

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101222.D
 Acq On : 7 Dec 2017 22:55
 Operator : SJ/JU
 Sample : I6731-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-B

Quant Time: Dec 08 01:13:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	42596	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146352	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	58949	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	102473	20.00	ng	0.00
75) Chrysene-d12	14.02	240	84771	20.00	ng	0.00
86) Perylene-d12	15.50	264	65890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	114759	44.52	ng	0.00
7) Phenol-d6	6.47	99	90766	29.00	ng	-0.01
23) Nitrobenzene-d5	7.41	82	237927	96.98	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	58837	83.09	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	493260	114.49	ng	0.00
78) Terphenyl-d14	12.96	244	394813	101.87	ng	0.00

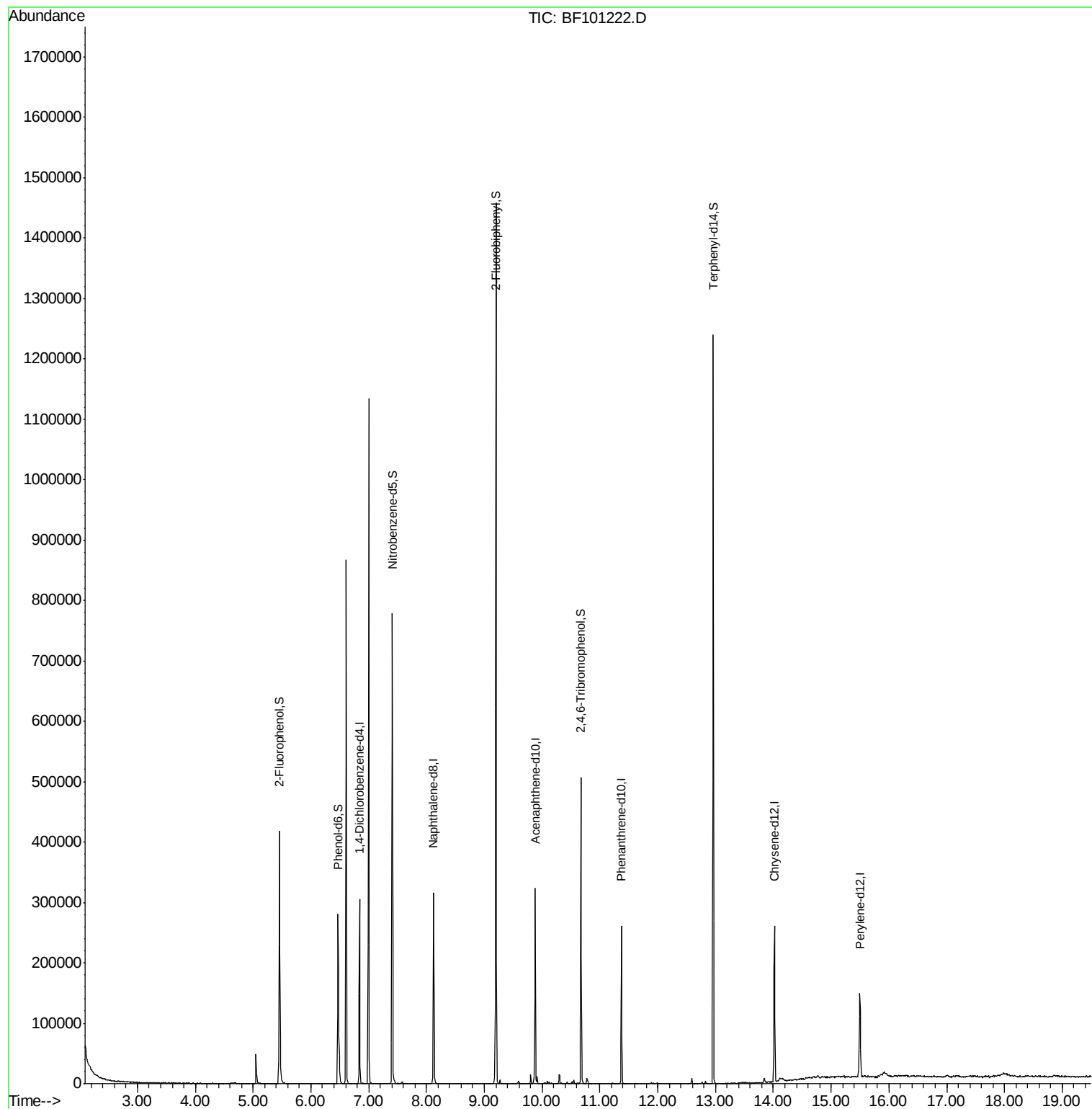
Target Compounds Qvalue

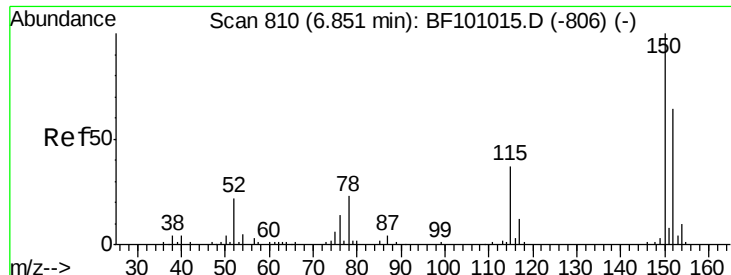
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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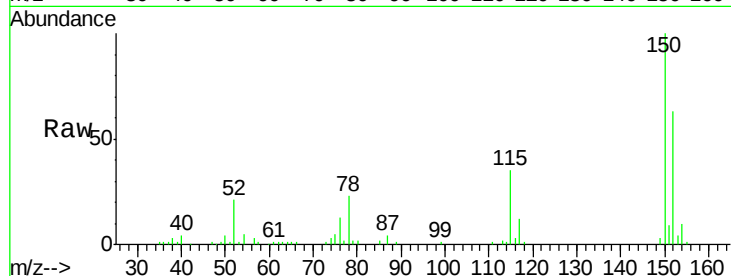


#1

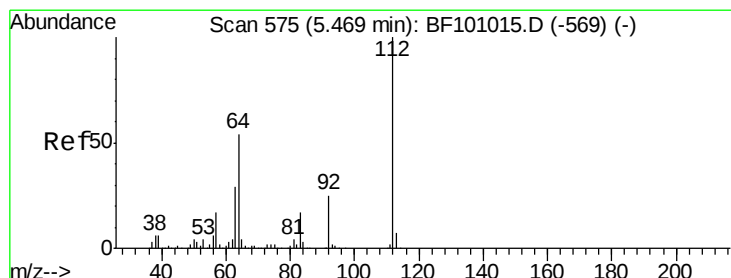
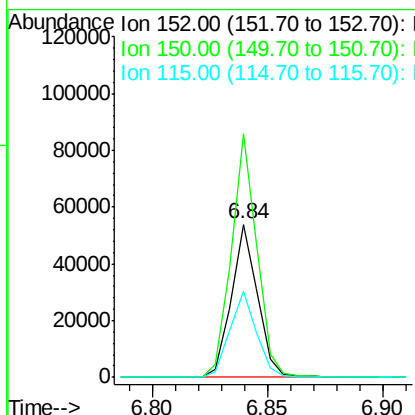
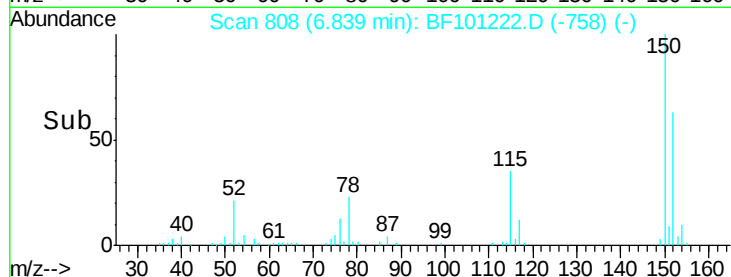
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-D-B

Tot Ion:152 Resp: 42596
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 56.1 50.1 75.1



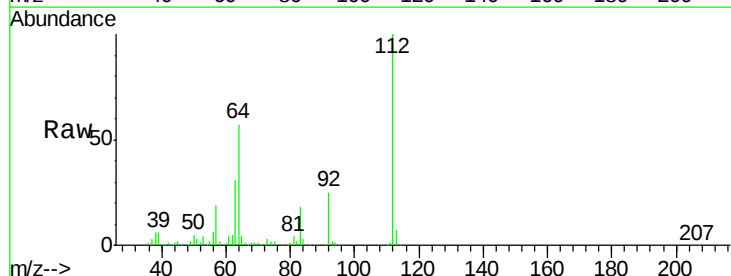
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



