

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130640.D
 Acq On : 12 Oct 2022 20:44
 Operator : CG\JU
 Sample : N5083-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Quant Time: Oct 13 05:48:31 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)

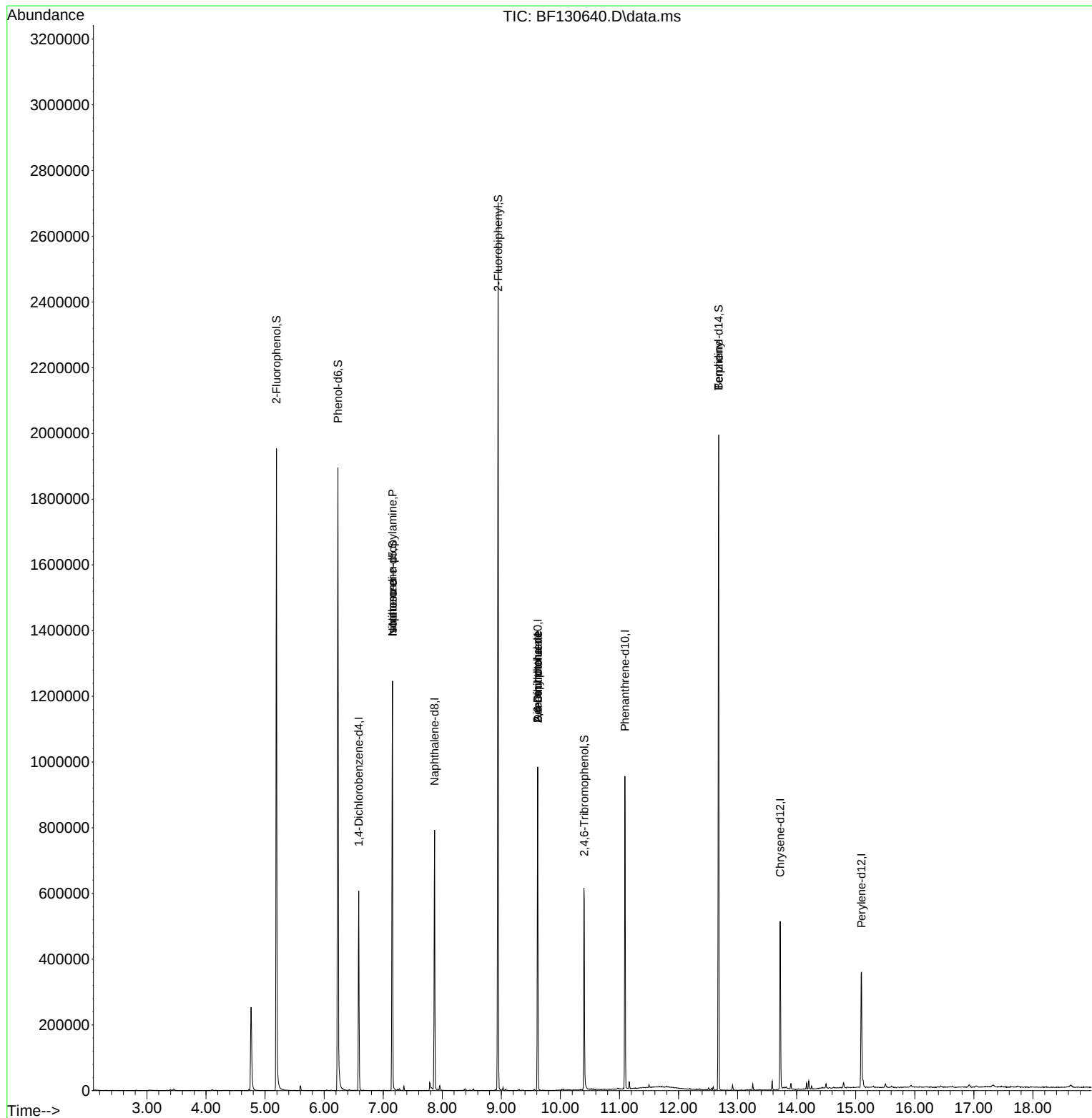
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	86193	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	338931	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	184862	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	313578	20.000	ng	0.00
76) Chrysene-d12	13.722	240	160890	20.000	ng	0.00
86) Perylene-d12	15.098	264	153609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	524526	109.694	ng	0.00
7) Phenol-d6	6.234	99	646211	107.487	ng	0.00
23) Nitrobenzene-d5	7.157	82	407271	65.598	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	77355	42.764	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	765237	62.703	ng	0.00
79) Terphenyl-d14	12.680	244	659346	68.018	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	54663	14.093	ng	# 76
25) Isophorone	7.157	82	407266	39.413	ng	# 64
50) Dimethylphthalate	9.616	163	35007	2.736	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	23434	8.348	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	23434	6.496	ng	# 14
77) Benzidine	12.680	184	9381	2.307	ng	# 91

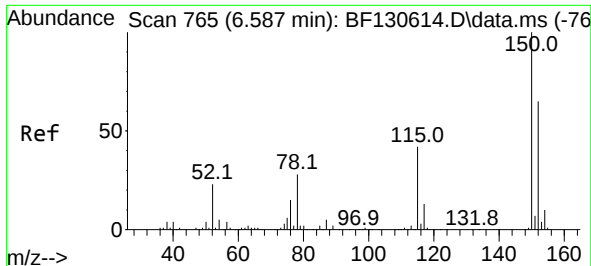
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 05:48:31 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

