

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119861.D
 Acq On : 9 Apr 2020 8:33
 Operator : MA/SJ
 Sample : L2151-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: Apr 09 09:18:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

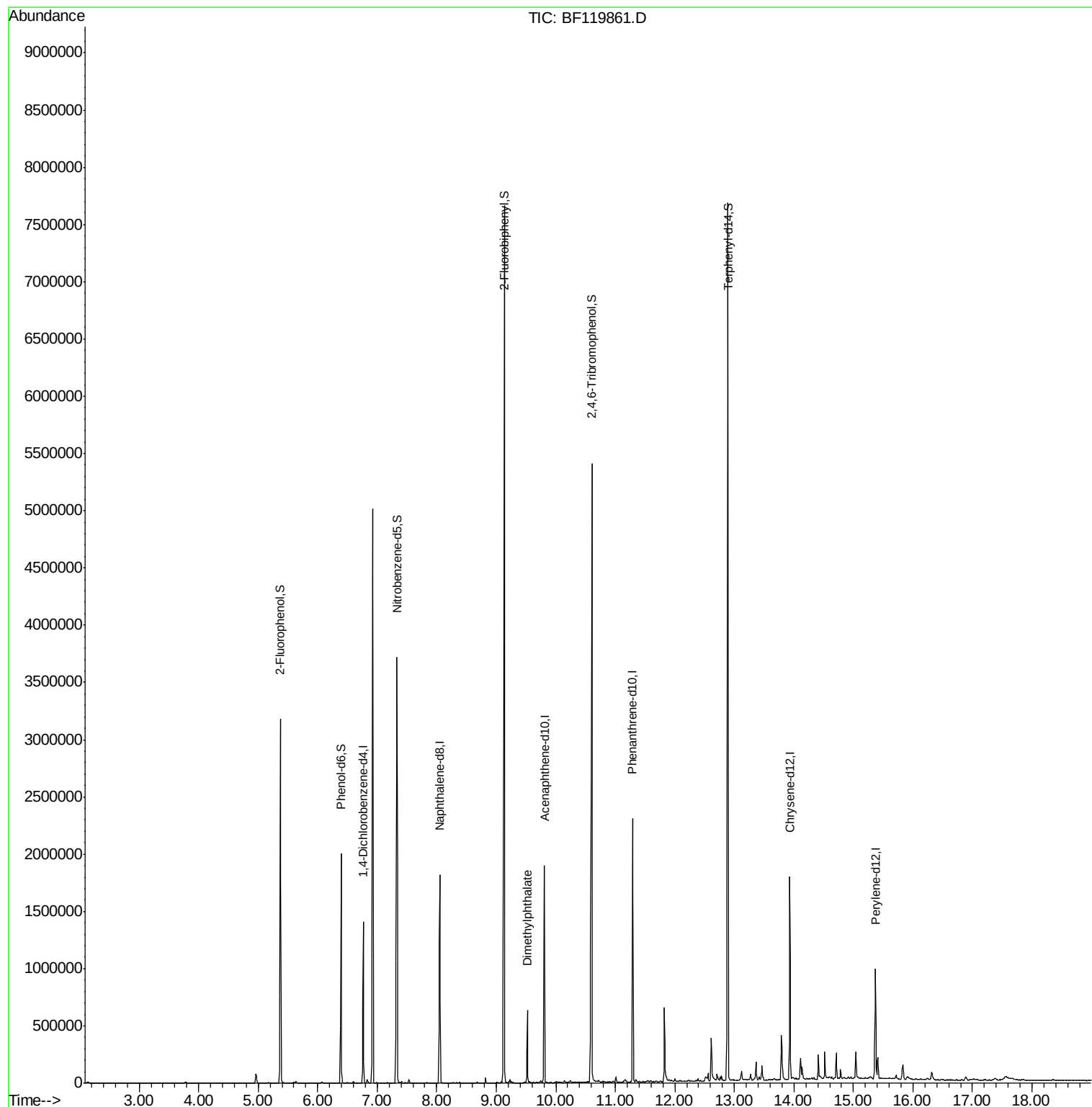
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	202810	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	768739	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	414132	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	803904	20.00	ng	0.00
76) Chrysene-d12	13.93	240	556470	20.00	ng	0.00
87) Perylene-d12	15.37	264	457586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	768217	65.46	ng	0.00
7) Phenol-d6	6.39	99	598309	39.57	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1363399	91.75	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	730904	144.15	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2646774	90.74	ng	0.00
79) Terphenyl-d14	12.89	244	3207432	96.99	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.52	163	221861	6.926	ng	99

