

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113011.D
 Acq On : 12 Mar 2019 19:07
 Operator : JU/SJ
 Sample : K1846-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 13 04:29:57 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

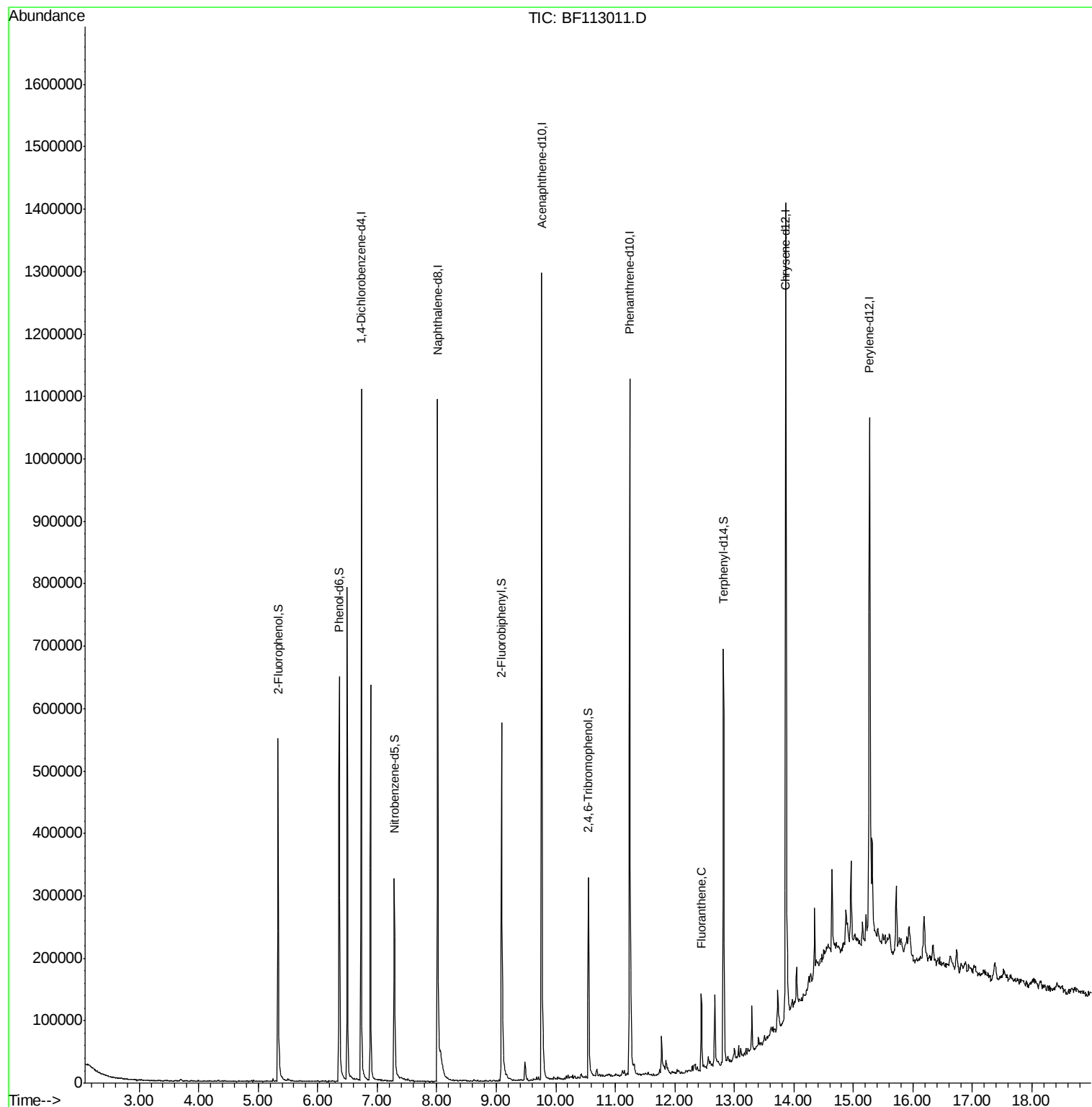
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182713	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	683930	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	292218	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	507156	20.00	ng	0.00
76) Chrysene-d12	13.86	240	530009	20.00	ng	0.00
87) Perylene-d12	15.27	264	447202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	185531	15.80	ng	-0.01
7) Phenol-d6	6.36	99	245172	16.62	ng	-0.01
23) Nitrobenzene-d5	7.29	82	130929	11.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	57782	18.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	272986	11.45	ng	0.00
79) Terphenyl-d14	12.82	244	254368	9.30	ng	0.00
Target Compounds						
75) Fluoranthene	12.44	202	55668	2.059	ng	Qvalue 99