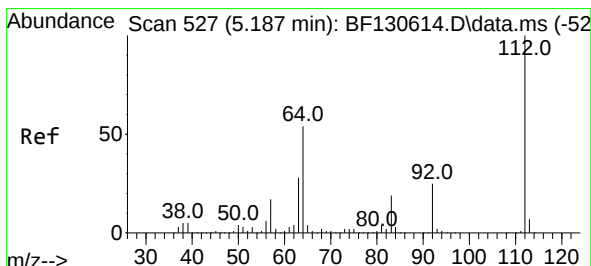
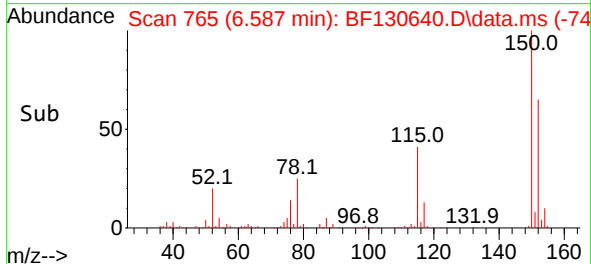
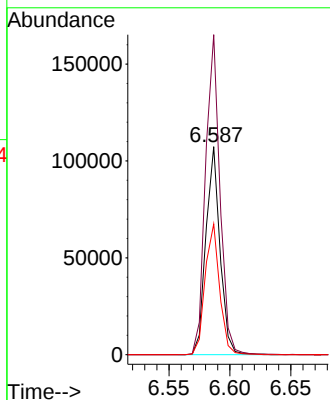
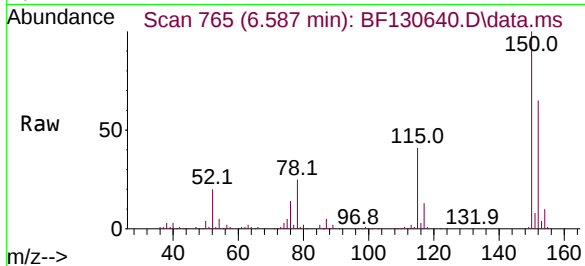




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

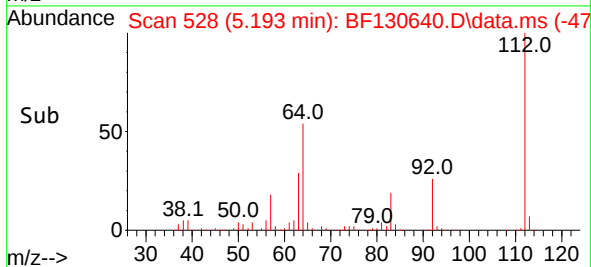
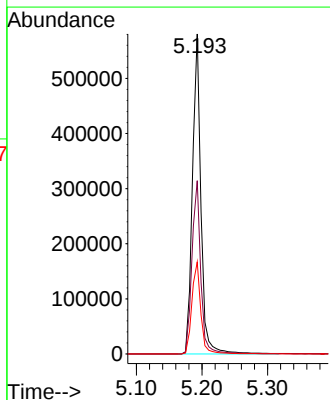
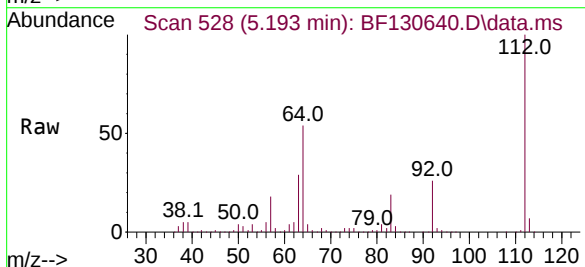
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

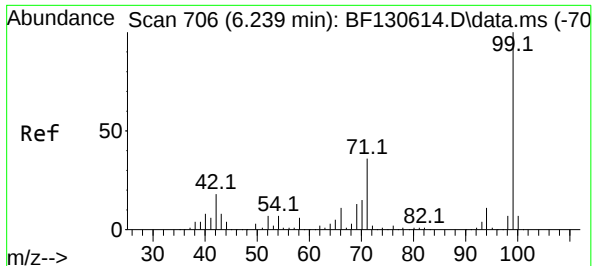
Tgt Ion:152 Resp: 86193
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 62.8 52.2 78.4



#5
2-Fluorophenol
Concen: 109.694 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

Tgt Ion:112 Resp: 524526
Ion Ratio Lower Upper
112 100
64 54.1 43.5 65.3
63 28.8 22.6 34.0

