

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102346.D
 Acq On : 23 Jan 2018 15:26
 Operator : SJ/JU
 Sample : PB105838BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105838BL

Quant Time: Jan 24 01:12:59 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128601	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	545596	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	251304	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	448176	20.00	ng	0.00
75) Chrysene-d12	13.87	240	364792	20.00	ng	0.00
86) Perylene-d12	15.30	264	284230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	895220	105.55	ng	0.01
7) Phenol-d6	6.36	99	1095499	107.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	678531	71.47	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	201417	80.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1267274	74.15	ng	0.00
78) Terphenyl-d14	12.82	244	1212762	74.95	ng	0.00

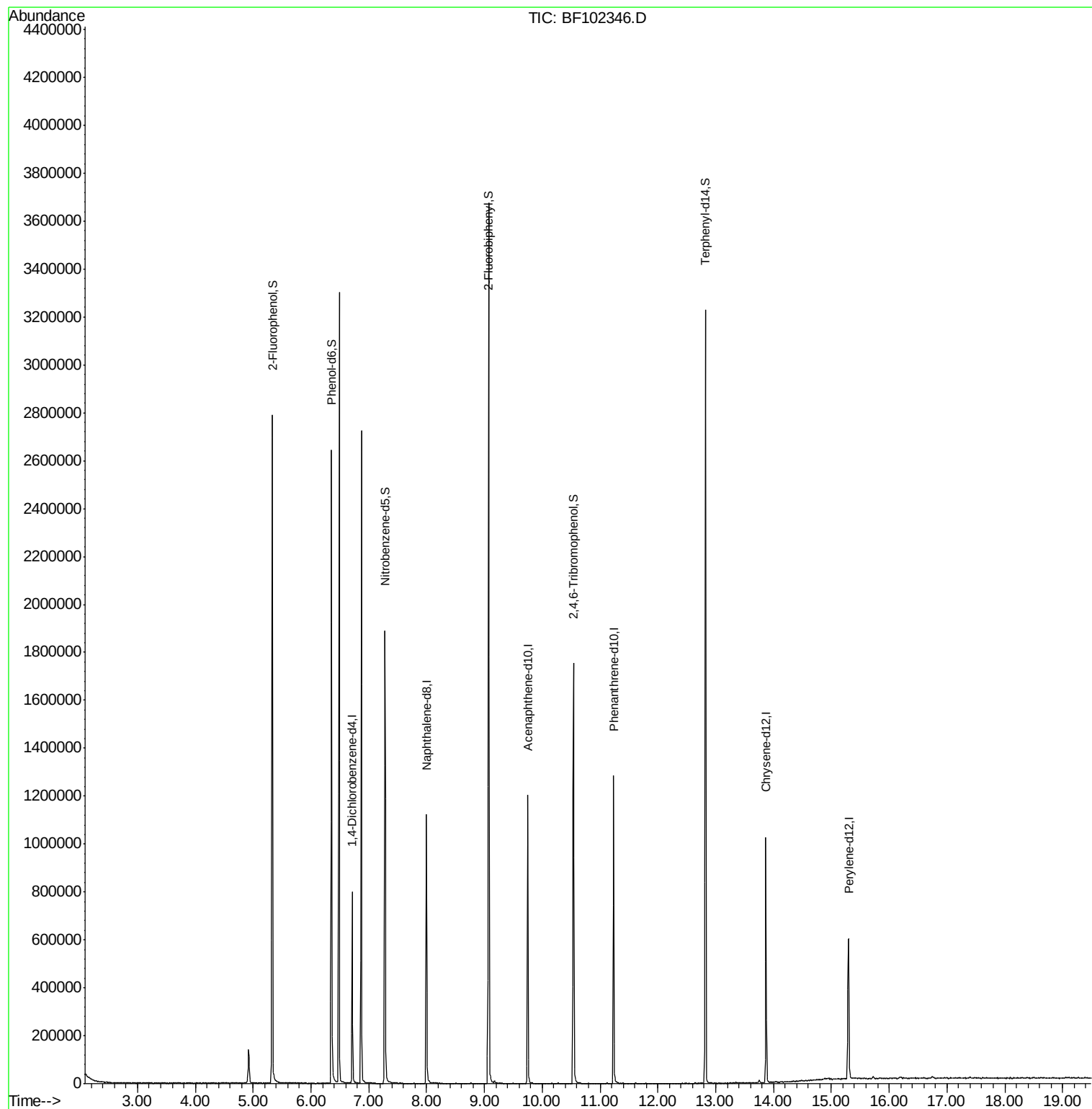
Target Compounds	Qvalue
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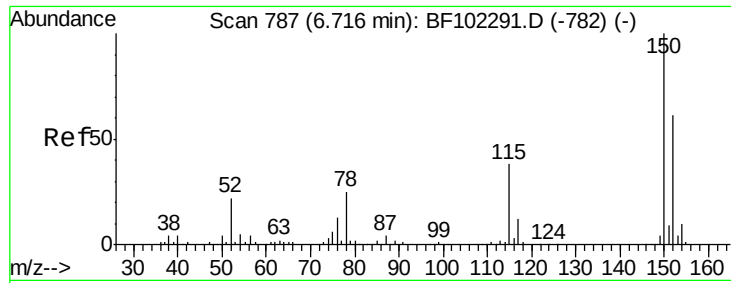
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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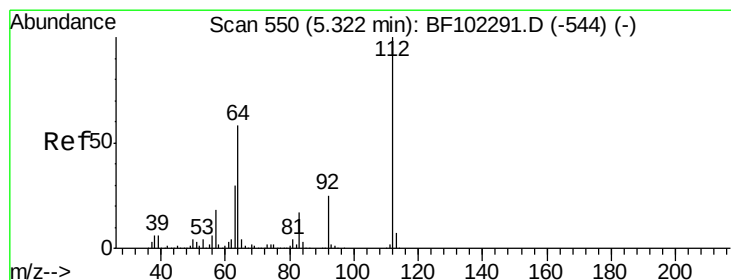
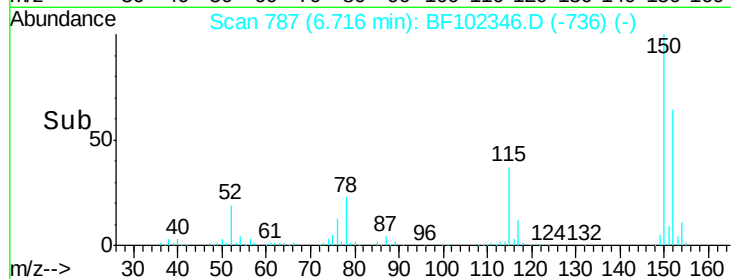
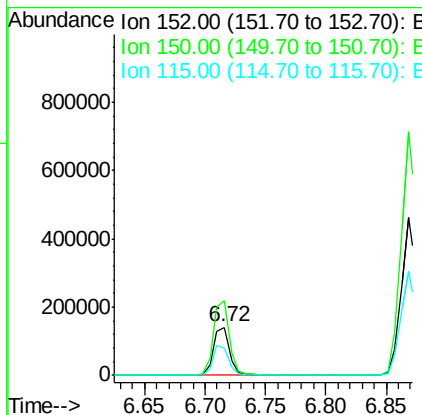
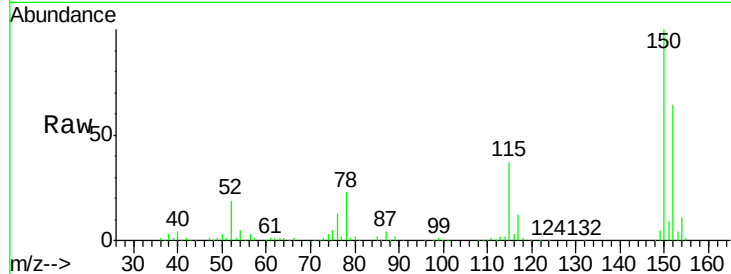


