

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119860.D
 Acq On : 9 Apr 2020 8:05
 Operator : MA/SJ
 Sample : L2151-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-5

Quant Time: Apr 09 09:14:28 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

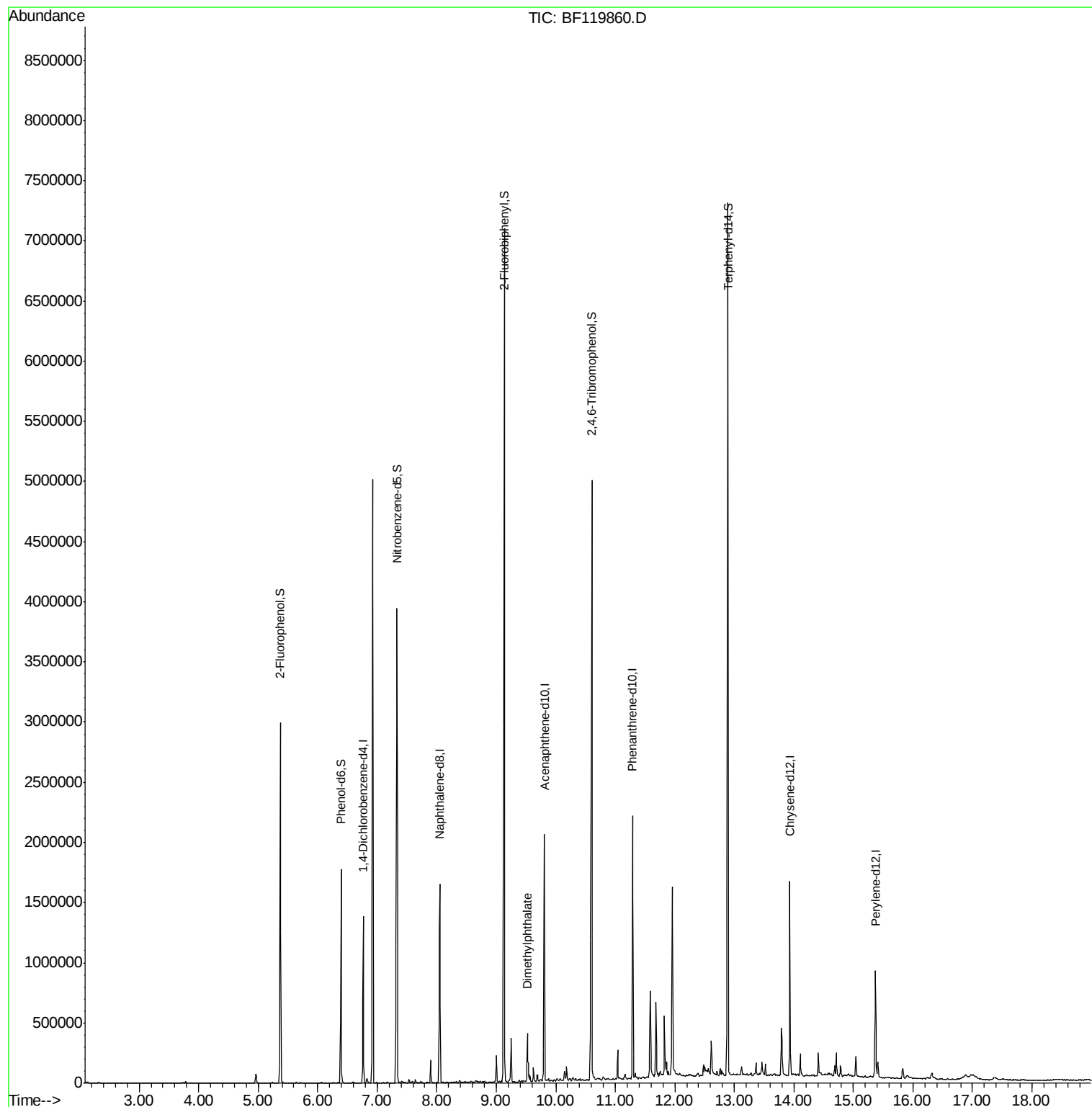
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	194452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	731500	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	434884	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	766169	20.00	ng	0.00
76) Chrysene-d12	13.93	240	521643	20.00	ng	0.00
87) Perylene-d12	15.37	264	421816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	716559	63.68	ng	0.00
7) Phenol-d6	6.39	99	524839	36.20	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1433908	101.41	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	682649	128.21	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2655946	86.71	ng	0.00
79) Terphenyl-d14	12.89	244	2871639	92.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	140393	4.174	ng	Qvalue 99