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

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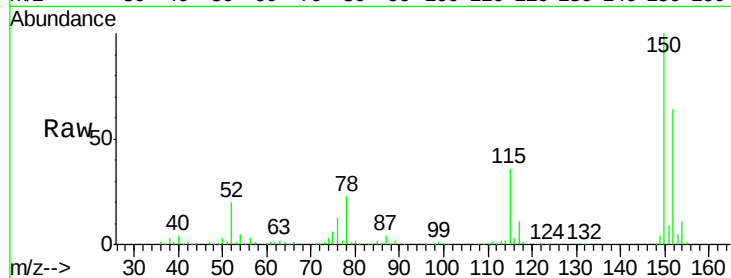


#1

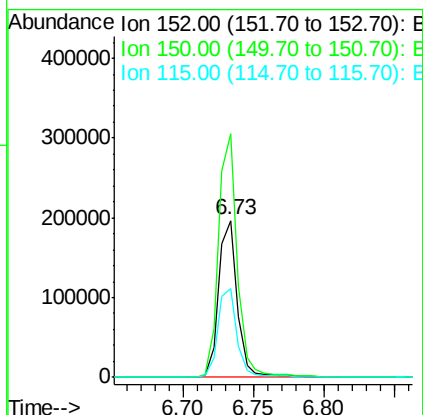
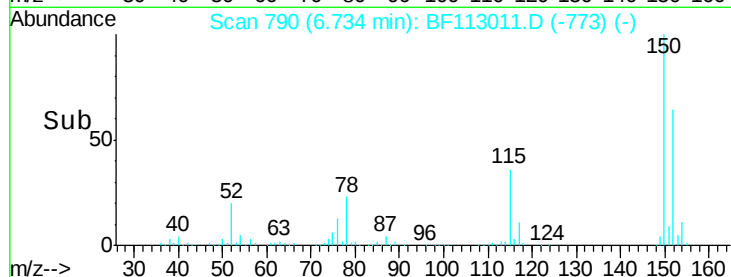
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113011.D
Acq: 12 Mar 2019 19:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 182713
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 56.3 48.2 72.4



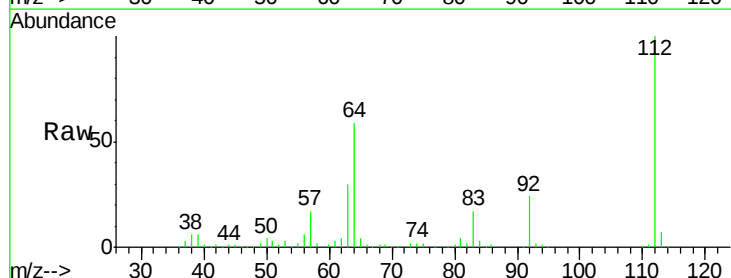
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



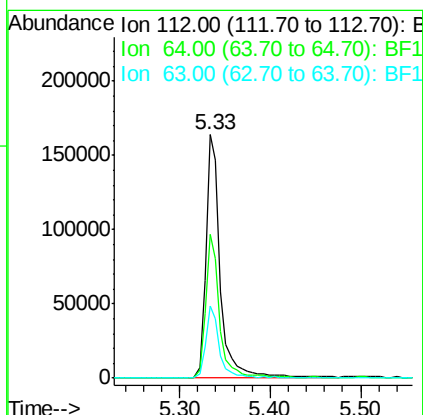
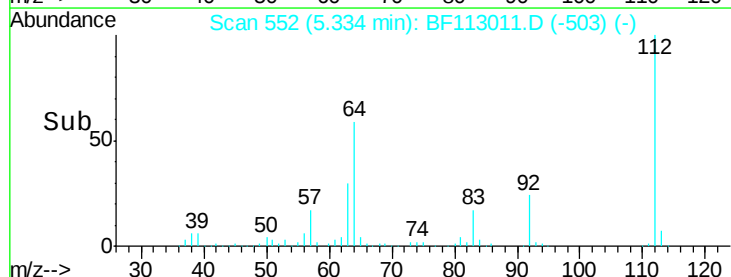
#5

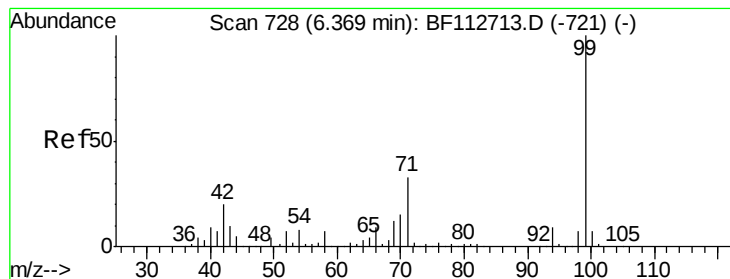
2-Fluorophenol
Concen: 15.795 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113011.D
Acq: 12 Mar 2019 19:07

