

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130646.D
 Acq On : 13 Oct 2022 14:40
 Operator : CG\JU
 Sample : N5083-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Quant Time: Oct 14 05:59:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

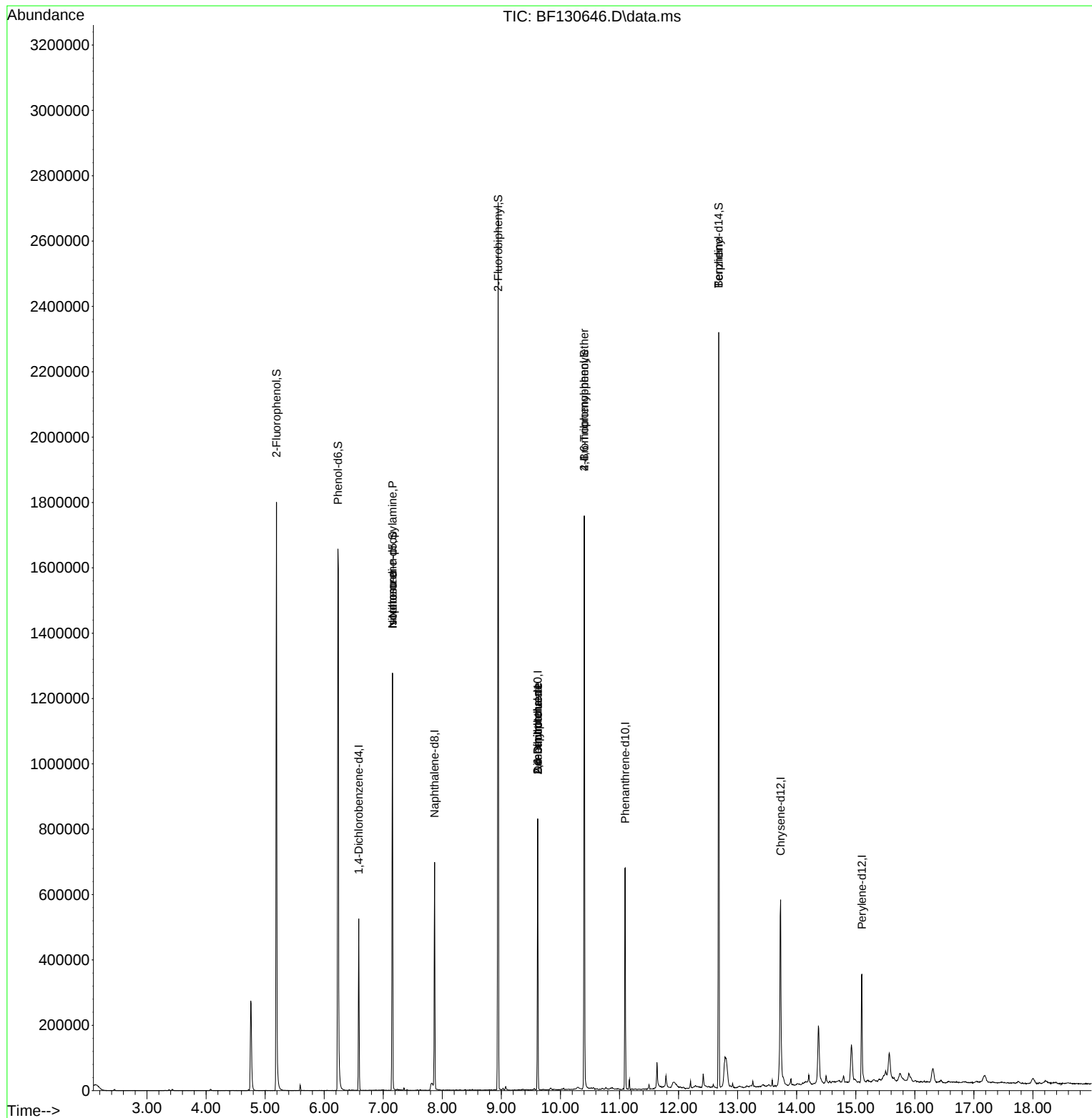
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	71776	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	282069	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	155681	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	261171	20.000	ng	# 0.00
76) Chrysene-d12	13.727	240	135882	20.000	ng	0.00
86) Perylene-d12	15.104	264	138176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	505291	126.896	ng	0.00
7) Phenol-d6	6.234	99	634896	126.817	ng	0.00
23) Nitrobenzene-d5	7.157	82	380102	73.564	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	205277	134.755	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	779117	75.807	ng	0.00
79) Terphenyl-d14	12.680	244	733431	89.585	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	51449	15.928	ng	# 77
25) Isophorone	7.157	82	380098	44.199	ng	# 64
50) Dimethylphthalate	9.616	163	28577	2.652	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	20224	8.555	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	20224	6.657	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	12189	4.125	ng	# 1
77) Benzidine	12.680	184	10371	3.020	ng	# 93

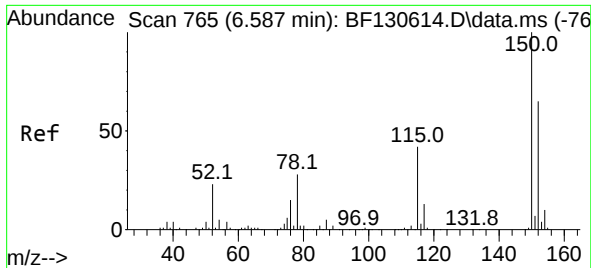
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130646.D
Acq On : 13 Oct 2022 14:40
Operator : CG\JU
Sample : N5083-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Quant Time: Oct 14 05:59:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