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB105838BL

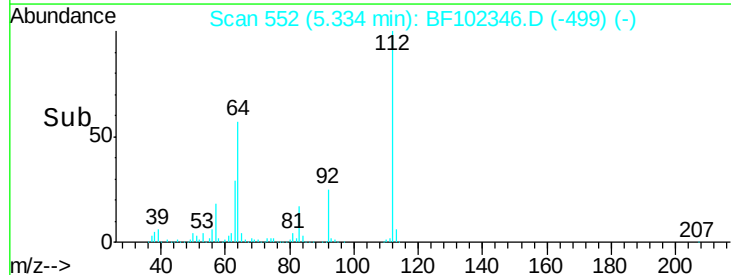
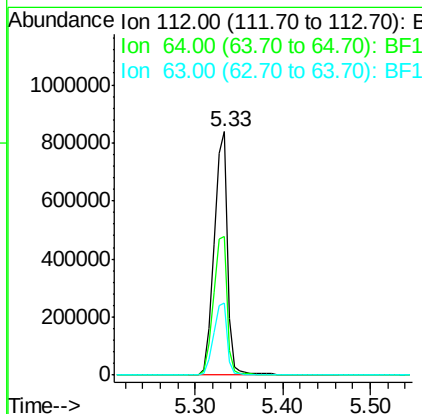
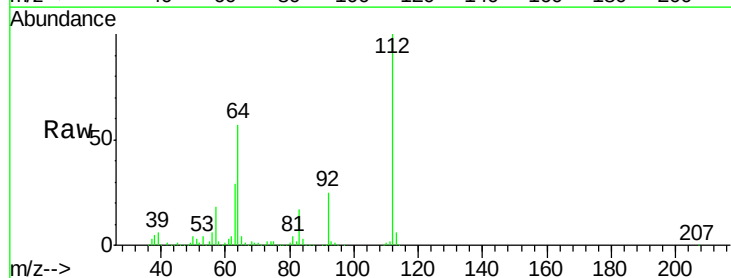
Tgt Ion:152 Resp: 128601
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 57.9 50.1 75.1

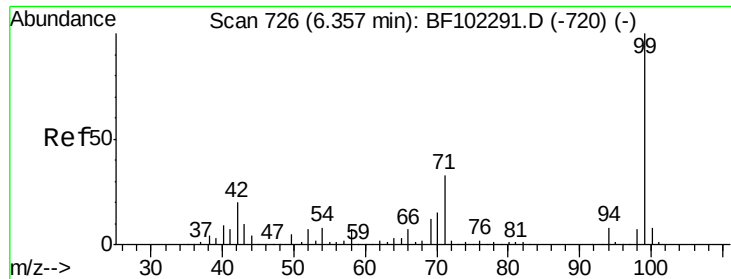


#5

2-Fluorophenol
 Concen: 105.550 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Tgt Ion:112 Resp: 895220
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 107.138 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

Instrument :

BNA_F

ClientSampleId :

PB105838BL

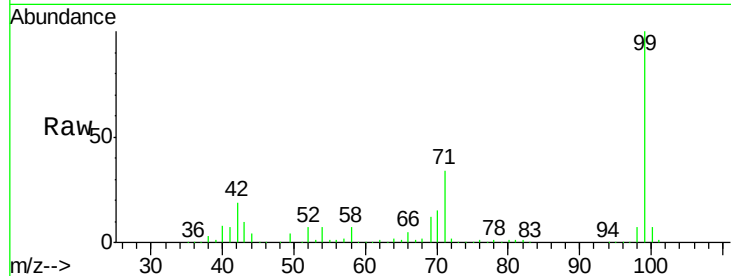
Tgt Ion: 99 Resp: 1095499

Ion Ratio Lower Upper

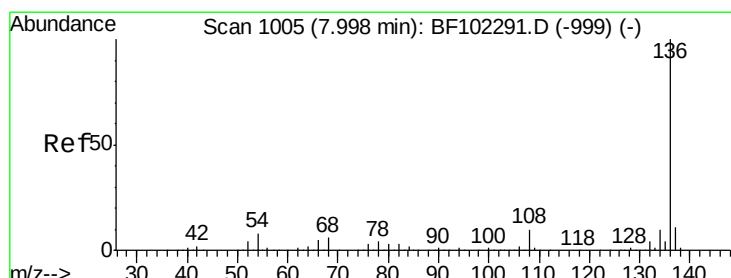
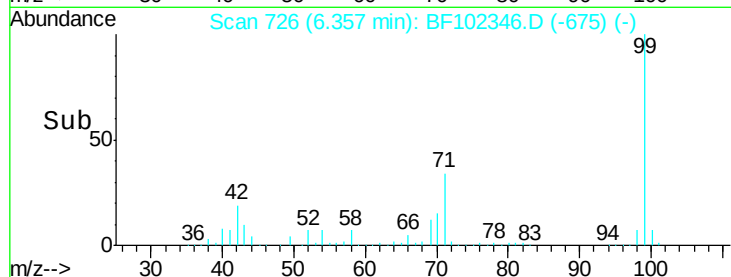
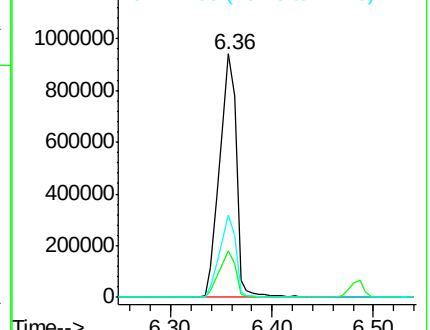
99 100

