

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101562.D
 Acq On : 20 Dec 2017 12:47
 Operator : SJ/JU
 Sample : PB105158BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105158BL

Quant Time: Dec 20 14:34:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143183	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	588677	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	265483	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	524916	20.00	ng	0.00
75) Chrysene-d12	13.97	240	392631	20.00	ng	0.00
86) Perylene-d12	15.43	264	280993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1080491	112.41	ng	0.01
7) Phenol-d6	6.44	99	1296564	108.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	856160	80.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	312393	122.12	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1425953	83.32	ng	0.00
78) Terphenyl-d14	12.91	244	1397183	85.79	ng	0.00

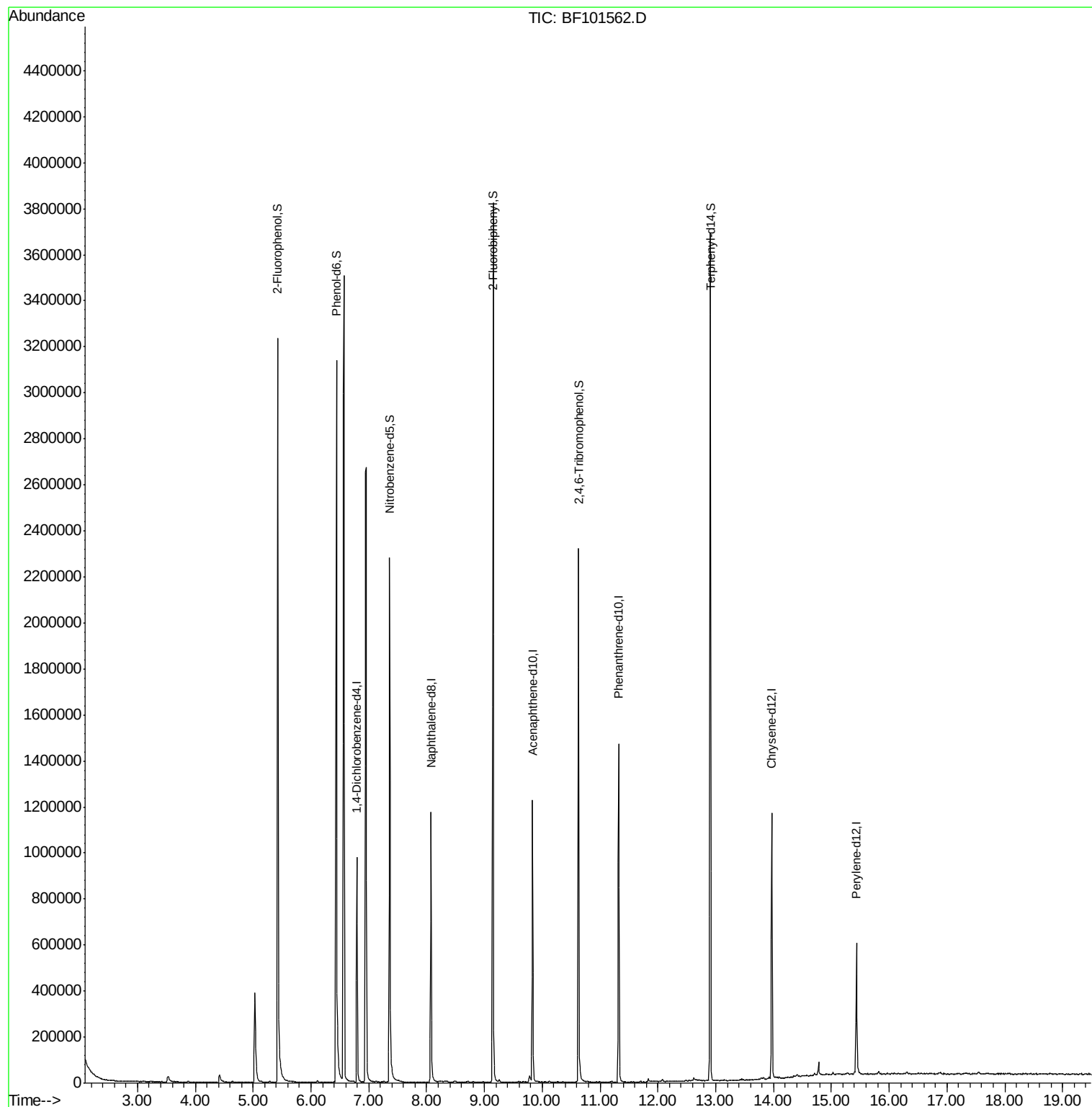
Target Compounds	Qvalue
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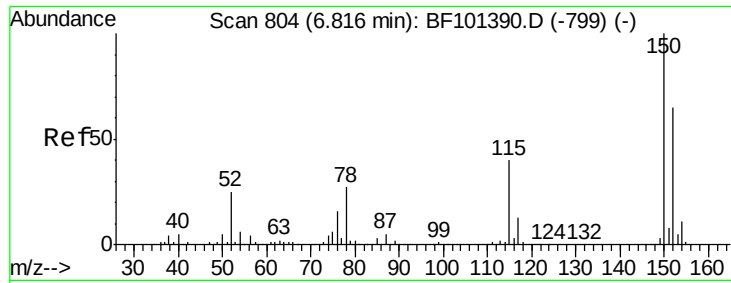
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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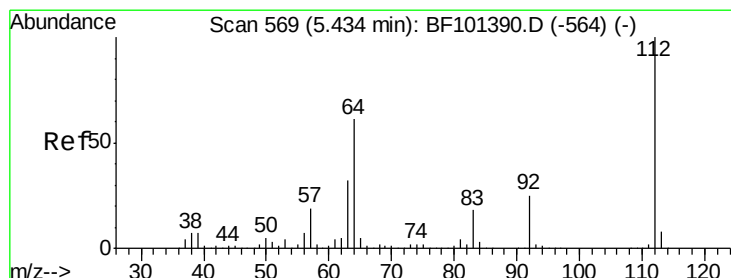
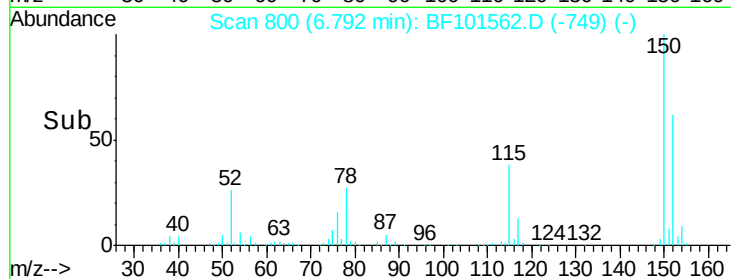
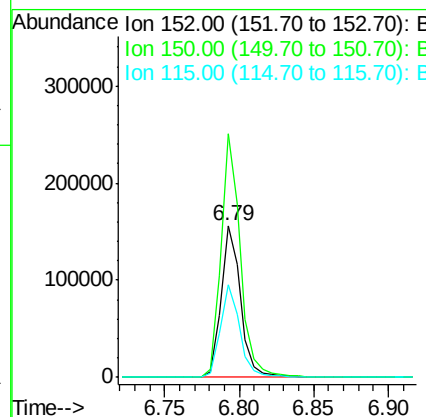
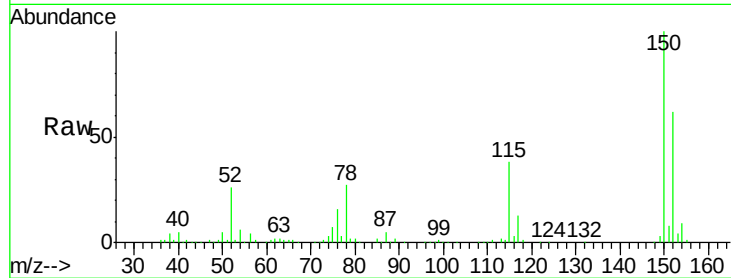