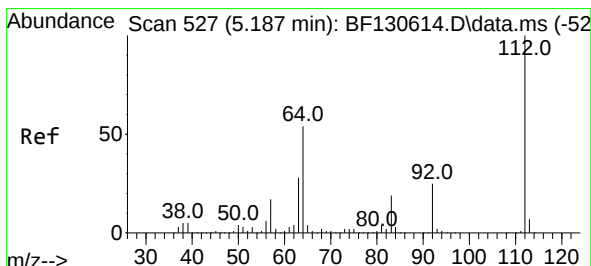
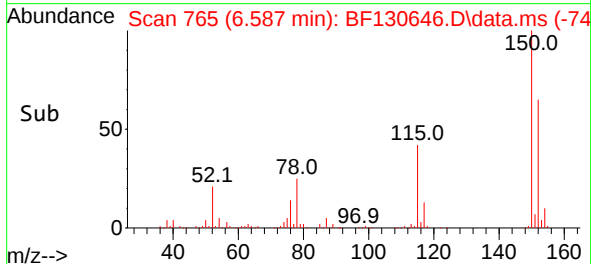
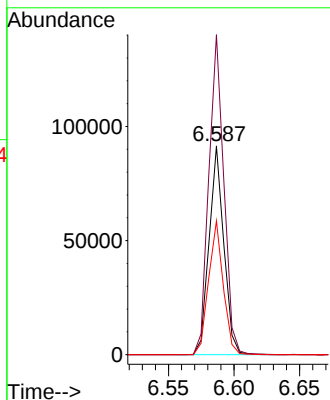
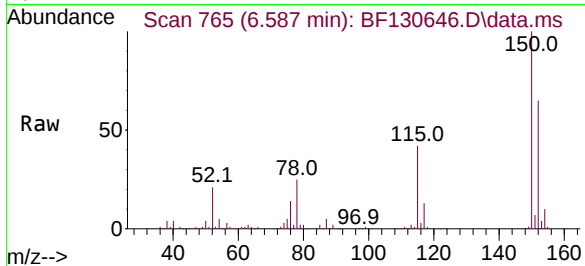




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

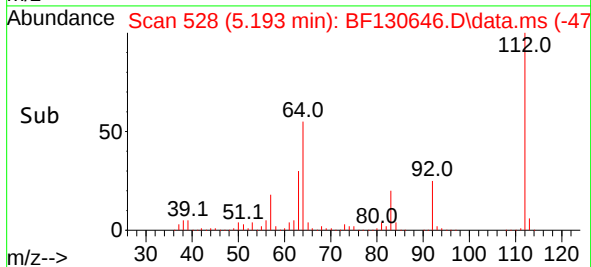
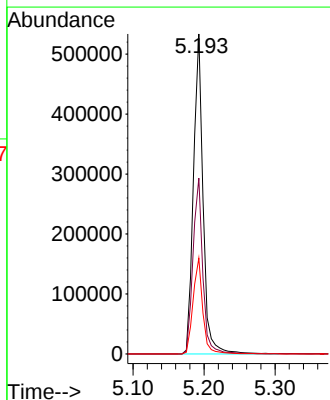
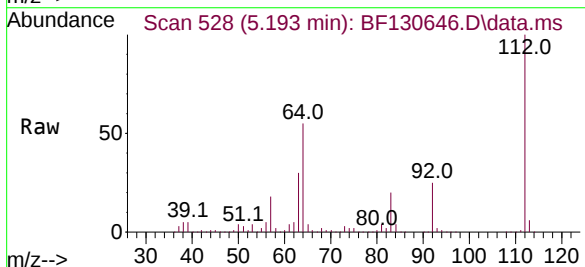
Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

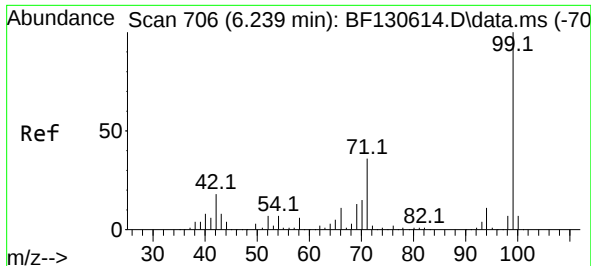
Tgt Ion:152 Resp: 71776
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.6
 115 64.1 52.2 78.4



#5
 2-Fluorophenol
 Concen: 126.896 ng
 RT: 5.193 min Scan# 528
 Delta R.T. 0.006 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

Tgt Ion:112 Resp: 505291
 Ion Ratio Lower Upper
 112 100
 64 54.9 43.5 65.3
 63 29.9 22.6 34.0

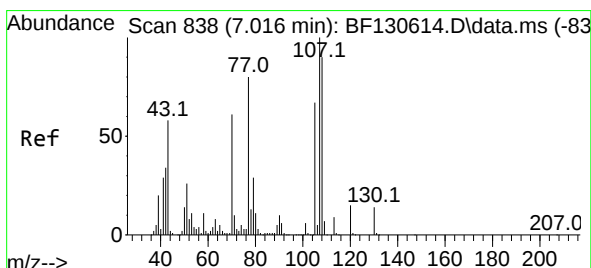
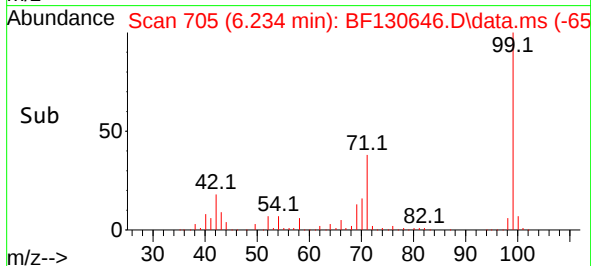
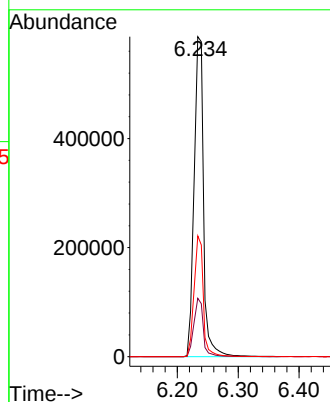
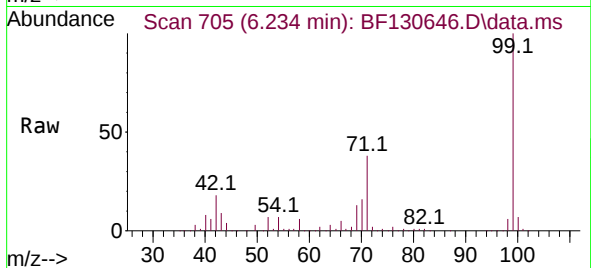