42 19.0 14.5 21.7

71 34.0 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

Tgt Ion: 136 Resp: 545596

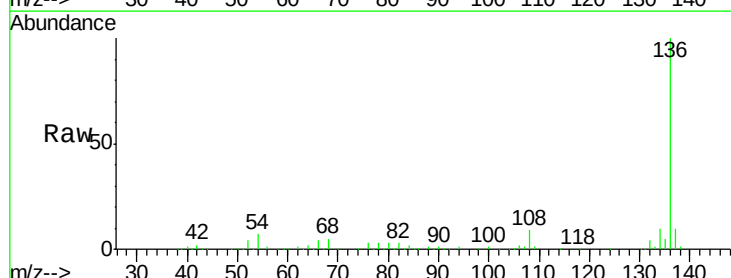
Ion Ratio Lower Upper

136 100

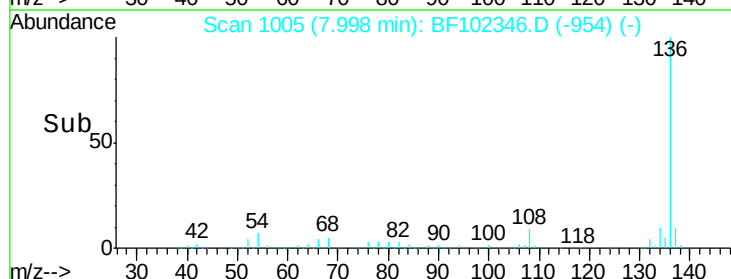
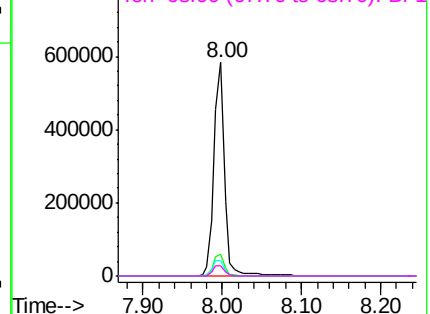
137 10.3 8.9 13.3