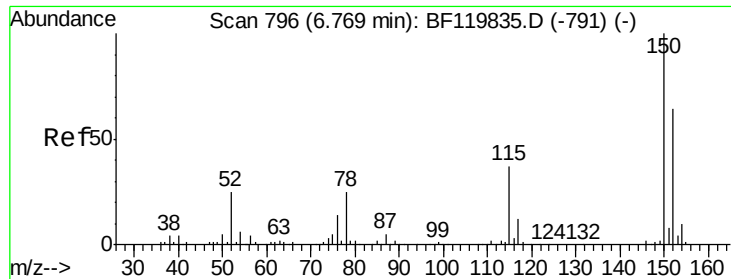
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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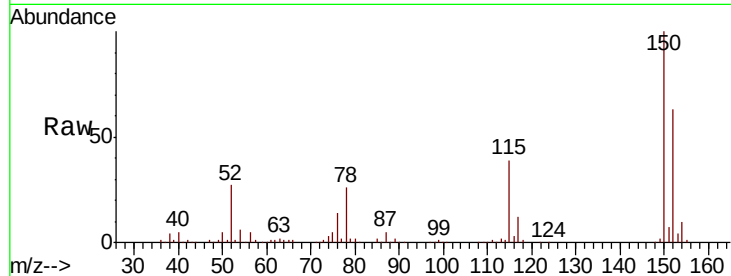


#1

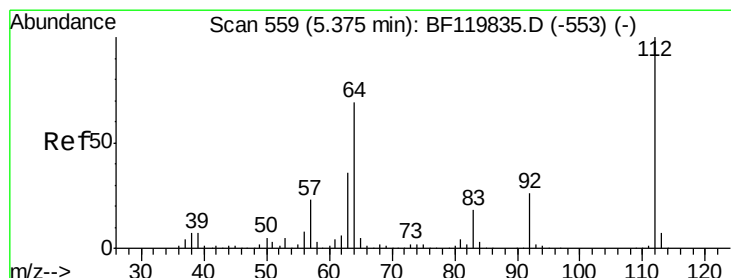
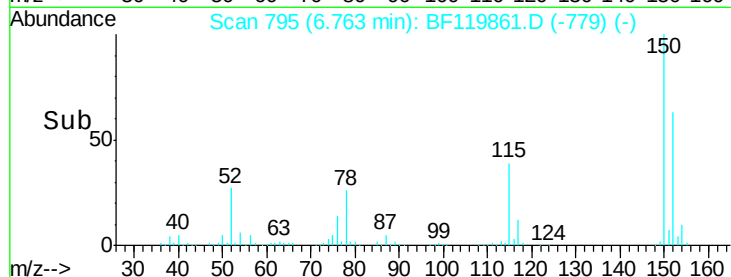
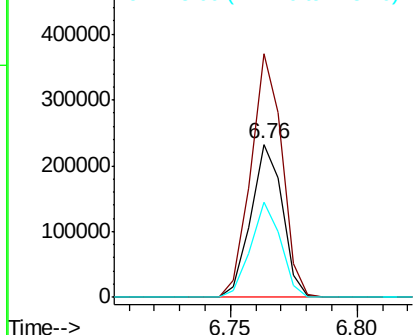
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Instrument :
 BNA_F
 ClientSampled :
 MH-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.8	187.2
115	62.4	46.5	69.7



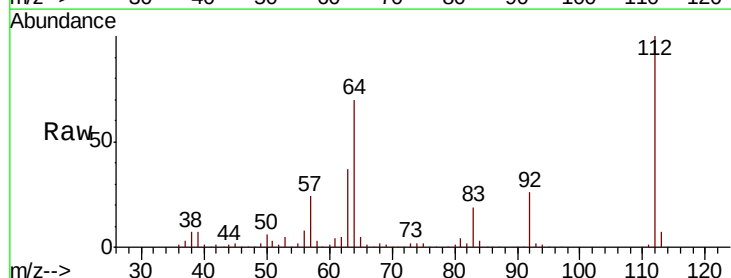
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



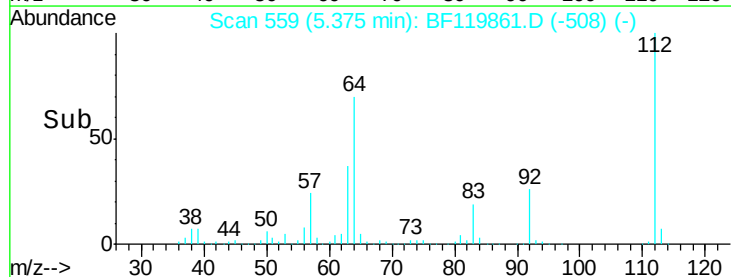
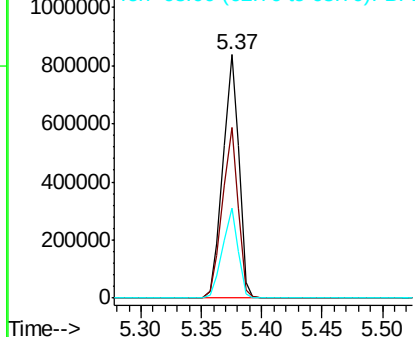
#5