#7
Phenol-d6
Concen: 126.817 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

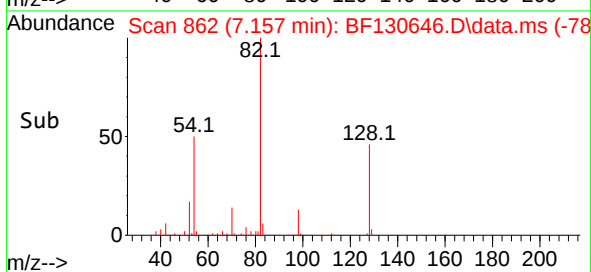
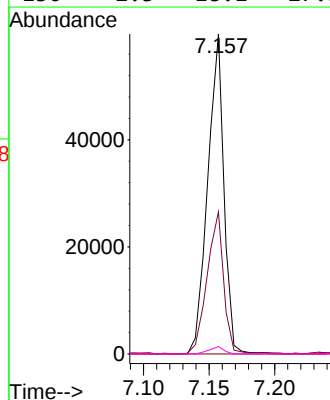
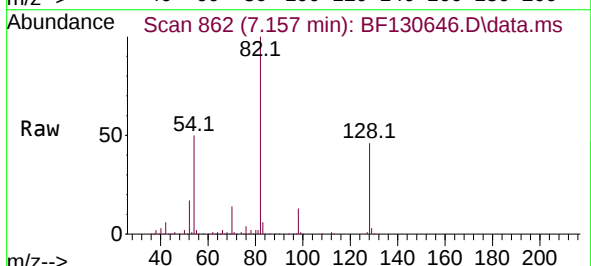
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

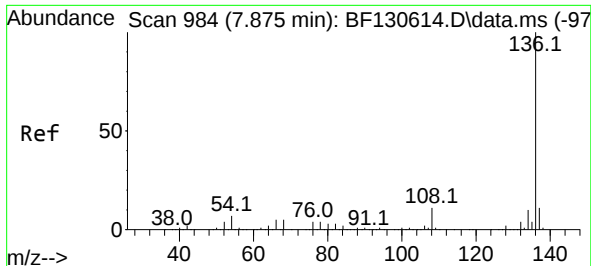
Tgt Ion: 99 Resp: 634896
Ion Ratio Lower Upper
99 100
42 18.3 14.0 21.0
71 37.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.928 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion: 70 Resp: 51449
Ion Ratio Lower Upper
70 100
42 44.4 44.3 66.5
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#

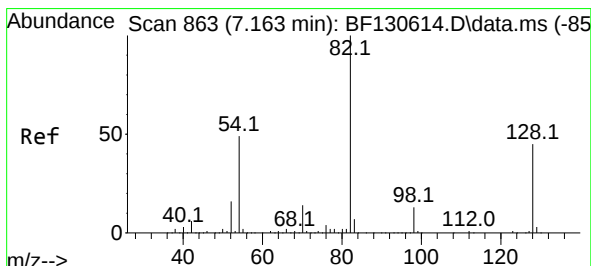
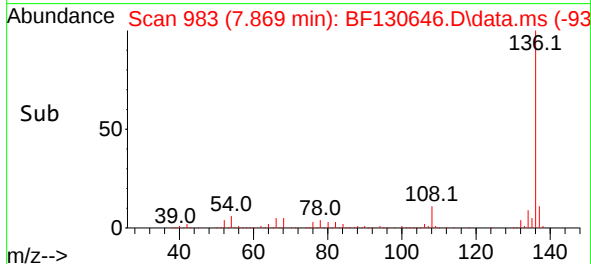
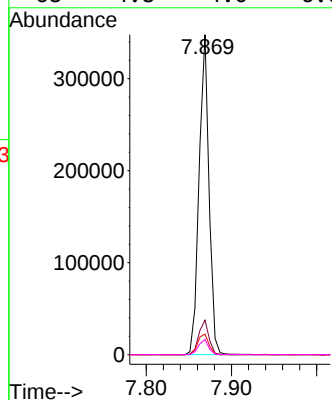
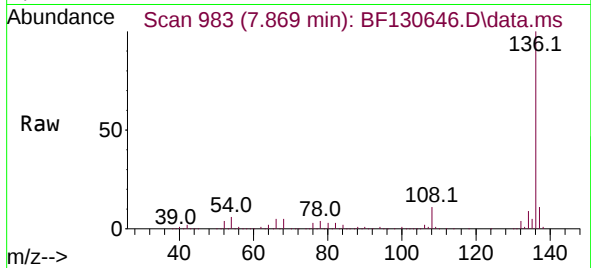