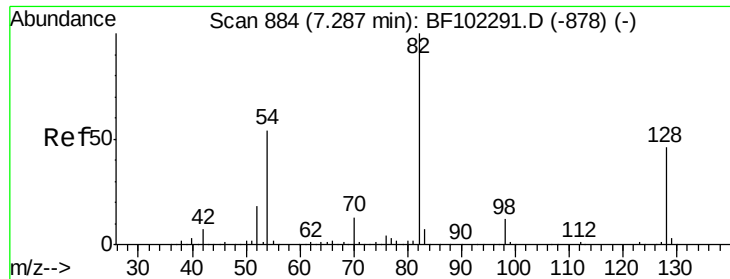
54 7.4 6.6 9.8

68 5.0 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

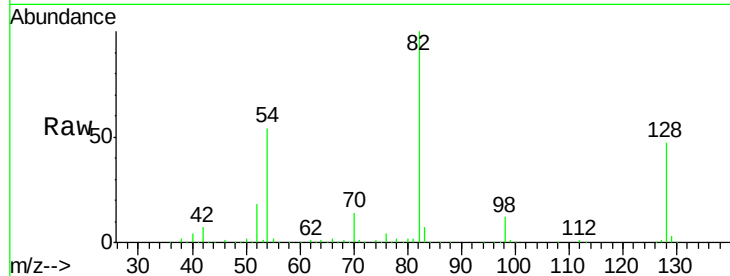




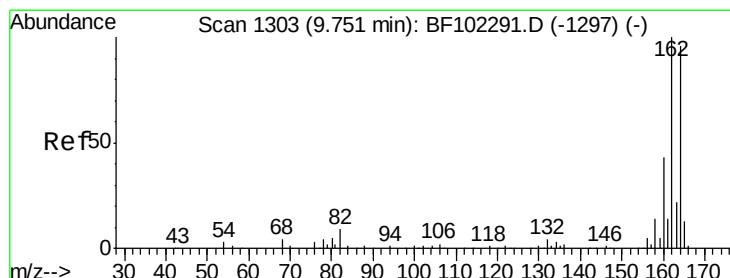
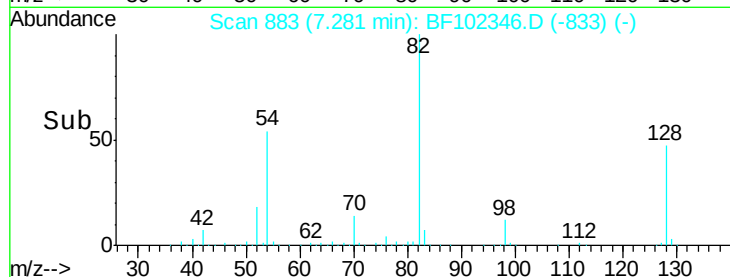
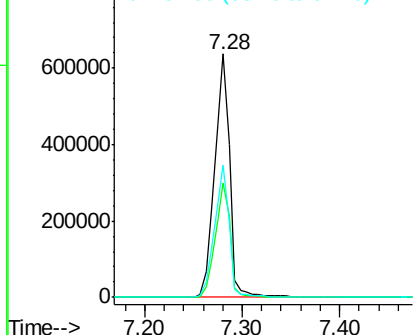
#23
 Nitrobenzene-d5
 Concen: 71.469 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB105838BL

Tgt Ion: 82 Resp: 678531
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 54.5 41.4 62.2

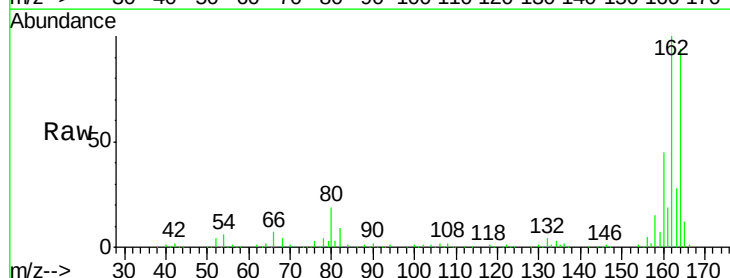


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

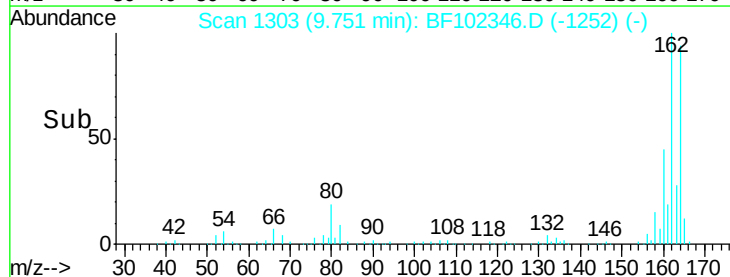
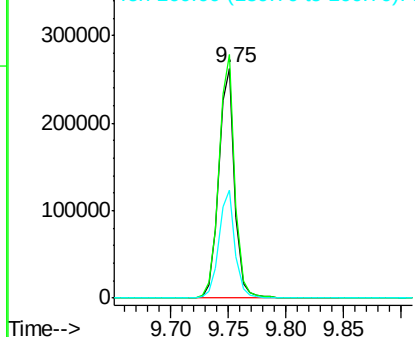


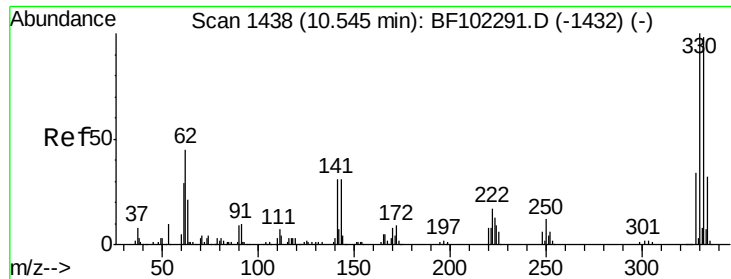
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Tgt Ion: 164 Resp: 251304
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 47.2 38.3 57.5



