

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101102.D
 Acq On : 4 Dec 2017 17:09
 Operator : SJ/JU
 Sample : I6701-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOBILE-TRANSFORMER-CONTAIN

Quant Time: Dec 05 00:27:24 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	6.85	152	47731	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	177404	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	75353	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	115089	20.00	ng	0.00
75) Chrysene-d12	14.02	240	113726	20.00	ng	0.00
86) Perylene-d12	15.50	264	109926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	34140	11.82	ng	0.00
7) Phenol-d6	6.47	99	24750	7.06	ng	0.00
23) Nitrobenzene-d5	7.41	82	53857	18.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	19243	21.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	128429	23.32	ng	0.00
78) Terphenyl-d14	12.96	244	88005	16.93	ng	0.00

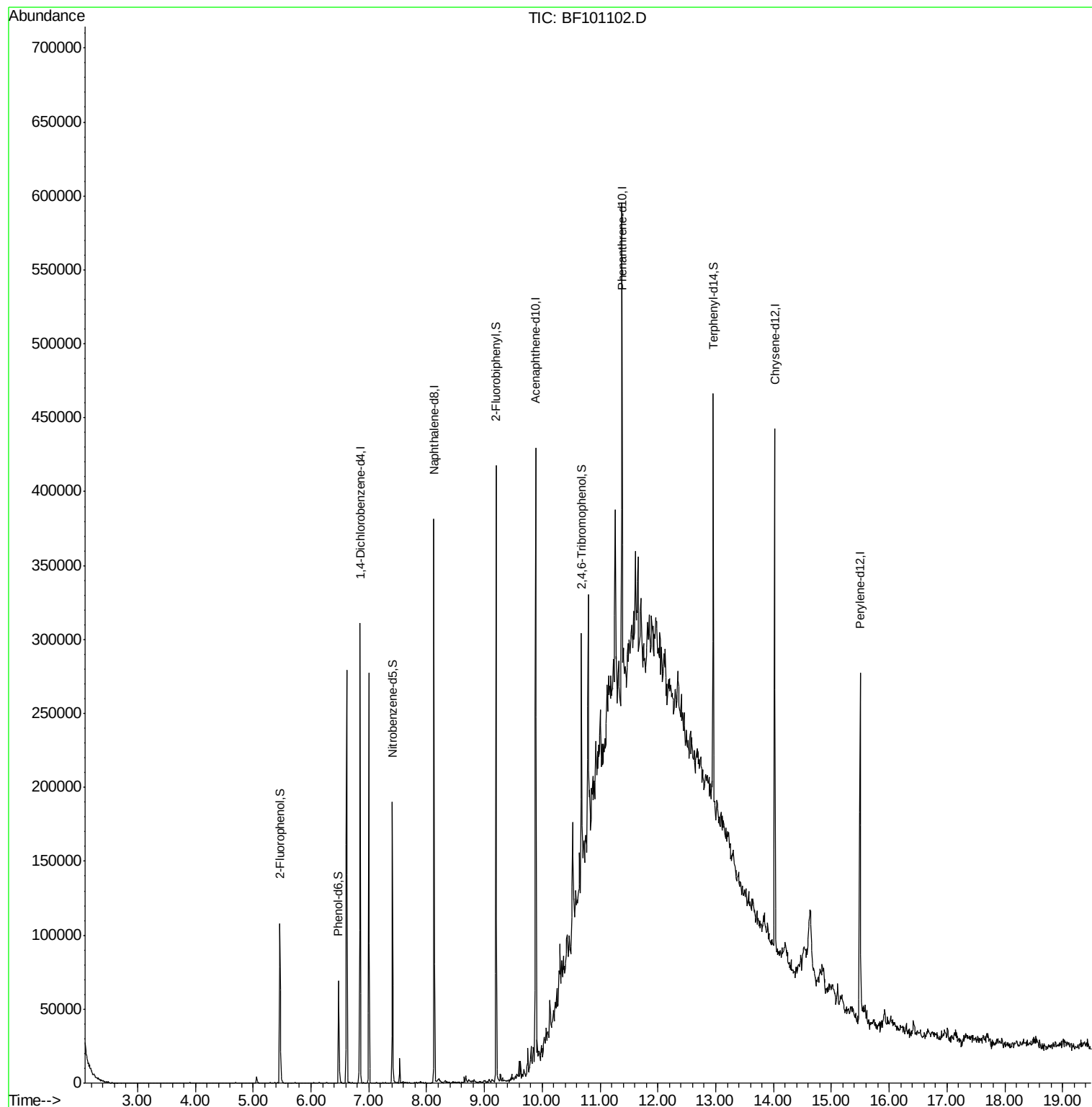
Target Compounds Qvalue

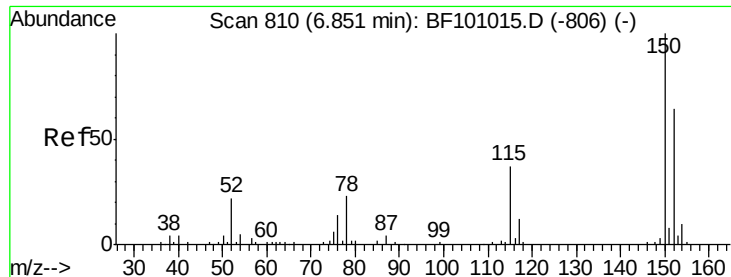
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101102.D

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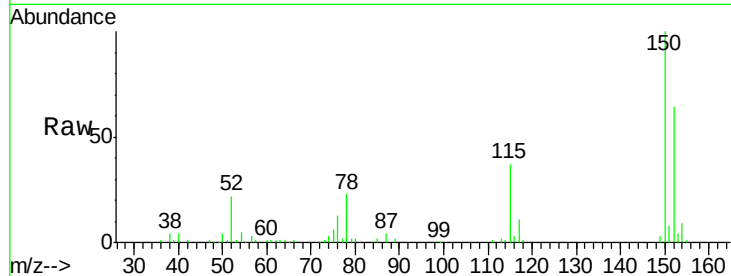
Tot Ion:152 Resp: 47731

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

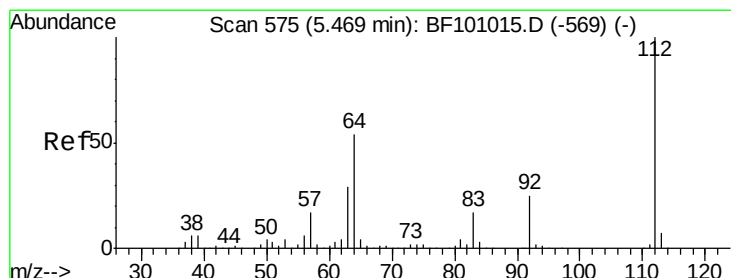
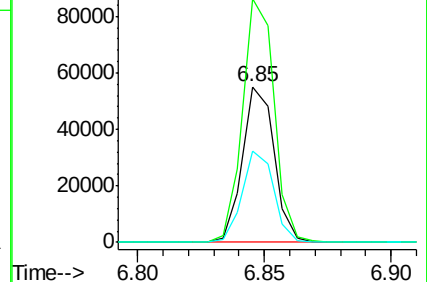
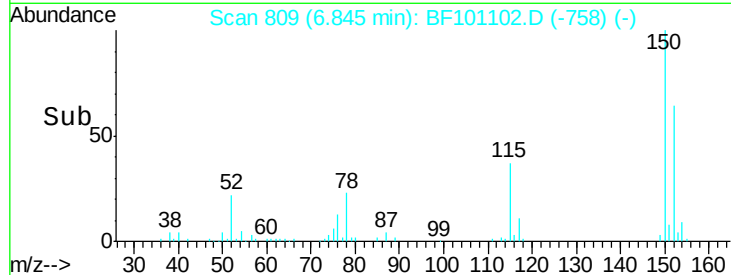
115 58.5 50.1 75.1



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: 11.82 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

