

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

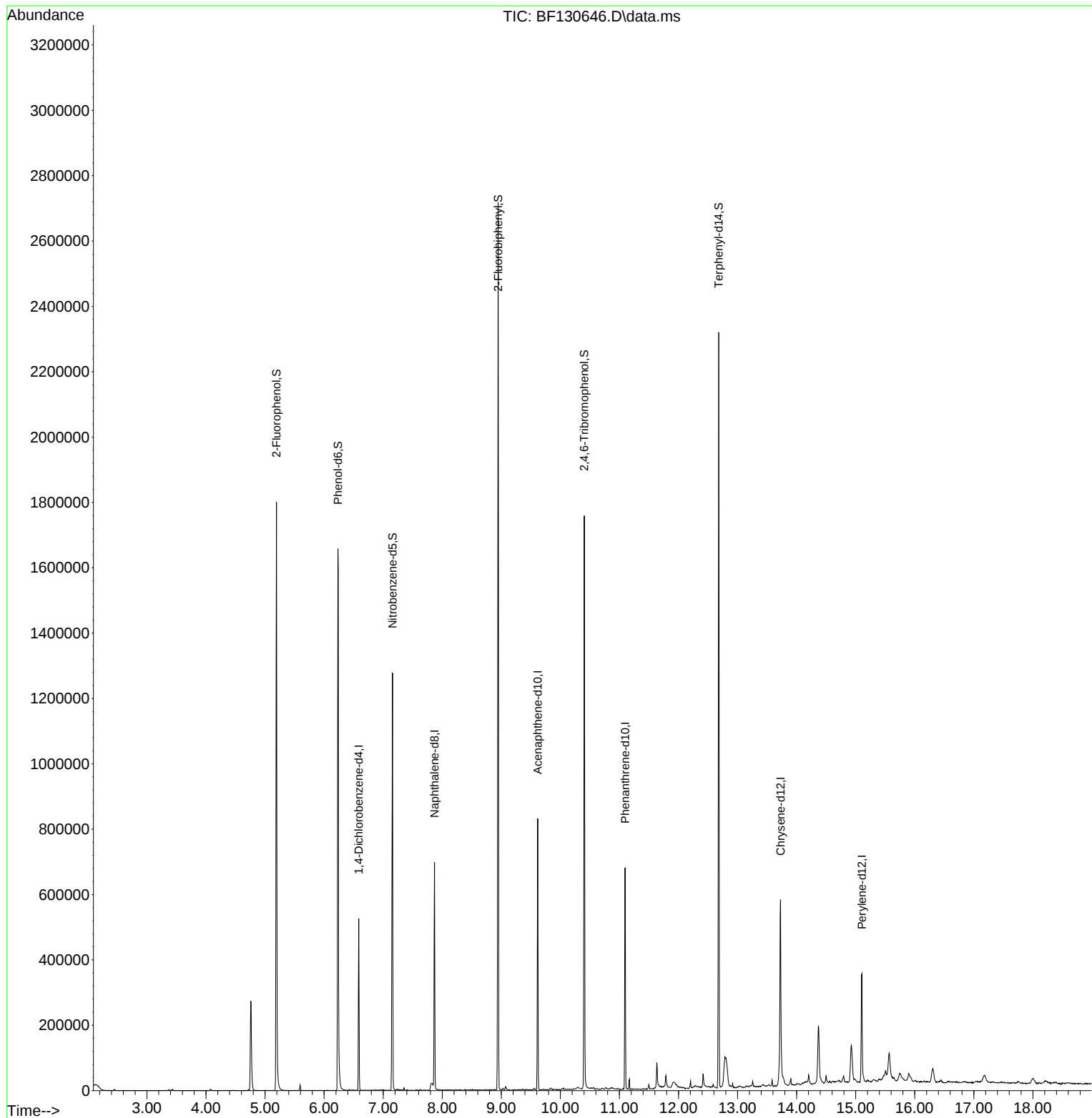
Target Compounds	Qvalue

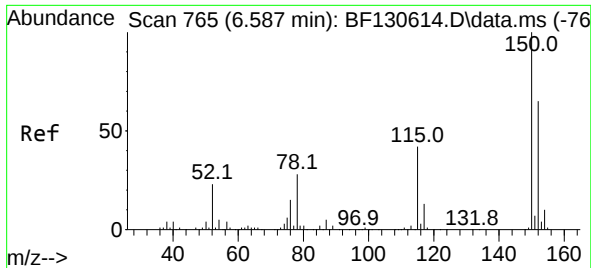
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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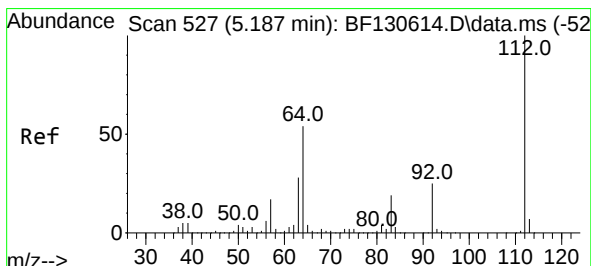
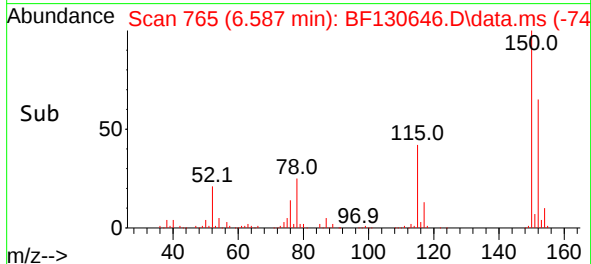
