

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113013.D
 Acq On : 12 Mar 2019 20:05
 Operator : JU/SJ
 Sample : K1687-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-A

Quant Time: Mar 13 04:32:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195327	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	716033	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	332557	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	617179	20.00	ng	0.00
76) Chrysene-d12	13.86	240	536271	20.00	ng	0.00
87) Perylene-d12	15.27	264	460931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	957391	76.24	ng	0.00
7) Phenol-d6	6.37	99	999601	63.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	1042711	87.14	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	444563	125.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1803908	91.81	ng	0.00
79) Terphenyl-d14	12.82	244	1936501	70.00	ng	0.00

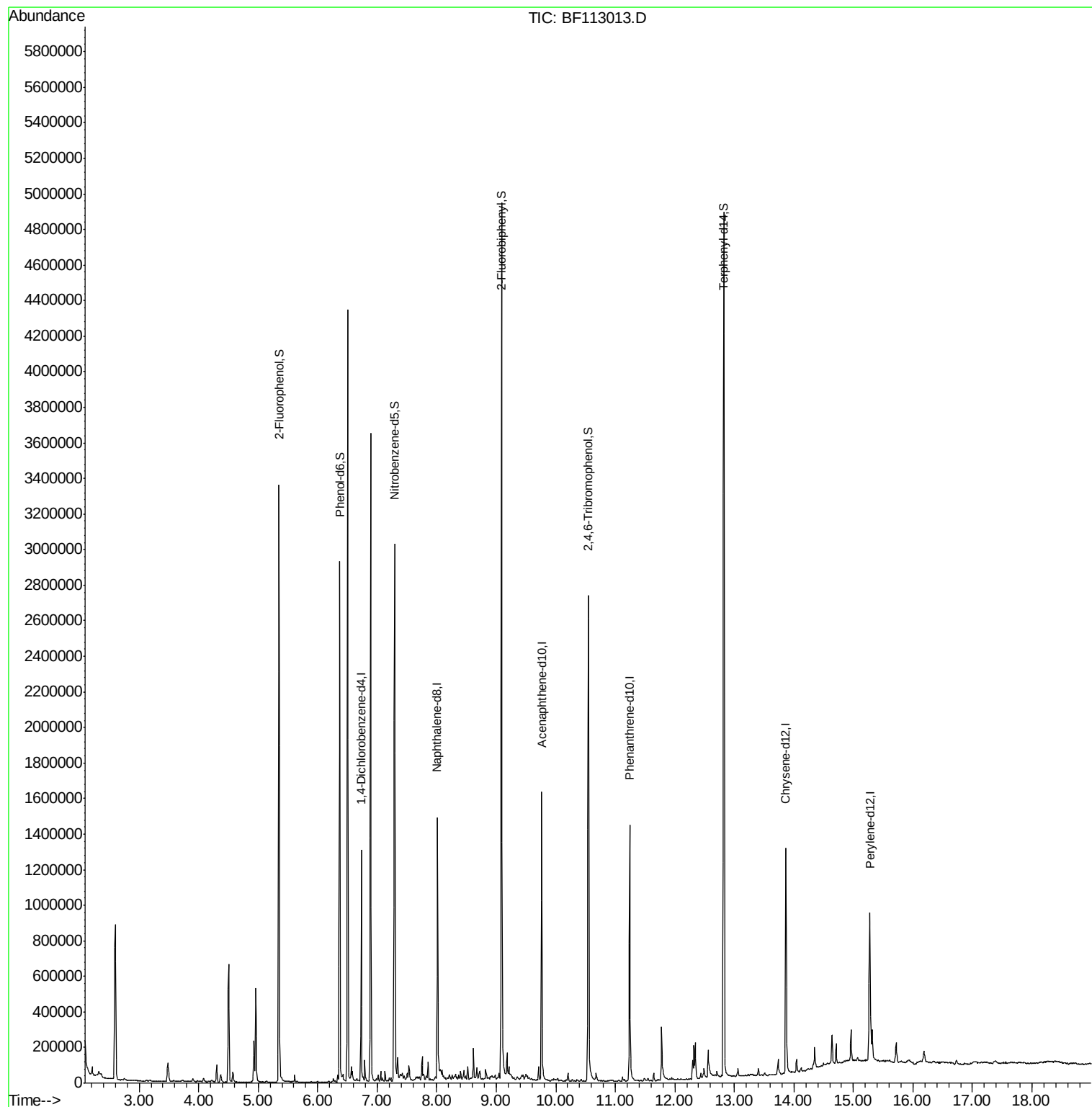
Target Compounds Qvalue

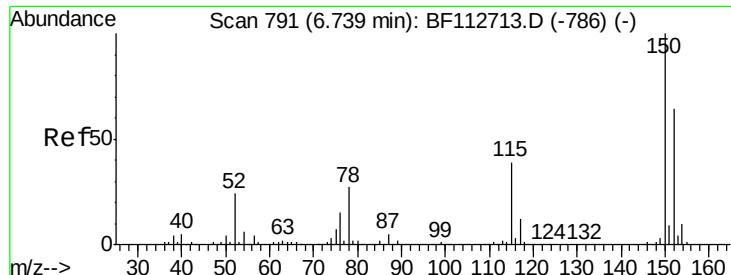
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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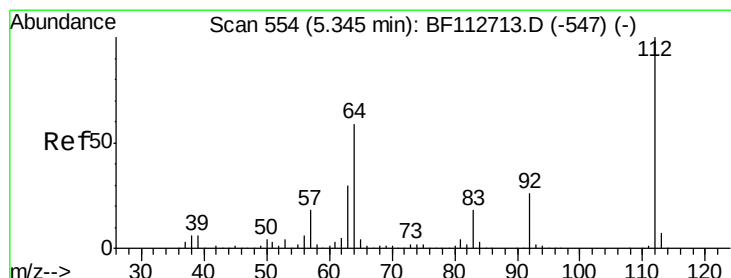
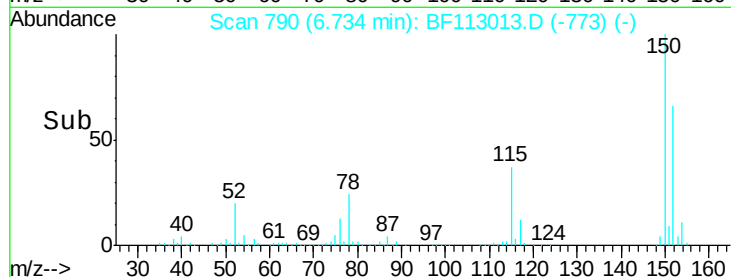
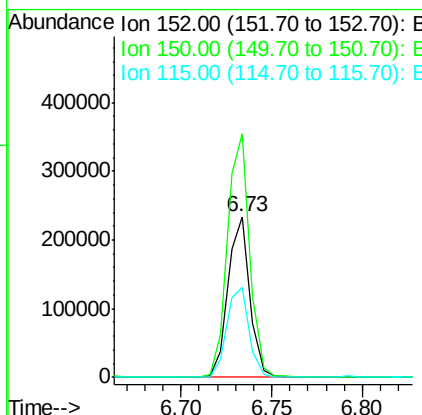
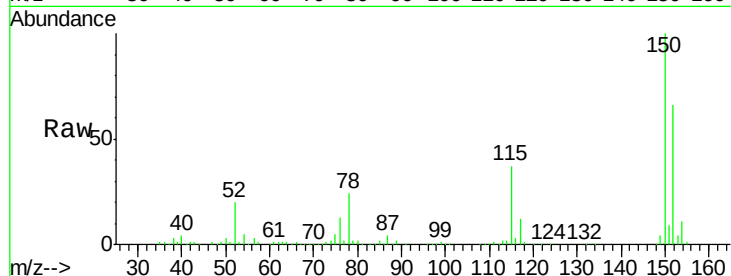


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113013.D
Acq: 12 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

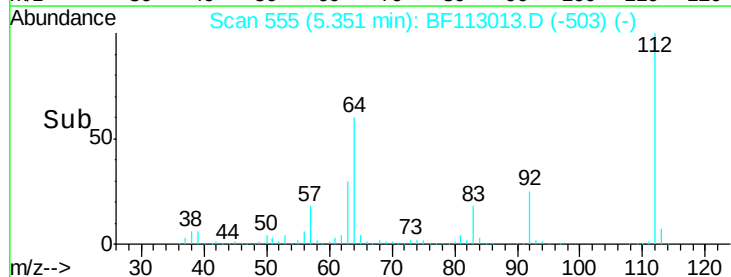
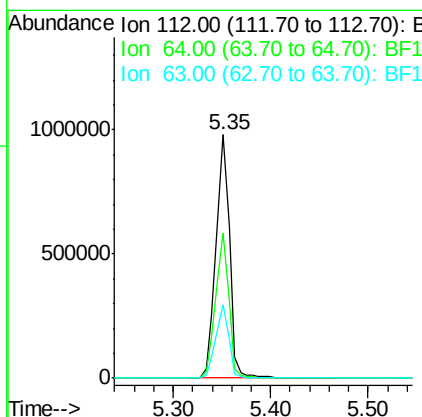
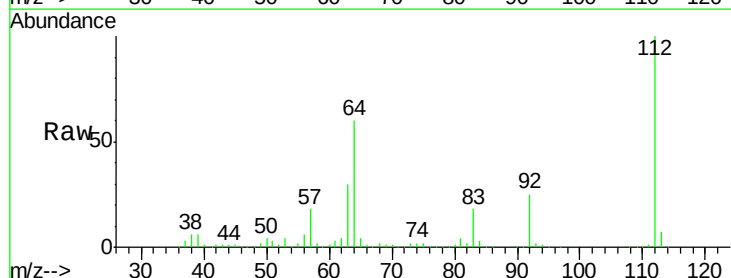
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.2	186.2
115	55.6	48.2	72.4