Tgt Ion:112 Resp: 185531
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 29.7 24.4 36.6



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: 16.616 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113011.D

Acq: 12 Mar 2019 19:07

Instrument :

BNA_F

ClientSampleId :

TP-2

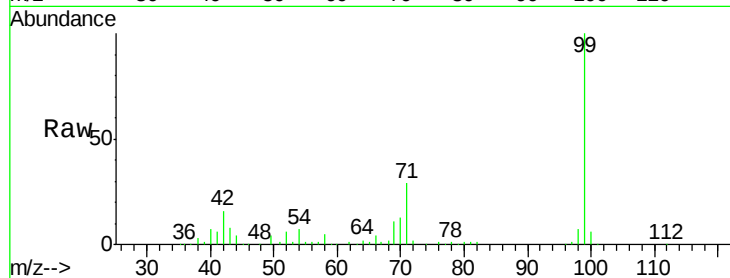
Tot Ion: 99 Resp: 245172

Ion Ratio Lower Upper

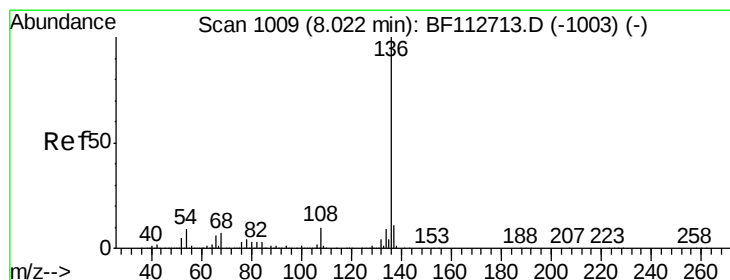
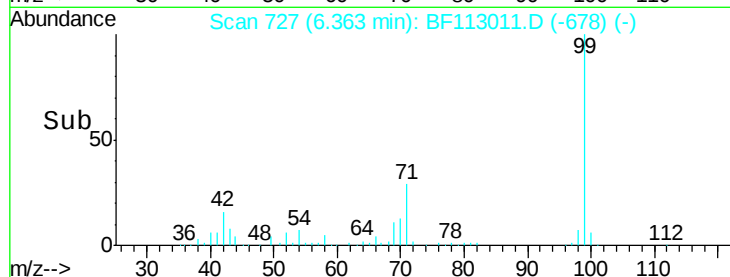
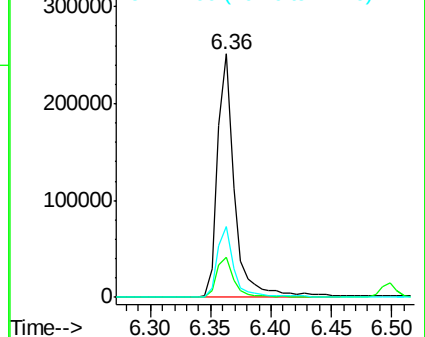
99 100

42 16.5 16.3 24.5

71 29.1 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: BF113011.D

Acq: 12 Mar 2019 19:07

Tgt Ion: 136 Resp: 683930

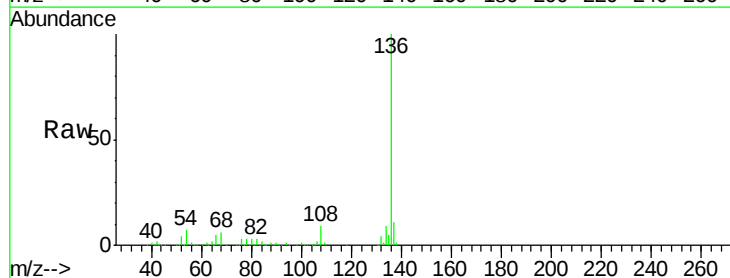
Ion Ratio Lower Upper

136 100

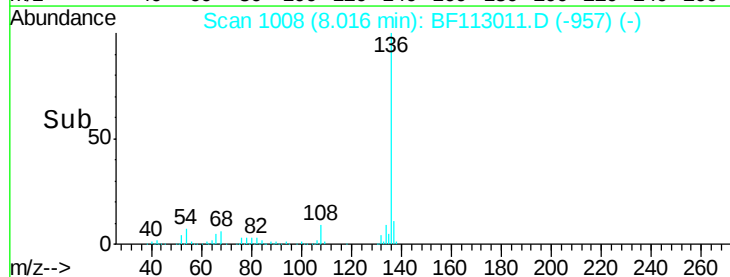
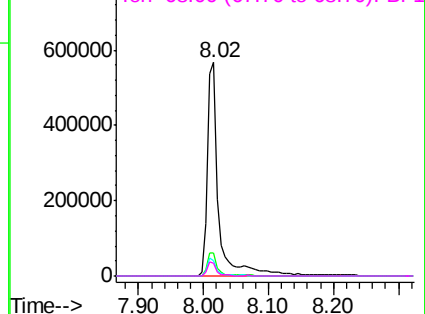
137 10.9 8.9 13.3