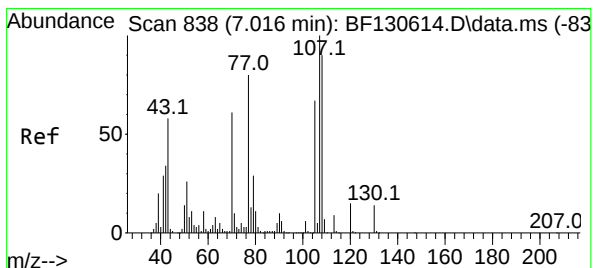
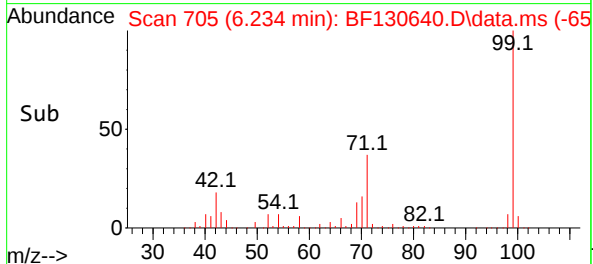
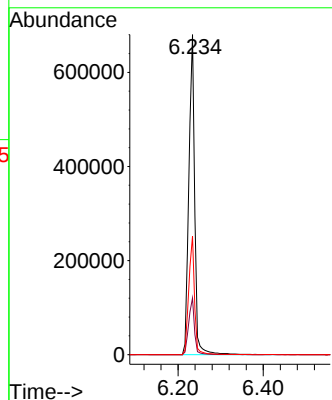
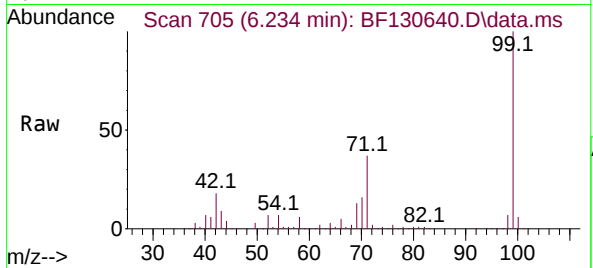




#7
Phenol-d6
Concen: 107.487 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

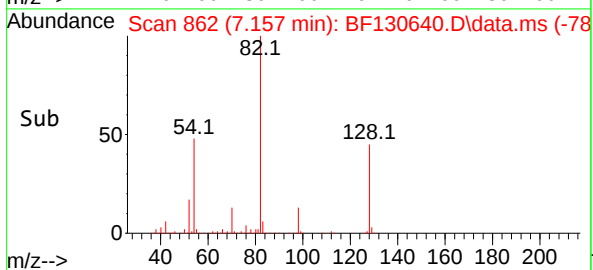
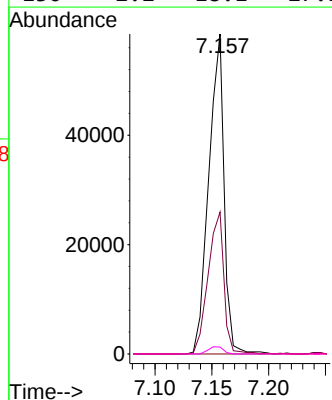
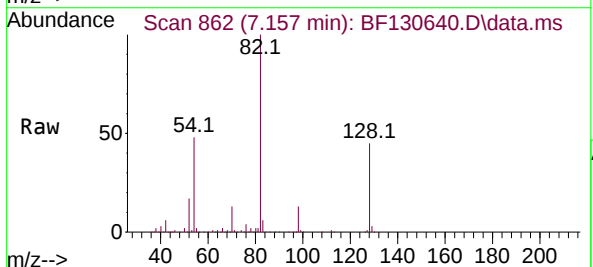
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

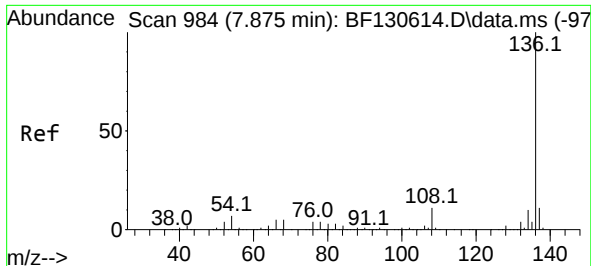
Tgt Ion: 99 Resp: 646211
Ion Ratio Lower Upper
99 100
42 17.7 14.0 21.0
71 37.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.093 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

Tgt Ion: 70 Resp: 54663
Ion Ratio Lower Upper
70 100
42 44.4 44.3 66.5
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#

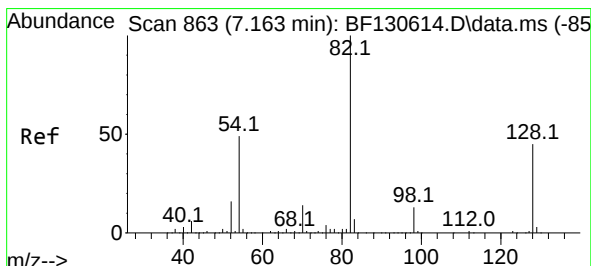
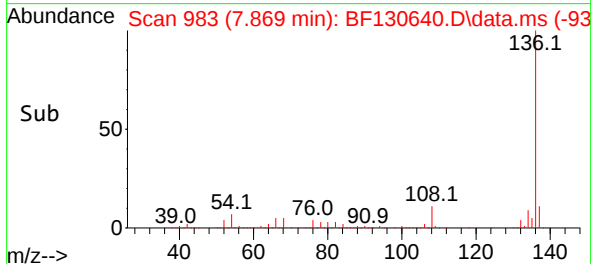
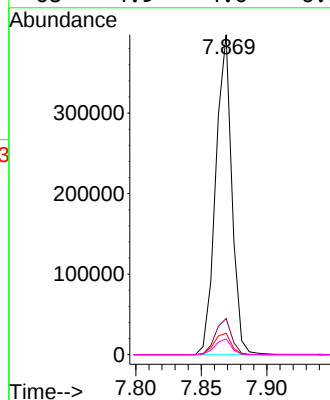
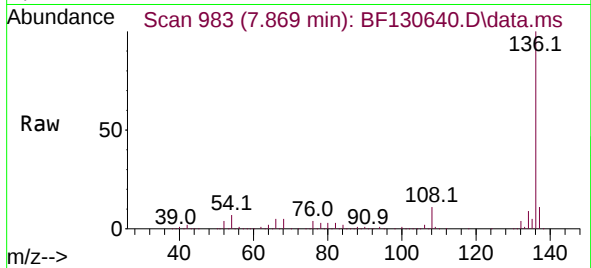