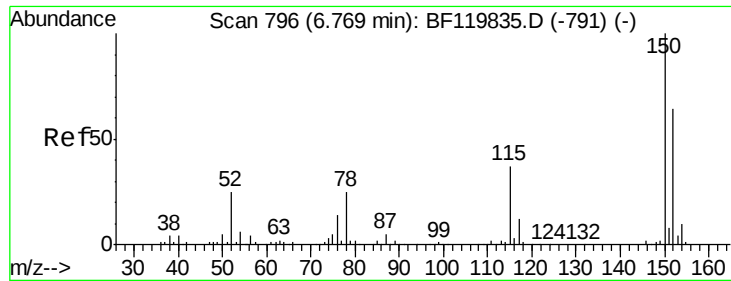
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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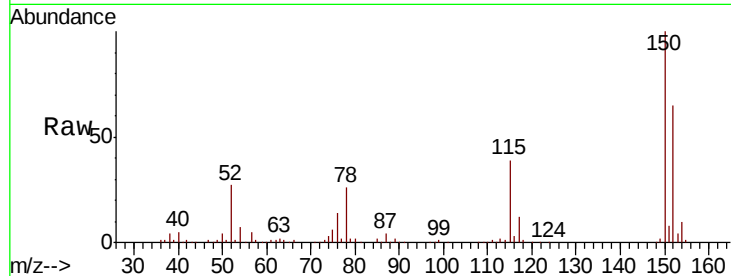


#1

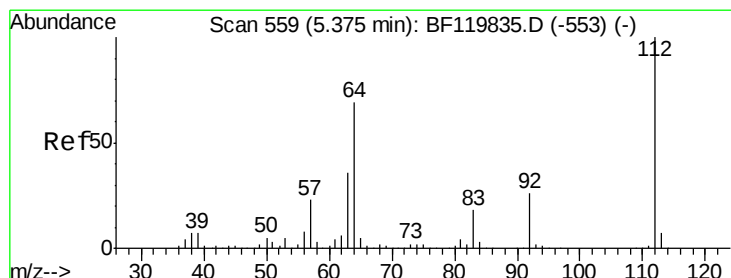
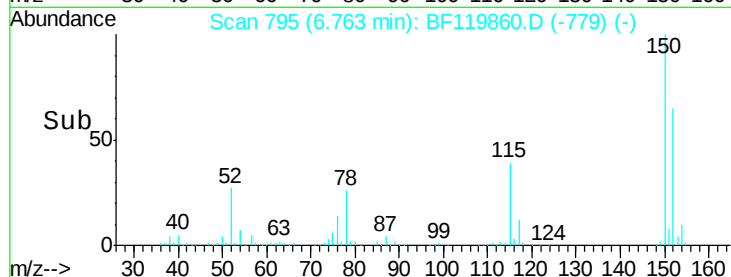
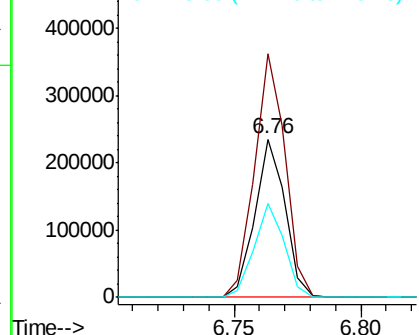
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Instrument :
BNA_F
ClientSampled :
MH-5

Tot Ion:152 Resp: 194452
Ion Ratio Lower Upper
152 100
150 154.2 124.8 187.2
115 59.4 46.5 69.7



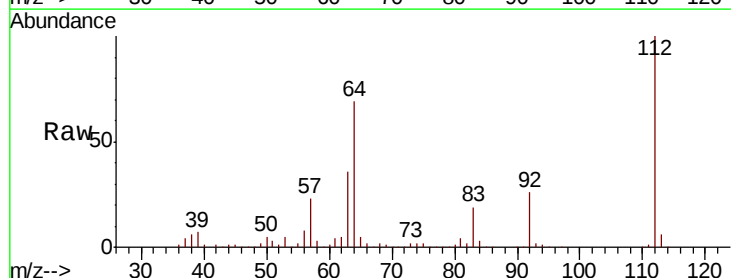
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



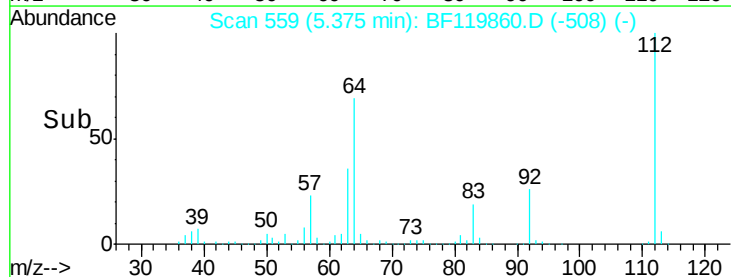
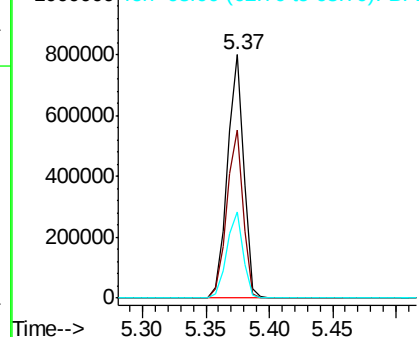
#5