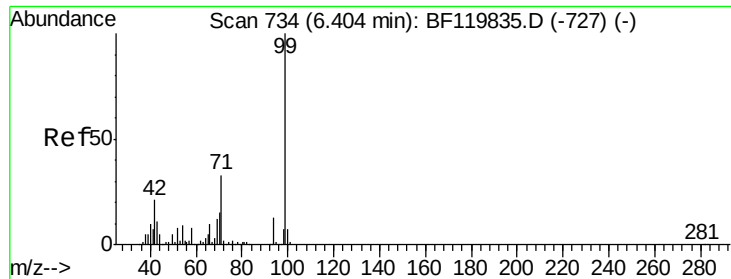
2-Fluorophenol
 Concen: 65.461 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.5	83.3
63	37.0	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 39.566 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

MH-J

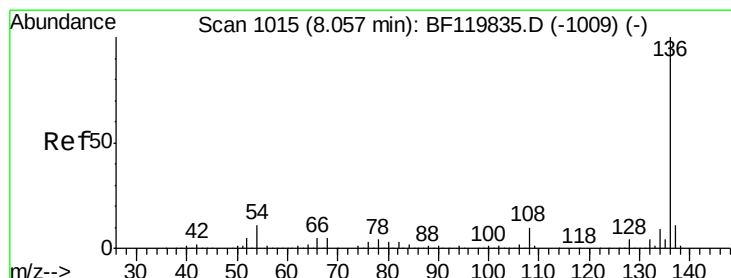
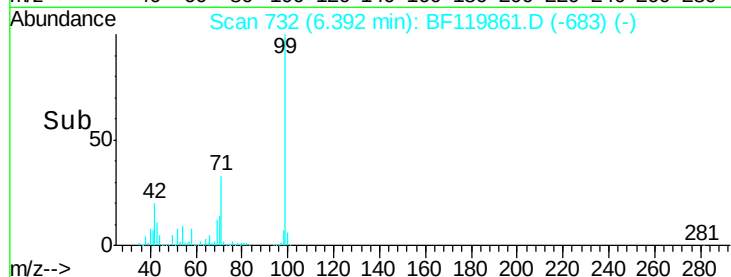
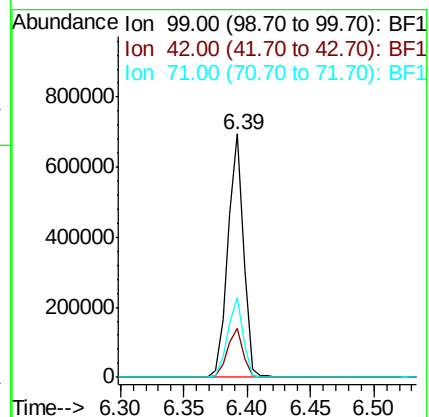
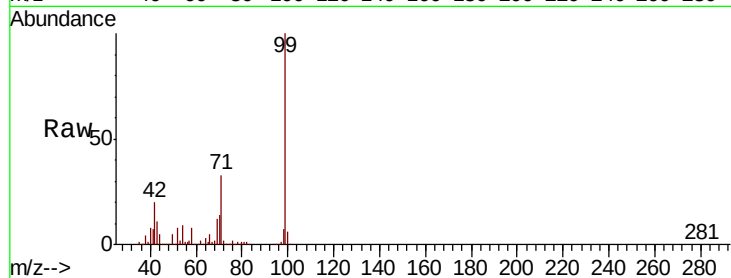
Tot Ion: 99 Resp: 598309

Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

71 32.9 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Tgt Ion: 136 Resp: 768739

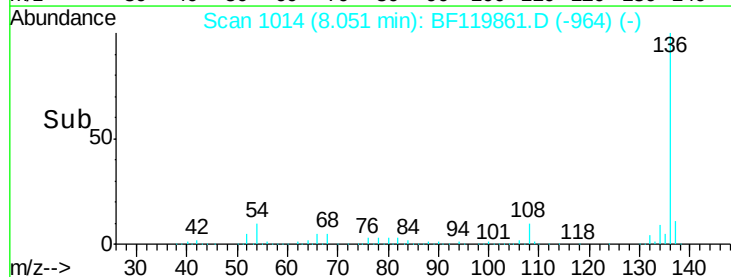
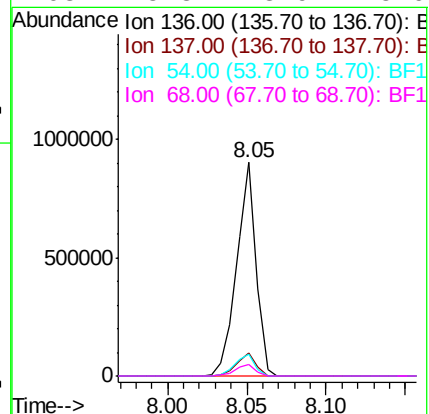
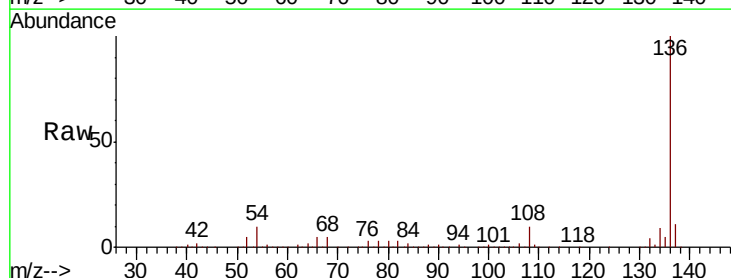
Ion Ratio Lower Upper