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

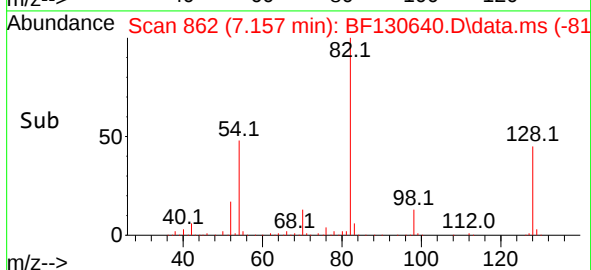
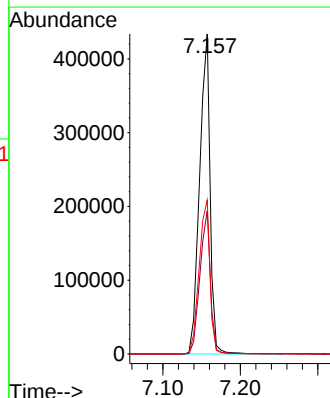
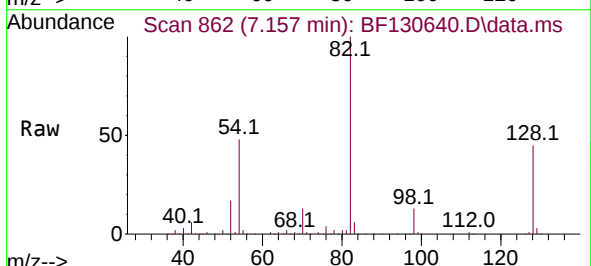
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

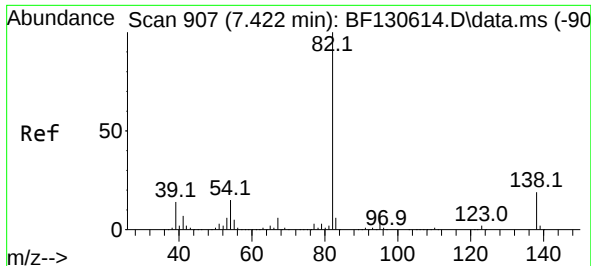
Tgt Ion:136 Resp: 338931
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.7 5.5 8.3
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 65.598 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

Tgt Ion: 82 Resp: 407271
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 48.1 39.3 58.9

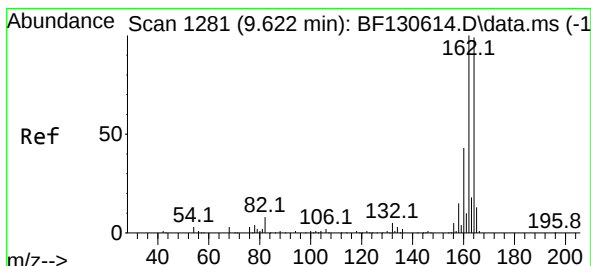
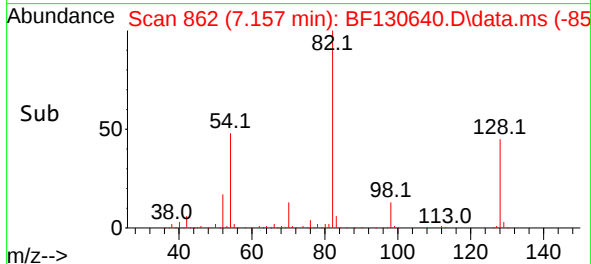
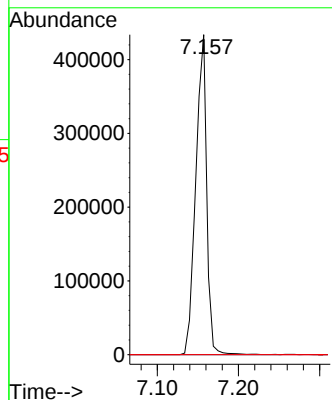
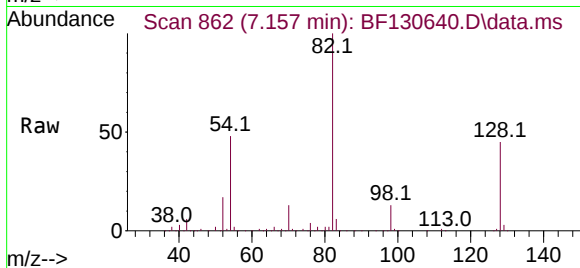




#25
Isophorone
Concen: 39.413 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

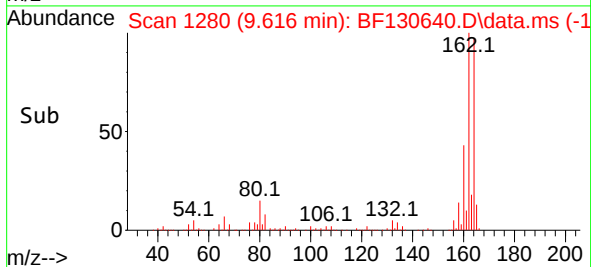
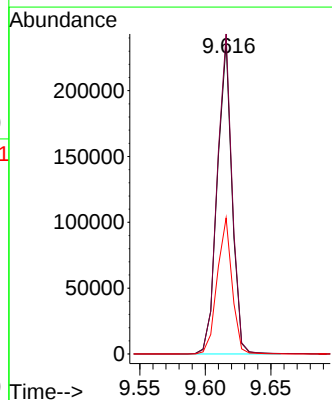
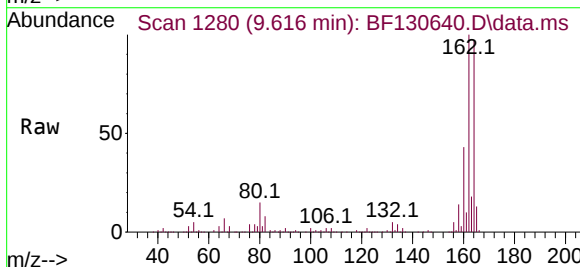
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