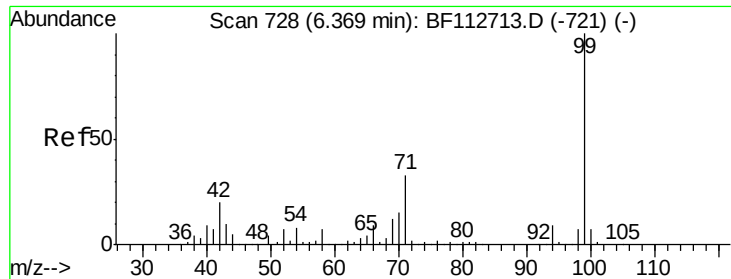


#5

2-Fluorophenol
Concen: 76.245 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113013.D
Acq: 12 Mar 2019 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	30.2	24.4	36.6





#7

Phenol-d6

Concen: 63.372 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

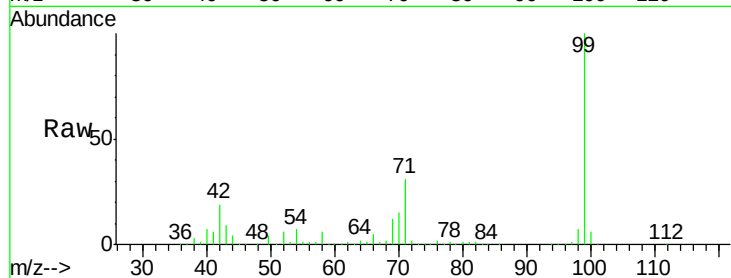
Tot Ion: 99 Resp: 999601

Ion Ratio Lower Upper

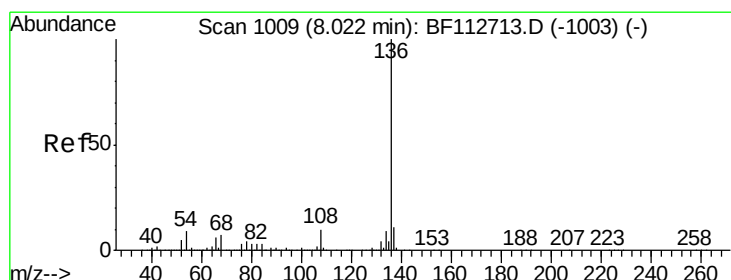
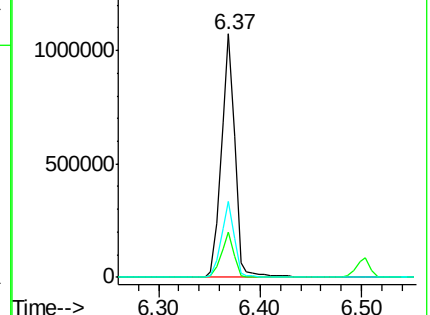
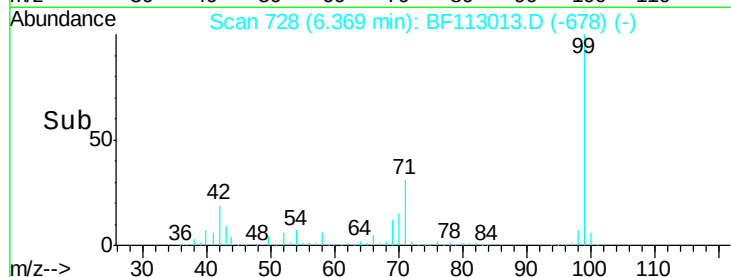
99 100