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

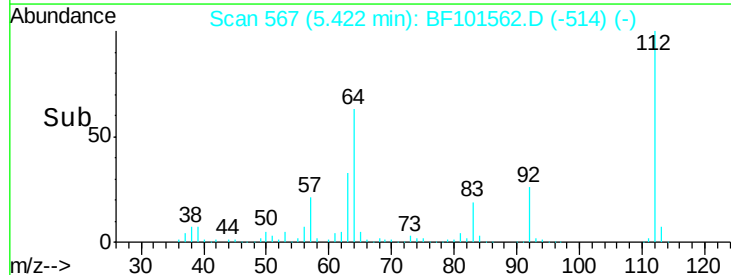
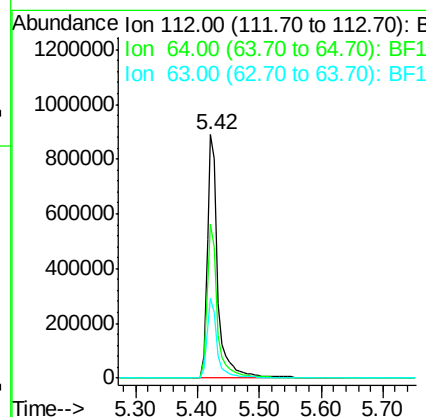
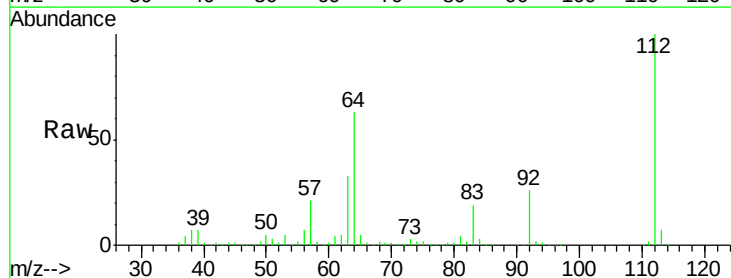
Instrument :
 BNA_F
 ClientSampleId :
 PB105158BL