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

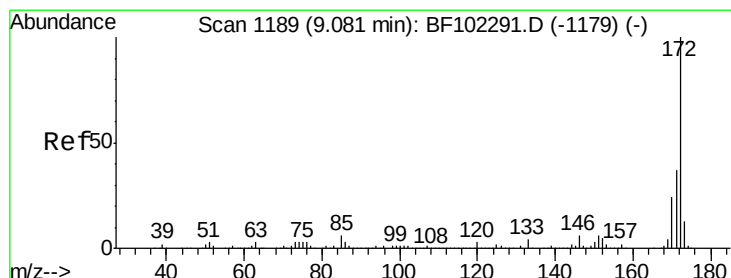
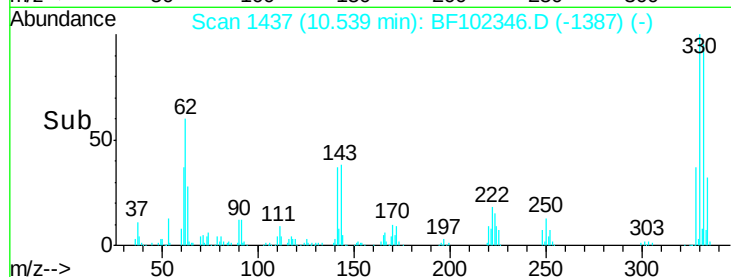
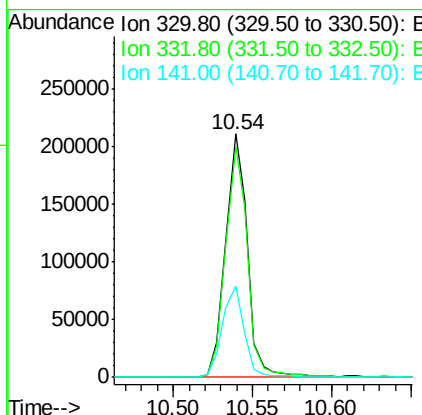
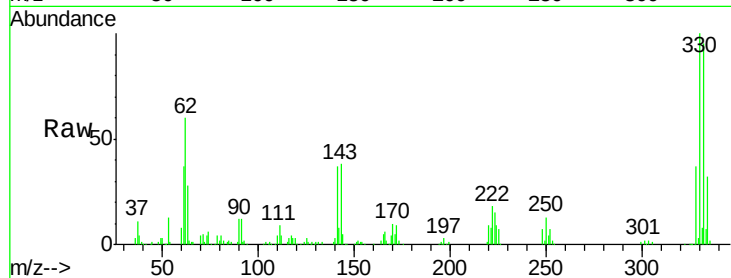




#41
 2,4,6-Tribromophenol
 Concen: 80.888 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

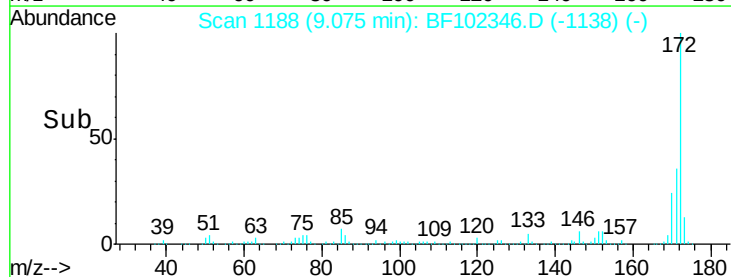
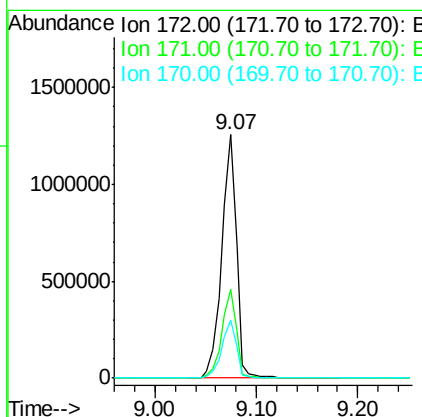
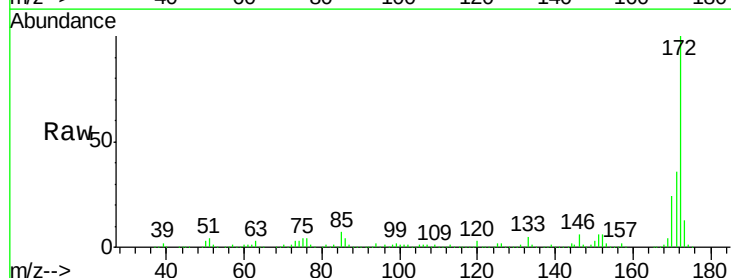
Instrument :
 BNA_F
 ClientSampleId :
 PB105838BL

