

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112896.D
 Acq On : 6 Mar 2019 21:56
 Operator : JU/SJ
 Sample : K1753-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Quant Time: Mar 07 04:44:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

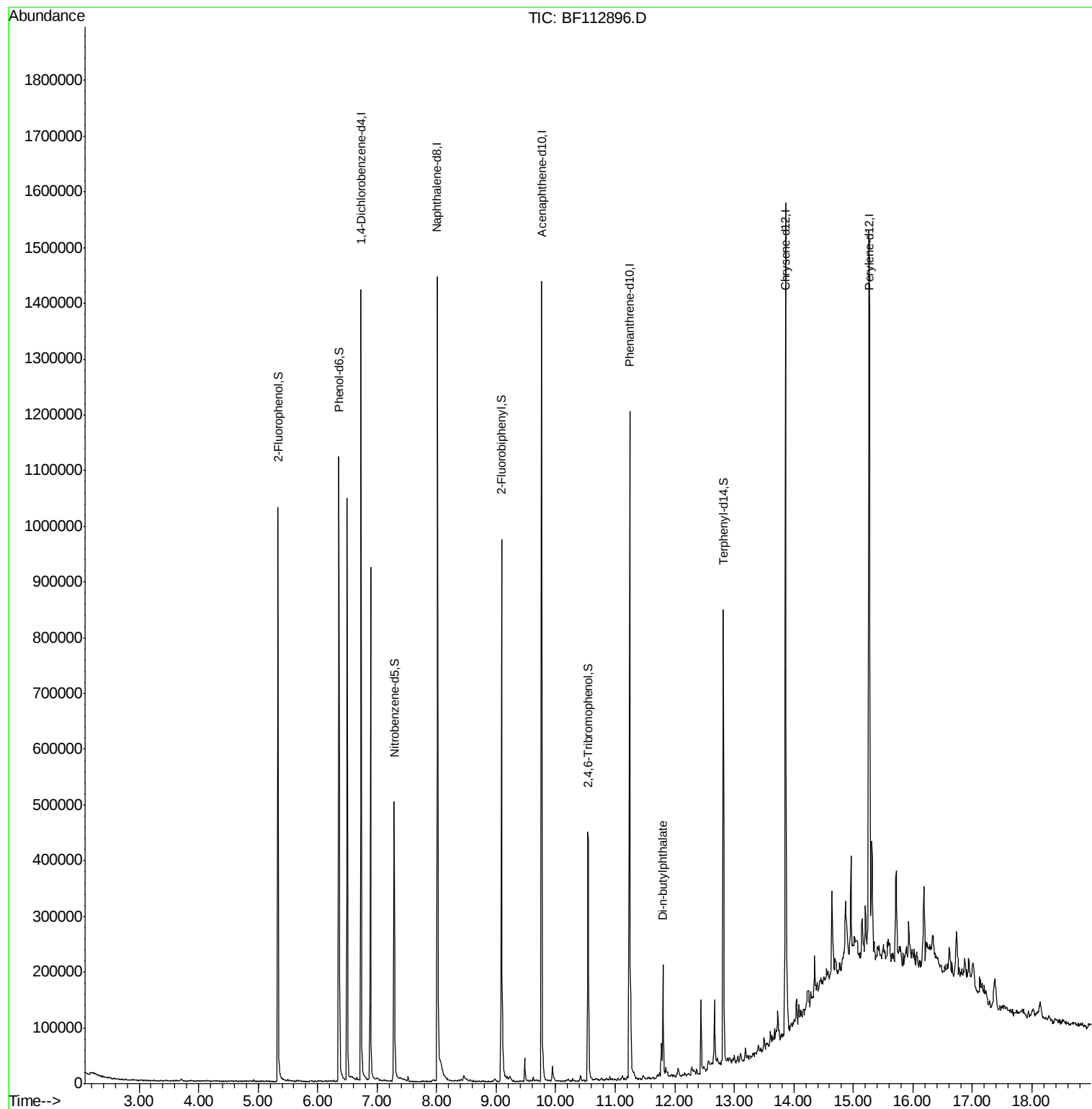
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	224971	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	787846	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	335171	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	570903	20.00	ng	0.00
76) Chrysene-d12	13.86	240	550679	20.00	ng	-0.02
87) Perylene-d12	15.26	264	633215	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	290262	20.07	ng	-0.01
7) Phenol-d6	6.36	99	372023	20.48	ng	-0.01
23) Nitrobenzene-d5	7.29	82	182867	13.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	71900	20.21	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	367898	13.81	ng	-0.01
79) Terphenyl-d14	12.82	244	291160	10.25	ng	-0.01
Target Compounds						
74) Di-n-butylphthalate	11.80	149	92969	2.673	ng	Qvalue 99