42 18.6 16.3 24.5

71 31.4 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

Tgt Ion: 136 Resp: 716033

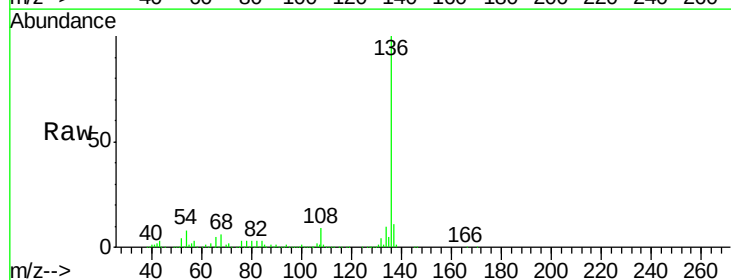
Ion Ratio Lower Upper

136 100

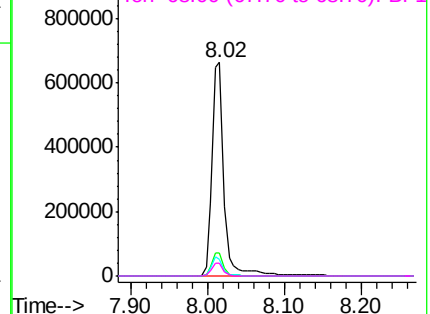
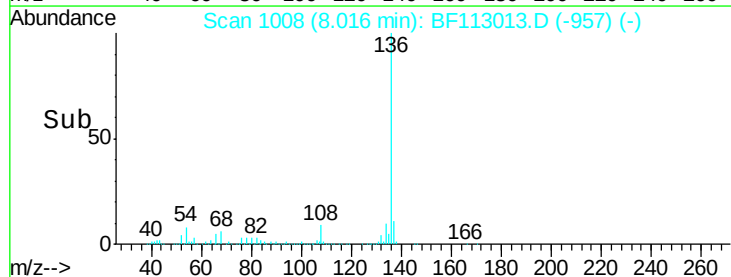
137 10.9 8.9 13.3

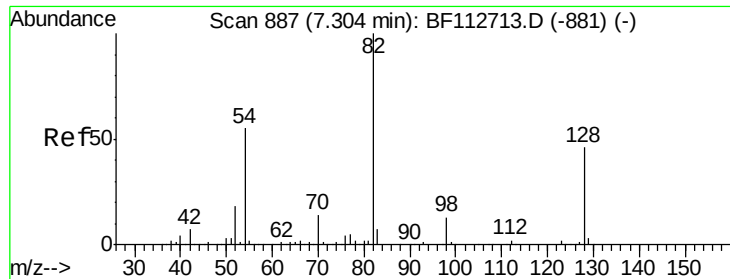
54 7.8 7.3 10.9

68 5.9 5.4 8.2



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

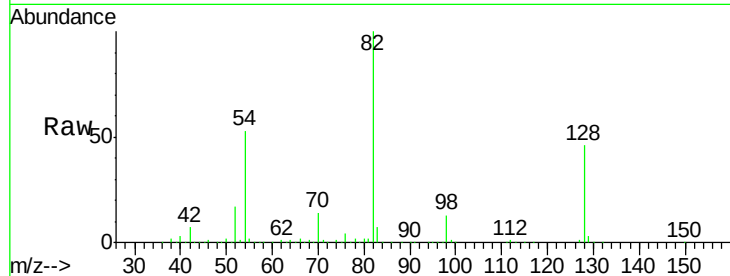




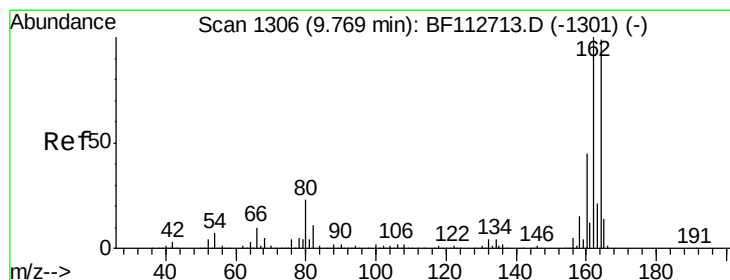
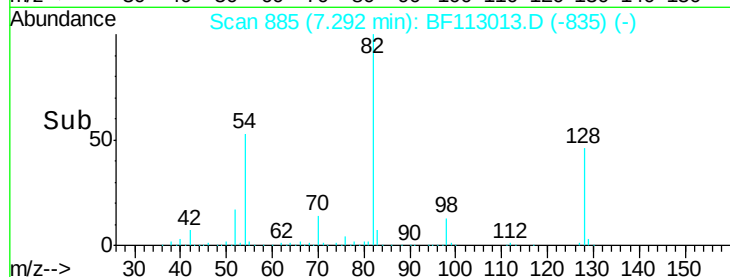
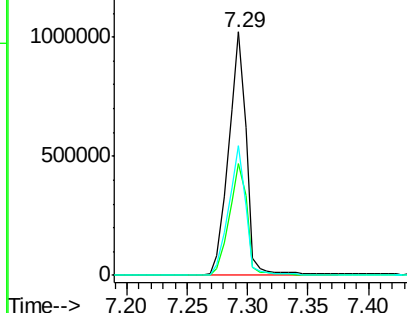
#23
 Nitrobenzene-d5
 Concen: 87.138 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113013.D
 Acq: 12 Mar 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-A

