

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123360.D
 Acq On : 3 Mar 2021 17:34
 Operator : JU/CG
 Sample : M1545-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-20A

Quant Time: Mar 03 23:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	6864	20.00	ng	#-0.06
21) Naphthalene-d8	8.063	136	629	20.00	ng	#-0.06
39) Acenaphthene-d10	9.875	164	251207	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	173424	20.00	ng	#-0.02
76) Chrysene-d12	14.027	240	223185	20.00	ng	0.00
86) Perylene-d12	15.504	264	339342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	6763	14.18	ng	0.10
7) Phenol-d6	6.357	99	458	0.71	ng	-0.13
23) Nitrobenzene-d5	7.239	82	17794	1294.99	ng	-0.18
42) 2,4,6-Tribromophenol	10.663	330	208569	81.54	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	50339	2.88	ng	0.08
79) Terphenyl-d14	12.968	244	696731	60.03	ng	0.00

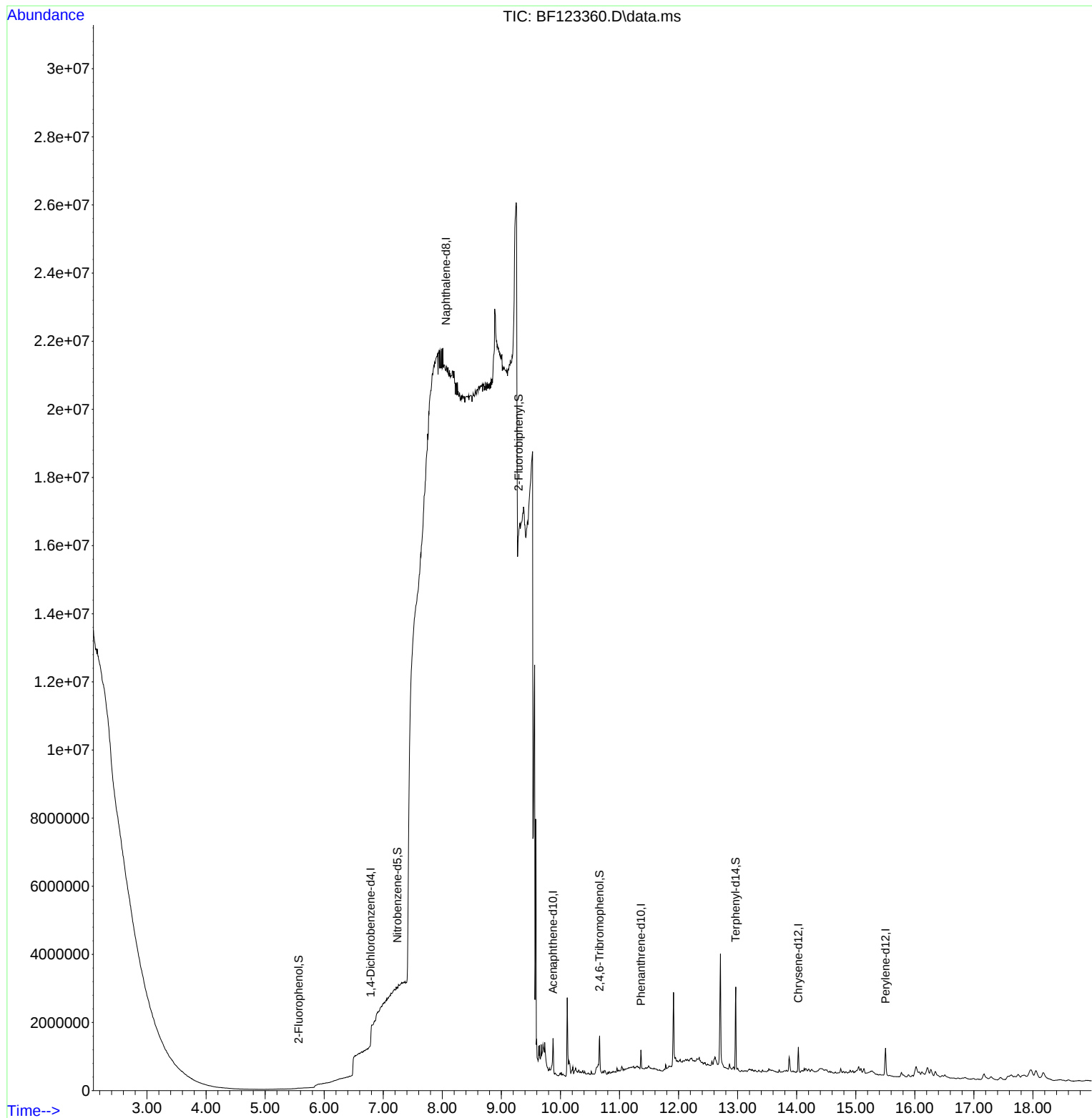
Target Compounds	Qvalue

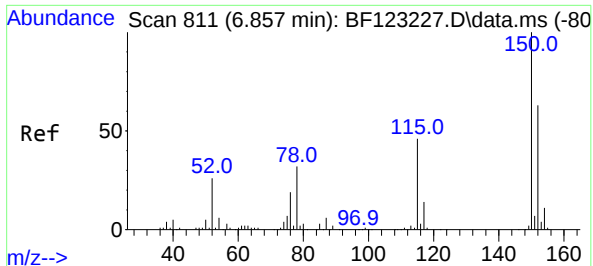
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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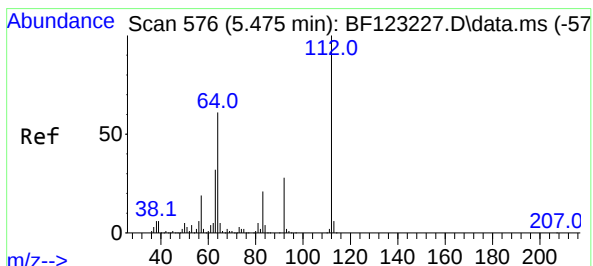
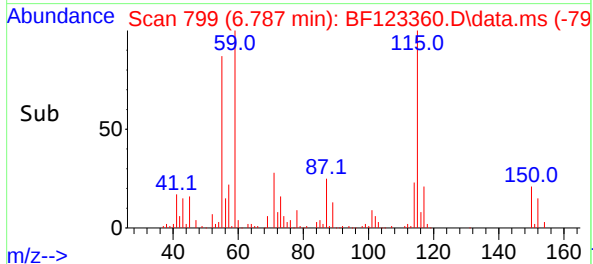
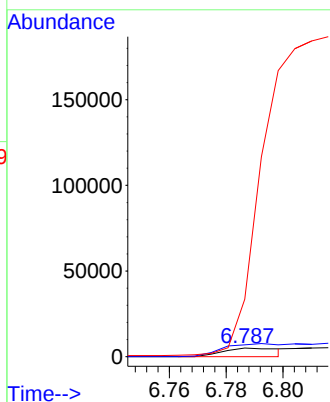
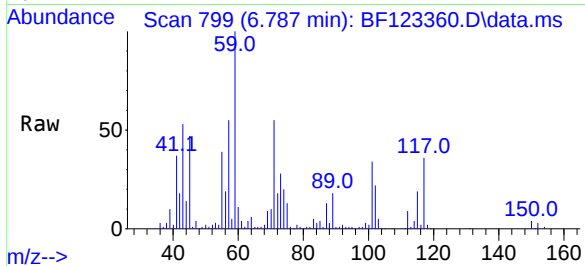




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.059 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