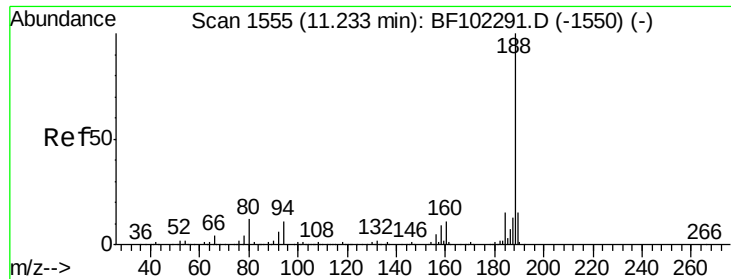
Tgt Ion:330 Resp: 201417
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 74.147 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Tgt Ion:172 Resp: 1267274
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 19.6 29.4

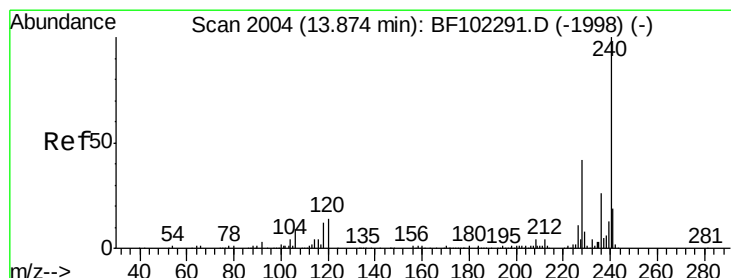
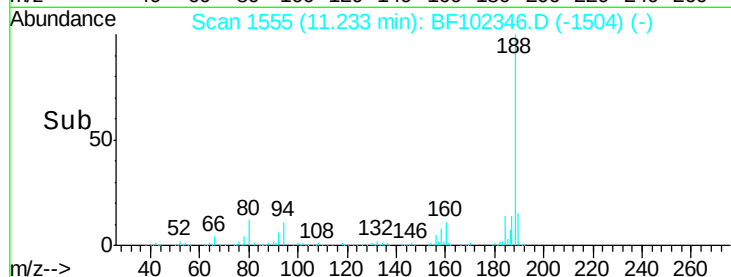
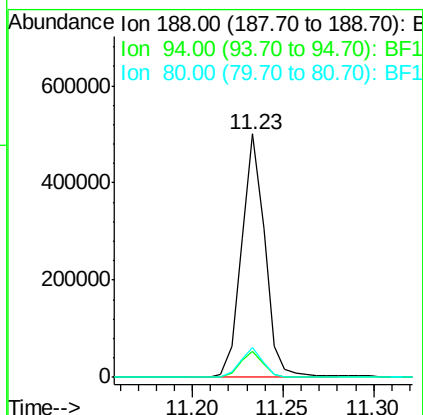
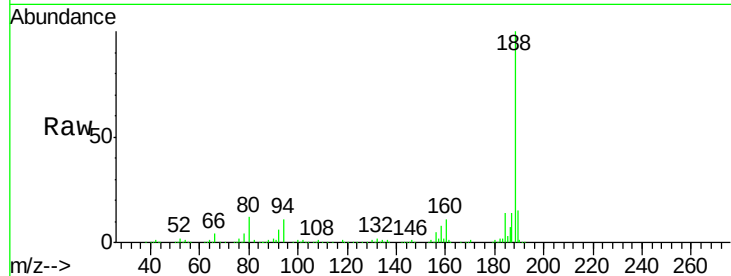




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

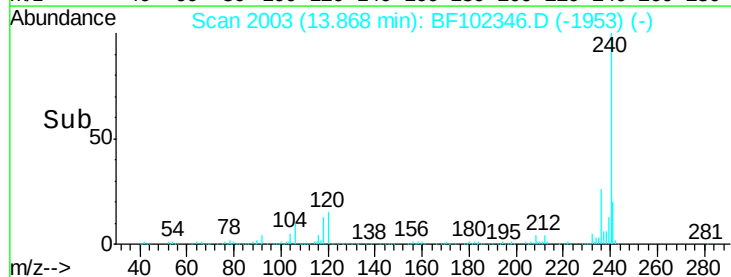
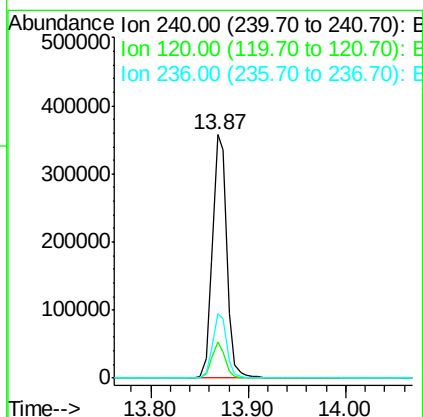
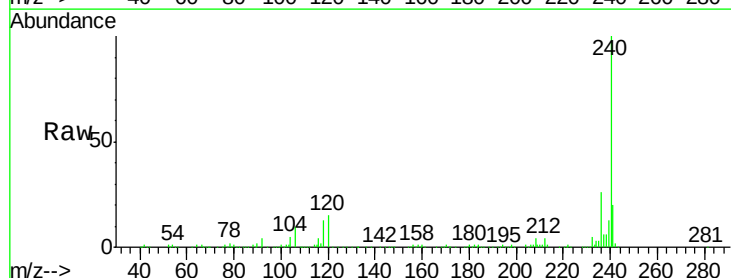
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BNA_F
ClientSampleId :
PB105838BL