Tot Ion: 82 Resp: 1042711
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.3 54.5
 54 53.4 43.7 65.5

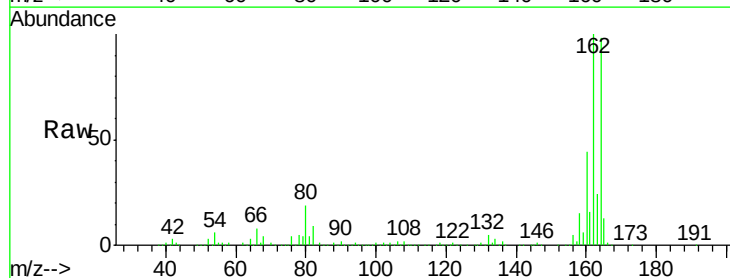


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

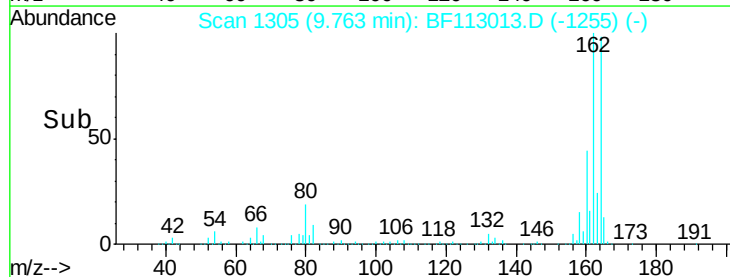
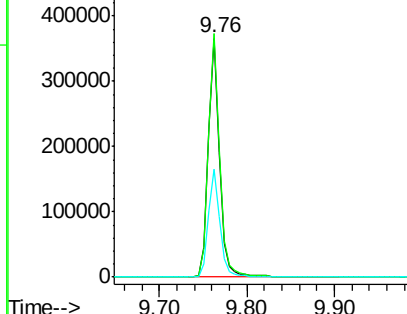


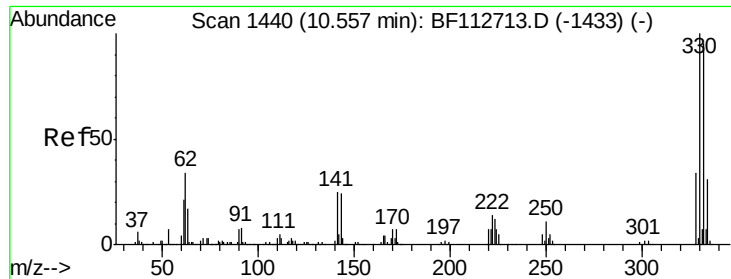
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113013.D
 Acq: 12 Mar 2019 20:05

Tgt Ion:164 Resp: 332557
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 45.0 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 125.920 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

