

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119842.D
 Acq On : 8 Apr 2020 23:50
 Operator : MA/SJ
 Sample : PB128073BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BL

Quant Time: Apr 09 02:25:19 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	130688	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	491365	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	262696	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	524145	20.00	ng	0.00
76) Chrysene-d12	13.93	240	445257	20.00	ng	0.00
87) Perylene-d12	15.37	264	456566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1321153	174.71	ng	0.01
7) Phenol-d6	6.40	99	1505763	154.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	952833	100.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	474410	147.50	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1811374	97.90	ng	0.00
79) Terphenyl-d14	12.89	244	2341010	88.47	ng	0.00

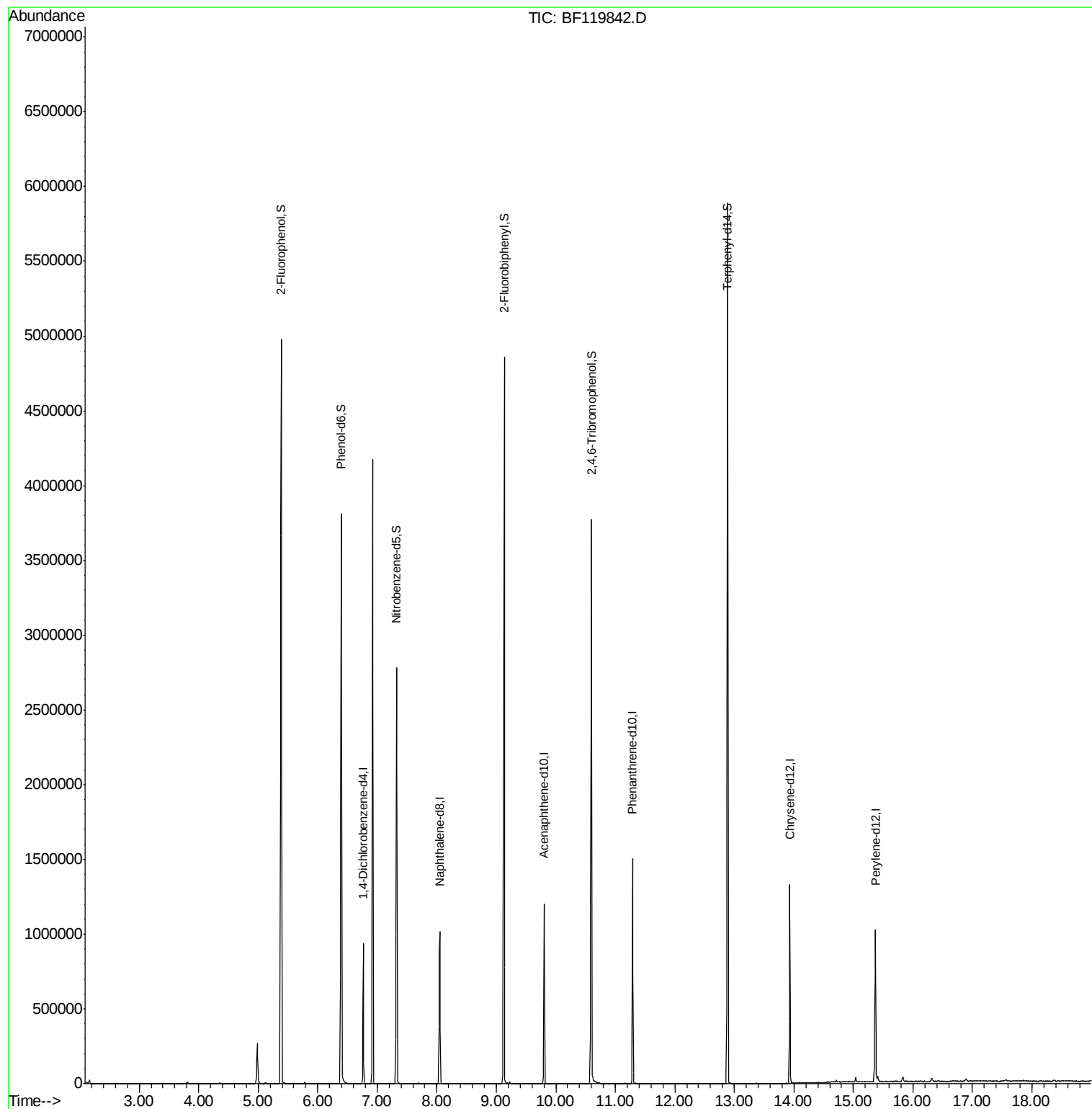
Target Compounds Qvalue

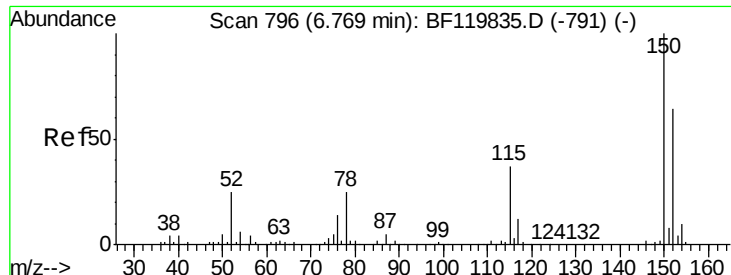
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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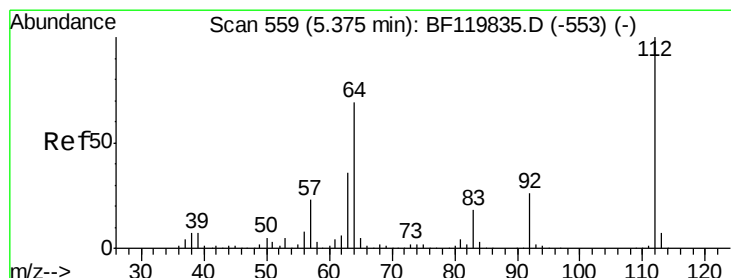
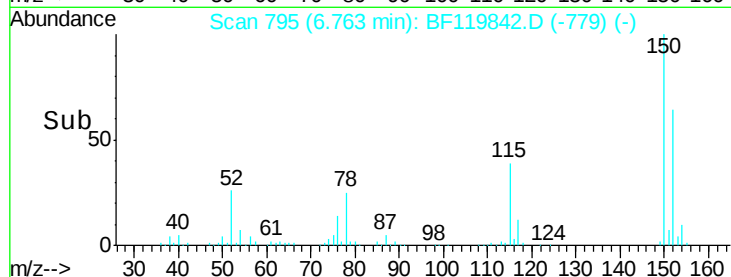
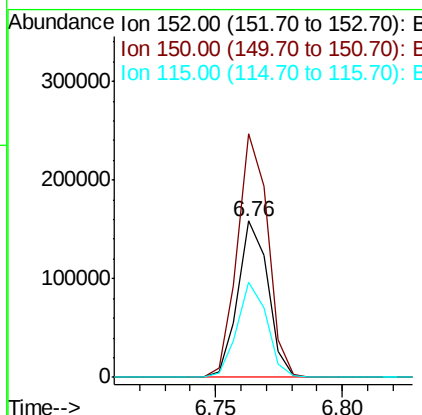
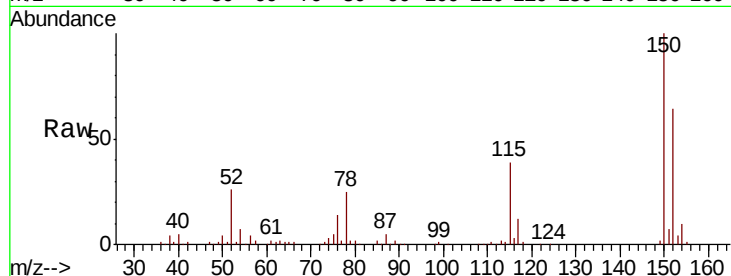


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

Instrument :
BNA_F
ClientSampleId :
PB128073BL

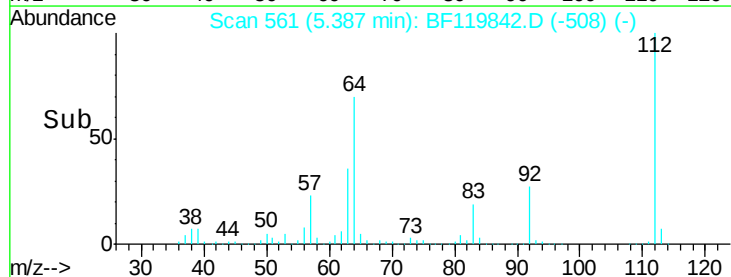
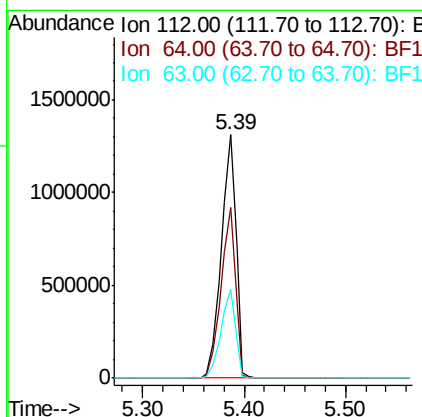
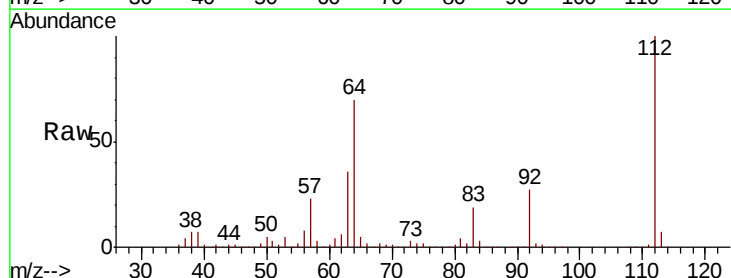
Tot Ion:152 Resp: 130688
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 60.8 46.5 69.7