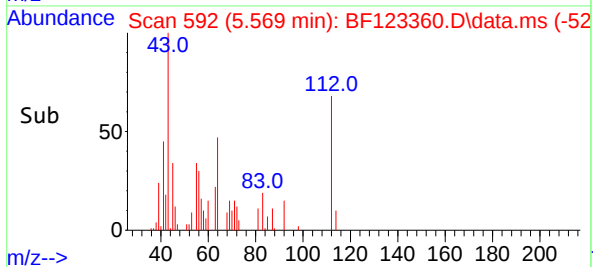
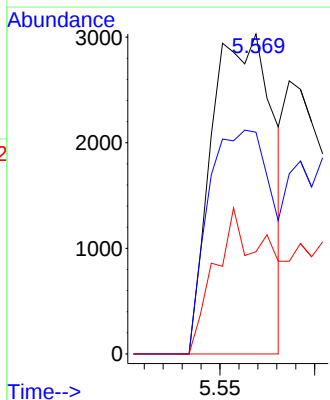
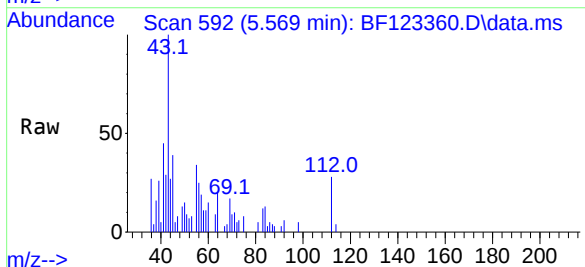
Instrument :
BNA_F
ClientSampled :
MH-20A

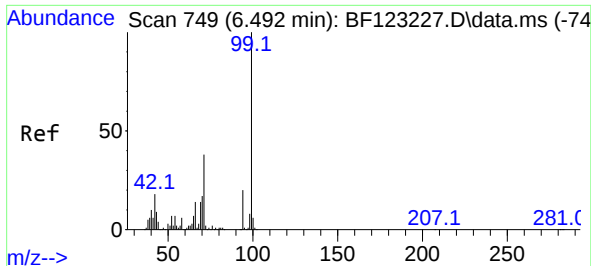
Tgt Ion:152 Resp: 6864
Ion Ratio Lower Upper
152 100
150 136.8 125.8 188.6
115 662.1 49.3 73.9#



#5
2-Fluorophenol
Concen: 14.18 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.100 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

Tgt Ion:112 Resp: 6763
Ion Ratio Lower Upper
112 100
64 69.3 46.9 70.3
63 31.9 24.5 36.7

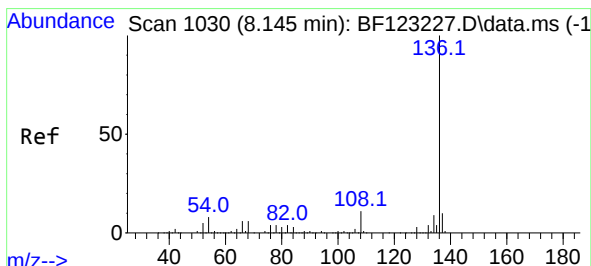
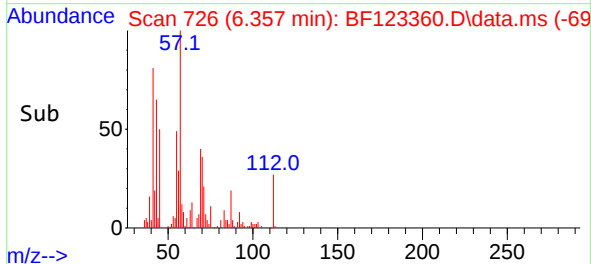
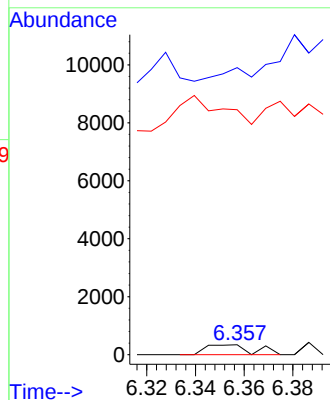
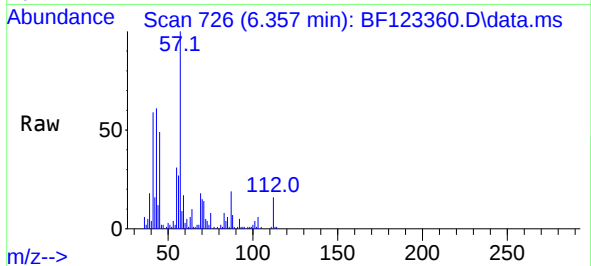