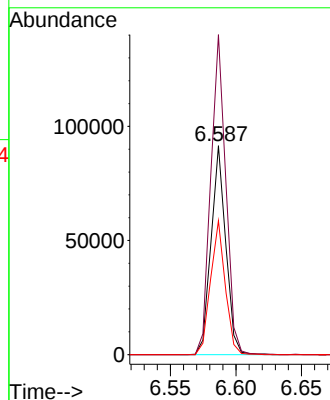
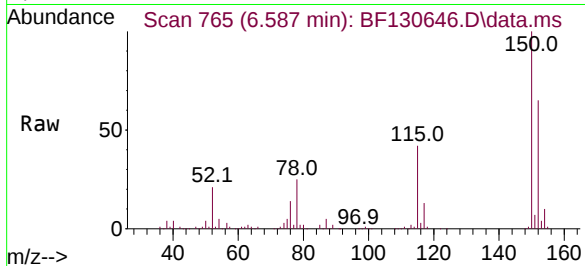




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

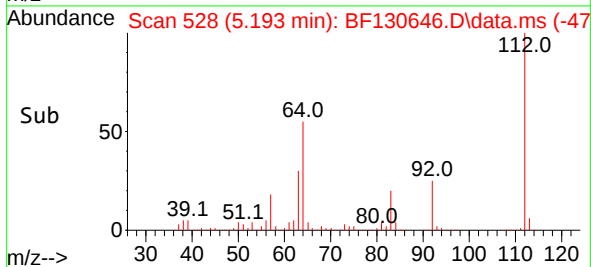
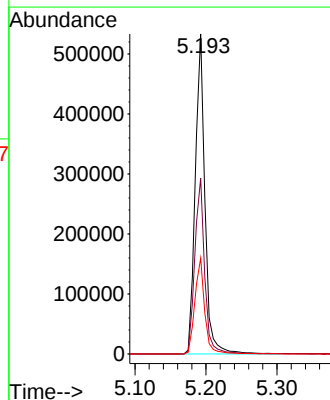
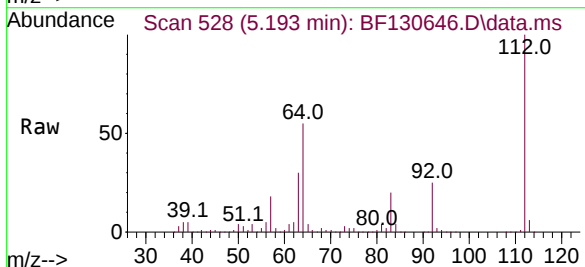
Instrument : BNA_F
 ClientSampleId : MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