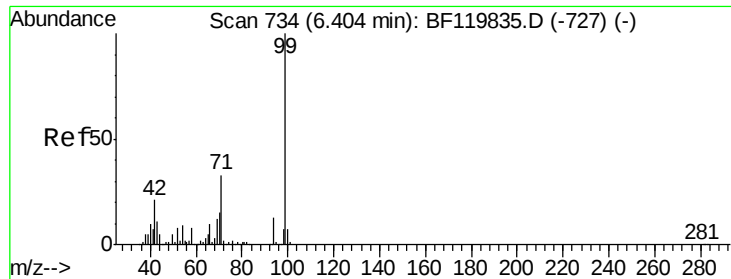


#5

2-Fluorophenol
Concen: 174.706 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

Tgt Ion:112 Resp: 1321153
Ion Ratio Lower Upper
112 100
64 70.3 55.5 83.3
63 36.4 29.1 43.7





#7

Phenol-d6

Concen: 154.529 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119842.D

Acq: 8 Apr 2020 23:50

Instrument :

BNA_F

ClientSampleId :

PB128073BL

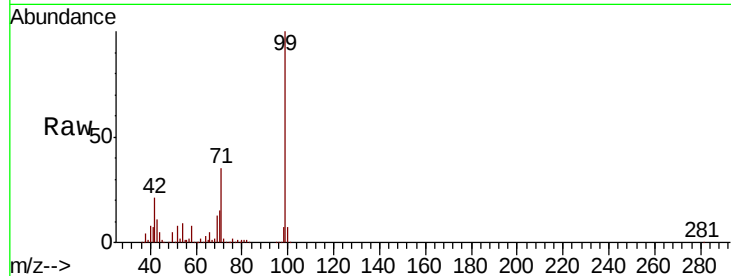
Tot Ion: 99 Resp: 1505763

Ion Ratio Lower Upper

99 100

42 21.2 16.9 25.3

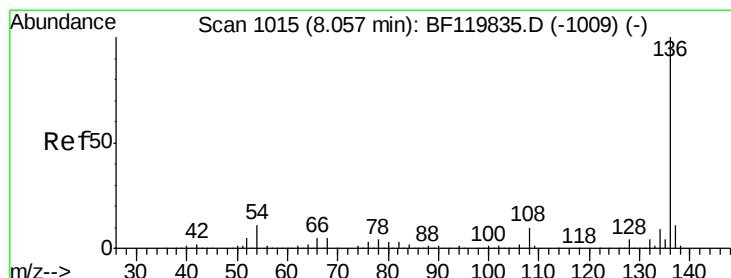
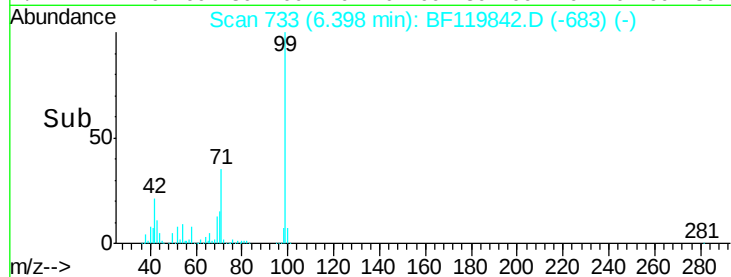
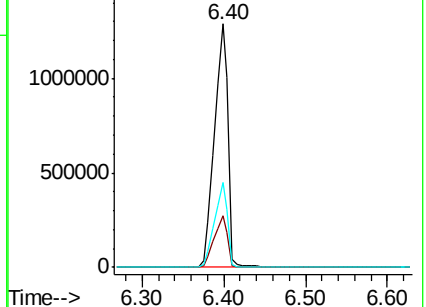
71 34.9 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119842.D