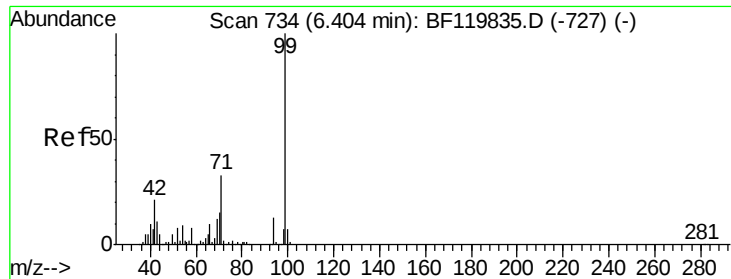
2-Fluorophenol
Concen: 63.684 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion:112 Resp: 716559
Ion Ratio Lower Upper
112 100
64 69.2 55.5 83.3
63 35.6 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: 36.200 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

MH-5

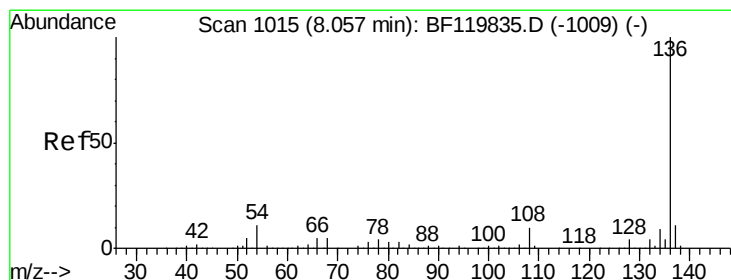
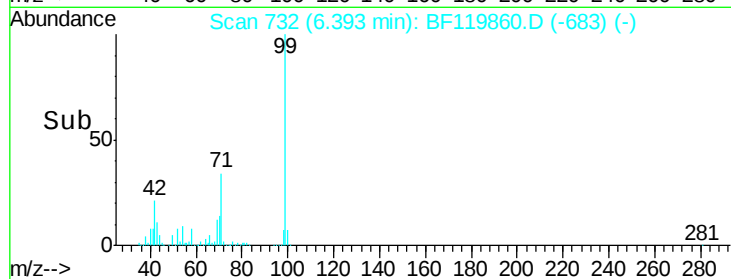
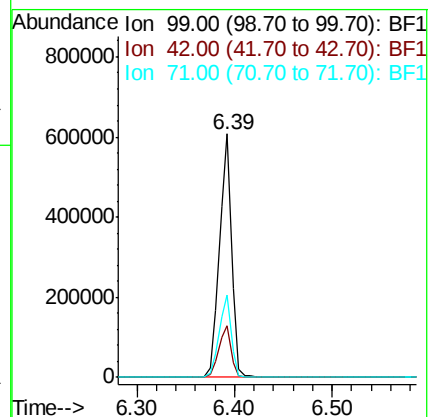
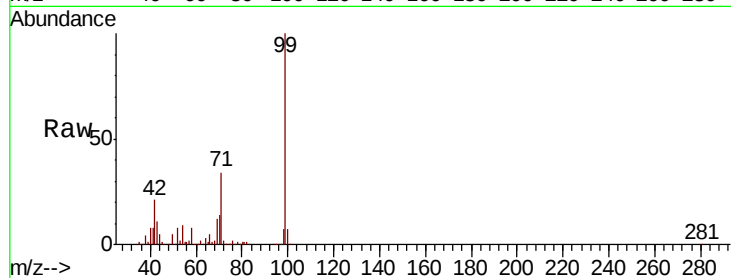
Tot Ion: 99 Resp: 524839