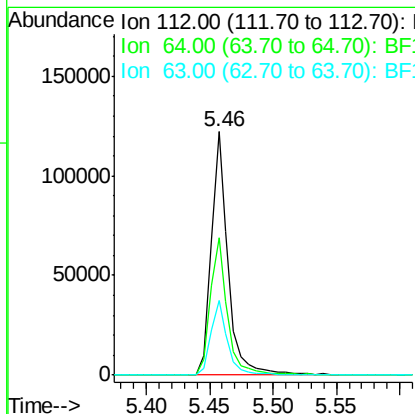
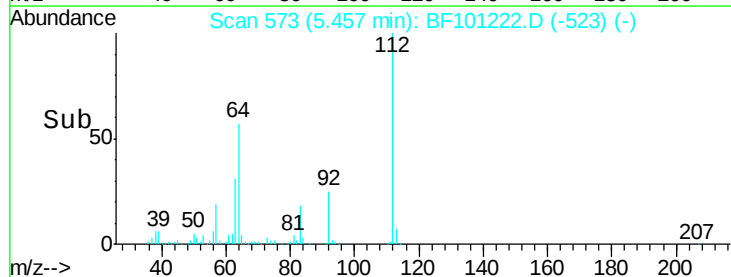
#5

2-Fluorophenol
Concen: 44.519 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:112 Resp: 114759
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 30.6 23.7 35.5



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: 29.002 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

113017-TIDO-E-D-B

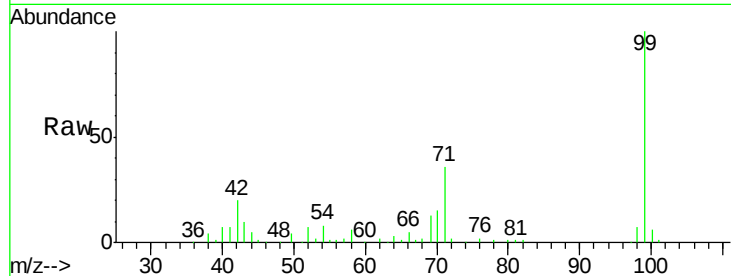
Tot Ion: 99 Resp: 90766

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

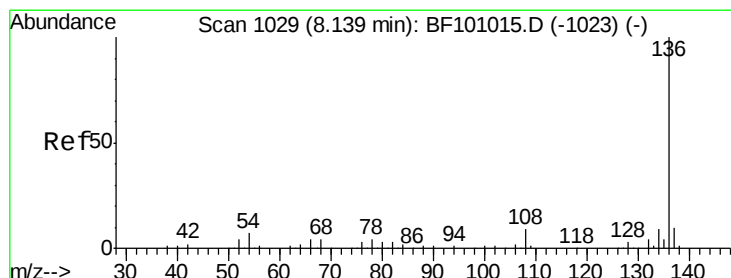
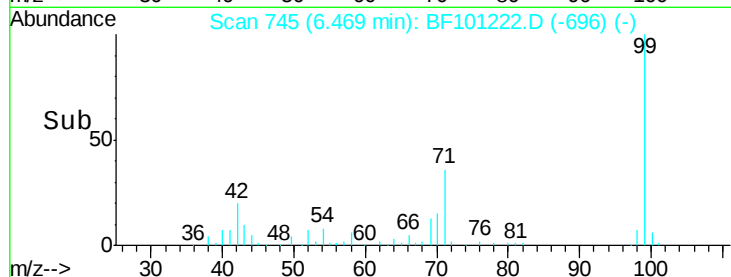
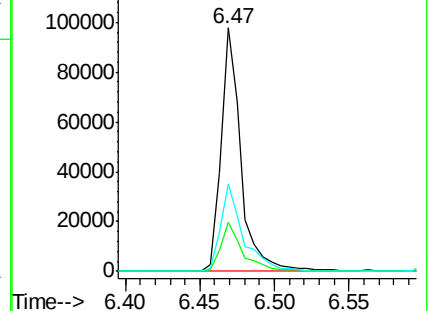
71 35.9 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Tgt Ion: 136 Resp: 146352