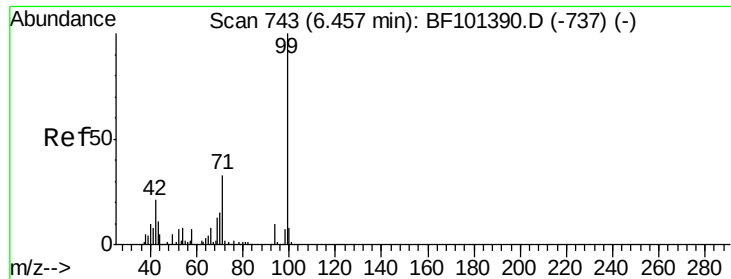
Tgt Ion:152 Resp: 143183
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 61.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 112.407 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

Tgt Ion:112 Resp: 1080491
 Ion Ratio Lower Upper
 112 100
 64 63.4 47.9 71.9
 63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 108.382 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101562.D

Acq: 20 Dec 2017 12:47

Instrument :

BNA_F

ClientSampleId :

PB105158BL

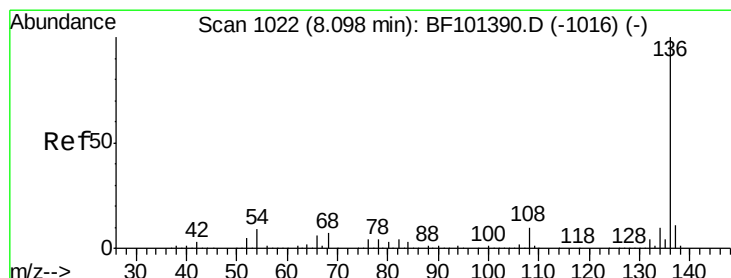
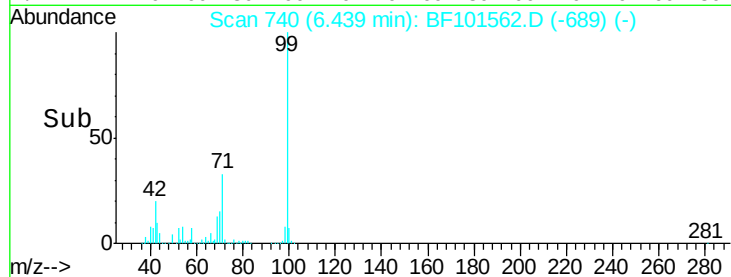
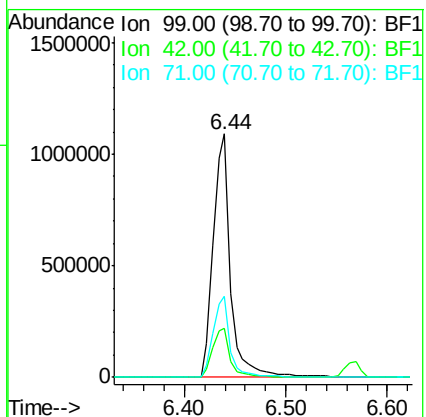
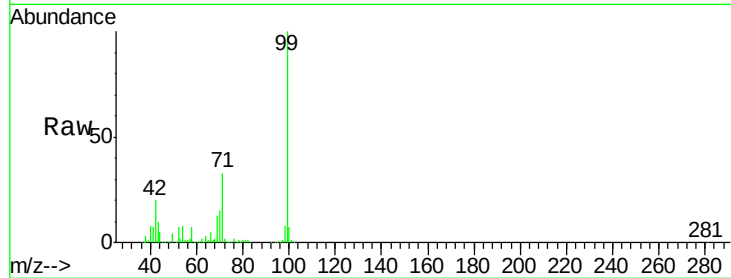
Tgt Ion: 99 Resp: 1296564