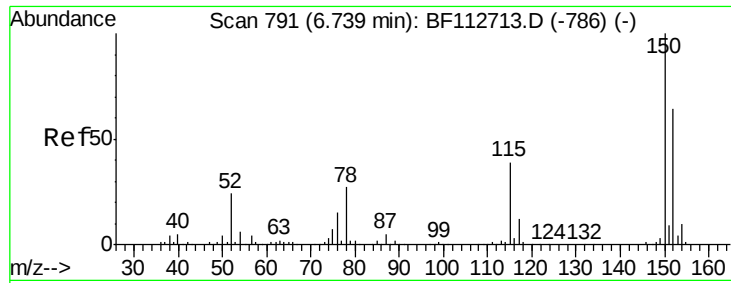
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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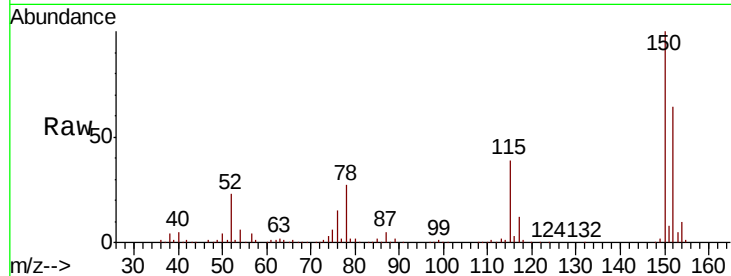


#1

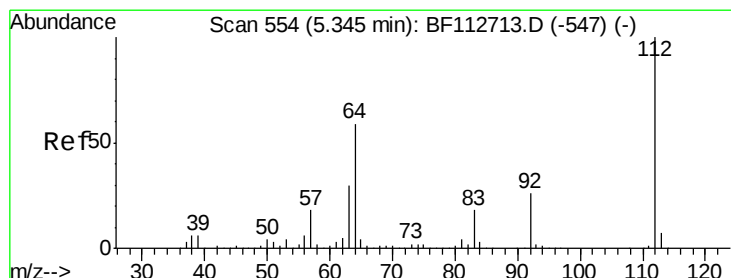
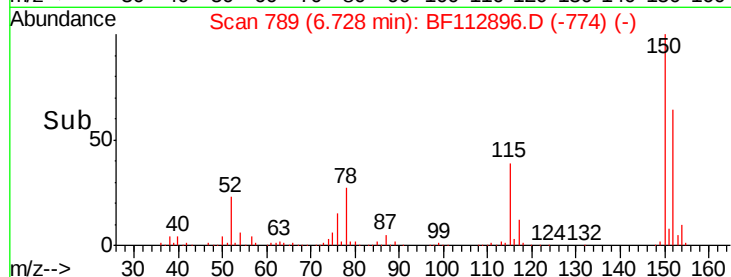
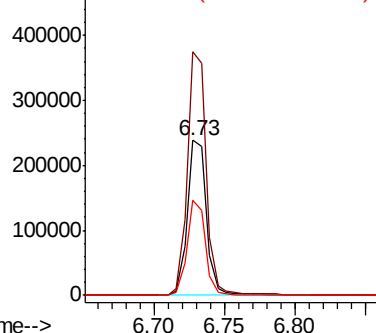
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Tot Ion:152 Resp: 224971
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 61.6 48.2 72.4



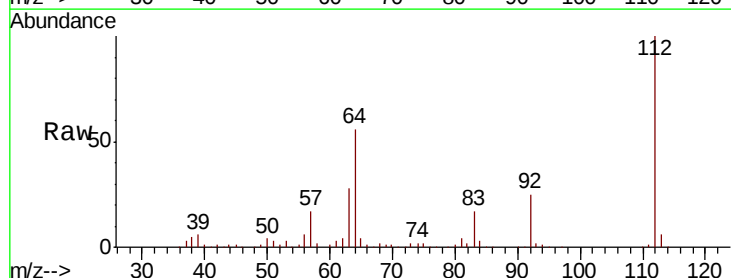
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



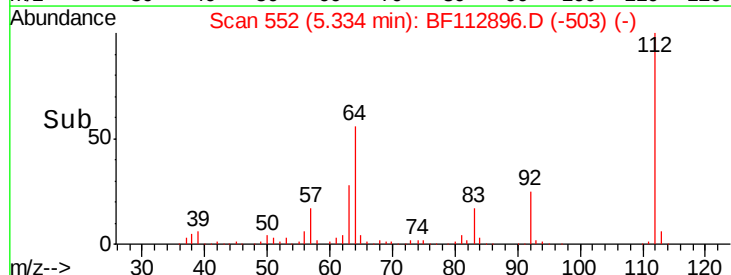
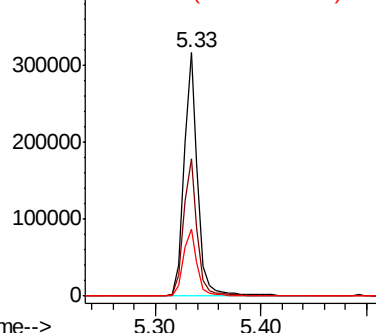
#5