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

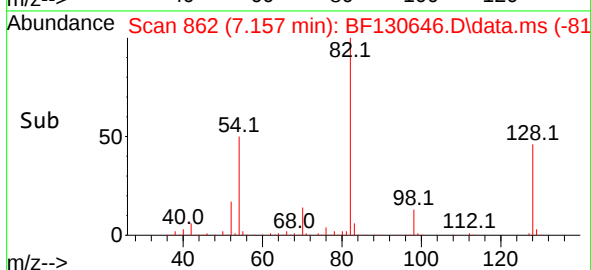
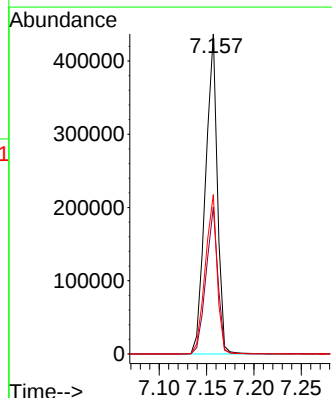
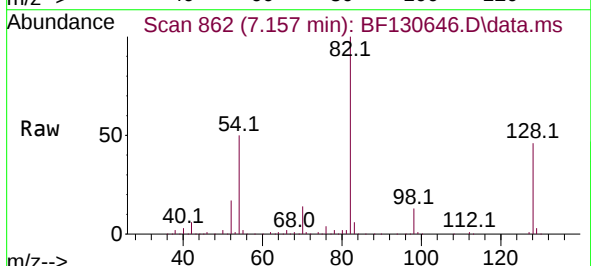
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

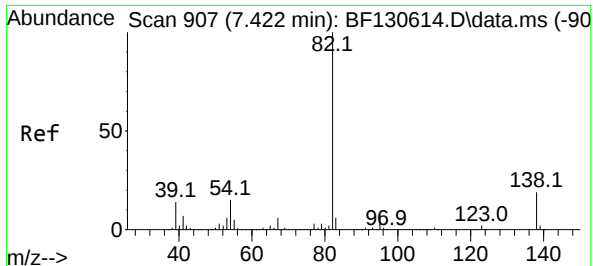
Tgt Ion:136 Resp: 282069
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.4 5.5 8.3
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 73.564 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion: 82 Resp: 380102
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 49.8 39.3 58.9

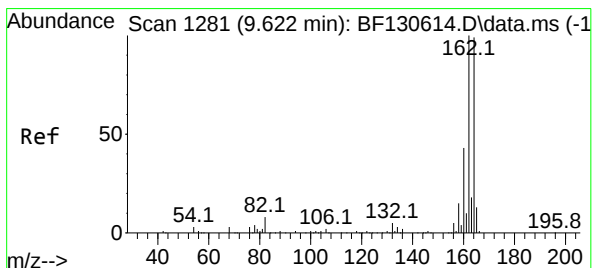
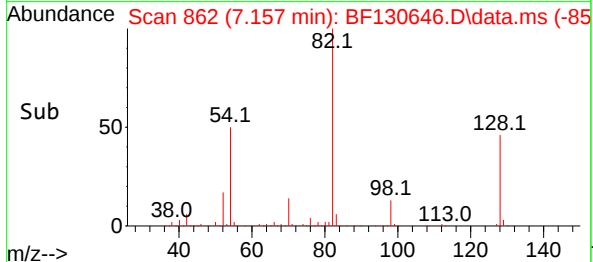
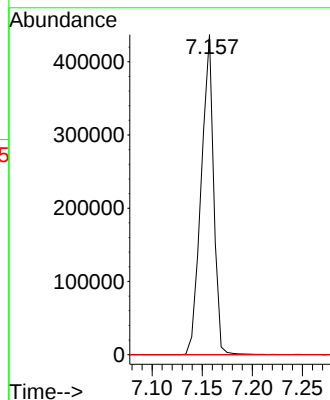
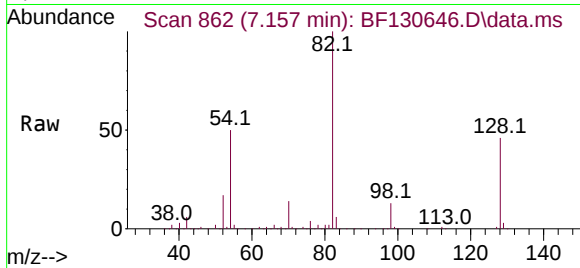




#25
Isophorone
Concen: 44.199 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

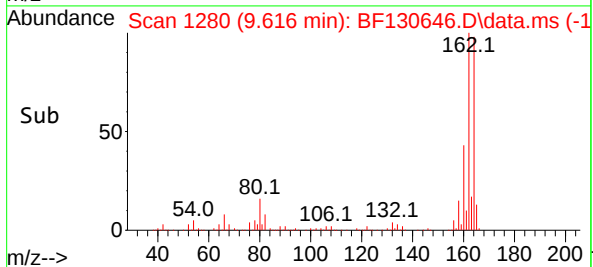
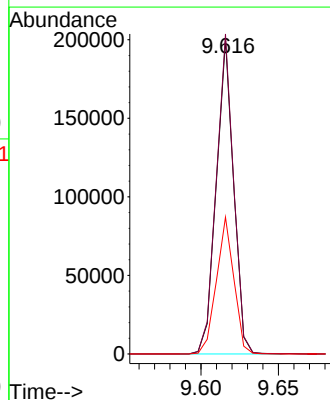
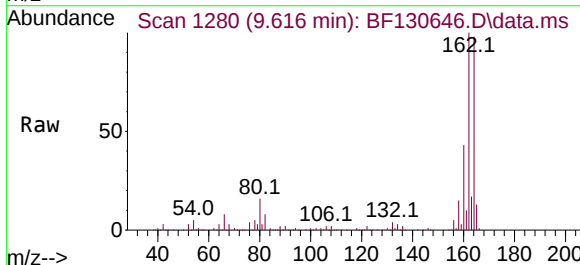
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