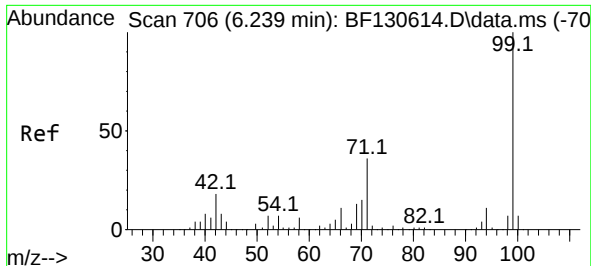
Tgt Ion:152 Resp: 71776
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.6
 115 64.1 52.2 78.4



#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

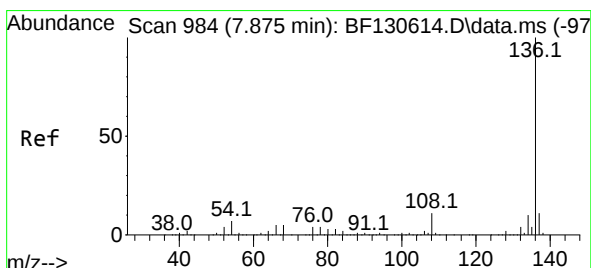
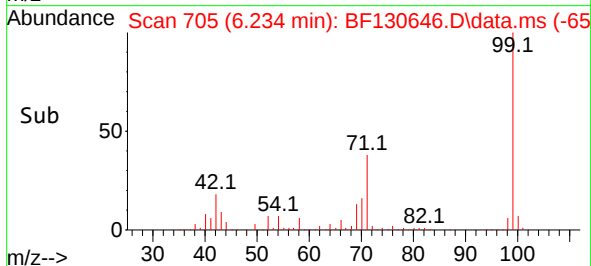
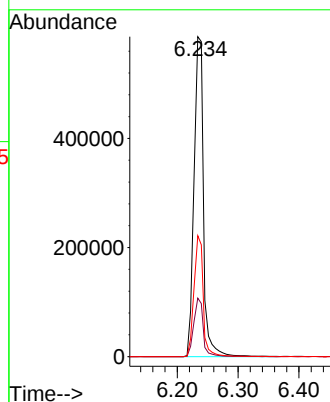
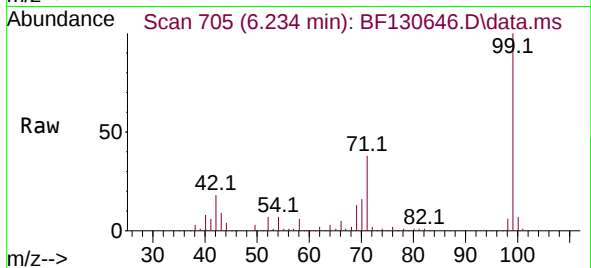




#7
Phenol-d6
Concen: 126.817 ng
RT: 6.234 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

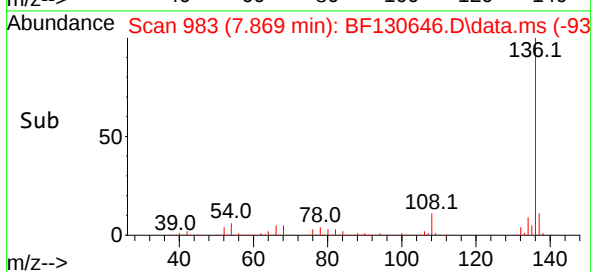
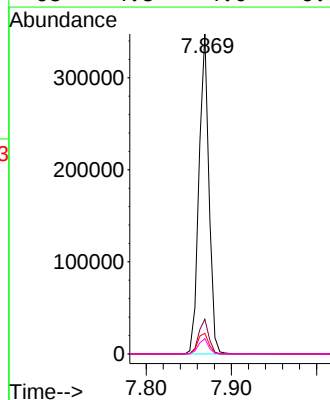
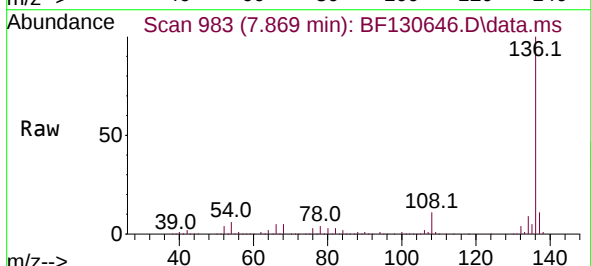
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