#7
Phenol-d6
Concen: 0.71 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.130 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

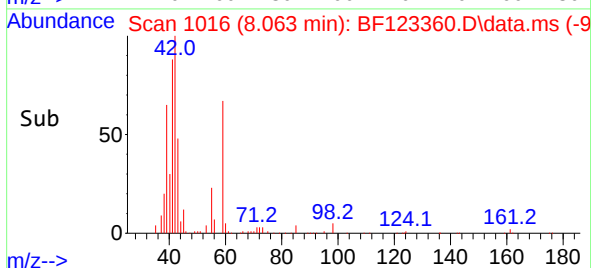
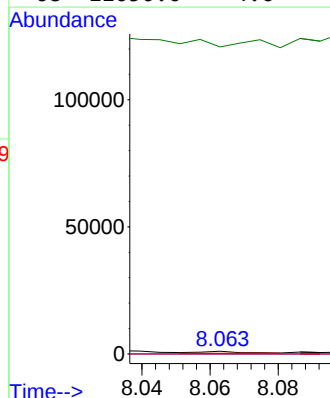
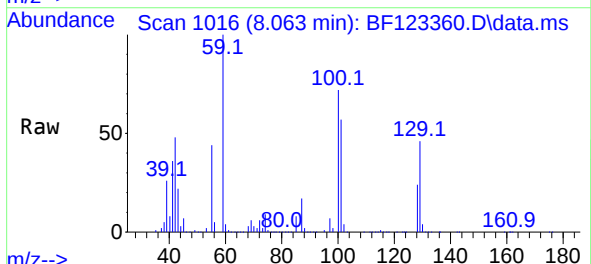
Instrument :
BNA_F
ClientSampleId :
MH-20A

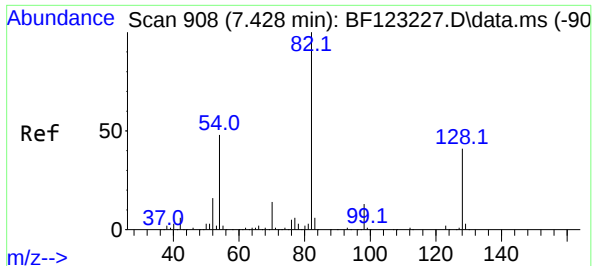
Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 2912.6 13.8 20.6#
71 2486.2 26.9 40.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.065 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

Tgt Ion: 136 Resp: 629
Ion Ratio Lower Upper
136 100
137 0.0 8.8 13.2#
54 0.0 5.5 8.3#
68 11050.0 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 1294.99 ng