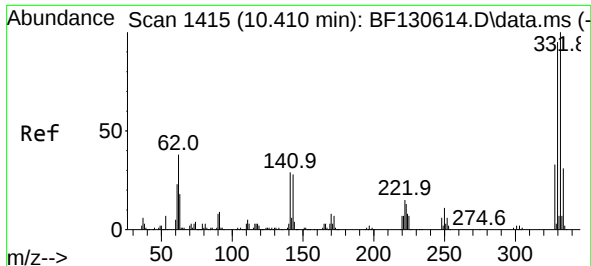
Tgt Ion: 82 Resp: 380098
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion:164 Resp: 155681
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 43.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 134.755 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130646.D

Acq: 13 Oct 2022 14:40

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

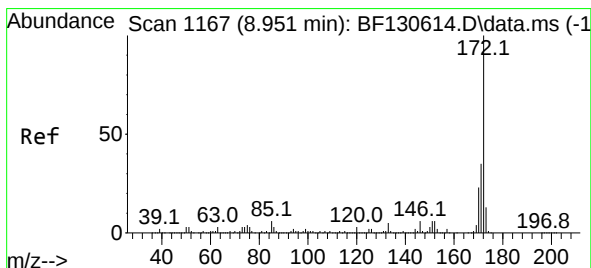
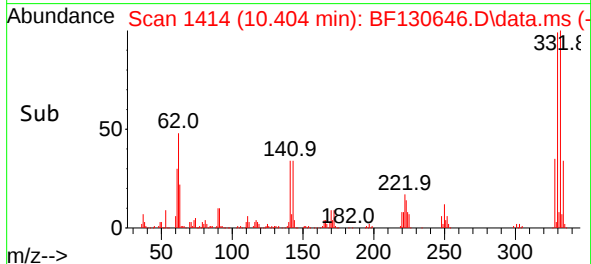
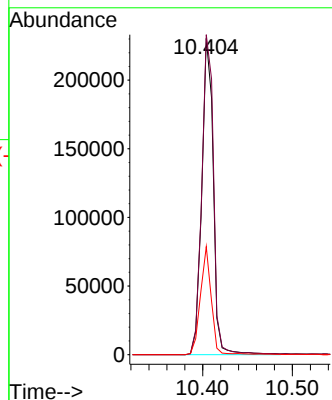
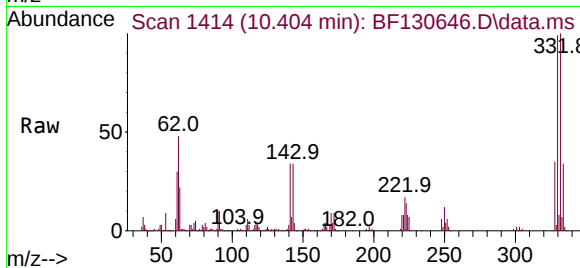
Tgt Ion:330 Resp: 205277

Ion Ratio Lower Upper

330 100

332 104.3 84.2 126.4

141 32.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 75.807 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130646.D

Acq: 13 Oct 2022 14:40

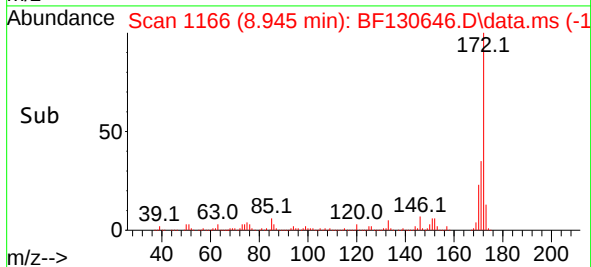
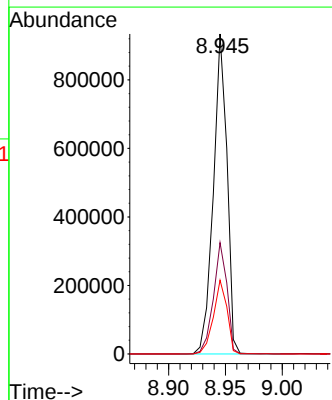
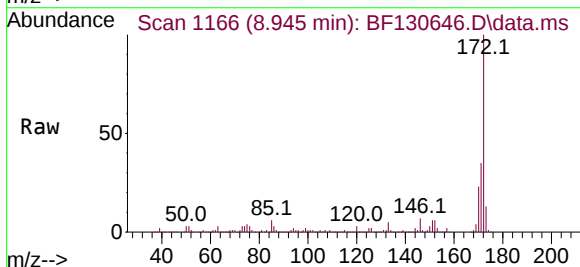
Tgt Ion:172 Resp: 779117

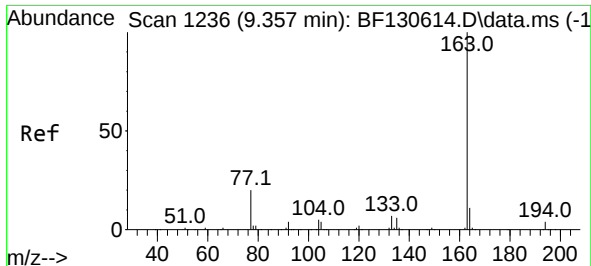
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.0 18.6 27.8