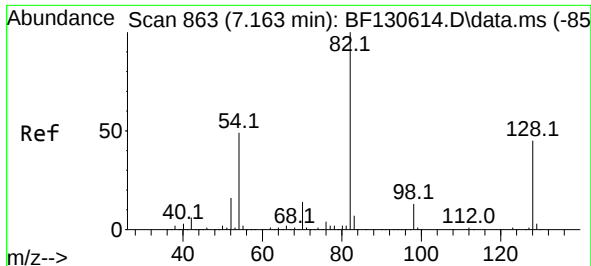
Tgt Ion: 99 Resp: 634896
Ion Ratio Lower Upper
99 100
42 18.3 14.0 21.0
71 37.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

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

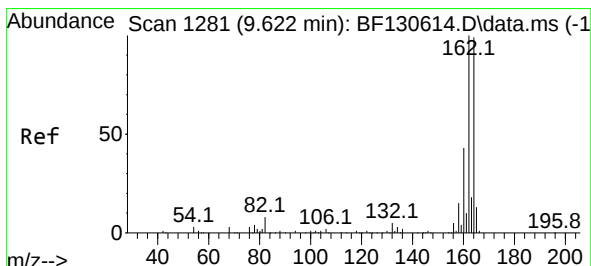
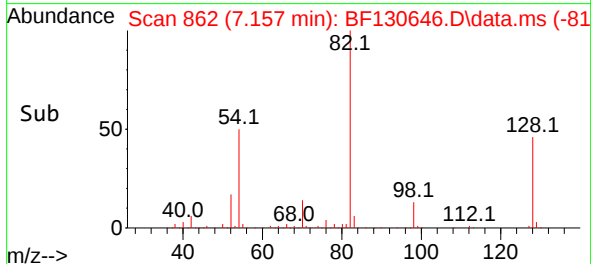
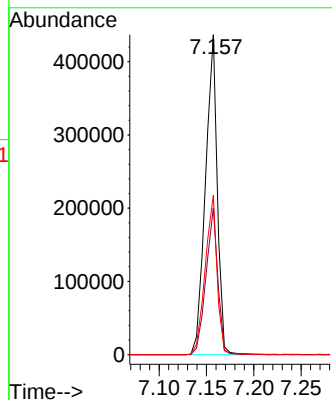
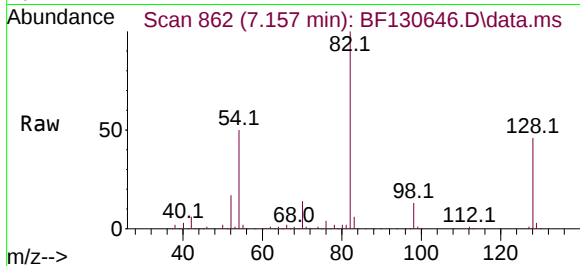




#23
Nitrobenzene-d5
Concen: 73.564 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130646.D
Acq: 13 Oct 2022 14:40

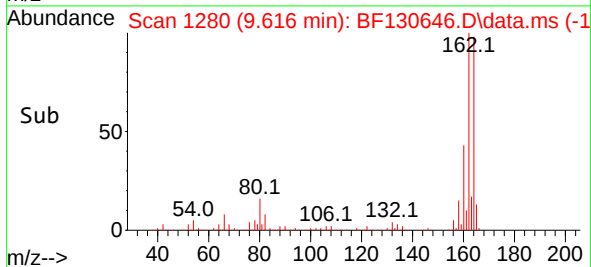
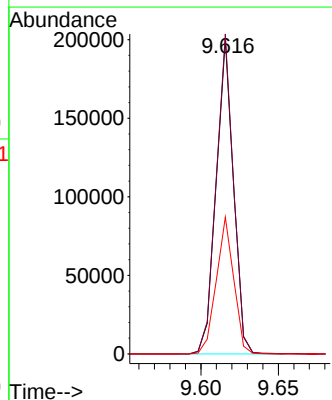
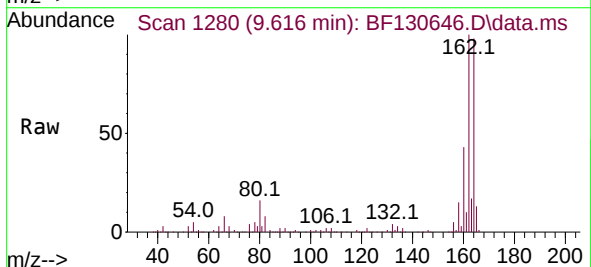
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2

