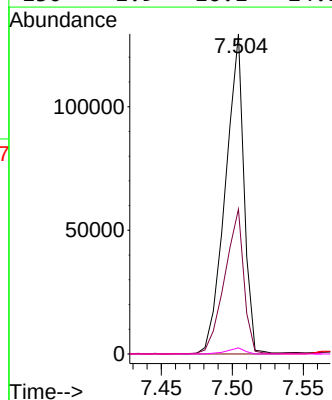
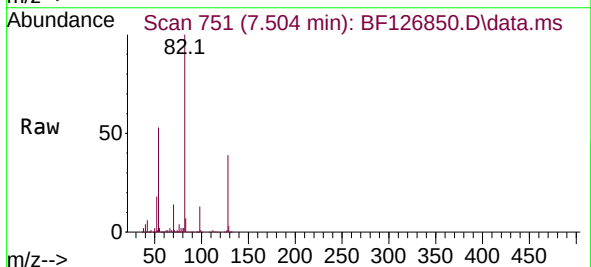
Instrument :
BNA_F
ClientSampleId :
MW-9D

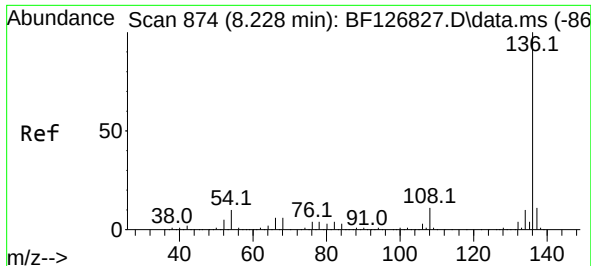
Tgt Ion: 99 Resp: 421599
Ion Ratio Lower Upper
99 100
42 17.8 15.8 23.6
71 35.7 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.945 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

Tgt Ion: 70 Resp: 117827
Ion Ratio Lower Upper
70 100
42 45.3 46.3 69.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



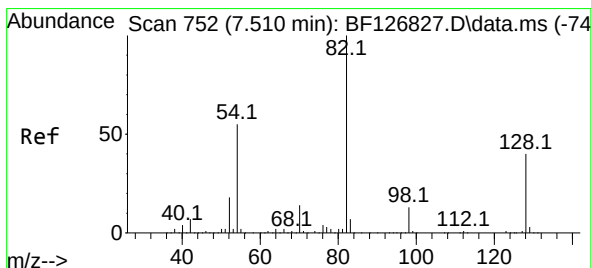
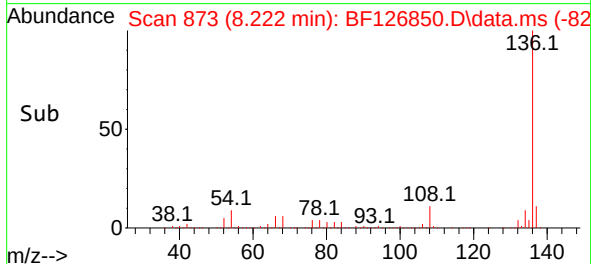
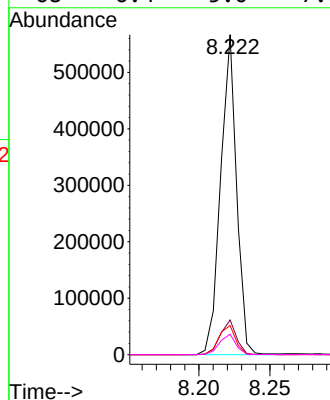
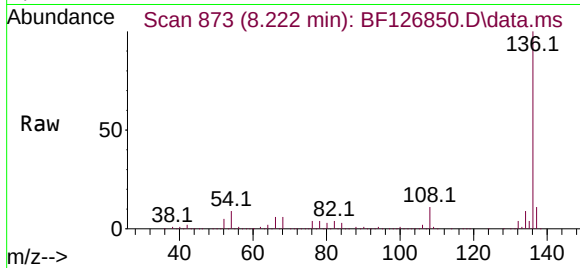