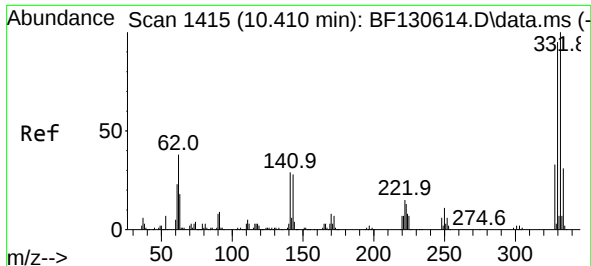
Tgt Ion: 82 Resp: 407266
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

Tgt Ion:164 Resp: 184862
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 43.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 42.764 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130640.D

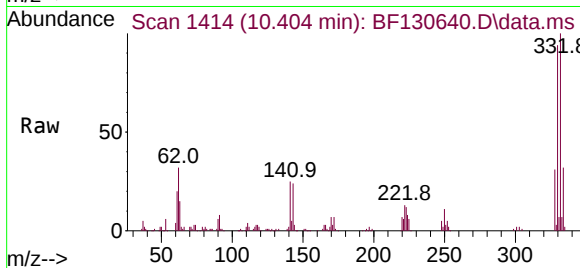
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Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3



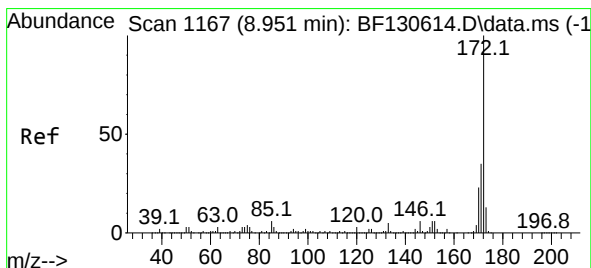
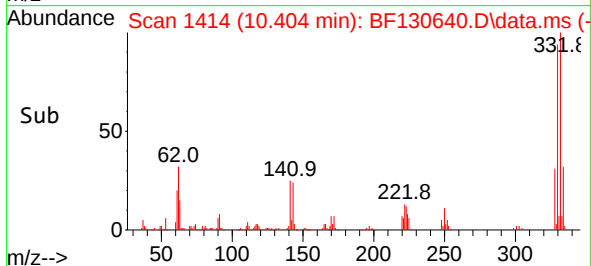
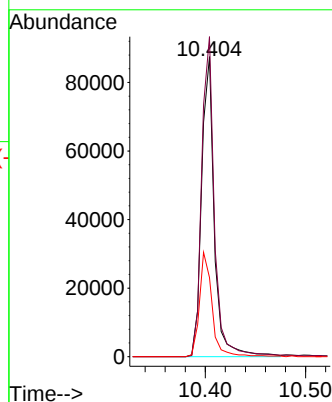
Tgt Ion:330 Resp: 77355

Ion Ratio Lower Upper

330 100

332 107.5 84.2 126.4

141 34.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 62.703 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130640.D

Acq: 12 Oct 2022 20:44

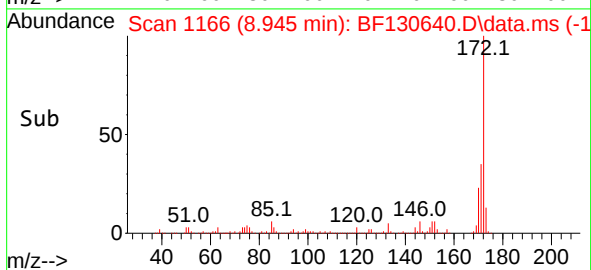
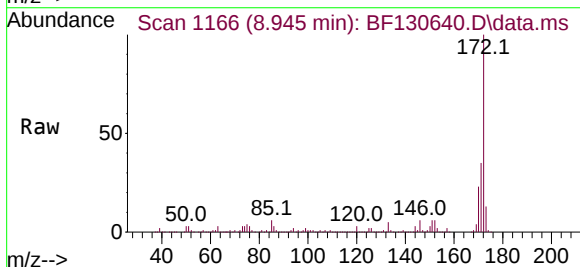
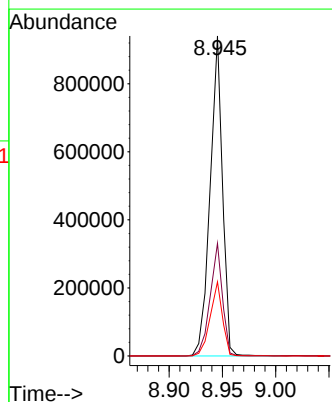
Tgt Ion:172 Resp: 765237