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 33.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101562.D

Acq: 20 Dec 2017 12:47

Tgt Ion: 136 Resp: 588677

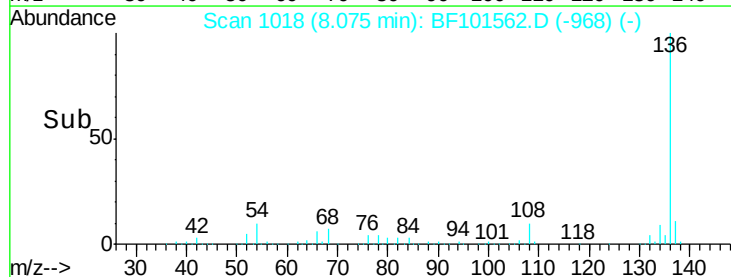
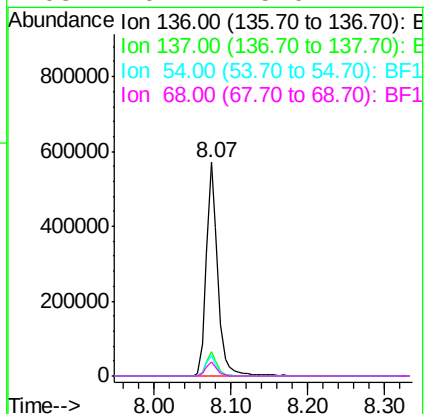
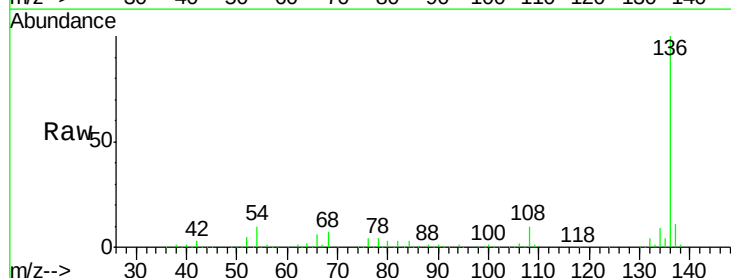
Ion Ratio Lower Upper

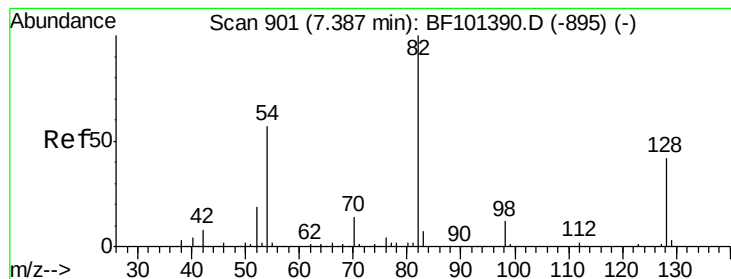
136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.959 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101562.D

Acq: 20 Dec 2017 12:47

Instrument :

BNA_F

ClientSampleId :