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

Instrument :
BNA_F
ClientSampleId :
MW-9D

Tgt Ion:136 Resp: 441984

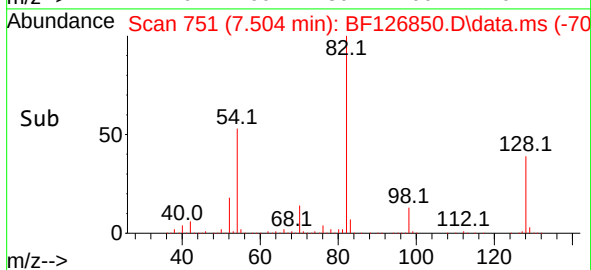
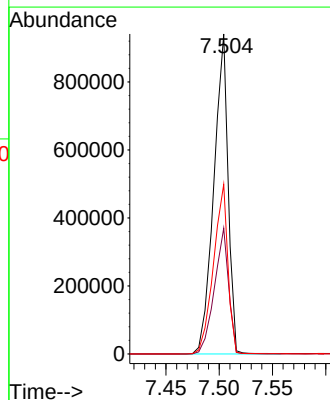
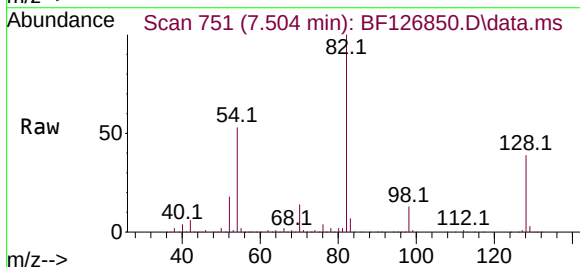
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.1	8.0	12.0
68	6.4	5.0	7.6

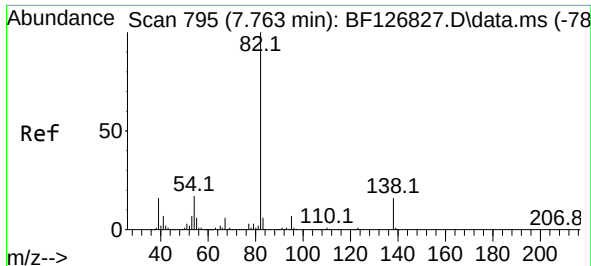


#23
Nitrobenzene-d5
Concen: 91.684 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

Tgt Ion: 82 Resp: 878260

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.6	47.4
54	53.0	43.7	65.5

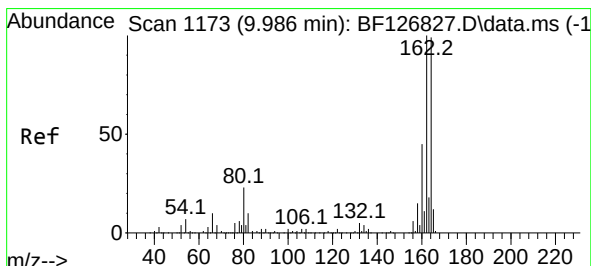
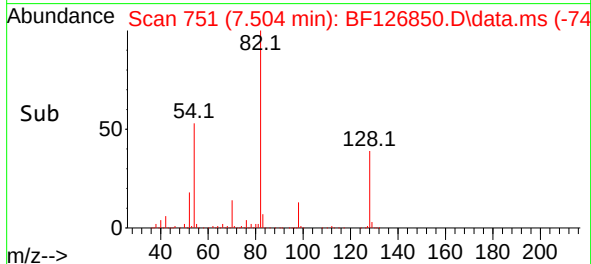
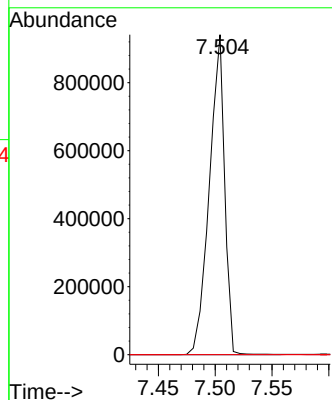
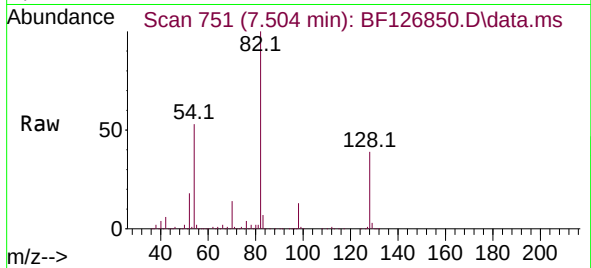