Ion Ratio Lower Upper

99 100

42 21.2 16.9 25.3

71 33.7 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: BF119860.D

Acq: 9 Apr 2020 8:05

Tgt Ion: 136 Resp: 731500

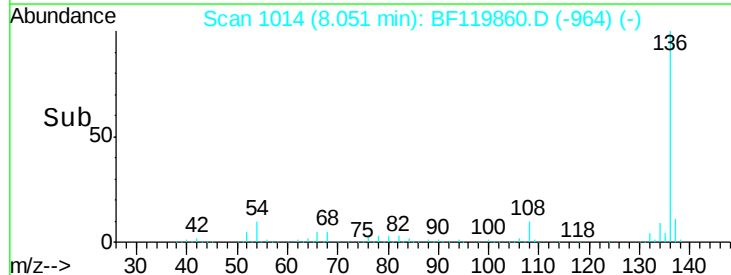
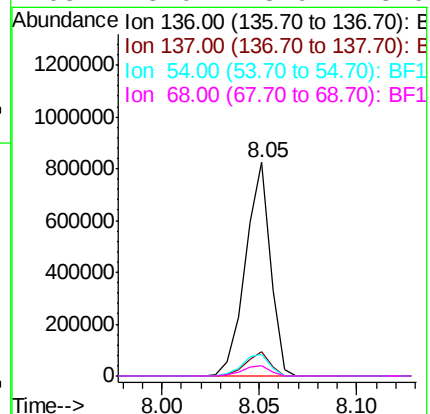
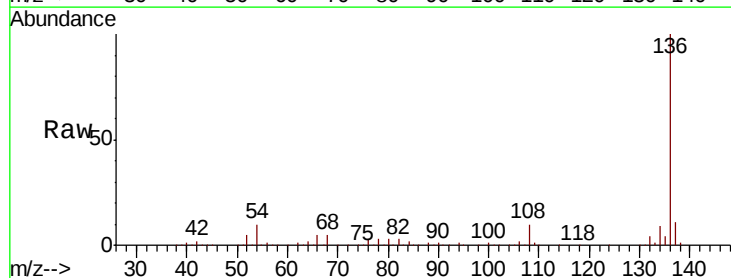
Ion Ratio Lower Upper

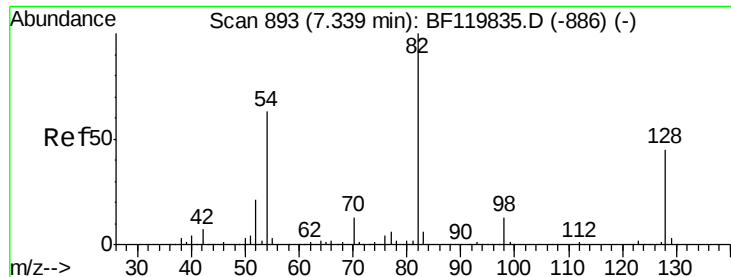
136 100

137 11.3 8.7 13.1

54 10.0 8.5 12.7

68 5.0 3.9 5.9

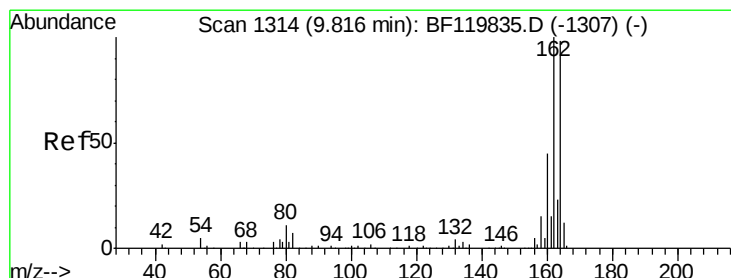
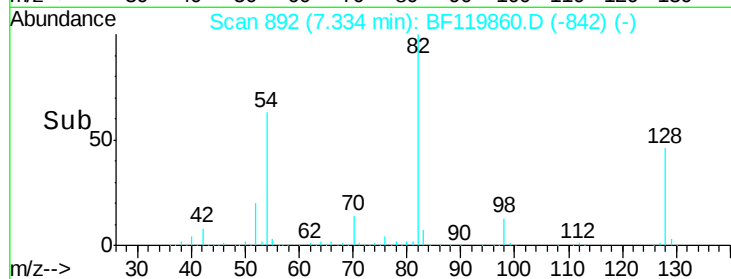
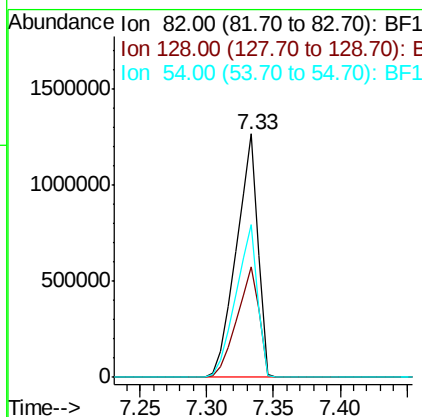
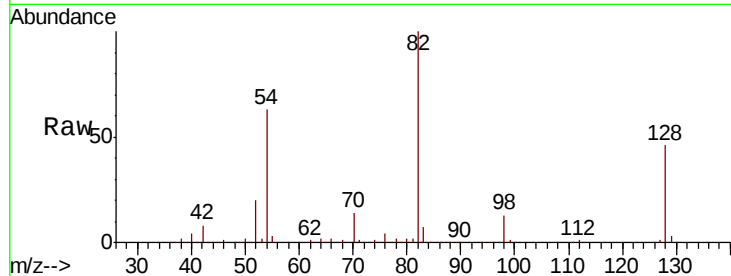




#23
Nitrobenzene-d5
Concen: 101.410 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