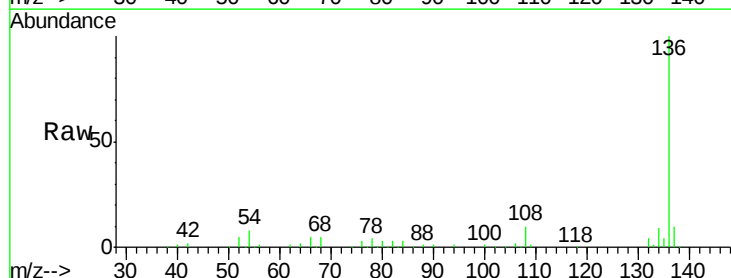
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.5 6.6 9.8

68 5.1 5.0 7.4

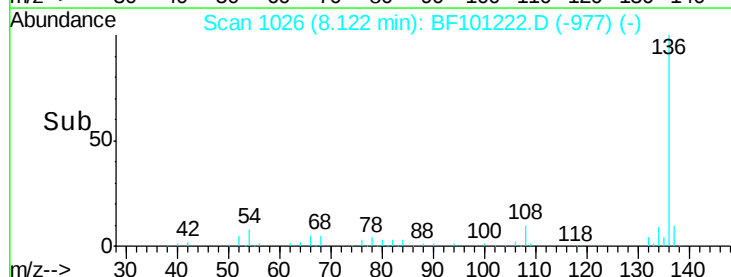
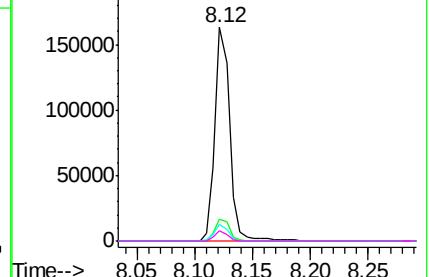


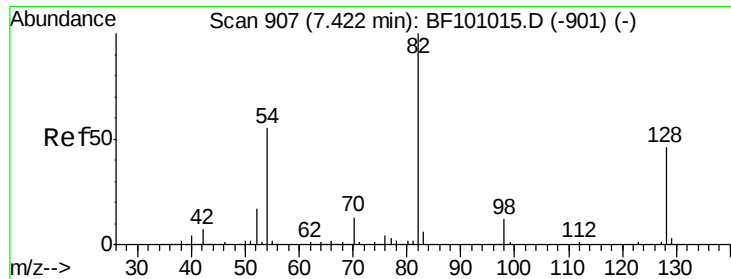
Abundance Ion 136.00 (135.70 to 136.70): E

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

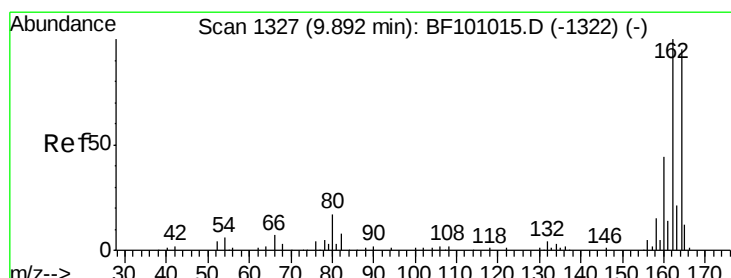
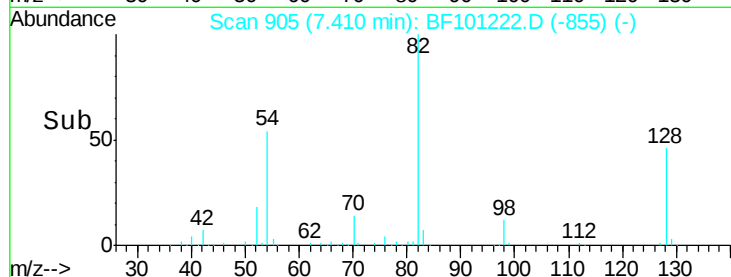
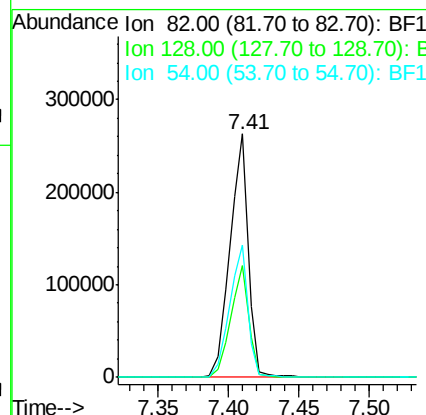
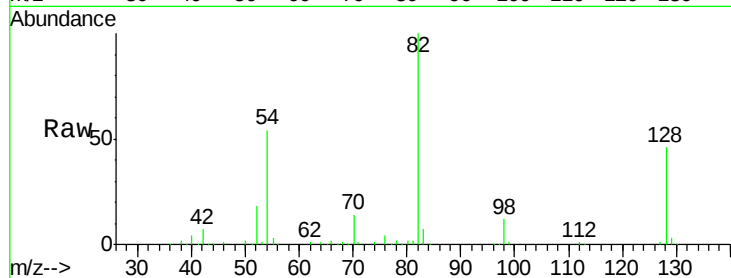