#25
Isophorone
Concen: 54.723 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

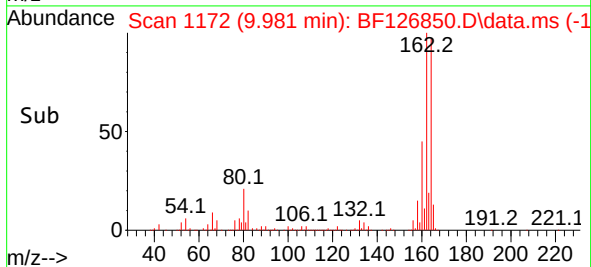
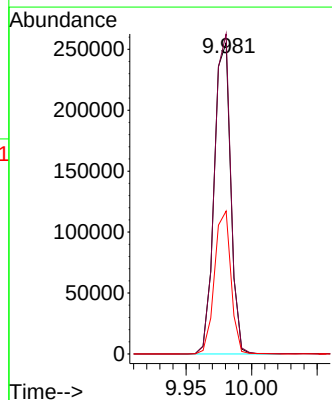
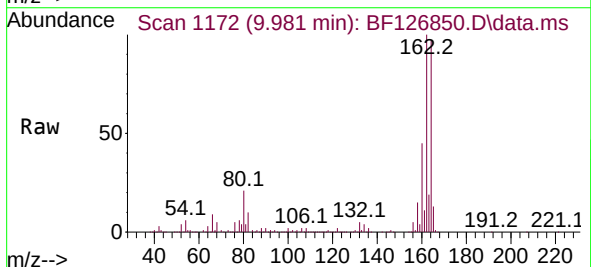
Instrument :
BNA_F
ClientSampleId :
MW-9D

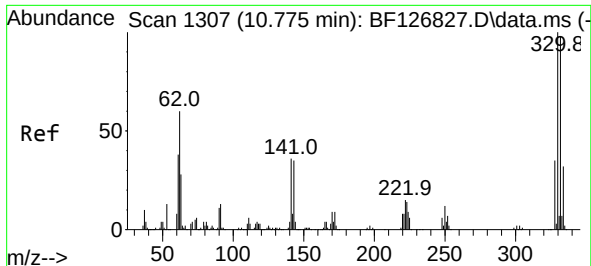
Tgt Ion: 82 Resp: 878249
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

Tgt Ion: 164 Resp: 224052
Ion Ratio Lower Upper
164 100
162 102.8 80.9 121.3
160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 129.493 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126850.D

Acq: 10 Feb 2022 18:23

Instrument :

BNA_F

ClientSampleId :