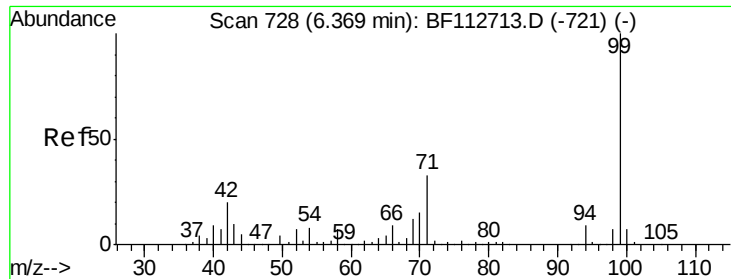
2-Fluorophenol
 Concen: 20.070 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

Tgt Ion:112 Resp: 290262
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.6 71.4
 63 27.7 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: 20.478 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampled :

Z-2-6

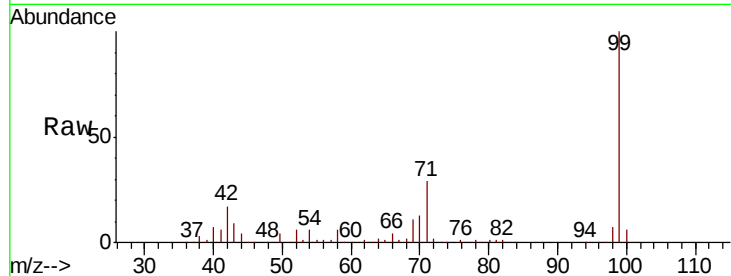
Tot Ion: 99 Resp: 372023

Ion Ratio Lower Upper

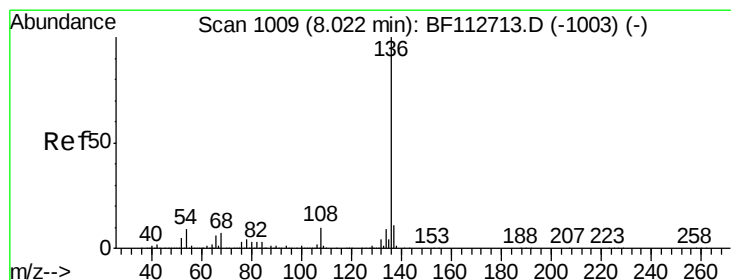
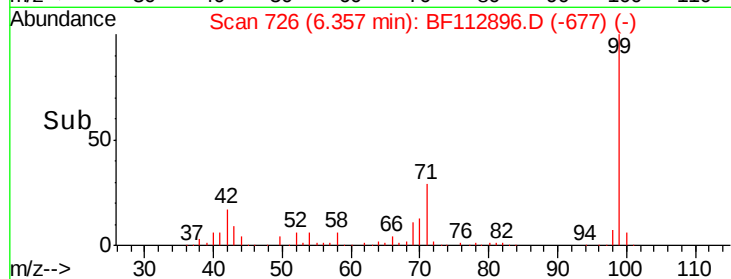
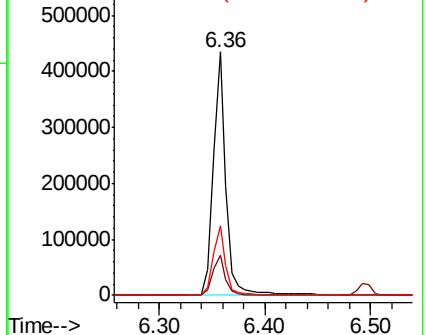
99 100

42 16.6 16.3 24.5

71 28.7 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Tgt Ion: 136 Resp: 787846