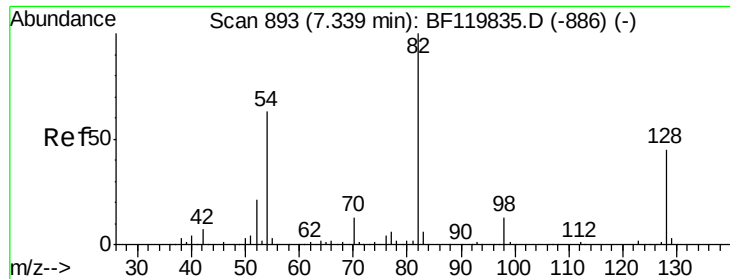
136 100

137 10.9 8.7 13.1

54 10.1 8.5 12.7

68 5.3 3.9 5.9

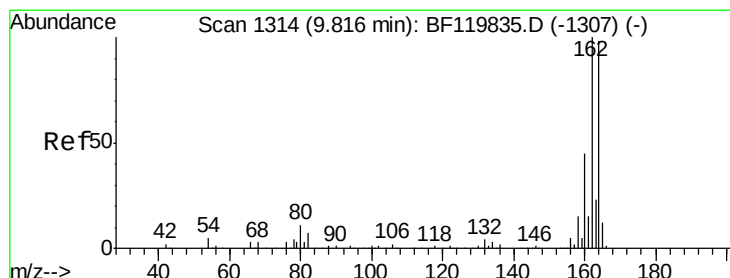
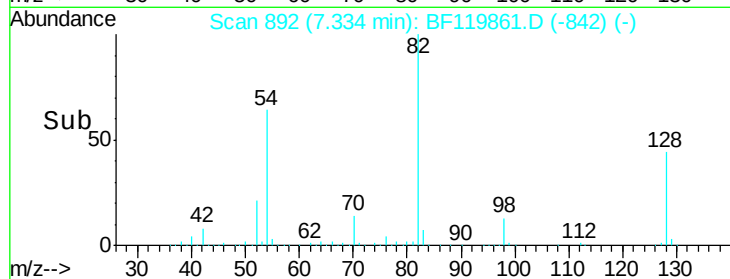
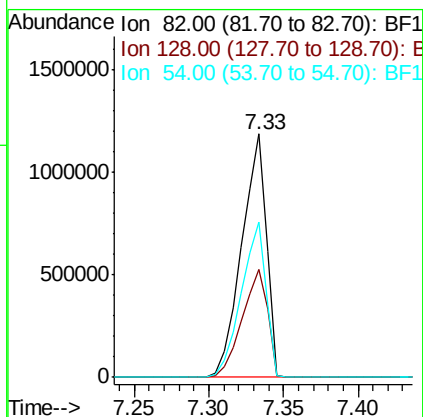
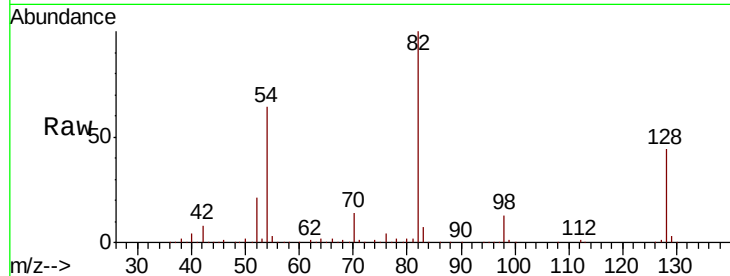




#23
 Nitrobenzene-d5
 Concen: 91.752 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