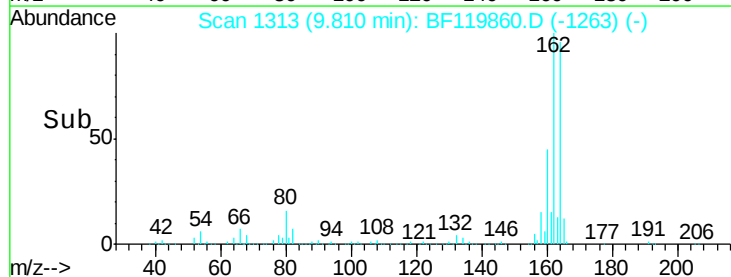
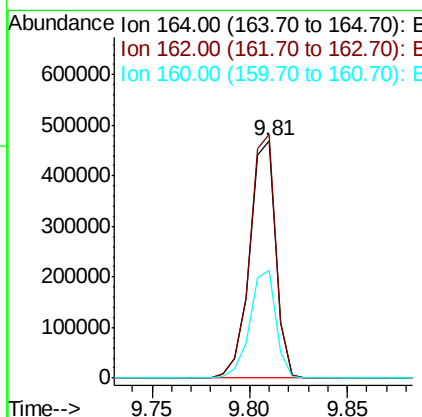
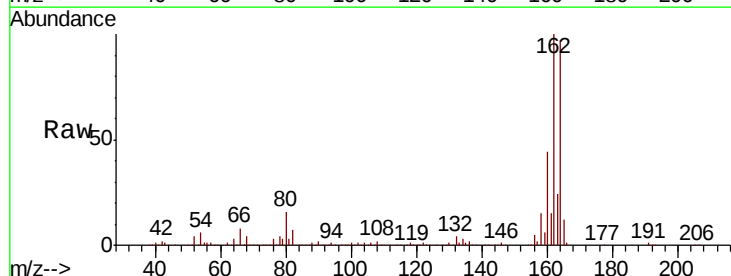
Instrument :
BNA_F
ClientSampleId :
MH-5

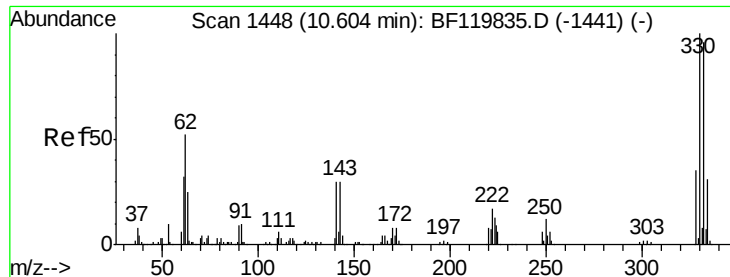
Tot Ion: 82 Resp: 1433908
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.4
54 62.9 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion:164 Resp: 434884
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 45.6 36.6 54.8

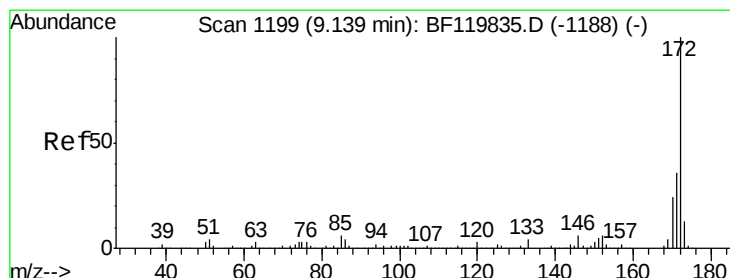
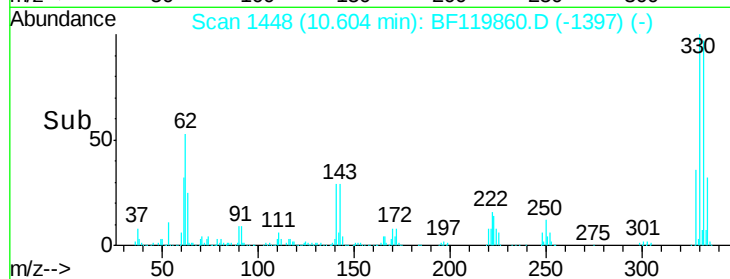
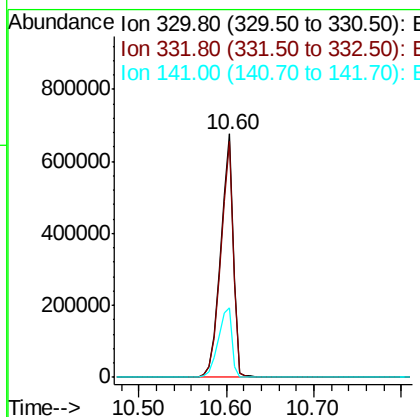
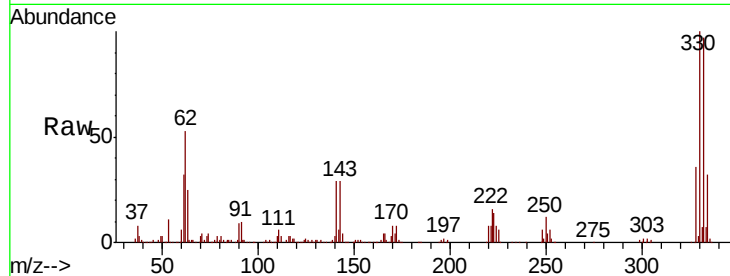