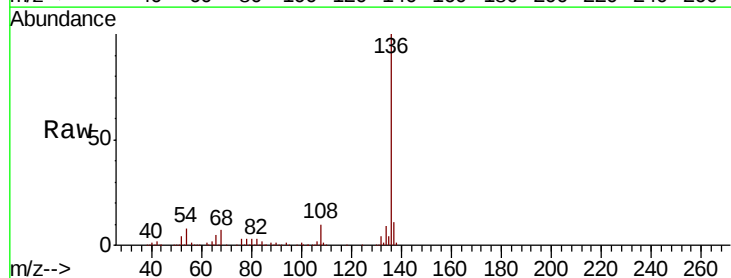
Ion Ratio Lower Upper

136 100

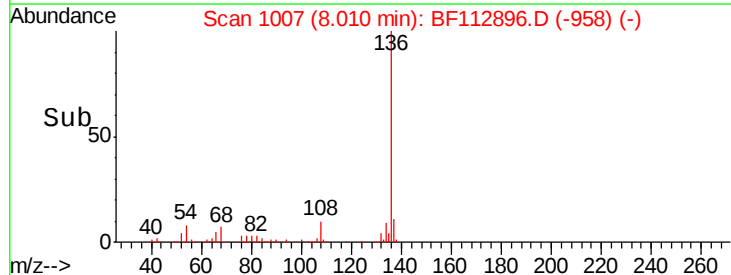
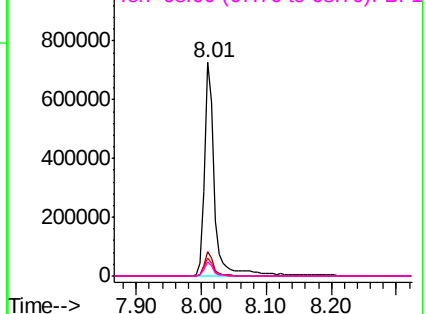
137 11.1 8.9 13.3

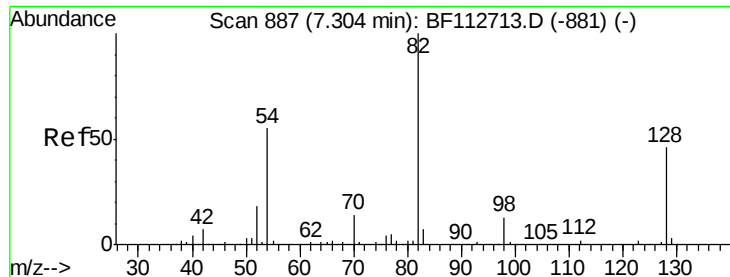
54 8.4 7.3 10.9

68 6.6 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

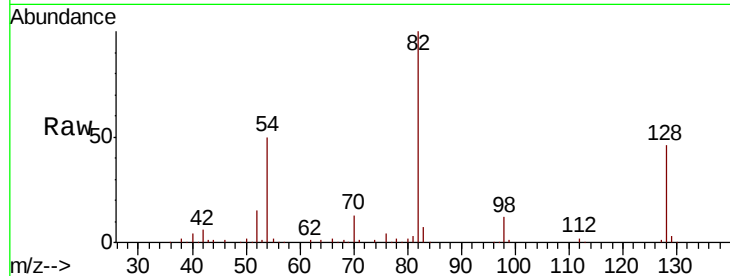




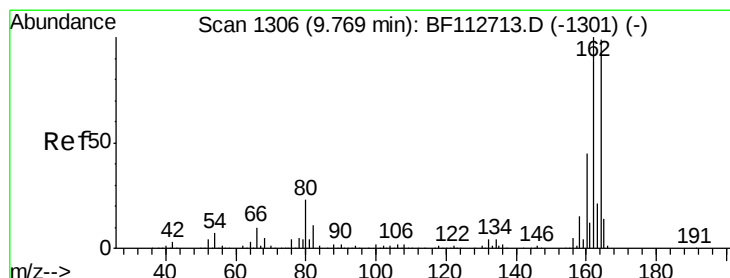
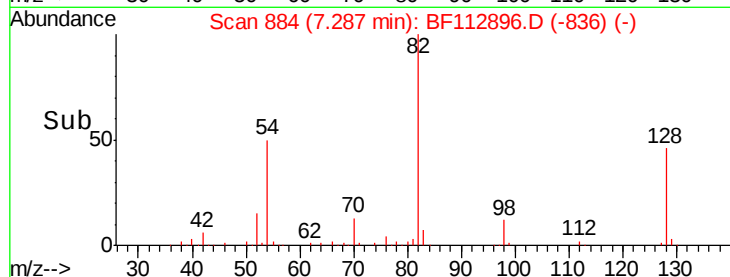
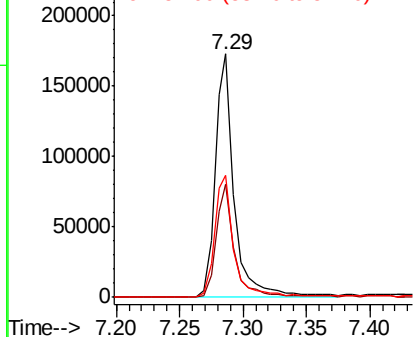
#23
 Nitrobenzene-d5
 Concen: 13.889 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

Instrument :
 BNA_F
 ClientSampled :
 Z-2-6

Tot Ion: 82 Resp: 182867
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 49.9 43.7 65.5