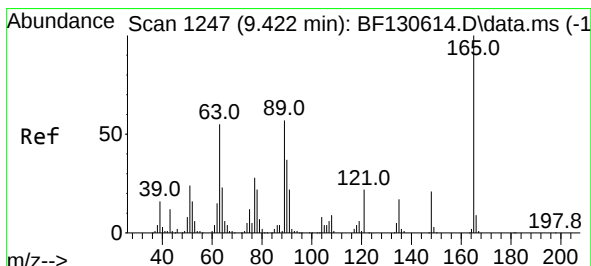
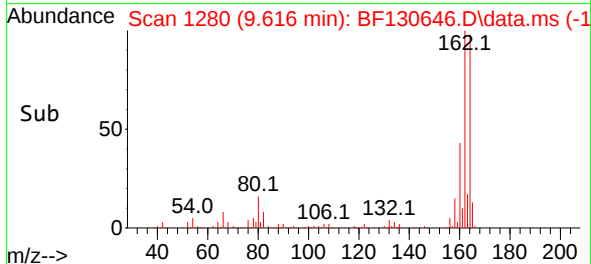
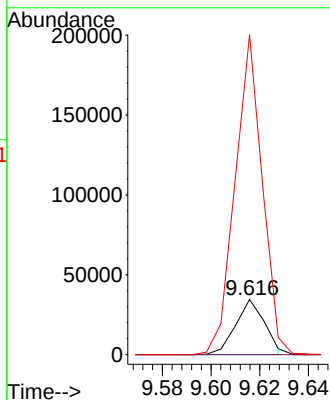
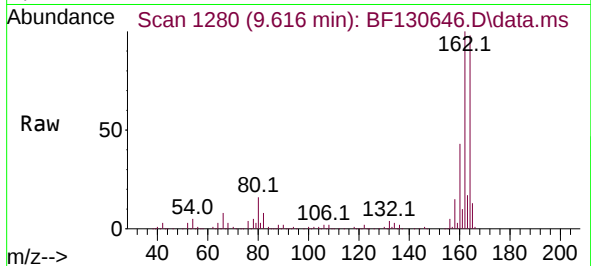




#50
Dimethylphthalate
Concen: 2.652 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

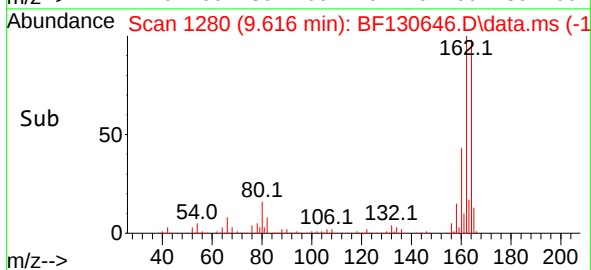
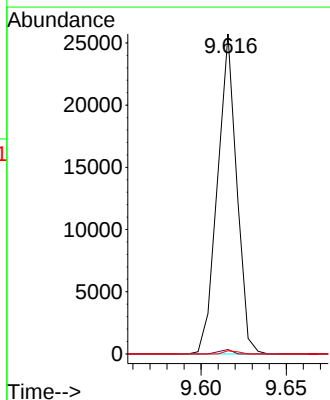
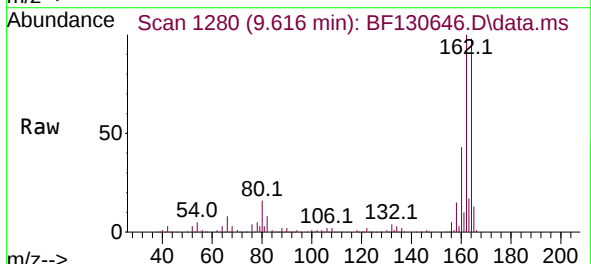
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

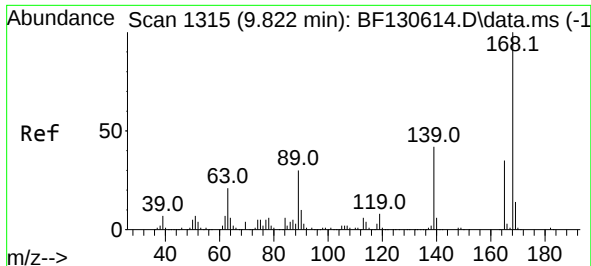
Tgt Ion:163 Resp: 28577
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 580.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.555 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion:165 Resp: 20224
Ion Ratio Lower Upper
165 100
63 1.4 45.3 67.9#
89 1.0 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.657 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.206 min

Lab File: BF130646.D

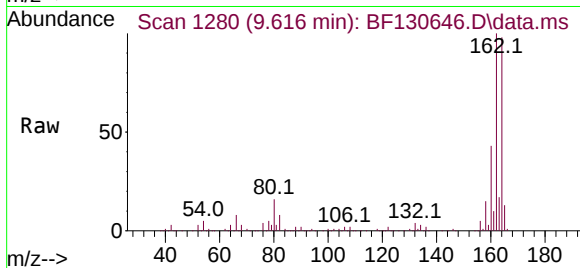
Acq: 13 Oct 2022 14:40

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2



Tgt Ion:165 Resp: 20224

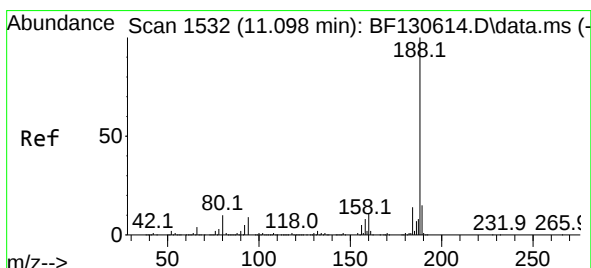
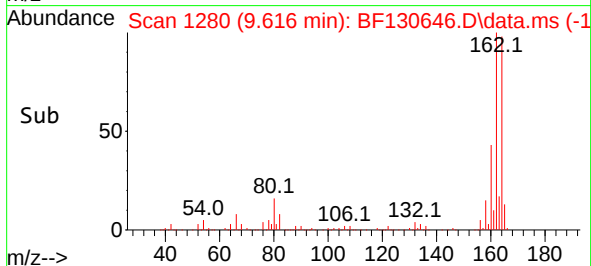
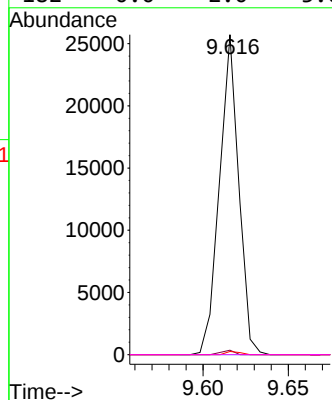
Ion Ratio Lower Upper