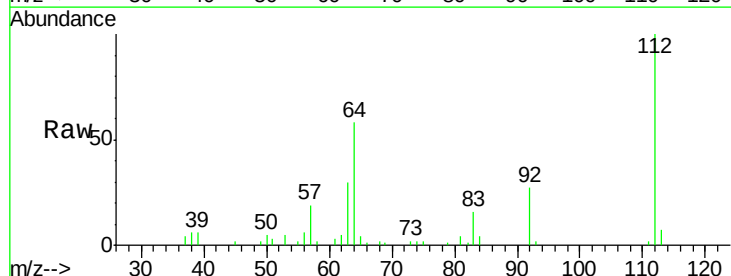
Tgt Ion:112 Resp: 34140

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

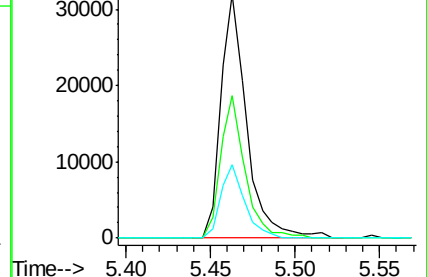
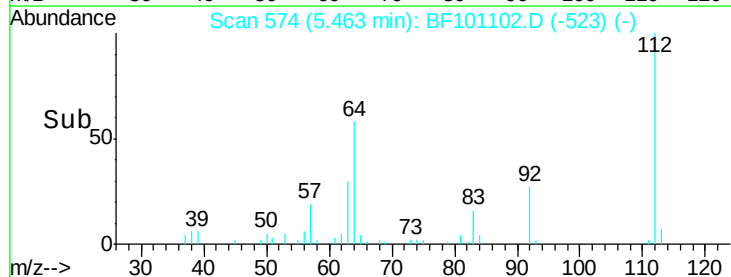
63 29.9 23.7 35.5

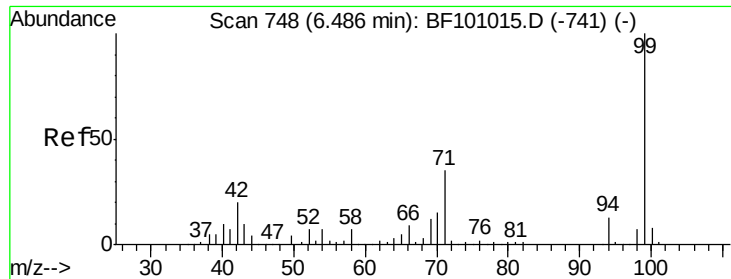


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.06 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Instrument :

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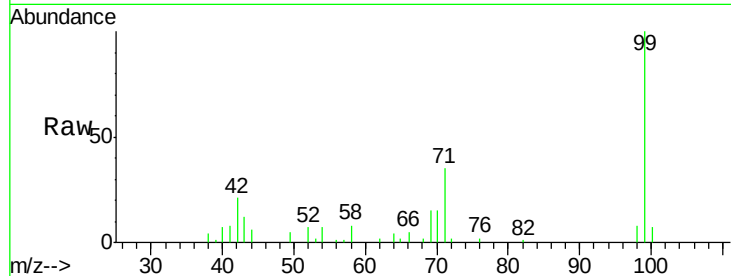
Tot Ion: 99 Resp: 24750

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

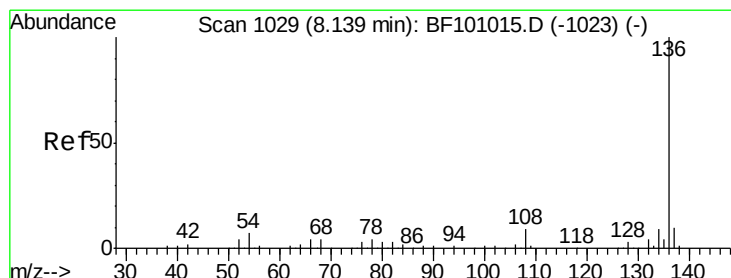
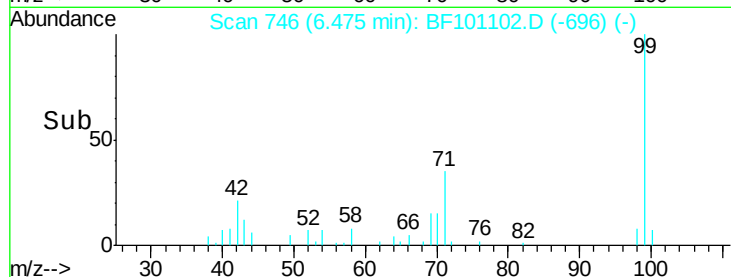
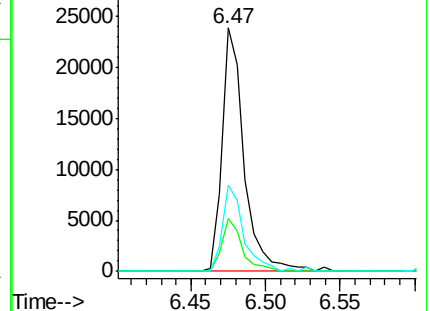
71 35.4 25.4 38.0