#42
 2,4,6-Tribromophenol
 Concen: 128.210 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

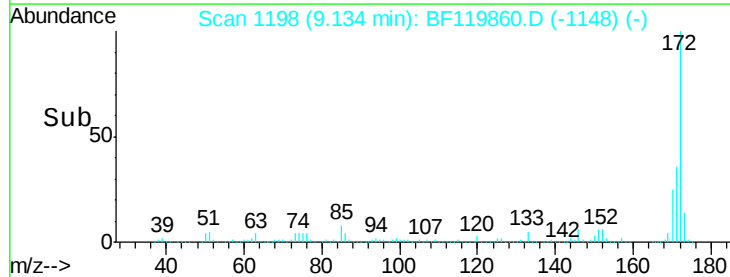
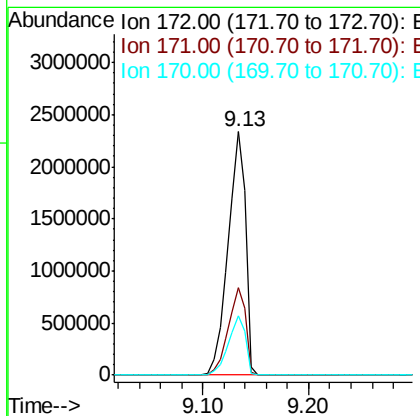
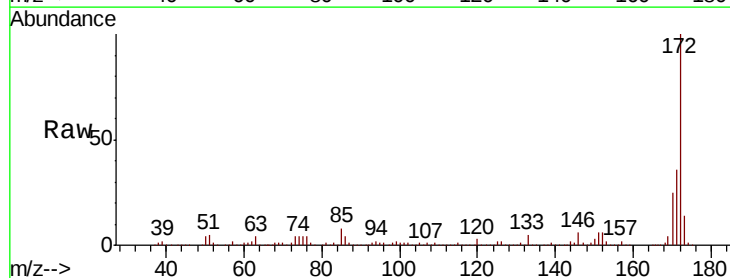
Instrument :
 BNA_F
 ClientSampleId :
 MH-5

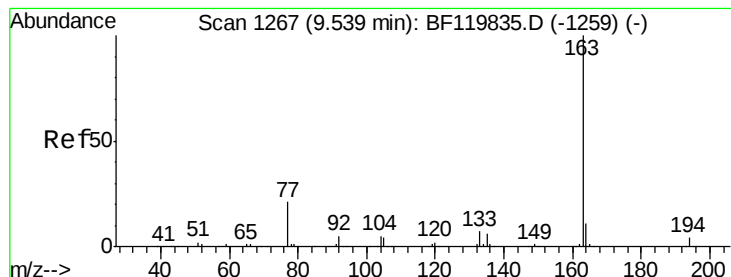
Tot Ion:330 Resp: 682649
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 31.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 86.710 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Tgt Ion:172 Resp: 2655946
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 19.4 29.2





#50

Dimethylphthalate

Concen: 4.174 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

MH-5

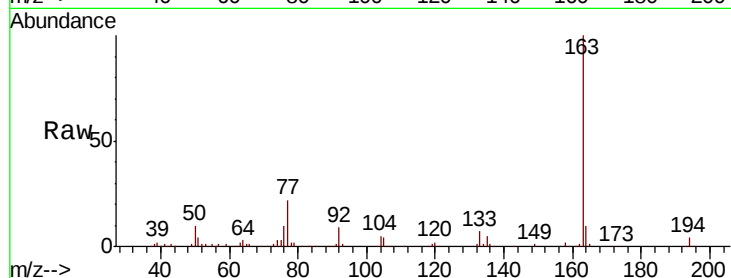
Tot Ion:163 Resp: 140393

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

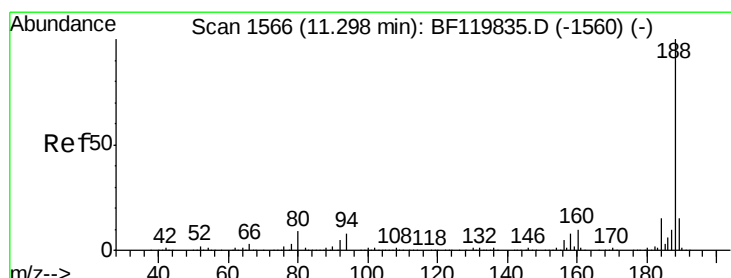
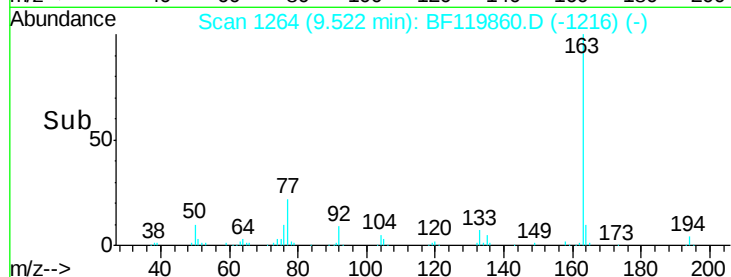
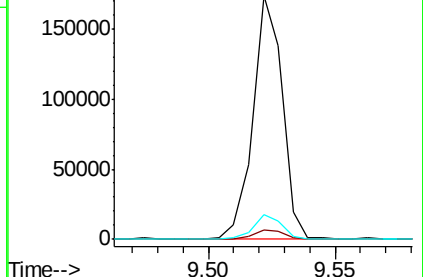
164 10.0 8.4 12.6