165 100

63 1.4 50.6 76.0#

89 1.0 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF130646.D

Acq: 13 Oct 2022 14:40

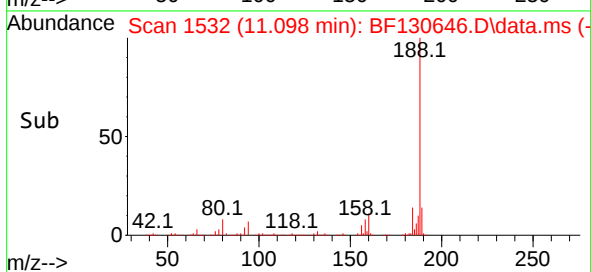
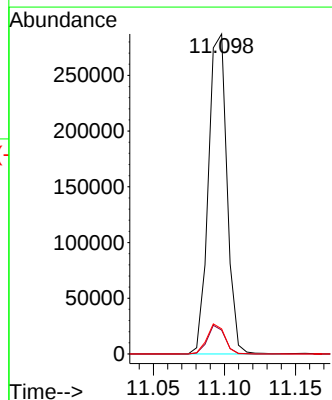
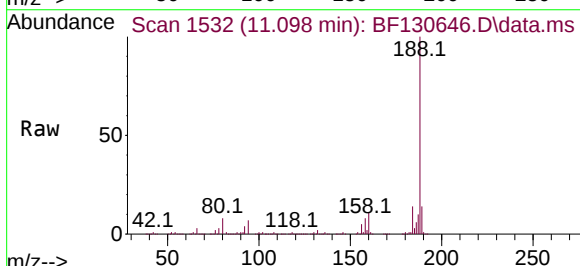
Tgt Ion:188 Resp: 261171

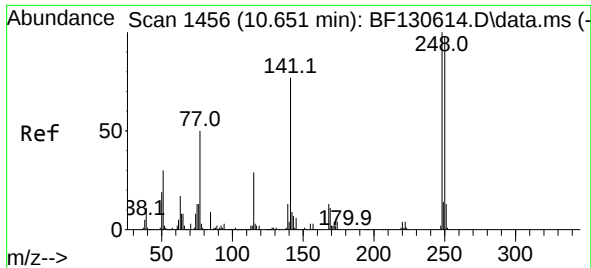
Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 7.8 8.0 12.0#

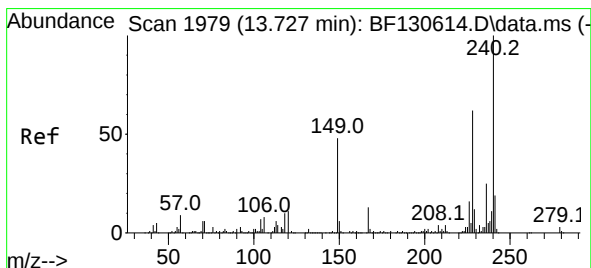
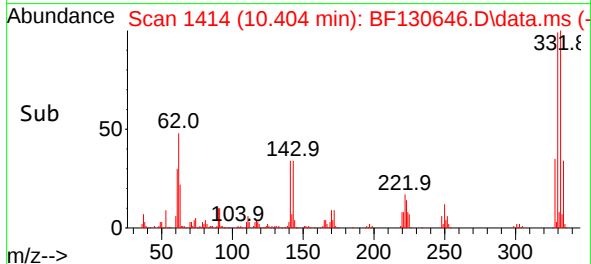
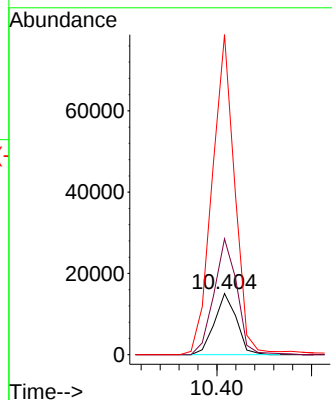
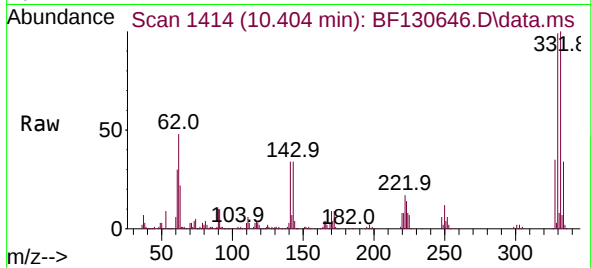




#67
4-Bromophenyl-phenylether
Concen: 4.125 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

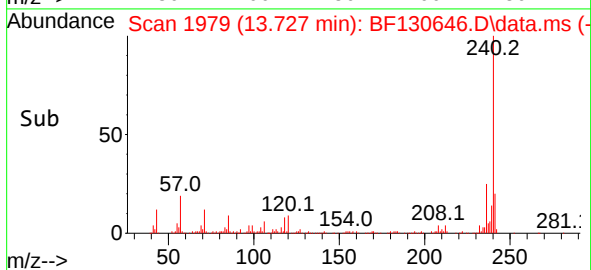
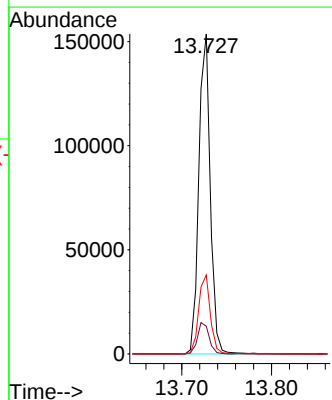
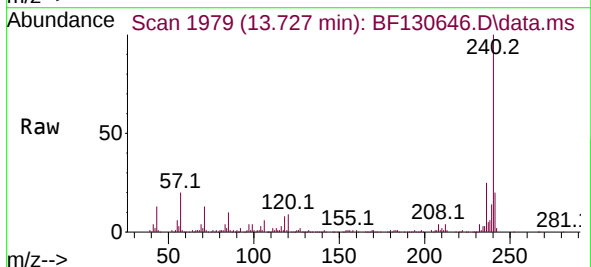
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