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: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Tgt Ion: 136 Resp: 177404

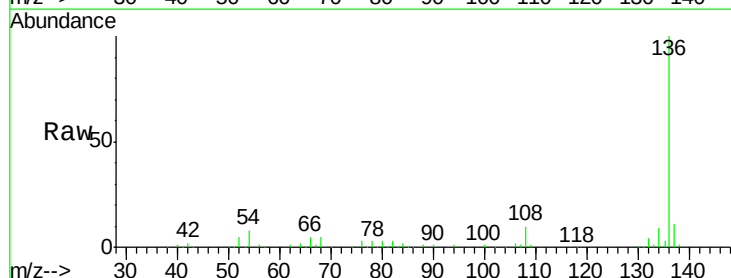
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.4 6.6 9.8

68 5.4 5.0 7.4

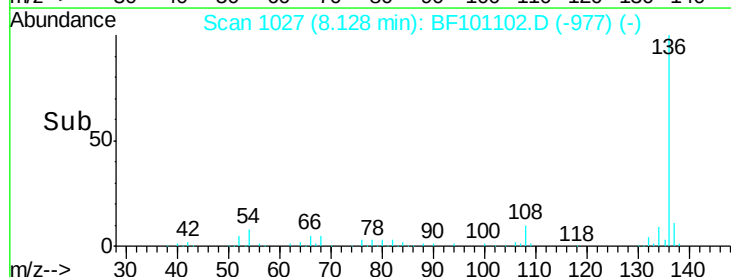
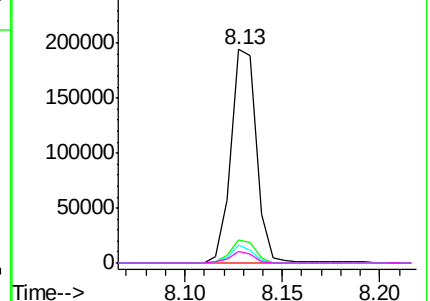


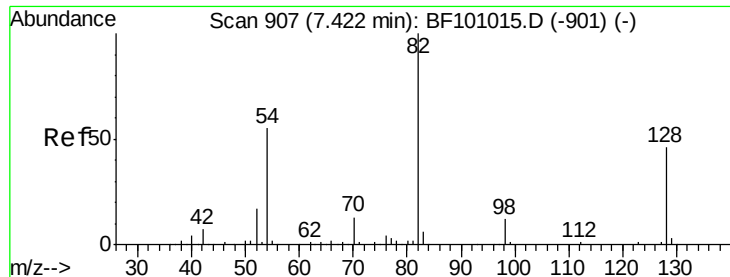
Abundance Ion 136.00 (135.70 to 136.70): E

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

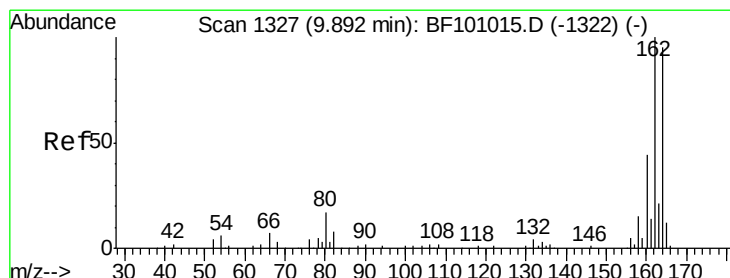
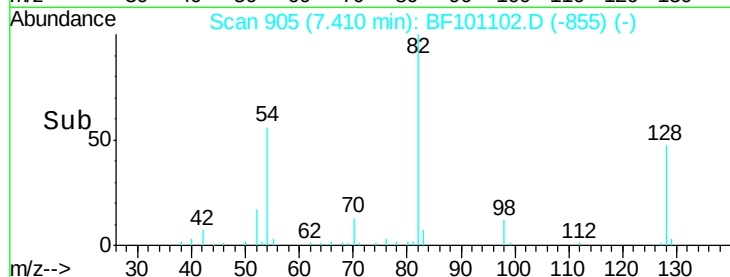
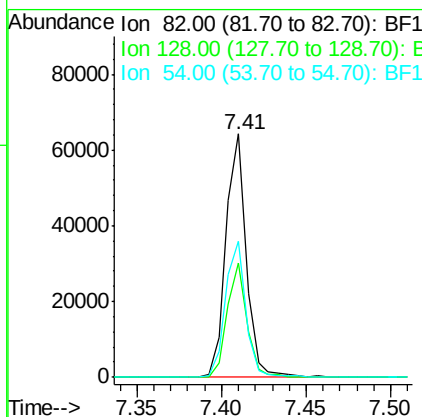
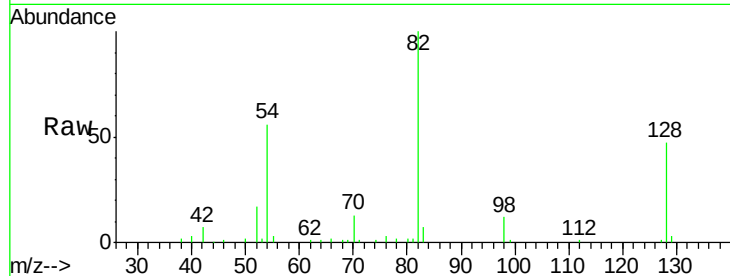