Acq: 8 Apr 2020 23:50

Tgt Ion: 136 Resp: 491365

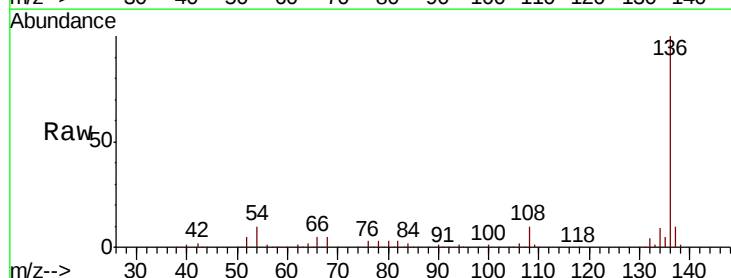
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.8 8.5 12.7

68 5.0 3.9 5.9

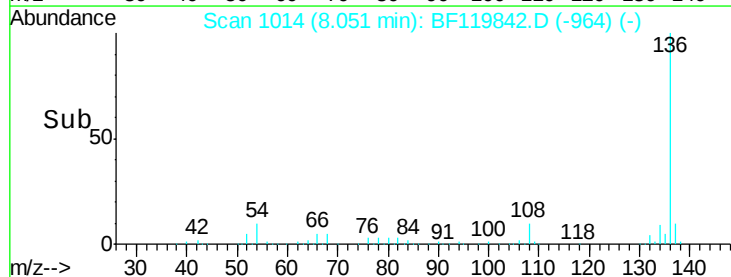
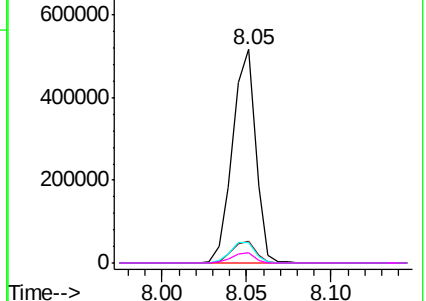


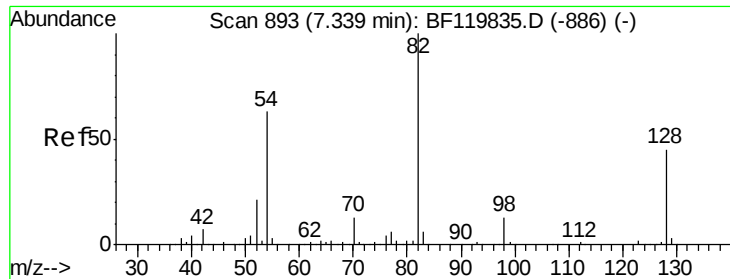
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

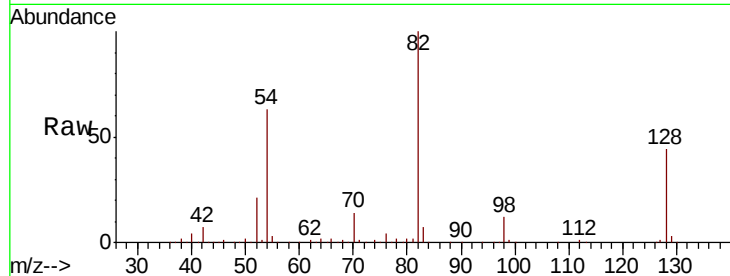




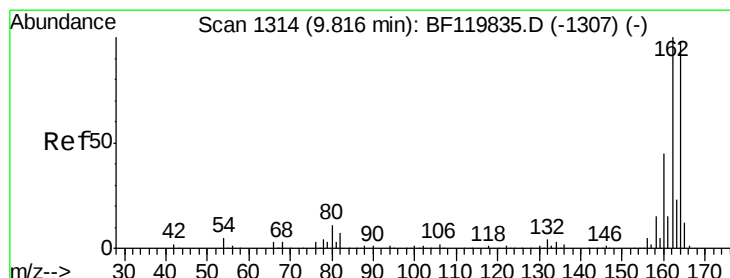
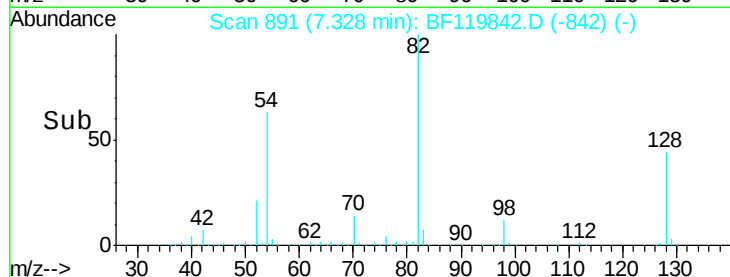
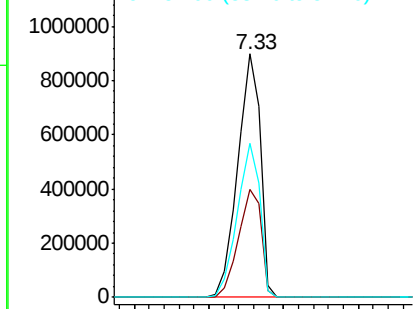
#23
Nitrobenzene-d5
Concen: 100.319 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