MW-9D

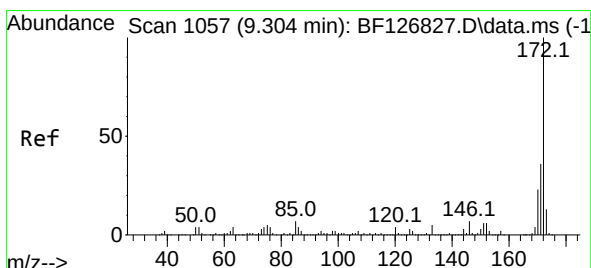
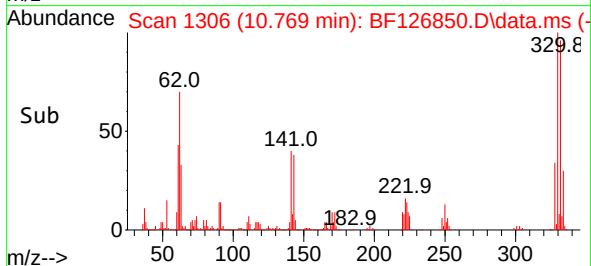
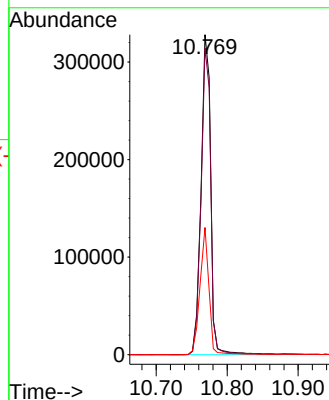
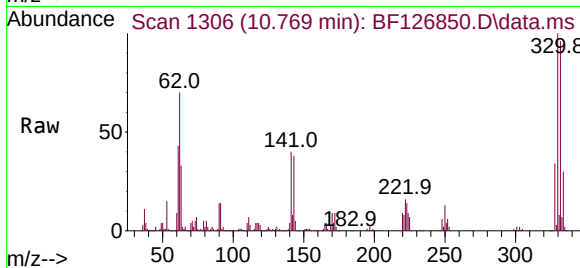
Tgt Ion:330 Resp: 311043

Ion Ratio Lower Upper

330 100

332 95.8 78.2 117.4

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 89.917 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126850.D

Acq: 10 Feb 2022 18:23

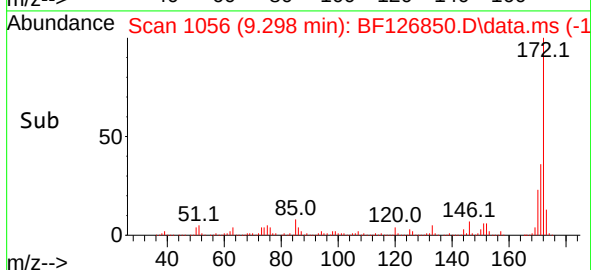
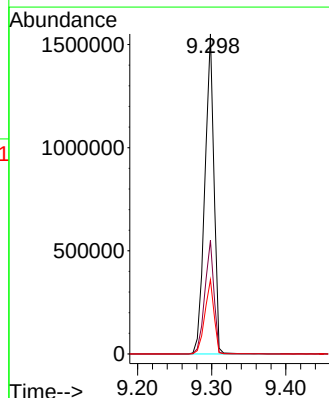
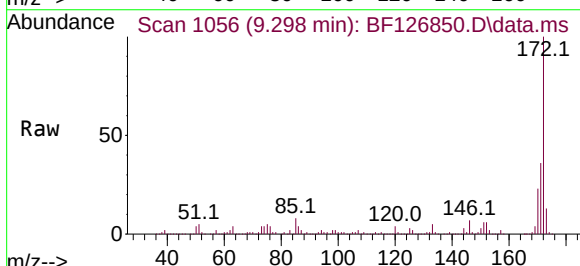
Tgt Ion:172 Resp: 1338360

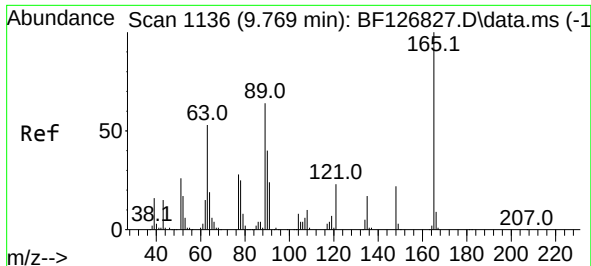
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.2 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.349 ng

RT: 9.981 min Scan# 1172

Delta R.T. 0.212 min

Lab File: BF126850.D

Acq: 10 Feb 2022 18:23

Instrument :

BNA_F

ClientSampleId :