#23
 Nitrobenzene-d5
 Concen: 18.11 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

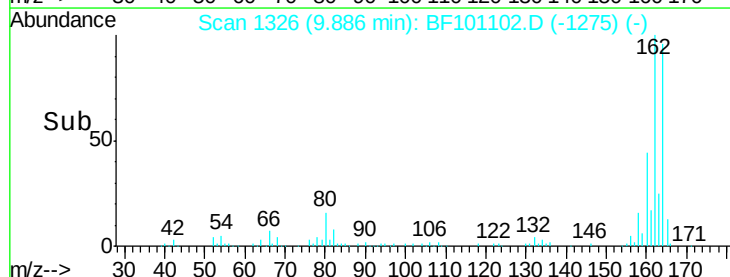
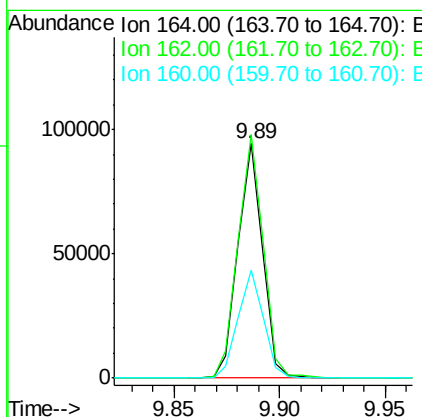
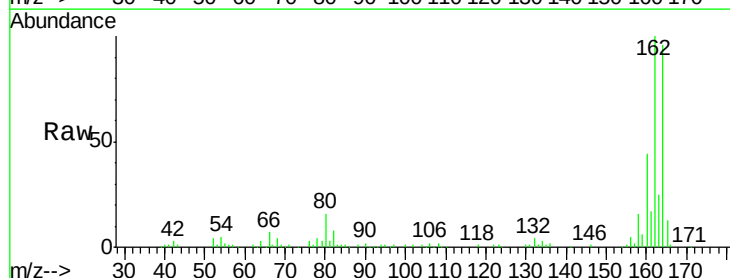
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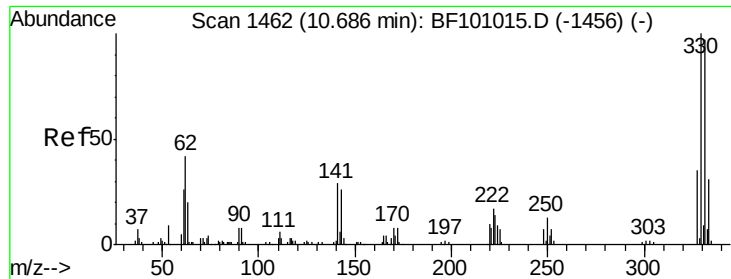
Tot Ion: 82 Resp: 53857
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 55.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Tgt Ion: 164 Resp: 75353
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.2 38.3 57.5