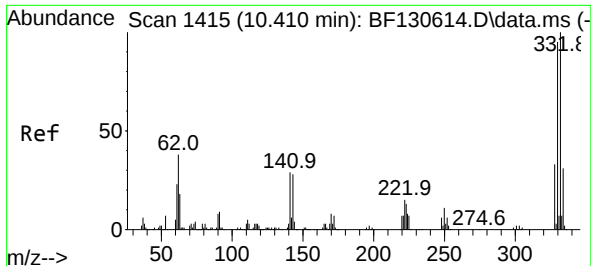
Tgt Ion: 82 Resp: 380102
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 49.8 39.3 58.9



#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

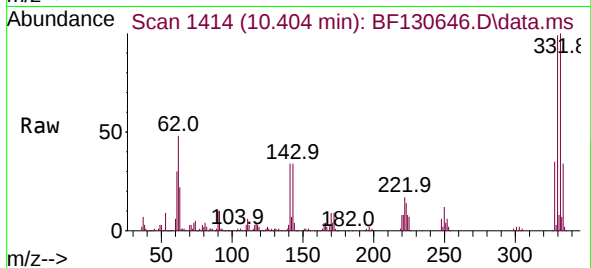
Acq: 13 Oct 2022 14:40

Instrument :

BNA_F

ClientSampleId :

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



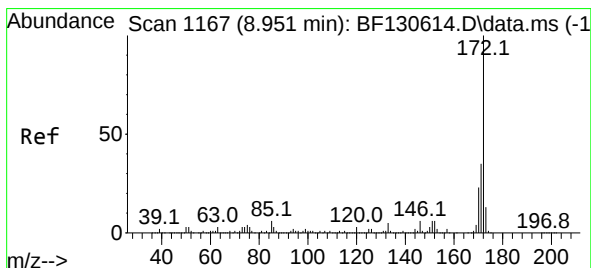
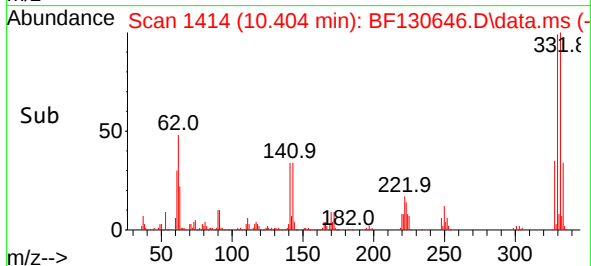
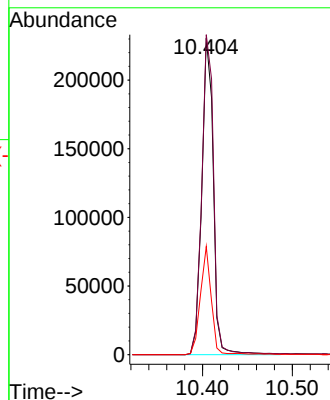
Tgt Ion:330 Resp: 205277