MW-9D

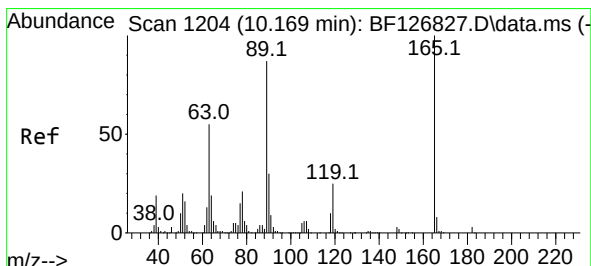
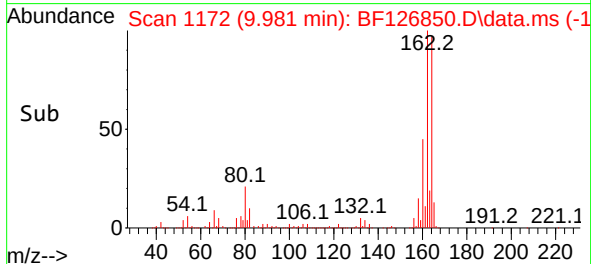
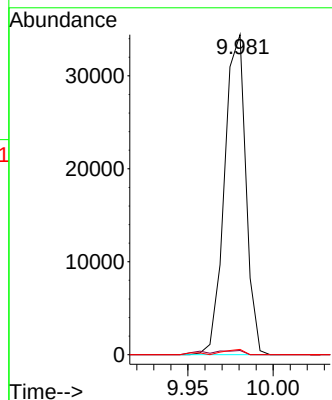
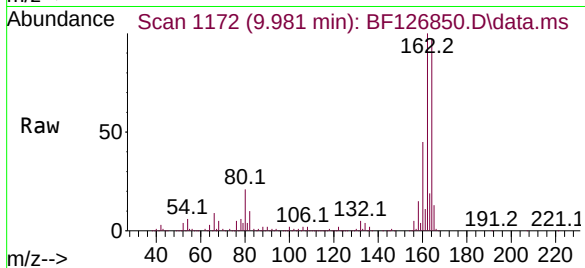
Tgt Ion:165 Resp: 30010

Ion Ratio Lower Upper

165 100

63 1.3 49.9 74.9#

89 1.6 51.0 76.4#



#57

2,4-Dinitrotoluene

Concen: 7.071 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.188 min

Lab File: BF126850.D

Acq: 10 Feb 2022 18:23

Tgt Ion:165 Resp: 30010

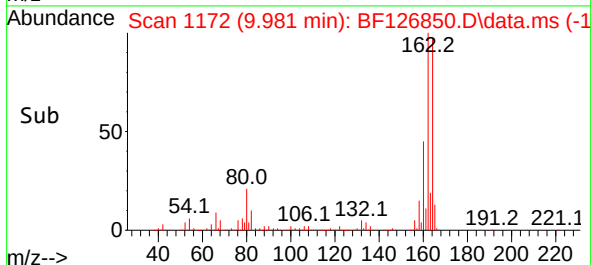
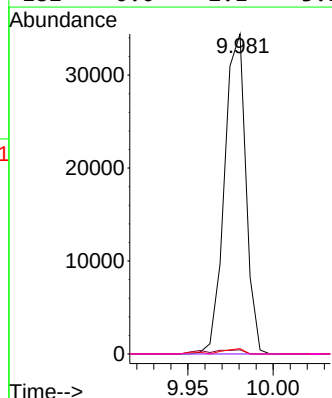
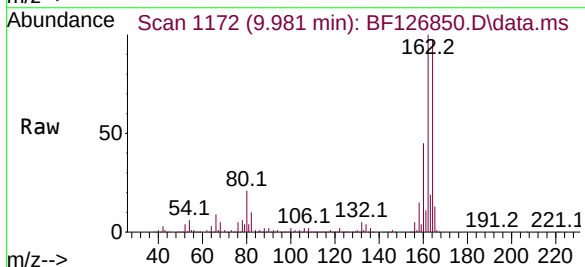
Ion Ratio Lower Upper

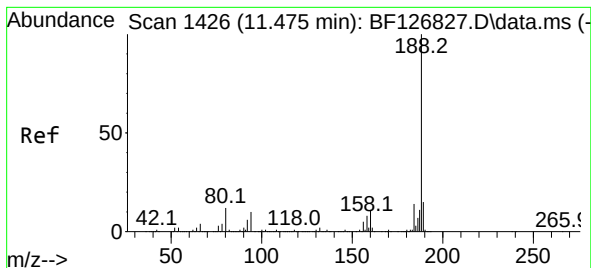
165 100

63 1.3 43.9 65.9#

89 1.6 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: BF126850.D

Acq: 10 Feb 2022 18:23

Instrument :