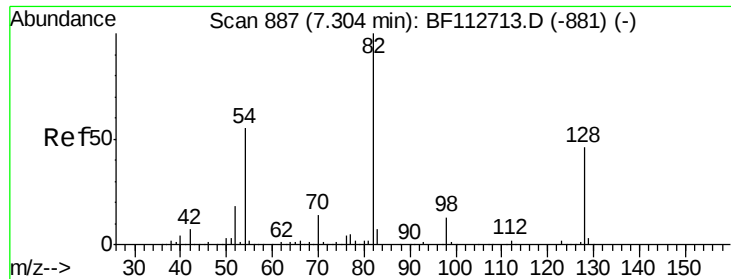
54 7.3 7.3 10.9

68 5.8 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

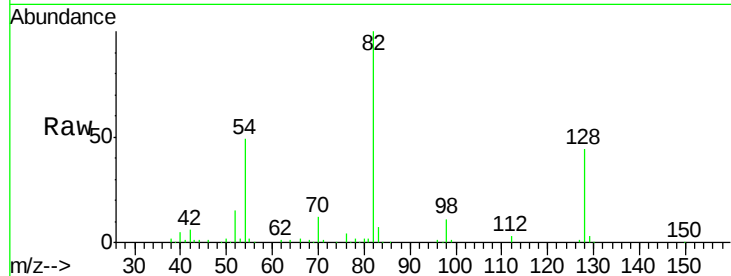




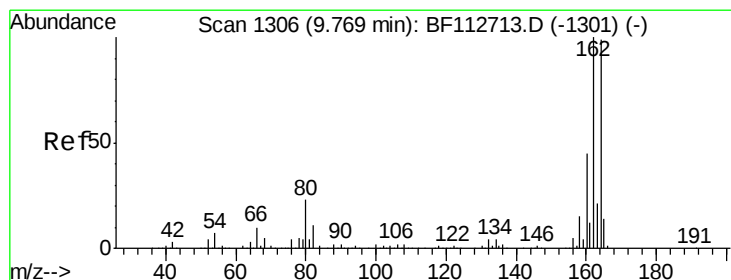
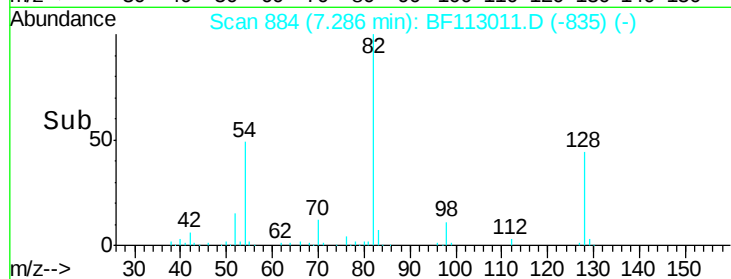
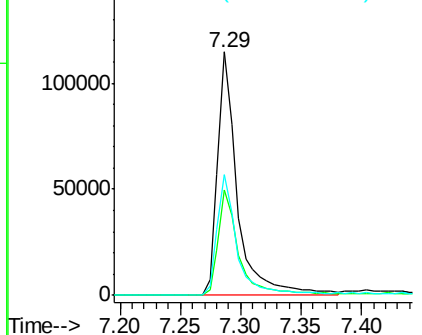
#23
Nitrobenzene-d5
Concen: 11.455 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113011.D
Acq: 12 Mar 2019 19:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	82	Resp	130929
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.3	54.5
54	49.5	43.7	65.5