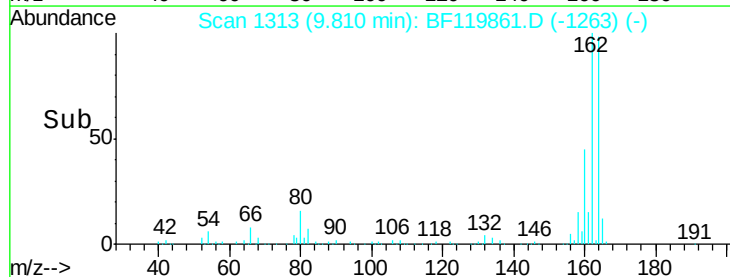
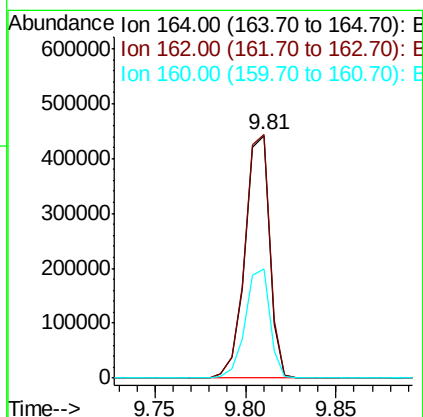
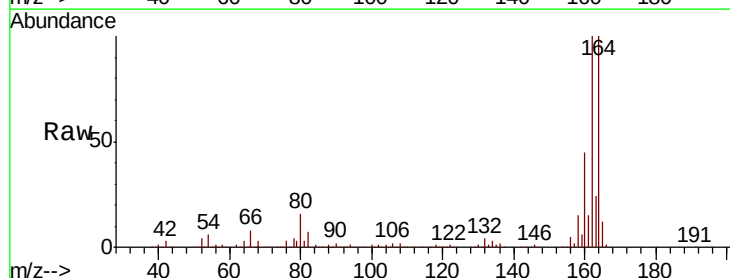
Instrument :
 BNA_F
 ClientSampleId :
 MH-J

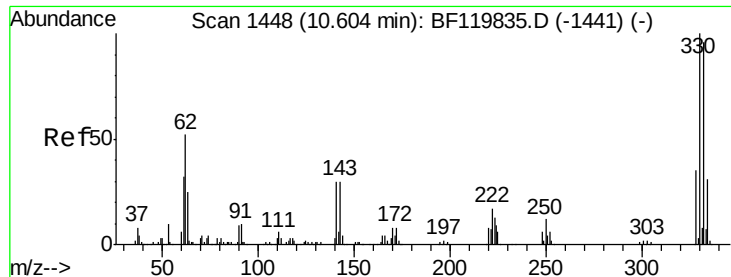
Tot Ion: 82 Resp: 1363399
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.2 54.4
 54 63.9 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Tgt Ion:164 Resp: 414132
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.9 122.9
 160 45.1 36.6 54.8

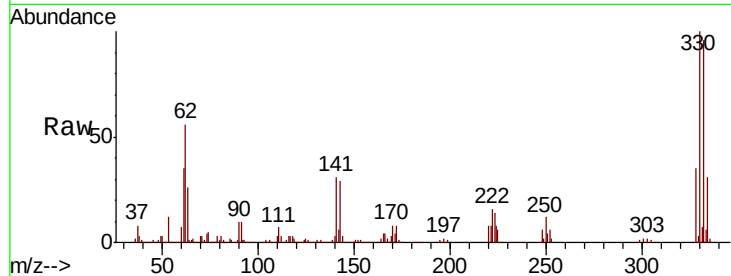




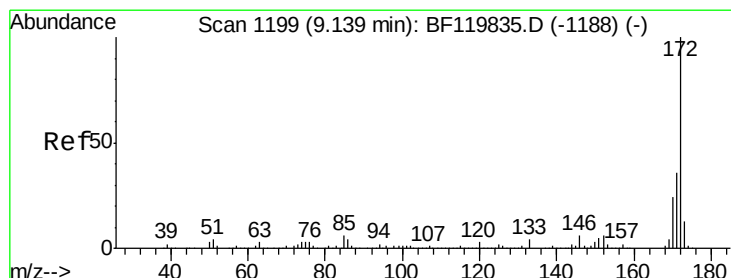
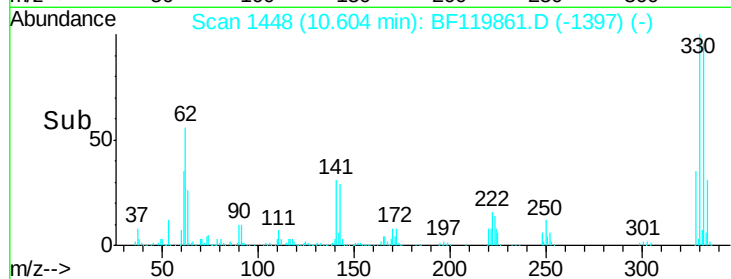
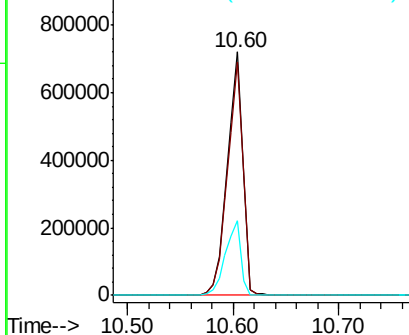
#42
 2,4,6-Tribromophenol
 Concen: 144.152 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Tot Ion:330 Resp: 730904
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 30.7 25.1 37.7