BNA_F

ClientSampleId :

MW-9D

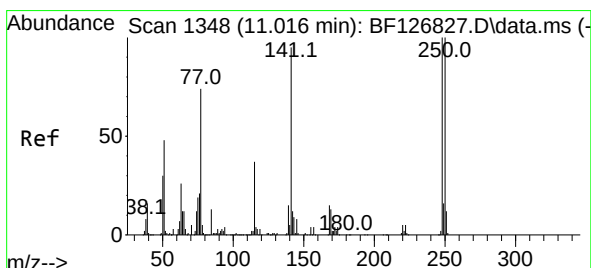
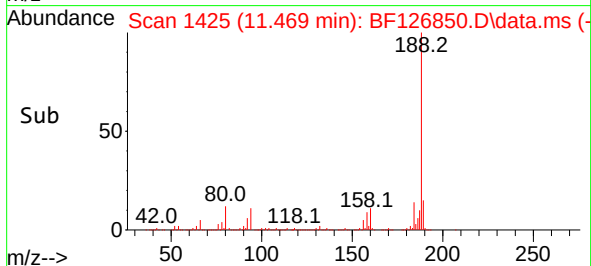
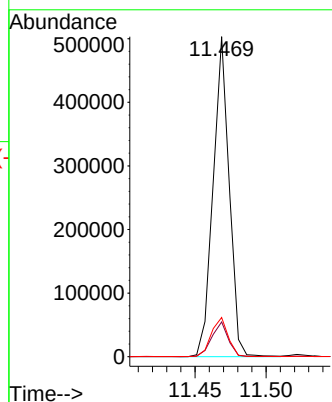
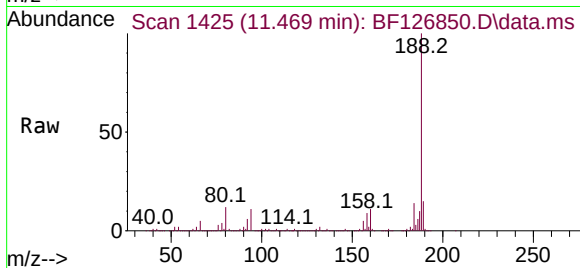
Tgt Ion:188 Resp: 397187

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 12.2 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 4.203 ng

RT: 10.769 min Scan# 1306

Delta R.T. -0.247 min

Lab File: BF126850.D

Acq: 10 Feb 2022 18:23

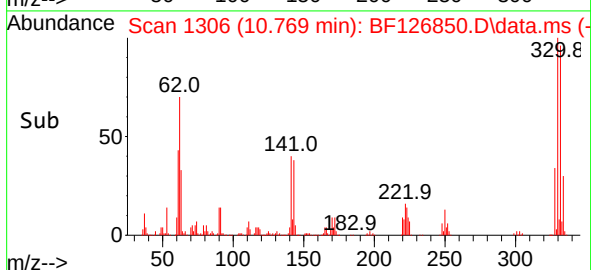
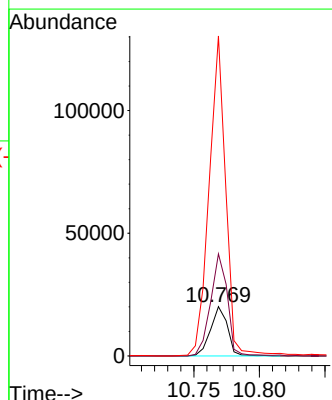
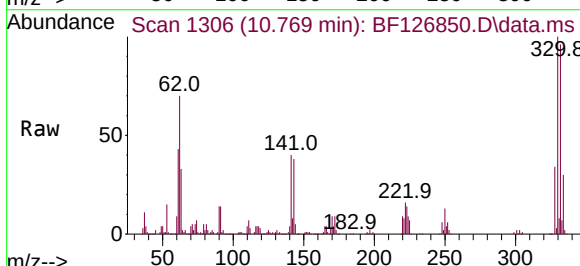
Tgt Ion:248 Resp: 18143