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: BF119860.D

Acq: 9 Apr 2020 8:05

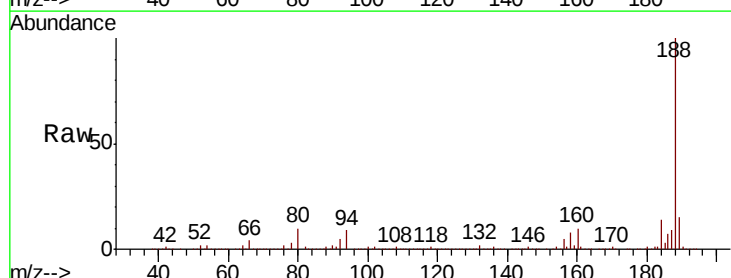
Tgt Ion:188 Resp: 766169

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

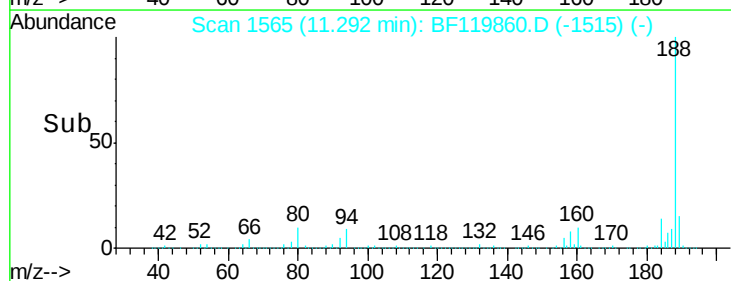
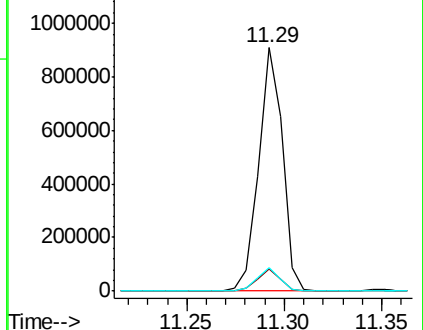
80 9.8 7.4 11.2