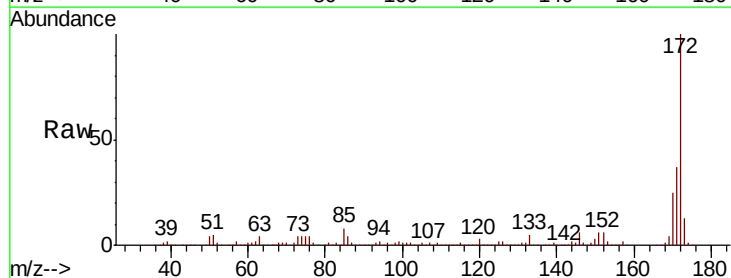


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

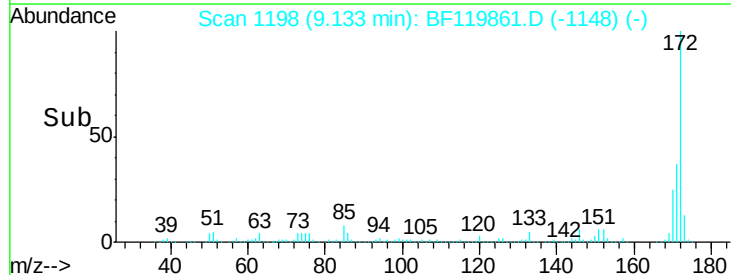
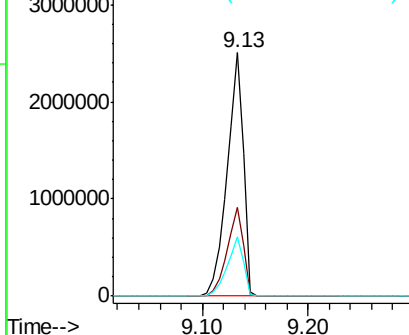


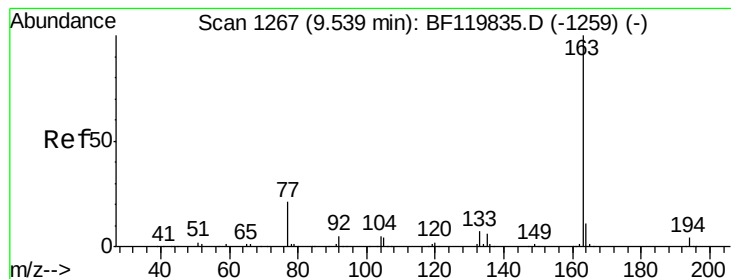
#45
 2-Fluorobiphenyl
 Concen: 90.740 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119861.D
 Acq: 9 Apr 2020 8:33

Tgt Ion:172 Resp: 2646774
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.926 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

MH-J

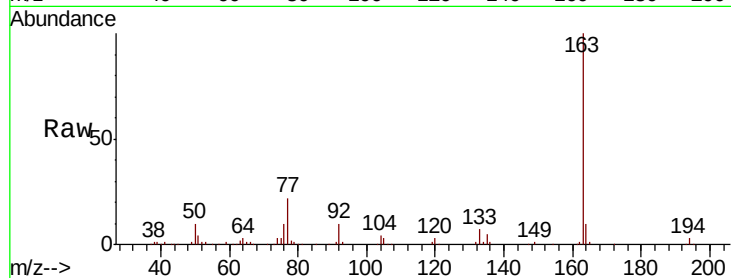
Tot Ion:163 Resp: 221861

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

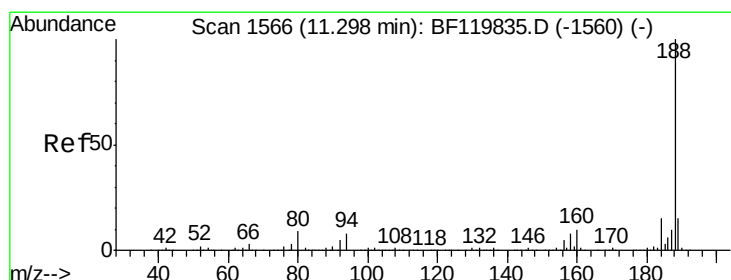
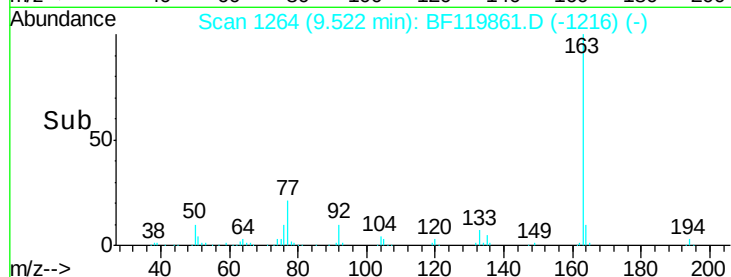
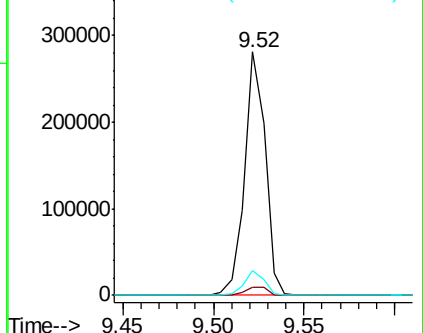
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