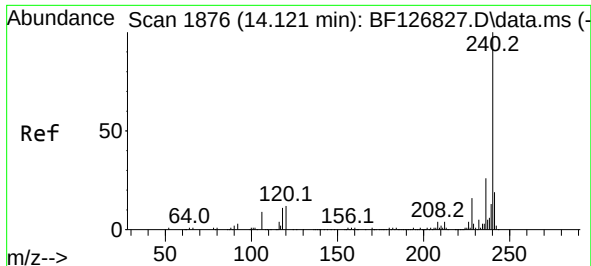
Ion Ratio Lower Upper

248 100

250 207.1 80.0 120.0#

141 649.7 75.6 113.4#

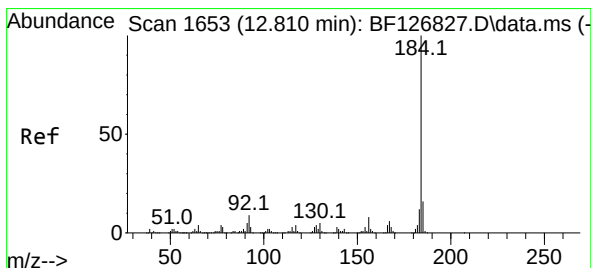
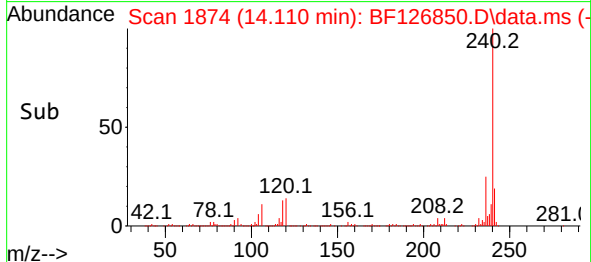
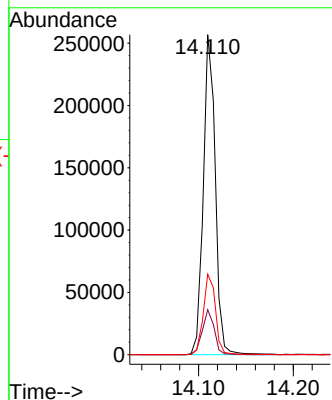
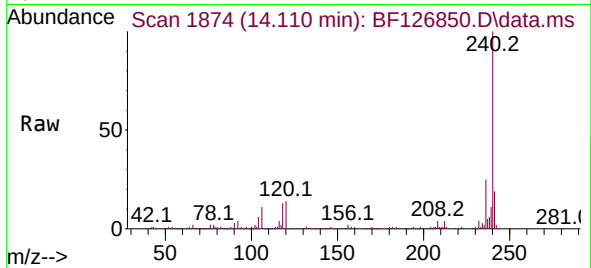




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

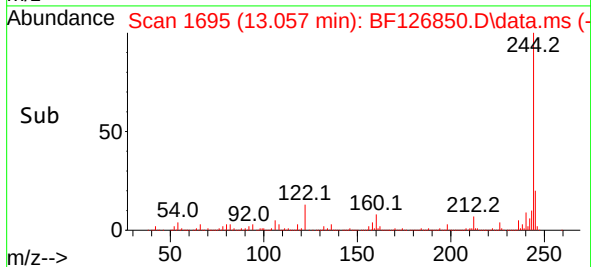
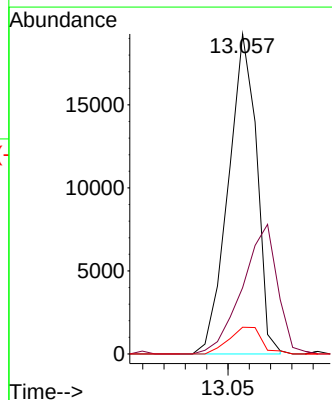
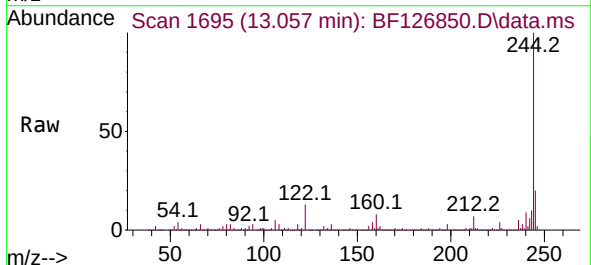
Instrument :
BNA_F
ClientSampleId :
MW-9D