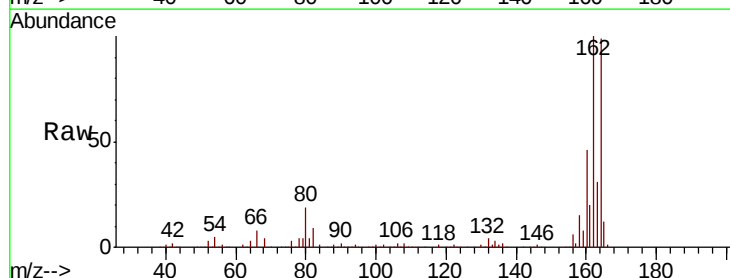


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

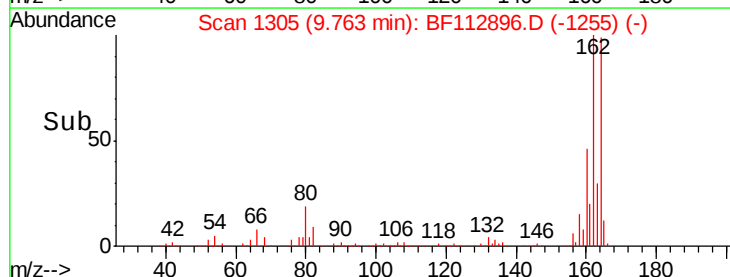
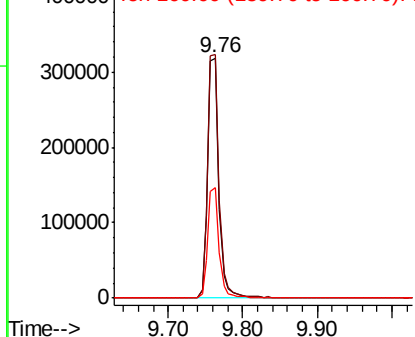


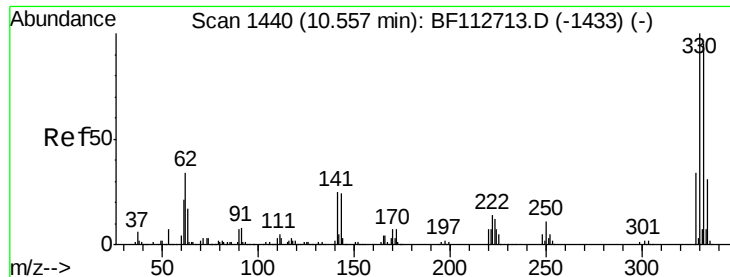
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

Tgt Ion:164 Resp: 335171
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 120.8
 160 46.1 36.0 54.0



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: 20.207 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

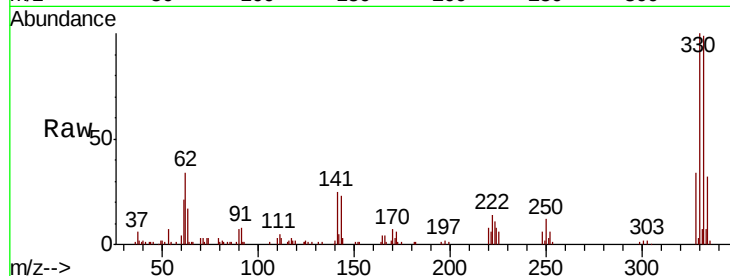
Tot Ion:330 Resp: 71900

Ion Ratio Lower Upper

330 100

332 98.6 76.2 114.4

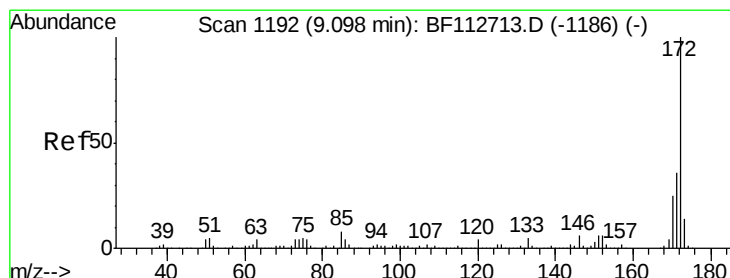
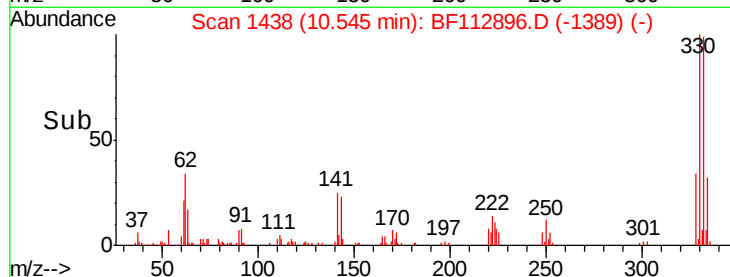
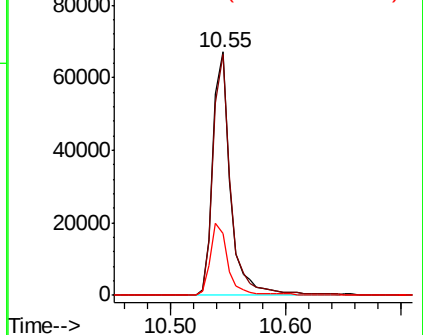
141 29.6 27.0 40.6