PB105158BL

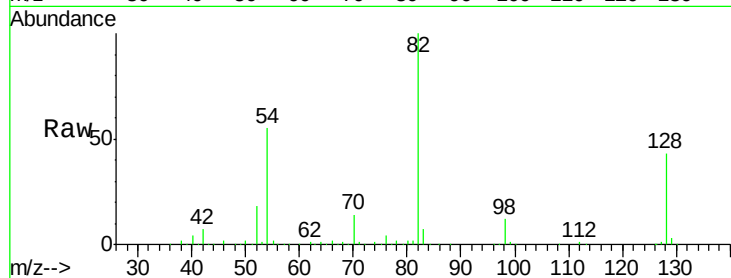
Tgt Ion: 82 Resp: 856160

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

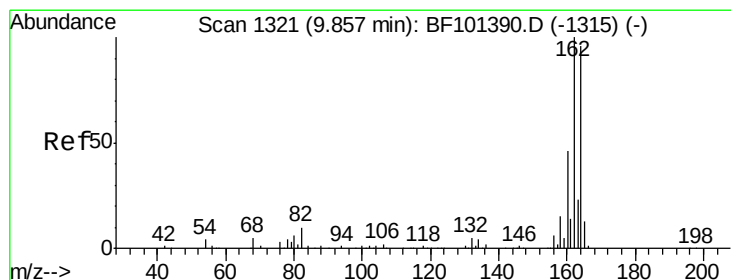
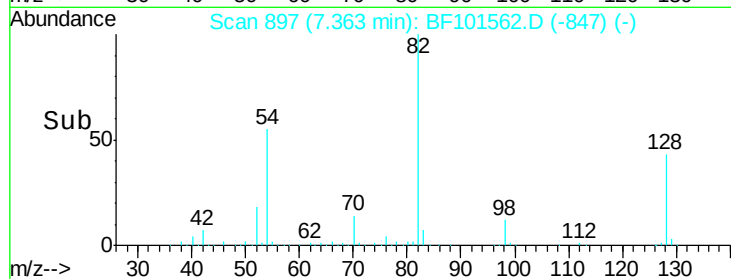
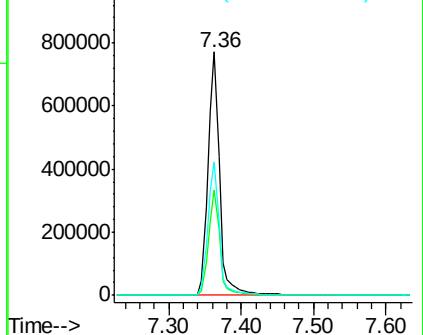
54 55.1 41.4 62.2



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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101562.D

Acq: 20 Dec 2017 12:47

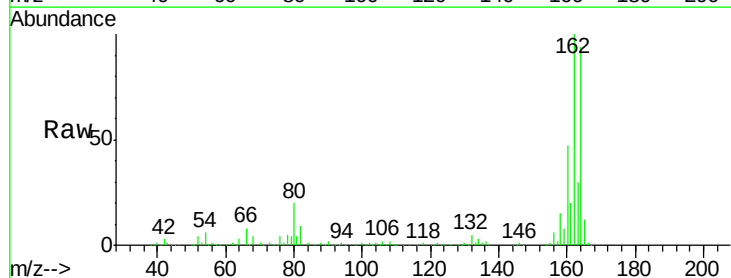
Tgt Ion: 164 Resp: 265483

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

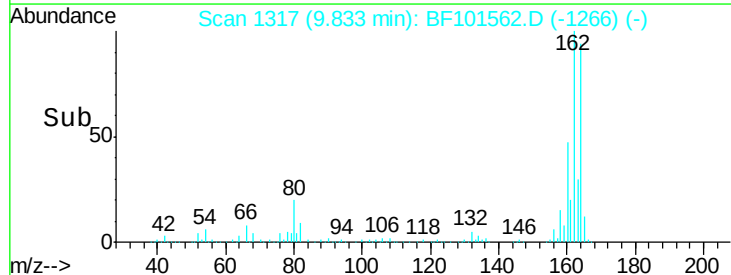
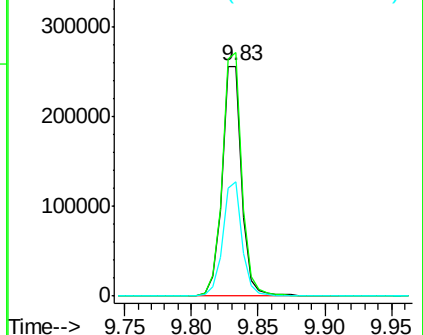
160 49.6 38.3 57.5