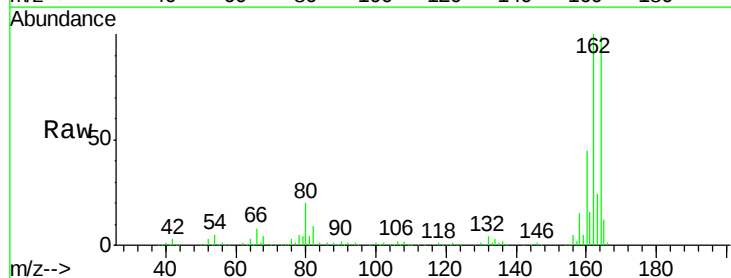


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

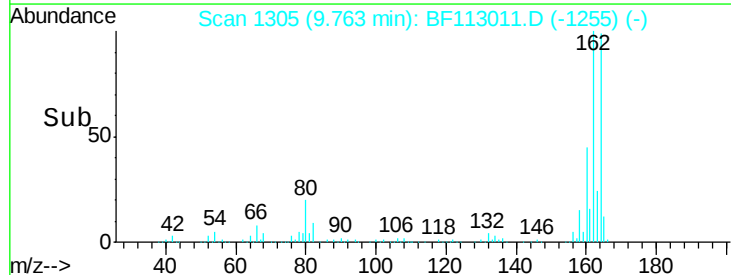
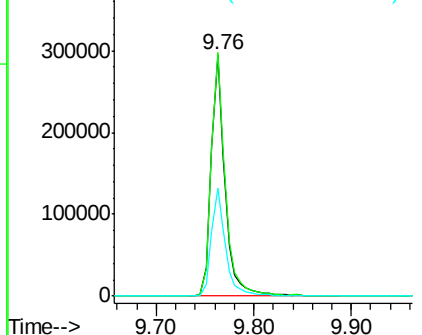


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113011.D
Acq: 12 Mar 2019 19:07

Tgt Ion	164	Resp	292218
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	44.9	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

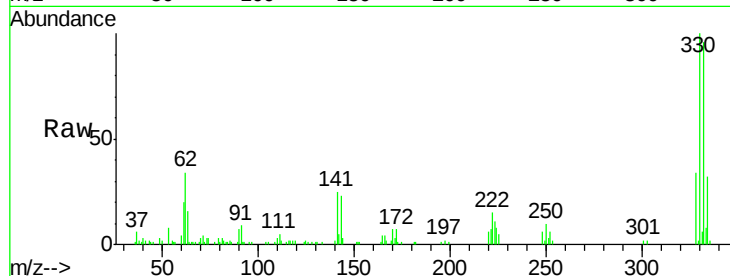




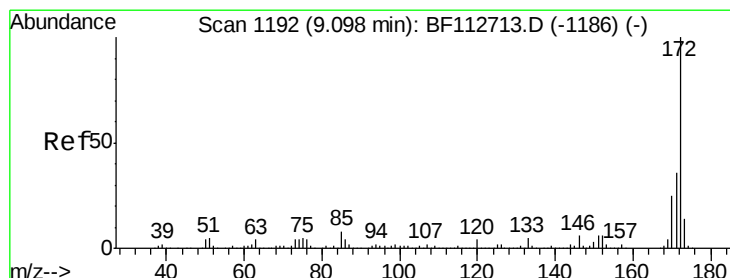
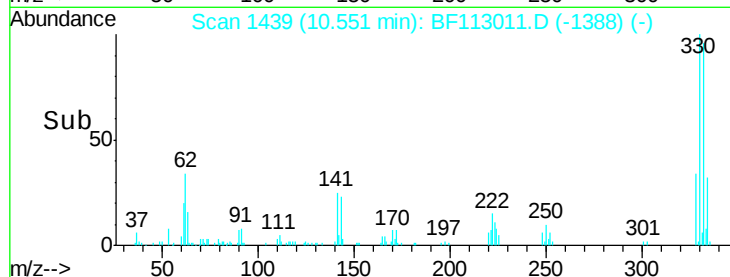
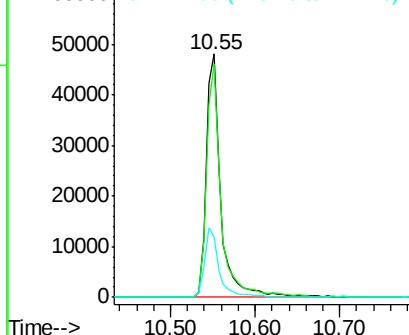
#42
 2,4,6-Tribromophenol
 Concen: 18.626 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113011.D
 Acq: 12 Mar 2019 19:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 57782
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 28.1 27.0 40.6