Instrument :
BNA_F
ClientSampleId :
PB128073BL

Tot Ion: 82 Resp: 952833
Ion Ratio Lower Upper
82 100
128 44.5 36.2 54.4
54 63.4 50.4 75.6

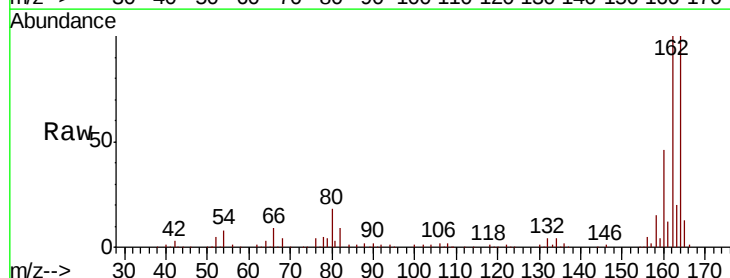


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

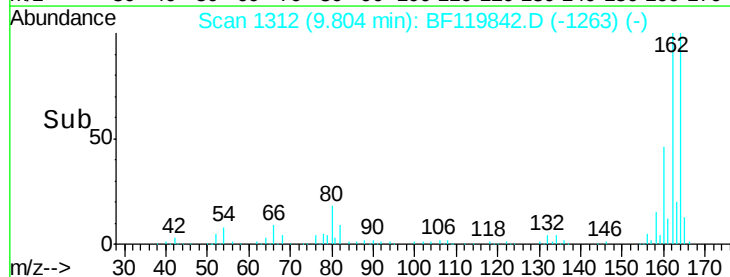
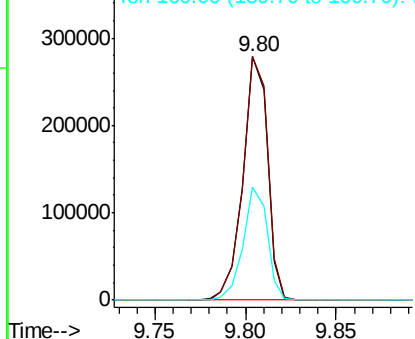


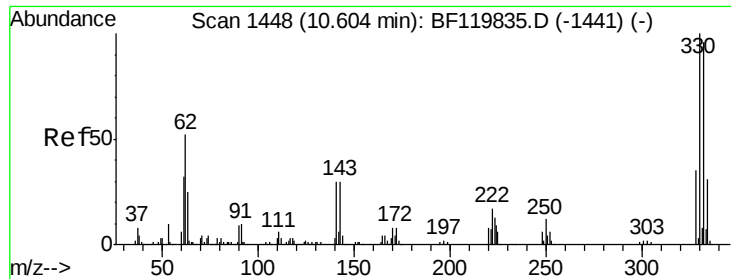
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

Tgt Ion:164 Resp: 262696
Ion Ratio Lower Upper
164 100
162 100.1 81.9 122.9
160 46.4 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