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

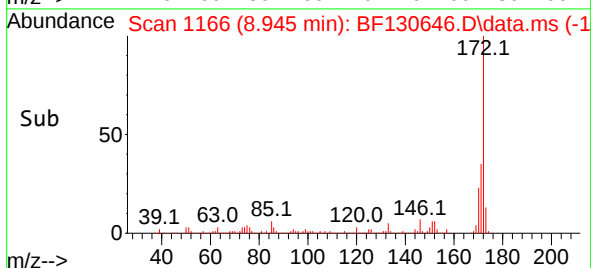
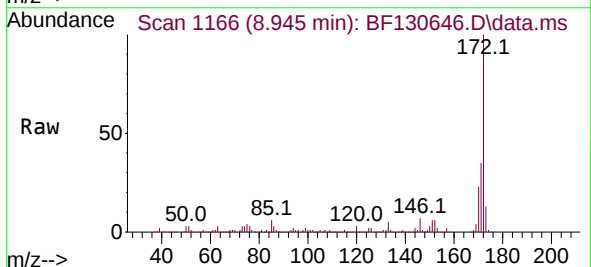
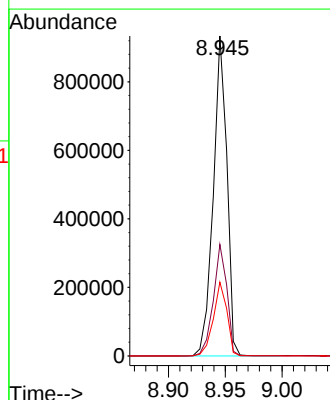
Tgt Ion:172 Resp: 779117

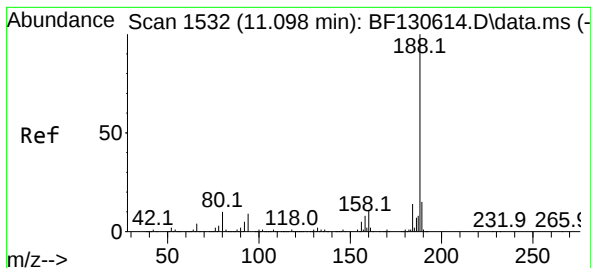
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.098 min Scan# 11

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

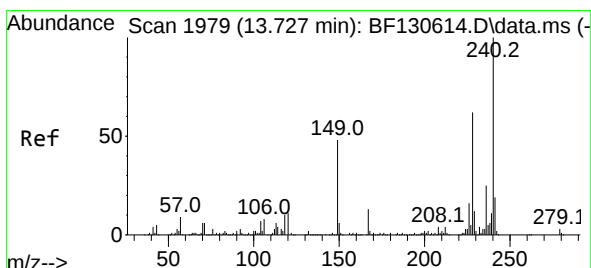
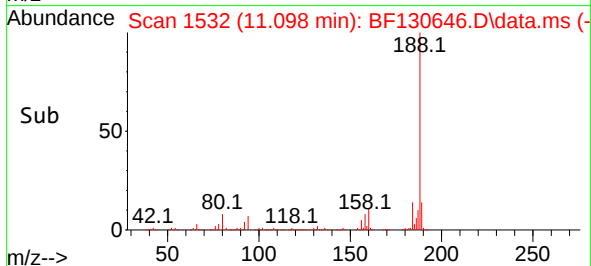
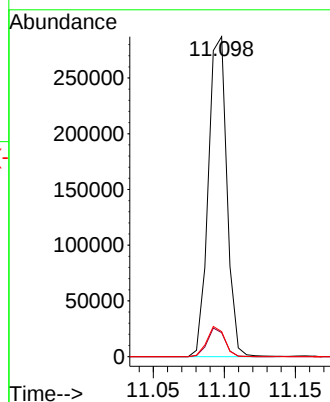
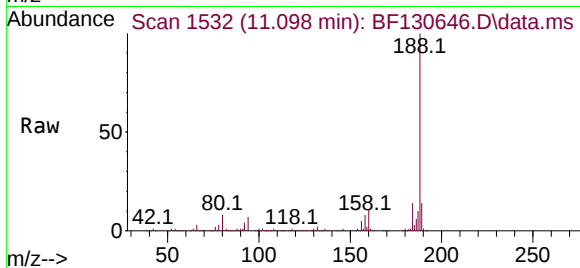
Tgt Ion:188 Resp: 261171