#23
 Nitrobenzene-d5
 Concen: 96.979 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

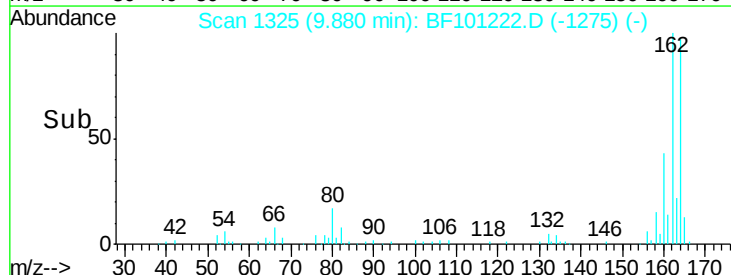
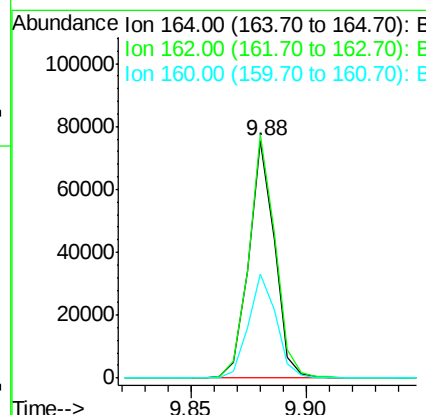
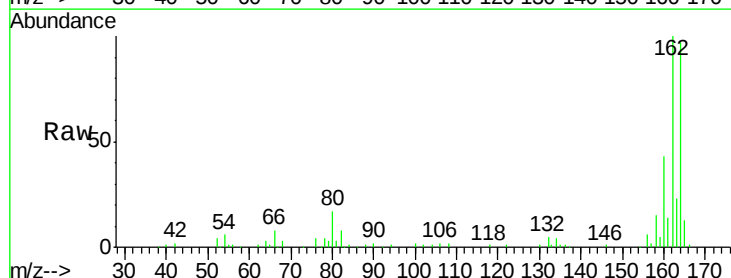
Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-B

Tot Ion	82	Resp	237927
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	54.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion	164	Resp	58949
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	43.6	38.3	57.5