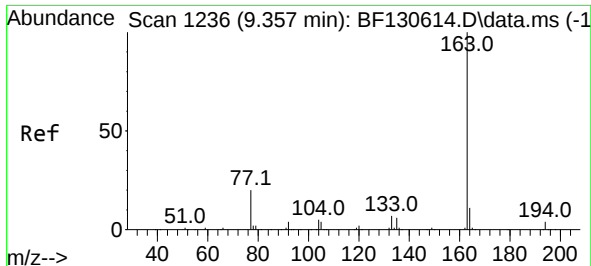
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.1 18.6 27.8

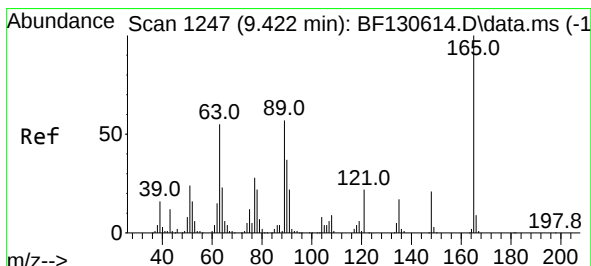
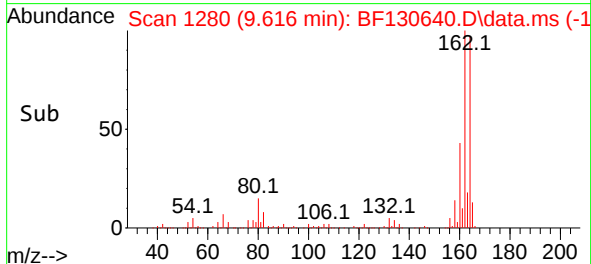
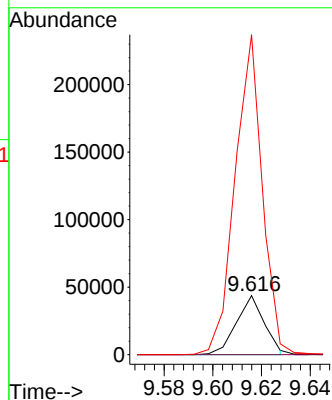
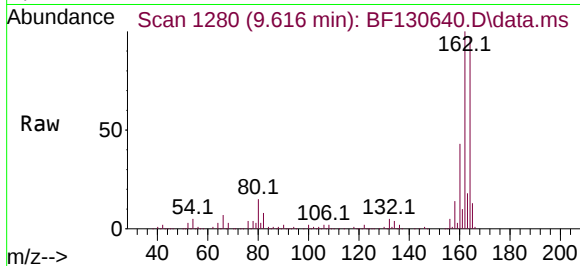




#50
Dimethylphthalate
Concen: 2.736 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

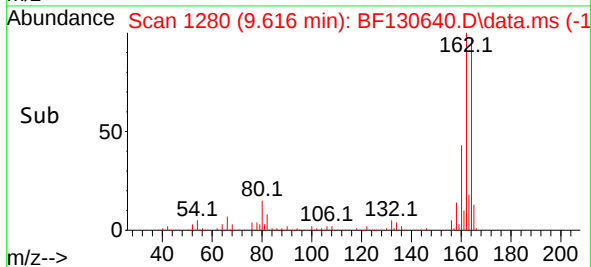
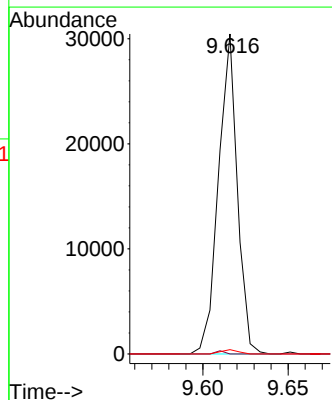
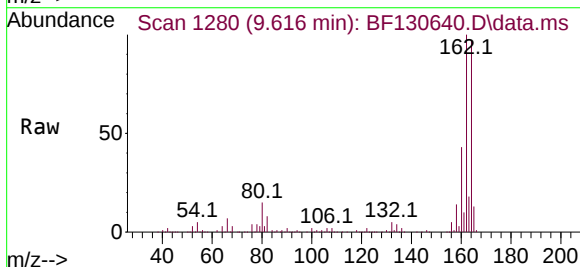
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

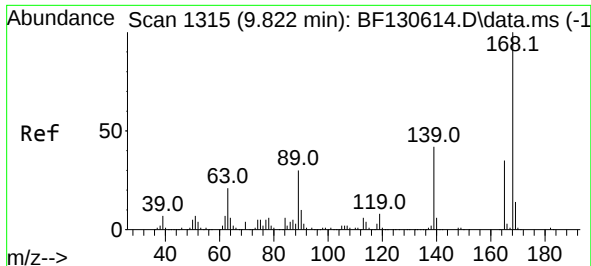
Tgt Ion:163 Resp: 35007
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 541.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130640.D
Acq: 12 Oct 2022 20:44

Tgt Ion:165 Resp: 23434
Ion Ratio Lower Upper
165 100
63 0.0 45.3 67.9#
89 1.4 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.496 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF130640.D