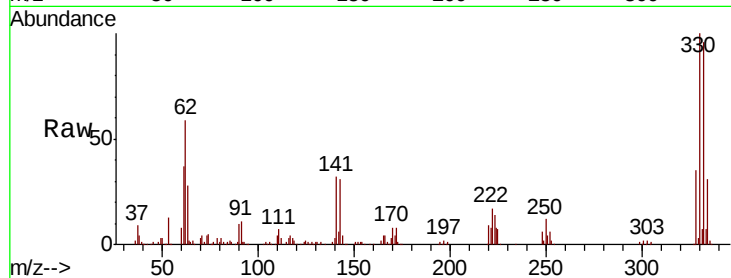




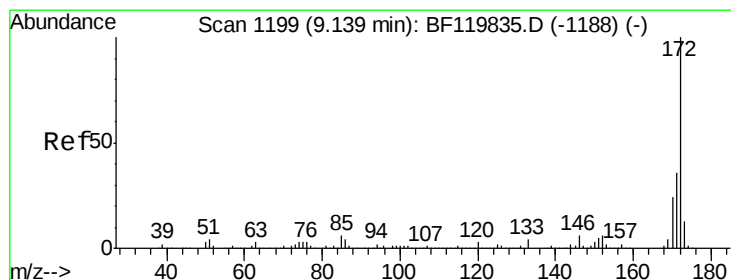
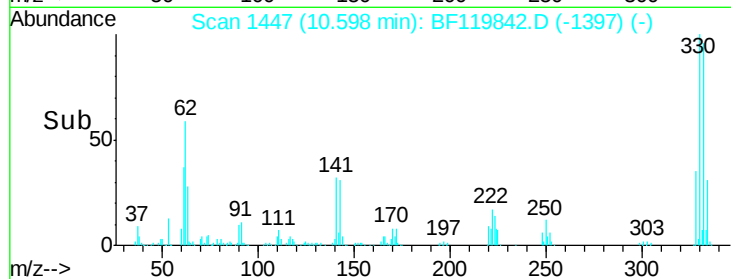
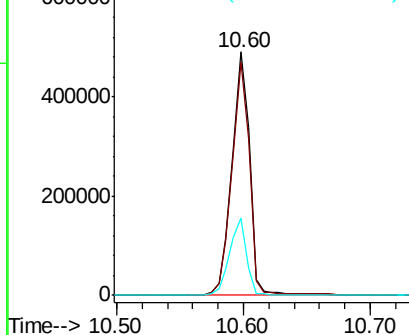
#42
 2,4,6-Tribromophenol
 Concen: 147.502 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119842.D
 Acq: 8 Apr 2020 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BL

Tot Ion:330 Resp: 474410
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 30.6 25.1 37.7

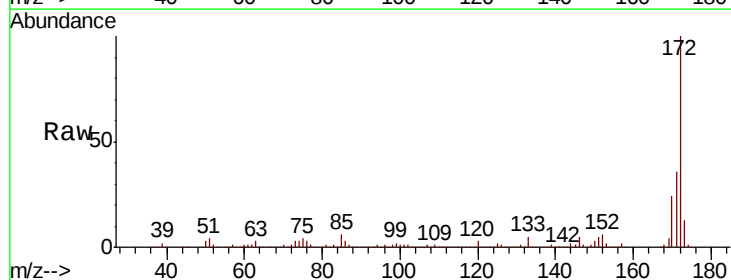


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

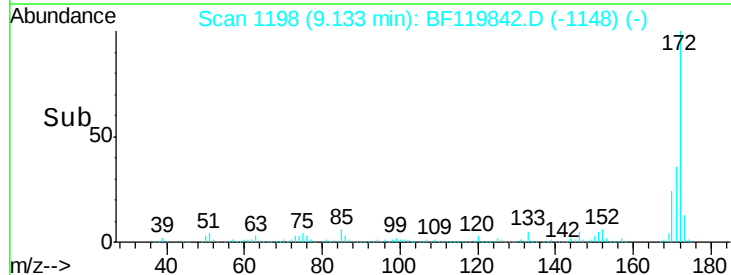
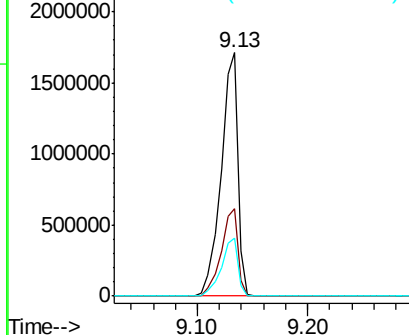


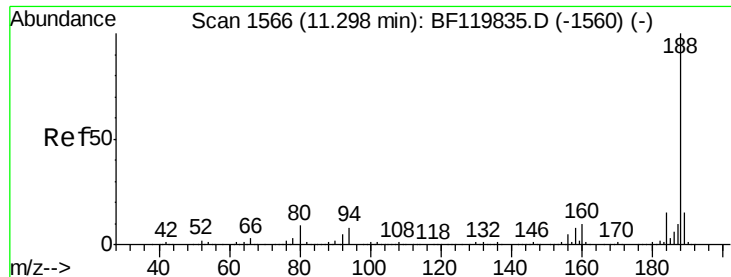
#45
 2-Fluorobiphenyl
 Concen: 97.899 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119842.D
 Acq: 8 Apr 2020 23:50

Tgt Ion:172 Resp: 1811374
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.0 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