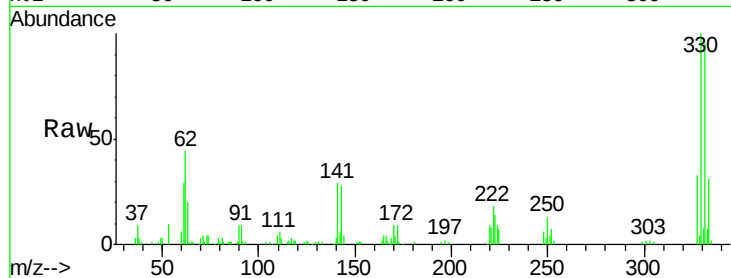




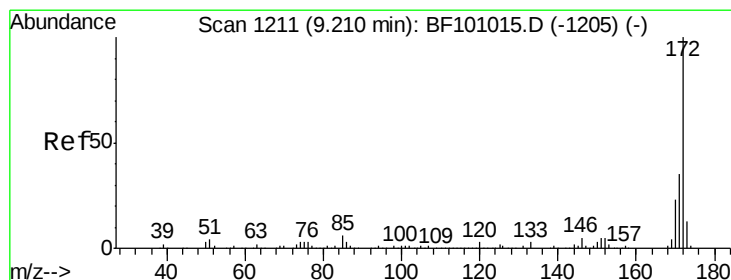
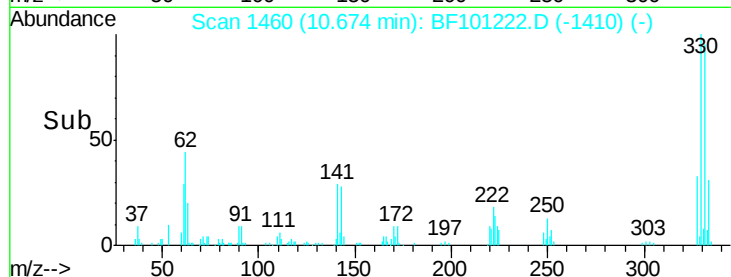
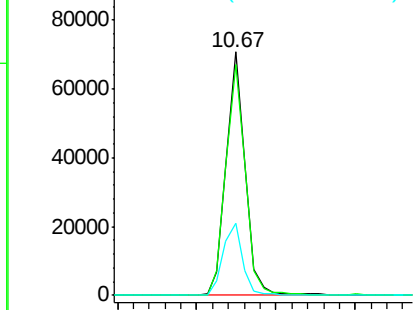
#41
 2,4,6-Tribromophenol
 Concen: 83.086 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-B

Tot Ion:330 Resp: 58837
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 30.1 29.9 44.9

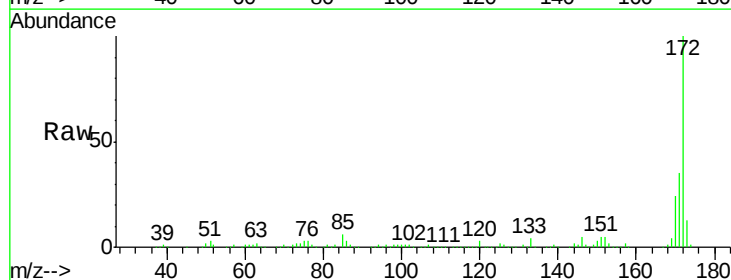


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

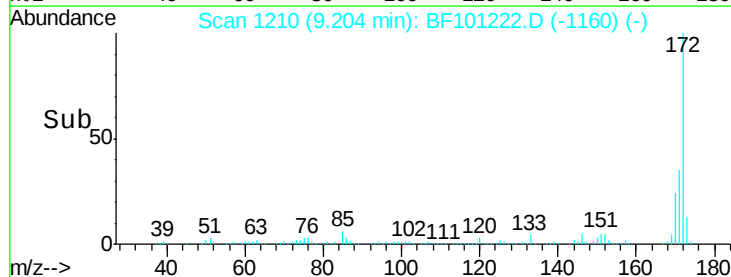
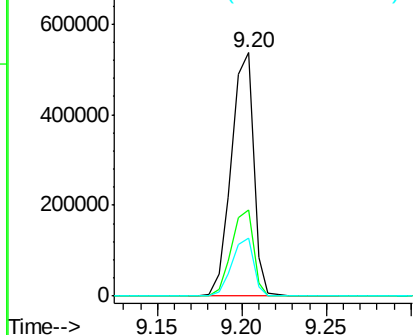


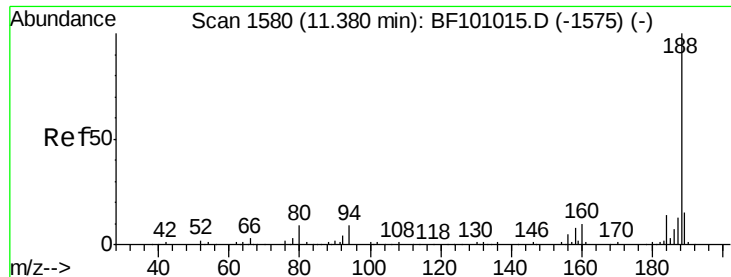
#44
 2-Fluorobiphenyl
 Concen: 114.485 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion:172 Resp: 493260
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 19.6 29.4