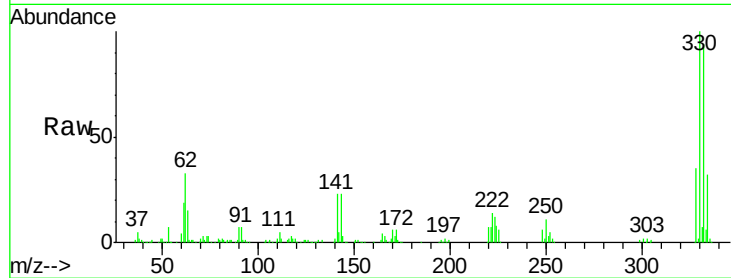
Tot Ion:330 Resp: 444563

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

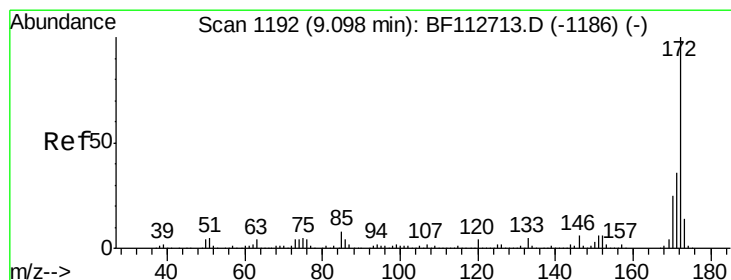
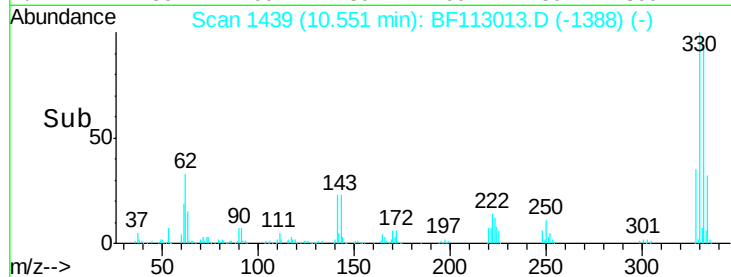
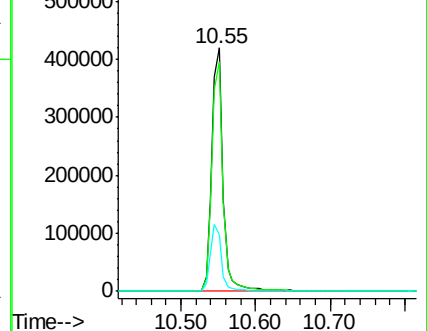
141 28.1 27.0 40.6



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: 91.813 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

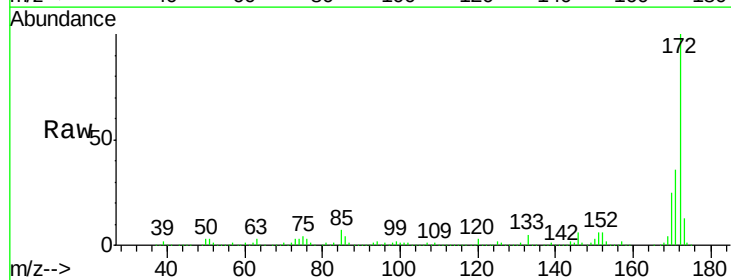
Tgt Ion:172 Resp: 1803908

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

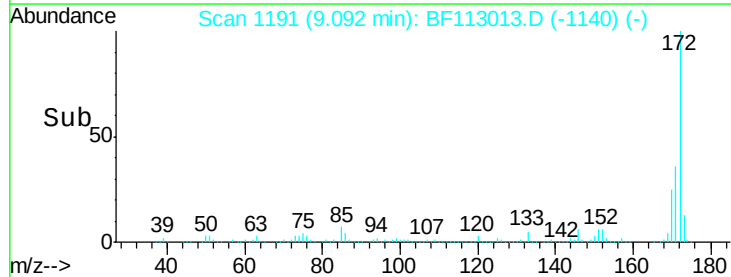
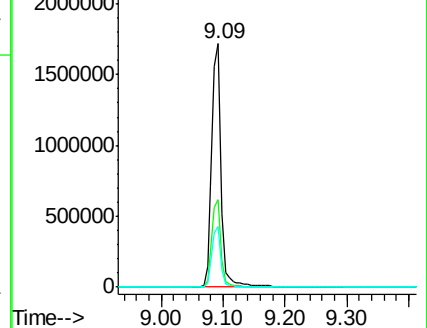
170 24.6 20.0 30.0