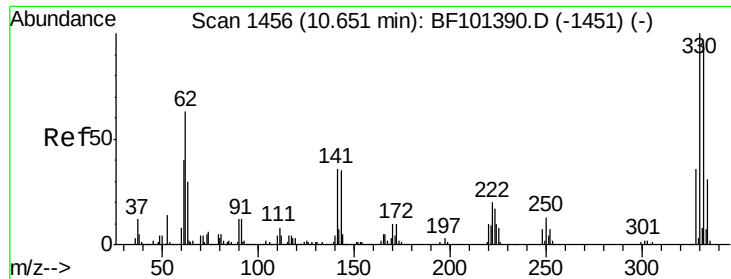


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

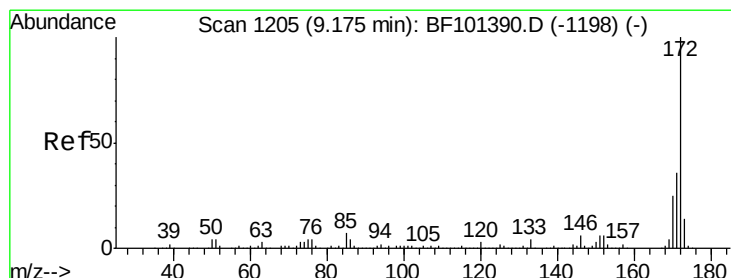
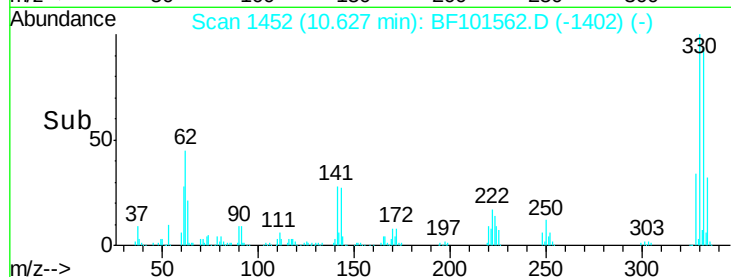
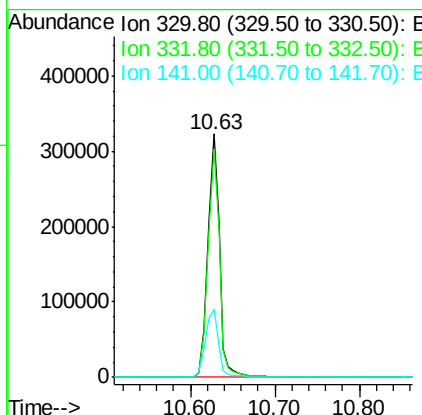
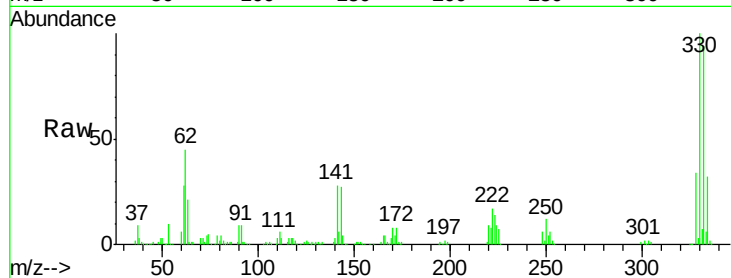




#41
 2,4,6-Tribromophenol
 Concen: 122.117 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

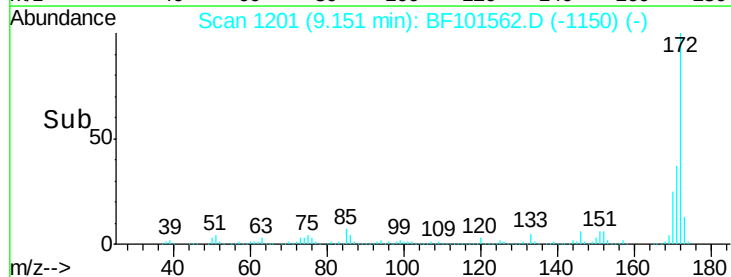
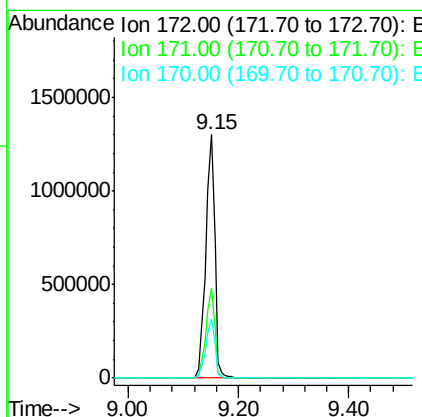
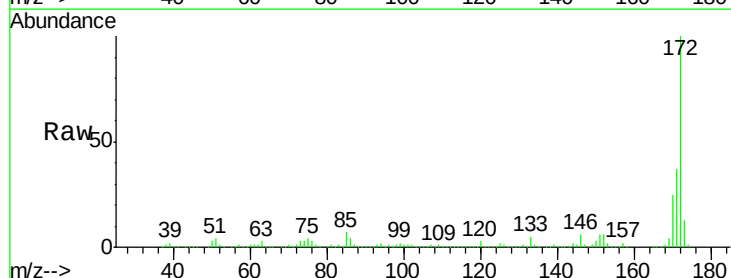
Instrument :
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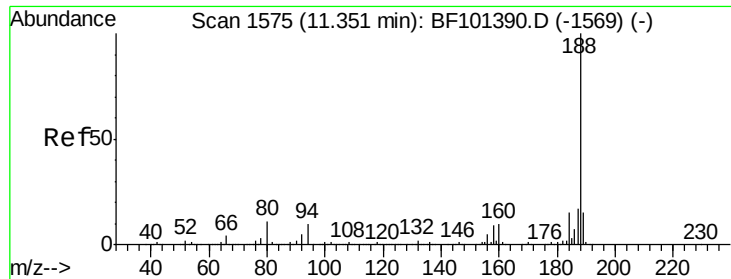
Tgt Ion: 330 Resp: 312393
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 31.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.320 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