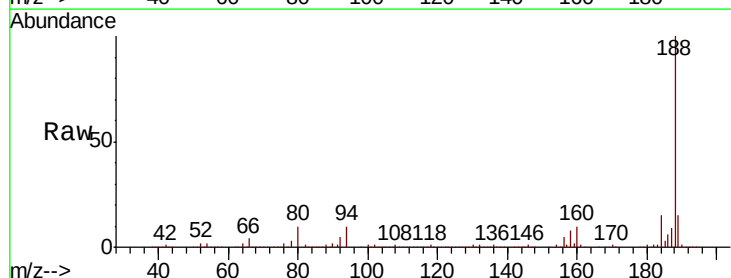
Tgt Ion:188 Resp: 803904

Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

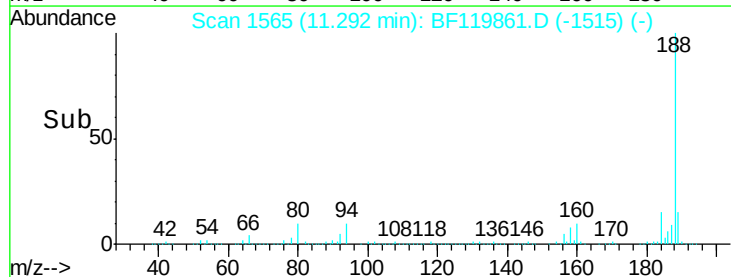
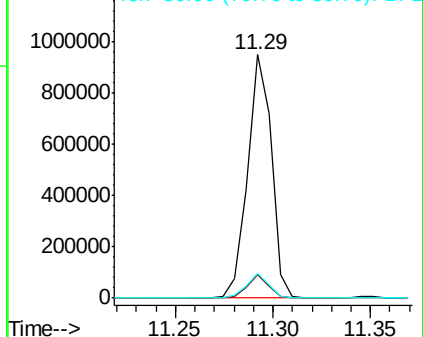
80 10.2 7.4 11.2

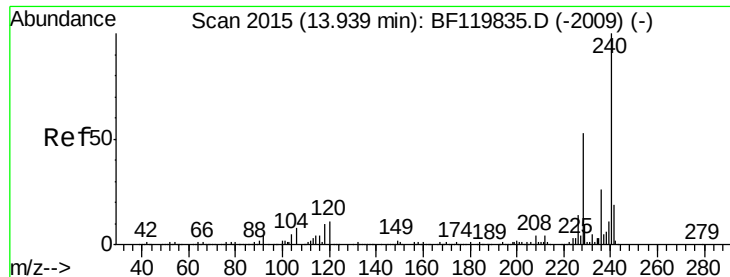


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

Instrument :

BNA_F

ClientSampleId :