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: 13.806 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

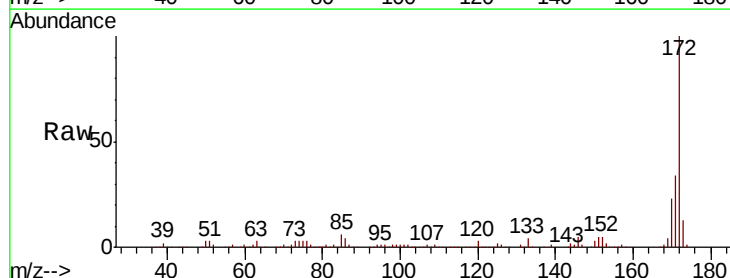
Tgt Ion:172 Resp: 367898

Ion Ratio Lower Upper

172 100

171 34.1 29.0 43.4

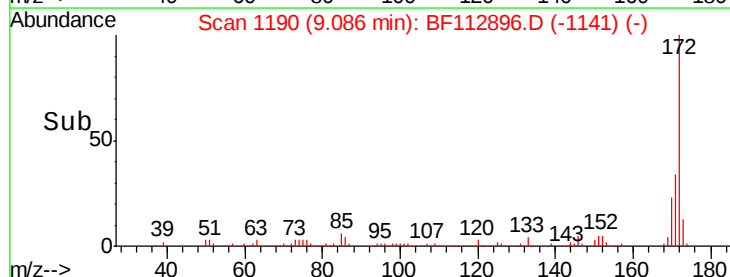
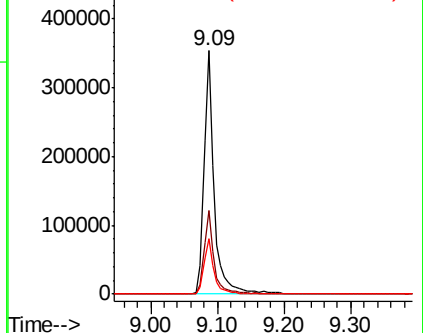
170 22.8 20.0 30.0

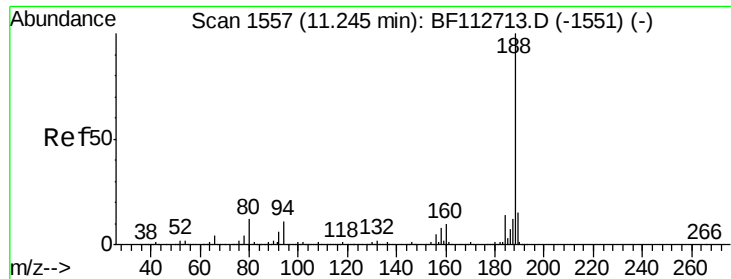


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

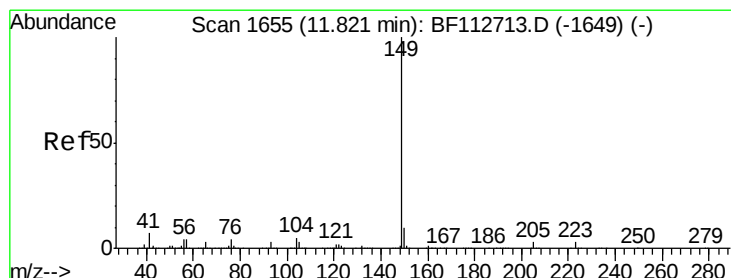
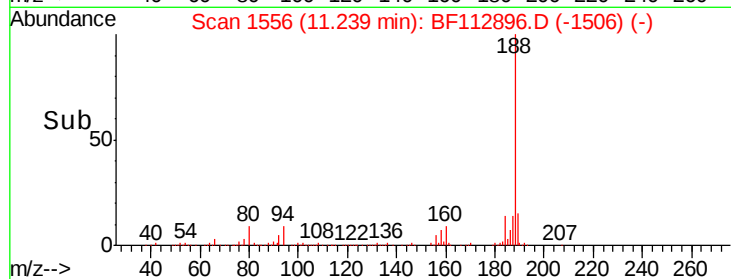
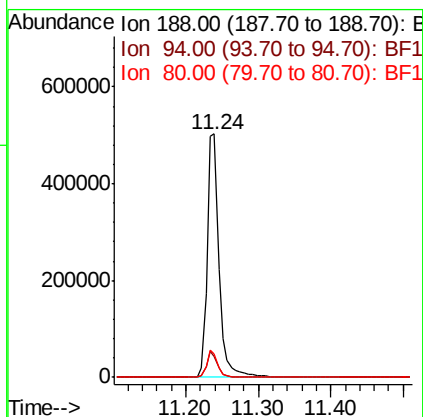
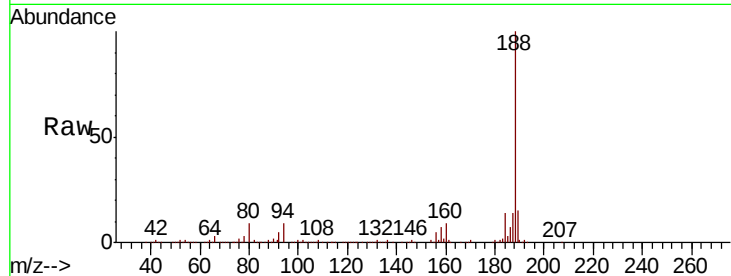