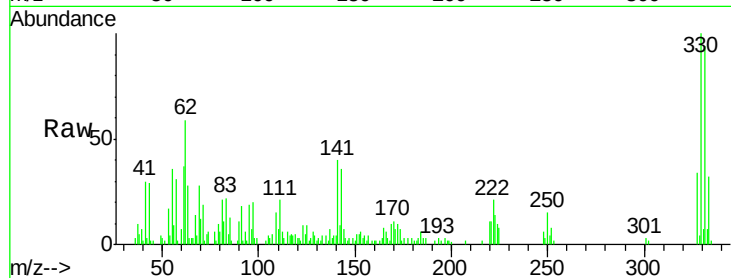




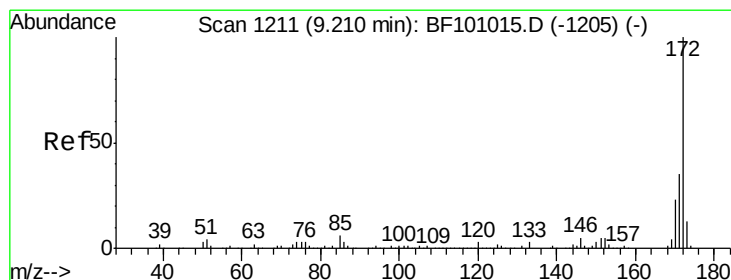
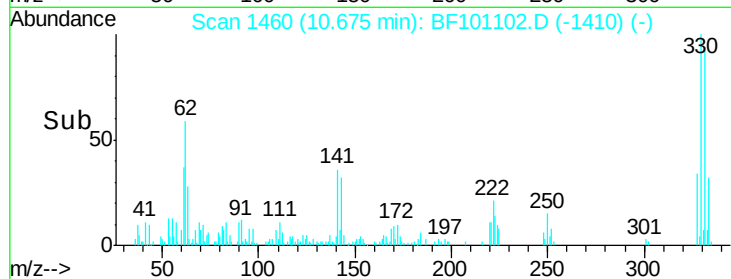
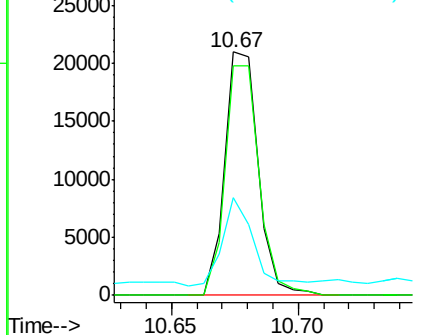
#41
 2,4,6-Tribromophenol
 Concen: 21.26 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 MOBILE-TRANSFORMER-CONTAIN

Tot Ion:330 Resp: 19243
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.0 29.9 44.9

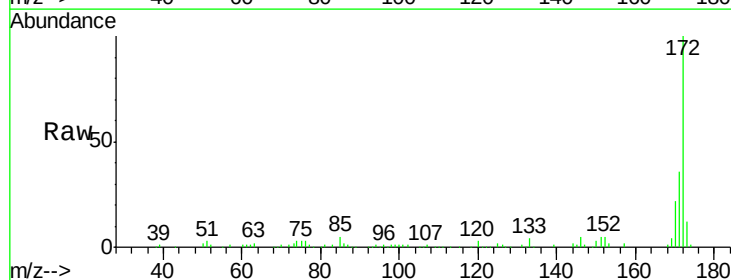


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

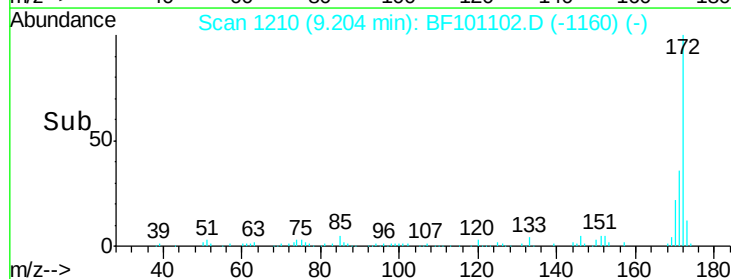
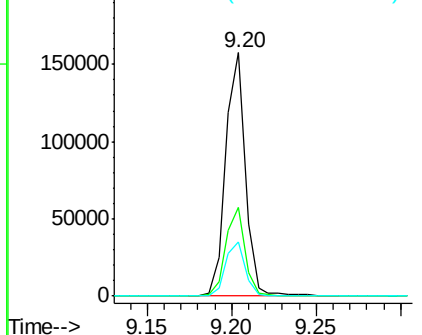