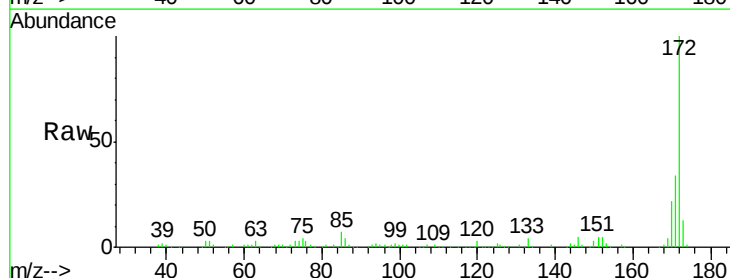


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

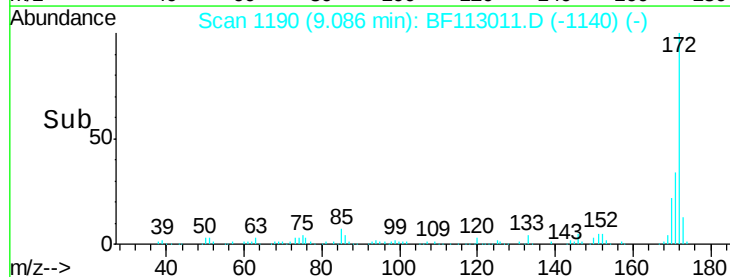
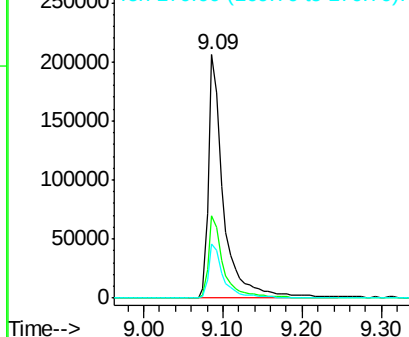


#45
 2-Fluorobiphenyl
 Concen: 11.449 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113011.D
 Acq: 12 Mar 2019 19:07

Tgt Ion:172 Resp: 272986
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.0 43.4
 170 22.2 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: BF113011.D

Acq: 12 Mar 2019 19:07

Instrument :

BNA_F

ClientSampleId :

TP-2

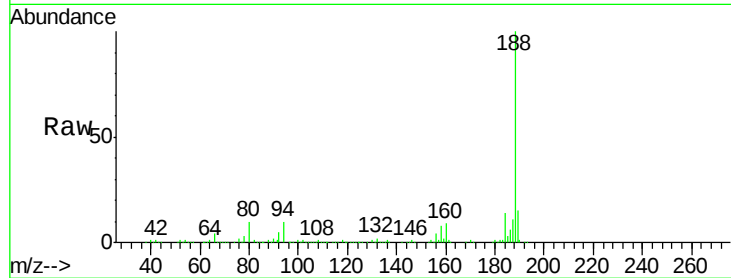
Tot Ion:188 Resp: 507156

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

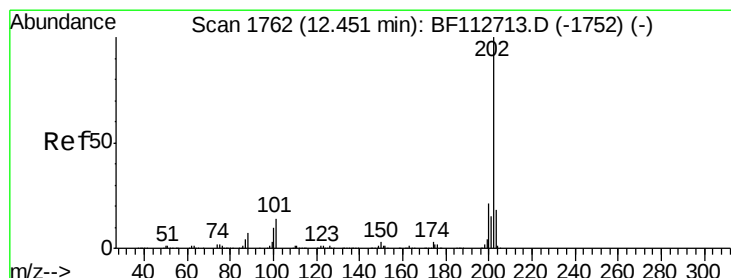
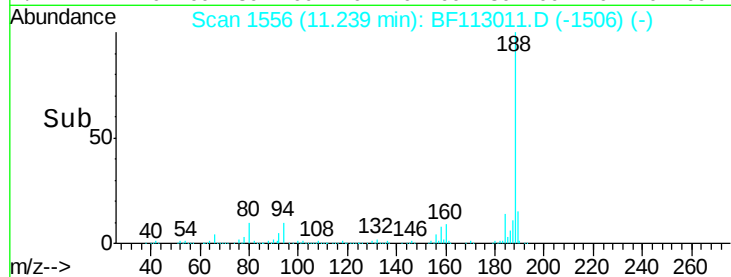
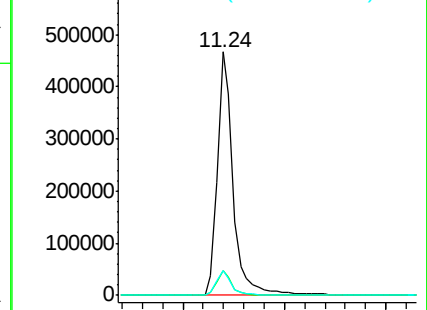
80 10.3 9.2 13.8