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

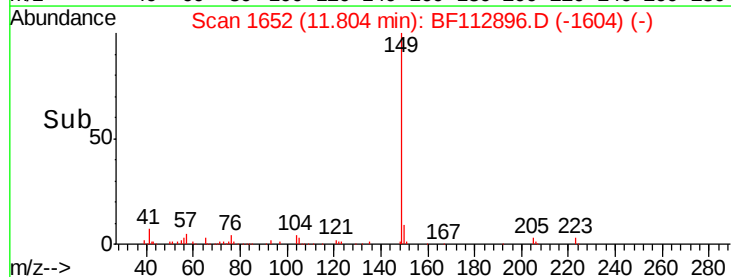
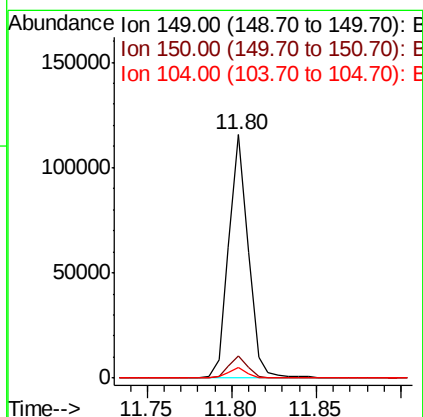
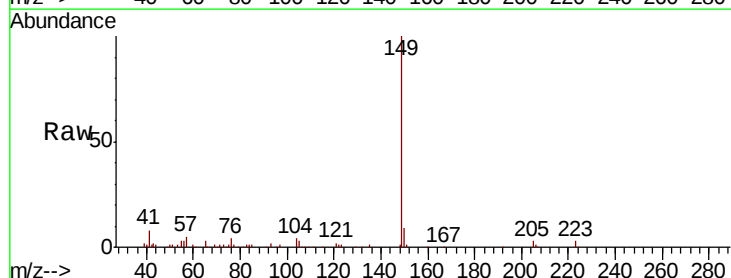
Instrument :
BNA_F
ClientSampleId :
Z-2-6

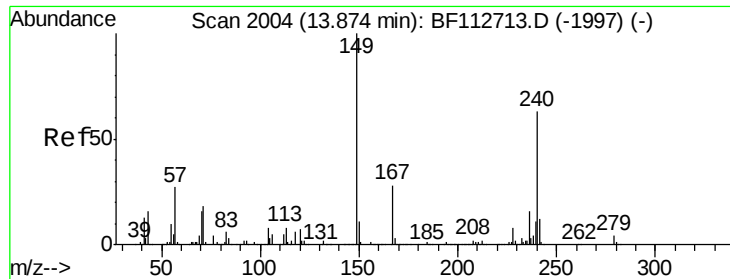
Tot Ion:188 Resp: 570903
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.4 9.2 13.8



#74
Di-n-butylphthalate
Concen: 2.673 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Tgt Ion:149 Resp: 92969
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 4.3 3.7 5.5