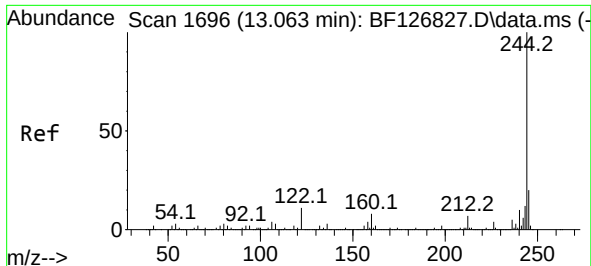
Tgt Ion:240 Resp: 226375
Ion Ratio Lower Upper
240 100
120 14.1 9.8 14.6
236 25.1 20.5 30.7



#77
Benidine
Concen: 2.999 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.247 min
Lab File: BF126850.D
Acq: 10 Feb 2022 18:23

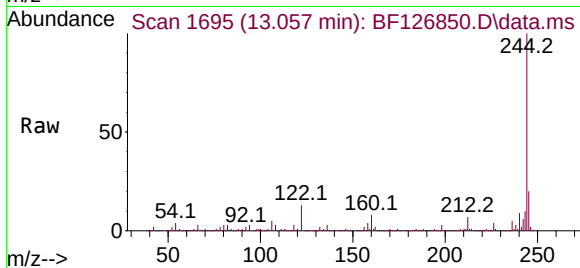
Tgt Ion:184 Resp: 17866
Ion Ratio Lower Upper
184 100
185 20.7 12.5 18.7#
183 8.4 9.6 14.4#



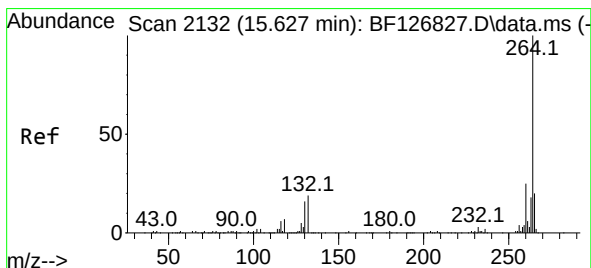
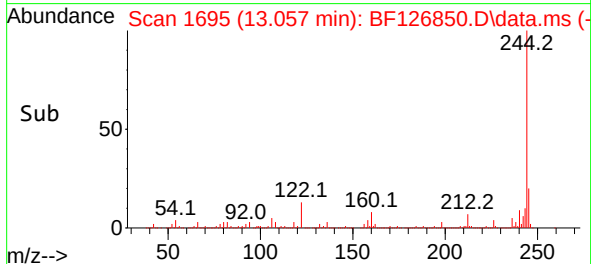
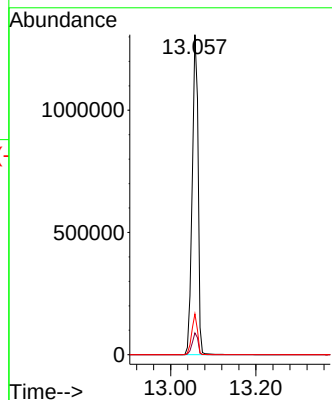


#79
 Terphenyl-d14
 Concen: 79.030 ng
 RT: 13.057 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126850.D
 Acq: 10 Feb 2022 18:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-9D



Tgt Ion:244 Resp: 1247964
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 12.8 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: BF126850.D
 Acq: 10 Feb 2022 18:23

Tgt Ion:264 Resp: 180486
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.2 15.9 23.9