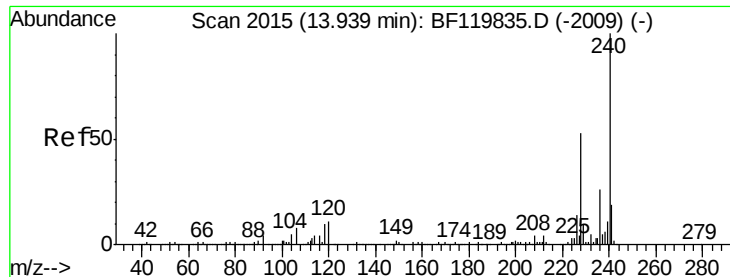


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119860.D

Acq: 9 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

MH-5

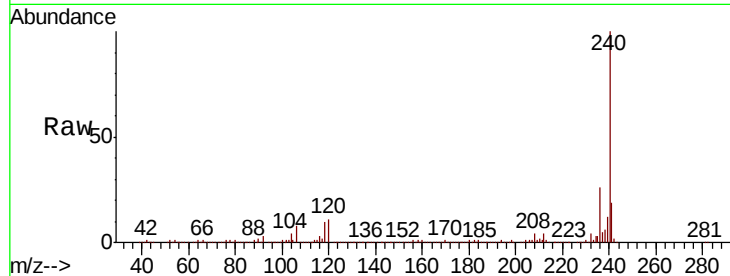
Tot Ion:240 Resp: 521643

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

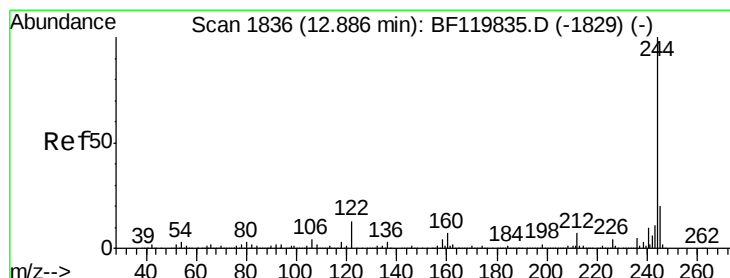
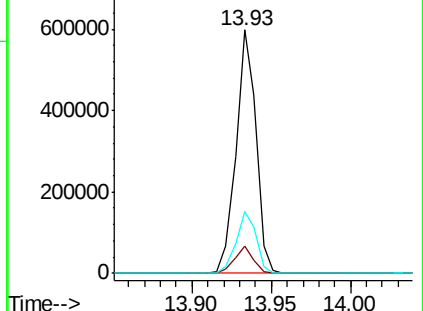
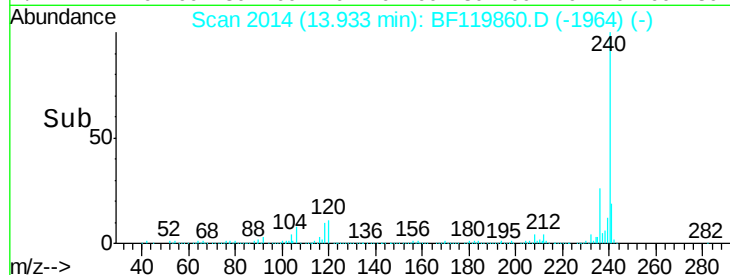
236 25.6 20.7 31.1



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: 92.630 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

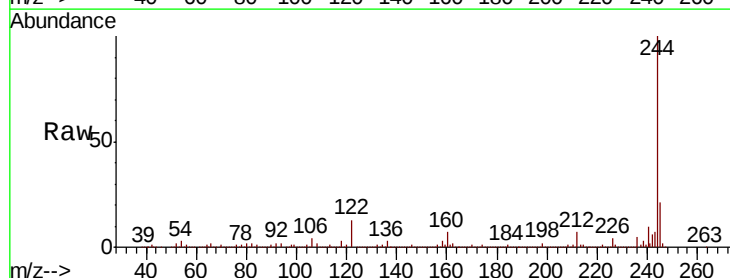
Tgt Ion:244 Resp: 2871639

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

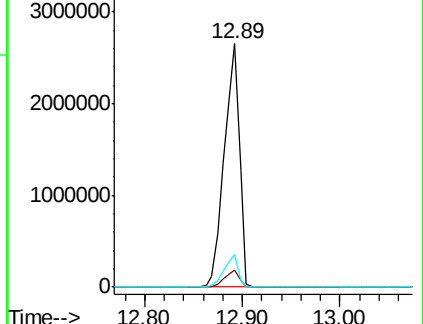
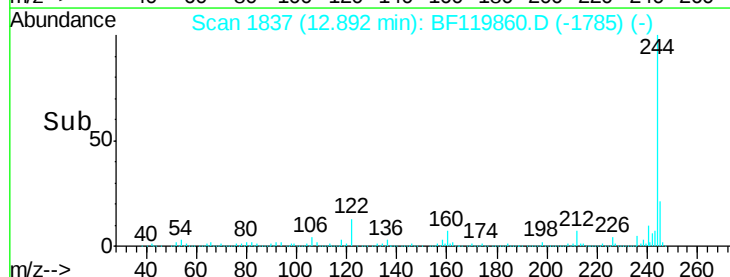
122 13.1 10.3 15.5

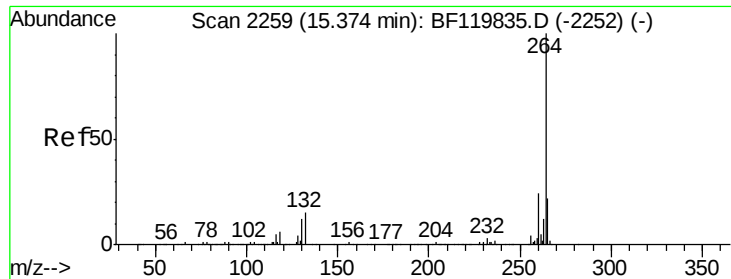


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

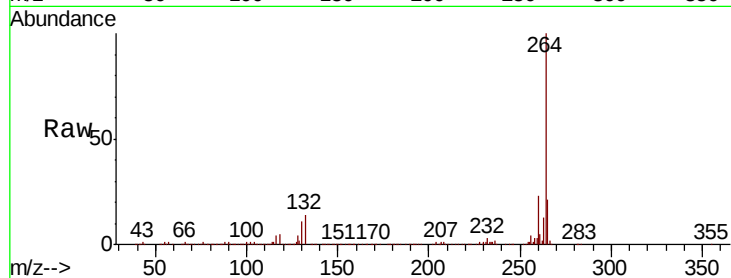




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Instrument :
 BNA_F
 ClientSampleId :
 MH-5

Tot Ion: 264 Resp: 421816
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.8 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