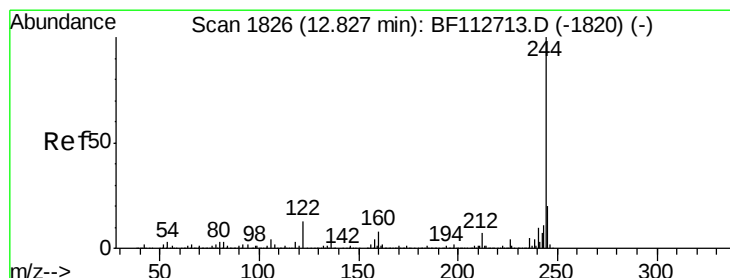
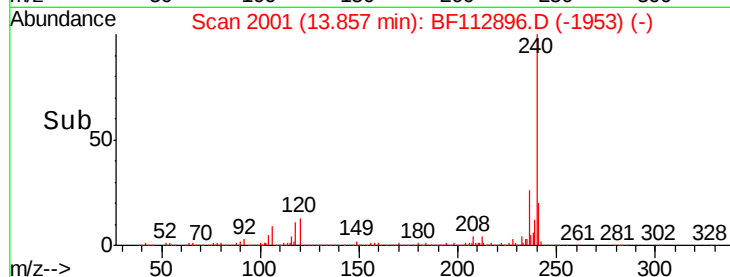
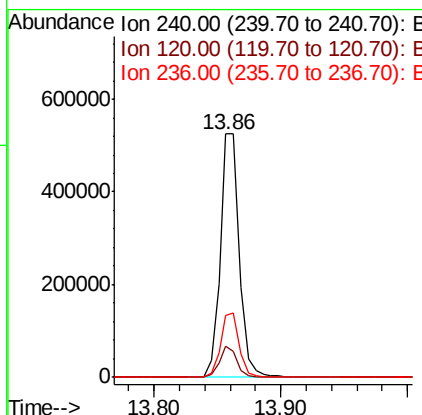
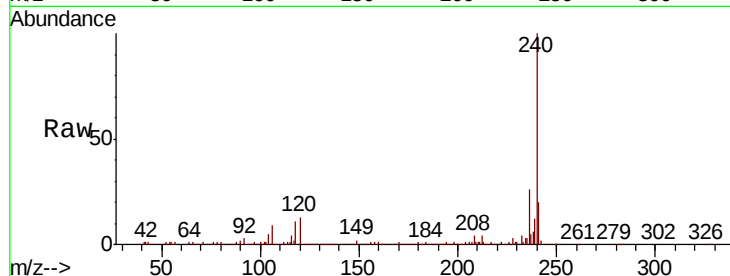




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

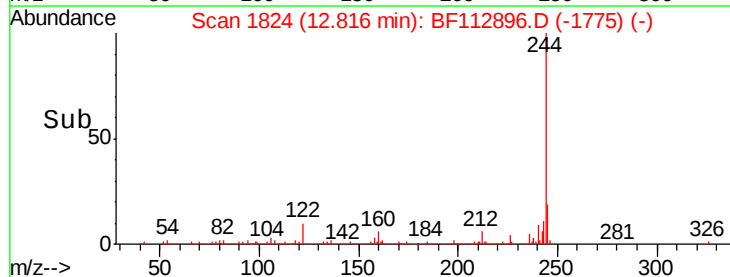
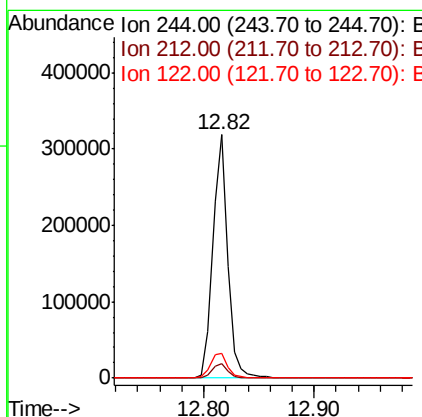
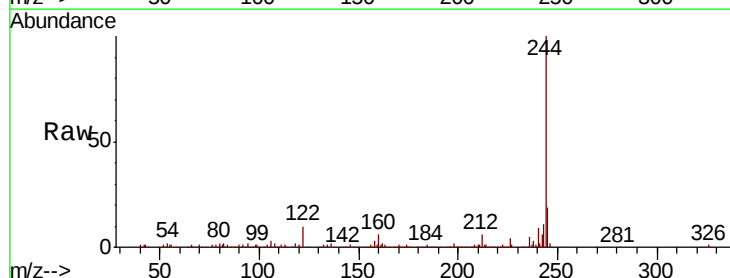
Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

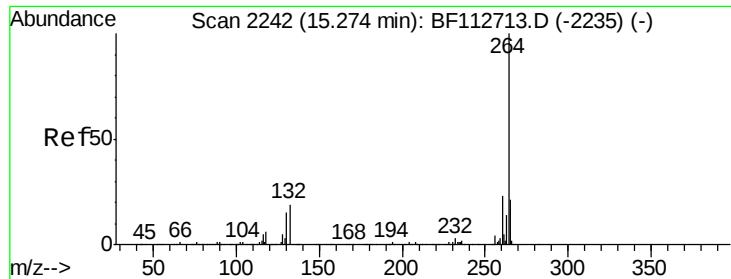
Tot Ion:240 Resp: 550679
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.9 13.3
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 10.249 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112896.D
 Acq: 6 Mar 2019 21:56

Tgt Ion:244 Resp: 291160
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.6 8.4
 122 10.1 10.5 15.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Instrument :
BNA_F
ClientSampleId :
Z-2-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	17.2	25.8