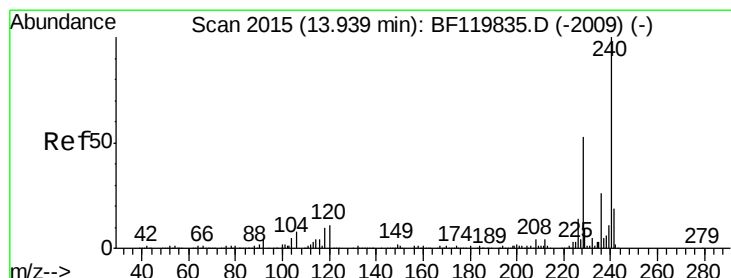
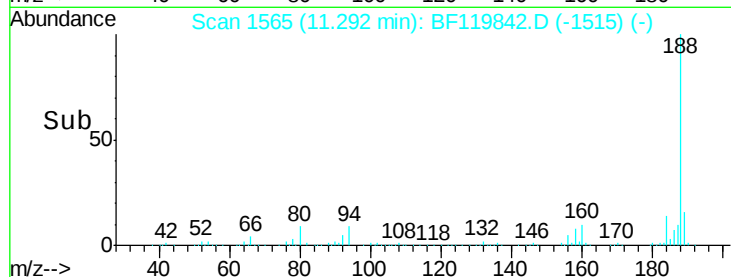
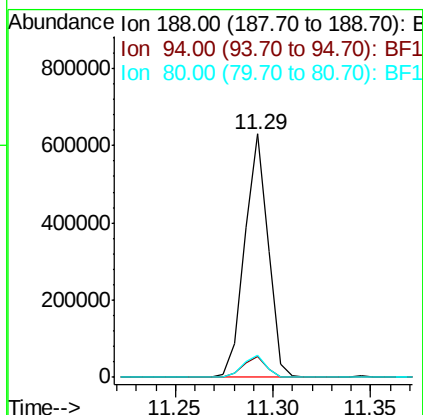
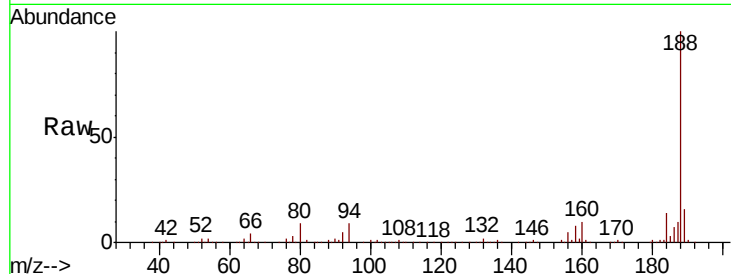




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

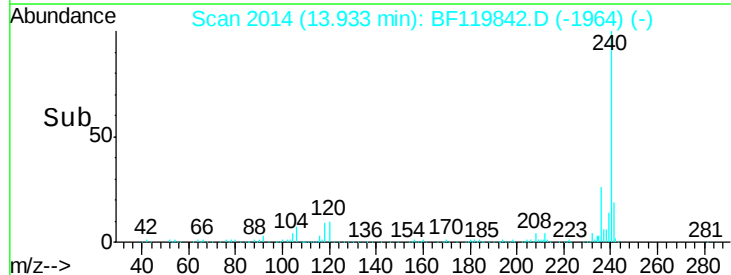
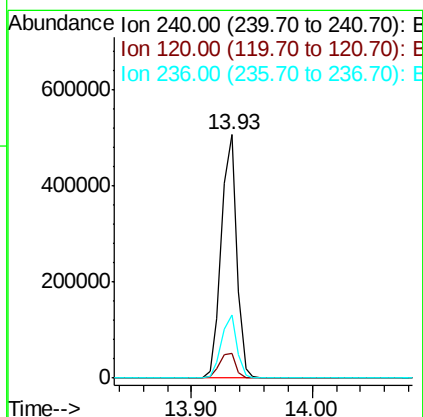
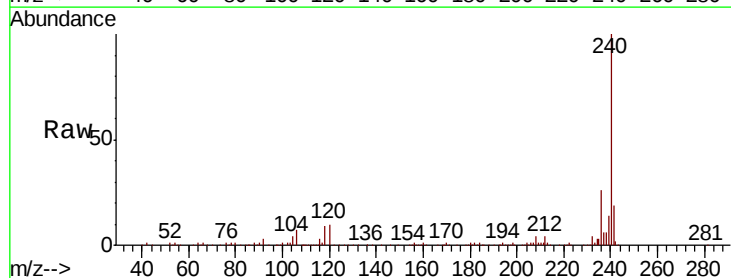
Instrument :
BNA_F
ClientSampleId :
PB128073BL