Tgt Ion: 172 Resp: 1425953
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.5 19.6 29.4

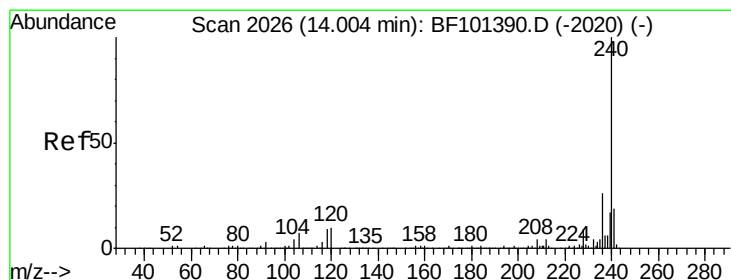
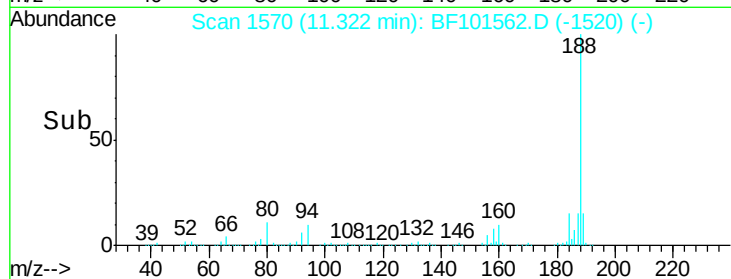
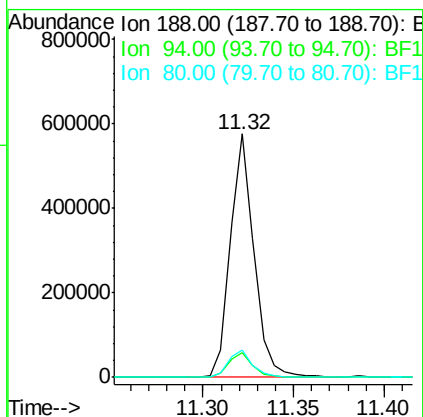
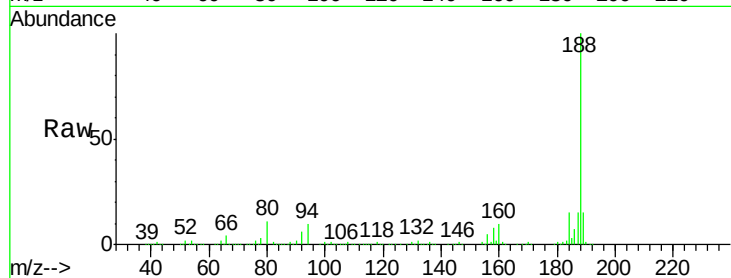




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101562.D
Acq: 20 Dec 2017 12:47