RT: 7.239 min Scan# 876

Delta R.T. -0.177 min

Lab File: BF123360.D

Acq: 3 Mar 2021 17:34

Tgt Ion: 82 Resp: 17794

Ion Ratio Lower Upper

82 100

128 30.7 37.0 55.4#

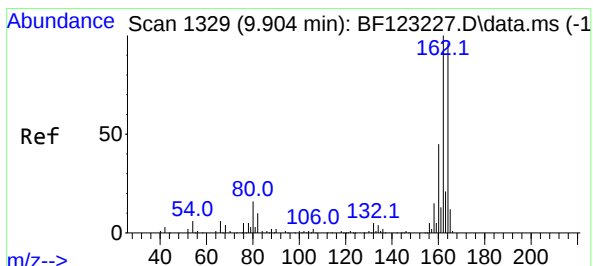
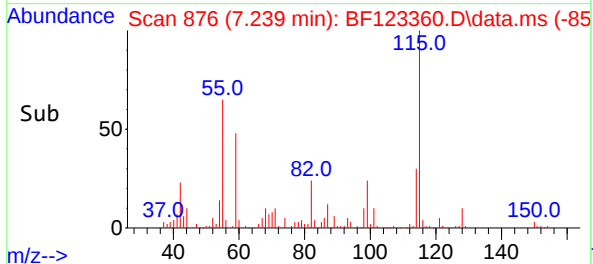
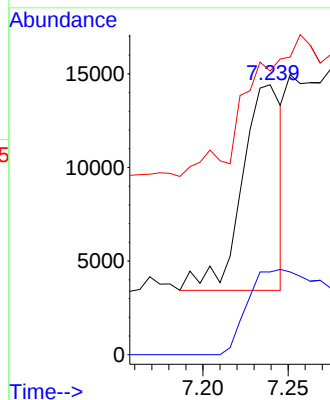
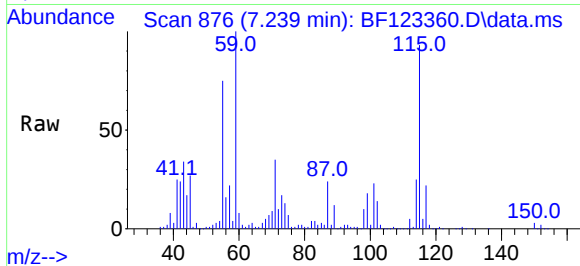
54 105.1 38.4 57.6#

Instrument :

BNA_F

ClientSampleId :

MH-20A



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF123360.D

Acq: 3 Mar 2021 17:34

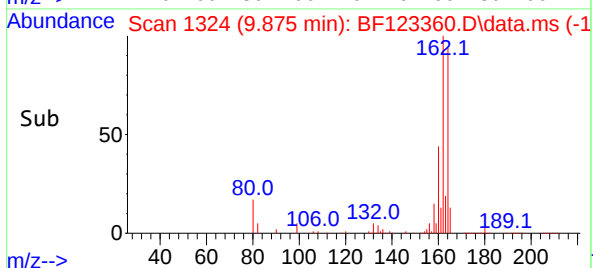
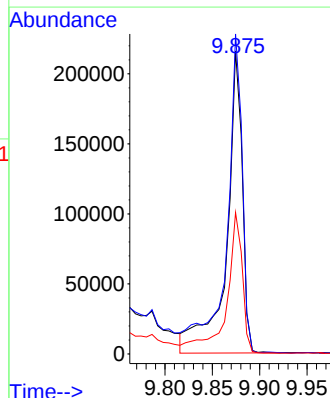
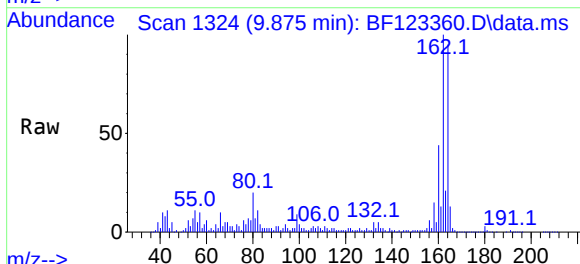
Tgt Ion:164 Resp: 251207