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

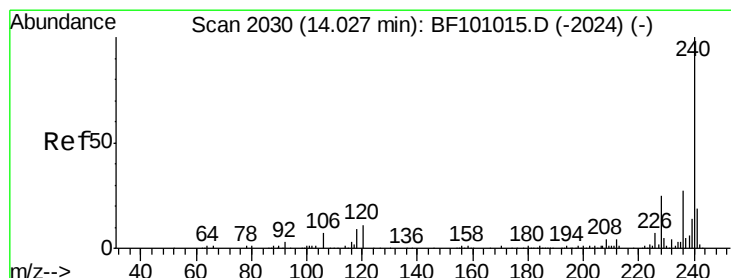
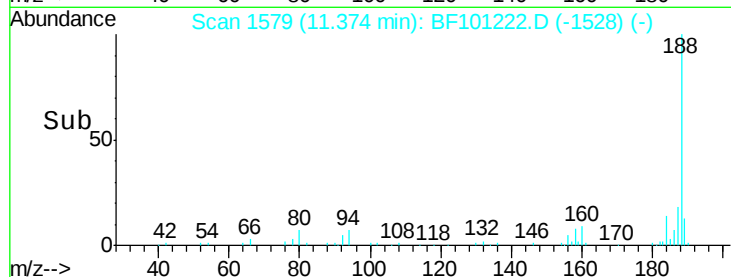
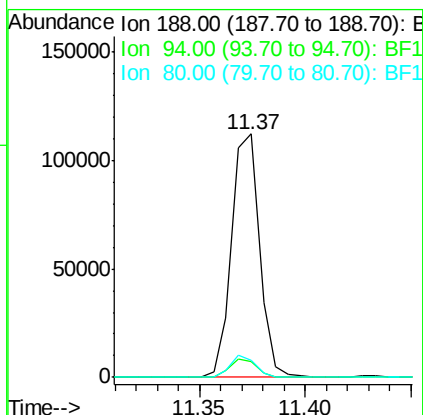
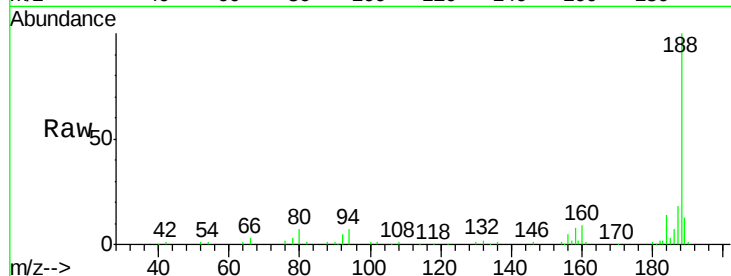




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

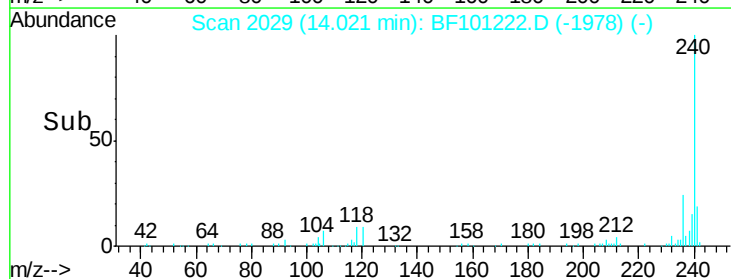
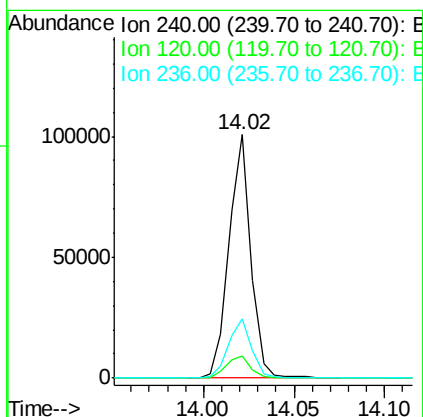
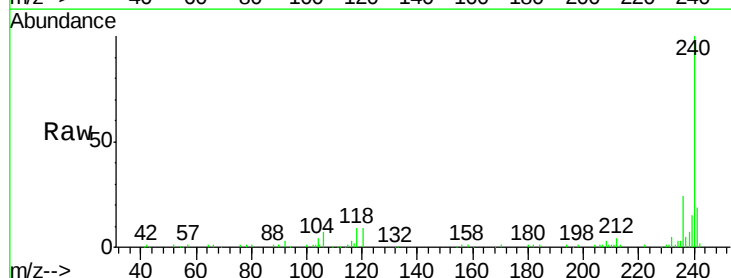
Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-D-B