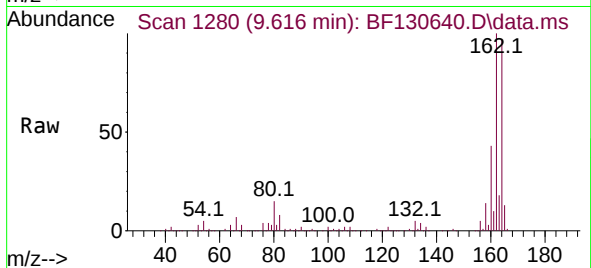
Acq: 12 Oct 2022 20:44

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3



Tgt Ion:165 Resp: 23434

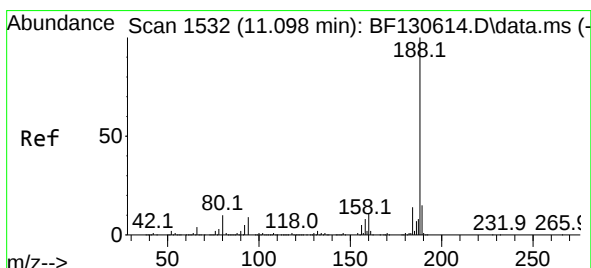
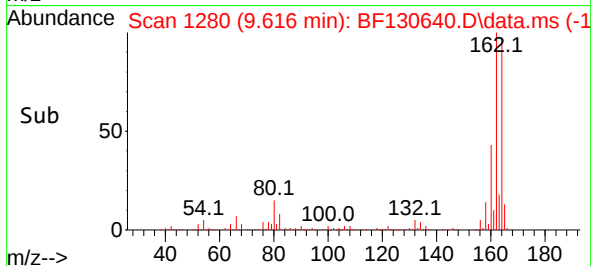
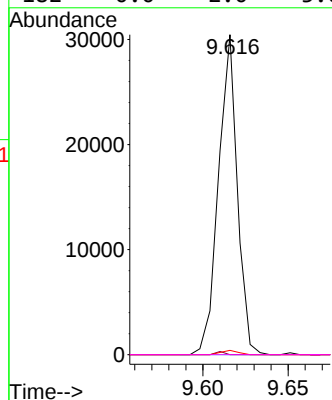
Ion Ratio Lower Upper

165 100

63 0.0 50.6 76.0#

89 1.4 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130640.D

Acq: 12 Oct 2022 20:44

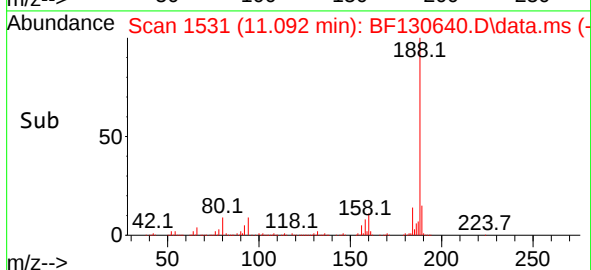
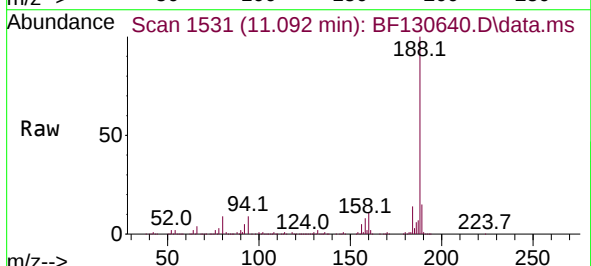
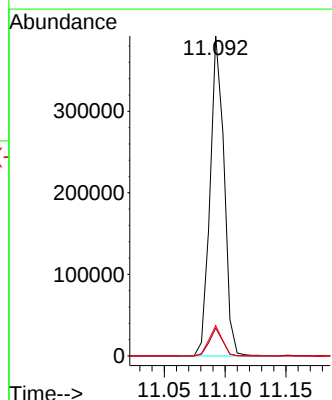
Tgt Ion:188 Resp: 313578

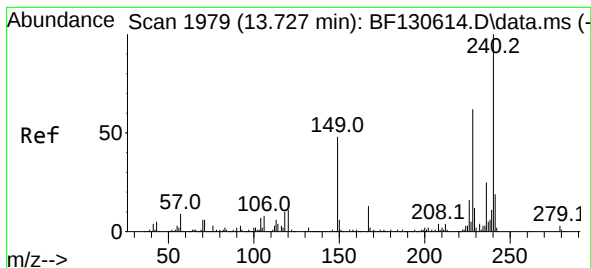
Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.5 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.722 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130640.D

Acq: 12 Oct 2022 20:44

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

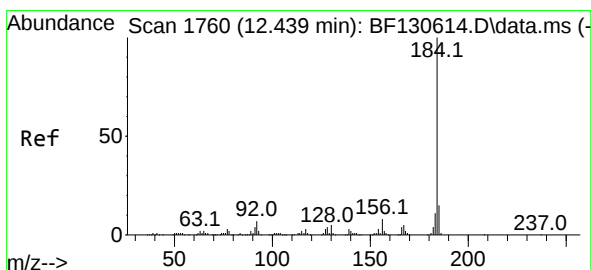
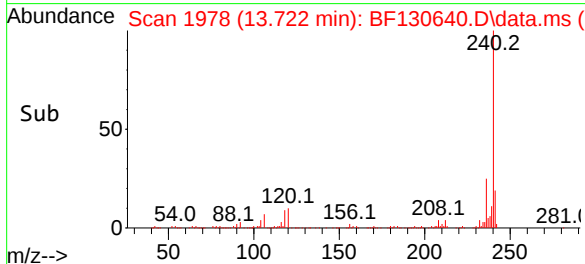
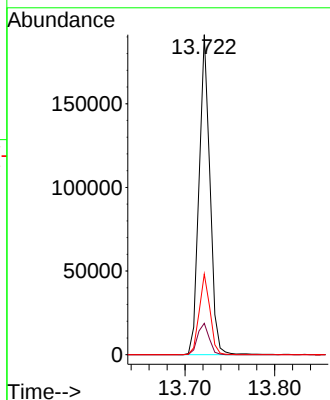
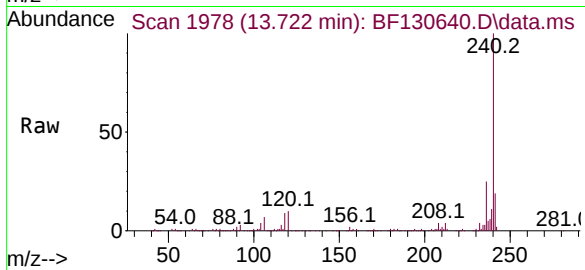
Tgt Ion:240 Resp: 160890