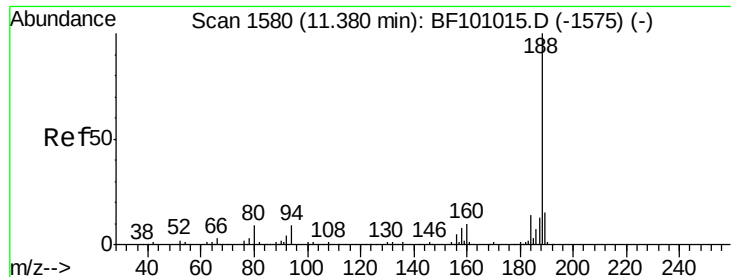
#44
 2-Fluorobiphenyl
 Concen: 23.32 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Tgt Ion:172 Resp: 128429
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 22.0 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

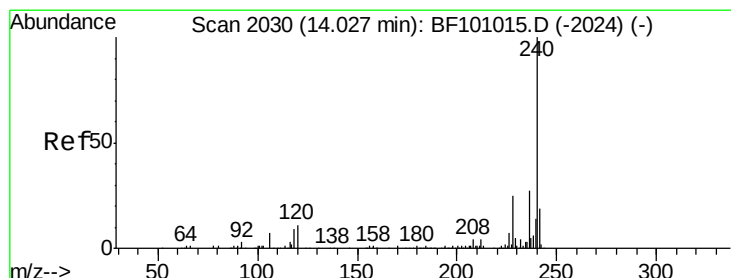
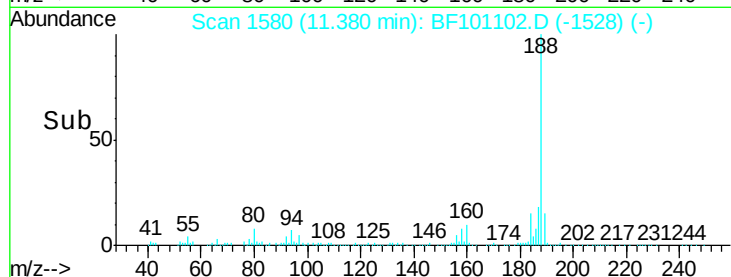
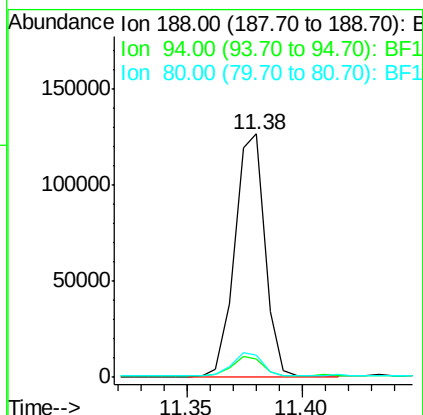
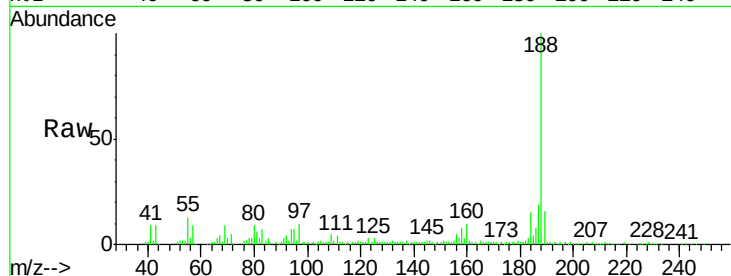