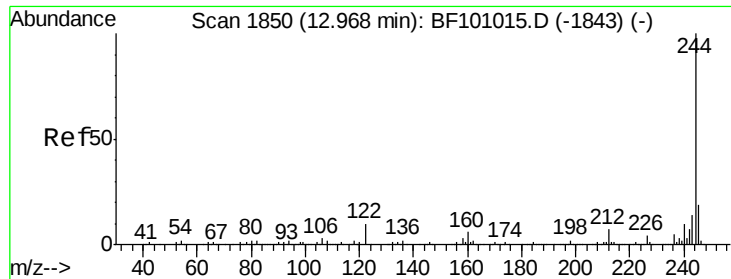
Tot Ion:188 Resp: 102473
Ion Ratio Lower Upper
188 100
94 6.7 8.5 12.7#
80 7.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:240 Resp: 84771
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 24.4 20.7 31.1

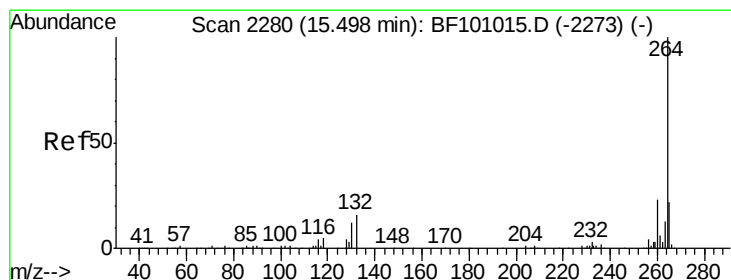
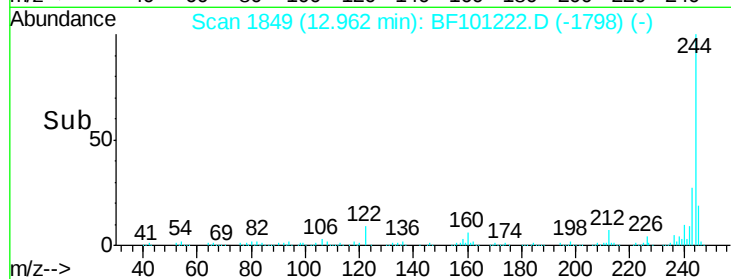
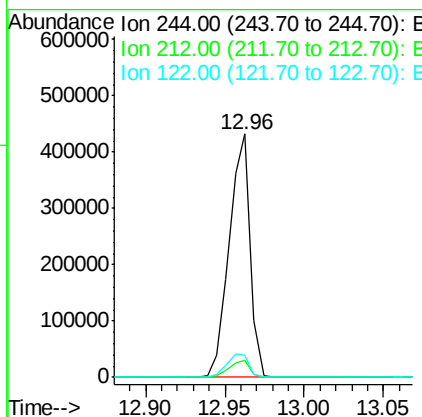
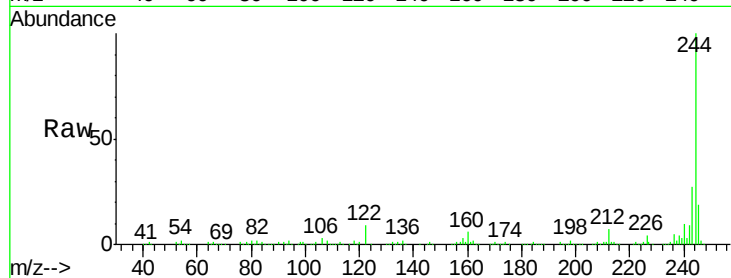




#78
 Terphenyl-d14
 Concen: 101.870 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.3	17.5	26.3