MH-J

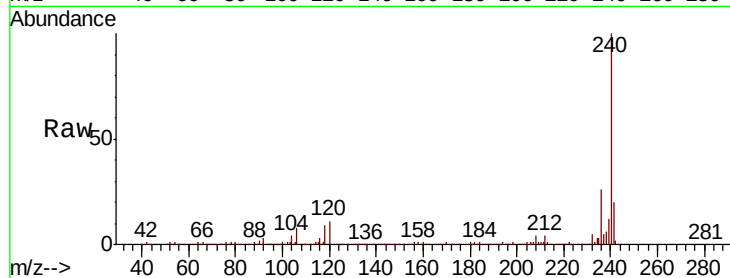
Tot Ion:240 Resp: 556470

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

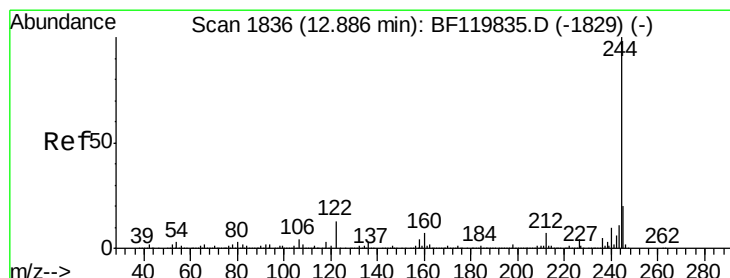
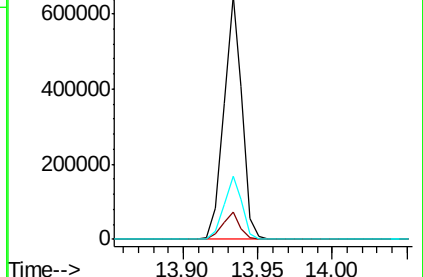
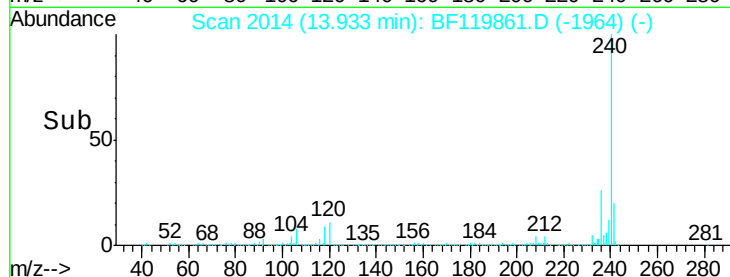
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 96.986 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119861.D

Acq: 9 Apr 2020 8:33

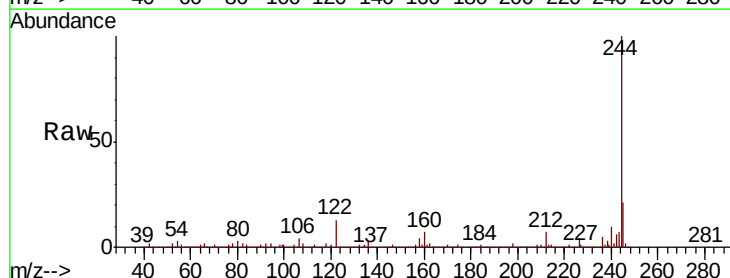
Tgt Ion:244 Resp: 3207432

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

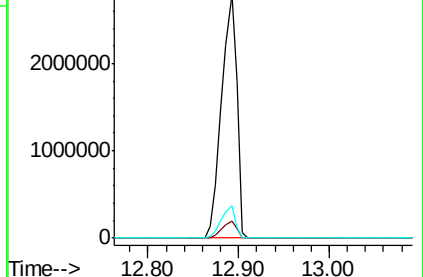
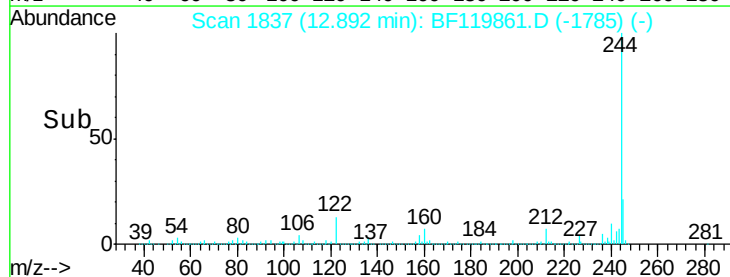
122 13.1 10.3 15.5

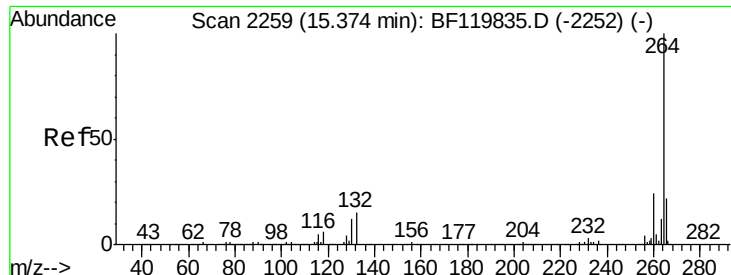


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

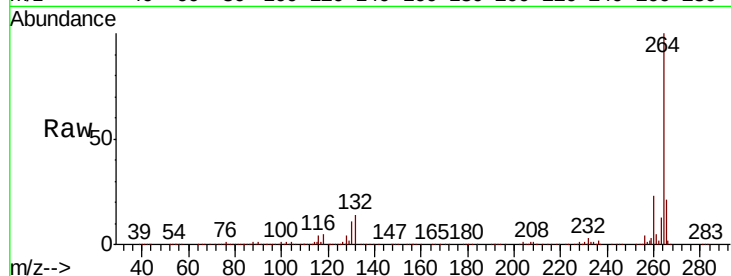




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119861.D
Acq: 9 Apr 2020 8:33

Instrument :
BNA_F
ClientSampleId :
MH-J

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.1	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