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



#75

Fluoranthene

Concen: 2.059 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113011.D

Acq: 12 Mar 2019 19:07

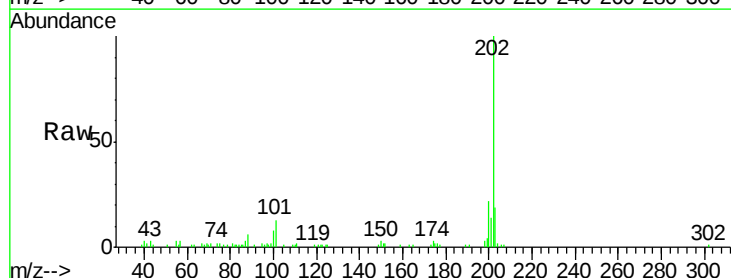
Tgt Ion:202 Resp: 55668

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.8

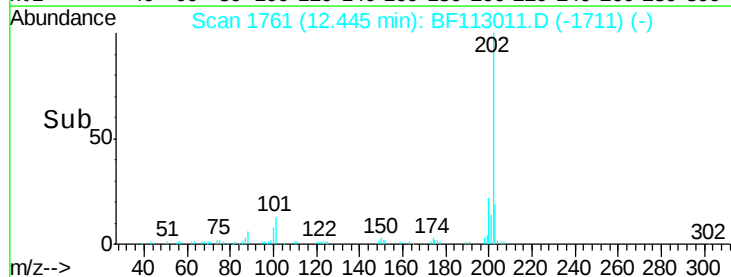
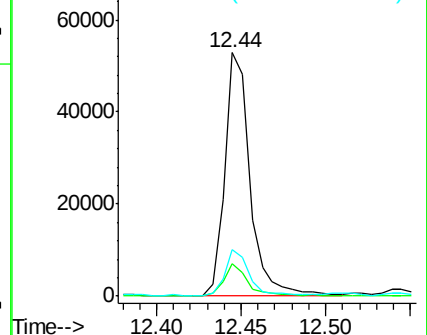
203 19.0 0.0 38.4

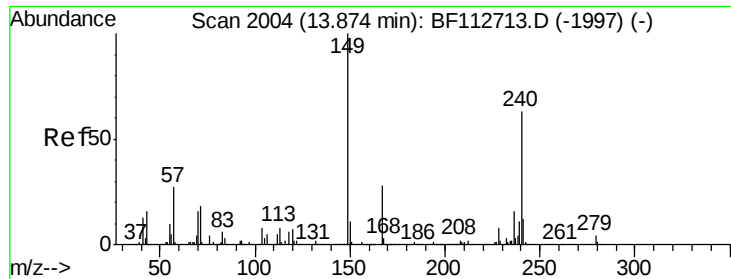


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

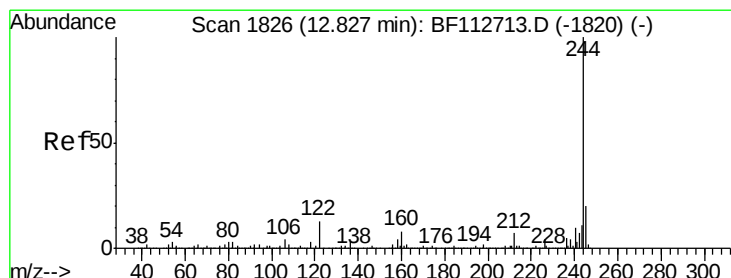
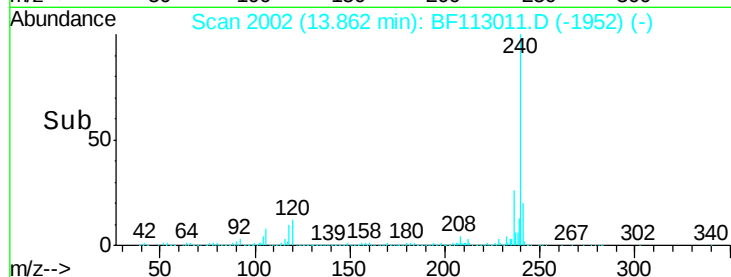
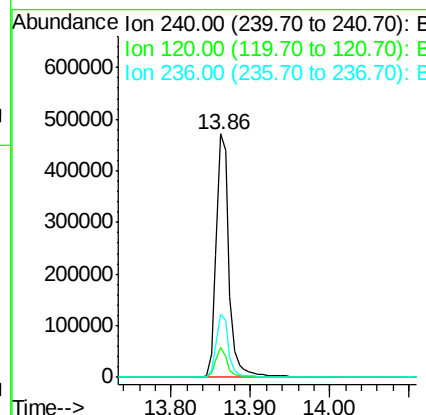
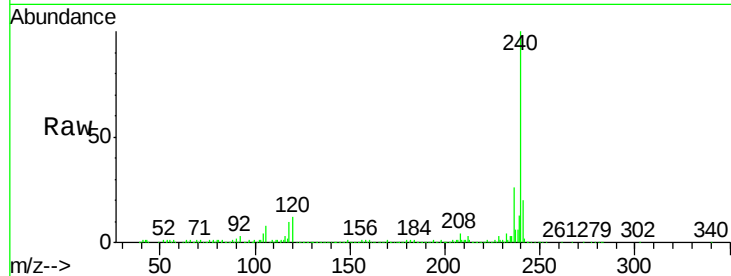