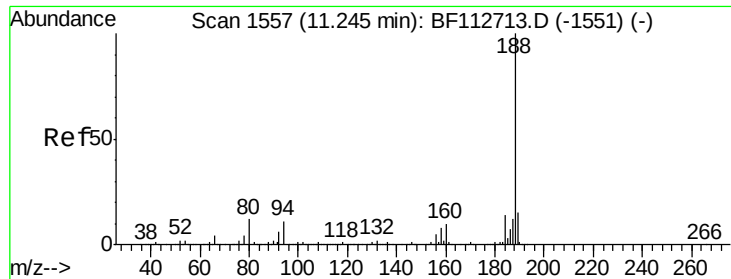


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

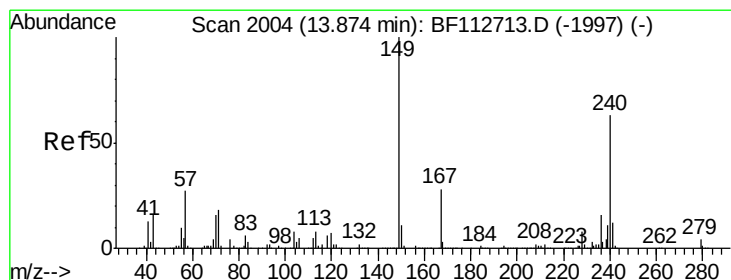
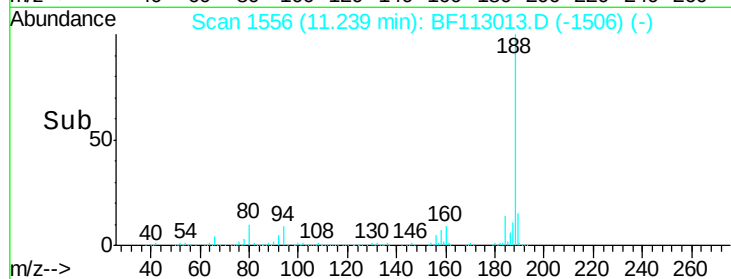
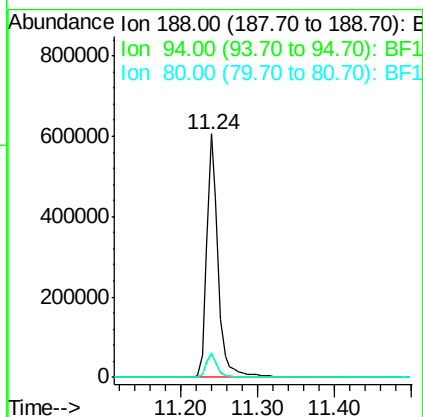
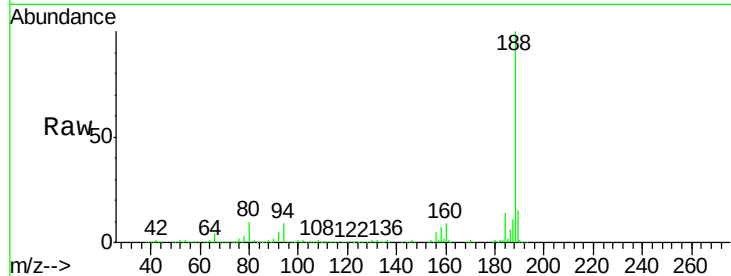




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113013.D
Acq: 12 Mar 2019 20:05

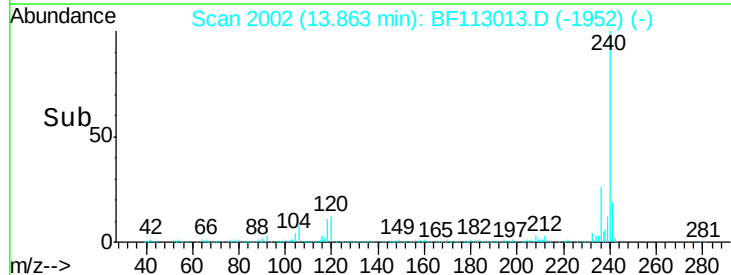
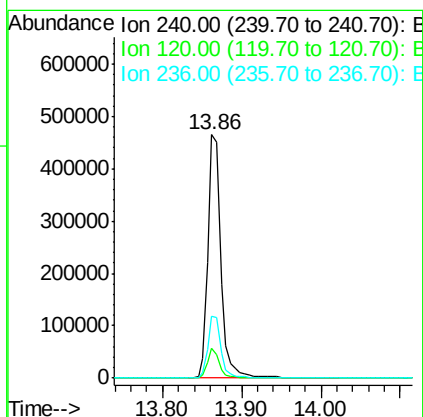
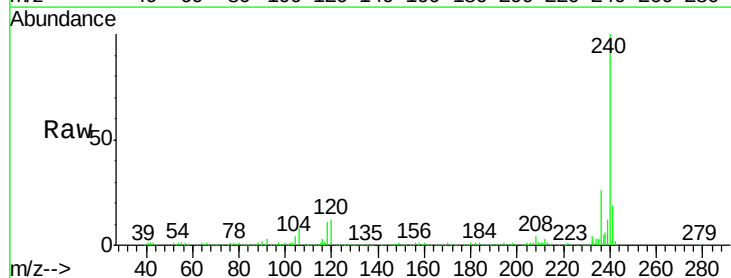
Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