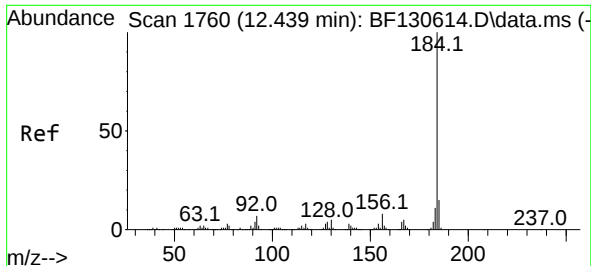
Tgt Ion:248 Resp: 12189
Ion Ratio Lower Upper
248 100
250 189.3 78.7 118.1#
141 522.9 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion:240 Resp: 135882
Ion Ratio Lower Upper
240 100
120 8.7 8.6 13.0
236 24.7 20.2 30.4

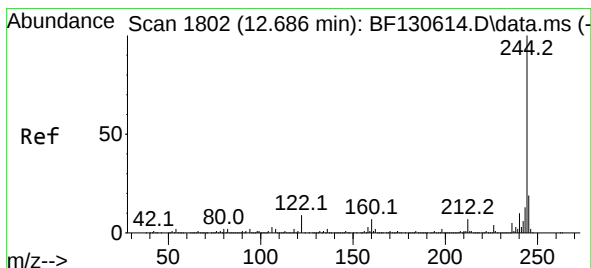
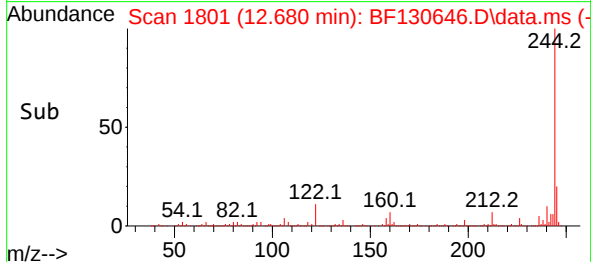
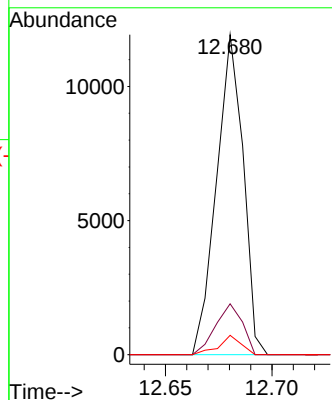
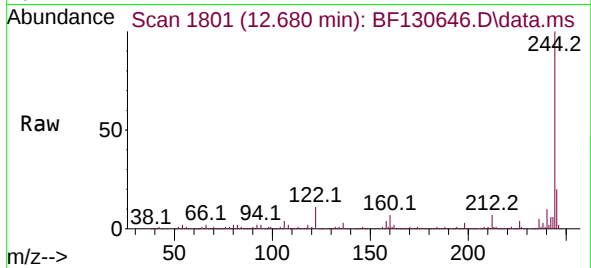




#77
Benzidine
Concen: 3.020 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.241 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

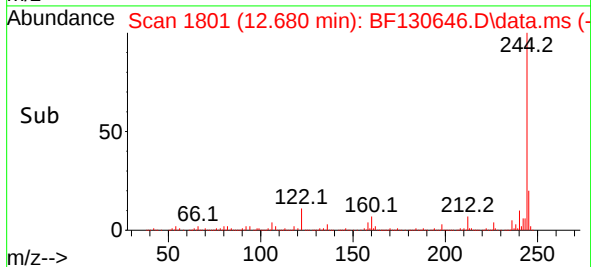
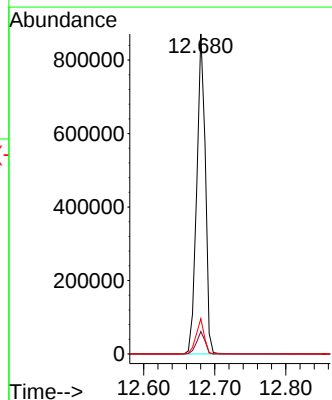
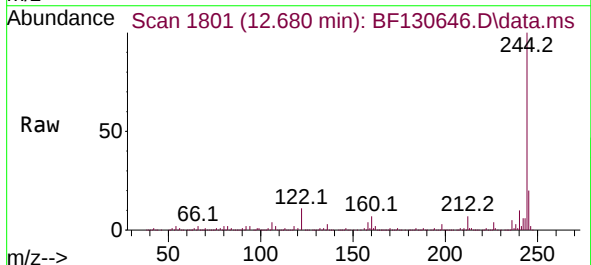
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

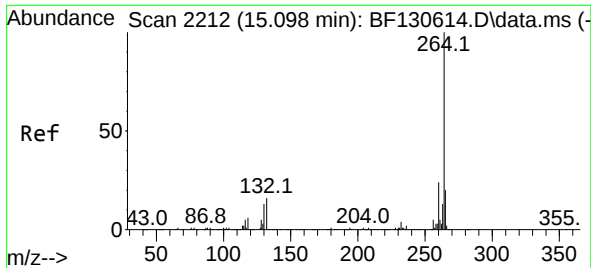
Tgt Ion:184 Resp: 10371
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 6.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 89.585 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

Tgt Ion:244 Resp: 733431
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.0 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.104 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

Tgt Ion:264 Resp: 138176
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 16.4 24.6