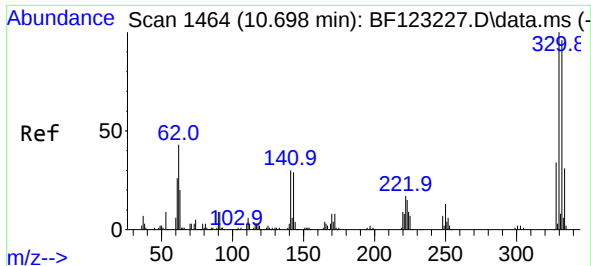
Ion Ratio Lower Upper

164 100

162 105.6 80.8 121.2

160 46.7 35.4 53.0

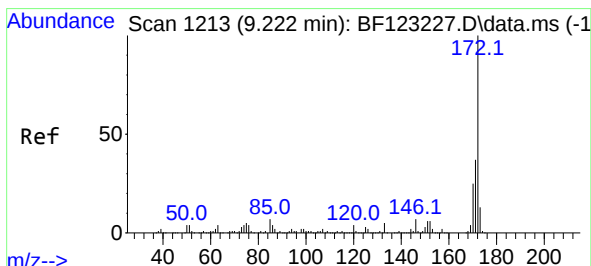
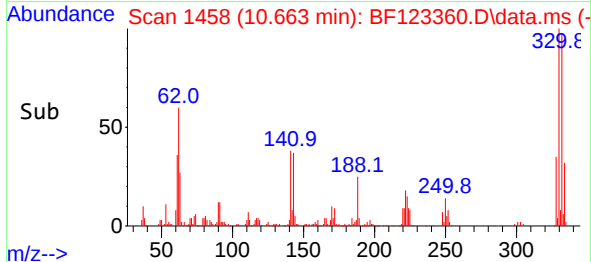
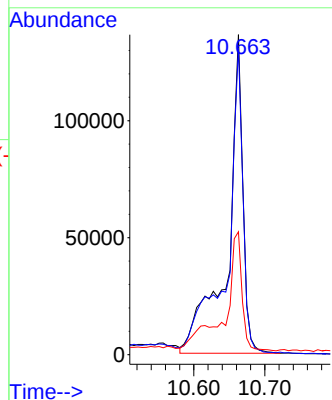
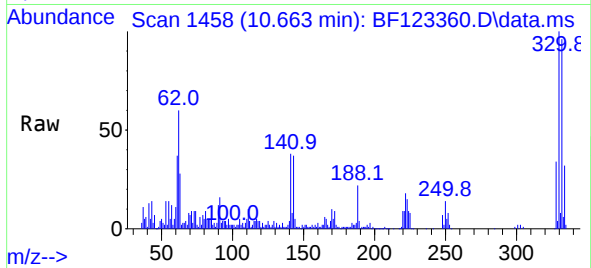




#42
2,4,6-Tribromophenol
Concen: 81.54 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.018 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

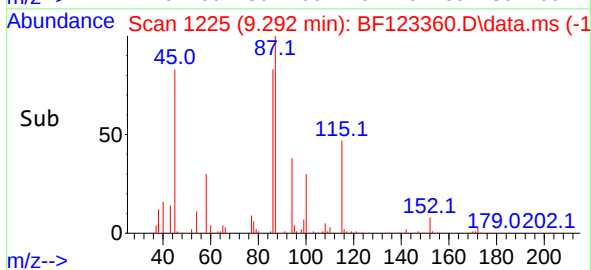
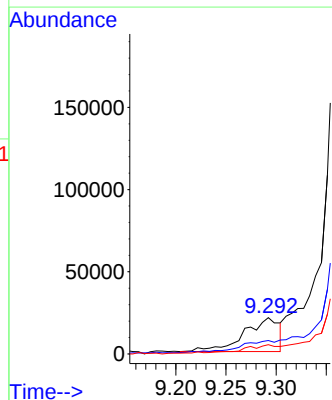
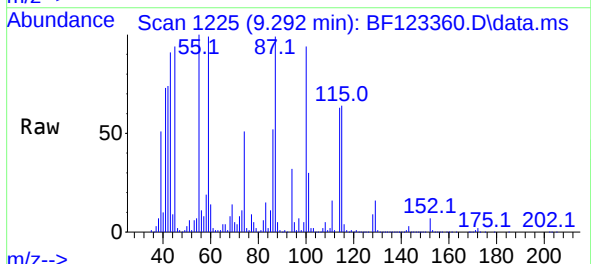
Instrument :
BNA_F
ClientSampled :
MH-20A