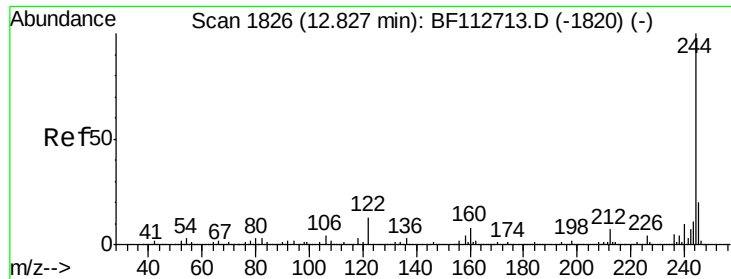
Tot Ion:188 Resp: 617179
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 10.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113013.D
Acq: 12 Mar 2019 20:05

Tgt Ion:240 Resp: 536271
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 70.000 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

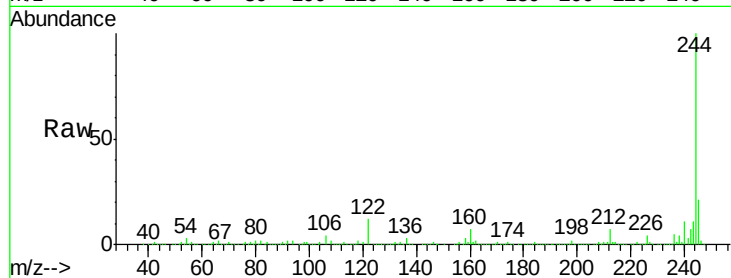
Tot Ion:244 Resp: 1936501

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

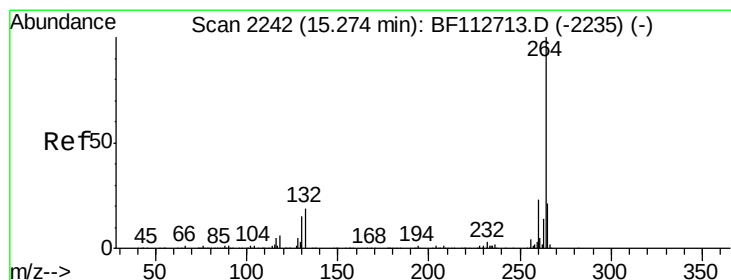
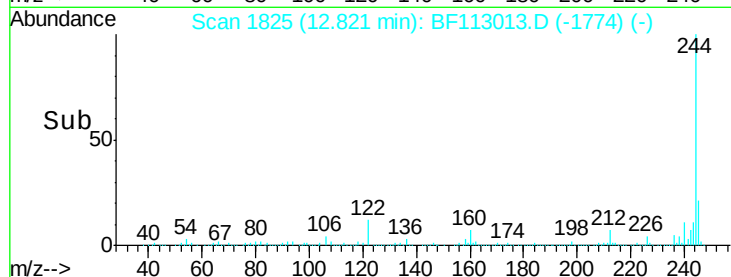
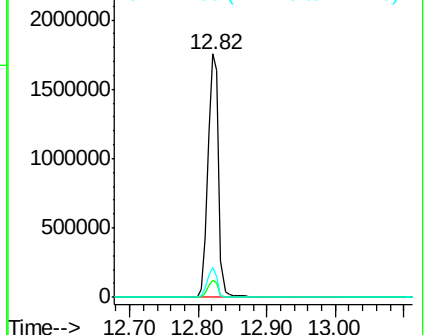
122 12.4 10.5 15.7



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113013.D

Acq: 12 Mar 2019 20:05

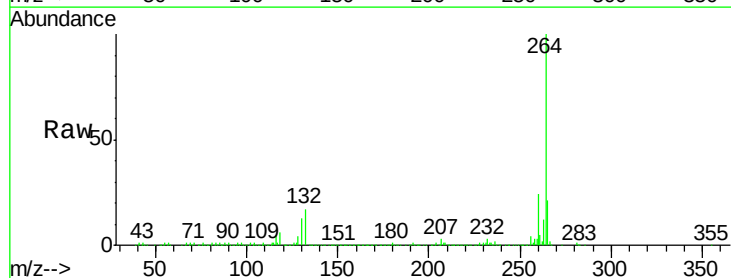
Tgt Ion:264 Resp: 460931

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 20.7 17.2 25.8



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