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

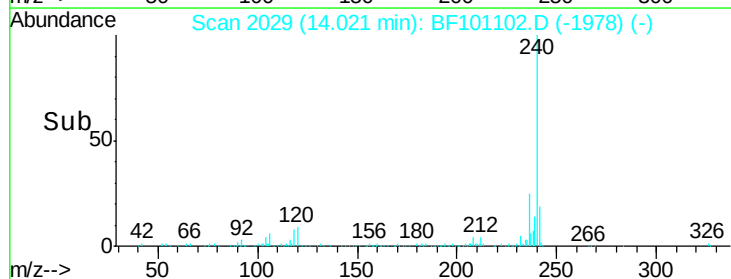
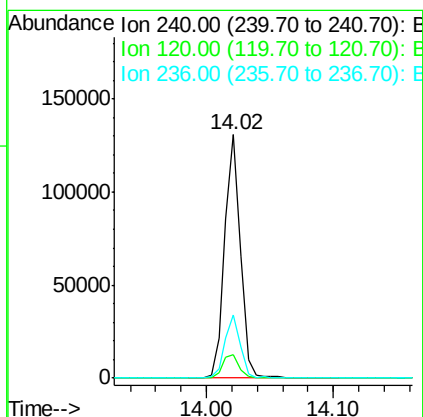
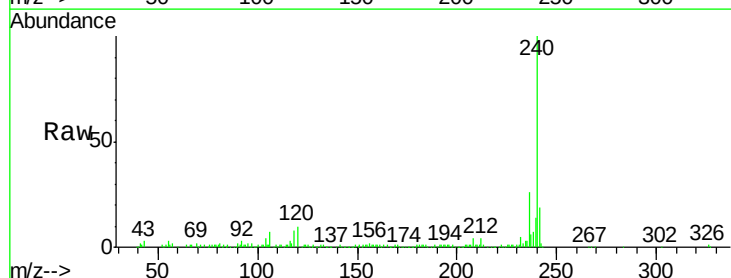
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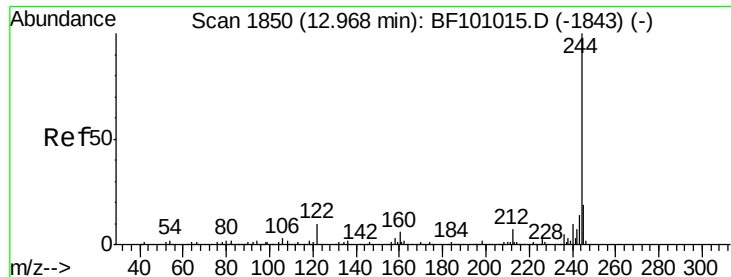
Tot Ion:188 Resp: 115089
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:240 Resp: 113726
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.7 20.7 31.1

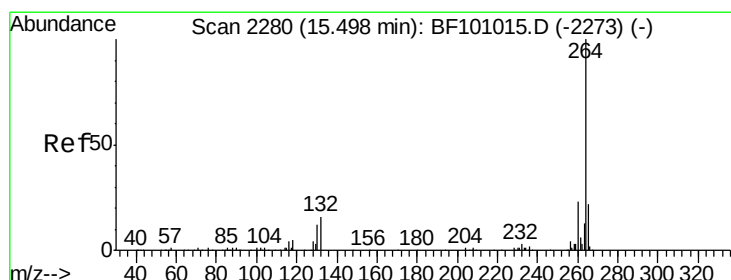
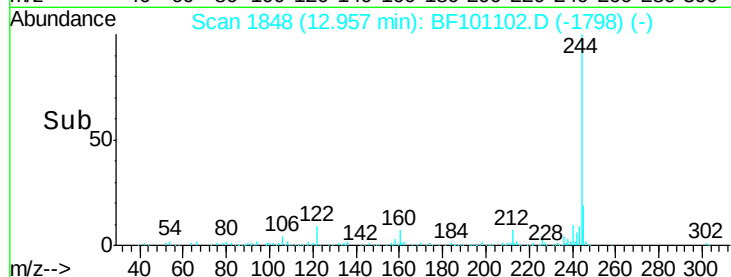
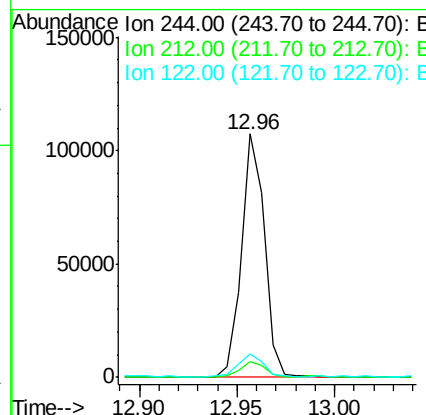
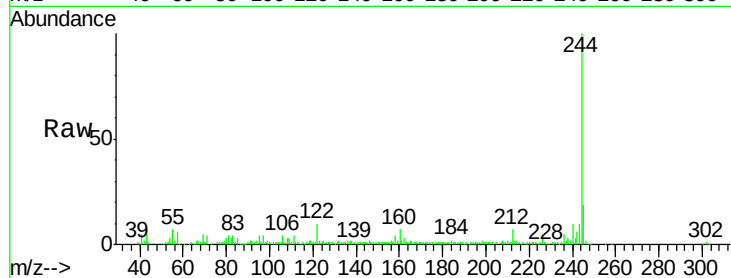




#78
 Terphenyl-d14
 Concen: 16.93 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 MOBILE-TRANSFORMER-CONTAIN

Tot Ion:244 Resp: 88005
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Tgt Ion:264 Resp: 109926
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 20.2 17.5 26.3