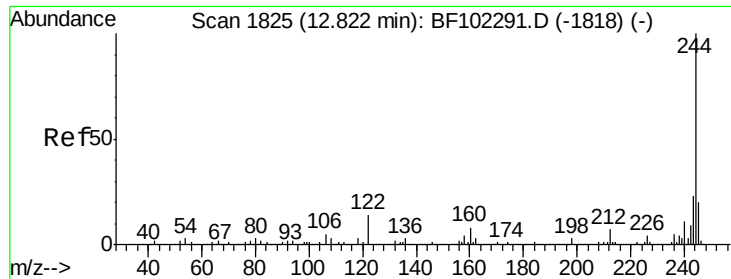
Tgt Ion:188 Resp: 448176
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion:240 Resp: 364792
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 26.3 20.7 31.1

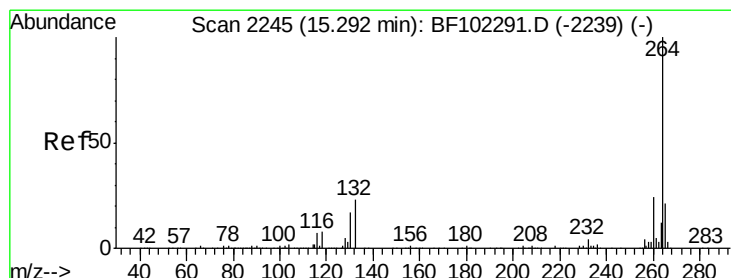
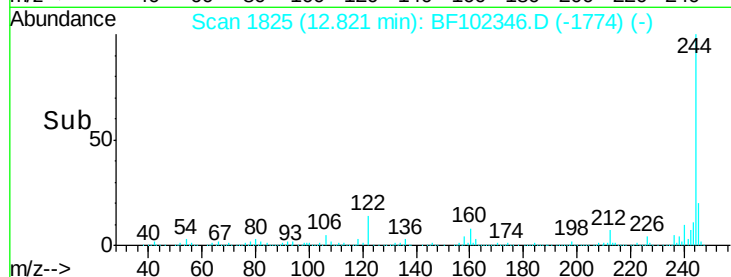
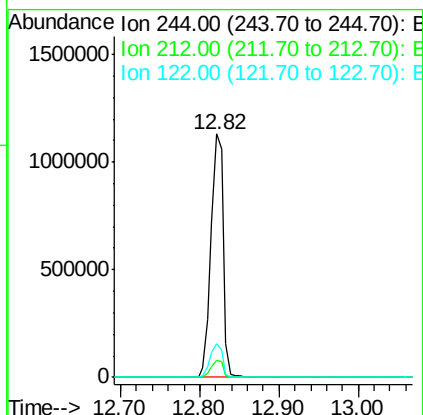
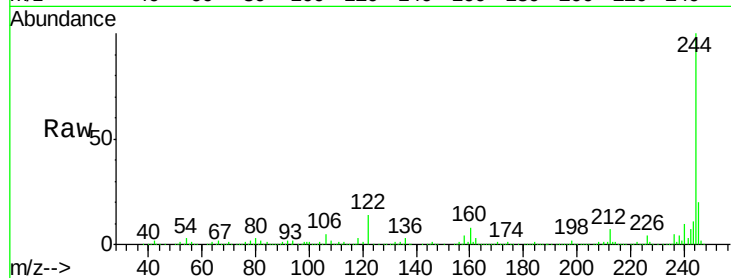




#78
 Terphenyl-d14
 Concen: 74.947 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB105838BL

Tgt Ion:244 Resp: 1212762
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Tgt Ion:264 Resp: 284230
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.5 26.3