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113011.D
 Acq: 12 Mar 2019 19:07

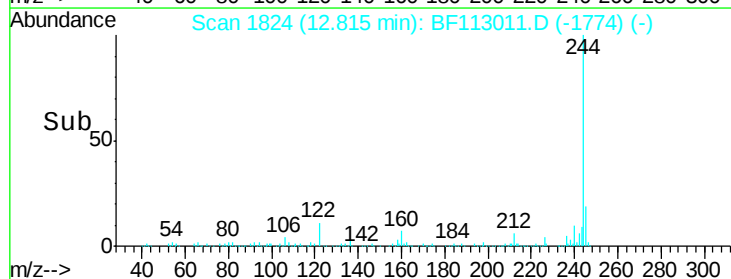
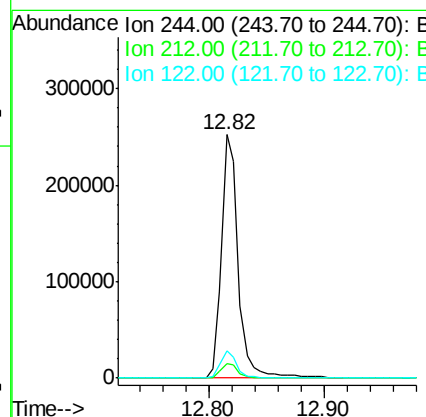
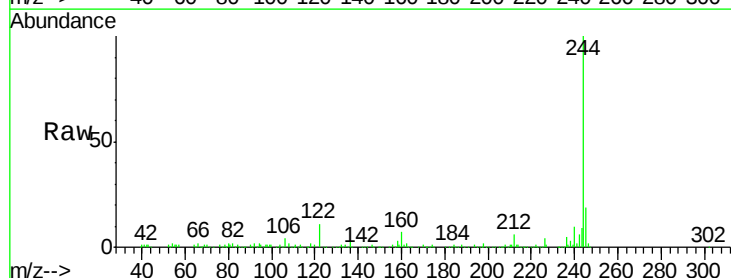
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

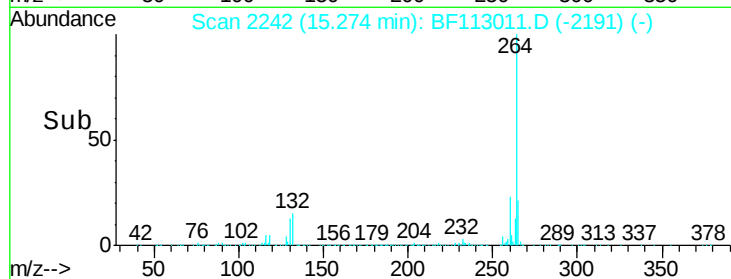
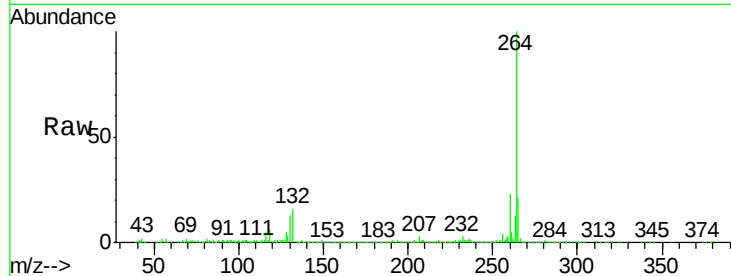
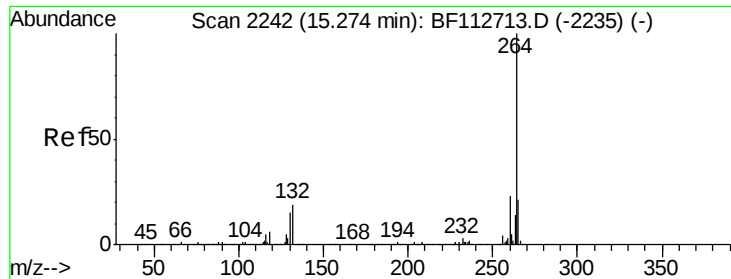
Tot Ion:240 Resp: 530009
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.9 13.3
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 9.303 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113011.D
 Acq: 12 Mar 2019 19:07

Tgt Ion:244 Resp: 254368
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 11.4 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113011.D
Acq: 12 Mar 2019 19:07

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:264 Resp: 447202

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	17.2	25.8