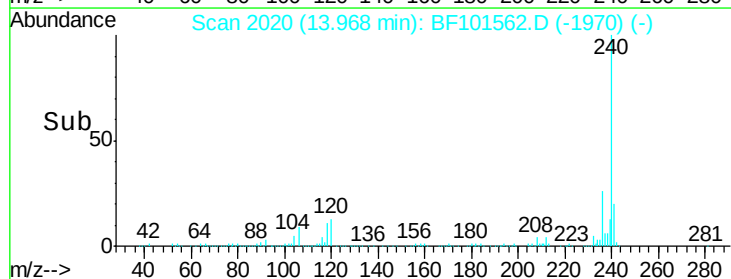
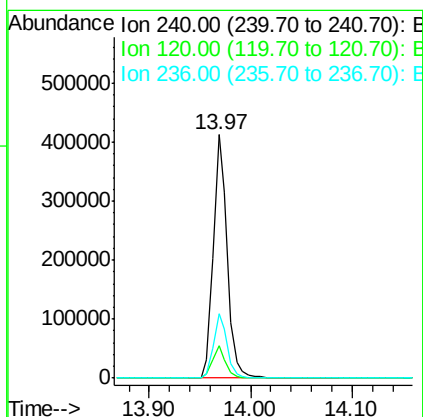
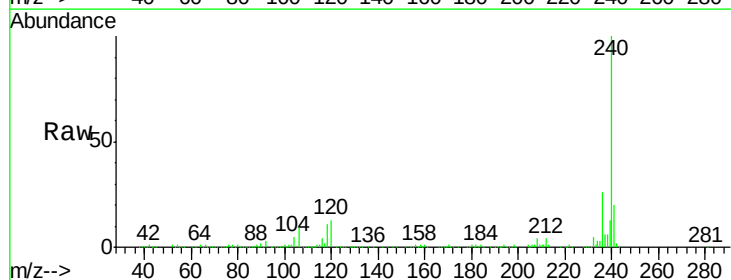
Instrument :
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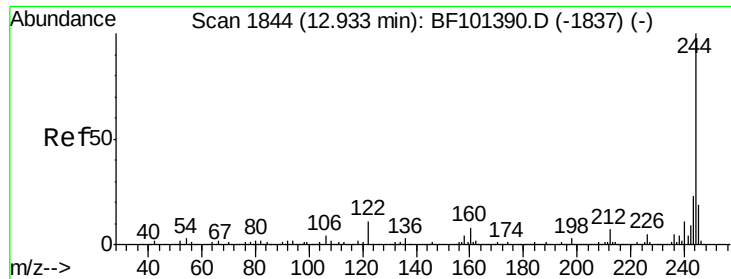
Tgt Ion:188 Resp: 524916
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101562.D
Acq: 20 Dec 2017 12:47

Tgt Ion:240 Resp: 392631
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.3 20.7 31.1

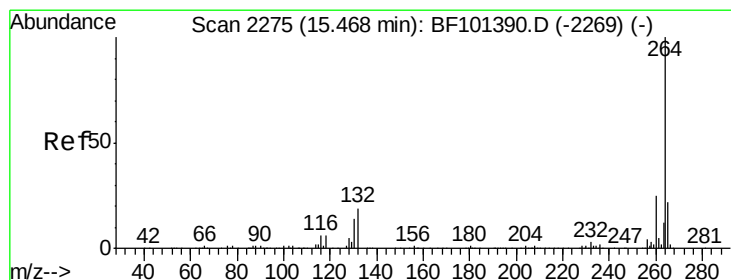
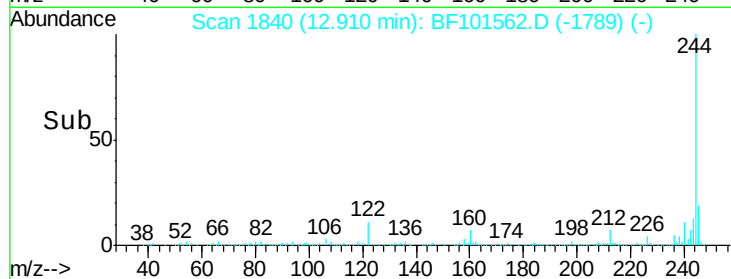
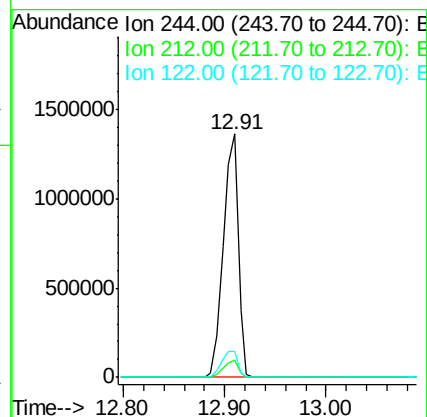
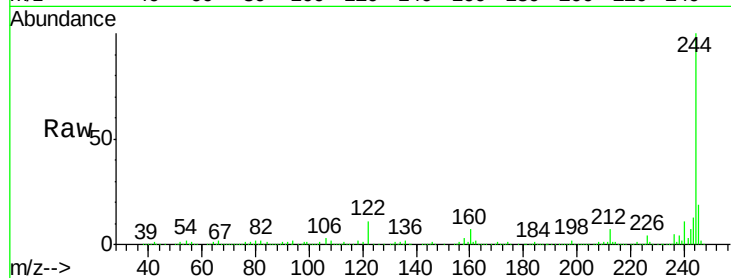




#78
 Terphenyl-d14
 Concen: 85.788 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB105158BL

Tgt Ion:244 Resp: 1397183
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101562.D
 Acq: 20 Dec 2017 12:47

Tgt Ion:264 Resp: 280993
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.7 17.5 26.3