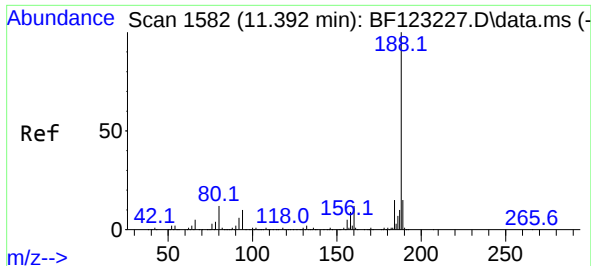
Tgt Ion: 330 Resp: 208569
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 29.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 2.88 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.082 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

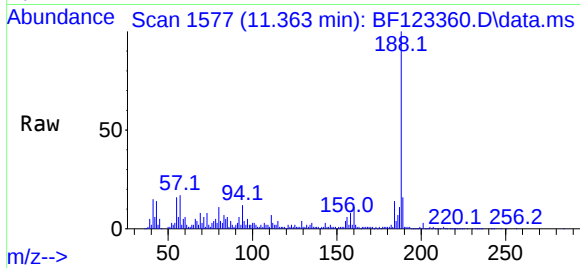
Tgt Ion: 172 Resp: 50339
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.6 19.5 29.3



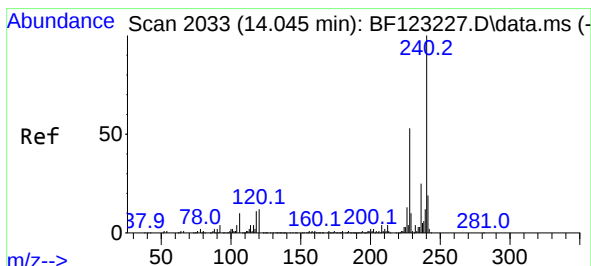
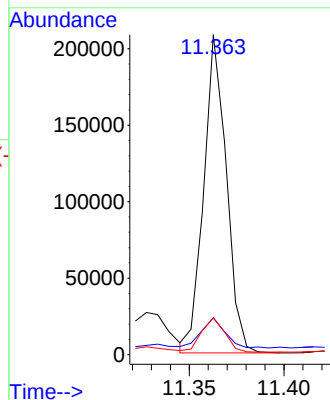
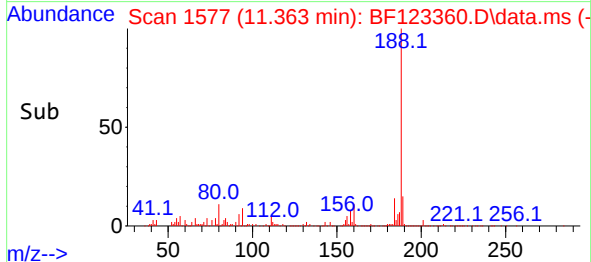


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

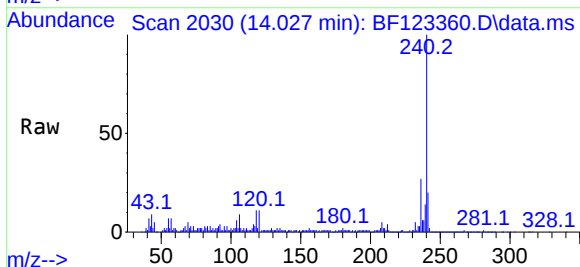
Instrument :
BNA_F
ClientSampleId :
MH-20A