Ion Ratio Lower Upper

240 100

120 9.8 8.6 13.0

236 25.2 20.2 30.4



#77

Benzidine

Concen: 2.307 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.241 min

Lab File: BF130640.D

Acq: 12 Oct 2022 20:44

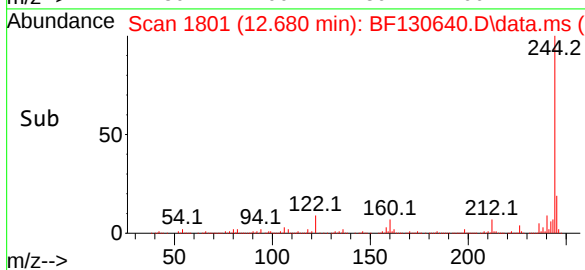
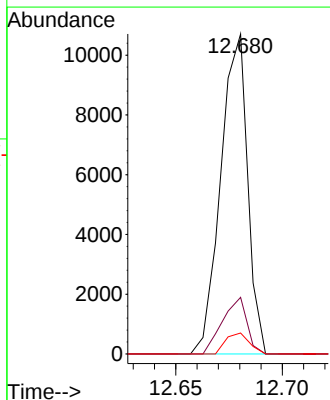
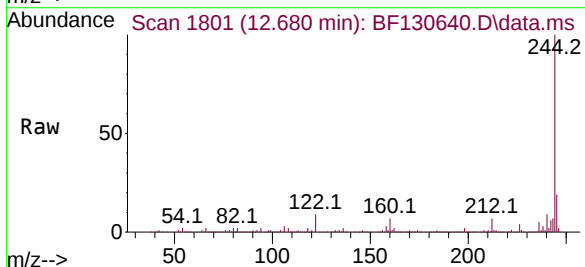
Tgt Ion:184 Resp: 9381

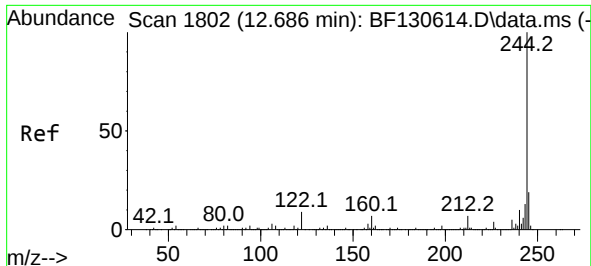
Ion Ratio Lower Upper

184 100

185 17.7 12.0 18.0

183 6.6 9.0 13.4#

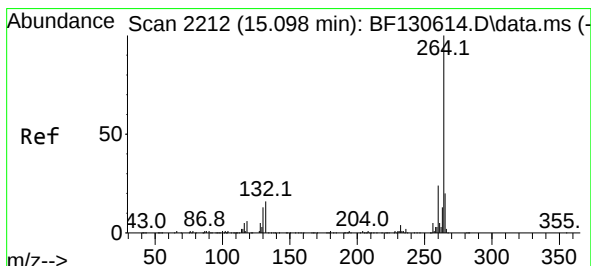
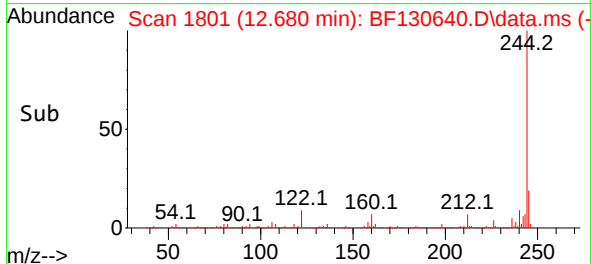
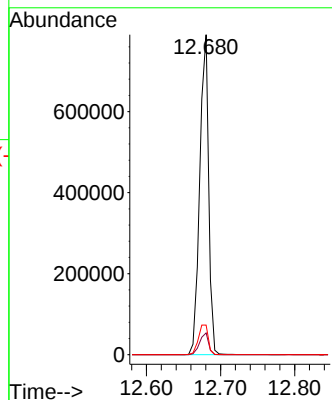
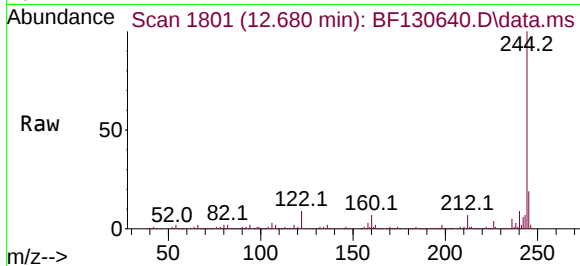




#79
 Terphenyl-d14
 Concen: 68.018 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130640.D
 Acq: 12 Oct 2022 20:44

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-3-MOUNT-LAUREL-VOC-3

Tgt Ion:244 Resp: 659346
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130640.D
 Acq: 12 Oct 2022 20:44

Tgt Ion:264 Resp: 153609
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.7 16.4 24.6