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 7.8 8.0 12.0



#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

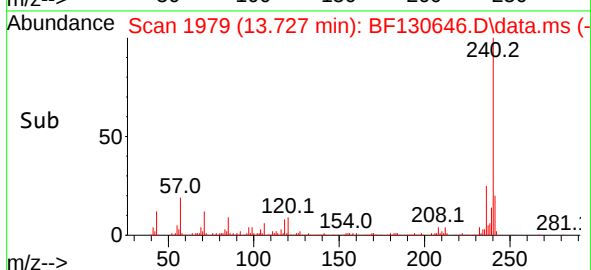
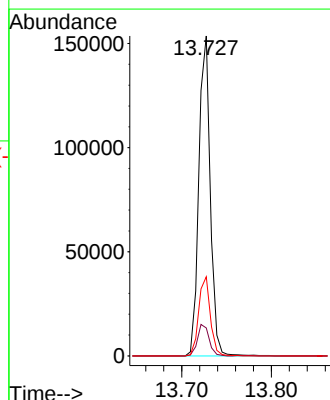
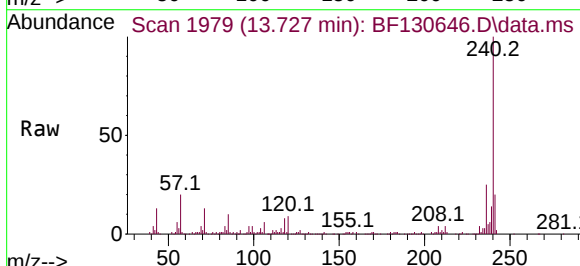
Tgt Ion:240 Resp: 135882

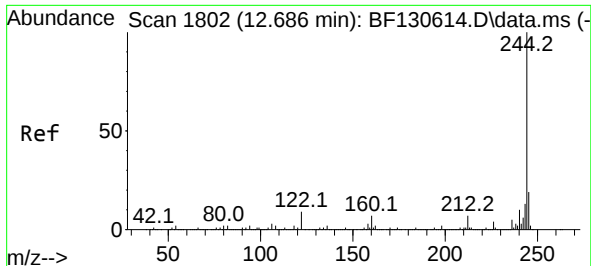
Ion Ratio Lower Upper

240 100

120 8.7 8.6 13.0

236 24.7 20.2 30.4

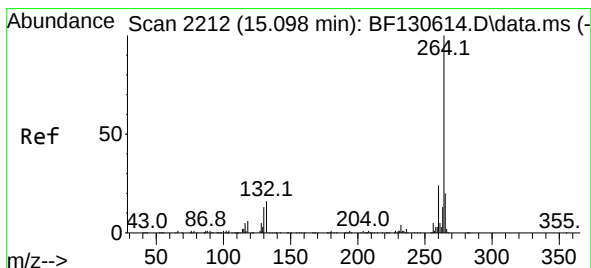
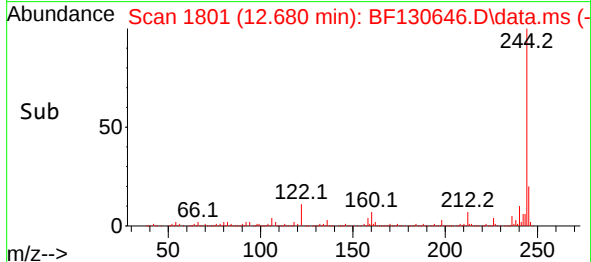
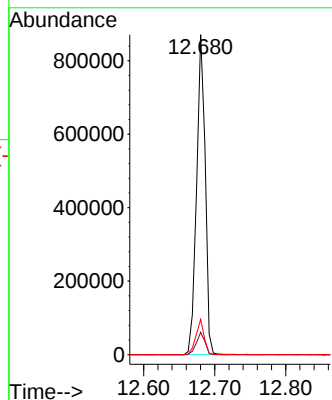
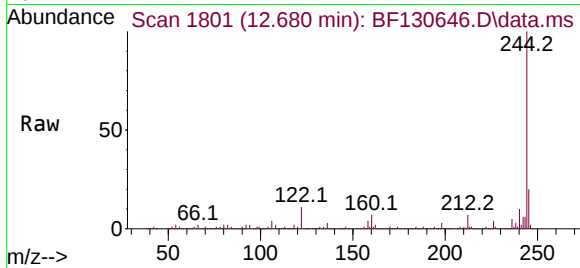




#79
 Terphenyl-d14
 Concen: 89.585 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

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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# 2213
 Delta R.T. 0.006 min
 Lab File: BF130646.D
 Acq: 13 Oct 2022 14:40

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