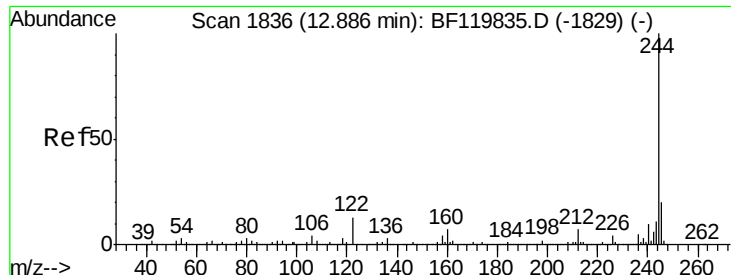
Tot Ion:188 Resp: 524145
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.9 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119842.D
Acq: 8 Apr 2020 23:50

Tgt Ion:240 Resp: 445257
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 26.2 20.7 31.1

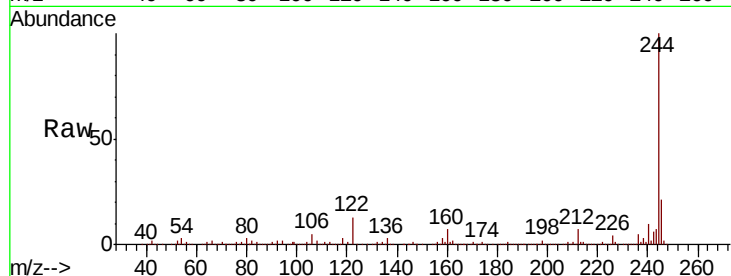




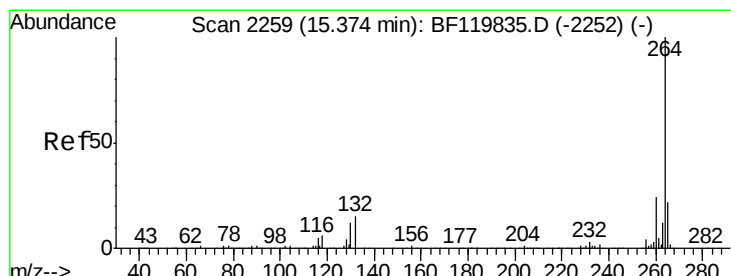
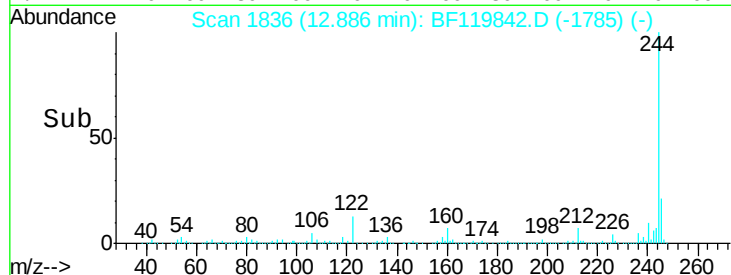
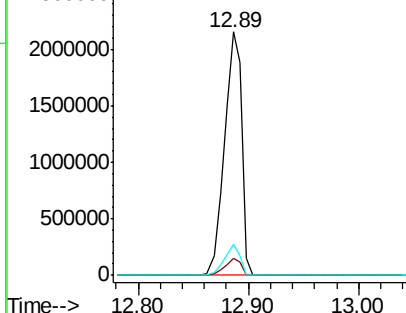
#79
 Terphenyl-d14
 Concen: 88.468 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BF119842.D
 Acq: 8 Apr 2020 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB128073BL

Tot Ion:244 Resp: 2341010
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.0 10.3 15.5

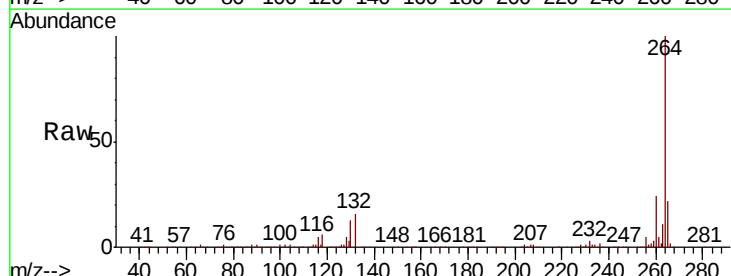


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BF119842.D
 Acq: 8 Apr 2020 23:50

Tgt Ion:264 Resp: 456566
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.9 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