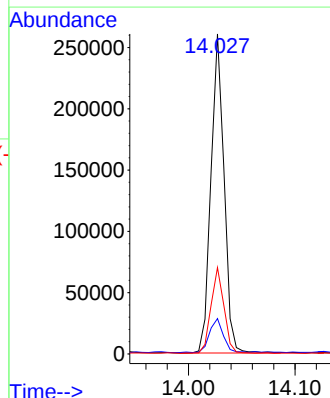
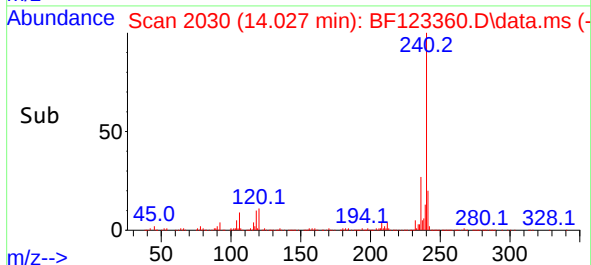
Tgt Ion:188 Resp: 173424
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 11.4 8.2 12.4

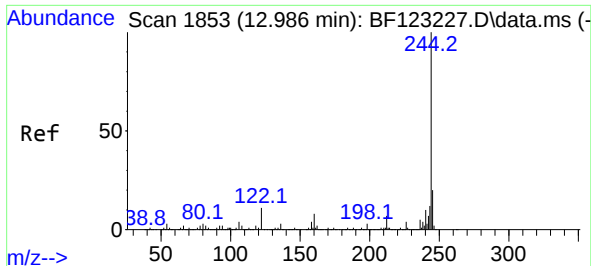


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34



Tgt Ion:240 Resp: 223185
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 27.0 20.3 30.5

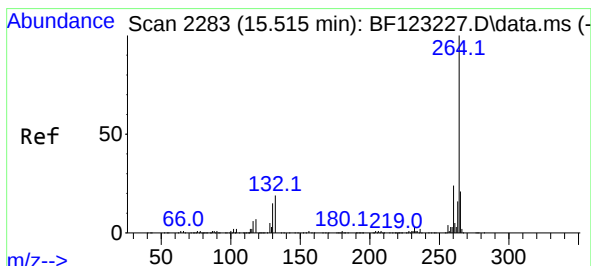
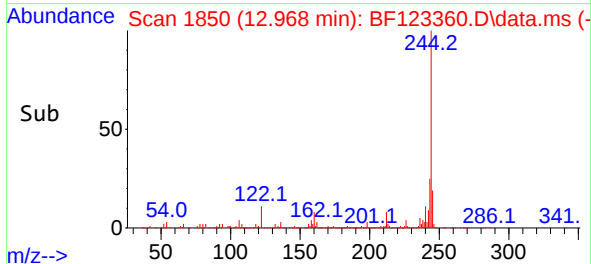
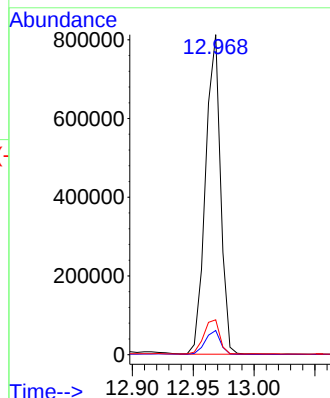
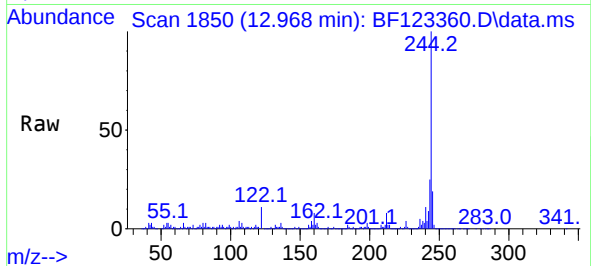




#79
Terphenyl-d14
Concen: 60.03 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

Instrument :
BNA_F
ClientSampleId :
MH-20A

Tgt Ion:244 Resp: 696731
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF123360.D
Acq: 3 Mar 2021 17:34

Tgt Ion:264 Resp: 339342
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 20.2 17.0 25.6

